

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: 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)

GSM850 E-Field measurement/Voice_ch 128/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 43.79 V/m; Power Drift = -0.07 dB

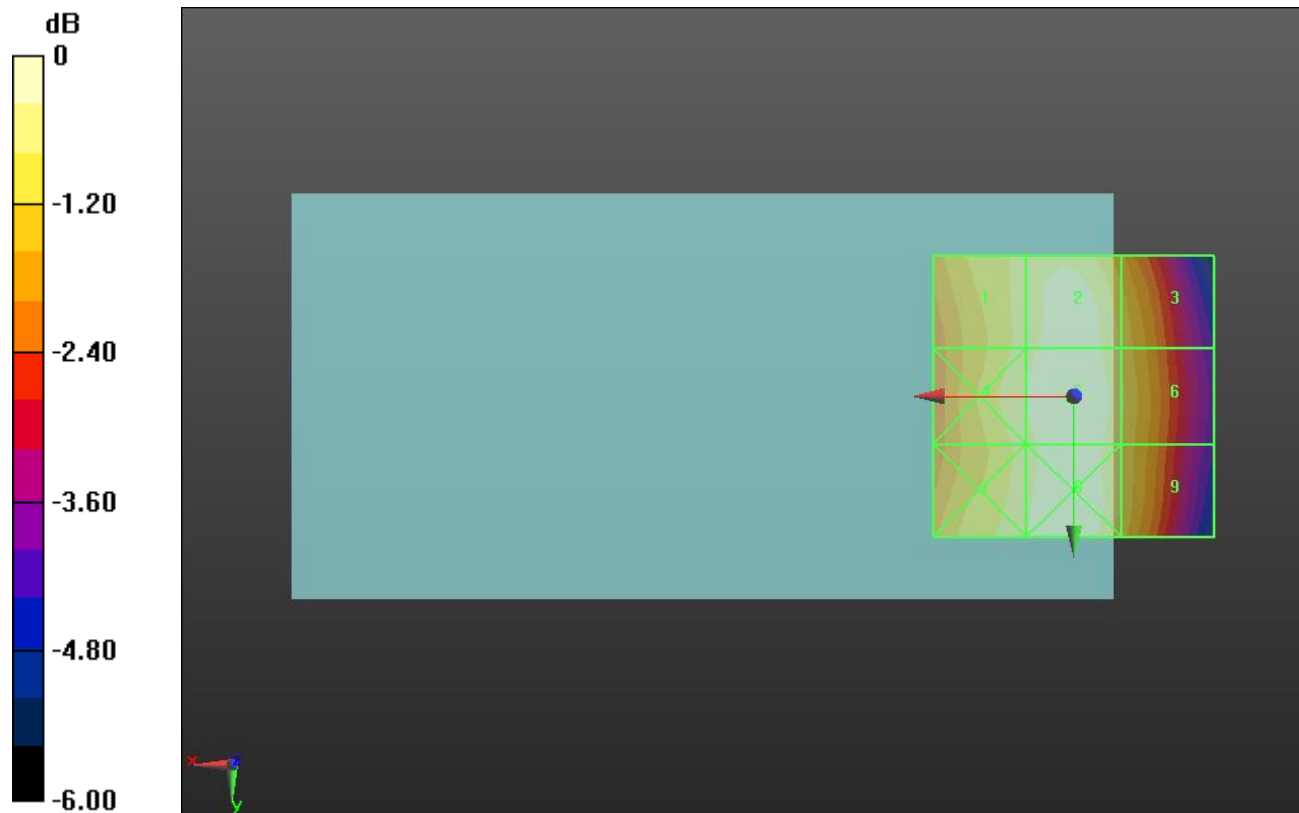
Applied MIF = 3.63 dB

RF audio interference level = 33.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.16 dBV/m	Grid 2 M4 33.57 dBV/m	Grid 3 M4 32.87 dBV/m
Grid 4 M4 33.36 dBV/m	Grid 5 M4 33.73 dBV/m	Grid 6 M4 33.02 dBV/m
Grid 7 M4 33.3 dBV/m	Grid 8 M4 33.67 dBV/m	Grid 9 M4 32.92 dBV/m



0 dB = 48.60 V/m = 33.73 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: 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)

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 = 44.59 V/m; Power Drift = -0.01 dB

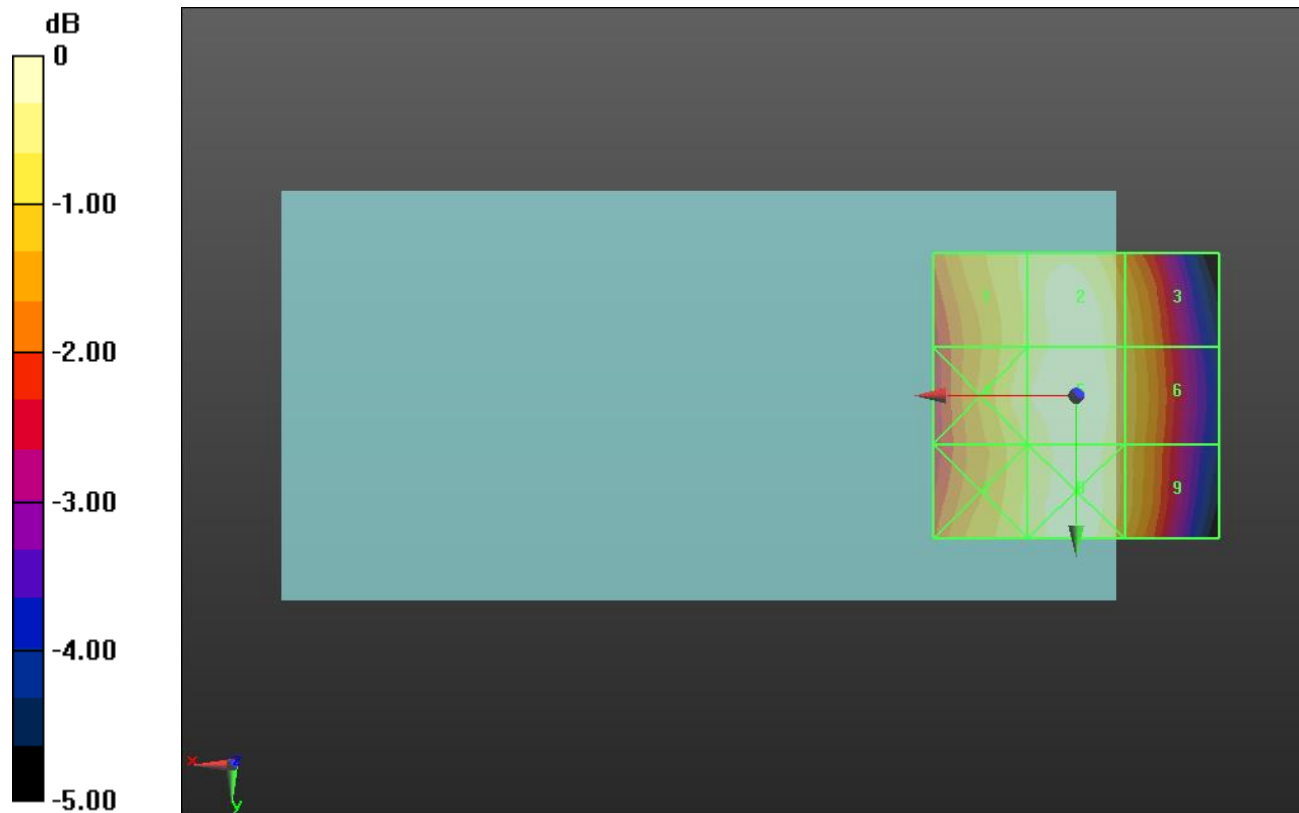
Applied MIF = 3.63 dB

RF audio interference level = 34.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.5 dBV/m	Grid 2 M4 33.92 dBV/m	Grid 3 M4 33.32 dBV/m
Grid 4 M4 33.68 dBV/m	Grid 5 M4 34.07 dBV/m	Grid 6 M4 33.4 dBV/m
Grid 7 M4 33.5 dBV/m	Grid 8 M4 33.94 dBV/m	Grid 9 M4 33.32 dBV/m



0 dB = 50.50 V/m = 34.07 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: 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)

GSM850 E-Field measurement/Voice_ch 251/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 42.86 V/m; Power Drift = -0.01 dB

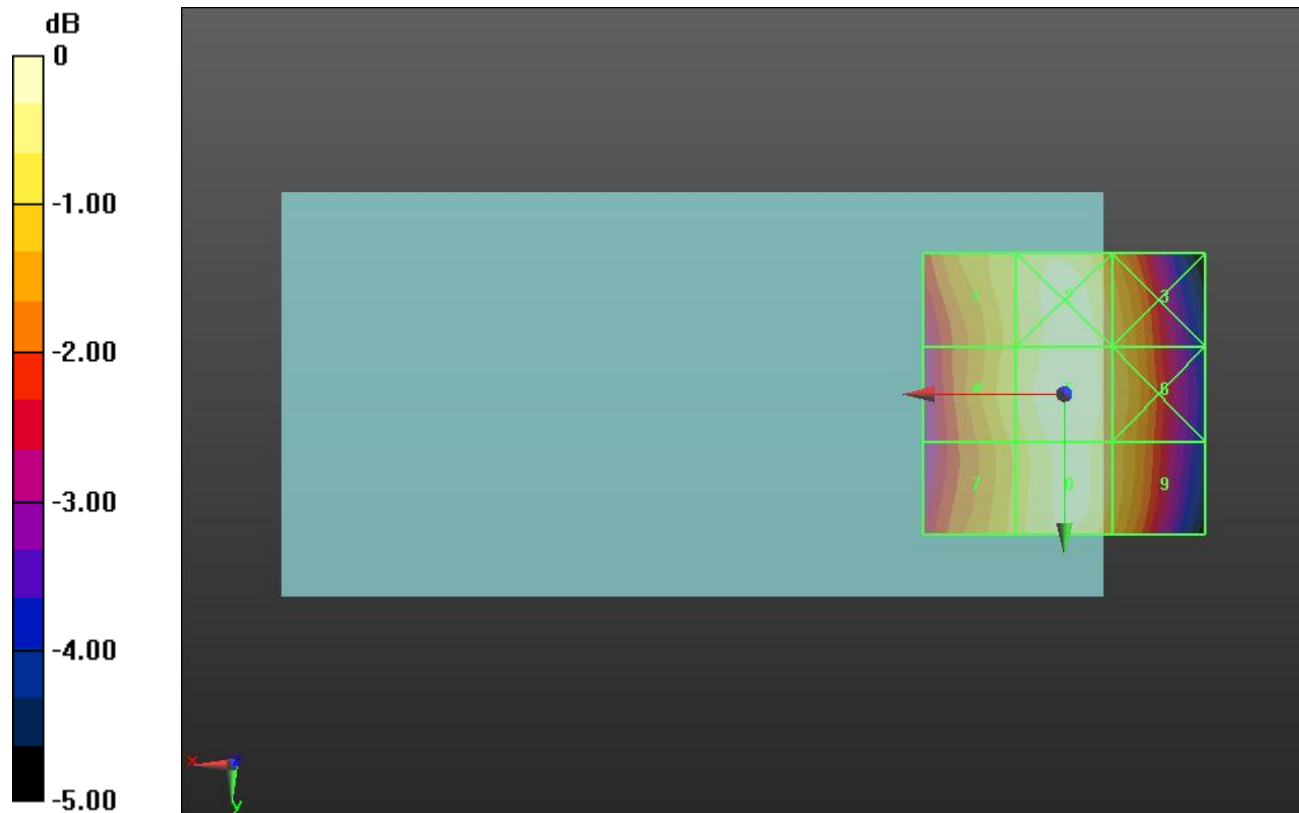
Applied MIF = 3.63 dB

RF audio interference level = 33.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.14 dBV/m	Grid 2 M4 33.64 dBV/m	Grid 3 M4 33.13 dBV/m
Grid 4 M4 33.15 dBV/m	Grid 5 M4 33.76 dBV/m	Grid 6 M4 33.21 dBV/m
Grid 7 M4 32.93 dBV/m	Grid 8 M4 33.57 dBV/m	Grid 9 M4 33.08 dBV/m



0 dB = 48.76 V/m = 33.76 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: 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)

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 = 10.14 V/m; Power Drift = -0.03 dB

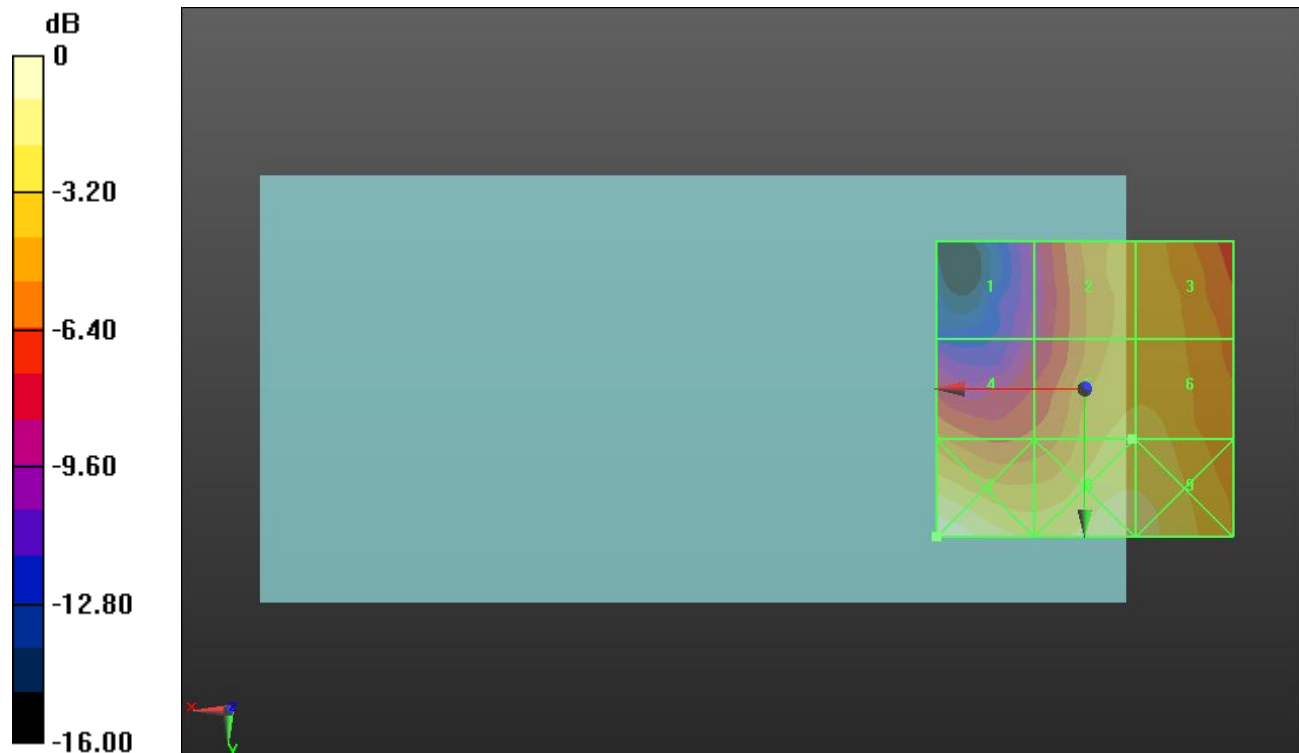
Applied MIF = 3.63 dB

RF audio interference level = 23.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.25 dBV/m	Grid 2 M4 22.3 dBV/m	Grid 3 M4 22.31 dBV/m
Grid 4 M4 21.13 dBV/m	Grid 5 M4 23.19 dBV/m	Grid 6 M4 23.19 dBV/m
Grid 7 M4 26.04 dBV/m	Grid 8 M4 24.5 dBV/m	Grid 9 M4 24.33 dBV/m



0 dB = 20.03 V/m = 26.03 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: 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)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.38 V/m; Power Drift = -0.14 dB

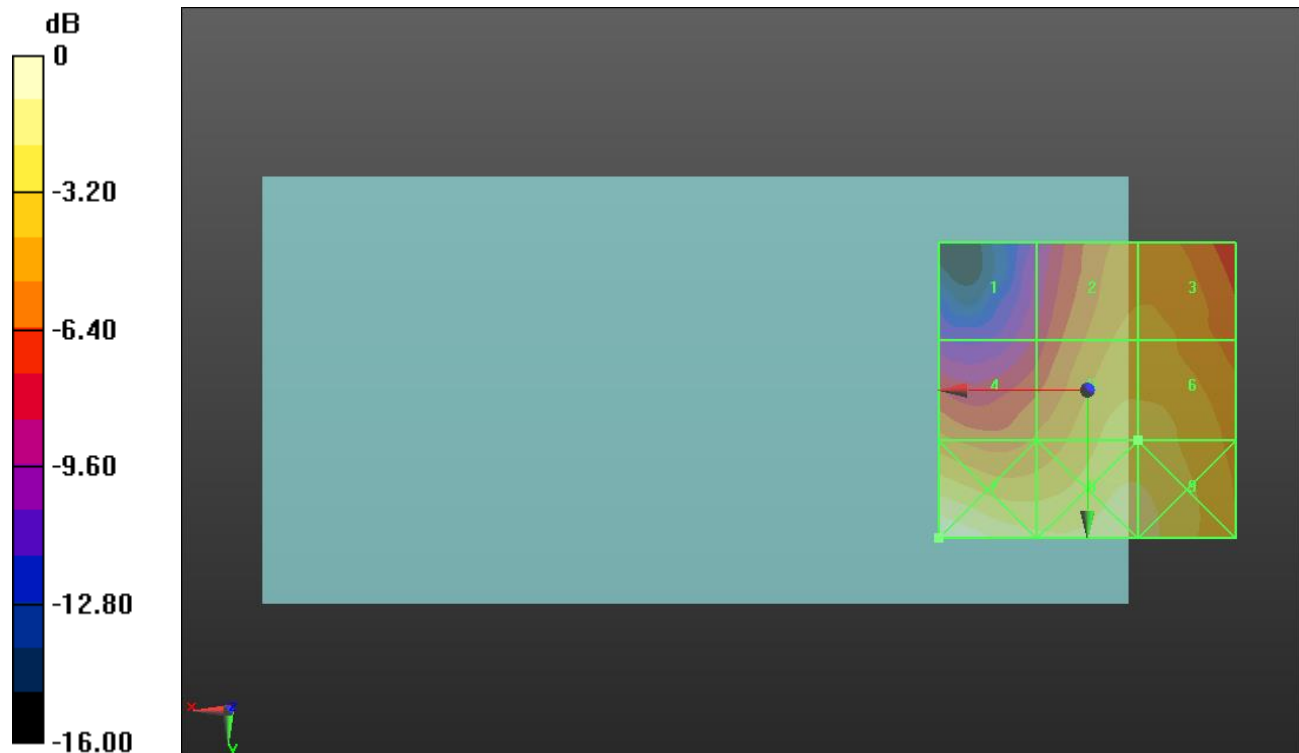
Applied MIF = 3.63 dB

RF audio interference level = 23.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.35 dBV/m	Grid 2 M4 22.52 dBV/m	Grid 3 M4 22.53 dBV/m
Grid 4 M4 21.62 dBV/m	Grid 5 M4 23.9 dBV/m	Grid 6 M4 23.9 dBV/m
Grid 7 M4 26.46 dBV/m	Grid 8 M4 24.81 dBV/m	Grid 9 M4 24.73 dBV/m



0 dB = 21.03 V/m = 26.46 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: 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)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.16 V/m; Power Drift = -0.06 dB

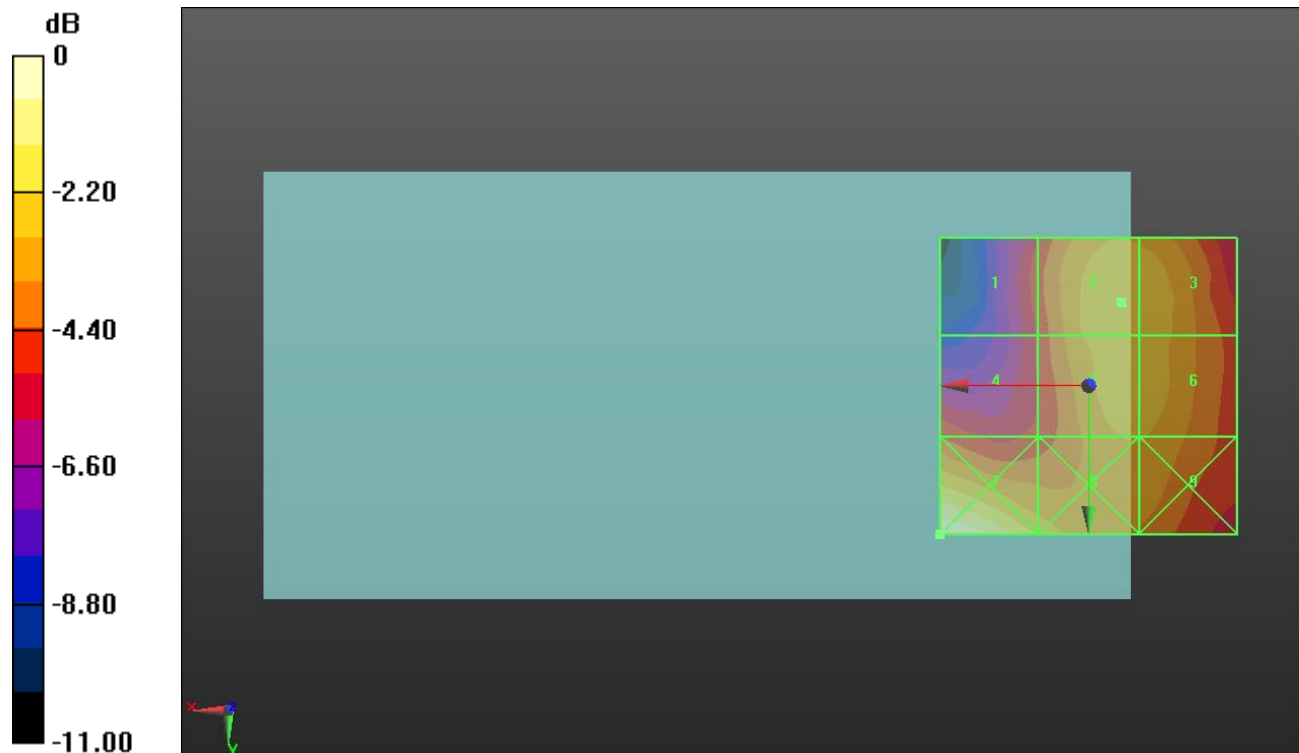
Applied MIF = 3.63 dB

RF audio interference level = 23.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.44 dBV/m	Grid 2 M4 23.8 dBV/m	Grid 3 M4 23.68 dBV/m
Grid 4 M4 21.67 dBV/m	Grid 5 M4 23.71 dBV/m	Grid 6 M4 23.65 dBV/m
Grid 7 M4 26.07 dBV/m	Grid 8 M4 23.82 dBV/m	Grid 9 M4 23.2 dBV/m



0 dB = 20.12 V/m = 26.07 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 = 25.09 V/m; Power Drift = -0.00 dB

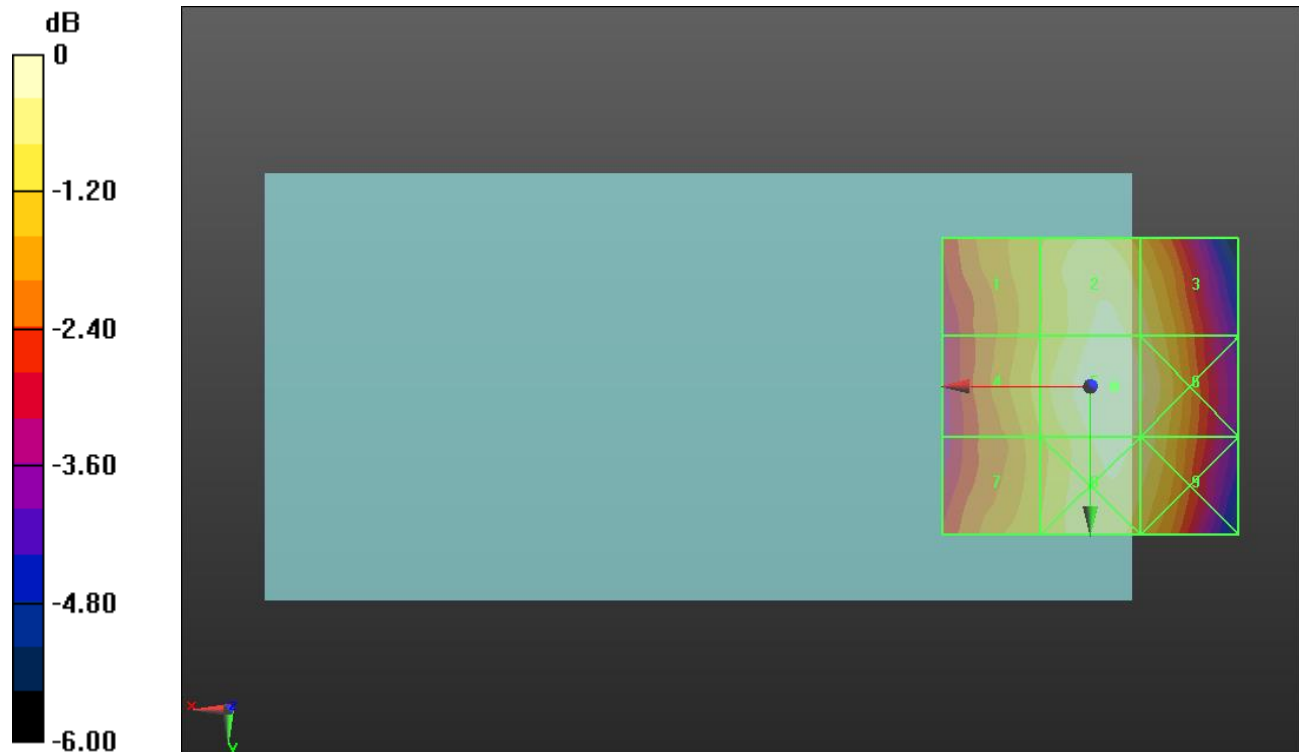
Applied MIF = 3.26 dB

RF audio interference level = 28.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.47 dBV/m	Grid 2 M4 28.37 dBV/m	Grid 3 M4 28.09 dBV/m
Grid 4 M4 27.64 dBV/m	Grid 5 M4 28.65 dBV/m	Grid 6 M4 28.34 dBV/m
Grid 7 M4 27.46 dBV/m	Grid 8 M4 28.4 dBV/m	Grid 9 M4 28.19 dBV/m



0 dB = 27.08 V/m = 28.65 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 = 25.80 V/m; Power Drift = -0.03 dB

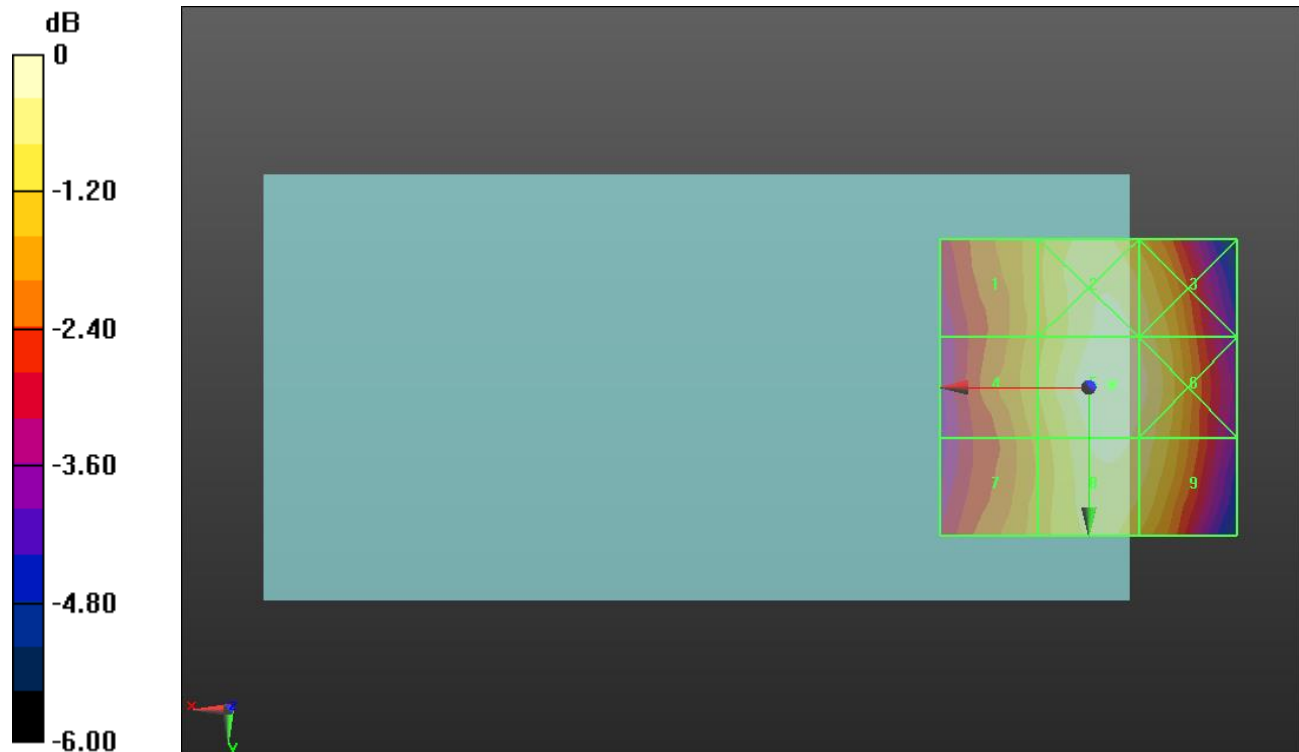
Applied MIF = 3.26 dB

RF audio interference level = 28.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.56 dBV/m	Grid 2 M4 28.64 dBV/m	Grid 3 M4 28.38 dBV/m
Grid 4 M4 27.65 dBV/m	Grid 5 M4 28.85 dBV/m	Grid 6 M4 28.63 dBV/m
Grid 7 M4 27.45 dBV/m	Grid 8 M4 28.58 dBV/m	Grid 9 M4 28.36 dBV/m



0 dB = 27.71 V/m = 28.85 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 = 24.63 V/m; Power Drift = 0.08 dB

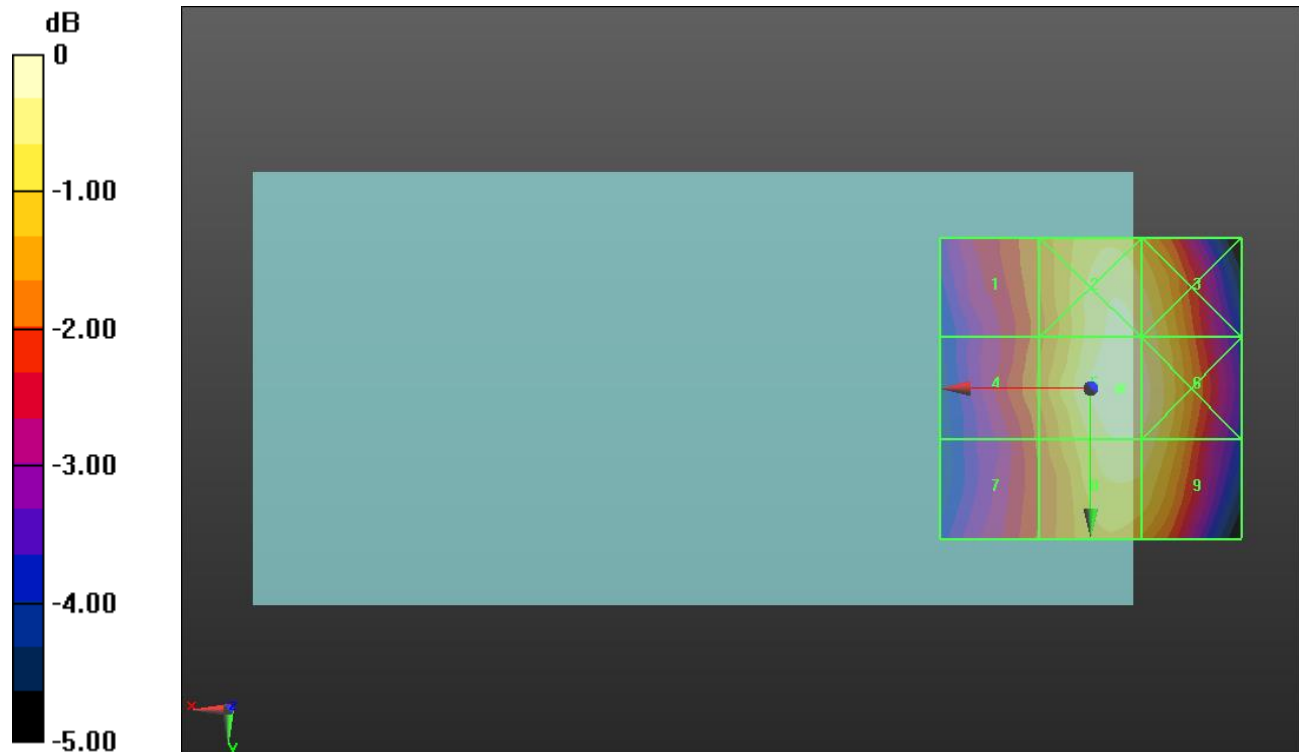
Applied MIF = 3.26 dB

RF audio interference level = 28.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.93 dBV/m	Grid 2 M4 28.32 dBV/m	Grid 3 M4 28.19 dBV/m
Grid 4 M4 26.99 dBV/m	Grid 5 M4 28.54 dBV/m	Grid 6 M4 28.36 dBV/m
Grid 7 M4 26.66 dBV/m	Grid 8 M4 28.22 dBV/m	Grid 9 M4 28.13 dBV/m



0 dB = 26.73 V/m = 28.54 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 = 6.025 V/m; Power Drift = 0.01 dB

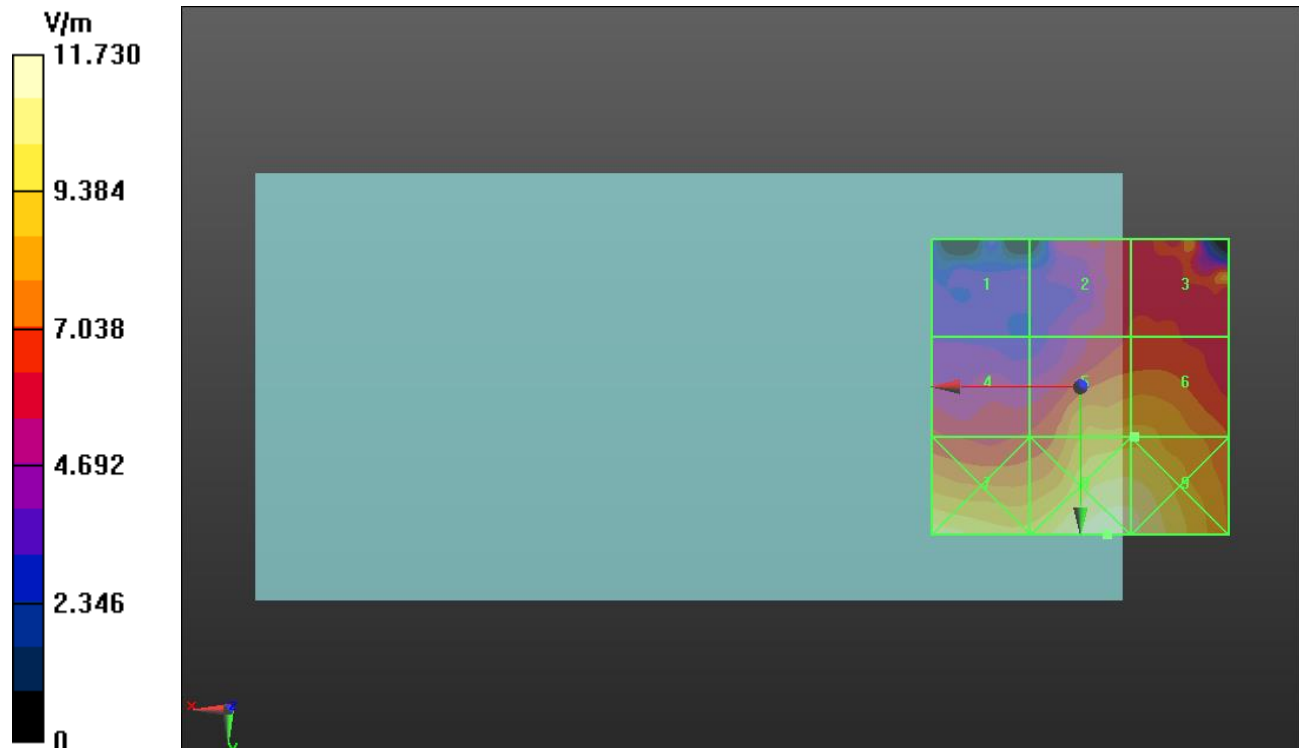
Applied MIF = 3.26 dB

RF audio interference level = 19.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.04 dBV/m	Grid 2 M4 16.13 dBV/m	Grid 3 M4 18.33 dBV/m
Grid 4 M4 16.31 dBV/m	Grid 5 M4 19.14 dBV/m	Grid 6 M4 19.15 dBV/m
Grid 7 M4 20.66 dBV/m	Grid 8 M4 21.38 dBV/m	Grid 9 M4 21.02 dBV/m



HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.600/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.690 V/m; Power Drift = 0.18 dB

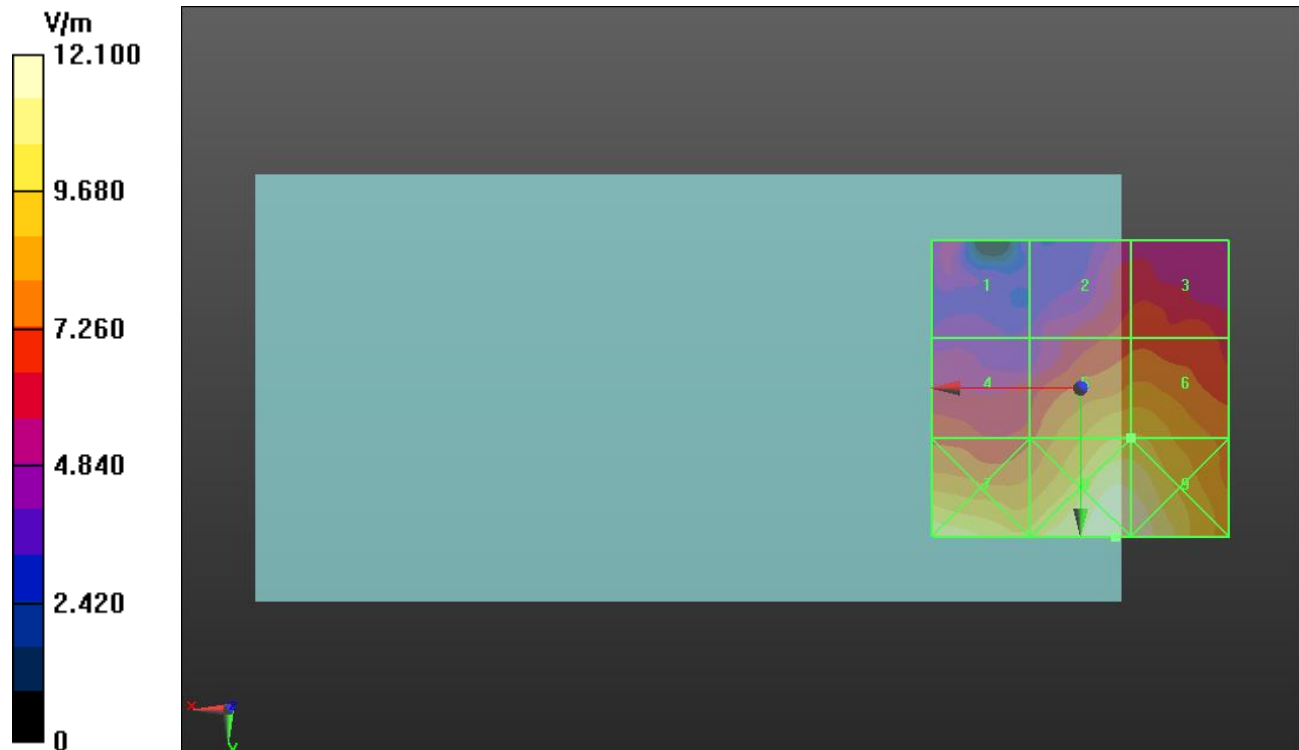
Applied MIF = 3.26 dB

RF audio interference level = 19.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.87 dBV/m	Grid 2 M4 16.94 dBV/m	Grid 3 M4 17.07 dBV/m
Grid 4 M4 17.03 dBV/m	Grid 5 M4 19.87 dBV/m	Grid 6 M4 19.87 dBV/m
Grid 7 M4 21.02 dBV/m	Grid 8 M4 21.66 dBV/m	Grid 9 M4 21.49 dBV/m



HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.1175/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.645 V/m; Power Drift = -0.11 dB

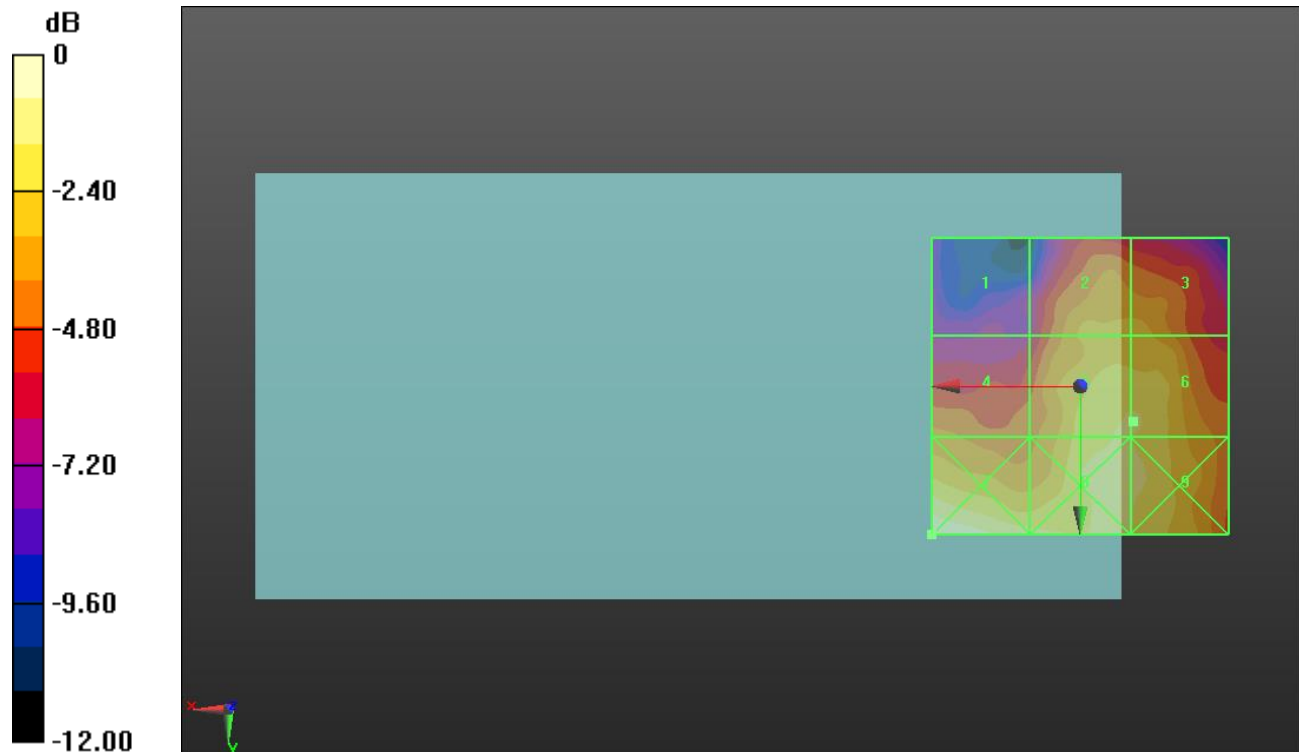
Applied MIF = 3.26 dB

RF audio interference level = 19.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.96 dBV/m	Grid 2 M4 17.89 dBV/m	Grid 3 M4 17.89 dBV/m
Grid 4 M4 16.96 dBV/m	Grid 5 M4 19.19 dBV/m	Grid 6 M4 19.19 dBV/m
Grid 7 M4 20.7 dBV/m	Grid 8 M4 19.49 dBV/m	Grid 9 M4 19.33 dBV/m



0 dB = 10.84 V/m = 20.70 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 = 24.12 V/m; Power Drift = -0.01 dB

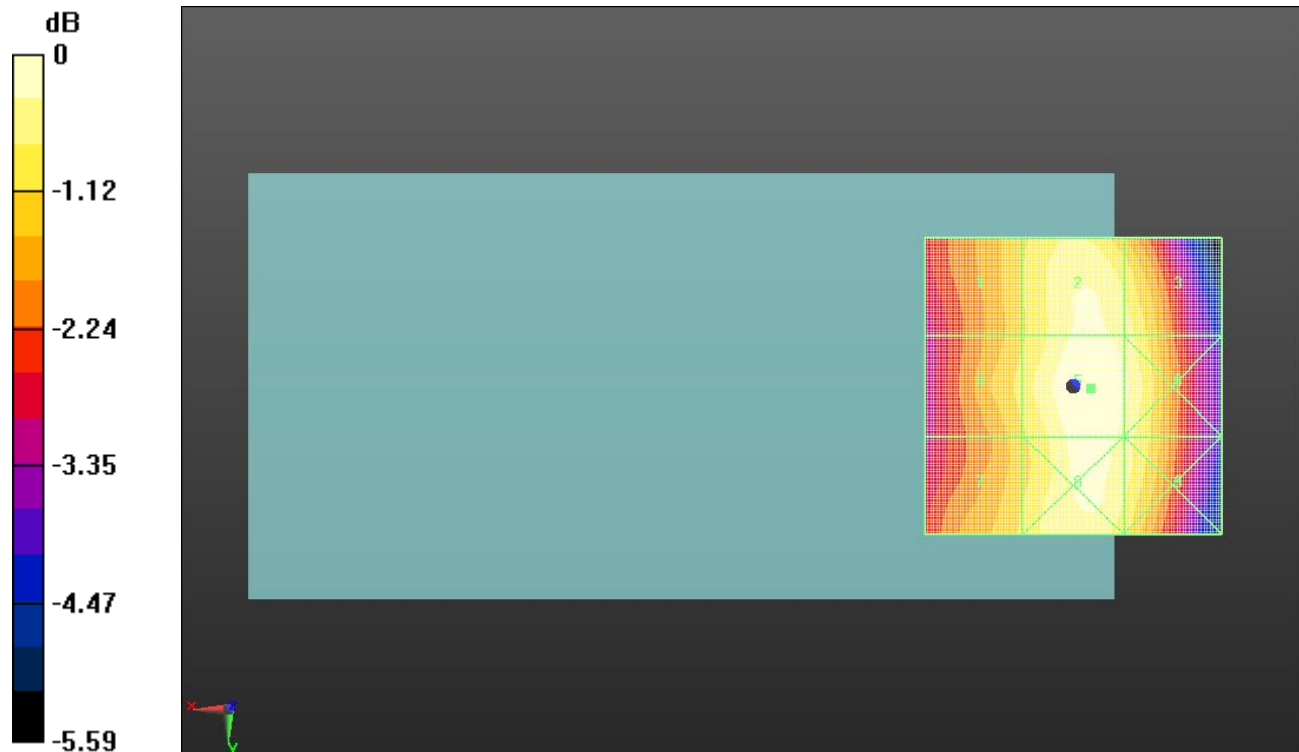
Applied MIF = 3.26 dB

RF audio interference level = 28.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.13 dBV/m	Grid 2 M4 27.98 dBV/m	Grid 3 M4 27.73 dBV/m
Grid 4 M4 27.29 dBV/m	Grid 5 M4 28.24 dBV/m	Grid 6 M4 27.97 dBV/m
Grid 7 M4 27.21 dBV/m	Grid 8 M4 28.07 dBV/m	Grid 9 M4 27.75 dBV/m



0 dB = 25.82 V/m = 28.24 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 = 24.31 V/m; Power Drift = 0.01 dB

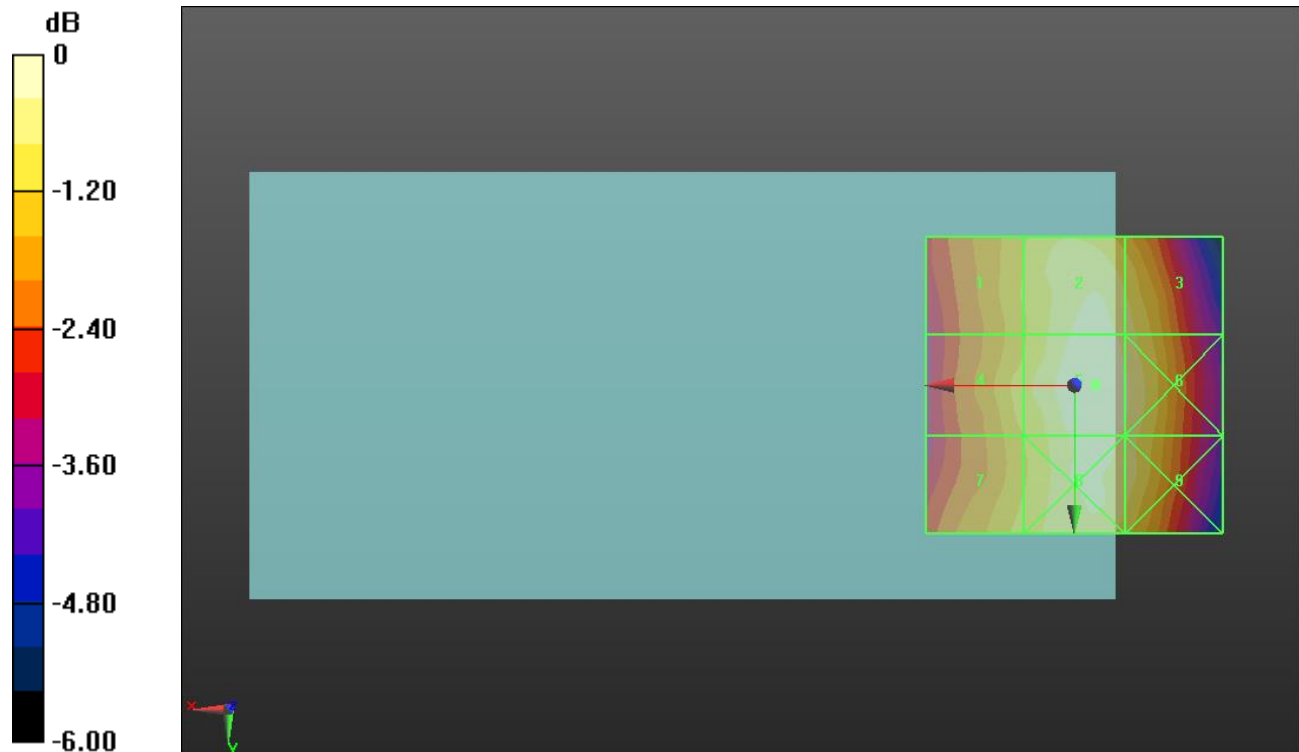
Applied MIF = 3.26 dB

RF audio interference level = 28.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.22 dBV/m	Grid 2 M4 28.15 dBV/m	Grid 3 M4 27.83 dBV/m
Grid 4 M4 27.44 dBV/m	Grid 5 M4 28.37 dBV/m	Grid 6 M4 28.06 dBV/m
Grid 7 M4 27.37 dBV/m	Grid 8 M4 28.17 dBV/m	Grid 9 M4 27.87 dBV/m



0 dB = 26.21 V/m = 28.37 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 = 24.71 V/m; Power Drift = 0.03 dB

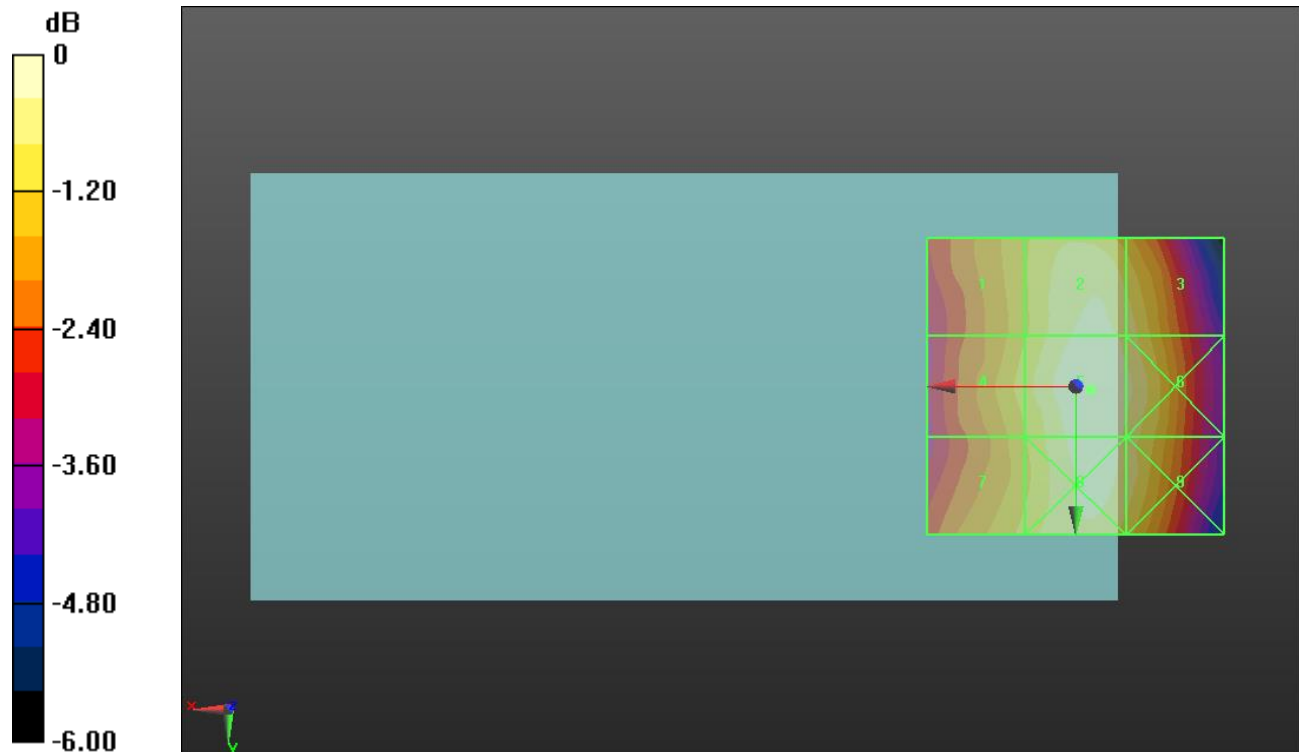
Applied MIF = 3.26 dB

RF audio interference level = 28.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.23 dBV/m	Grid 2 M4 28.21 dBV/m	Grid 3 M4 27.93 dBV/m
Grid 4 M4 27.49 dBV/m	Grid 5 M4 28.46 dBV/m	Grid 6 M4 28.17 dBV/m
Grid 7 M4 27.43 dBV/m	Grid 8 M4 28.33 dBV/m	Grid 9 M4 27.96 dBV/m



0 dB = 26.49 V/m = 28.46 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 10.34 V/m; Power Drift = -0.28 dB

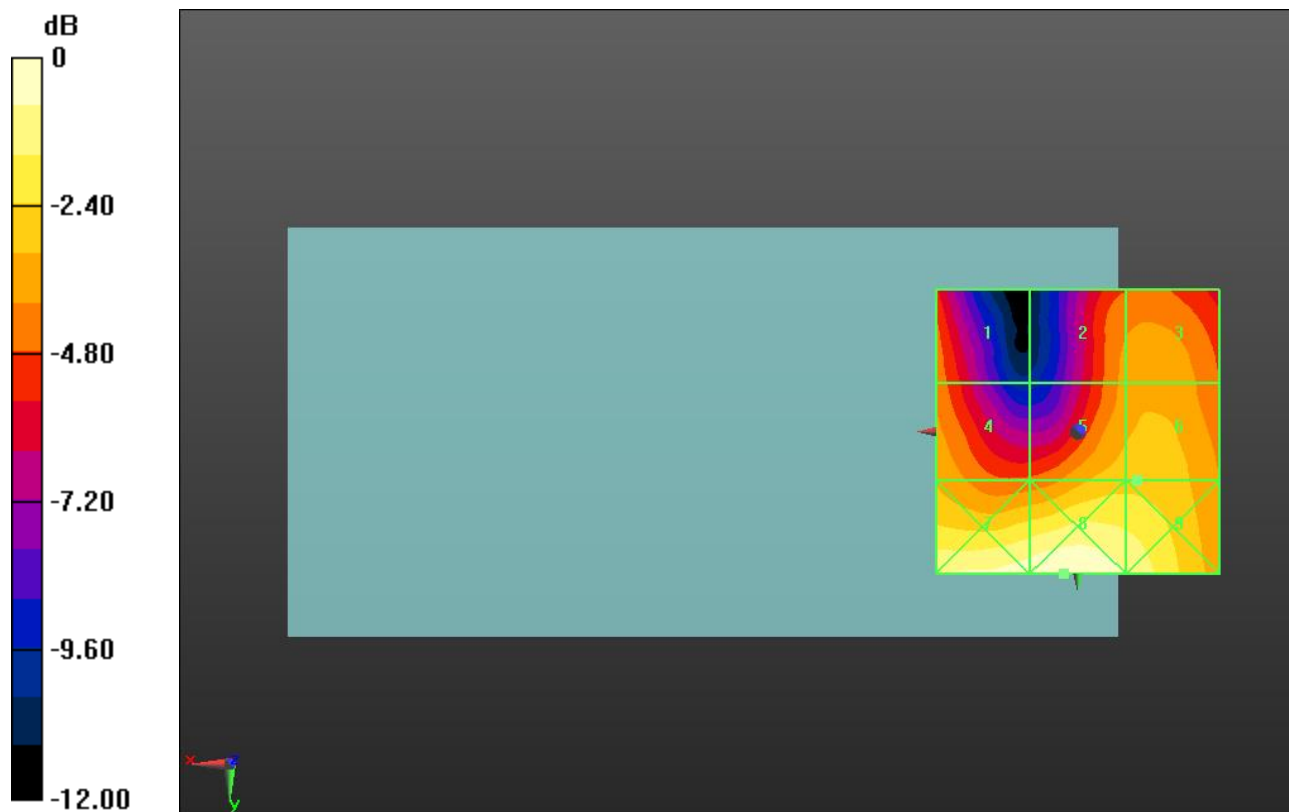
Applied MIF = -1.44 dB

RF audio interference level = 19.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.4 dBV/m	Grid 2 M4 18.91 dBV/m	Grid 3 M4 19.25 dBV/m
Grid 4 M4 19.34 dBV/m	Grid 5 M4 19.94 dBV/m	Grid 6 M4 19.97 dBV/m
Grid 7 M4 22.33 dBV/m	Grid 8 M4 22.6 dBV/m	Grid 9 M4 21.76 dBV/m



0 dB = 13.49 V/m = 22.60 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 10.29 V/m; Power Drift = -0.14 dB

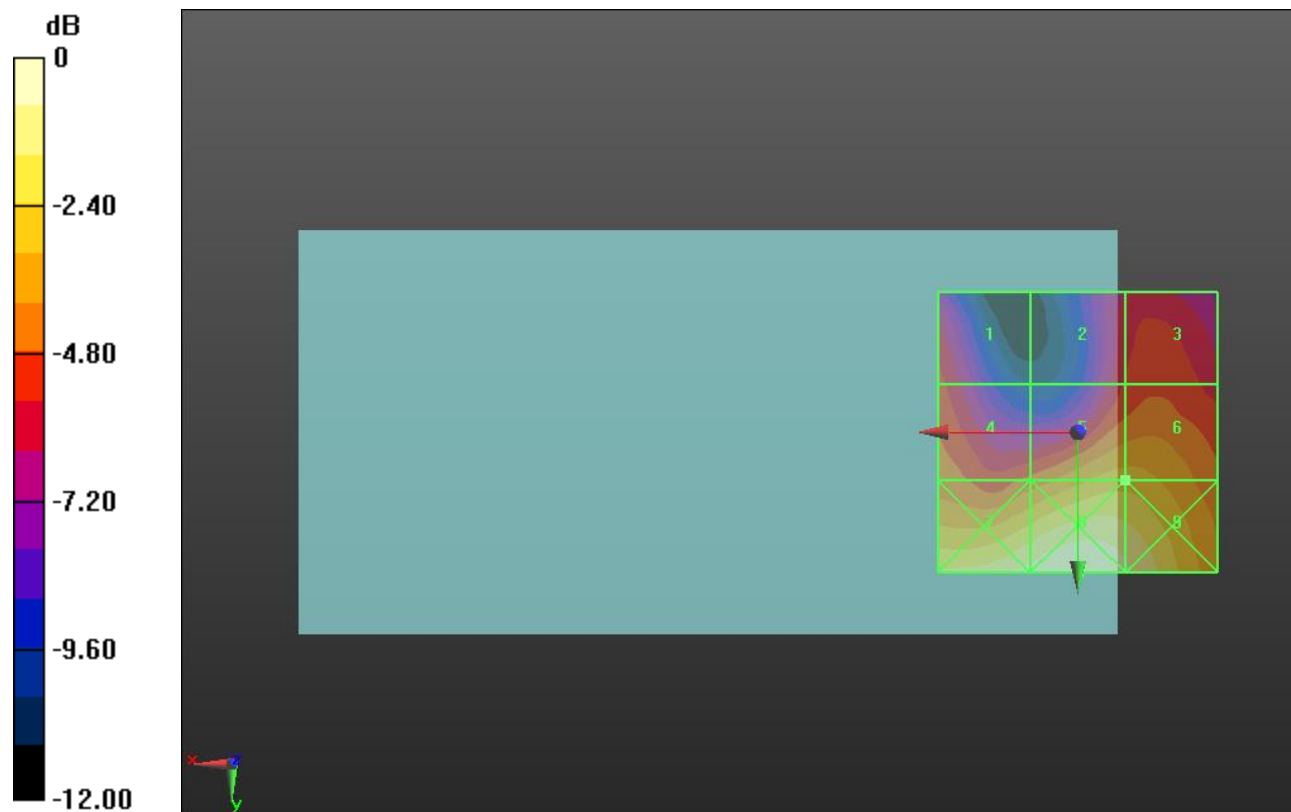
Applied MIF = -1.44 dB

RF audio interference level = 20.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.23 dBV/m	Grid 2 M4 18.06 dBV/m	Grid 3 M4 18.56 dBV/m
Grid 4 M4 19.15 dBV/m	Grid 5 M4 20.73 dBV/m	Grid 6 M4 20.73 dBV/m
Grid 7 M4 23.01 dBV/m	Grid 8 M4 23.48 dBV/m	Grid 9 M4 22.88 dBV/m



0 dB = 14.94 V/m = 23.49 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 12.28 V/m; Power Drift = -0.07 dB

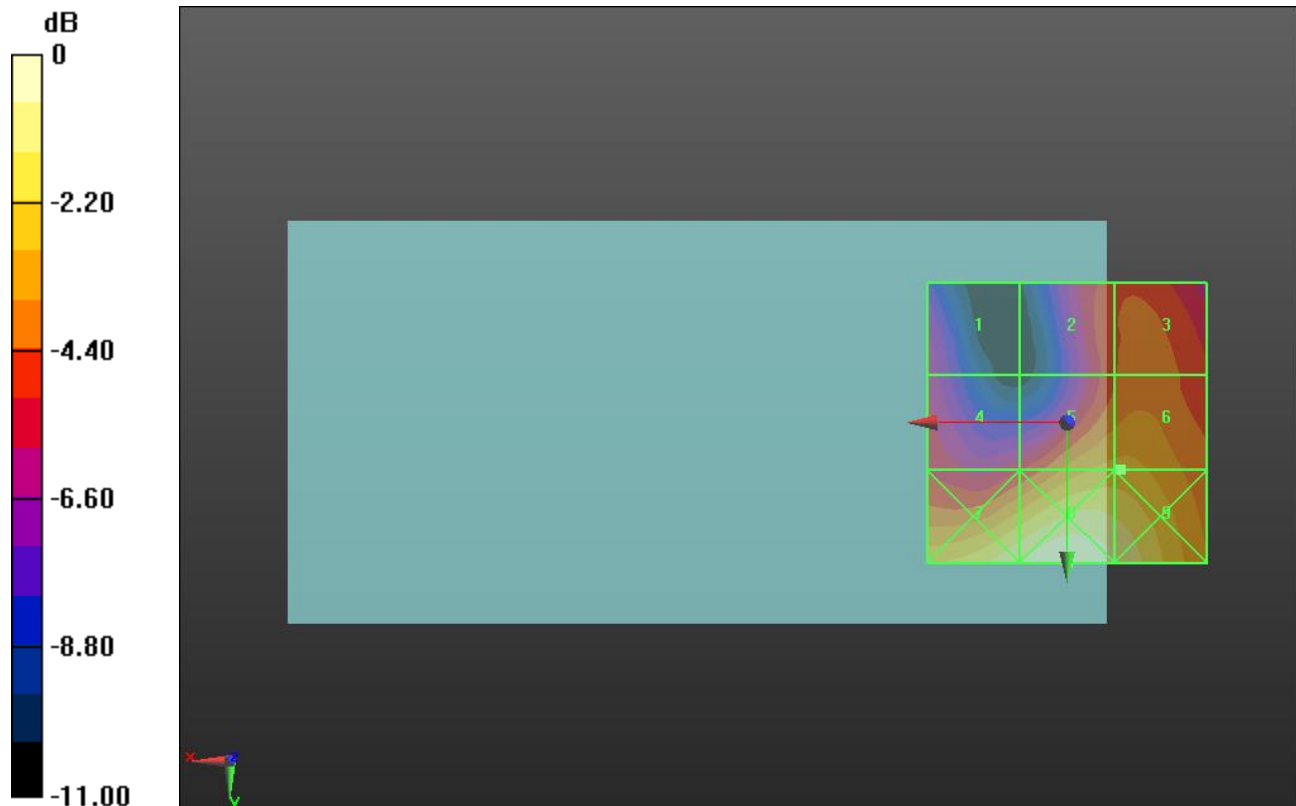
Applied MIF = -1.44 dB

RF audio interference level = 22.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.84 dBV/m	Grid 2 M4 20.41 dBV/m	Grid 3 M4 20.91 dBV/m
Grid 4 M4 19.71 dBV/m	Grid 5 M4 22.2 dBV/m	Grid 6 M4 22.21 dBV/m
Grid 7 M4 24.19 dBV/m	Grid 8 M4 24.84 dBV/m	Grid 9 M4 24.2 dBV/m



0 dB = 17.47 V/m = 24.85 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.46 V/m; Power Drift = -0.16 dB

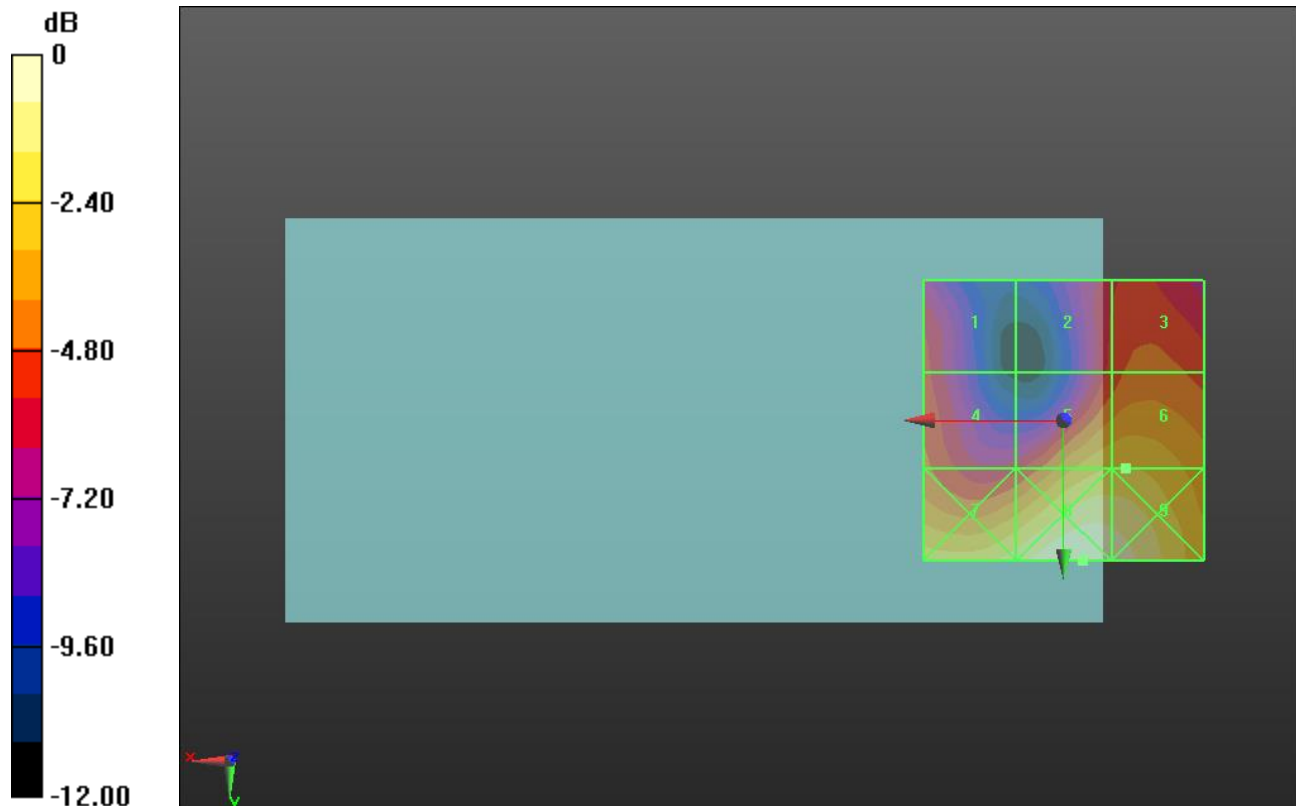
Applied MIF = -1.44 dB

RF audio interference level = 22.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20 dBV/m	Grid 2 M4 19.96 dBV/m	Grid 3 M4 20.8 dBV/m
Grid 4 M4 20.71 dBV/m	Grid 5 M4 22.85 dBV/m	Grid 6 M4 22.9 dBV/m
Grid 7 M4 24.1 dBV/m	Grid 8 M4 25.23 dBV/m	Grid 9 M4 24.98 dBV/m



0 dB = 18.27 V/m = 25.23 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 10.54 V/m; Power Drift = -0.22 dB

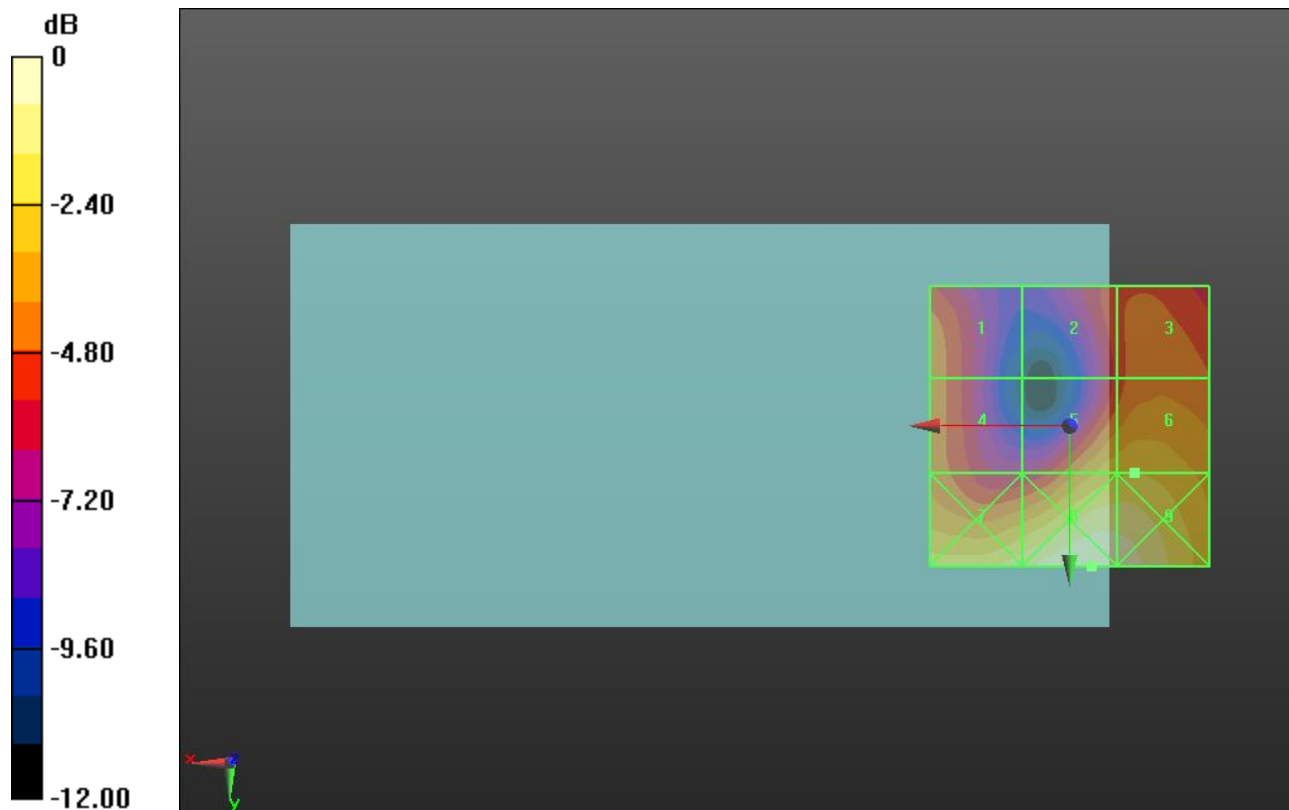
Applied MIF = -1.44 dB

RF audio interference level = 22.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.07 dBV/m	Grid 2 M4 20.35 dBV/m	Grid 3 M4 21.21 dBV/m
Grid 4 M4 21.16 dBV/m	Grid 5 M4 22.8 dBV/m	Grid 6 M4 22.96 dBV/m
Grid 7 M4 24.24 dBV/m	Grid 8 M4 25.34 dBV/m	Grid 9 M4 25.12 dBV/m



0 dB = 18.49 V/m = 25.34 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.493 V/m; Power Drift = -0.79 dB

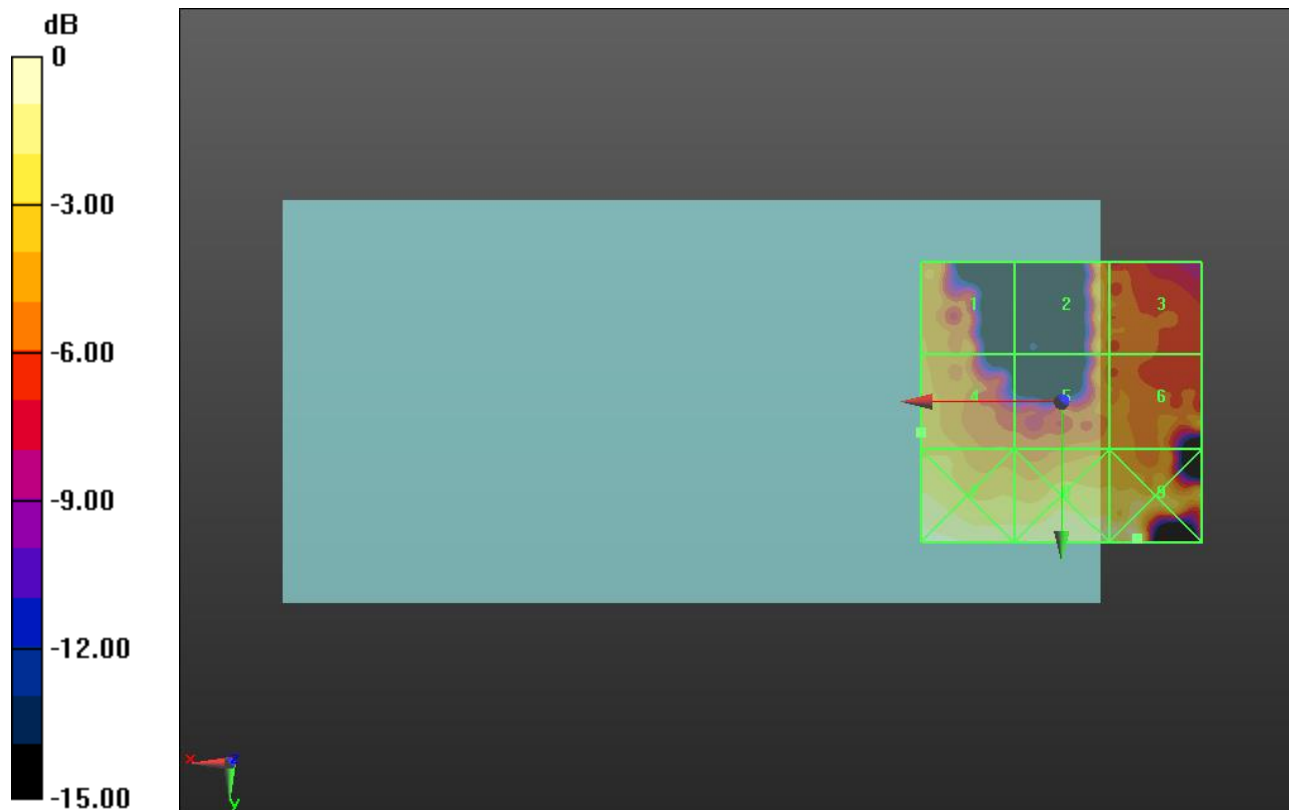
Applied MIF = -1.44 dB

RF audio interference level = 11.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.41 dBV/m	Grid 2 M4 11.08 dBV/m	Grid 3 M4 9.61 dBV/m
Grid 4 M4 11.15 dBV/m	Grid 5 M4 9.87 dBV/m	Grid 6 M4 10.32 dBV/m
Grid 7 M4 13.38 dBV/m	Grid 8 M4 13.83 dBV/m	Grid 9 M4 14.06 dBV/m



0 dB = 5.049 V/m = 14.06 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.902 V/m; Power Drift = -0.76 dB

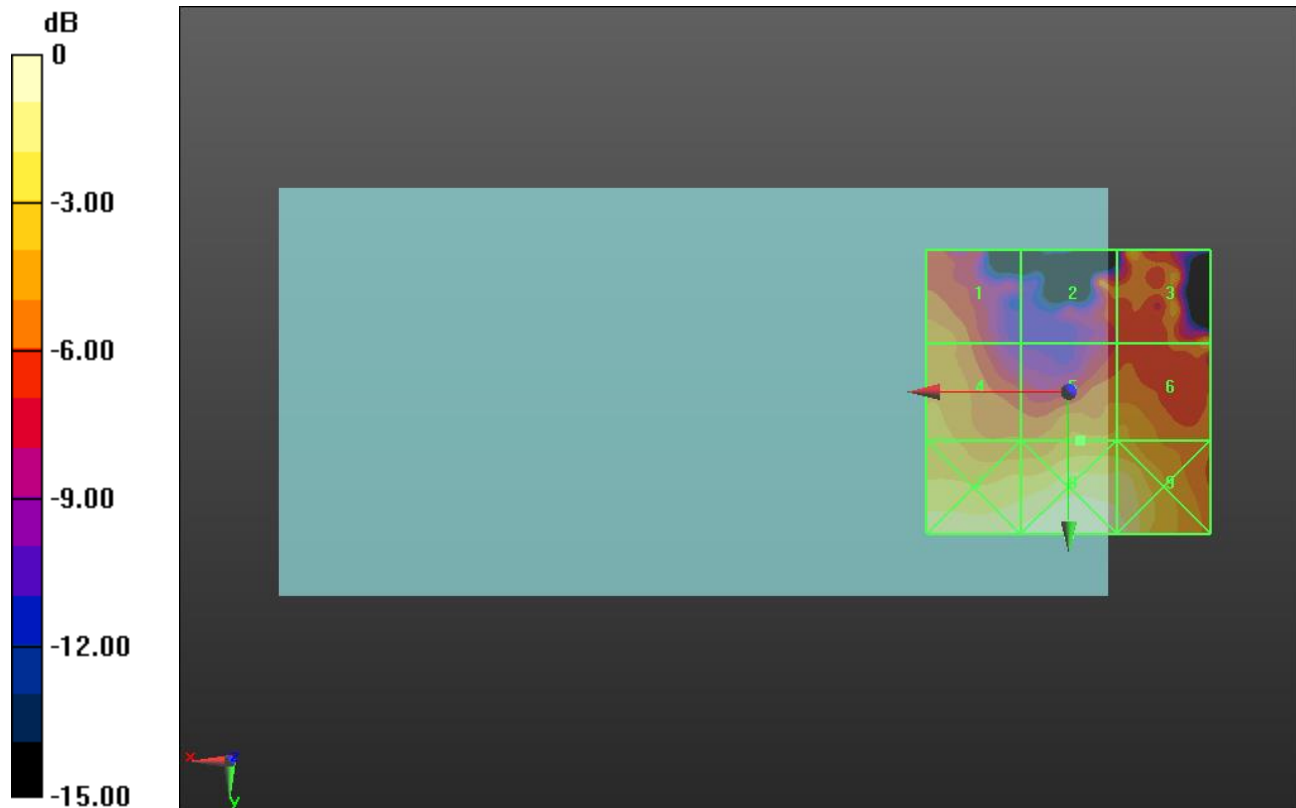
Applied MIF = -1.44 dB

RF audio interference level = 12.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.33 dBV/m	Grid 2 M4 10.36 dBV/m	Grid 3 M4 11.91 dBV/m
Grid 4 M4 12.1 dBV/m	Grid 5 M4 12.11 dBV/m	Grid 6 M4 12.08 dBV/m
Grid 7 M4 15.12 dBV/m	Grid 8 M4 15.83 dBV/m	Grid 9 M4 15.25 dBV/m



0 dB = 6.184 V/m = 15.83 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.238 V/m; Power Drift = -0.35 dB

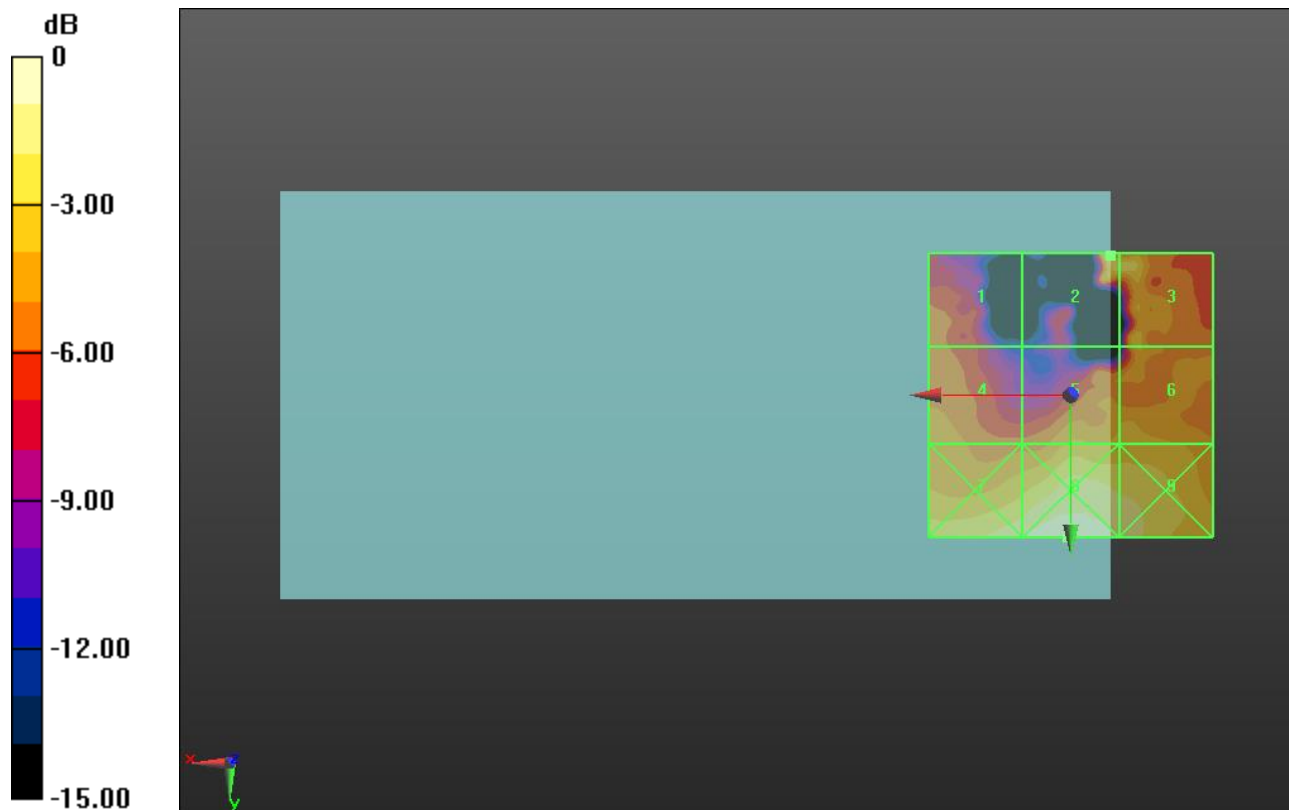
Applied MIF = -1.44 dB

RF audio interference level = 12.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.39 dBV/m	Grid 2 M4 12.43 dBV/m	Grid 3 M4 12.19 dBV/m
Grid 4 M4 10.26 dBV/m	Grid 5 M4 10.96 dBV/m	Grid 6 M4 11.08 dBV/m
Grid 7 M4 13.63 dBV/m	Grid 8 M4 14.62 dBV/m	Grid 9 M4 13.55 dBV/m



0 dB = 5.382 V/m = 14.62 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.027 V/m; Power Drift = 0.60 dB

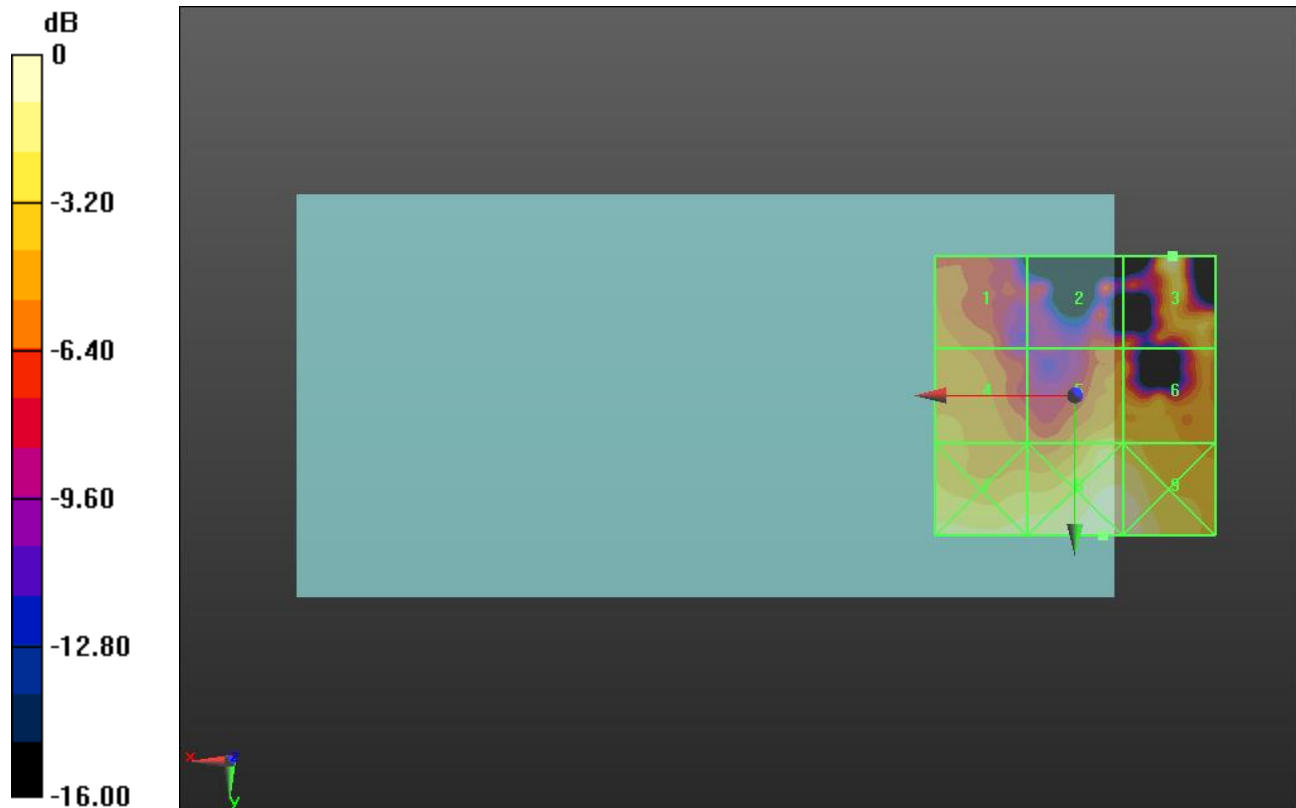
Applied MIF = -1.44 dB

RF audio interference level = 13.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.55 dBV/m	Grid 2 M4 8.14 dBV/m	Grid 3 M4 13.58 dBV/m
Grid 4 M4 10.14 dBV/m	Grid 5 M4 11.56 dBV/m	Grid 6 M4 11.25 dBV/m
Grid 7 M4 12.55 dBV/m	Grid 8 M4 14.18 dBV/m	Grid 9 M4 13.86 dBV/m



0 dB = 5.119 V/m = 14.18 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 2.419 V/m; Power Drift = -0.78 dB

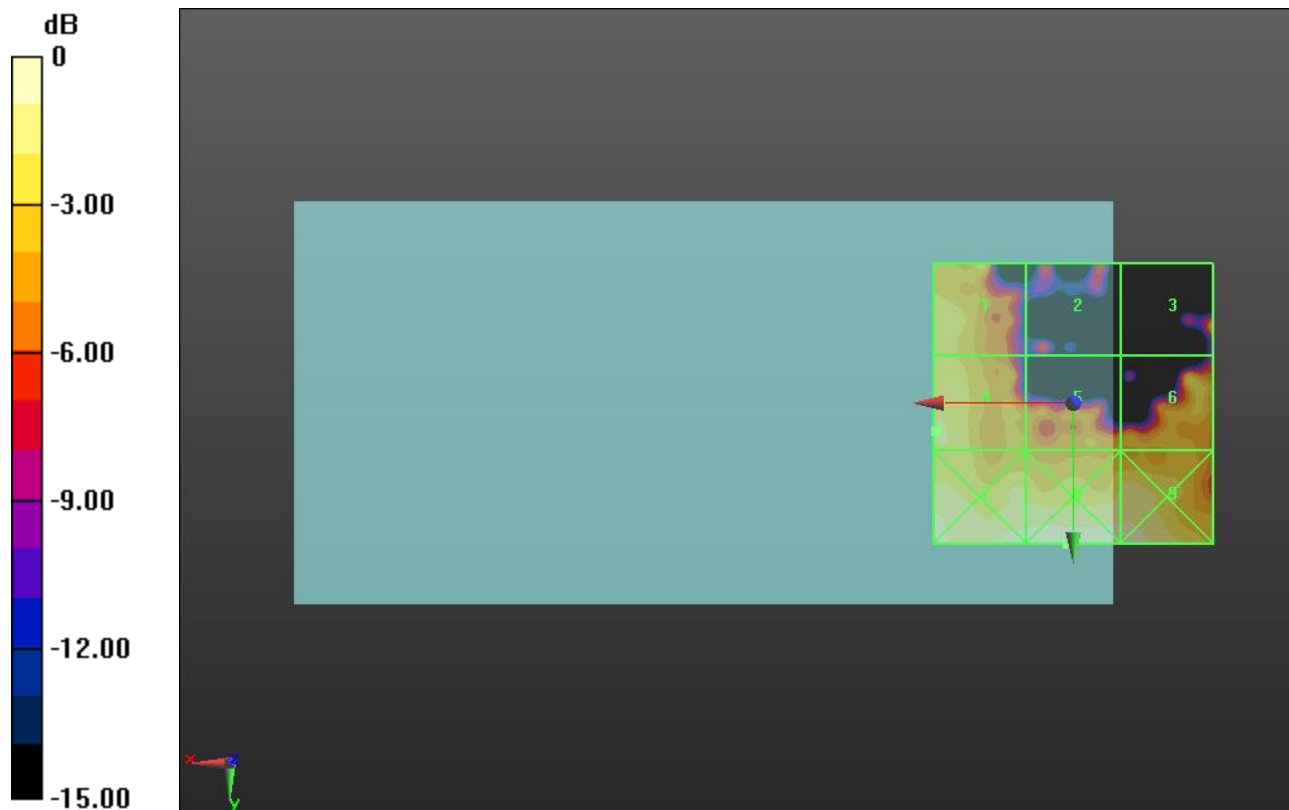
Applied MIF = -1.44 dB

RF audio interference level = 10.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.63 dBV/m	Grid 2 M4 5.68 dBV/m	Grid 3 M4 9.28 dBV/m
Grid 4 M4 10.02 dBV/m	Grid 5 M4 7.88 dBV/m	Grid 6 M4 9.85 dBV/m
Grid 7 M4 11.45 dBV/m	Grid 8 M4 11.73 dBV/m	Grid 9 M4 11.46 dBV/m



0 dB = 3.861 V/m = 11.73 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: 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)

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 = 111.7 V/m; Power Drift = -0.00 dB

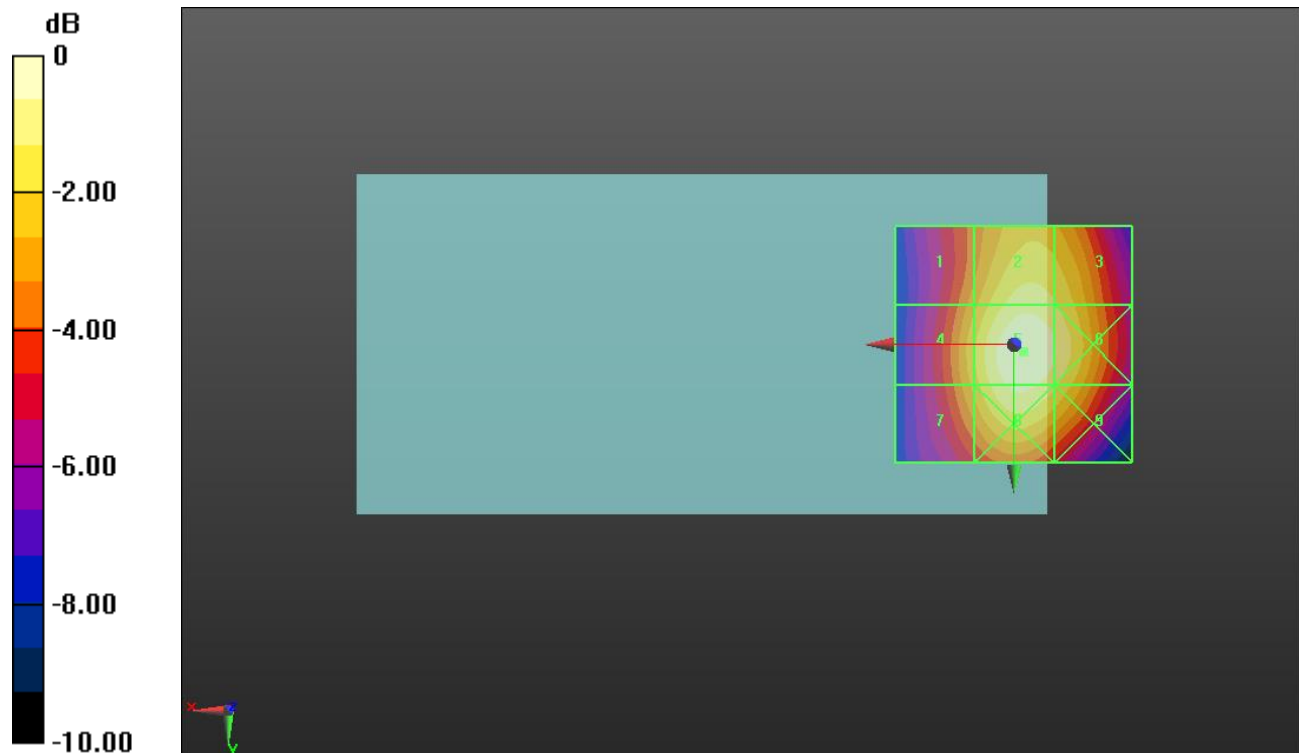
Applied MIF = 3.63 dB

RF audio interference level = 39.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.29 dBV/m	Grid 2 M4 38.28 dBV/m	Grid 3 M4 37.94 dBV/m
Grid 4 M4 37.11 dBV/m	Grid 5 M4 39.18 dBV/m	Grid 6 M4 38.59 dBV/m
Grid 7 M4 36.76 dBV/m	Grid 8 M4 38.72 dBV/m	Grid 9 M4 38 dBV/m



0 dB = 90.98 V/m = 39.18 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: 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)

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 = 121.7 V/m; Power Drift = 0.02 dB

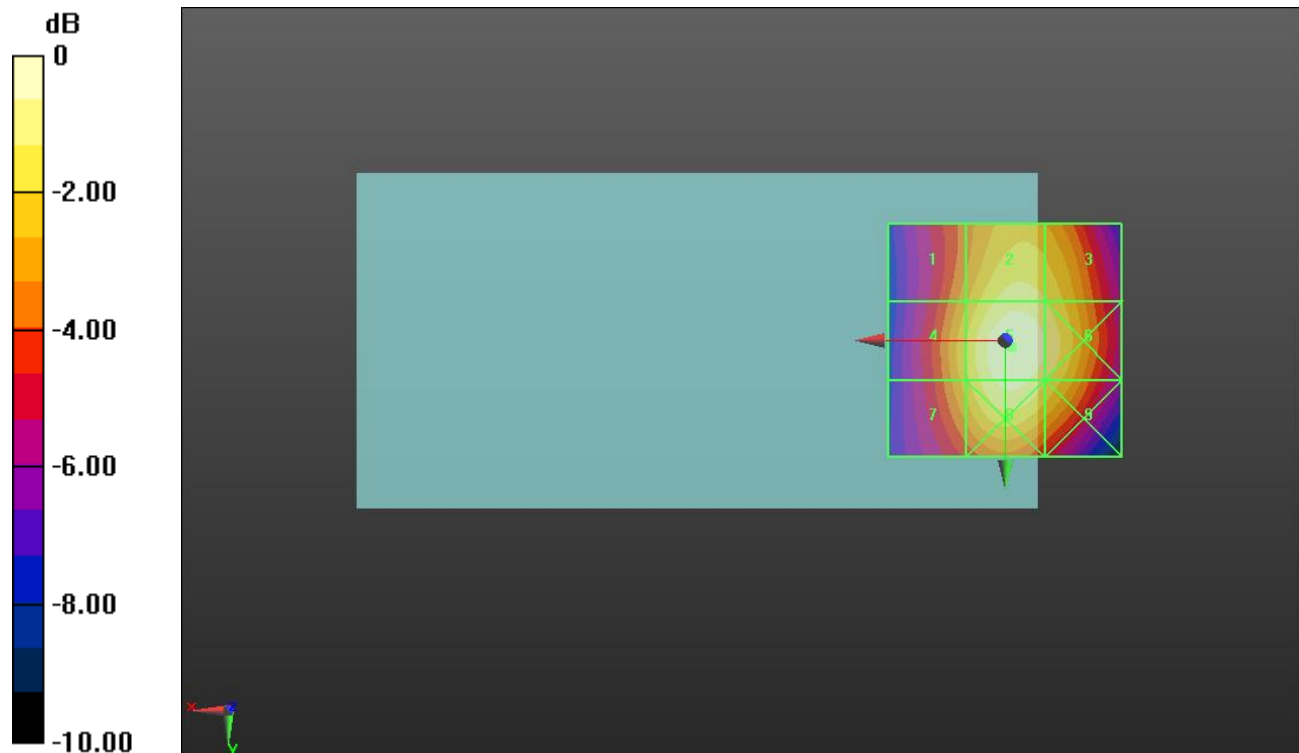
Applied MIF = 3.63 dB

RF audio interference level = 39.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.16 dBV/m	Grid 2 M4 39.06 dBV/m	Grid 3 M4 38.68 dBV/m
Grid 4 M4 38 dBV/m	Grid 5 M4 39.97 dBV/m	Grid 6 M4 39.34 dBV/m
Grid 7 M4 37.71 dBV/m	Grid 8 M4 39.58 dBV/m	Grid 9 M4 38.79 dBV/m



0 dB = 99.69 V/m = 39.97 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: 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)

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 = 126.0 V/m; Power Drift = 0.02 dB

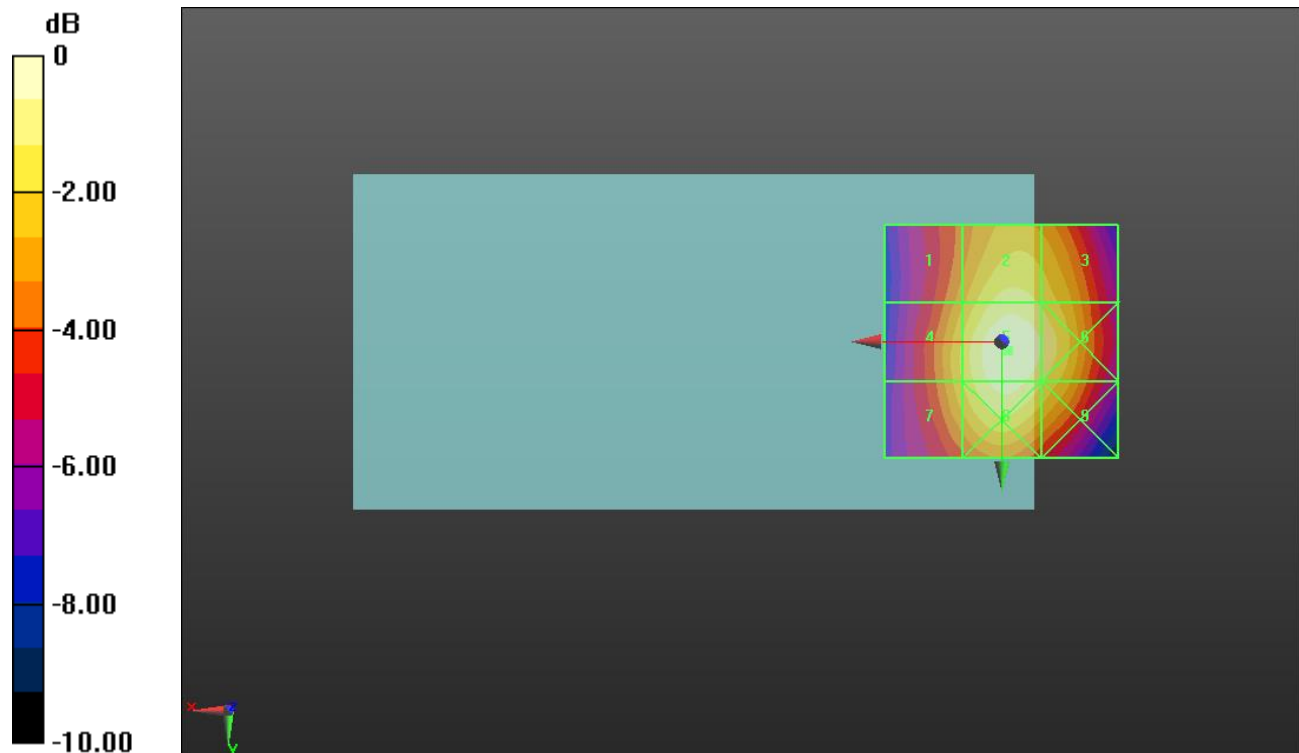
Applied MIF = 3.63 dB

RF audio interference level = 40.22 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.38 dBV/m	Grid 2 M4 39.24 dBV/m	Grid 3 M4 38.78 dBV/m
Grid 4 M4 38.41 dBV/m	Grid 5 M3 40.22 dBV/m	Grid 6 M4 39.55 dBV/m
Grid 7 M4 38.2 dBV/m	Grid 8 M4 39.86 dBV/m	Grid 9 M4 39.02 dBV/m



0 dB = 102.5 V/m = 40.21 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: 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)

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 = 38.99 V/m; Power Drift = 0.01 dB

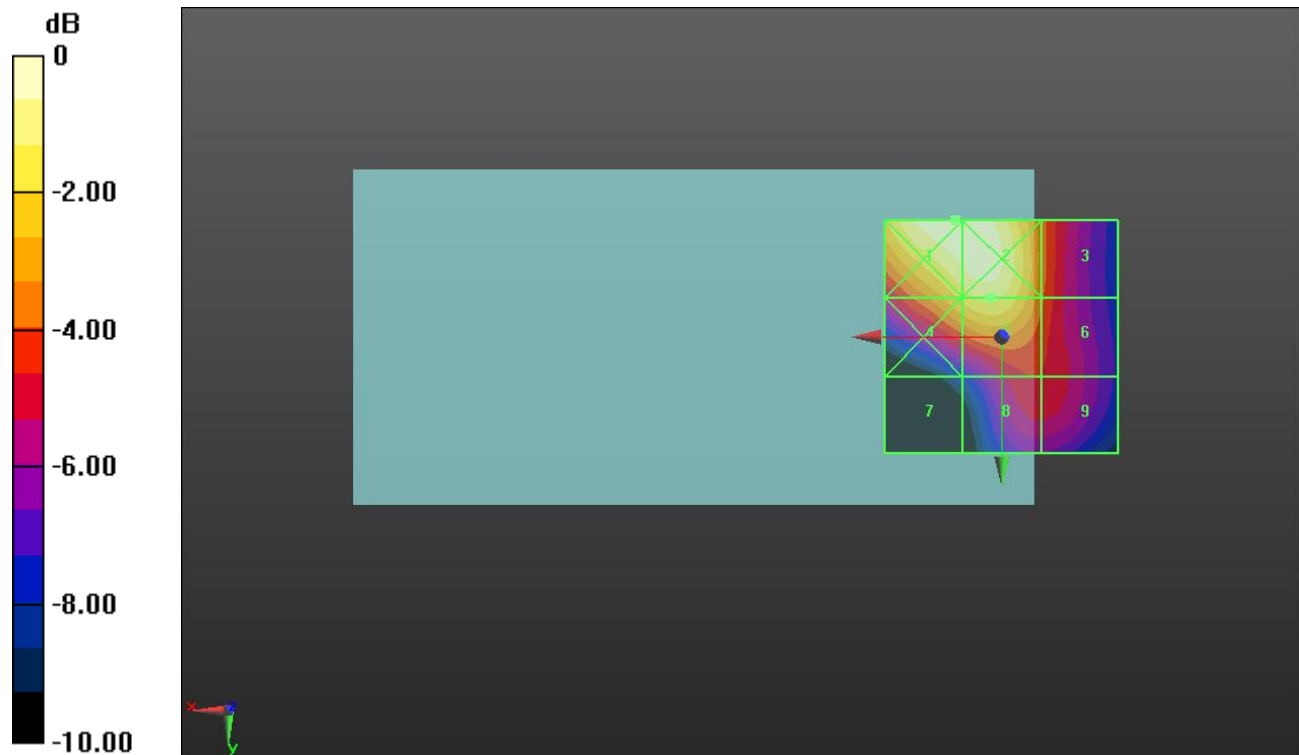
Applied MIF = 3.63 dB

RF audio interference level = 34.69 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 35.85 dBV/m	Grid 2 M2 35.83 dBV/m	Grid 3 M3 32.27 dBV/m
Grid 4 M3 34.05 dBV/m	Grid 5 M3 34.69 dBV/m	Grid 6 M3 32.04 dBV/m
Grid 7 M4 28.03 dBV/m	Grid 8 M3 31.21 dBV/m	Grid 9 M3 31.2 dBV/m



0 dB = 62.00 V/m = 35.85 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: 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)

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 = 38.32 V/m; Power Drift = 0.05 dB

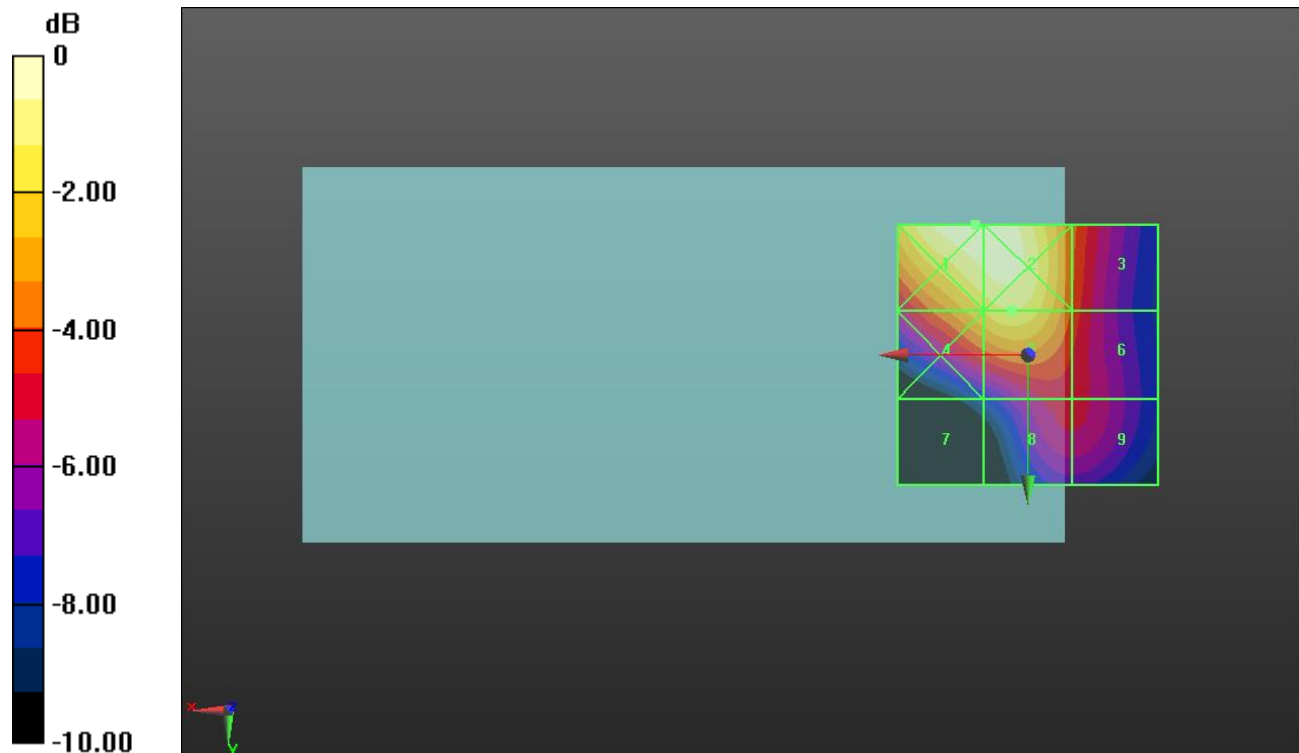
Applied MIF = 3.63 dB

RF audio interference level = 34.52 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 35.89 dBV/m	Grid 2 M2 35.87 dBV/m	Grid 3 M3 32.15 dBV/m
Grid 4 M3 33.96 dBV/m	Grid 5 M3 34.52 dBV/m	Grid 6 M3 31.77 dBV/m
Grid 7 M4 27.97 dBV/m	Grid 8 M3 30.9 dBV/m	Grid 9 M3 30.88 dBV/m



0 dB = 62.31 V/m = 35.89 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: 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)

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 = 34.09 V/m; Power Drift = -0.02 dB

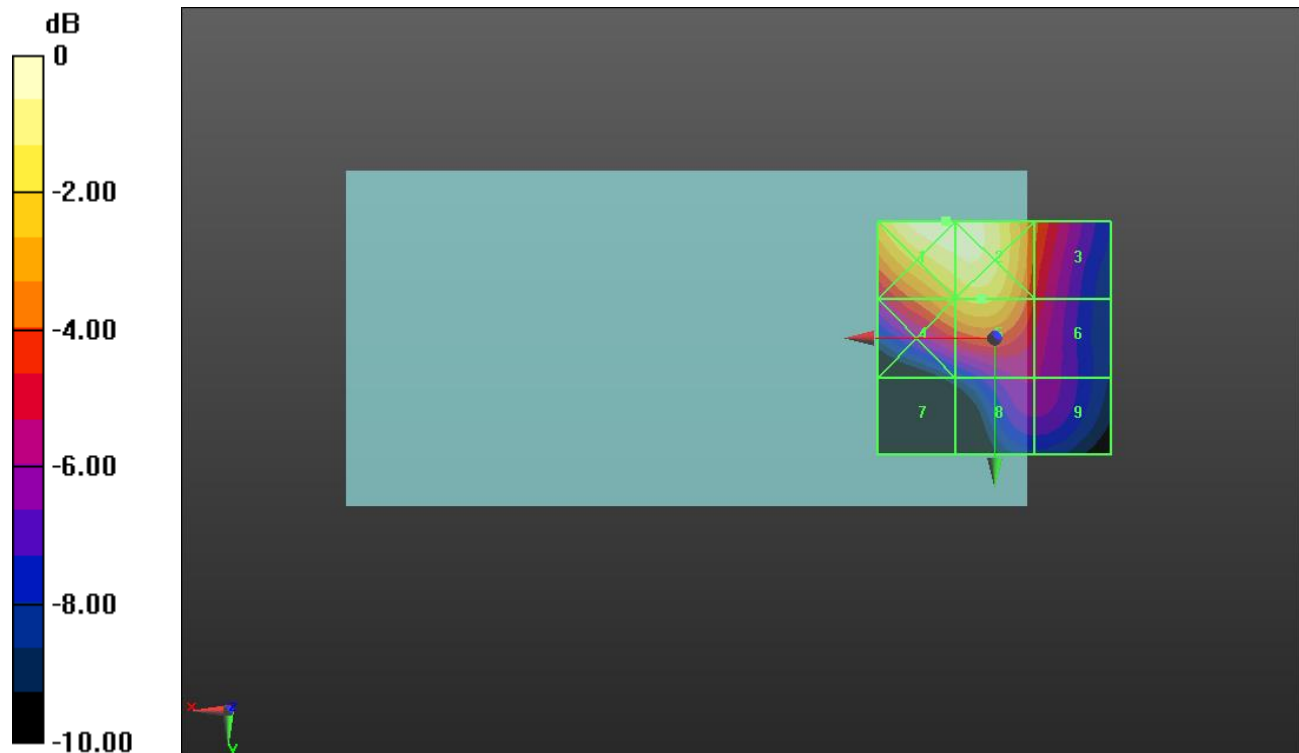
Applied MIF = 3.63 dB

RF audio interference level = 33.55 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 35.31 dBV/m	Grid 2 M2 35.28 dBV/m	Grid 3 M3 31.61 dBV/m
Grid 4 M3 33.05 dBV/m	Grid 5 M3 33.55 dBV/m	Grid 6 M3 30.69 dBV/m
Grid 7 M4 26.75 dBV/m	Grid 8 M4 29.41 dBV/m	Grid 9 M4 29.39 dBV/m



0 dB = 58.30 V/m = 35.31 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 = 53.85 V/m; Power Drift = 0.03 dB

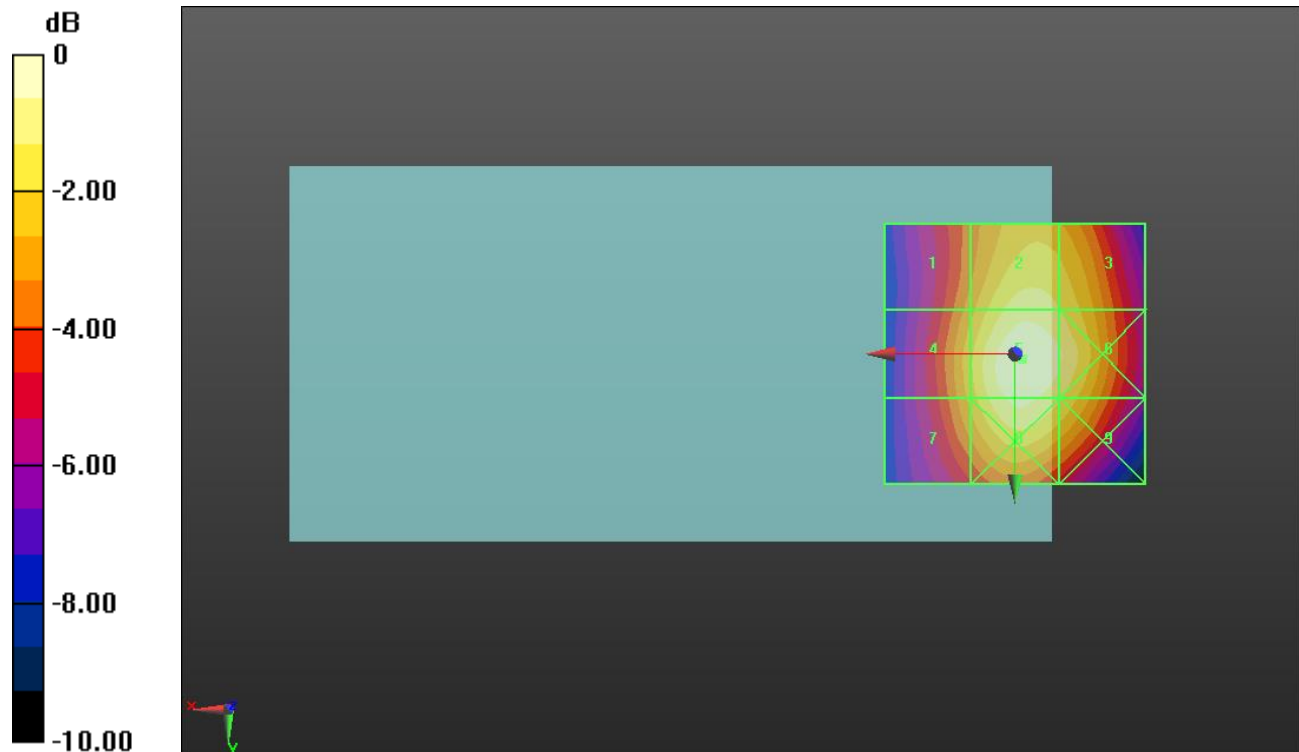
Applied MIF = 3.26 dB

RF audio interference level = 32.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.62 dBV/m	Grid 2 M4 31.61 dBV/m	Grid 3 M4 31.22 dBV/m
Grid 4 M4 30.42 dBV/m	Grid 5 M4 32.53 dBV/m	Grid 6 M4 31.95 dBV/m
Grid 7 M4 30.11 dBV/m	Grid 8 M4 32.07 dBV/m	Grid 9 M4 31.31 dBV/m



0 dB = 42.30 V/m = 32.53 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 = 57.00 V/m; Power Drift = 0.05 dB

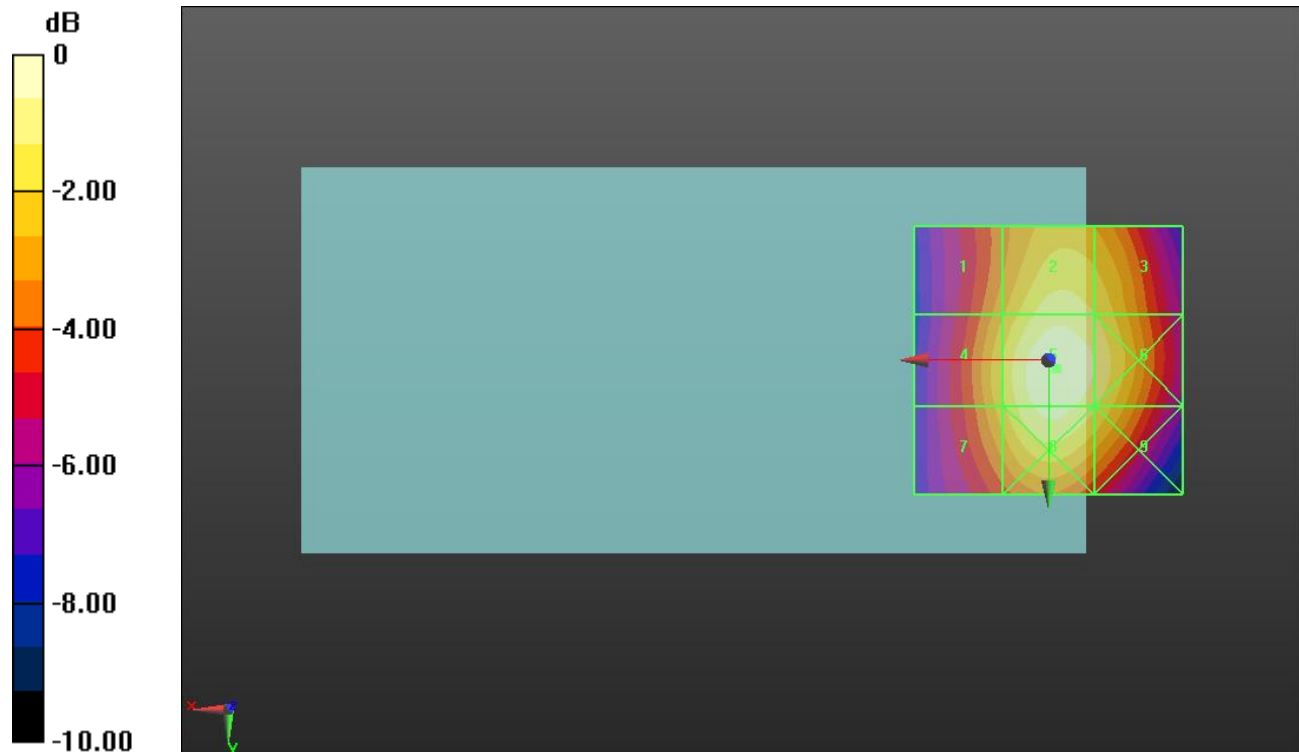
Applied MIF = 3.26 dB

RF audio interference level = 33.01 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.28 dBV/m	Grid 2 M4 32.13 dBV/m	Grid 3 M4 31.72 dBV/m
Grid 4 M4 31.14 dBV/m	Grid 5 M4 33.01 dBV/m	Grid 6 M4 32.33 dBV/m
Grid 7 M4 30.86 dBV/m	Grid 8 M4 32.64 dBV/m	Grid 9 M4 31.82 dBV/m



0 dB = 44.71 V/m = 33.01 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 = 59.45 V/m; Power Drift = 0.04 dB

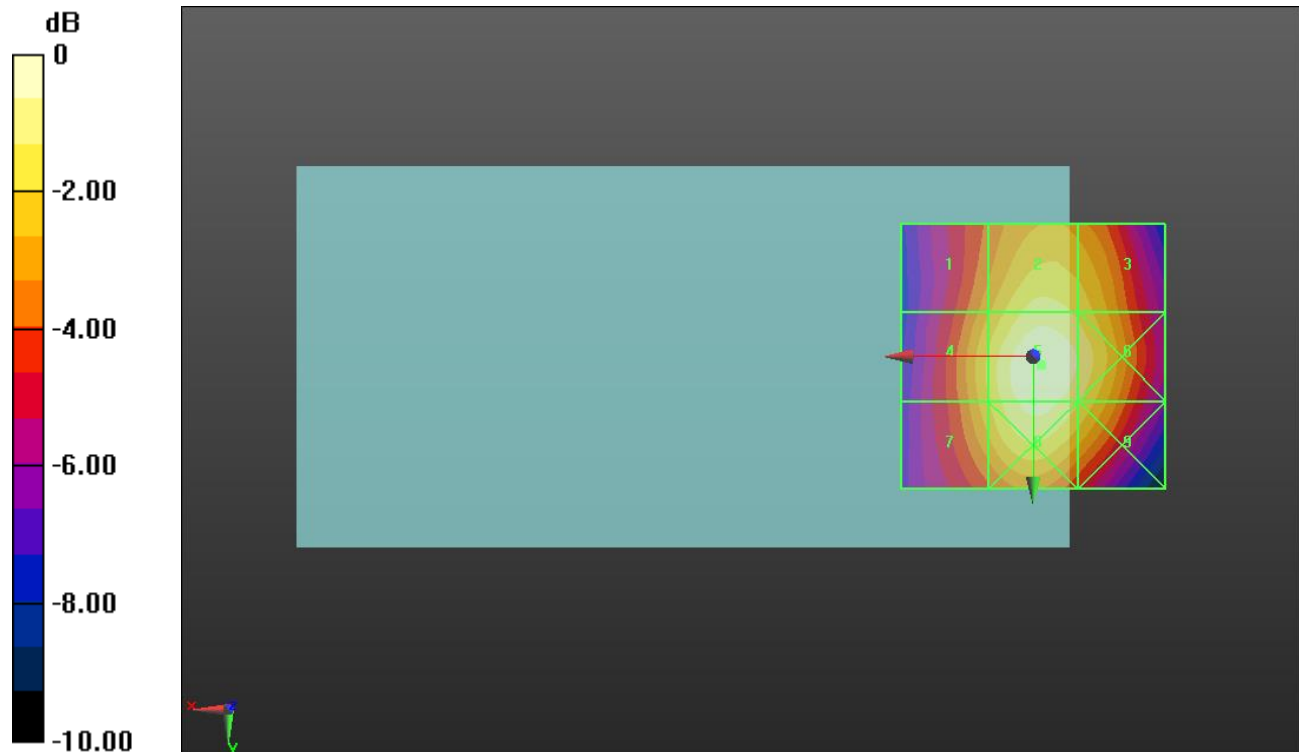
Applied MIF = 3.26 dB

RF audio interference level = 33.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.6 dBV/m	Grid 2 M4 32.39 dBV/m	Grid 3 M4 31.9 dBV/m
Grid 4 M4 31.55 dBV/m	Grid 5 M4 33.38 dBV/m	Grid 6 M4 32.68 dBV/m
Grid 7 M4 31.32 dBV/m	Grid 8 M4 33.02 dBV/m	Grid 9 M4 32.14 dBV/m



0 dB = 46.69 V/m = 33.38 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 = 22.38 V/m; Power Drift = -0.03 dB

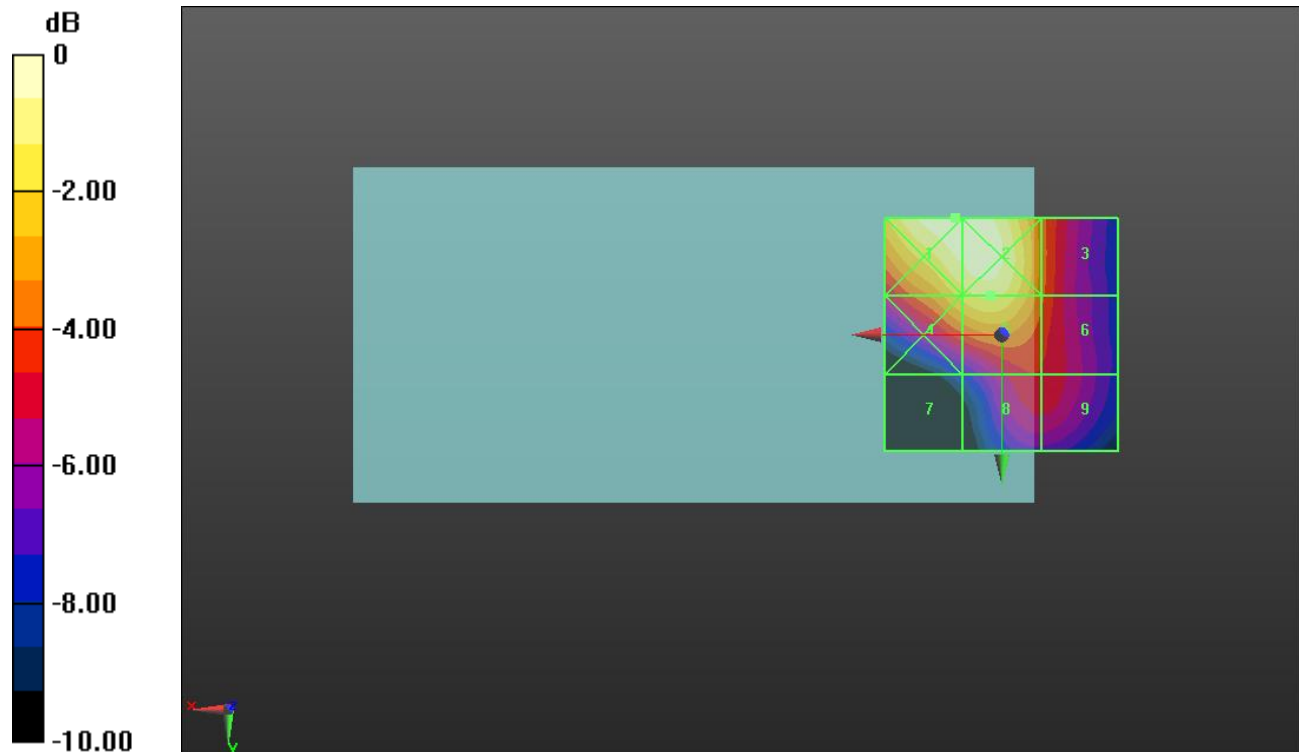
Applied MIF = 3.26 dB

RF audio interference level = 29.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 30.7 dBV/m	Grid 2 M3 30.68 dBV/m	Grid 3 M4 27.16 dBV/m
Grid 4 M4 28.95 dBV/m	Grid 5 M4 29.53 dBV/m	Grid 6 M4 26.93 dBV/m
Grid 7 M4 22.98 dBV/m	Grid 8 M4 26.04 dBV/m	Grid 9 M4 26.01 dBV/m



0 dB = 34.27 V/m = 30.70 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 = 21.80 V/m; Power Drift = -0.01 dB

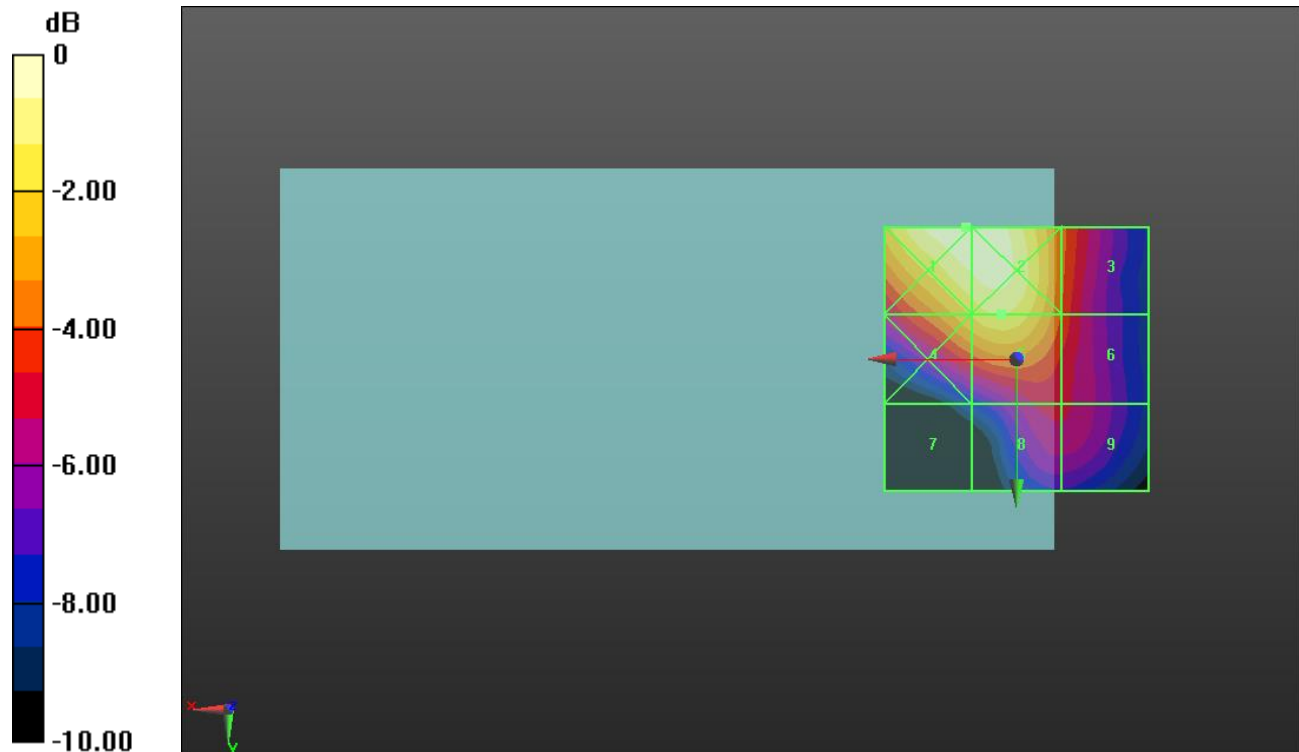
Applied MIF = 3.26 dB

RF audio interference level = 29.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 30.57 dBV/m	Grid 2 M3 30.57 dBV/m	Grid 3 M4 26.9 dBV/m
Grid 4 M4 28.67 dBV/m	Grid 5 M4 29.24 dBV/m	Grid 6 M4 26.49 dBV/m
Grid 7 M4 22.71 dBV/m	Grid 8 M4 25.47 dBV/m	Grid 9 M4 25.42 dBV/m



0 dB = 33.77 V/m = 30.57 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 = 19.96 V/m; Power Drift = -0.01 dB

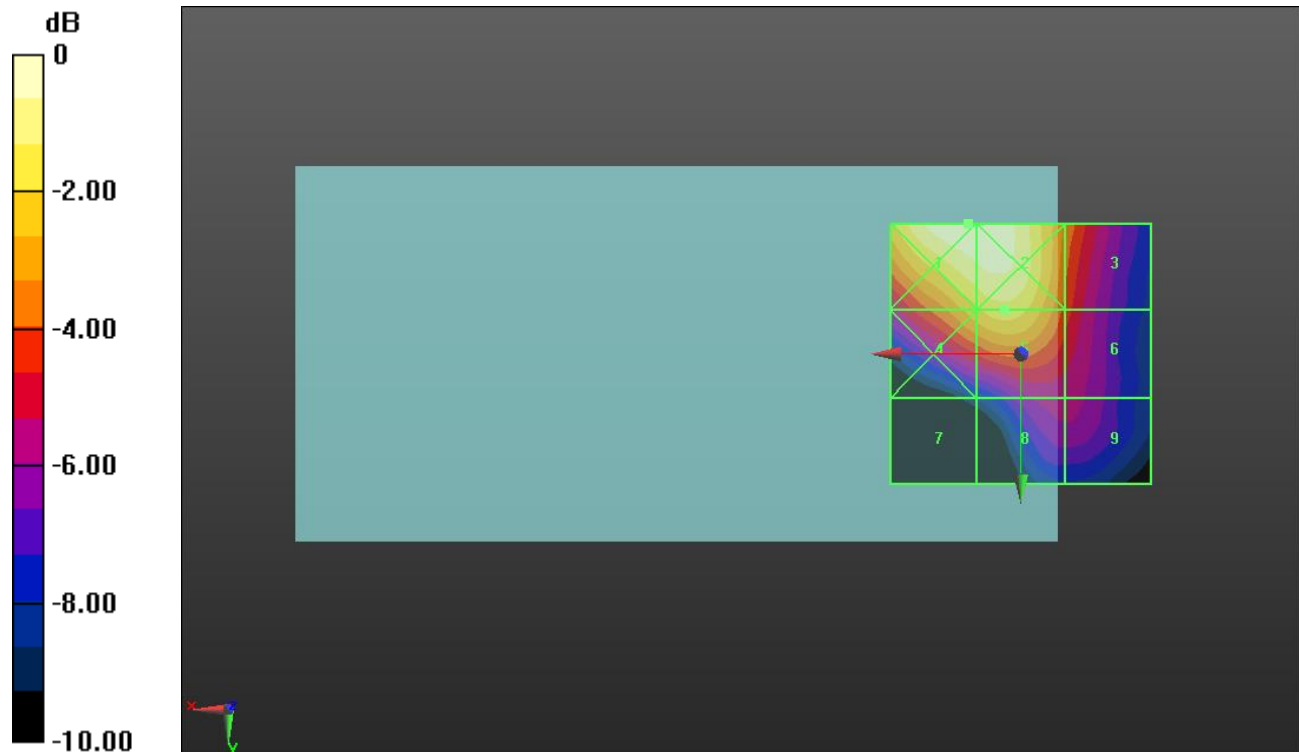
Applied MIF = 3.26 dB

RF audio interference level = 28.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.14 dBV/m	Grid 2 M3 30.13 dBV/m	Grid 3 M4 26.73 dBV/m
Grid 4 M4 27.98 dBV/m	Grid 5 M4 28.54 dBV/m	Grid 6 M4 25.89 dBV/m
Grid 7 M4 21.64 dBV/m	Grid 8 M4 24.5 dBV/m	Grid 9 M4 24.47 dBV/m



0 dB = 32.13 V/m = 30.14 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 = 51.60 V/m; Power Drift = 0.08 dB

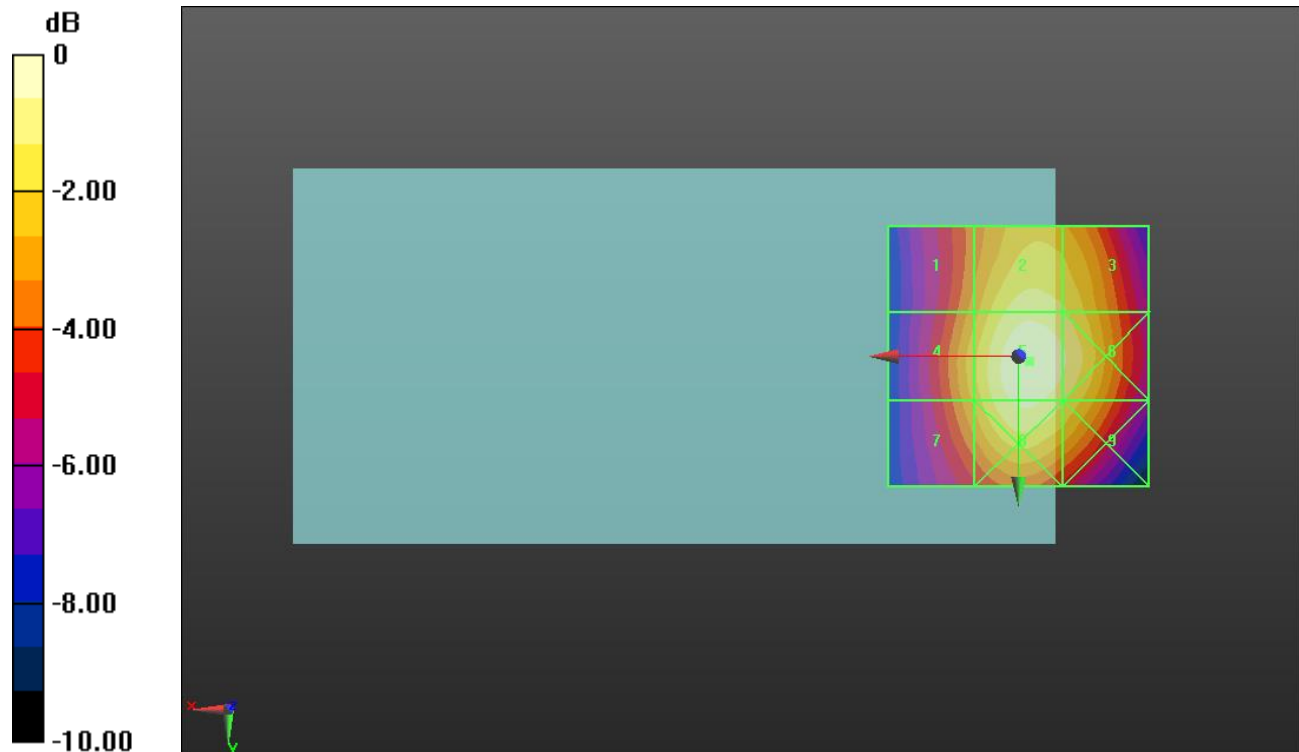
Applied MIF = 3.26 dB

RF audio interference level = 32.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.29 dBV/m	Grid 2 M4 31.34 dBV/m	Grid 3 M4 30.98 dBV/m
Grid 4 M4 30.09 dBV/m	Grid 5 M4 32.2 dBV/m	Grid 6 M4 31.64 dBV/m
Grid 7 M4 29.72 dBV/m	Grid 8 M4 31.71 dBV/m	Grid 9 M4 30.98 dBV/m



0 dB = 40.75 V/m = 32.20 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 = 52.99 V/m; Power Drift = -0.01 dB

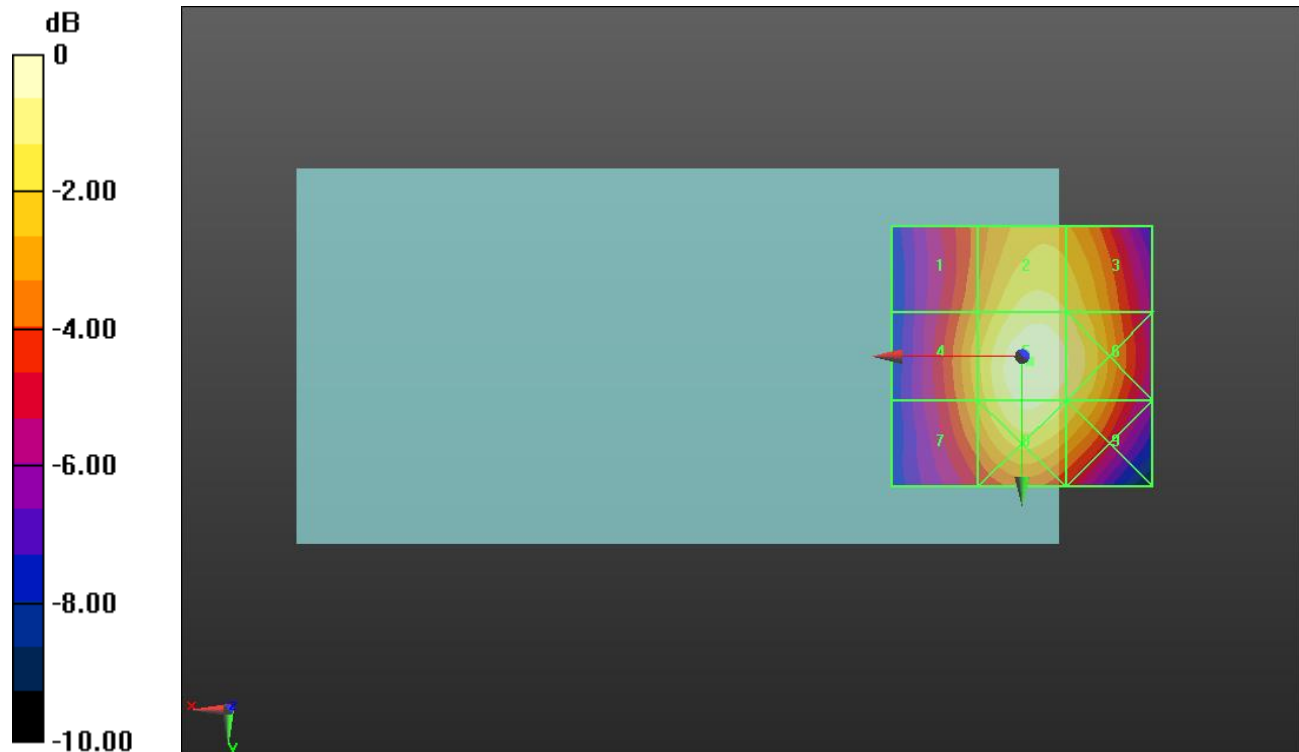
Applied MIF = 3.26 dB

RF audio interference level = 32.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.41 dBV/m	Grid 2 M4 31.46 dBV/m	Grid 3 M4 31.07 dBV/m
Grid 4 M4 30.24 dBV/m	Grid 5 M4 32.37 dBV/m	Grid 6 M4 31.79 dBV/m
Grid 7 M4 29.88 dBV/m	Grid 8 M4 31.92 dBV/m	Grid 9 M4 31.17 dBV/m



0 dB = 41.57 V/m = 32.38 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 = 53.81 V/m; Power Drift = -0.01 dB

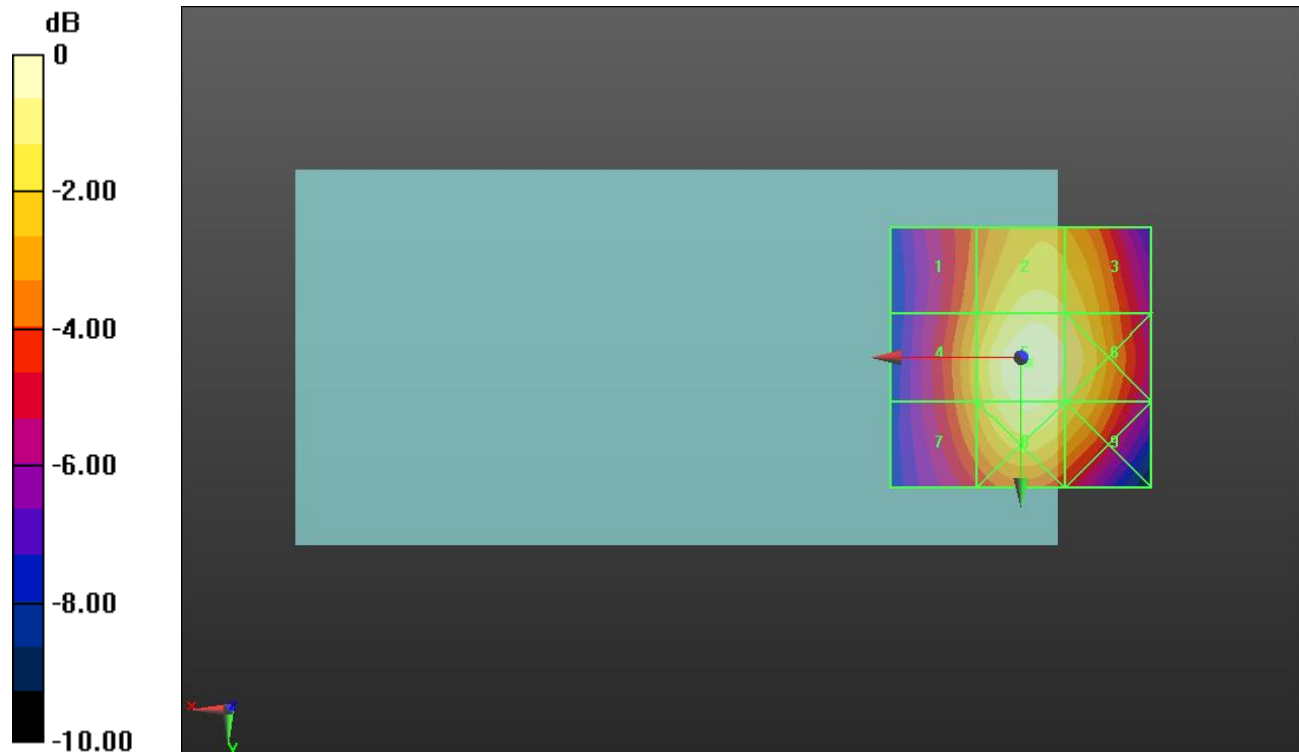
Applied MIF = 3.26 dB

RF audio interference level = 32.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.59 dBV/m	Grid 2 M4 31.64 dBV/m	Grid 3 M4 31.27 dBV/m
Grid 4 M4 30.4 dBV/m	Grid 5 M4 32.52 dBV/m	Grid 6 M4 31.89 dBV/m
Grid 7 M4 30.04 dBV/m	Grid 8 M4 32.04 dBV/m	Grid 9 M4 31.31 dBV/m



0 dB = 42.26 V/m = 32.52 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 13.63 V/m; Power Drift = -0.12 dB

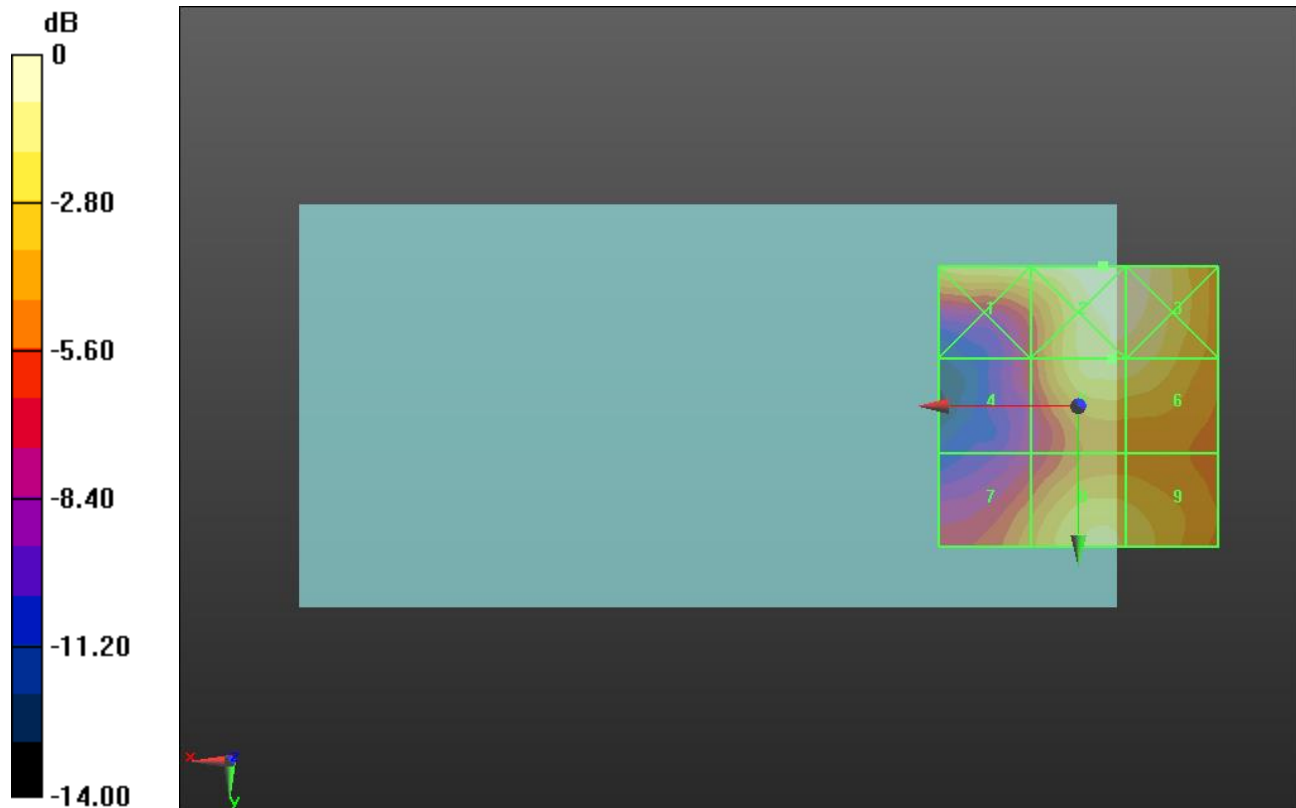
Applied MIF = -1.44 dB

RF audio interference level = 19.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.23 dBV/m	Grid 2 M4 20.53 dBV/m	Grid 3 M4 20.27 dBV/m
Grid 4 M4 14.04 dBV/m	Grid 5 M4 19.31 dBV/m	Grid 6 M4 19.22 dBV/m
Grid 7 M4 16.56 dBV/m	Grid 8 M4 18.84 dBV/m	Grid 9 M4 18.6 dBV/m



0 dB = 10.63 V/m = 20.53 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.46 V/m; Power Drift = -0.05 dB

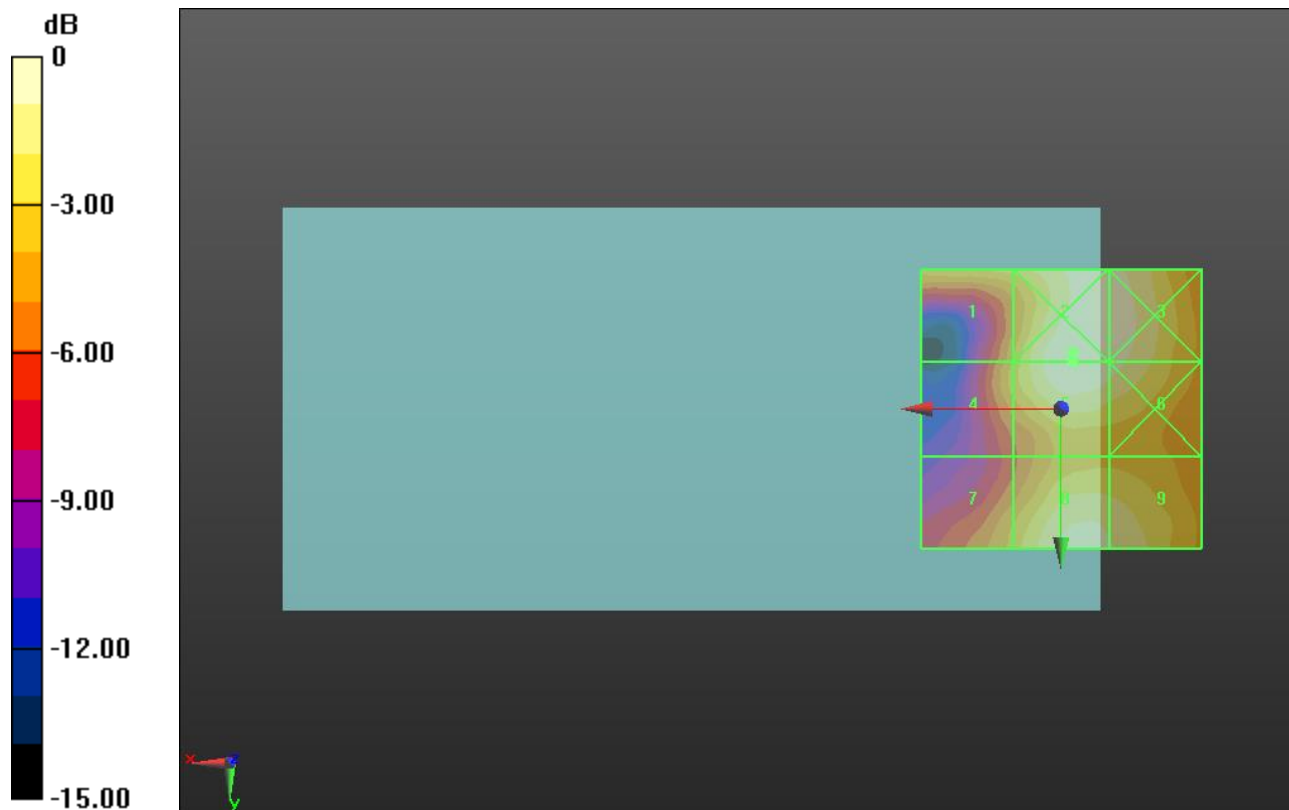
Applied MIF = -1.44 dB

RF audio interference level = 19.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.63 dBV/m	Grid 2 M4 19.95 dBV/m	Grid 3 M4 19.63 dBV/m
Grid 4 M4 16.56 dBV/m	Grid 5 M4 19.92 dBV/m	Grid 6 M4 19.42 dBV/m
Grid 7 M4 16.39 dBV/m	Grid 8 M4 19.34 dBV/m	Grid 9 M4 19.07 dBV/m



0 dB = 9.945 V/m = 19.95 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 20.49 V/m; Power Drift = -0.02 dB

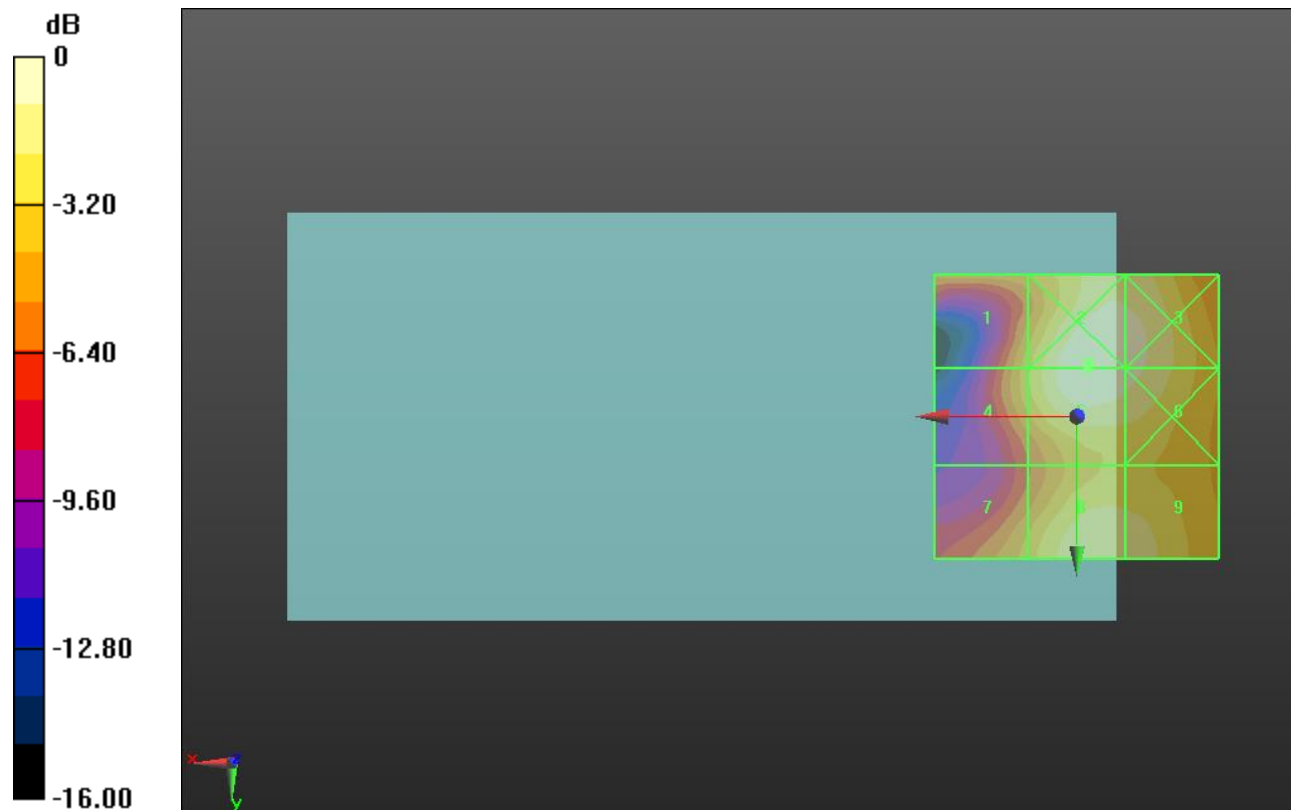
Applied MIF = -1.44 dB

RF audio interference level = 22.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.7 dBV/m	Grid 2 M4 22.08 dBV/m	Grid 3 M4 21.63 dBV/m
Grid 4 M4 18.81 dBV/m	Grid 5 M4 22.07 dBV/m	Grid 6 M4 21.52 dBV/m
Grid 7 M4 18.41 dBV/m	Grid 8 M4 20.93 dBV/m	Grid 9 M4 20.72 dBV/m



0 dB = 12.71 V/m = 22.08 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 29.53 V/m; Power Drift = 0.02 dB

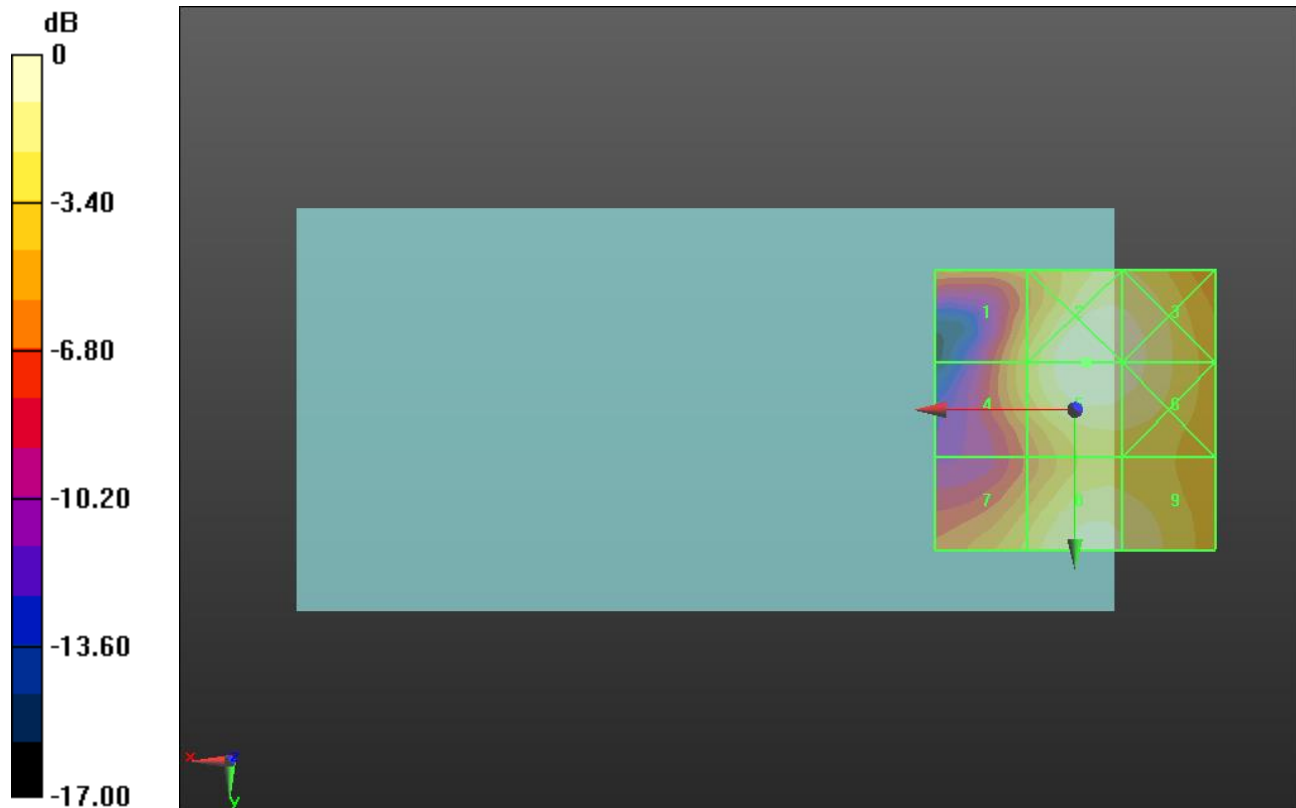
Applied MIF = -1.44 dB

RF audio interference level = 25.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.83 dBV/m	Grid 2 M4 25.05 dBV/m	Grid 3 M4 24.58 dBV/m
Grid 4 M4 21.87 dBV/m	Grid 5 M4 25.05 dBV/m	Grid 6 M4 24.57 dBV/m
Grid 7 M4 22.01 dBV/m	Grid 8 M4 24.3 dBV/m	Grid 9 M4 23.97 dBV/m



0 dB = 17.88 V/m = 25.05 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 33.14 V/m; Power Drift = -0.00 dB

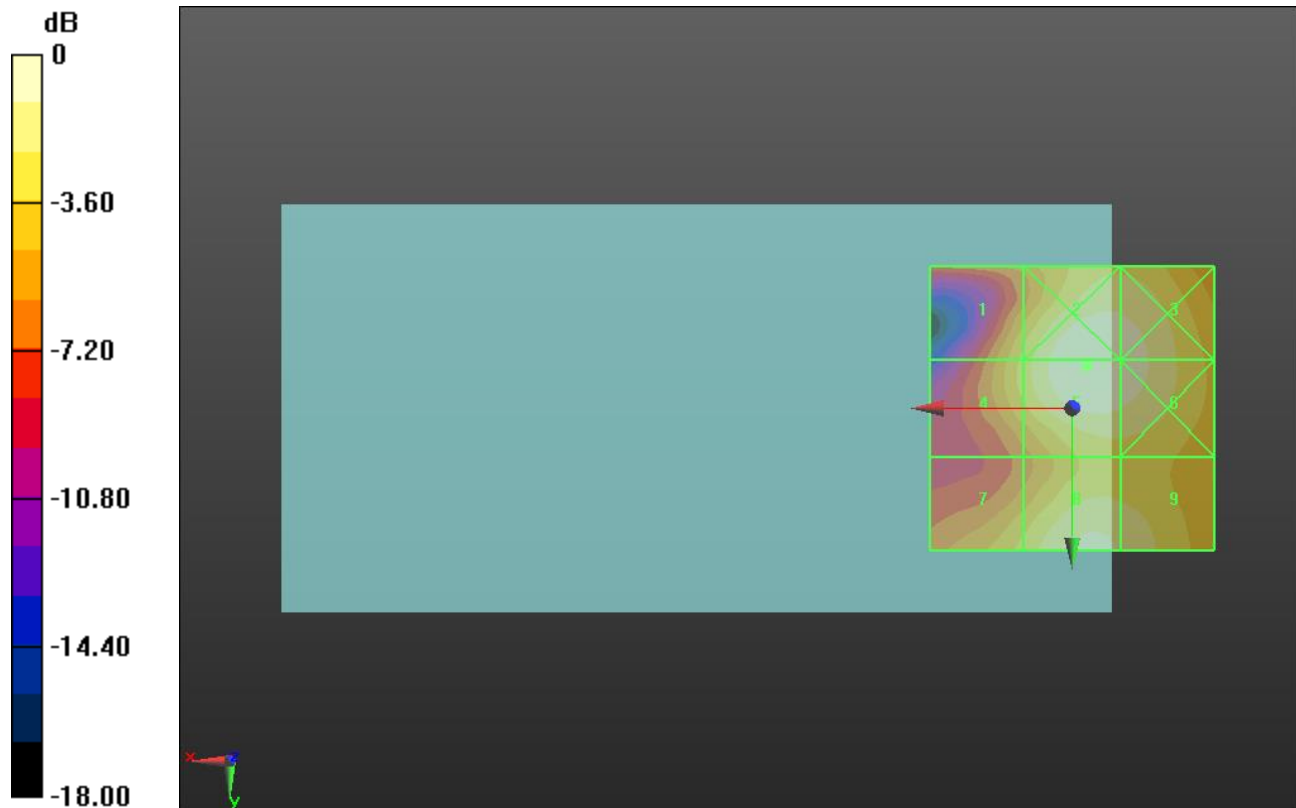
Applied MIF = -1.44 dB

RF audio interference level = 25.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.37 dBV/m	Grid 2 M4 25.46 dBV/m	Grid 3 M4 25.07 dBV/m
Grid 4 M4 22.5 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 25.08 dBV/m
Grid 7 M4 22.36 dBV/m	Grid 8 M4 24.54 dBV/m	Grid 9 M4 24.17 dBV/m



0 dB = 18.78 V/m = 25.47 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: 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)

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 = 16.90 V/m; Power Drift = -0.06 dB

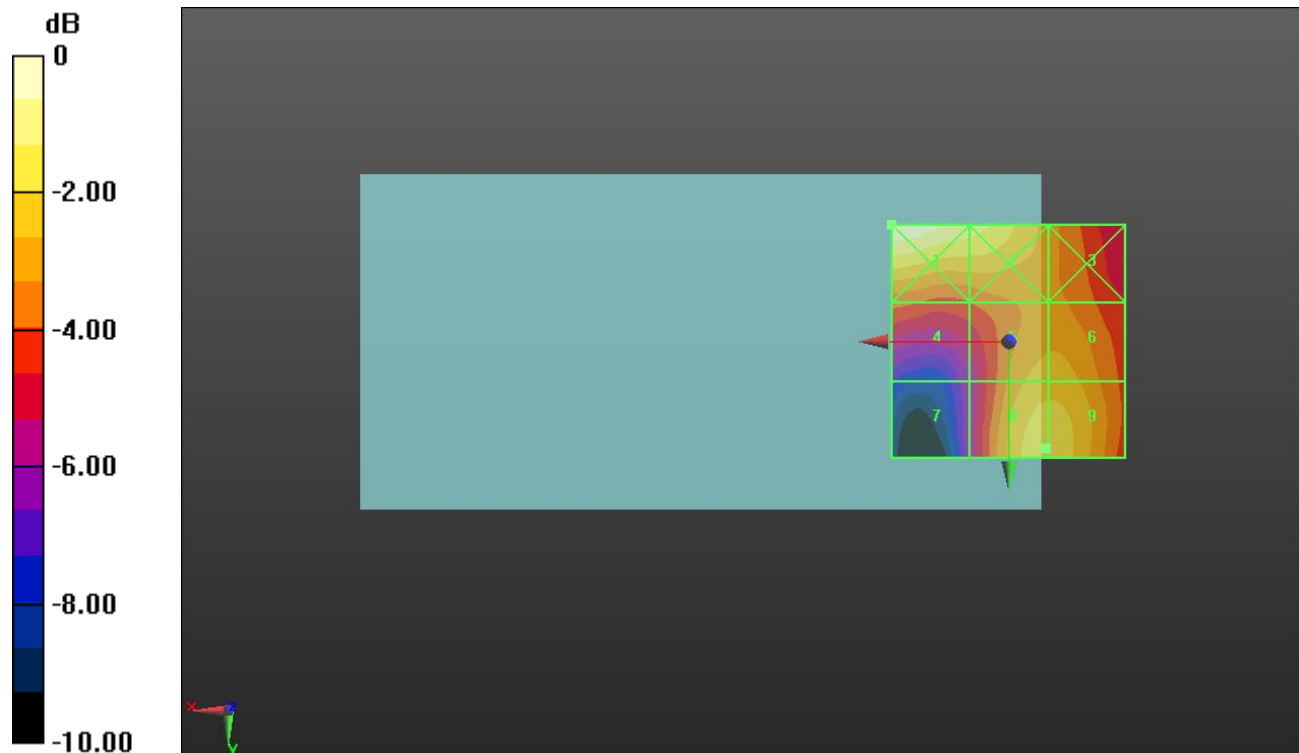
Applied MIF = 3.63 dB

RF audio interference level = 27.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.42 dBV/m	Grid 2 M4 28.41 dBV/m	Grid 3 M4 26.43 dBV/m
Grid 4 M4 25.7 dBV/m	Grid 5 M4 27.16 dBV/m	Grid 6 M4 27.17 dBV/m
Grid 7 M4 23.48 dBV/m	Grid 8 M4 27.86 dBV/m	Grid 9 M4 27.86 dBV/m



0 dB = 29.58 V/m = 29.42 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: 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)

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 = 17.49 V/m; Power Drift = -0.05 dB

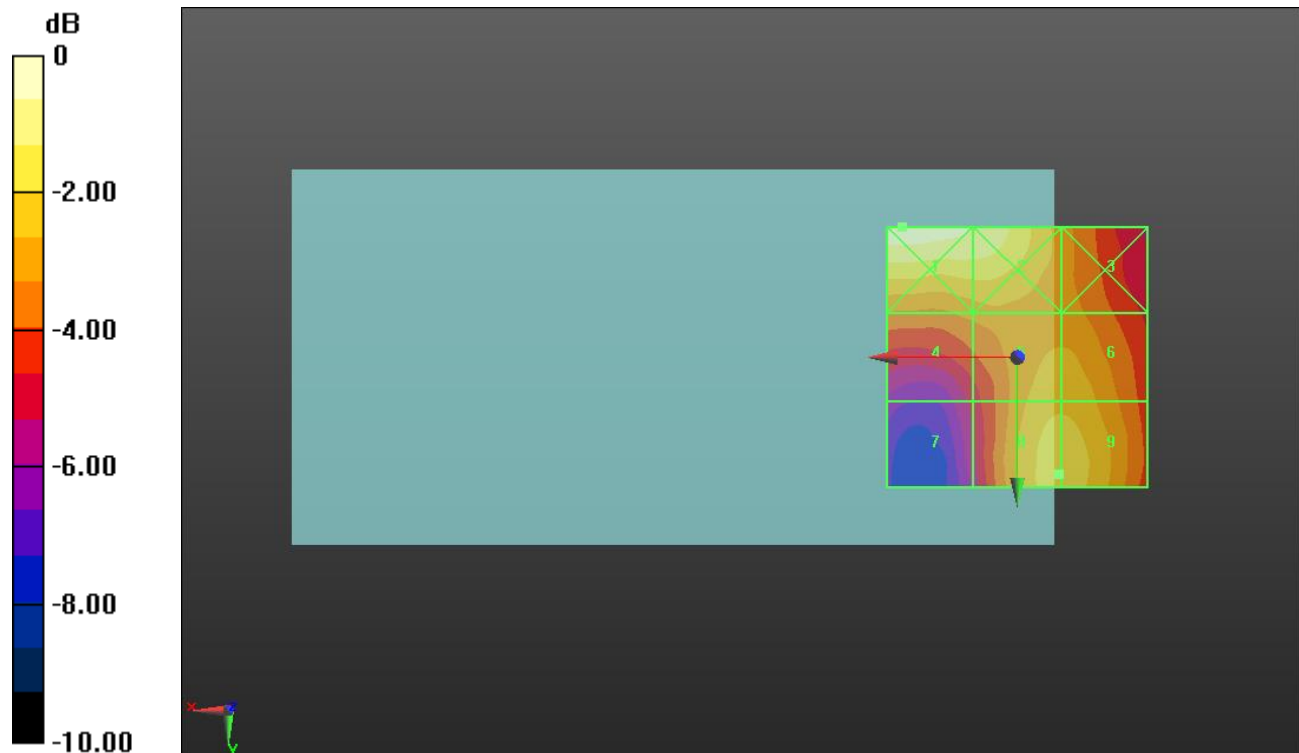
Applied MIF = 3.63 dB

RF audio interference level = 27.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.23 dBV/m	Grid 2 M4 28.58 dBV/m	Grid 3 M4 26.27 dBV/m
Grid 4 M4 26.16 dBV/m	Grid 5 M4 27.1 dBV/m	Grid 6 M4 27.1 dBV/m
Grid 7 M4 24.22 dBV/m	Grid 8 M4 27.57 dBV/m	Grid 9 M4 27.57 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: 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)

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 = 17.43 V/m; Power Drift = -0.01 dB

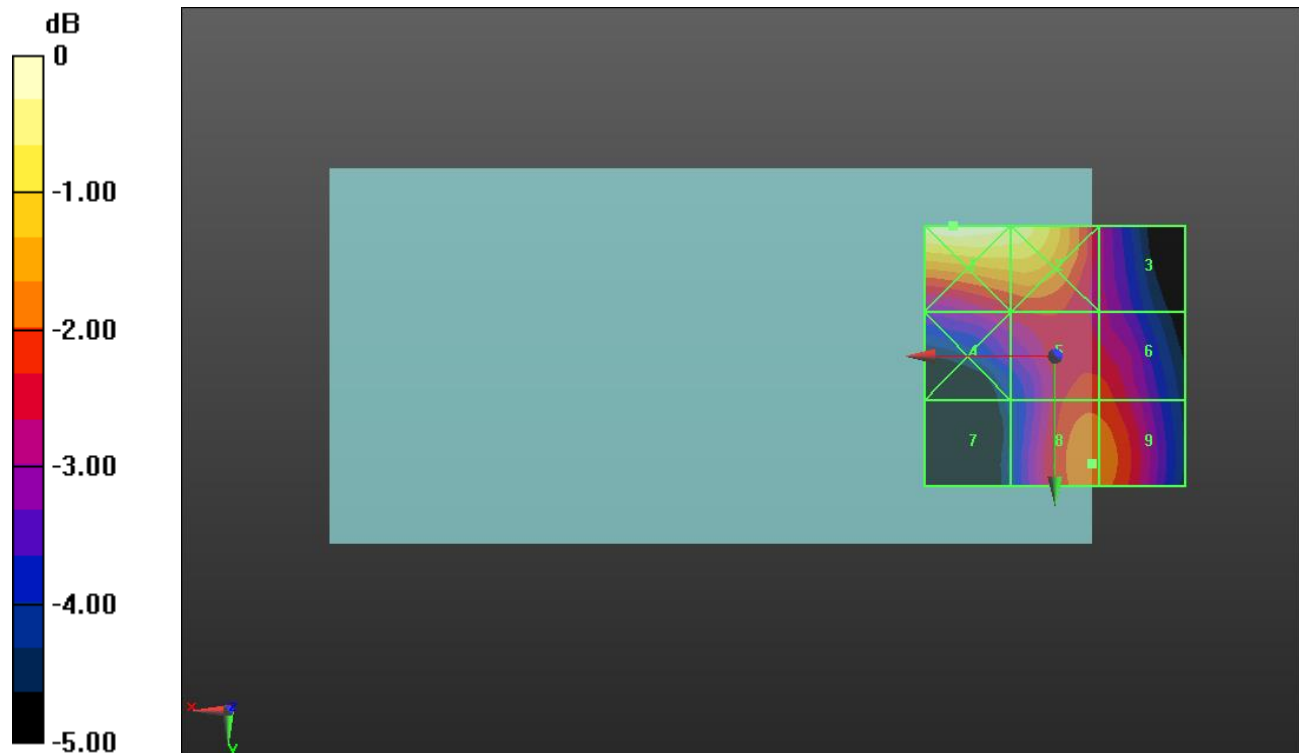
Applied MIF = 3.63 dB

RF audio interference level = 27.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.79 dBV/m	Grid 2 M4 28.47 dBV/m	Grid 3 M4 25.98 dBV/m
Grid 4 M4 26.29 dBV/m	Grid 5 M4 26.7 dBV/m	Grid 6 M4 26.66 dBV/m
Grid 7 M4 24.66 dBV/m	Grid 8 M4 27.07 dBV/m	Grid 9 M4 27.04 dBV/m



0 dB = 27.52 V/m = 28.79 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.801 V/m; Power Drift = -0.68 dB

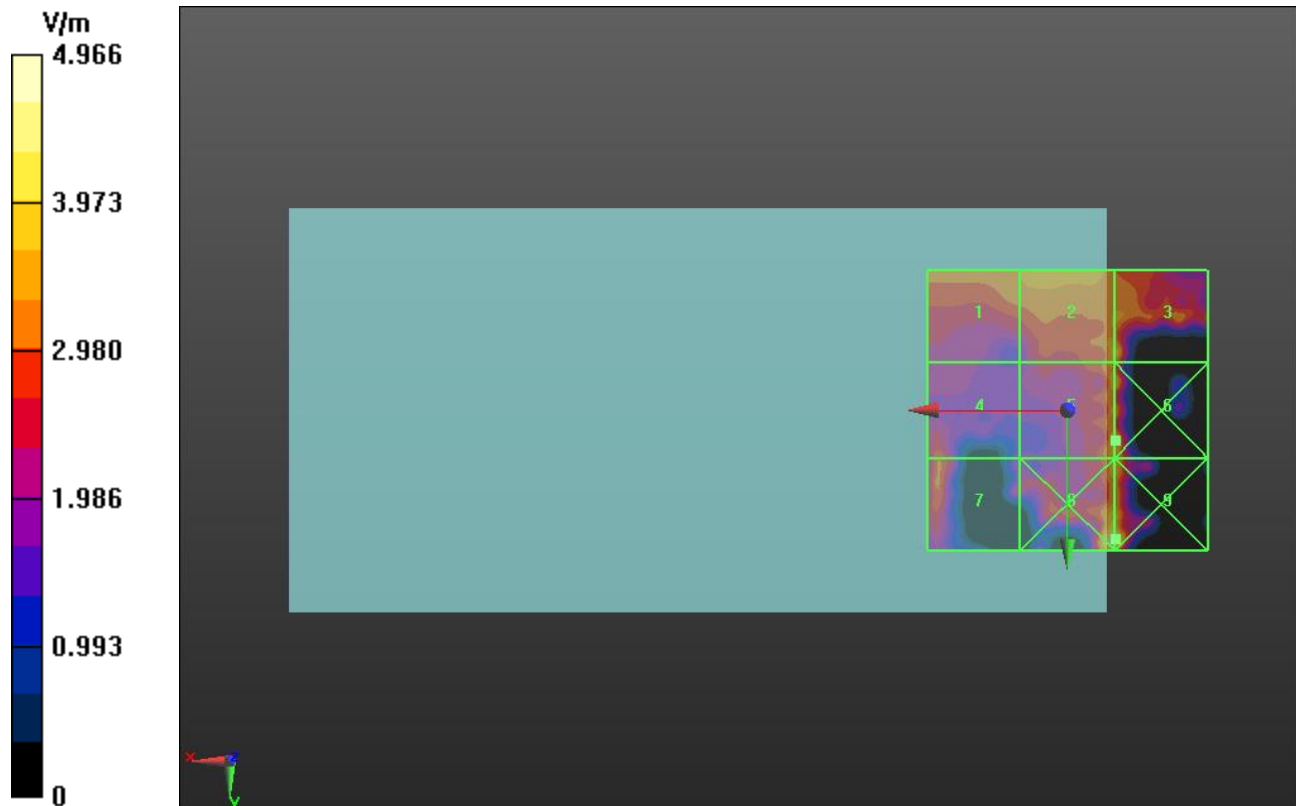
Applied MIF = -1.44 dB

RF audio interference level = 11.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.4 dBV/m	Grid 2 M4 11.68 dBV/m	Grid 3 M4 11.68 dBV/m
Grid 4 M4 9.44 dBV/m	Grid 5 M4 11.68 dBV/m	Grid 6 M4 11.68 dBV/m
Grid 7 M4 9.69 dBV/m	Grid 8 M4 13.92 dBV/m	Grid 9 M4 13.92 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.887 V/m; Power Drift = 0.33 dB

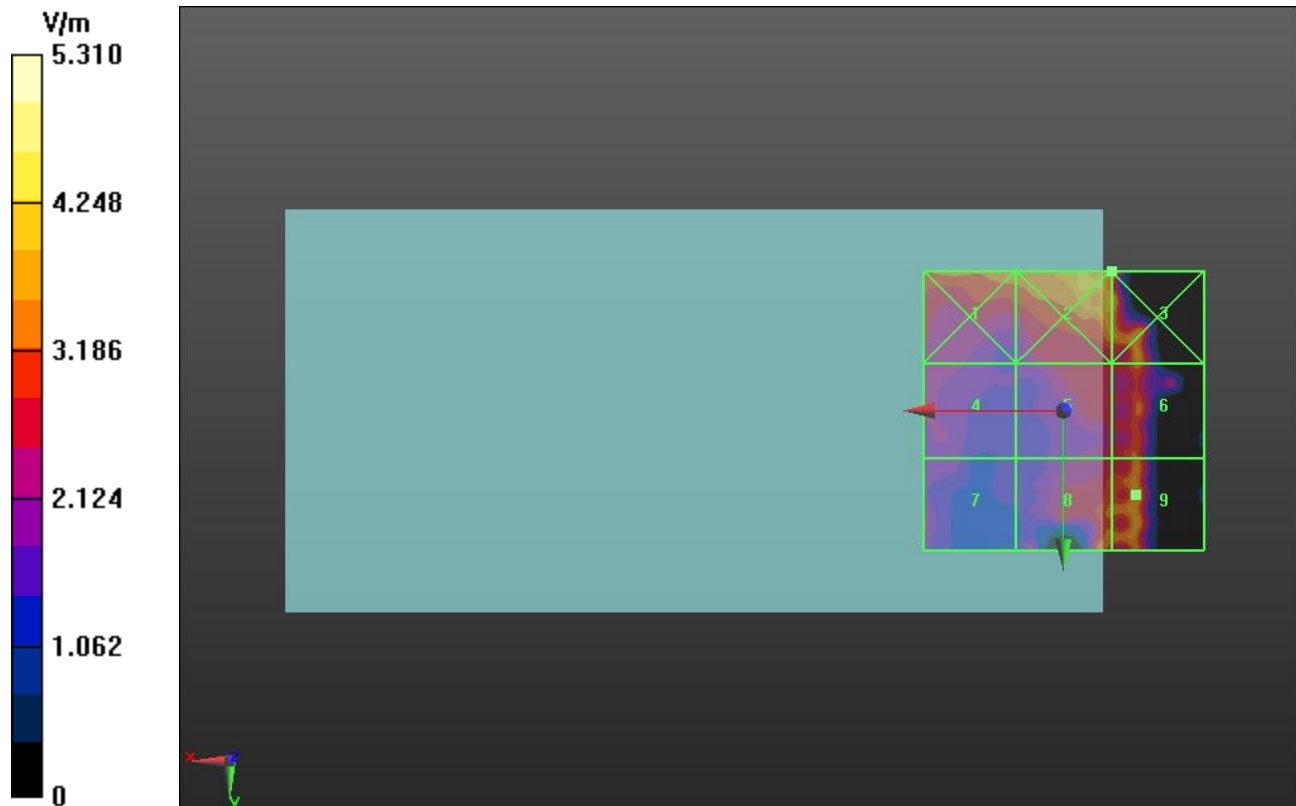
Applied MIF = -1.44 dB

RF audio interference level = 11.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.87 dBV/m	Grid 2 M4 14.5 dBV/m	Grid 3 M4 14.5 dBV/m
Grid 4 M4 7.35 dBV/m	Grid 5 M4 8.82 dBV/m	Grid 6 M4 10.84 dBV/m
Grid 7 M4 7.3 dBV/m	Grid 8 M4 10.8 dBV/m	Grid 9 M4 11.82 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.668 V/m; Power Drift = -0.03 dB

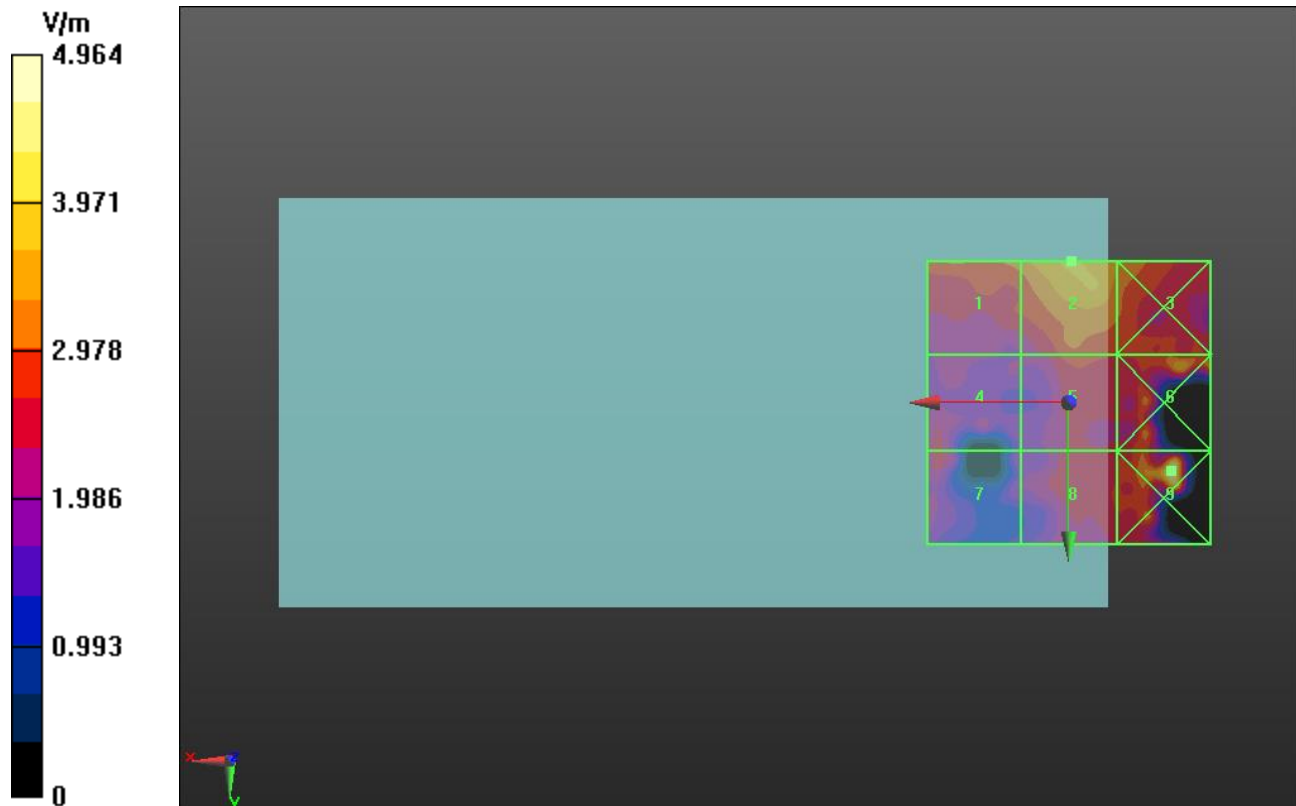
Applied MIF = -1.44 dB

RF audio interference level = 11.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.04 dBV/m	Grid 2 M4 11.33 dBV/m	Grid 3 M4 10.6 dBV/m
Grid 4 M4 8.07 dBV/m	Grid 5 M4 9.18 dBV/m	Grid 6 M4 11.23 dBV/m
Grid 7 M4 8.09 dBV/m	Grid 8 M4 8.63 dBV/m	Grid 9 M4 13.92 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.773 V/m; Power Drift = -0.46 dB

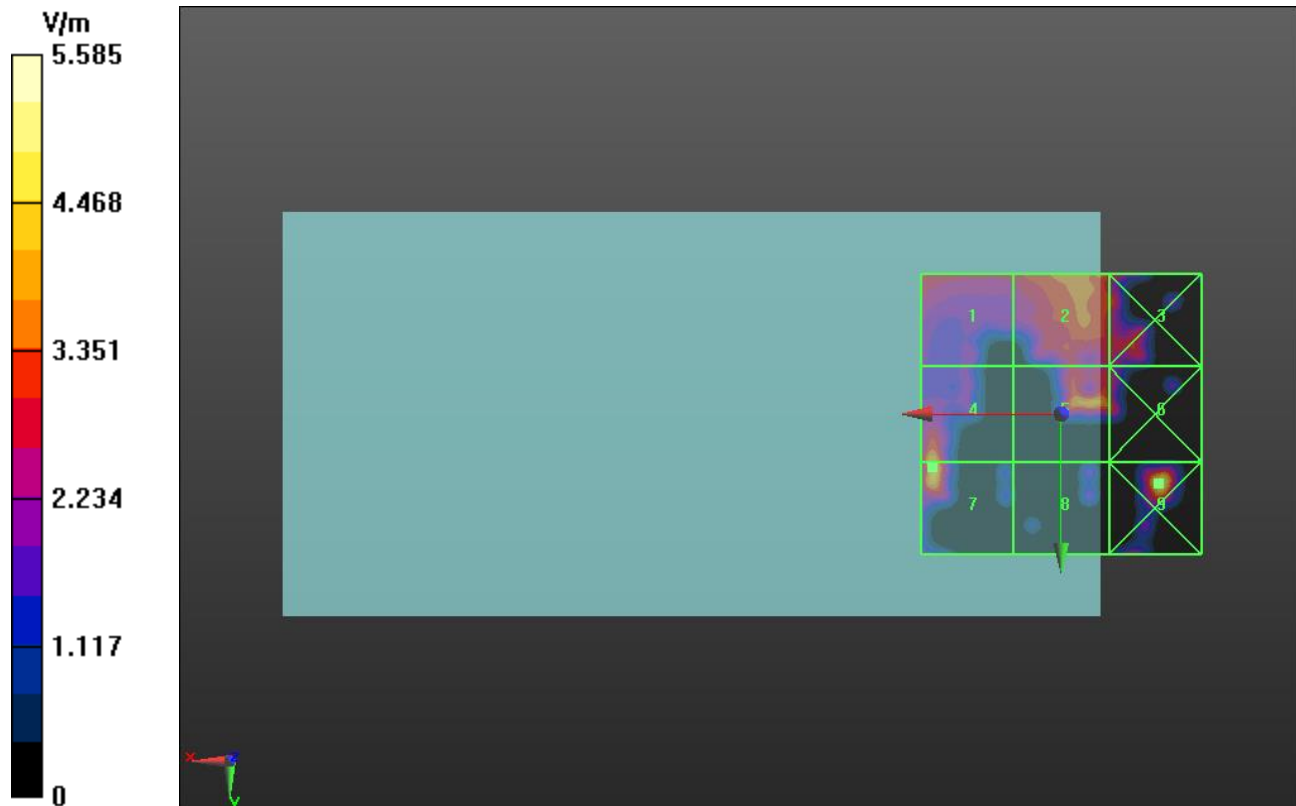
Applied MIF = -1.44 dB

RF audio interference level = 12.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 9.78 dBV/m	Grid 2 M4 11.23 dBV/m	Grid 3 M4 10.79 dBV/m
Grid 4 M4 12.47 dBV/m	Grid 5 M4 11.93 dBV/m	Grid 6 M4 10.52 dBV/m
Grid 7 M4 12.67 dBV/m	Grid 8 M4 5.58 dBV/m	Grid 9 M4 14.94 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 4.801 V/m; Power Drift = -0.02 dB

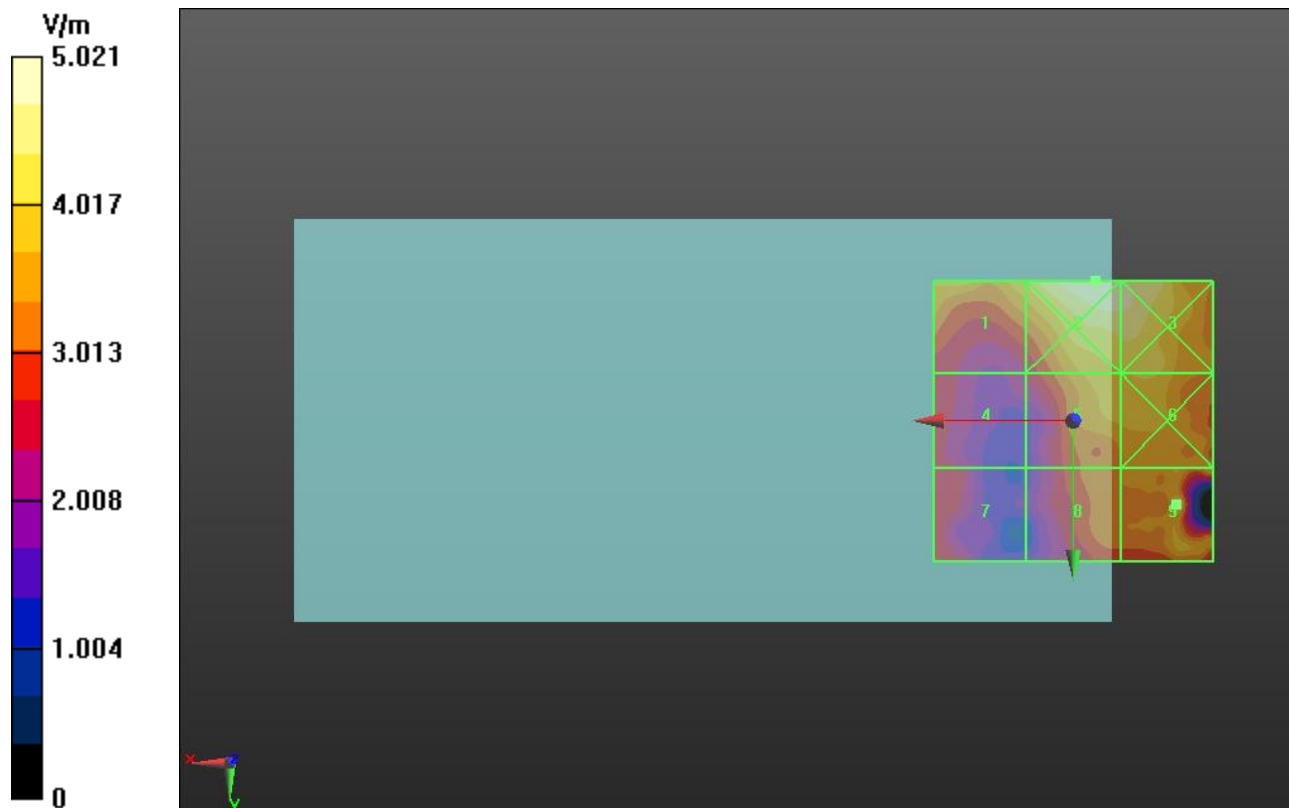
Applied MIF = -1.44 dB

RF audio interference level = 12.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.21 dBV/m	Grid 2 M4 14.02 dBV/m	Grid 3 M4 13.61 dBV/m
Grid 4 M4 8.36 dBV/m	Grid 5 M4 12.04 dBV/m	Grid 6 M4 12.25 dBV/m
Grid 7 M4 8.72 dBV/m	Grid 8 M4 10.56 dBV/m	Grid 9 M4 12.27 dBV/m



HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.794 V/m; Power Drift = -0.61 dB

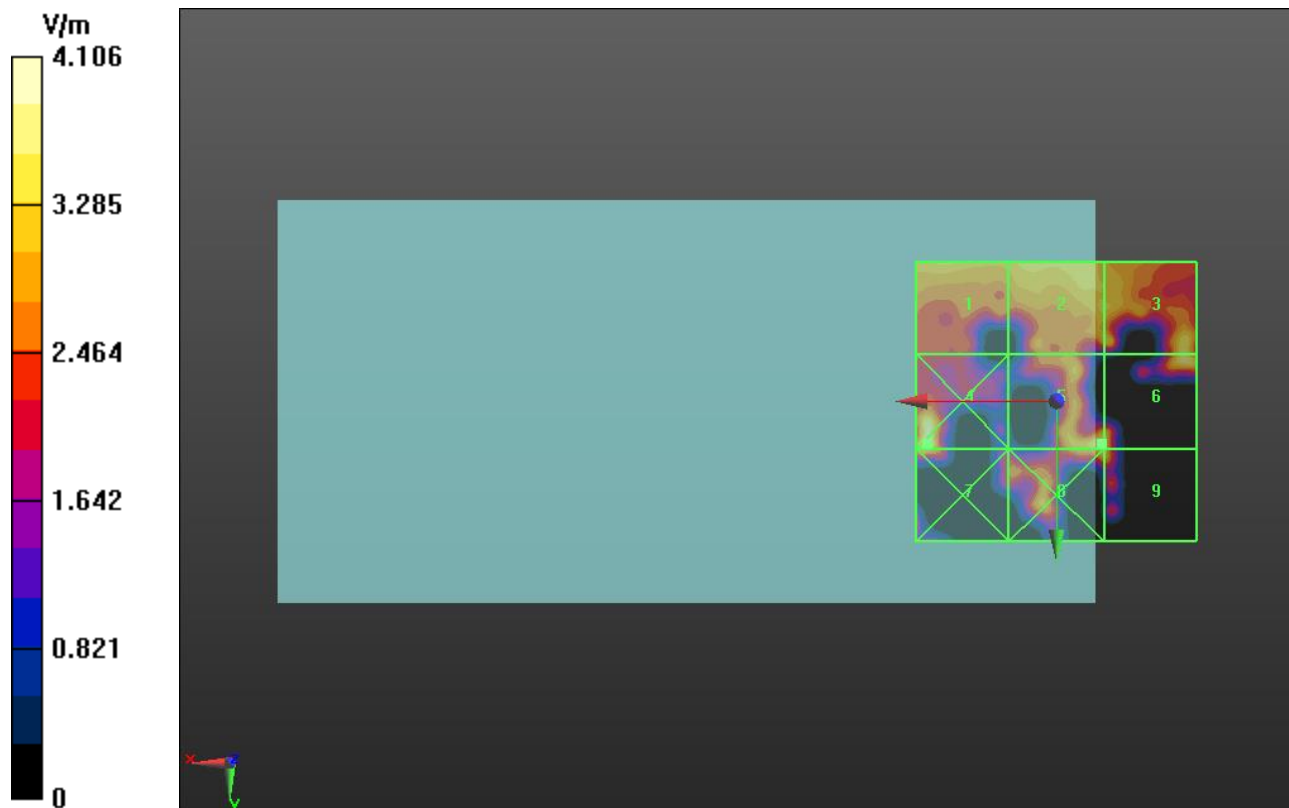
Applied MIF = -1.44 dB

RF audio interference level = 12.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.64 dBV/m	Grid 2 M4 11.05 dBV/m	Grid 3 M4 11.23 dBV/m
Grid 4 M4 12.27 dBV/m	Grid 5 M4 12.07 dBV/m	Grid 6 M4 11.49 dBV/m
Grid 7 M4 11.15 dBV/m	Grid 8 M4 11.72 dBV/m	Grid 9 M4 11.32 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 4.121 V/m; Power Drift = -0.55 dB

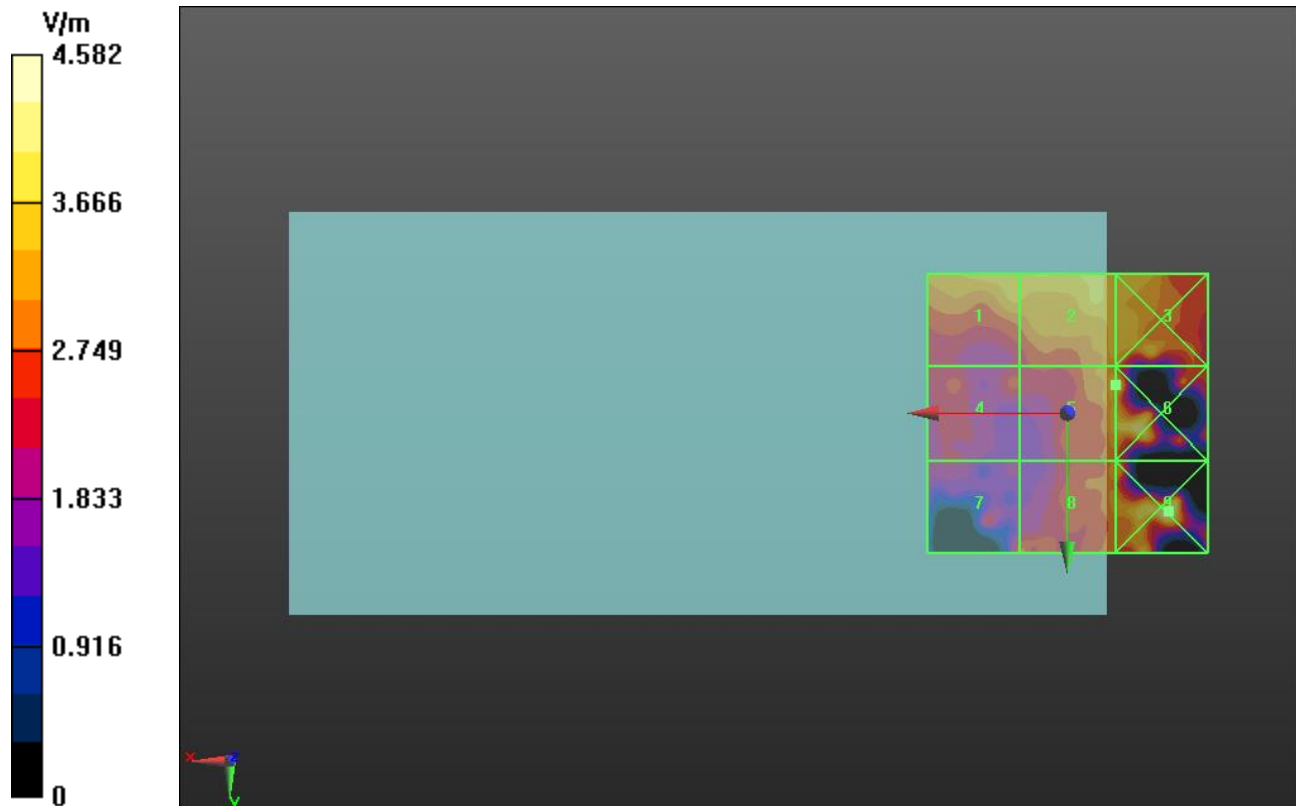
Applied MIF = -1.44 dB

RF audio interference level = 11.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.2 dBV/m	Grid 2 M4 11.45 dBV/m	Grid 3 M4 11.13 dBV/m
Grid 4 M4 8.04 dBV/m	Grid 5 M4 11.69 dBV/m	Grid 6 M4 12.48 dBV/m
Grid 7 M4 8.77 dBV/m	Grid 8 M4 10.57 dBV/m	Grid 9 M4 13.22 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41 Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.055 V/m; Power Drift = -0.12 dB

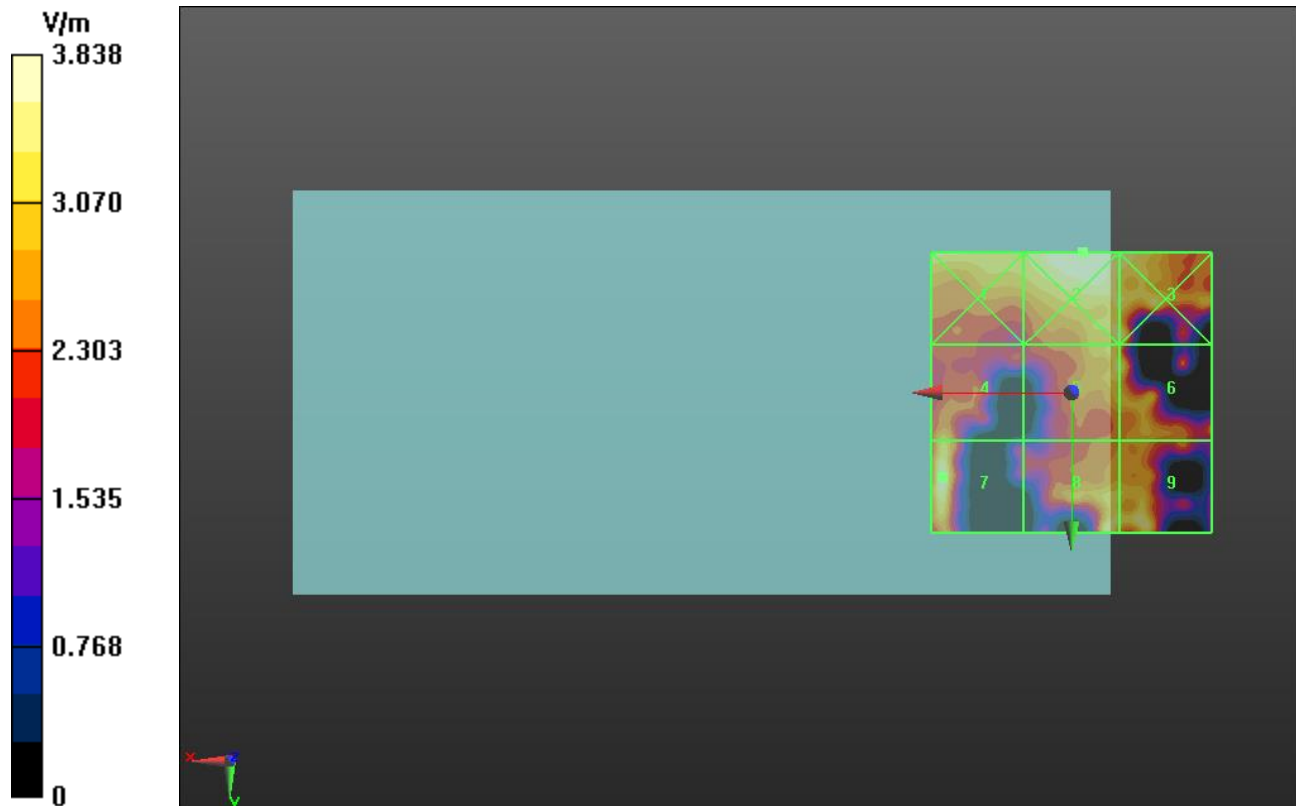
Applied MIF = -1.44 dB

RF audio interference level = 11.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.98 dBV/m	Grid 2 M4 11.68 dBV/m	Grid 3 M4 11.27 dBV/m
Grid 4 M4 9.71 dBV/m	Grid 5 M4 10.92 dBV/m	Grid 6 M4 10.92 dBV/m
Grid 7 M4 11.44 dBV/m	Grid 8 M4 11 dBV/m	Grid 9 M4 10.95 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 3.847 V/m; Power Drift = -0.74 dB

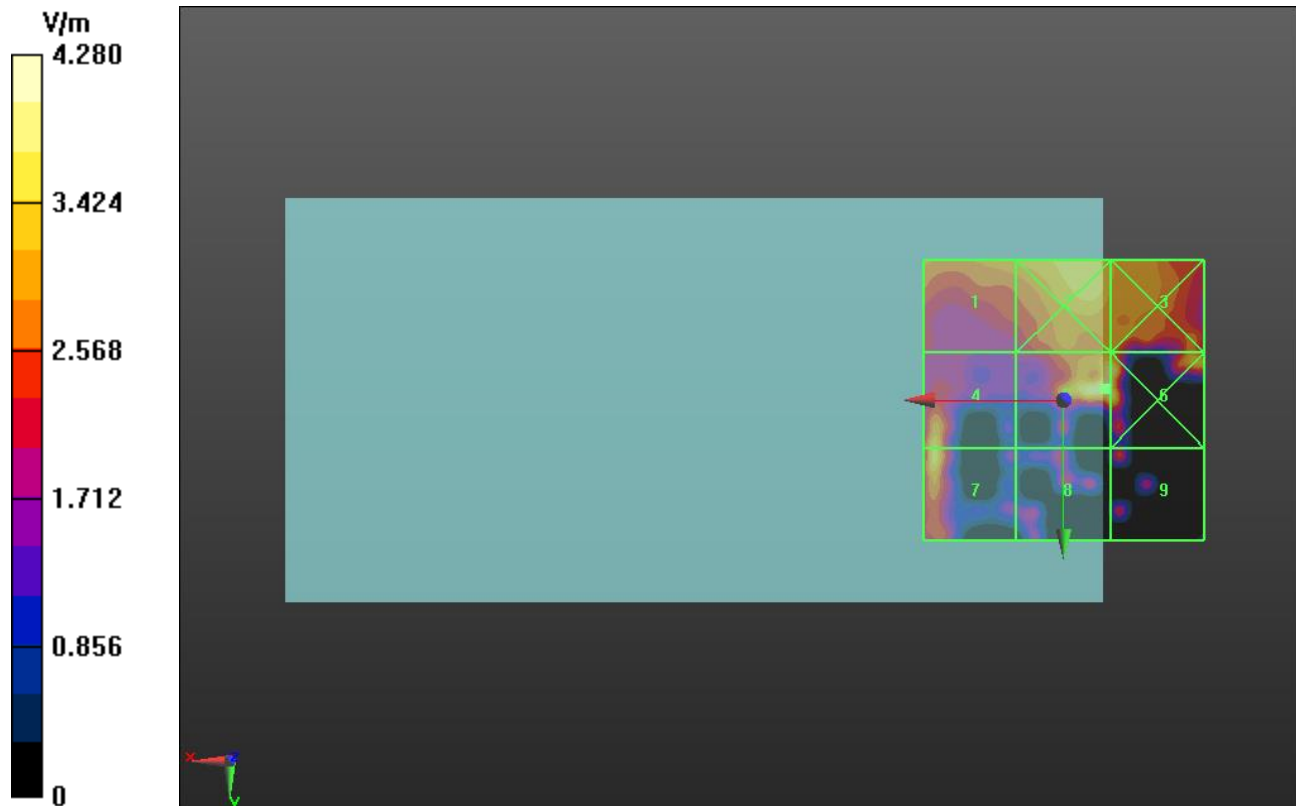
Applied MIF = -1.44 dB

RF audio interference level = 12.63 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.99 dBV/m	Grid 2 M4 11.39 dBV/m	Grid 3 M4 10.12 dBV/m
Grid 4 M4 10.97 dBV/m	Grid 5 M4 12.63 dBV/m	Grid 6 M4 12.15 dBV/m
Grid 7 M4 11.13 dBV/m	Grid 8 M4 6.42 dBV/m	Grid 9 M4 8.01 dBV/m



HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 4.580 V/m; Power Drift = 0.01 dB

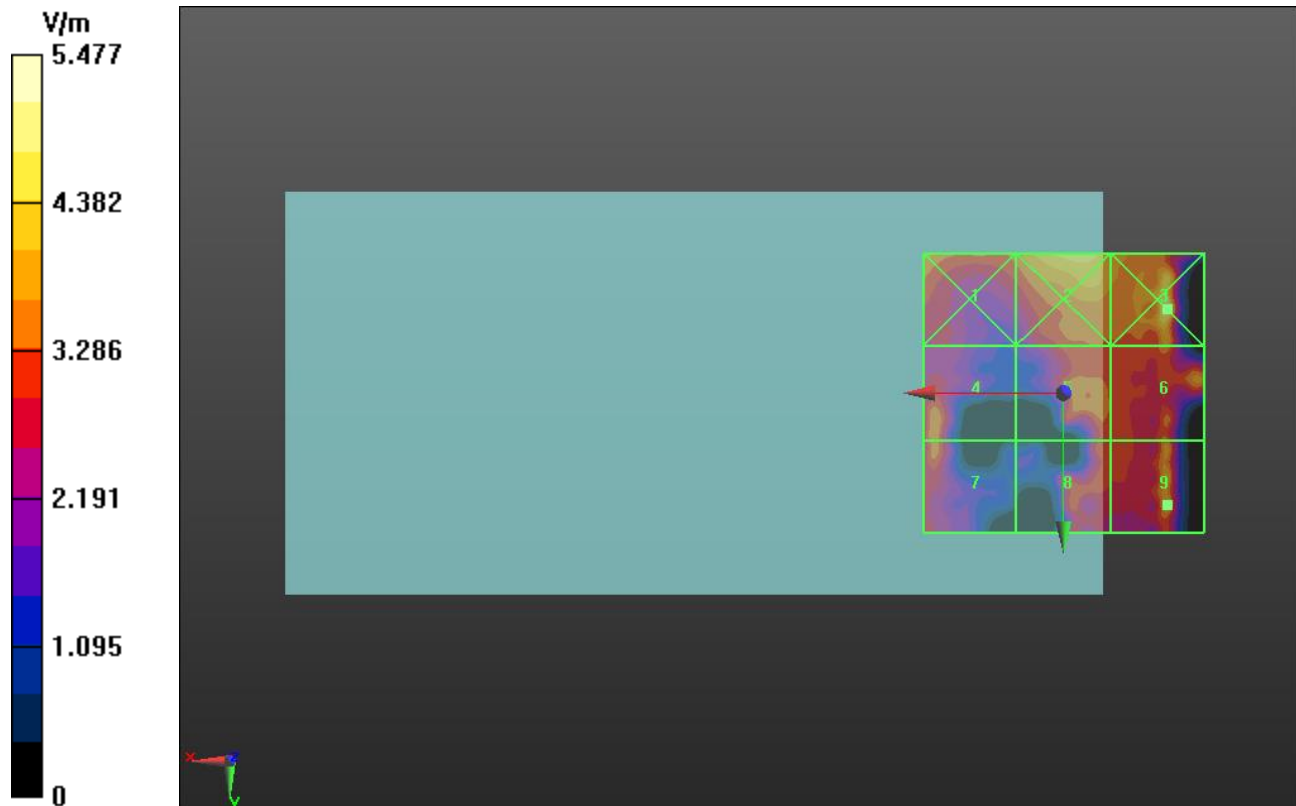
Applied MIF = -1.44 dB

RF audio interference level = 12.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.86 dBV/m	Grid 2 M4 13.24 dBV/m	Grid 3 M4 14.77 dBV/m
Grid 4 M4 11.24 dBV/m	Grid 5 M4 11.22 dBV/m	Grid 6 M4 11.59 dBV/m
Grid 7 M4 11.07 dBV/m	Grid 8 M4 10.1 dBV/m	Grid 9 M4 12.27 dBV/m



HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.843 V/m; Power Drift = -0.18 dB

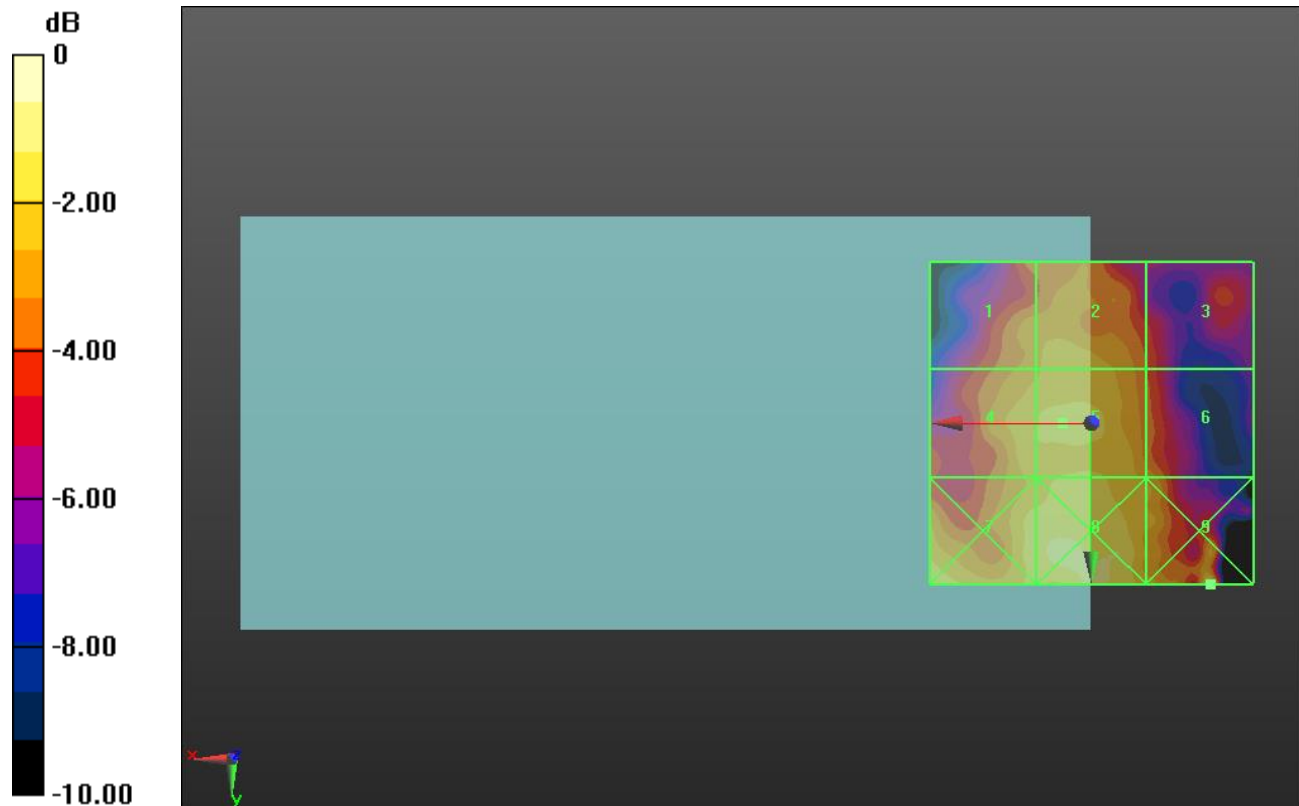
Applied MIF = -2.02 dB

RF audio interference level = 11.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.7 dBV/m	Grid 2 M4 10.42 dBV/m	Grid 3 M4 8.54 dBV/m
Grid 4 M4 10.5 dBV/m	Grid 5 M4 11.16 dBV/m	Grid 6 M4 9.67 dBV/m
Grid 7 M4 11.35 dBV/m	Grid 8 M4 11.44 dBV/m	Grid 9 M4 12.5 dBV/m



0 dB = 4.215 V/m = 12.50 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.521 V/m; Power Drift = 0.49 dB

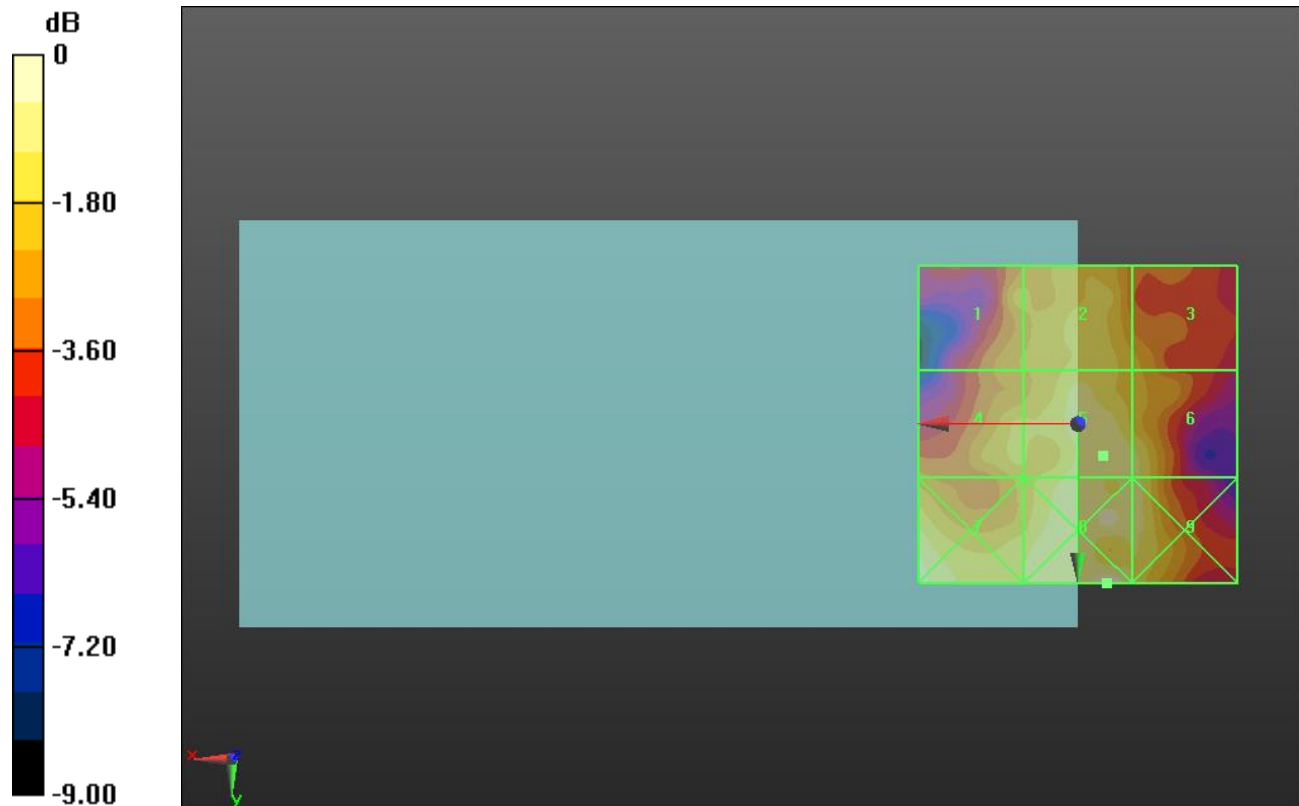
Applied MIF = -2.02 dB

RF audio interference level = 11.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.96 dBV/m	Grid 2 M4 10.57 dBV/m	Grid 3 M4 9.92 dBV/m
Grid 4 M4 10.44 dBV/m	Grid 5 M4 11.35 dBV/m	Grid 6 M4 11.12 dBV/m
Grid 7 M4 11.74 dBV/m	Grid 8 M4 12.06 dBV/m	Grid 9 M4 11.24 dBV/m



0 dB = 4.010 V/m = 12.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.25 V/m; Power Drift = 0.06 dB

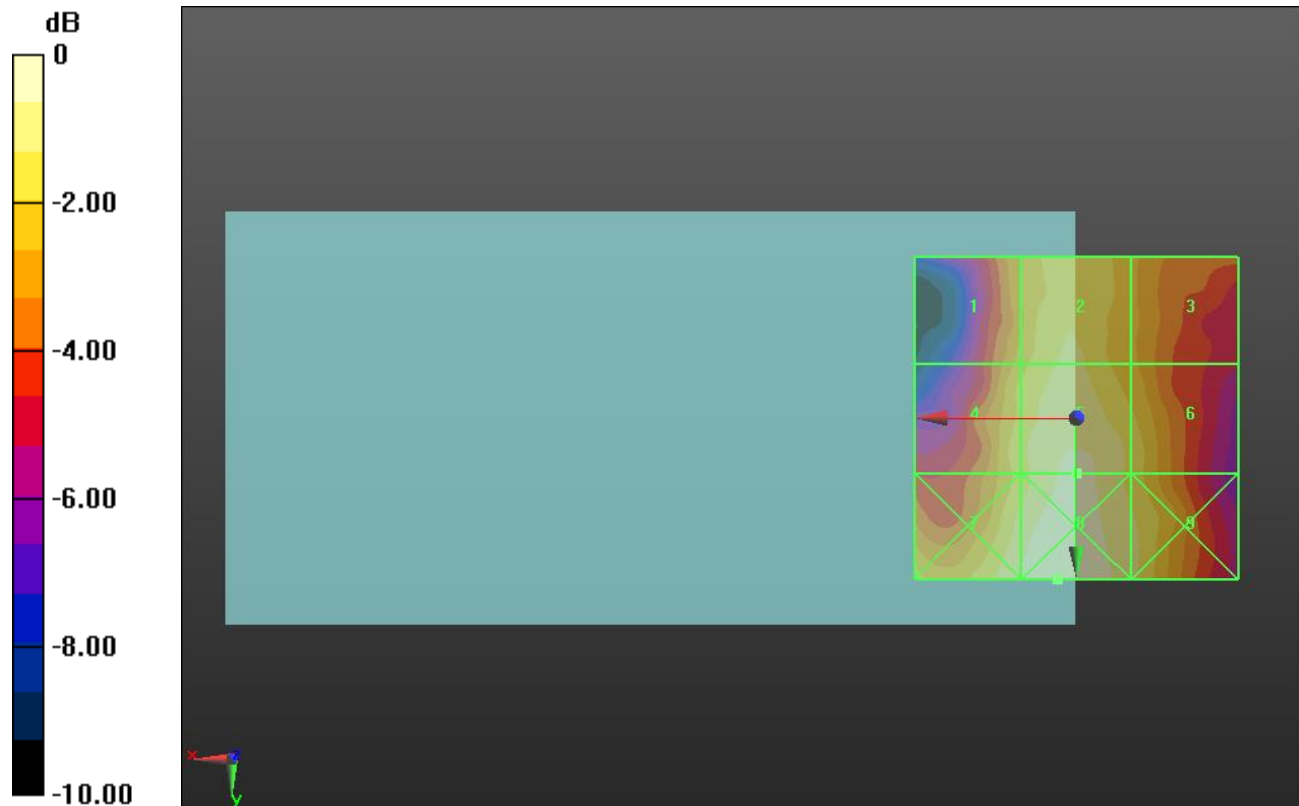
Applied MIF = -2.02 dB

RF audio interference level = 16.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.3 dBV/m	Grid 2 M4 15.35 dBV/m	Grid 3 M4 14.1 dBV/m
Grid 4 M4 15.13 dBV/m	Grid 5 M4 16.18 dBV/m	Grid 6 M4 15.06 dBV/m
Grid 7 M4 15.97 dBV/m	Grid 8 M4 16.56 dBV/m	Grid 9 M4 15.46 dBV/m



0 dB = 6.732 V/m = 16.56 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.046 V/m; Power Drift = 0.02 dB

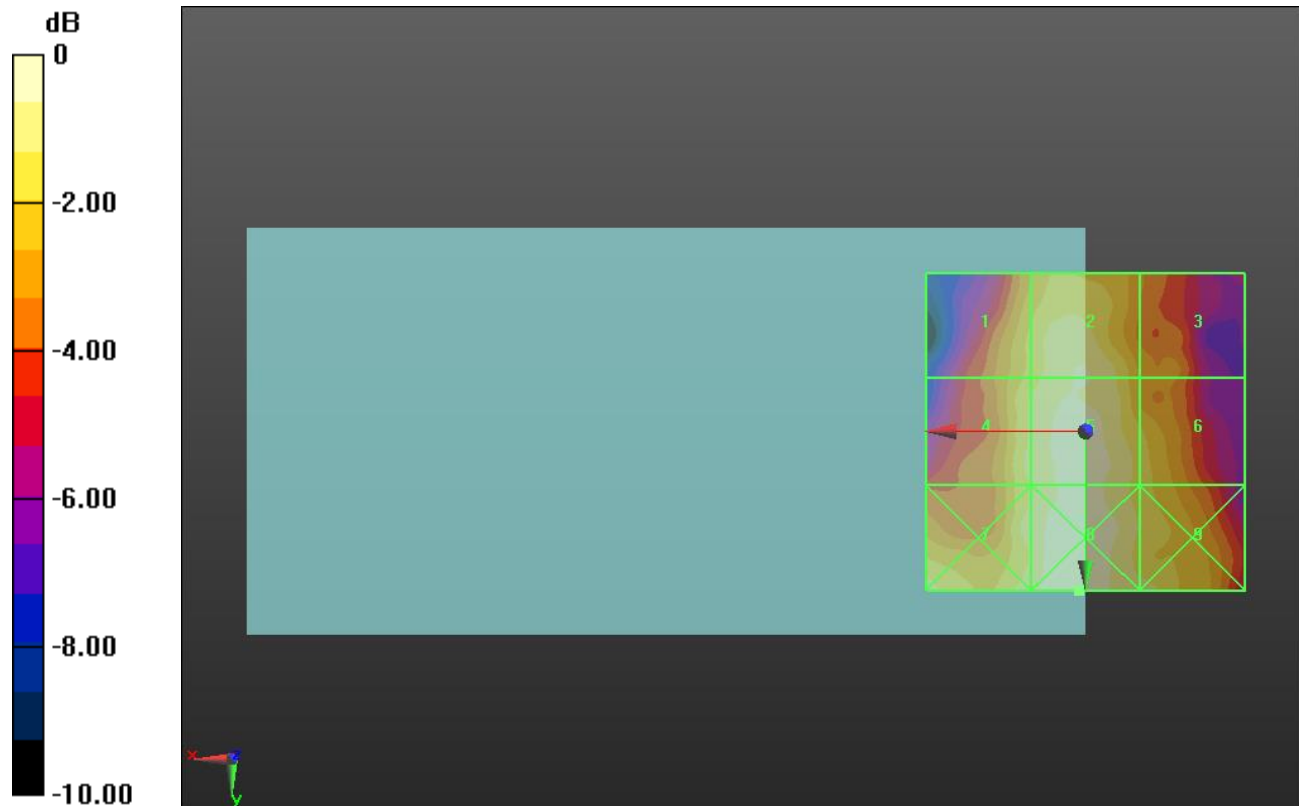
Applied MIF = 0.12 dB

RF audio interference level = 16.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.82 dBV/m	Grid 2 M4 15.85 dBV/m	Grid 3 M4 13.8 dBV/m
Grid 4 M4 15.39 dBV/m	Grid 5 M4 16.23 dBV/m	Grid 6 M4 14.88 dBV/m
Grid 7 M4 15.6 dBV/m	Grid 8 M4 16.45 dBV/m	Grid 9 M4 15.53 dBV/m



0 dB = 6.648 V/m = 16.45 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.247 V/m; Power Drift = 0.16 dB

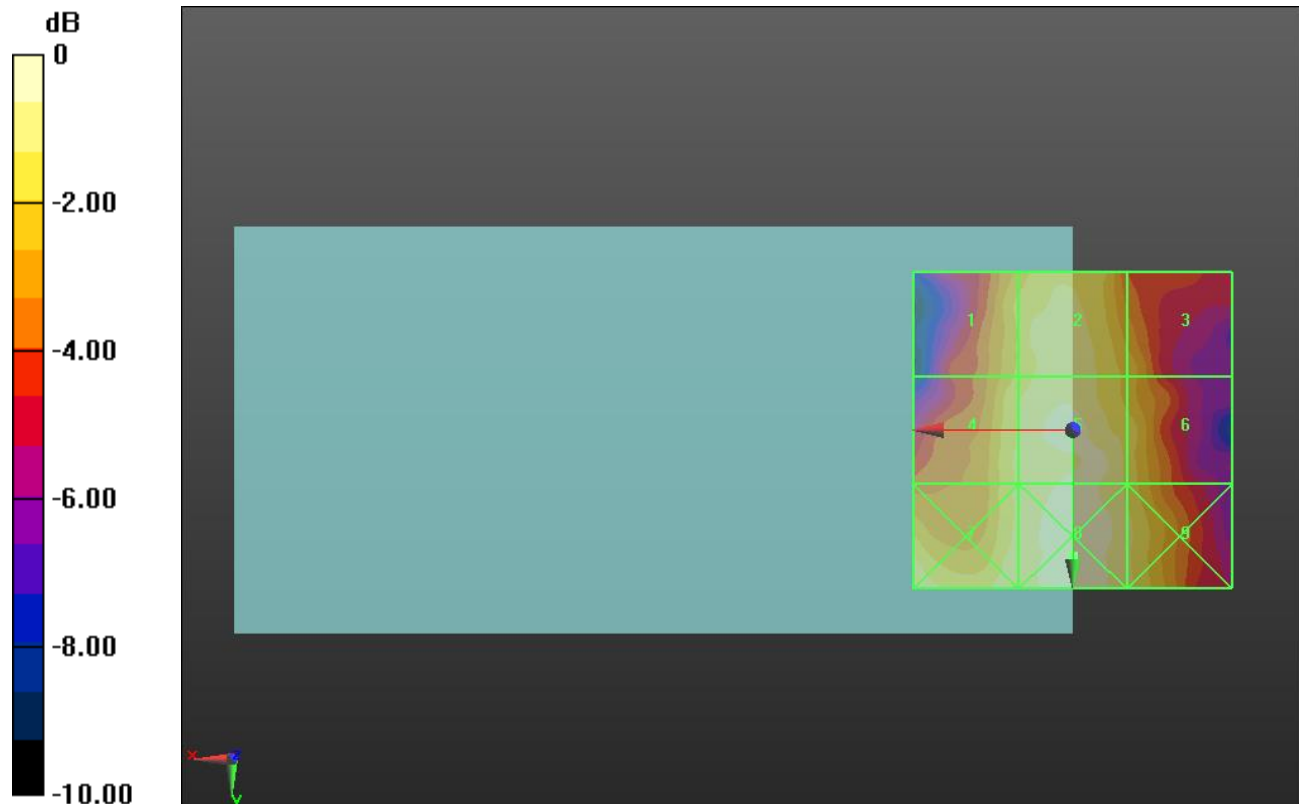
Applied MIF = 0.12 dB

RF audio interference level = 16.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.75 dBV/m	Grid 2 M4 15.72 dBV/m	Grid 3 M4 14.36 dBV/m
Grid 4 M4 15.37 dBV/m	Grid 5 M4 16.15 dBV/m	Grid 6 M4 15.05 dBV/m
Grid 7 M4 15.97 dBV/m	Grid 8 M4 16.53 dBV/m	Grid 9 M4 15.47 dBV/m



0 dB = 6.710 V/m = 16.53 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.12 V/m; Power Drift = -0.06 dB

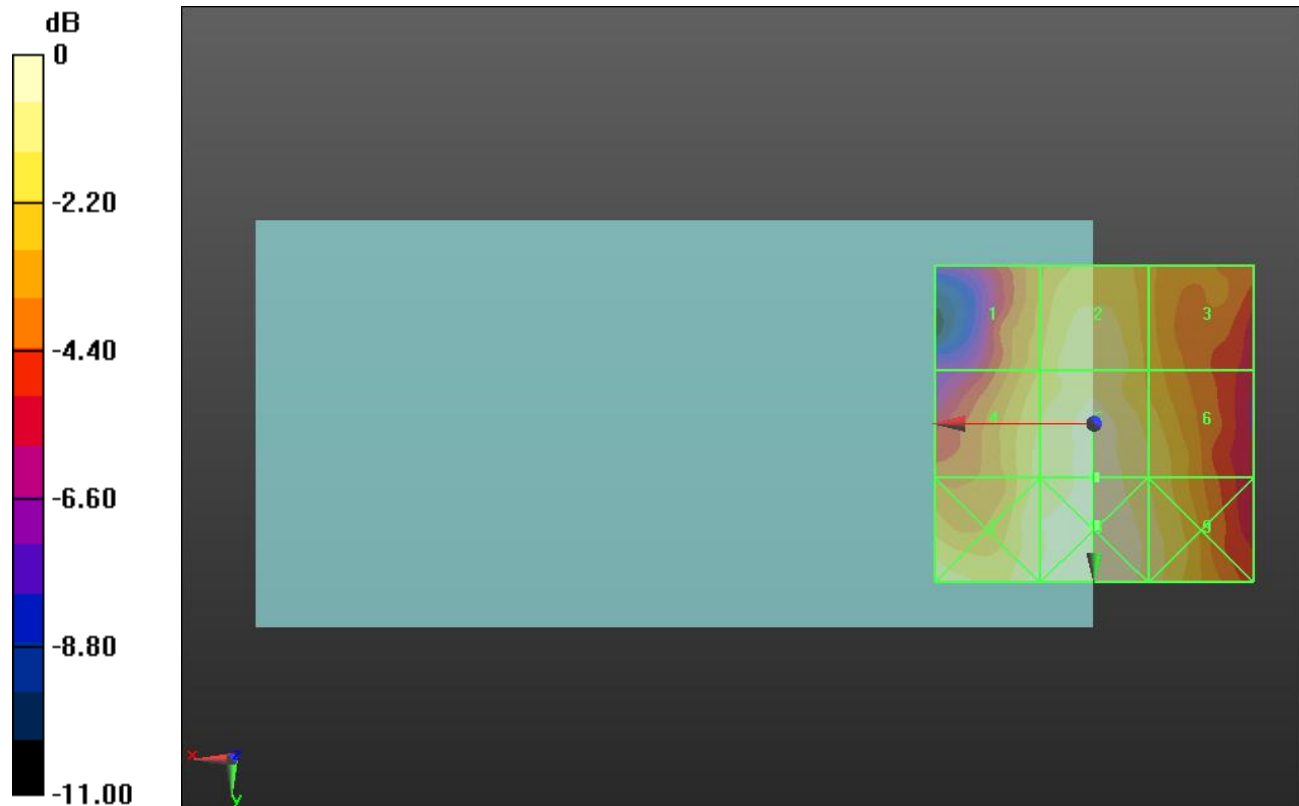
Applied MIF = 0.12 dB

RF audio interference level = 16.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.05 dBV/m	Grid 2 M4 16.18 dBV/m	Grid 3 M4 14.84 dBV/m
Grid 4 M4 15.97 dBV/m	Grid 5 M4 16.92 dBV/m	Grid 6 M4 15.8 dBV/m
Grid 7 M4 16.81 dBV/m	Grid 8 M4 17.2 dBV/m	Grid 9 M4 16.25 dBV/m



0 dB = 7.246 V/m = 17.20 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: 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)

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 = 24.53 V/m; Power Drift = -0.04 dB

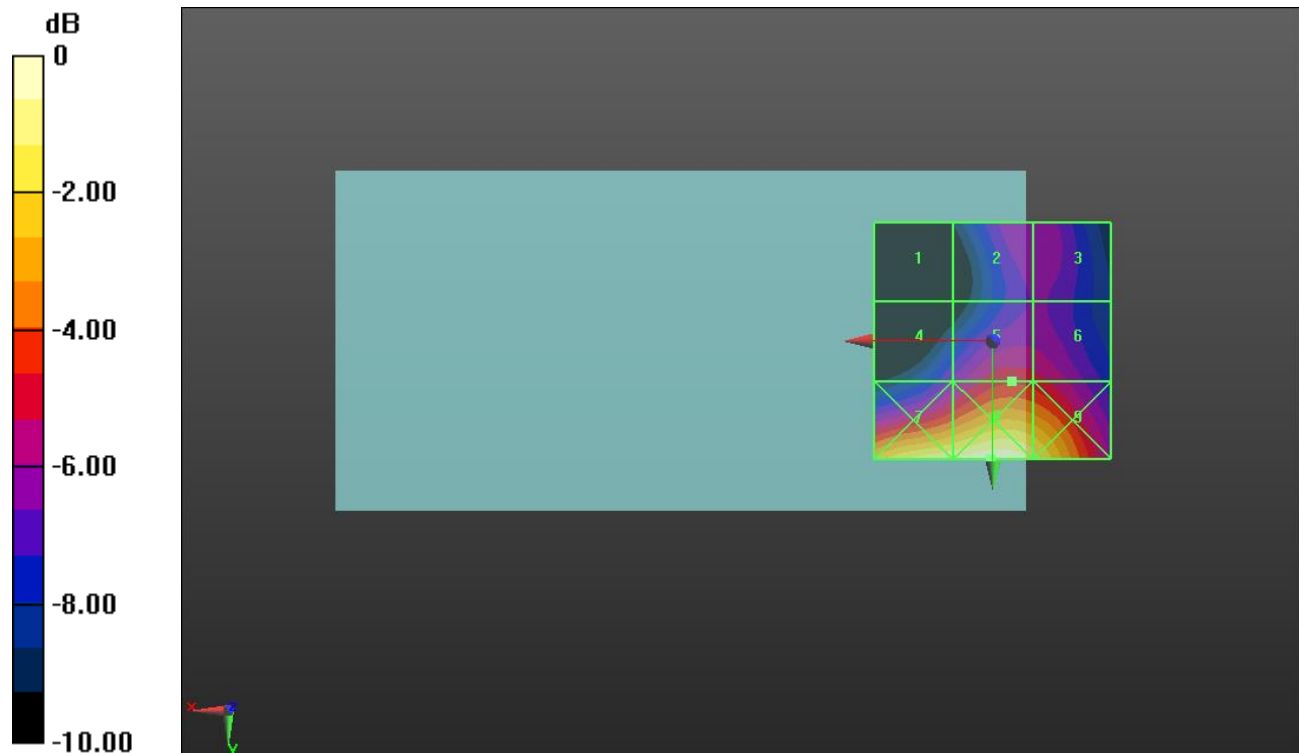
Applied MIF = 3.63 dB

RF audio interference level = 30.37 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.85 dBV/m	Grid 2 M4 29.1 dBV/m	Grid 3 M4 29.07 dBV/m
Grid 4 M4 28.62 dBV/m	Grid 5 M3 30.37 dBV/m	Grid 6 M3 30.14 dBV/m
Grid 7 M3 34.61 dBV/m	Grid 8 M2 35.11 dBV/m	Grid 9 M3 34.19 dBV/m



0 dB = 56.98 V/m = 35.11 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: 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)

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 = 23.86 V/m; Power Drift = -0.08 dB

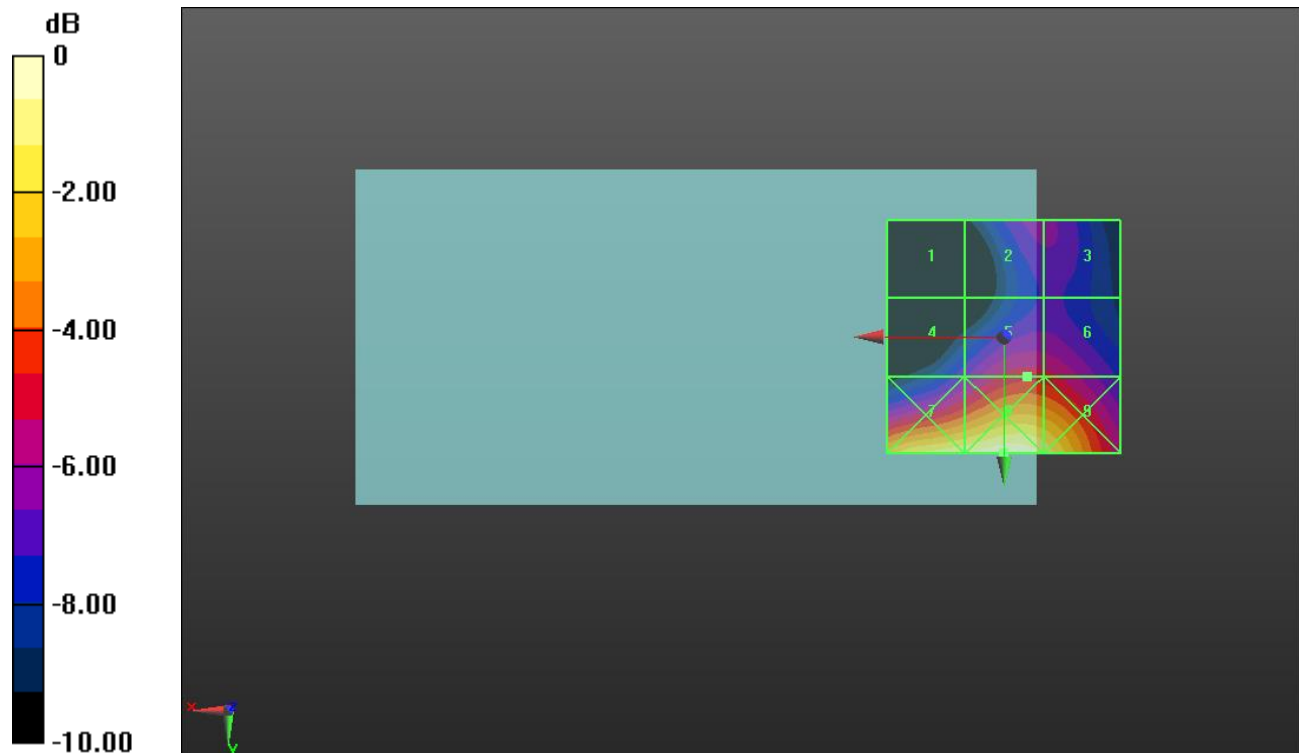
Applied MIF = 3.63 dB

RF audio interference level = 30.47 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.6 dBV/m	Grid 2 M4 28.92 dBV/m	Grid 3 M4 28.89 dBV/m
Grid 4 M4 28.64 dBV/m	Grid 5 M3 30.47 dBV/m	Grid 6 M3 30.35 dBV/m
Grid 7 M3 34.81 dBV/m	Grid 8 M2 35.34 dBV/m	Grid 9 M3 34.56 dBV/m



0 dB = 58.49 V/m = 35.34 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: 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)

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 = 22.68 V/m; Power Drift = -0.06 dB

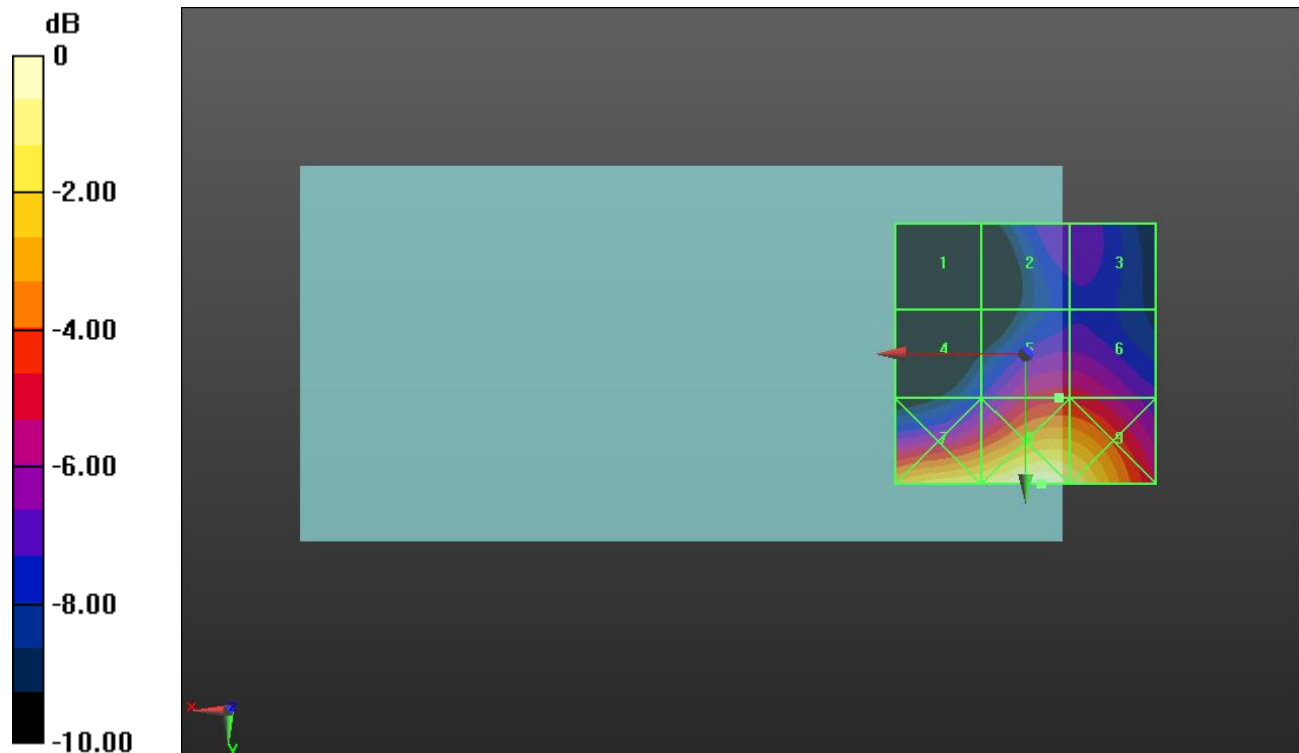
Applied MIF = 3.63 dB

RF audio interference level = 30.32 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 24.62 dBV/m	Grid 2 M4 28.53 dBV/m	Grid 3 M4 28.5 dBV/m
Grid 4 M4 27.86 dBV/m	Grid 5 M3 30.32 dBV/m	Grid 6 M3 30.28 dBV/m
Grid 7 M3 34.2 dBV/m	Grid 8 M2 35.13 dBV/m	Grid 9 M3 34.53 dBV/m



0 dB = 57.11 V/m = 35.13 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 23.68 V/m; Power Drift = -0.02 dB

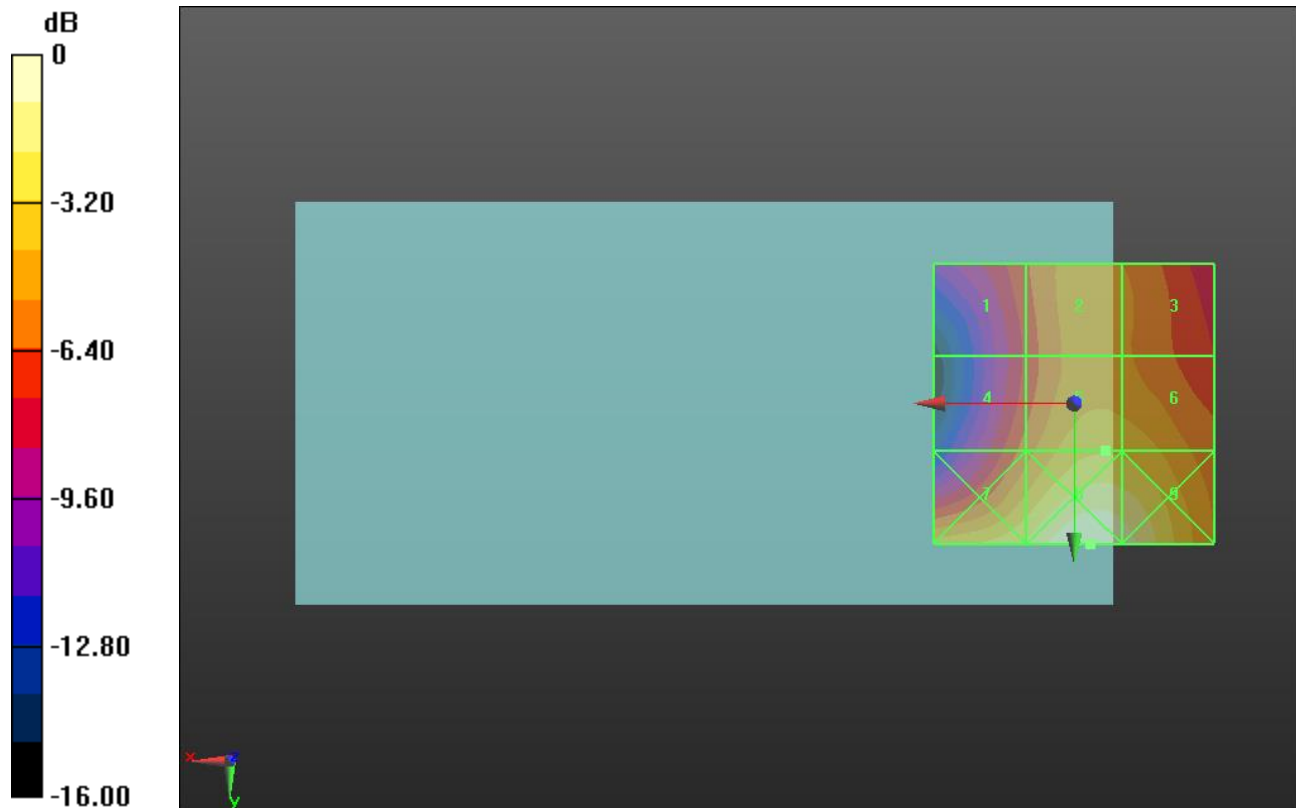
Applied MIF = -1.44 dB

RF audio interference level = 24.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.32 dBV/m	Grid 2 M4 23.11 dBV/m	Grid 3 M4 22.75 dBV/m
Grid 4 M4 22.03 dBV/m	Grid 5 M4 24.54 dBV/m	Grid 6 M4 24.45 dBV/m
Grid 7 M4 25.94 dBV/m	Grid 8 M4 27.8 dBV/m	Grid 9 M4 27.28 dBV/m



0 dB = 24.55 V/m = 27.80 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 25.15 V/m; Power Drift = -0.06 dB

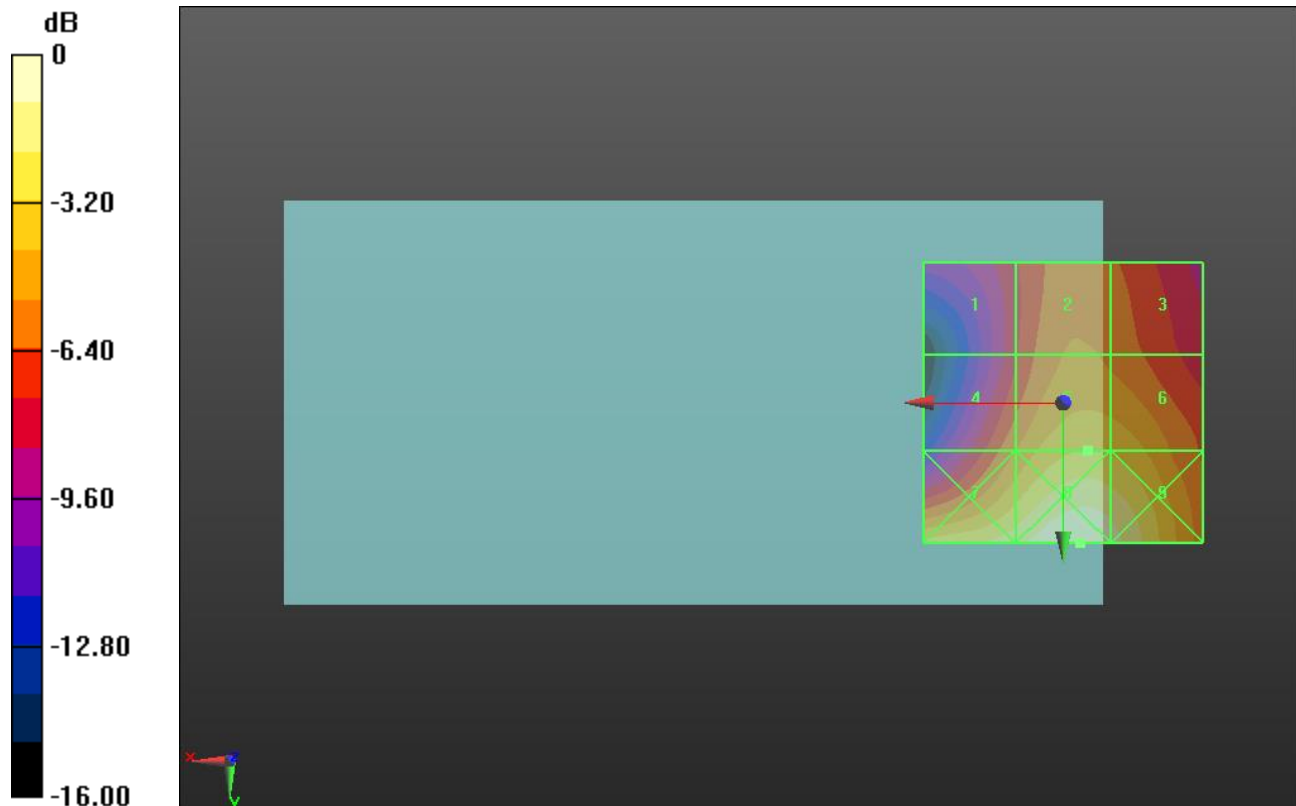
Applied MIF = -1.44 dB

RF audio interference level = 25.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.63 dBV/m	Grid 2 M4 23 dBV/m	Grid 3 M4 22.61 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 25.03 dBV/m	Grid 6 M4 24.84 dBV/m
Grid 7 M4 26.78 dBV/m	Grid 8 M4 28.18 dBV/m	Grid 9 M4 27.56 dBV/m



0 dB = 25.63 V/m = 28.17 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 21.80 V/m; Power Drift = -0.03 dB

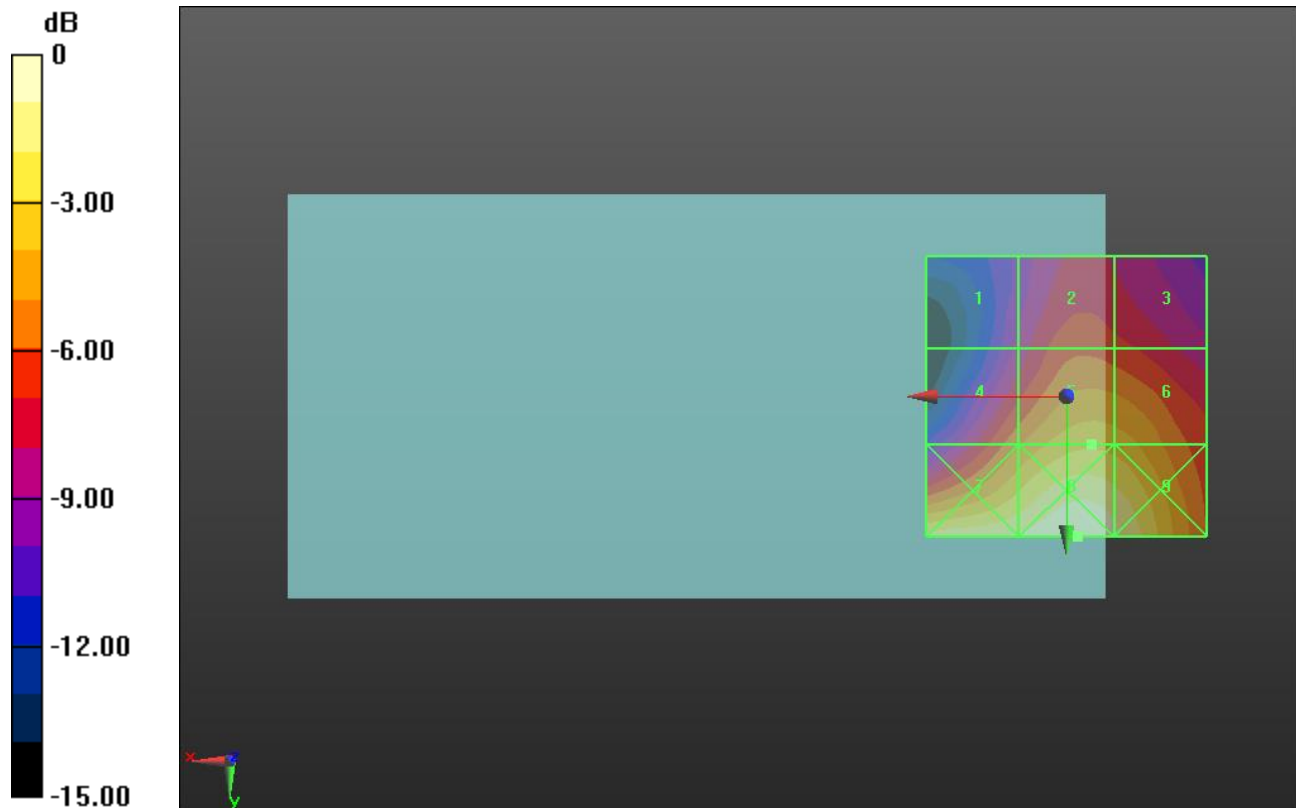
Applied MIF = -1.44 dB

RF audio interference level = 23.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.45 dBV/m	Grid 2 M4 20.88 dBV/m	Grid 3 M4 20.5 dBV/m
Grid 4 M4 21.93 dBV/m	Grid 5 M4 23.86 dBV/m	Grid 6 M4 23.67 dBV/m
Grid 7 M4 26.22 dBV/m	Grid 8 M4 27.04 dBV/m	Grid 9 M4 26.34 dBV/m



0 dB = 22.50 V/m = 27.04 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 22.75 V/m; Power Drift = -0.07 dB

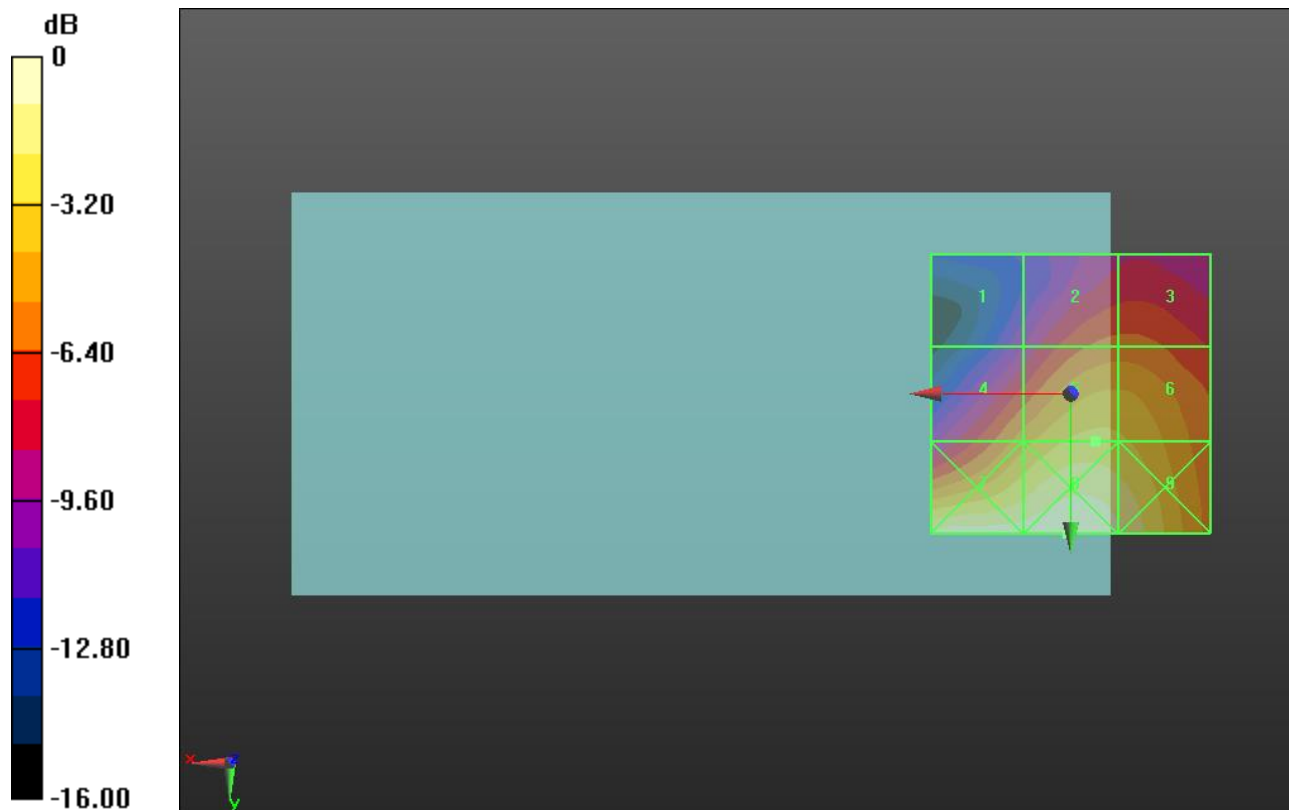
Applied MIF = -1.44 dB

RF audio interference level = 24.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.71 dBV/m	Grid 2 M4 21.35 dBV/m	Grid 3 M4 21.36 dBV/m
Grid 4 M4 22.58 dBV/m	Grid 5 M4 24.48 dBV/m	Grid 6 M4 24.3 dBV/m
Grid 7 M4 27.02 dBV/m	Grid 8 M4 27.28 dBV/m	Grid 9 M4 26.38 dBV/m



0 dB = 23.12 V/m = 27.28 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: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 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 = 21.97 V/m; Power Drift = -0.15 dB

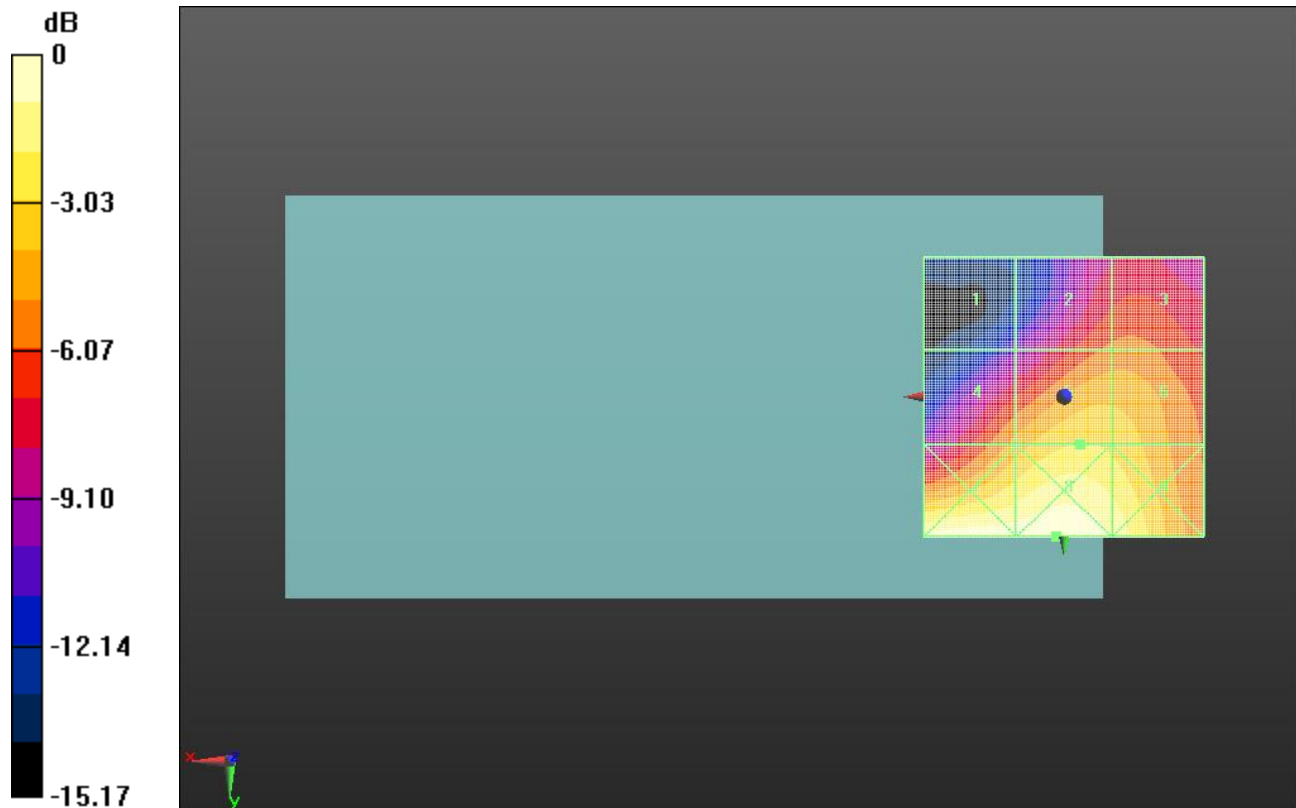
Applied MIF = -1.44 dB

RF audio interference level = 24.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.31 dBV/m	Grid 2 M4 21.73 dBV/m	Grid 3 M4 21.87 dBV/m
Grid 4 M4 22.94 dBV/m	Grid 5 M4 24.54 dBV/m	Grid 6 M4 24.26 dBV/m
Grid 7 M4 27.43 dBV/m	Grid 8 M4 27.53 dBV/m	Grid 9 M4 26.35 dBV/m



0 dB = 23.79 V/m = 27.53 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.77 V/m; Power Drift = -0.08 dB

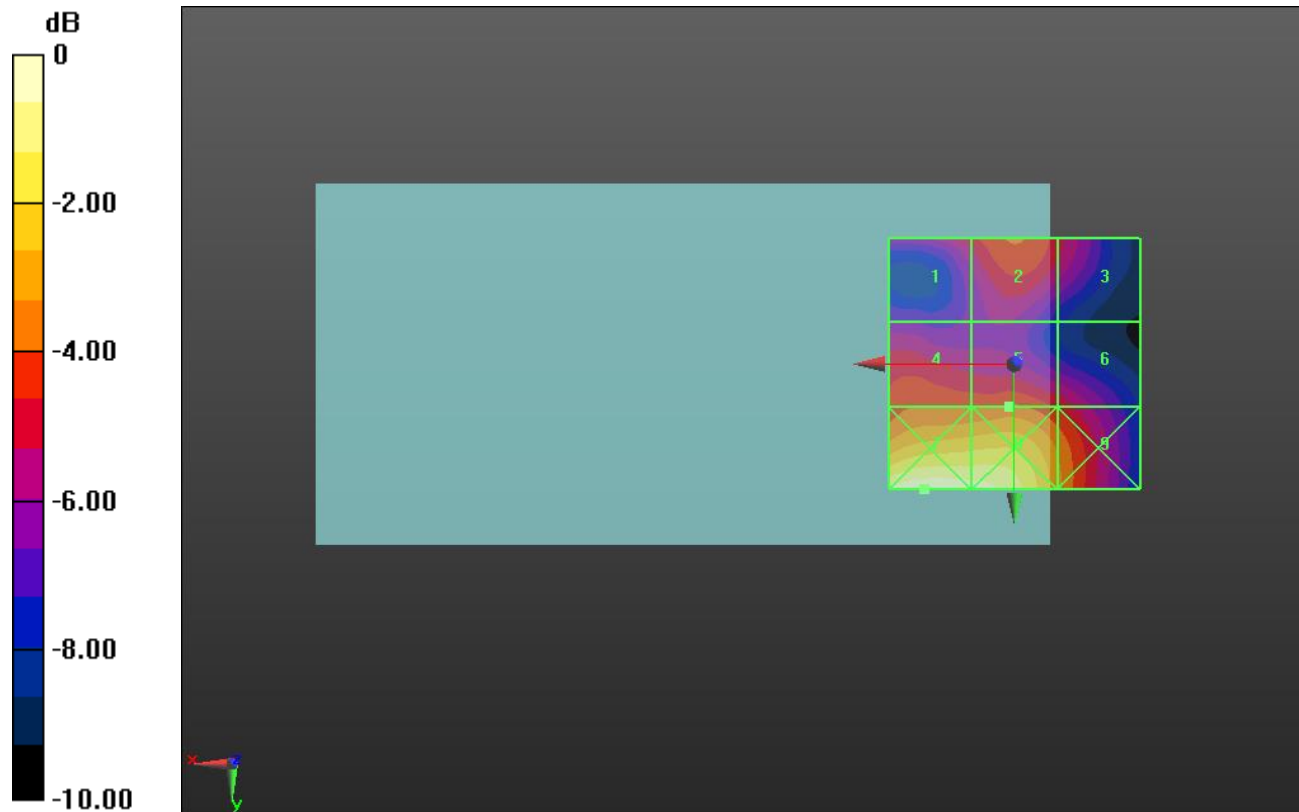
Applied MIF = -1.44 dB

RF audio interference level = 23.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.12 dBV/m	Grid 2 M4 23.08 dBV/m	Grid 3 M4 21.98 dBV/m
Grid 4 M4 23.06 dBV/m	Grid 5 M4 23.16 dBV/m	Grid 6 M4 22.25 dBV/m
Grid 7 M4 27 dBV/m	Grid 8 M4 26.74 dBV/m	Grid 9 M4 23.96 dBV/m



0 dB = 22.38 V/m = 27.00 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.11 V/m; Power Drift = -0.06 dB

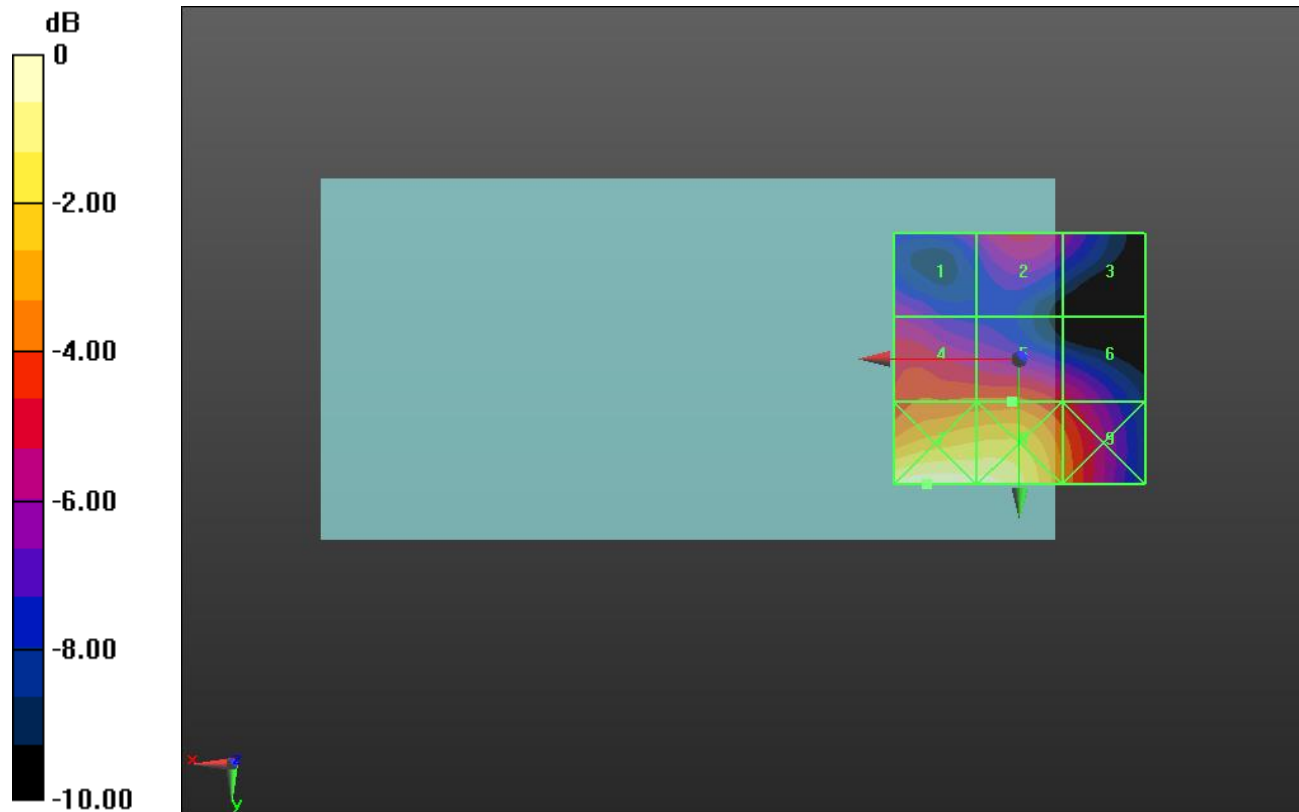
Applied MIF = -1.44 dB

RF audio interference level = 22.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.53 dBV/m	Grid 2 M4 21.42 dBV/m	Grid 3 M4 20.41 dBV/m
Grid 4 M4 22.74 dBV/m	Grid 5 M4 22.82 dBV/m	Grid 6 M4 21.67 dBV/m
Grid 7 M4 26.53 dBV/m	Grid 8 M4 26.24 dBV/m	Grid 9 M4 23.21 dBV/m



0 dB = 21.21 V/m = 26.53 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.53 V/m; Power Drift = -0.05 dB

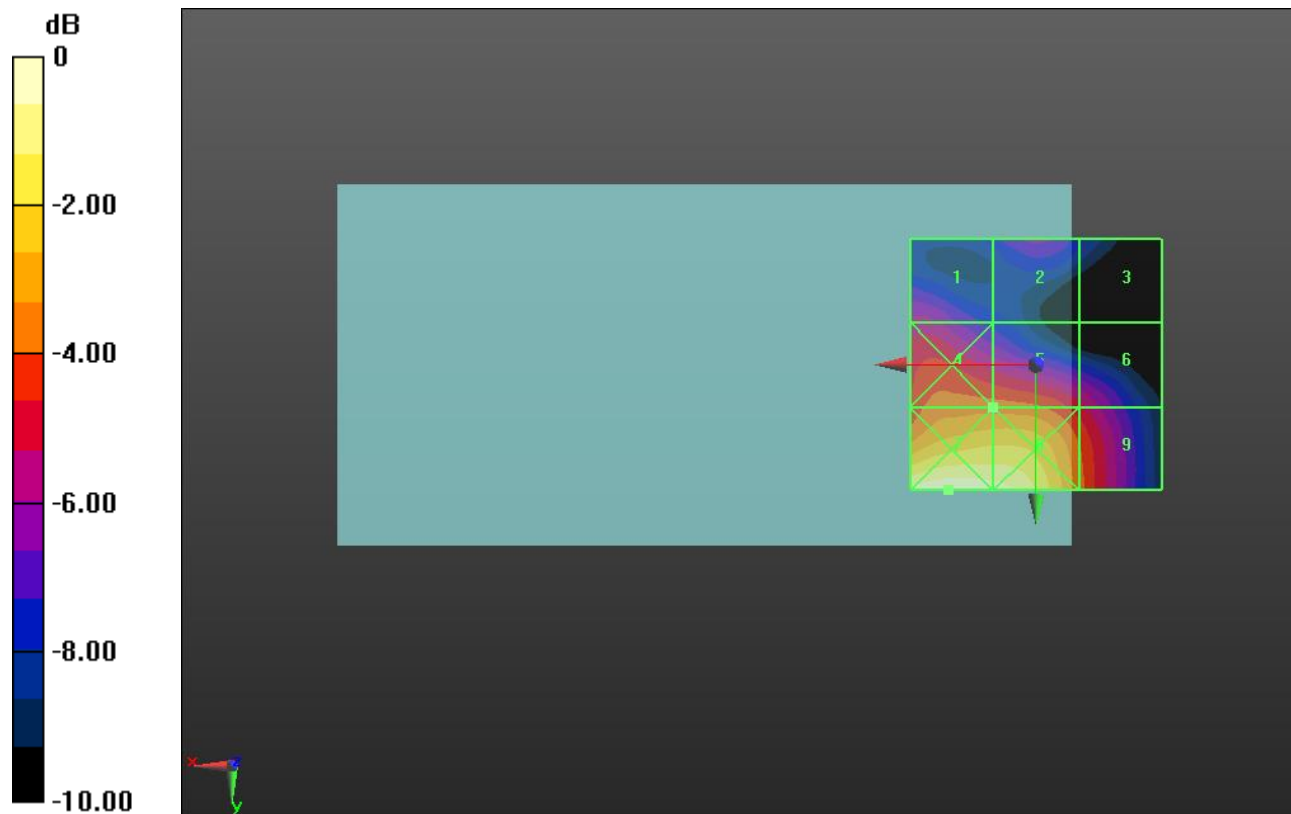
Applied MIF = -1.44 dB

RF audio interference level = 22.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.45 dBV/m	Grid 2 M4 19.72 dBV/m	Grid 3 M4 18.49 dBV/m
Grid 4 M4 22.6 dBV/m	Grid 5 M4 22.58 dBV/m	Grid 6 M4 21.13 dBV/m
Grid 7 M4 26.18 dBV/m	Grid 8 M4 25.89 dBV/m	Grid 9 M4 22.54 dBV/m



0 dB = 20.37 V/m = 26.18 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.22 V/m; Power Drift = -0.00 dB

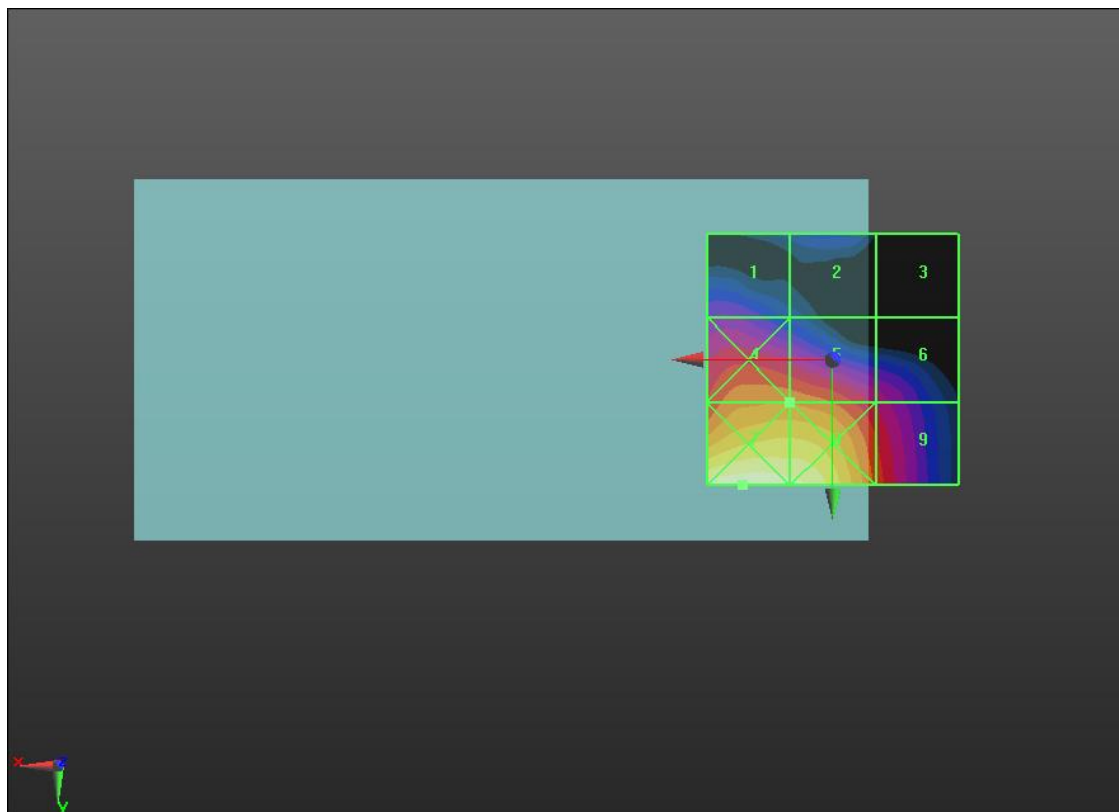
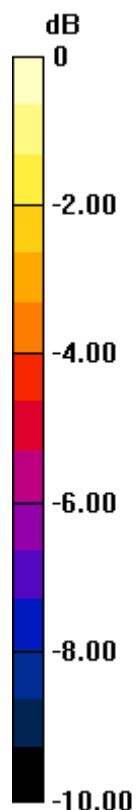
Applied MIF = -1.44 dB

RF audio interference level = 22.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.23 dBV/m	Grid 2 M4 18.1 dBV/m	Grid 3 M4 16.49 dBV/m
Grid 4 M4 22.38 dBV/m	Grid 5 M4 22.32 dBV/m	Grid 6 M4 20.24 dBV/m
Grid 7 M4 25.72 dBV/m	Grid 8 M4 25.37 dBV/m	Grid 9 M4 21.59 dBV/m



0 dB = 19.32 V/m = 25.72 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.751 V/m; Power Drift = -0.11 dB

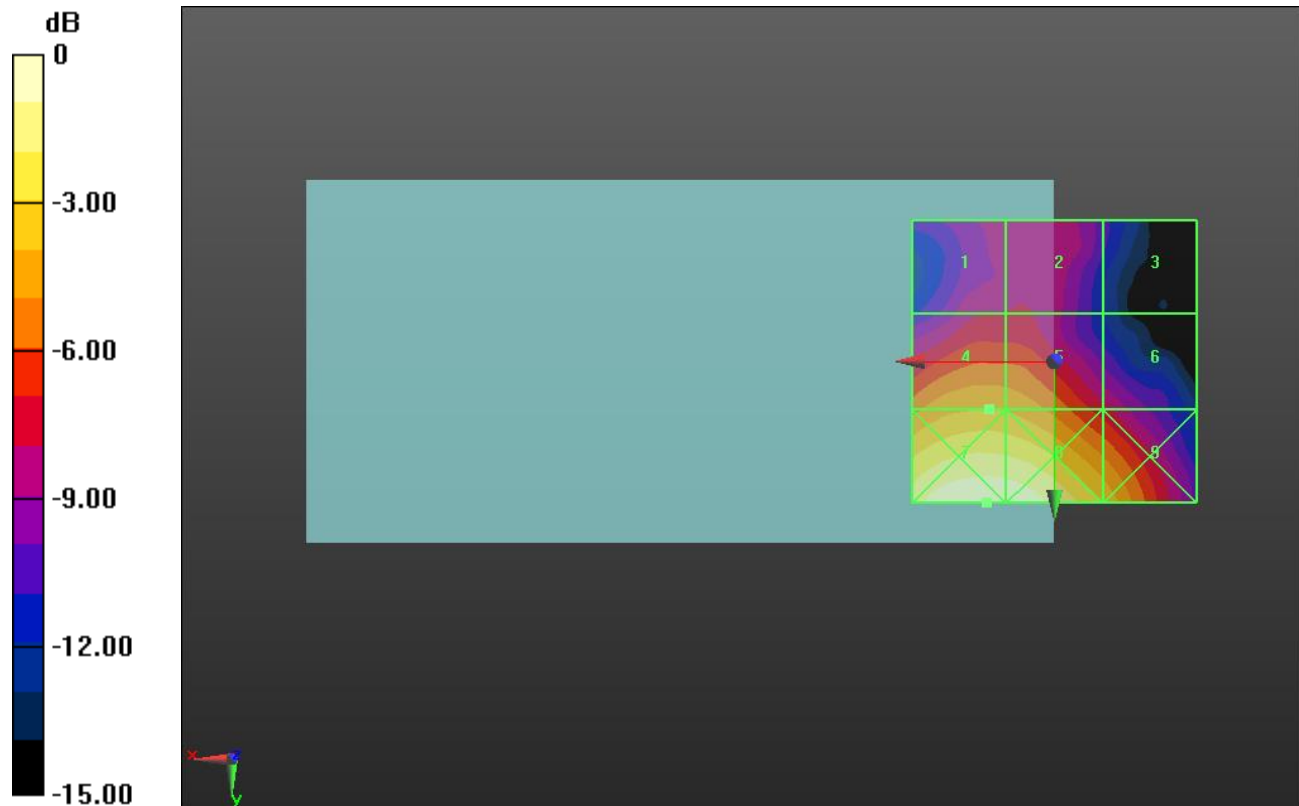
Applied MIF = -2.02 dB

RF audio interference level = 18.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.56 dBV/m	Grid 2 M4 14.63 dBV/m	Grid 3 M4 11.99 dBV/m
Grid 4 M4 18.55 dBV/m	Grid 5 M4 18.43 dBV/m	Grid 6 M4 14.92 dBV/m
Grid 7 M4 22.46 dBV/m	Grid 8 M4 22.34 dBV/m	Grid 9 M4 19.41 dBV/m



0 dB = 13.28 V/m = 22.46 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.813 V/m; Power Drift = -0.15 dB

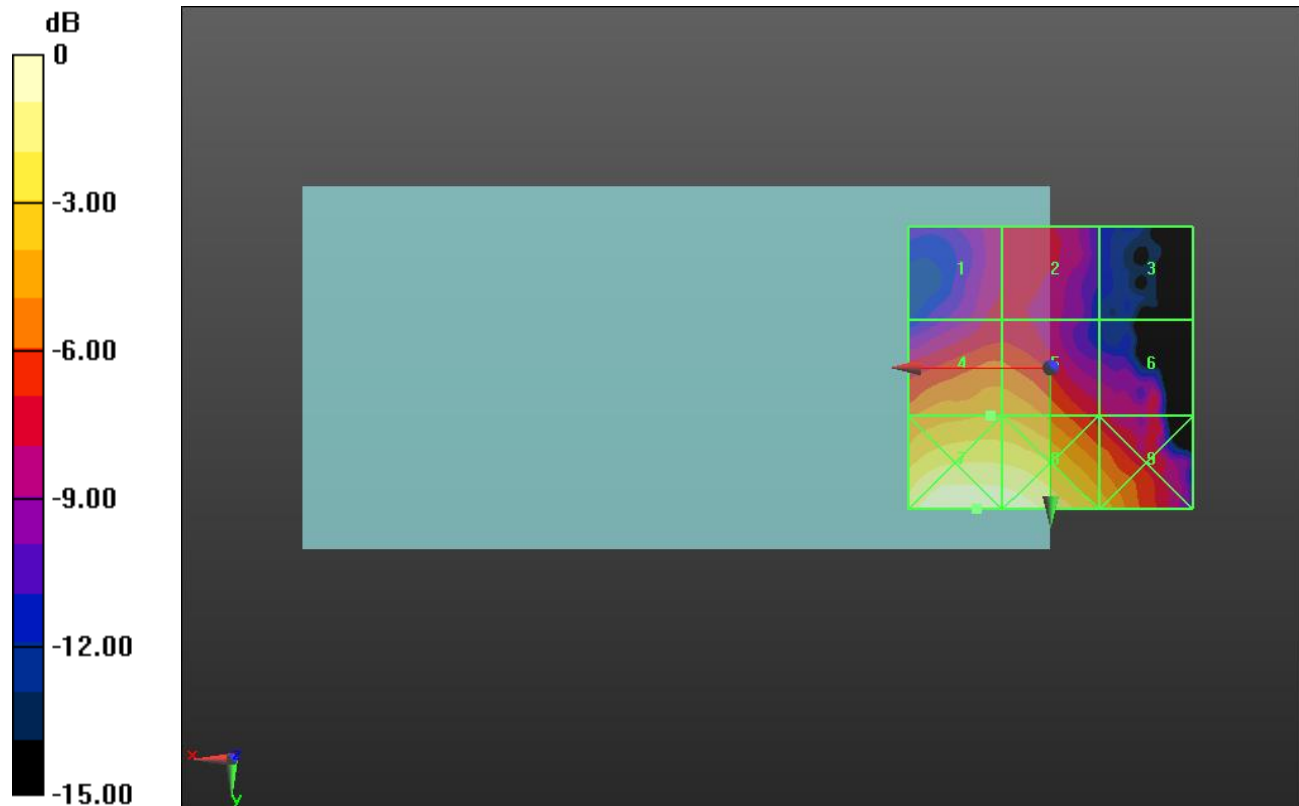
Applied MIF = -2.02 dB

RF audio interference level = 15.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.84 dBV/m	Grid 2 M4 12.35 dBV/m	Grid 3 M4 8.51 dBV/m
Grid 4 M4 15.48 dBV/m	Grid 5 M4 15.43 dBV/m	Grid 6 M4 11.89 dBV/m
Grid 7 M4 19.42 dBV/m	Grid 8 M4 19.24 dBV/m	Grid 9 M4 16.28 dBV/m



0 dB = 9.355 V/m = 19.42 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.435 V/m; Power Drift = -0.41 dB

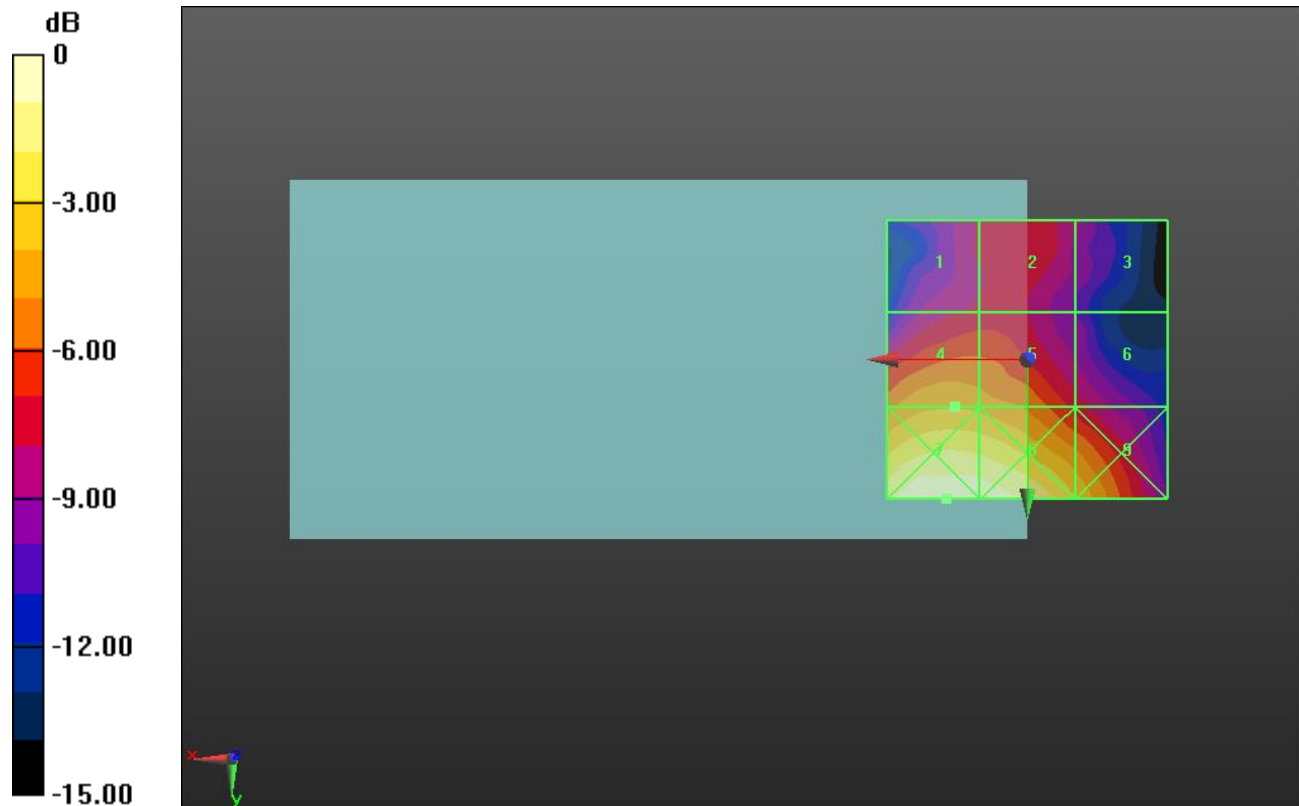
Applied MIF = -2.02 dB

RF audio interference level = 16.68 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.06 dBV/m	Grid 2 M4 13.48 dBV/m	Grid 3 M4 12.11 dBV/m
Grid 4 M4 16.68 dBV/m	Grid 5 M4 16.45 dBV/m	Grid 6 M4 13.38 dBV/m
Grid 7 M4 20.7 dBV/m	Grid 8 M4 20.45 dBV/m	Grid 9 M4 17.81 dBV/m



0 dB = 10.84 V/m = 20.70 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.082 V/m; Power Drift = -0.15 dB

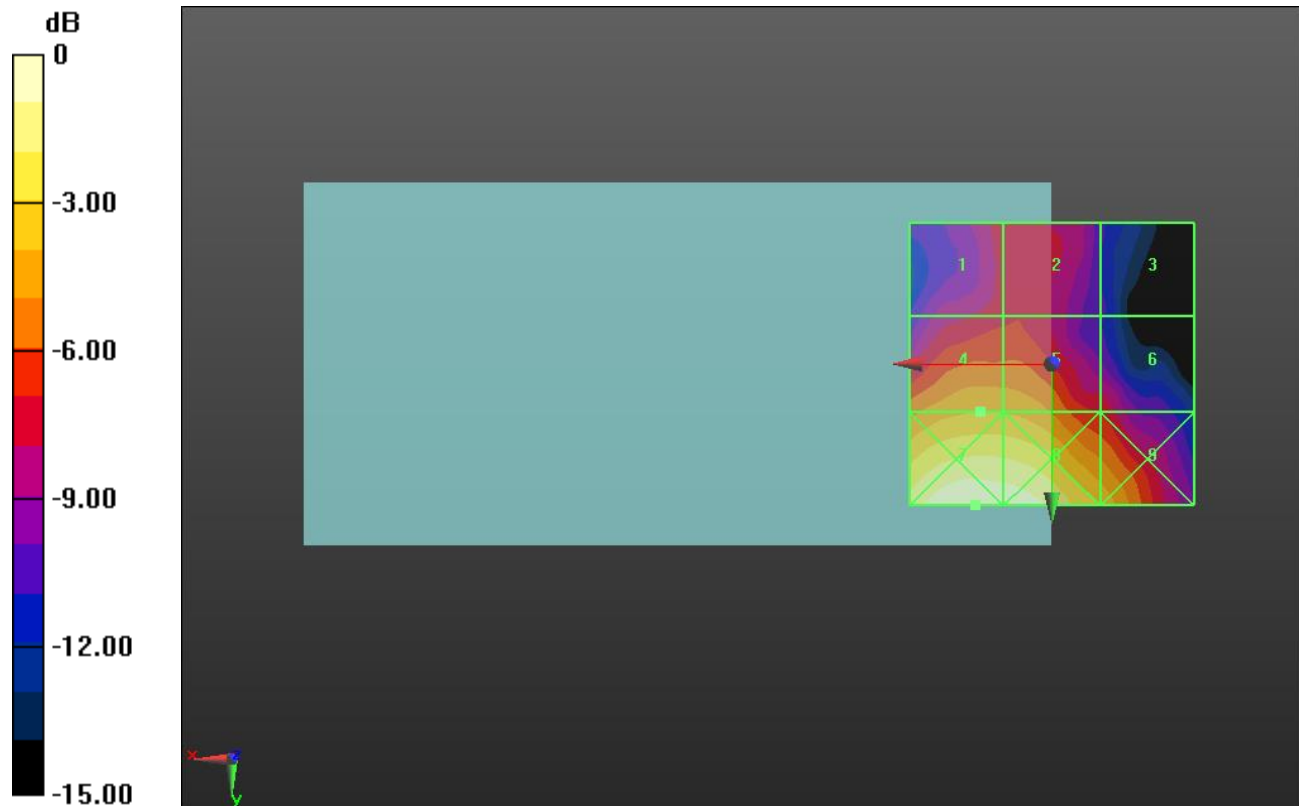
Applied MIF = 0.12 dB

RF audio interference level = 19.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.81 dBV/m	Grid 2 M4 16.12 dBV/m	Grid 3 M4 12.55 dBV/m
Grid 4 M4 19.14 dBV/m	Grid 5 M4 19.07 dBV/m	Grid 6 M4 15.98 dBV/m
Grid 7 M4 23.1 dBV/m	Grid 8 M4 22.94 dBV/m	Grid 9 M4 20.06 dBV/m



0 dB = 14.30 V/m = 23.11 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.590 V/m; Power Drift = 0.22 dB

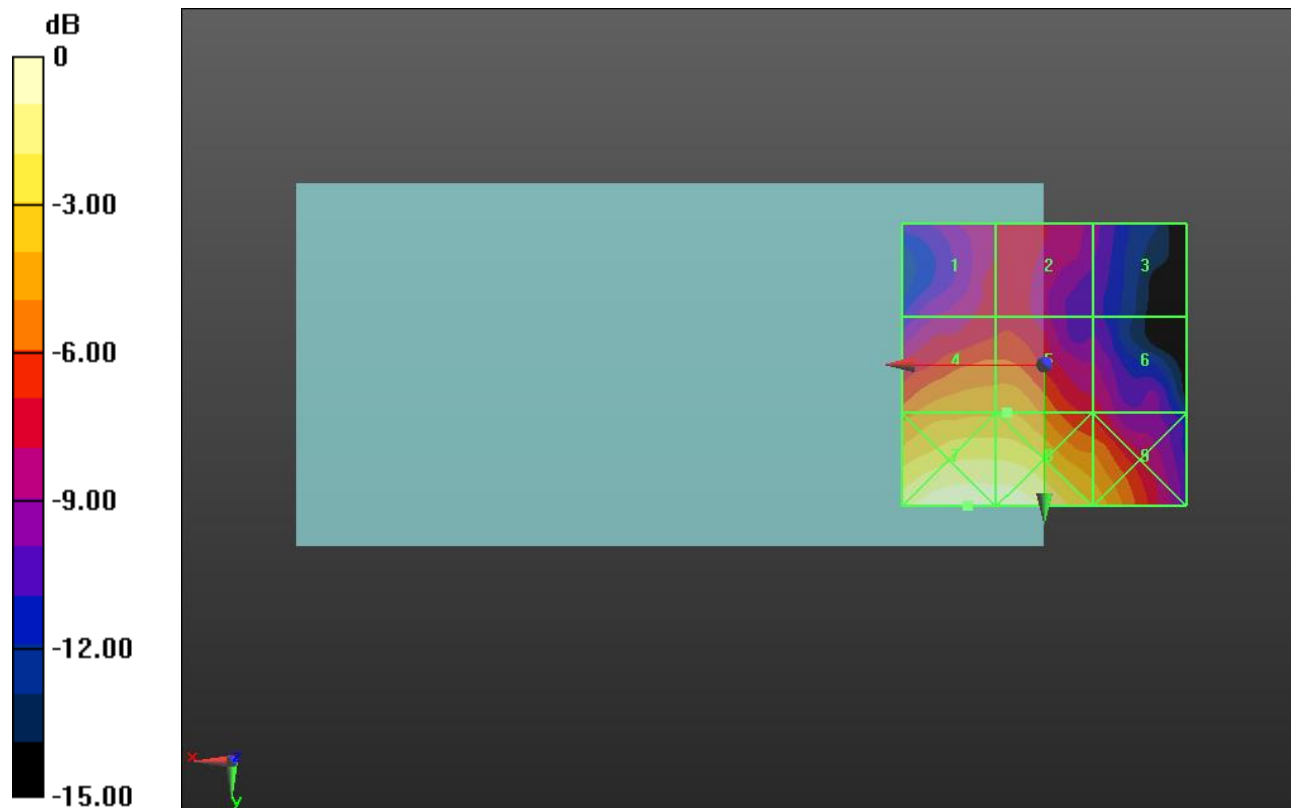
Applied MIF = 0.12 dB

RF audio interference level = 17.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.86 dBV/m	Grid 2 M4 14.06 dBV/m	Grid 3 M4 11.72 dBV/m
Grid 4 M4 17.17 dBV/m	Grid 5 M4 17.26 dBV/m	Grid 6 M4 13.88 dBV/m
Grid 7 M4 21.21 dBV/m	Grid 8 M4 21.02 dBV/m	Grid 9 M4 18.14 dBV/m



0 dB = 11.49 V/m = 21.21 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.004 V/m; Power Drift = -0.07 dB

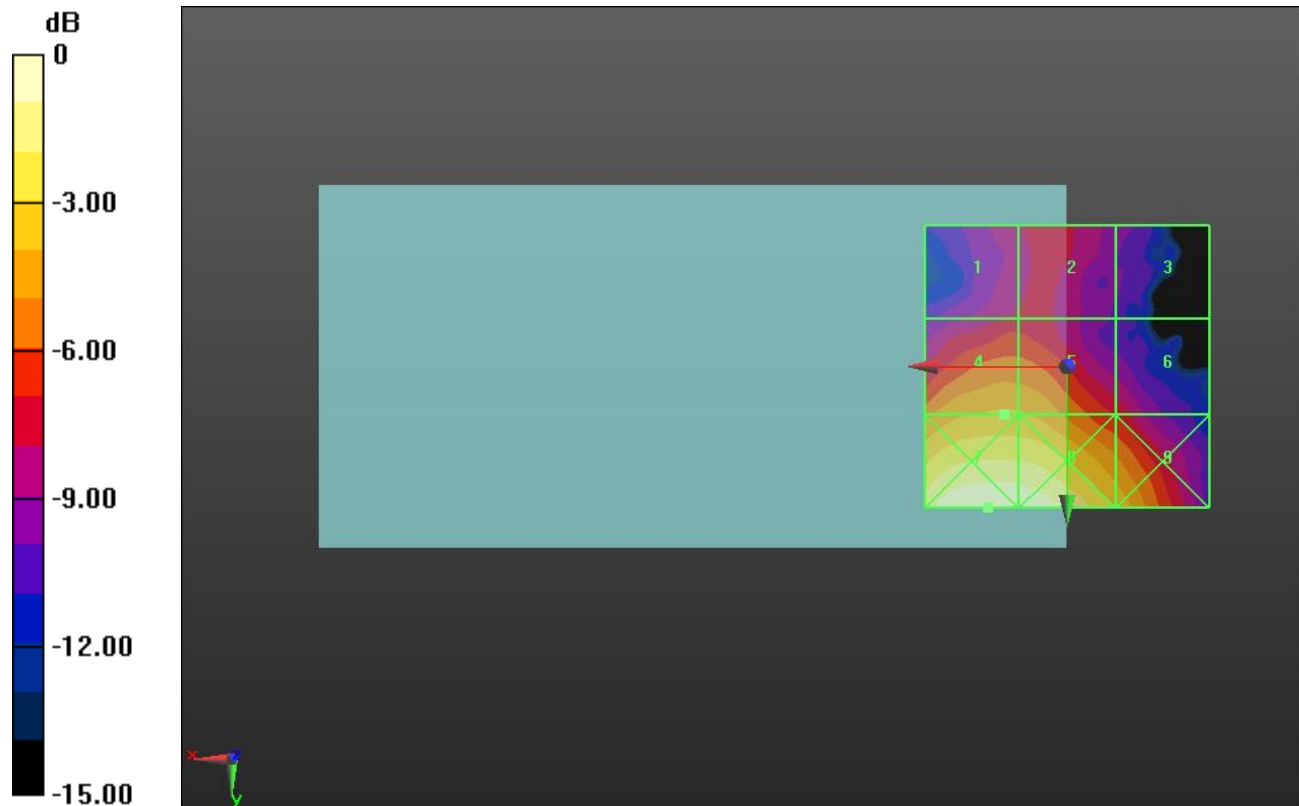
Applied MIF = 0.12 dB

RF audio interference level = 18.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.74 dBV/m	Grid 2 M4 14.99 dBV/m	Grid 3 M4 13.2 dBV/m
Grid 4 M4 18.62 dBV/m	Grid 5 M4 18.55 dBV/m	Grid 6 M4 15.36 dBV/m
Grid 7 M4 22.39 dBV/m	Grid 8 M4 22.2 dBV/m	Grid 9 M4 19.35 dBV/m



0 dB = 13.17 V/m = 22.39 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 40/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.729 V/m; Power Drift = -0.42 dB

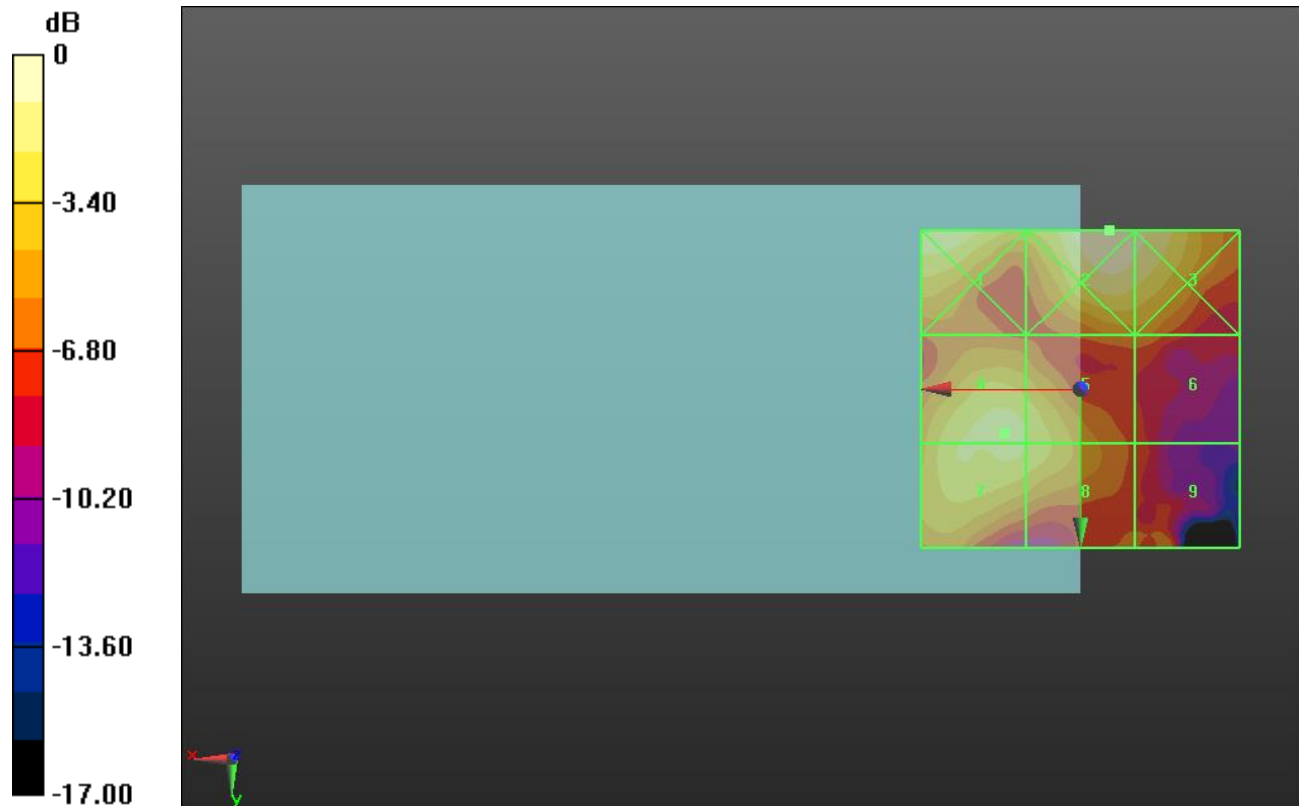
Applied MIF = -5.82 dB

RF audio interference level = 10.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.24 dBV/m	Grid 2 M4 12.3 dBV/m	Grid 3 M4 11.62 dBV/m
Grid 4 M4 10.47 dBV/m	Grid 5 M4 10.08 dBV/m	Grid 6 M4 6.9 dBV/m
Grid 7 M4 10.43 dBV/m	Grid 8 M4 10.06 dBV/m	Grid 9 M4 6.59 dBV/m



0 dB = 4.123 V/m = 12.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 44/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.069 V/m; Power Drift = 1.47 dB

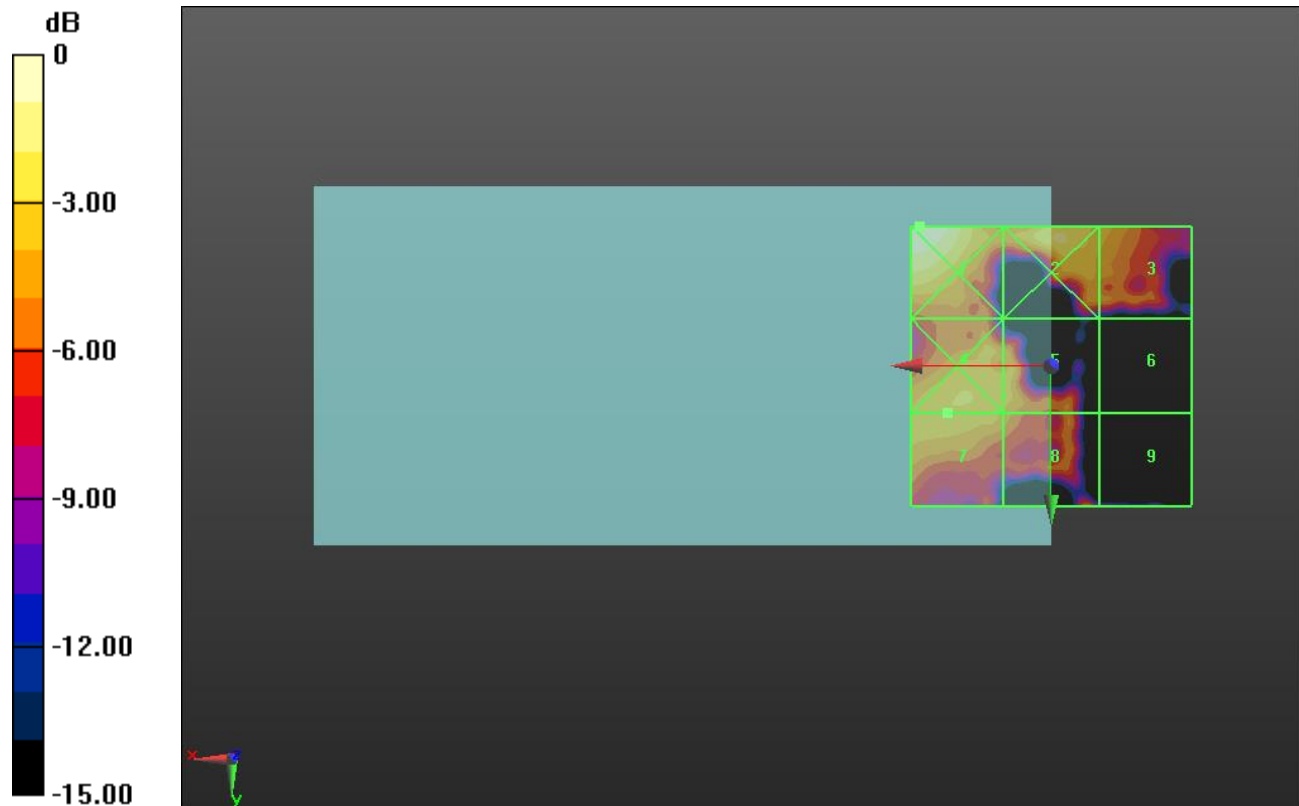
Applied MIF = -5.82 dB

RF audio interference level = 8.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.66 dBV/m	Grid 2 M4 9.86 dBV/m	Grid 3 M4 8.29 dBV/m
Grid 4 M4 8.74 dBV/m	Grid 5 M4 8.17 dBV/m	Grid 6 M4 -3.85 dBV/m
Grid 7 M4 8.61 dBV/m	Grid 8 M4 7.4 dBV/m	Grid 9 M4 4.84 dBV/m



0 dB = 3.829 V/m = 11.66 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.834 V/m; Power Drift = -0.43 dB

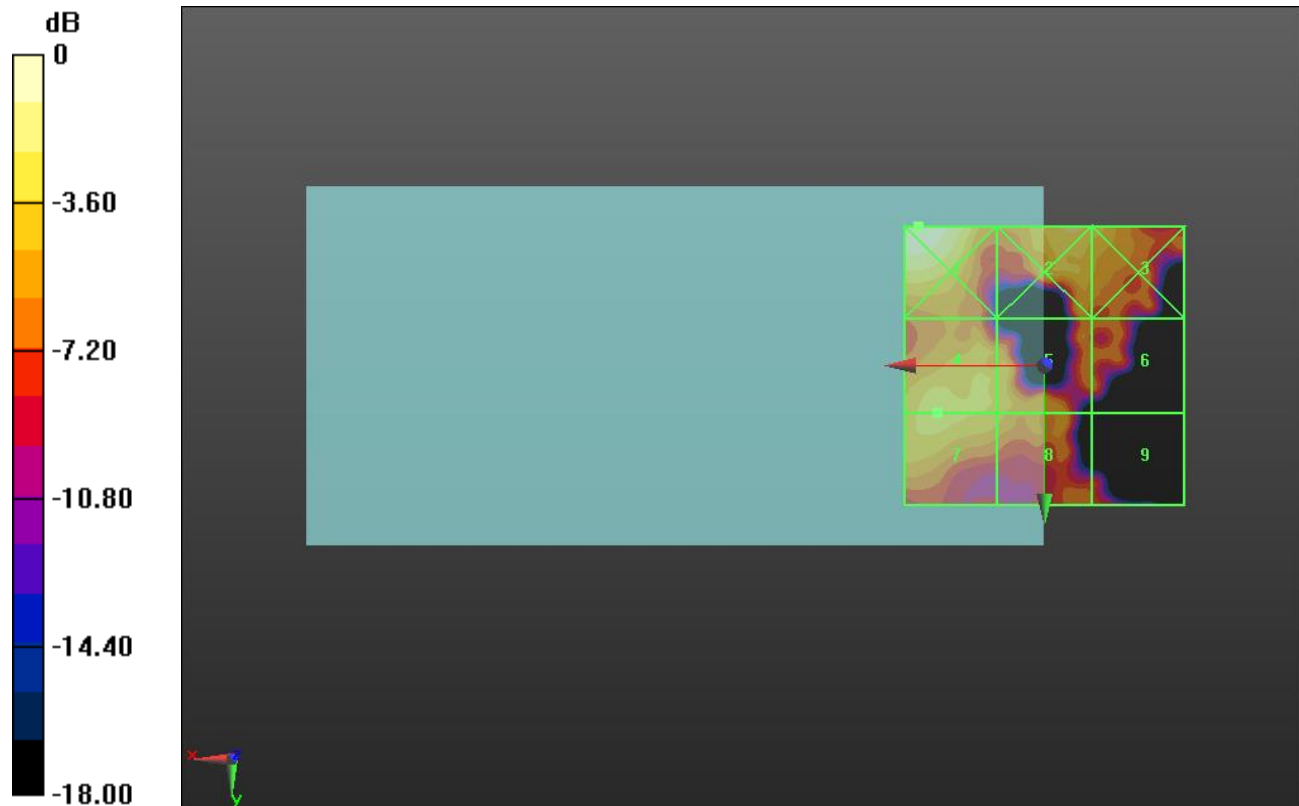
Applied MIF = -5.82 dB

RF audio interference level = 9.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.21 dBV/m	Grid 2 M4 10.19 dBV/m	Grid 3 M4 9.43 dBV/m
Grid 4 M4 9.16 dBV/m	Grid 5 M4 8.51 dBV/m	Grid 6 M4 6.26 dBV/m
Grid 7 M4 9.16 dBV/m	Grid 8 M4 8.02 dBV/m	Grid 9 M4 5.1 dBV/m



0 dB = 4.078 V/m = 12.21 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 52/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.472 V/m; Power Drift = -1.13 dB

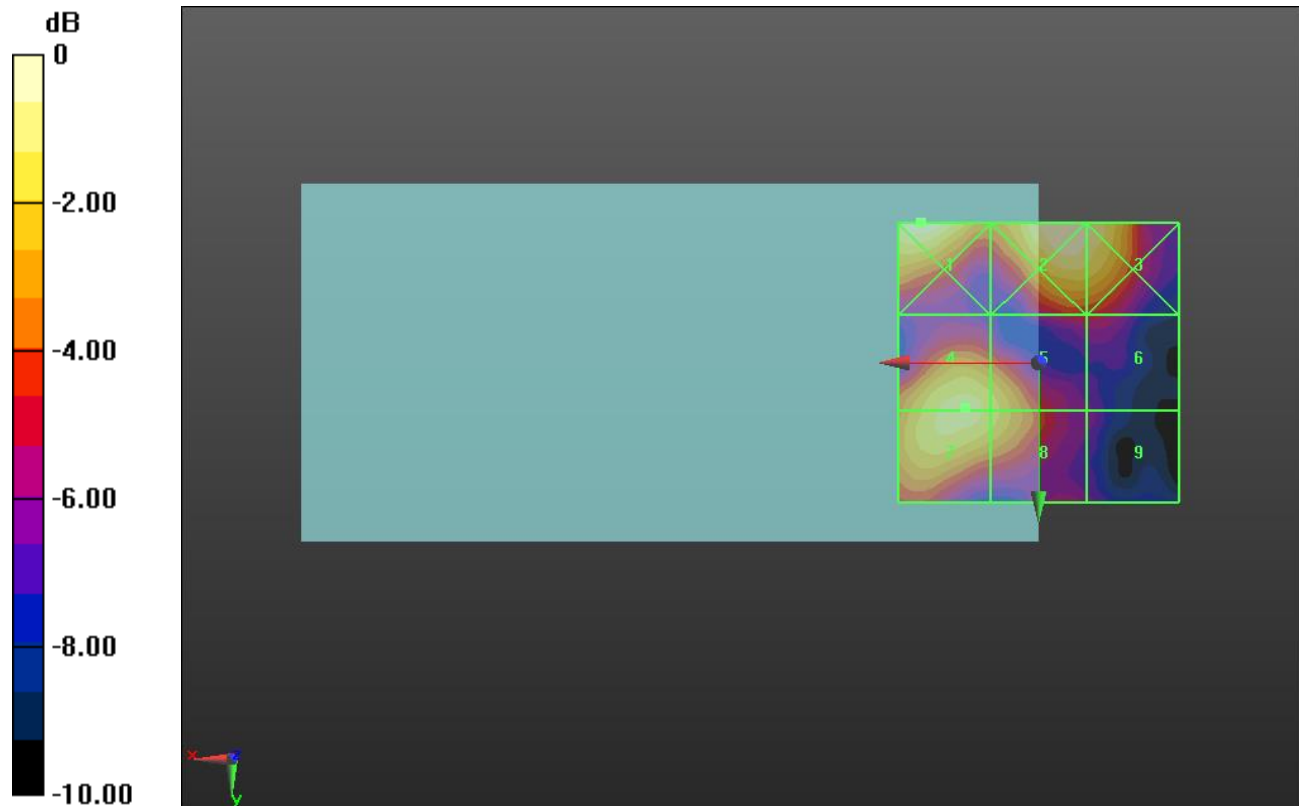
Applied MIF = -5.82 dB

RF audio interference level = 12.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.38 dBV/m	Grid 2 M4 13.31 dBV/m	Grid 3 M4 12.91 dBV/m
Grid 4 M4 12.28 dBV/m	Grid 5 M4 11.75 dBV/m	Grid 6 M4 8.58 dBV/m
Grid 7 M4 12.27 dBV/m	Grid 8 M4 11.75 dBV/m	Grid 9 M4 7.18 dBV/m



0 dB = 4.669 V/m = 13.38 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 56/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.127 V/m; Power Drift = -0.37 dB

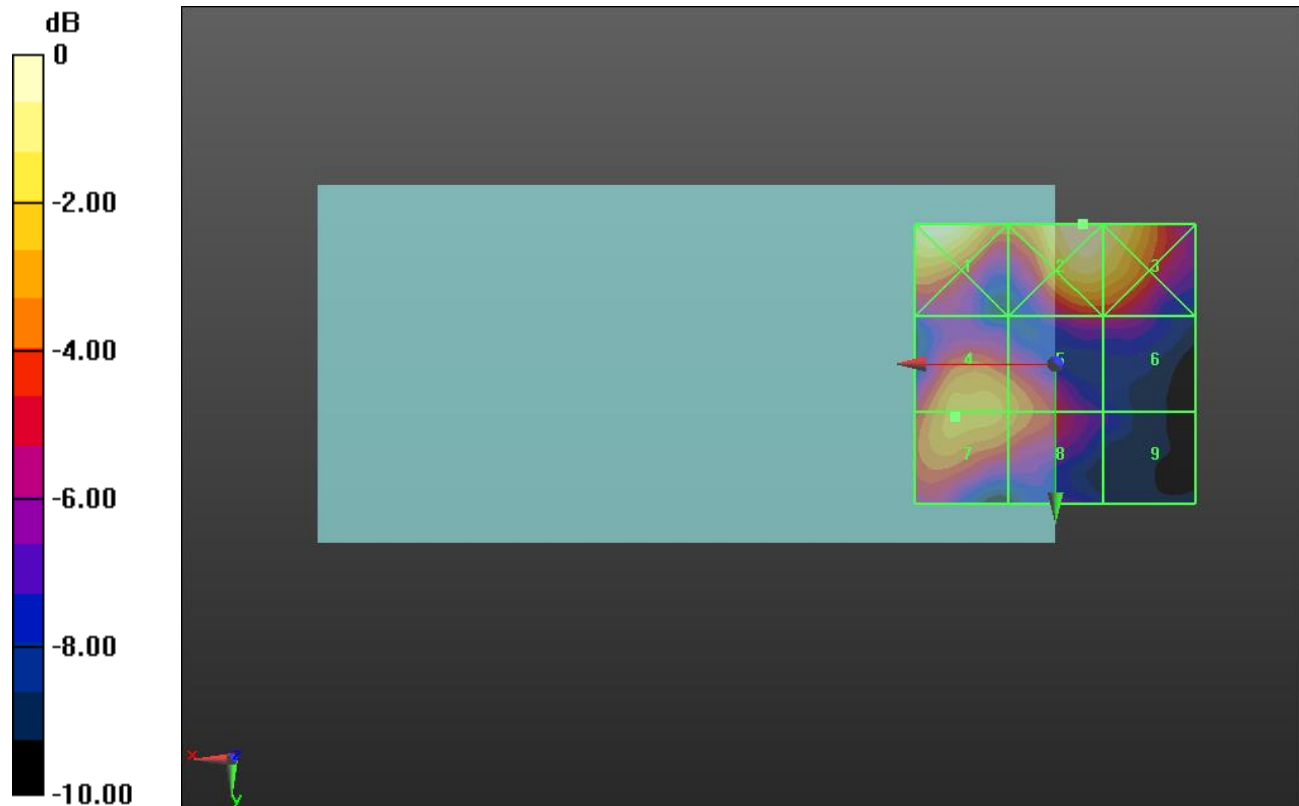
Applied MIF = -5.82 dB

RF audio interference level = 11.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14 dBV/m	Grid 2 M4 14.02 dBV/m	Grid 3 M4 13.5 dBV/m
Grid 4 M4 11.7 dBV/m	Grid 5 M4 11.21 dBV/m	Grid 6 M4 8.89 dBV/m
Grid 7 M4 11.71 dBV/m	Grid 8 M4 11.2 dBV/m	Grid 9 M4 6.85 dBV/m



0 dB = 5.026 V/m = 14.02 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.792 V/m; Power Drift = -0.82 dB

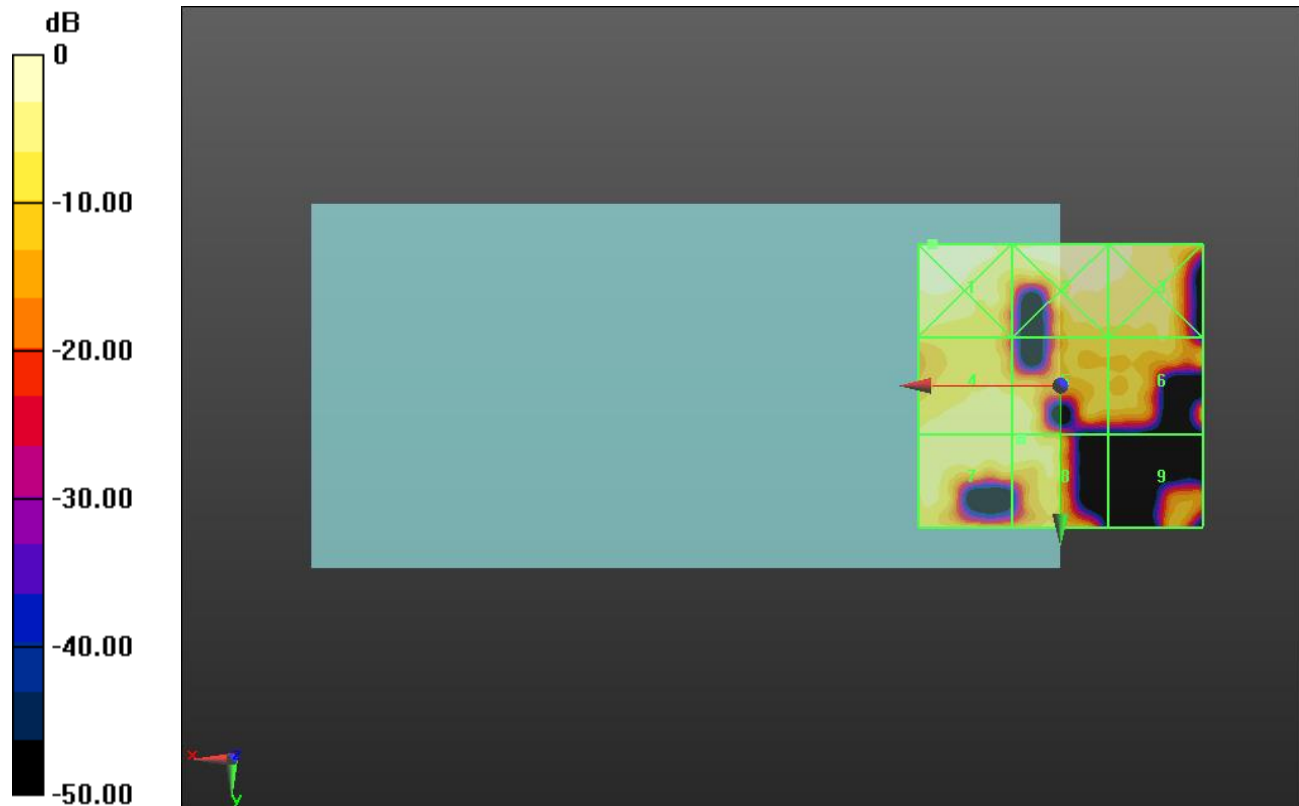
Applied MIF = -5.82 dB

RF audio interference level = 7.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.43 dBV/m	Grid 2 M4 10.53 dBV/m	Grid 3 M4 9.46 dBV/m
Grid 4 M4 6.85 dBV/m	Grid 5 M4 7.37 dBV/m	Grid 6 M4 5.16 dBV/m
Grid 7 M4 6.96 dBV/m	Grid 8 M4 7.48 dBV/m	Grid 9 M4 0.29 dBV/m



0 dB = 3.728 V/m = 11.43 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 104/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.132 V/m; Power Drift = -2.72 dB

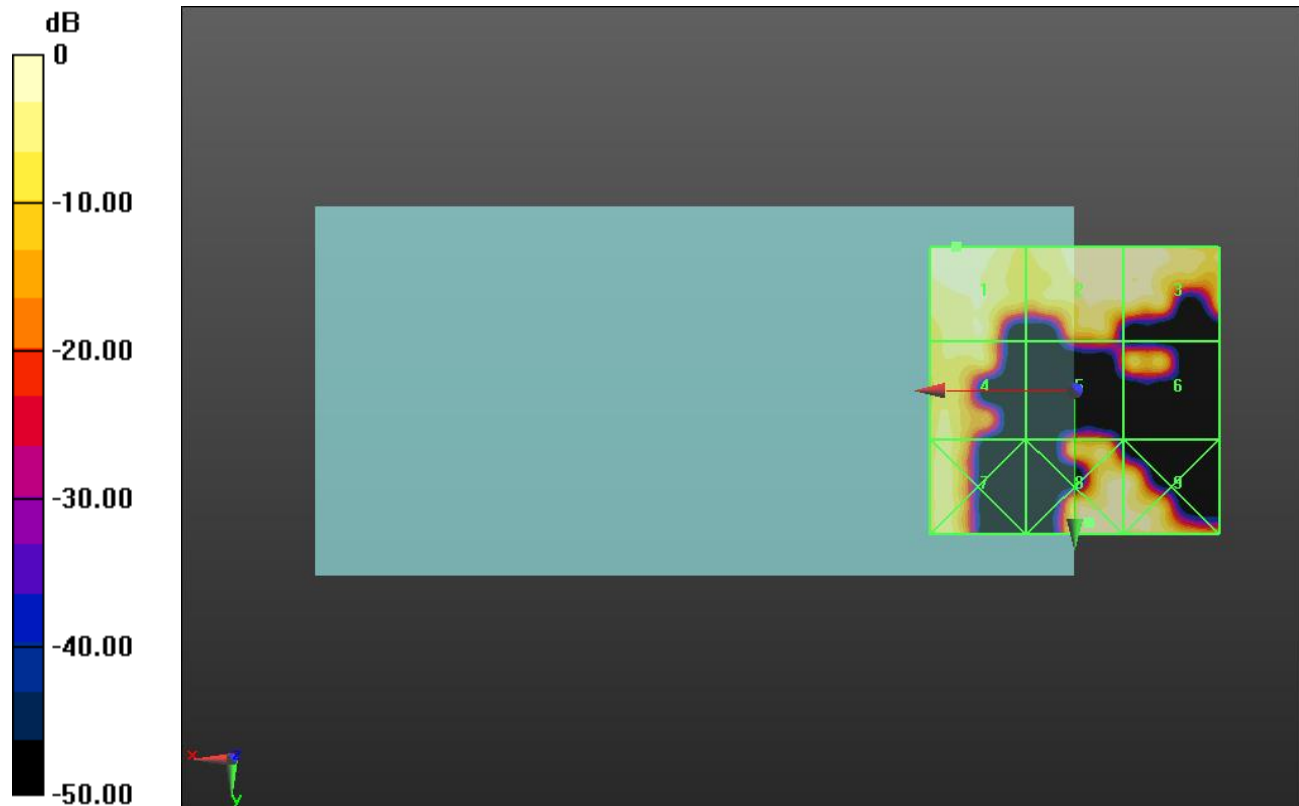
Applied MIF = -5.82 dB

RF audio interference level = 9.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.56 dBV/m	Grid 2 M4 9.04 dBV/m	Grid 3 M4 8.42 dBV/m
Grid 4 M4 5.71 dBV/m	Grid 5 M4 -5.96 dBV/m	Grid 6 M4 2.23 dBV/m
Grid 7 M4 6.02 dBV/m	Grid 8 M4 9.79 dBV/m	Grid 9 M4 8.89 dBV/m



0 dB = 3.086 V/m = 9.79 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 124/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.191 V/m; Power Drift = -1.90 dB

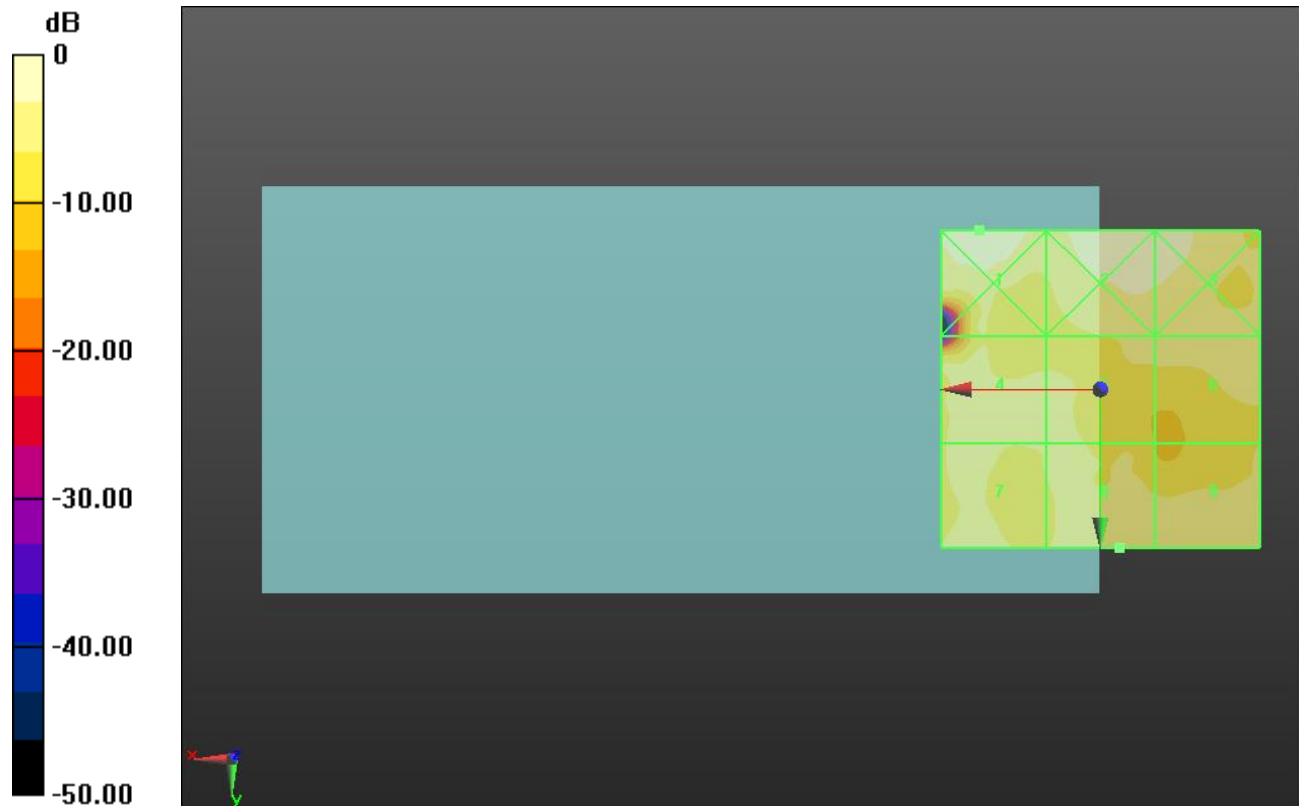
Applied MIF = -5.82 dB

RF audio interference level = 6.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.96 dBV/m	Grid 2 M4 9.61 dBV/m	Grid 3 M4 9.28 dBV/m
Grid 4 M4 5.3 dBV/m	Grid 5 M4 4.64 dBV/m	Grid 6 M4 4.75 dBV/m
Grid 7 M4 5.48 dBV/m	Grid 8 M4 6.48 dBV/m	Grid 9 M4 5.96 dBV/m



0 dB = 3.147 V/m = 9.96 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.116 V/m; Power Drift = -0.41 dB

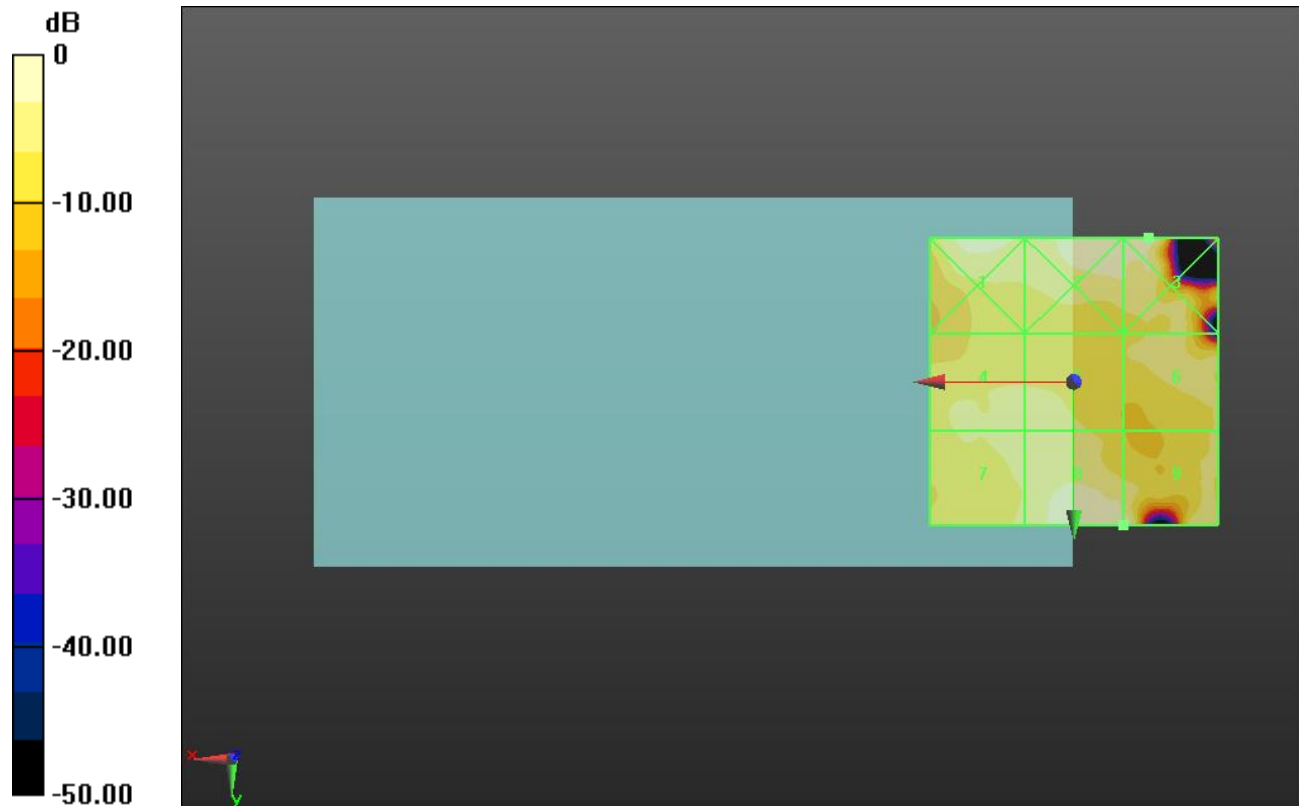
Applied MIF = -5.82 dB

RF audio interference level = 11.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.62 dBV/m	Grid 2 M4 10.8 dBV/m	Grid 3 M4 11.36 dBV/m
Grid 4 M4 5.77 dBV/m	Grid 5 M4 6.03 dBV/m	Grid 6 M4 6.39 dBV/m
Grid 7 M4 5.78 dBV/m	Grid 8 M4 11 dBV/m	Grid 9 M4 11 dBV/m



0 dB = 3.699 V/m = 11.36 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 149/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.764 V/m; Power Drift = -0.65 dB

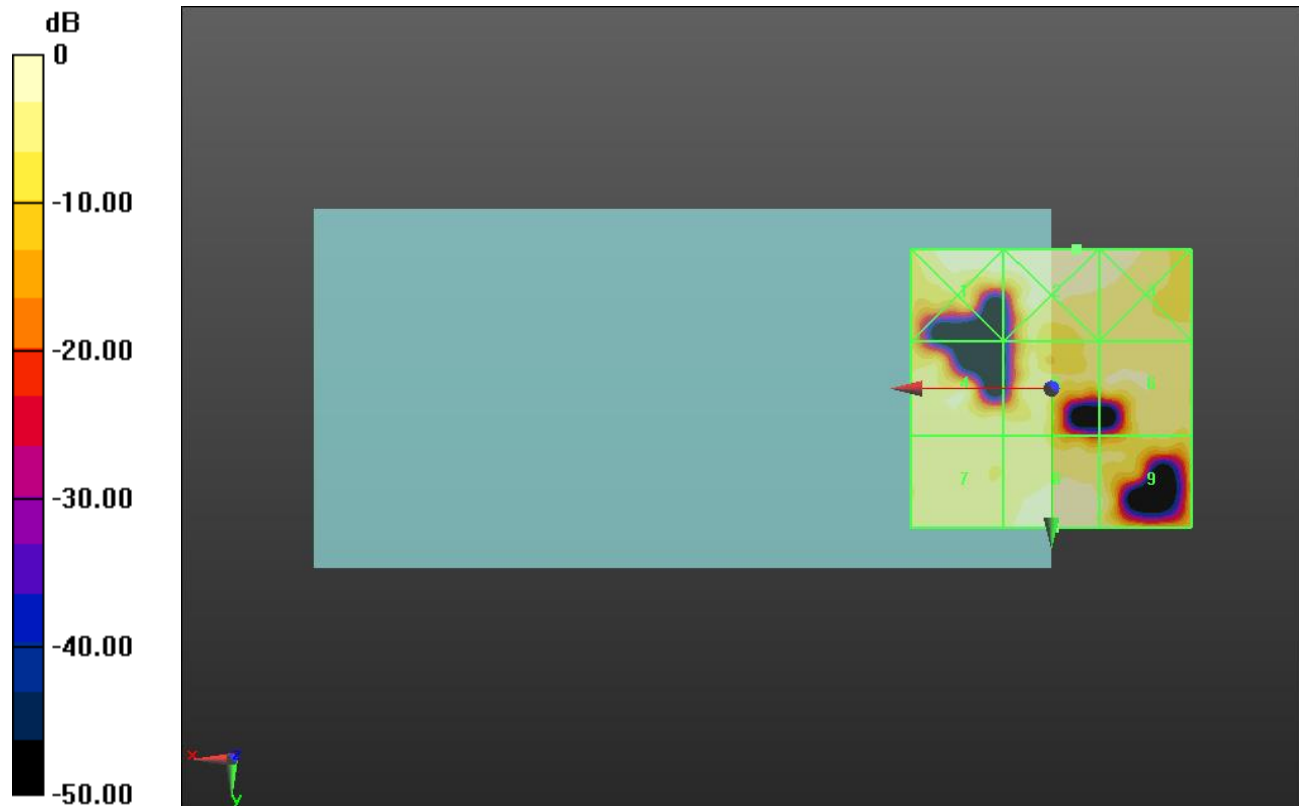
Applied MIF = -5.82 dB

RF audio interference level = 9.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.84 dBV/m	Grid 2 M4 9.52 dBV/m	Grid 3 M4 9.06 dBV/m
Grid 4 M4 7.04 dBV/m	Grid 5 M4 6.22 dBV/m	Grid 6 M4 6.89 dBV/m
Grid 7 M4 5.89 dBV/m	Grid 8 M4 9 dBV/m	Grid 9 M4 7.42 dBV/m



0 dB = 2.991 V/m = 9.52 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 157/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 2.689 V/m; Power Drift = -1.33 dB

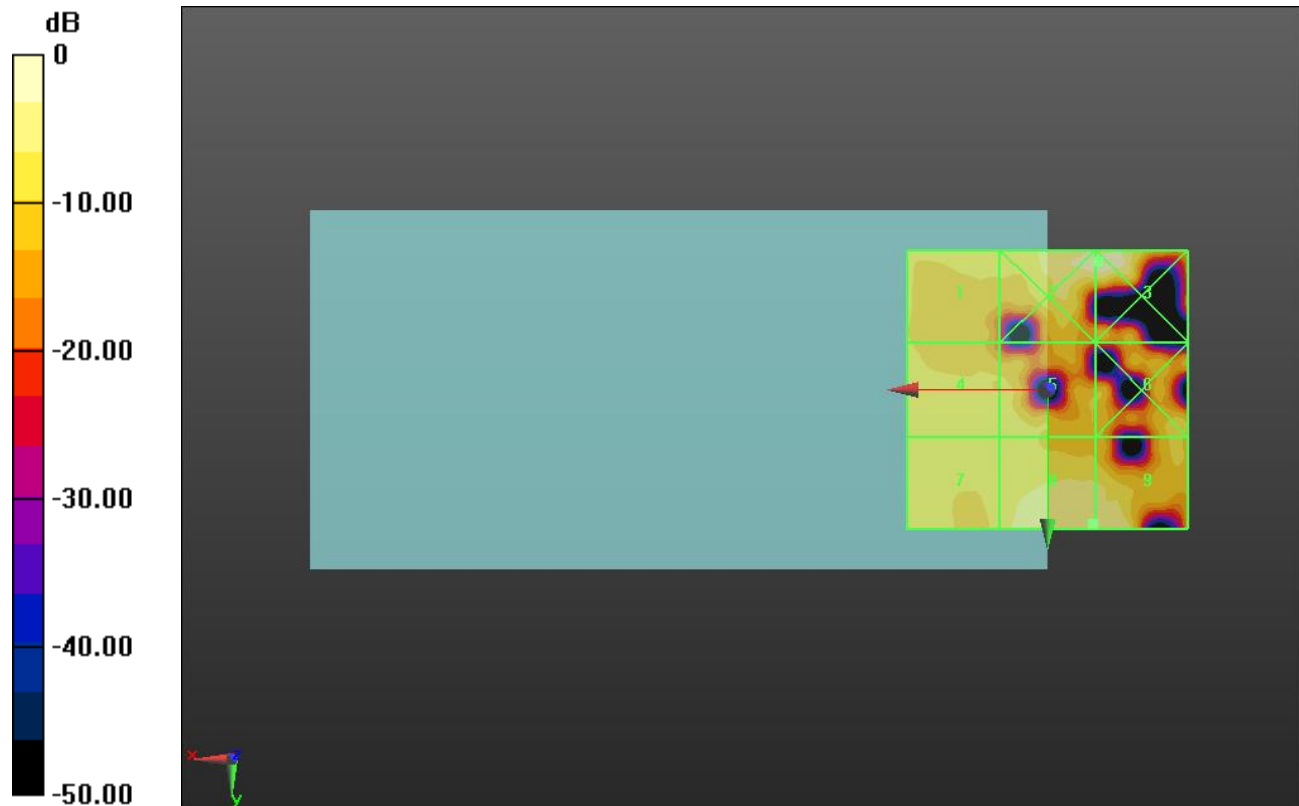
Applied MIF = -5.82 dB

RF audio interference level = 10.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 6.16 dBV/m	Grid 2 M4 13.61 dBV/m	Grid 3 M4 13.75 dBV/m
Grid 4 M4 7.02 dBV/m	Grid 5 M4 5.88 dBV/m	Grid 6 M4 6.18 dBV/m
Grid 7 M4 7.02 dBV/m	Grid 8 M4 10.45 dBV/m	Grid 9 M4 10.34 dBV/m



0 dB = 4.869 V/m = 13.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 2.402 V/m; Power Drift = -0.35 dB

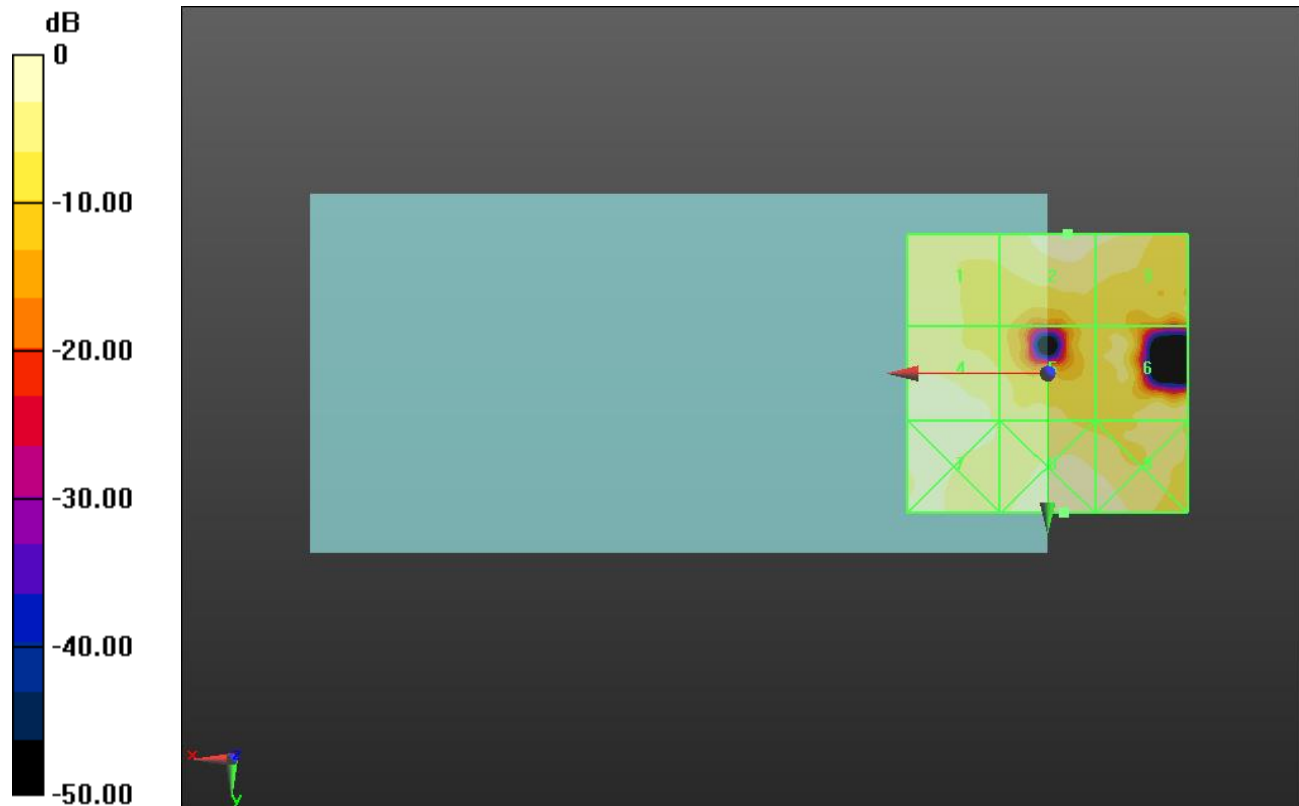
Applied MIF = -5.82 dB

RF audio interference level = 8.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 6.65 dBV/m	Grid 2 M4 8.71 dBV/m	Grid 3 M4 7.93 dBV/m
Grid 4 M4 8.48 dBV/m	Grid 5 M4 6.2 dBV/m	Grid 6 M4 6.94 dBV/m
Grid 7 M4 8.56 dBV/m	Grid 8 M4 10.09 dBV/m	Grid 9 M4 9.22 dBV/m



0 dB = 3.194 V/m = 10.09 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.679 V/m; Power Drift = -0.22 dB

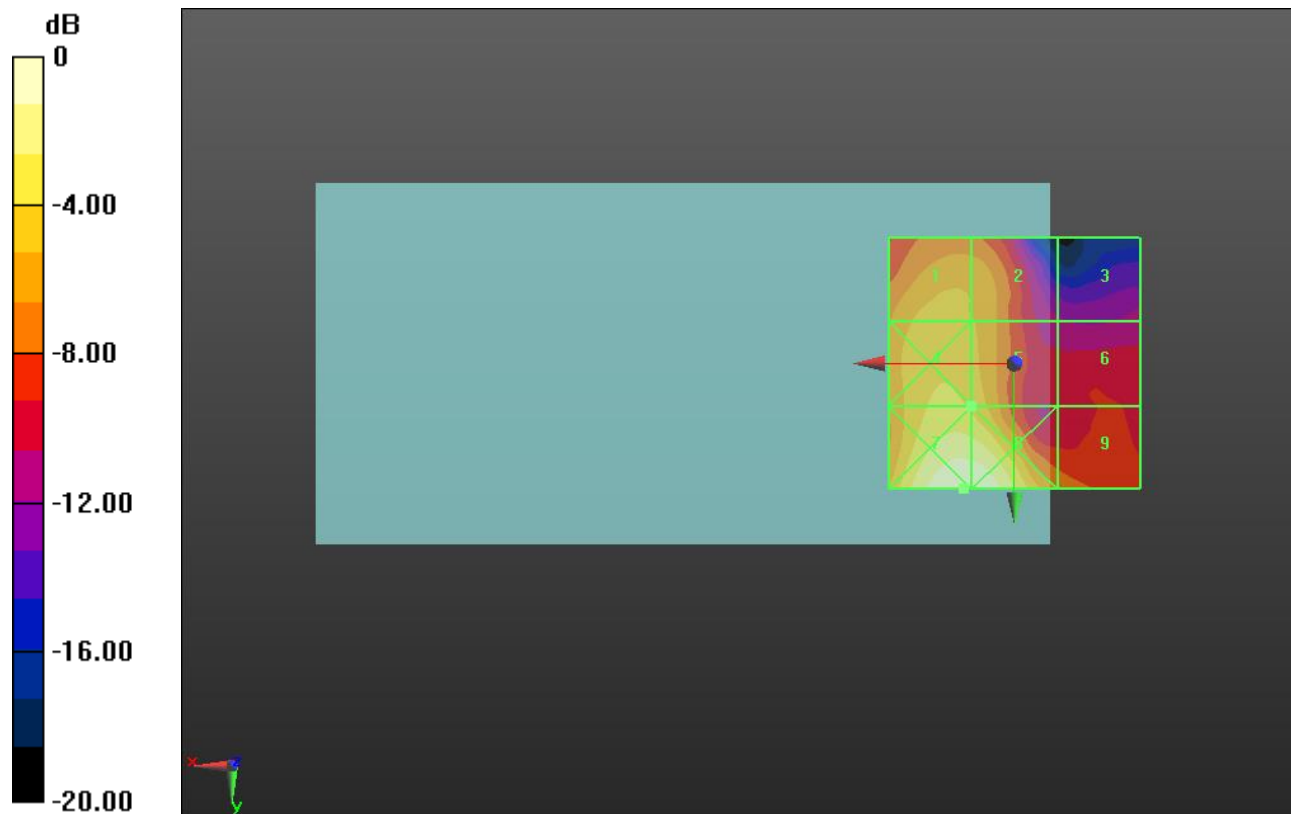
Applied MIF = -1.44 dB

RF audio interference level = 19.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.52 dBV/m	Grid 2 M4 18.01 dBV/m	Grid 3 M4 11.98 dBV/m
Grid 4 M4 19.66 dBV/m	Grid 5 M4 19.02 dBV/m	Grid 6 M4 14.07 dBV/m
Grid 7 M4 23.27 dBV/m	Grid 8 M4 23.2 dBV/m	Grid 9 M4 16.74 dBV/m



0 dB = 14.56 V/m = 23.26 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.521 V/m; Power Drift = -0.11 dB

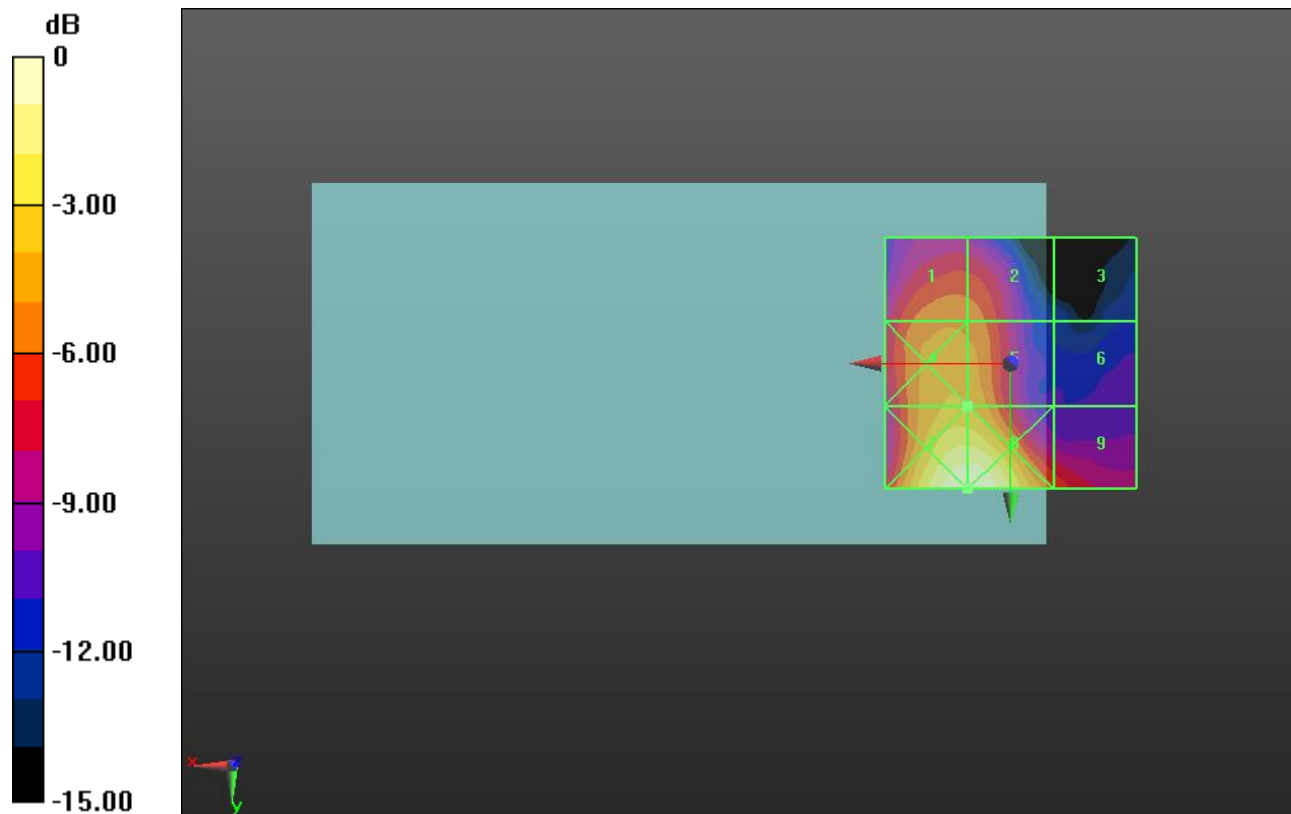
Applied MIF = -1.44 dB

RF audio interference level = 19.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.89 dBV/m	Grid 2 M4 17.69 dBV/m	Grid 3 M4 11.14 dBV/m
Grid 4 M4 19.3 dBV/m	Grid 5 M4 19.12 dBV/m	Grid 6 M4 12.83 dBV/m
Grid 7 M4 23.03 dBV/m	Grid 8 M4 23.03 dBV/m	Grid 9 M4 17.09 dBV/m



0 dB = 14.17 V/m = 23.03 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.791 V/m; Power Drift = -0.19 dB

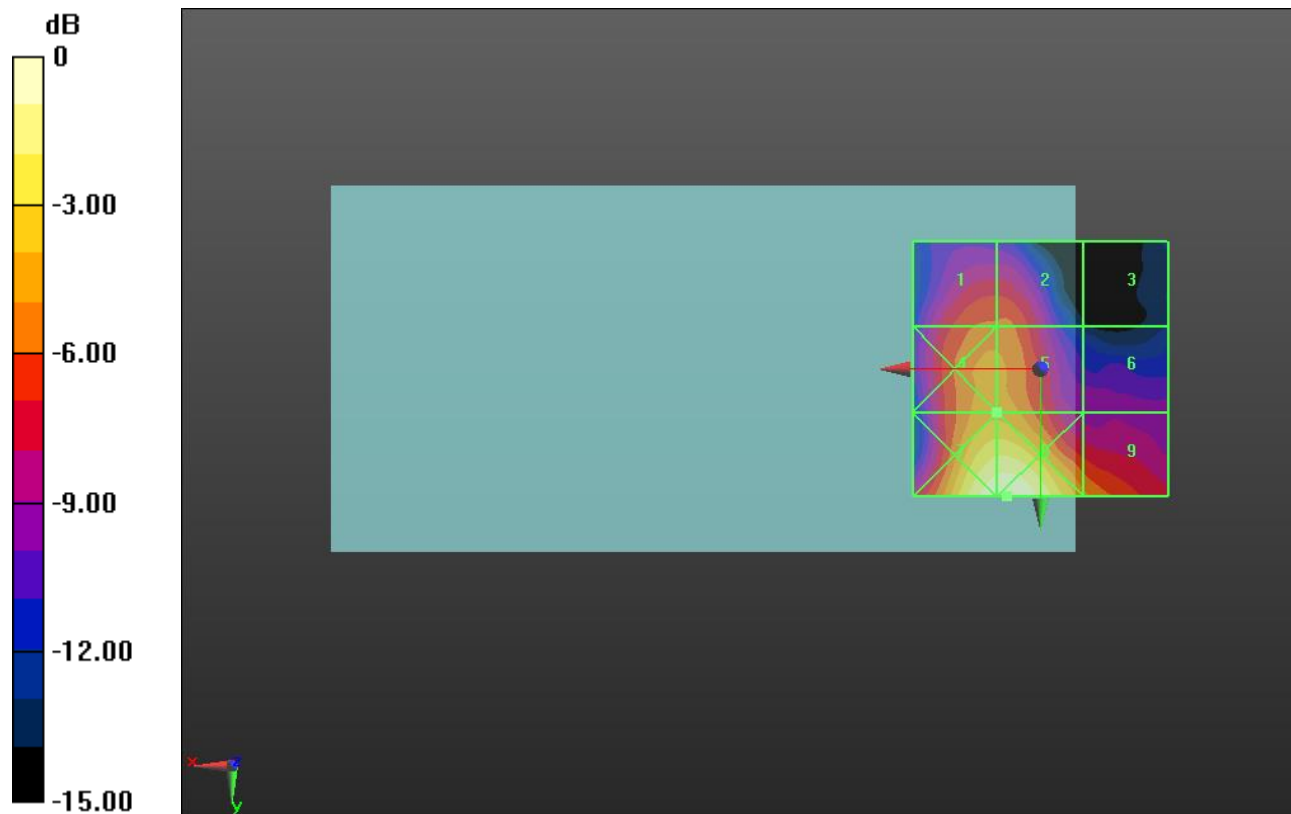
Applied MIF = -1.44 dB

RF audio interference level = 18.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.88 dBV/m	Grid 2 M4 16.91 dBV/m	Grid 3 M4 10.09 dBV/m
Grid 4 M4 18.33 dBV/m	Grid 5 M4 18.32 dBV/m	Grid 6 M4 13.39 dBV/m
Grid 7 M4 22.5 dBV/m	Grid 8 M4 22.61 dBV/m	Grid 9 M4 17.99 dBV/m



0 dB = 13.50 V/m = 22.61 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.345 V/m; Power Drift = -0.16 dB

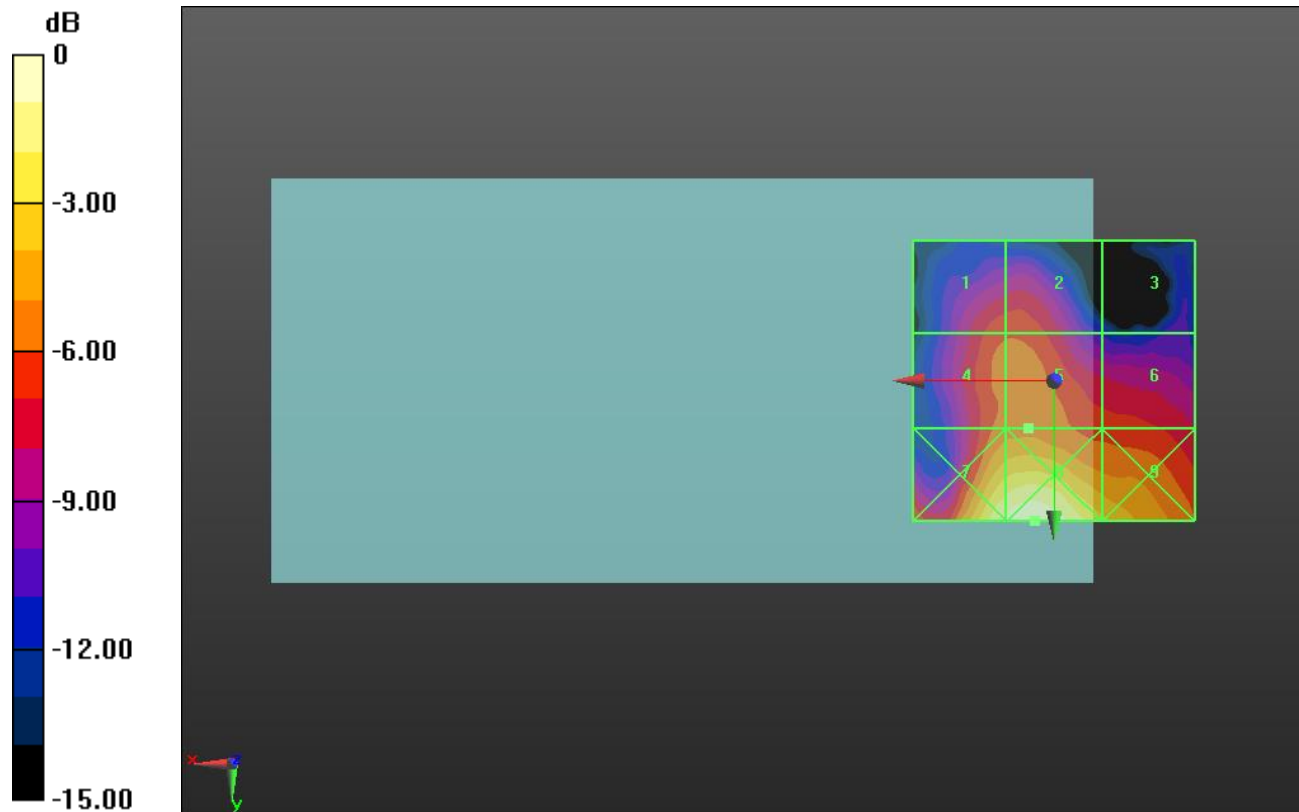
Applied MIF = -1.44 dB

RF audio interference level = 16.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.24 dBV/m	Grid 2 M4 15.27 dBV/m	Grid 3 M4 11.12 dBV/m
Grid 4 M4 16.06 dBV/m	Grid 5 M4 16.2 dBV/m	Grid 6 M4 15.03 dBV/m
Grid 7 M4 20.77 dBV/m	Grid 8 M4 21.41 dBV/m	Grid 9 M4 18.76 dBV/m



0 dB = 11.76 V/m = 21.41 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.60 V/m; Power Drift = 0.06 dB

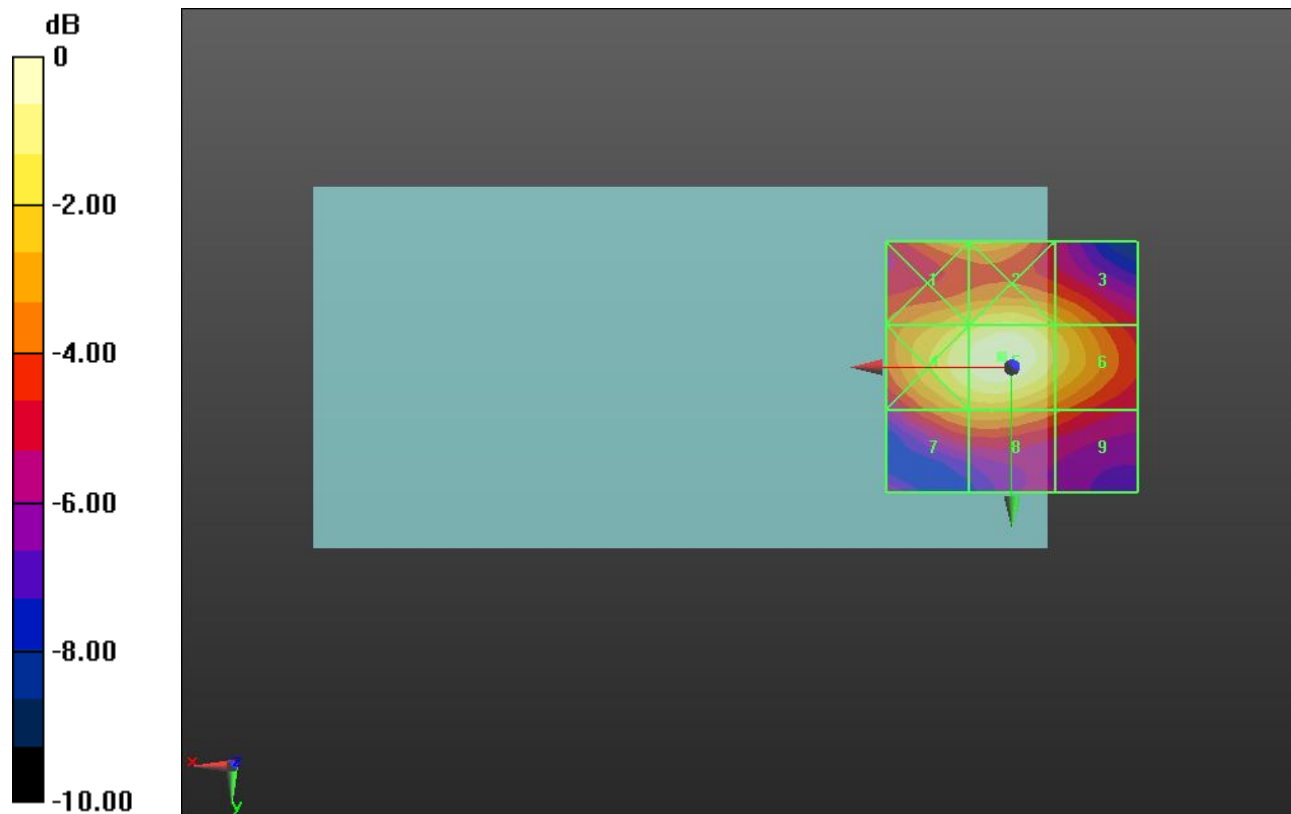
Applied MIF = -1.44 dB

RF audio interference level = 28.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.79 dBV/m	Grid 2 M4 27.44 dBV/m	Grid 3 M4 26.4 dBV/m
Grid 4 M4 28 dBV/m	Grid 5 M4 28.57 dBV/m	Grid 6 M4 27.19 dBV/m
Grid 7 M4 25.91 dBV/m	Grid 8 M4 26.06 dBV/m	Grid 9 M4 24.86 dBV/m



0 dB = 26.83 V/m = 28.57 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 53.57 V/m; Power Drift = 0.04 dB

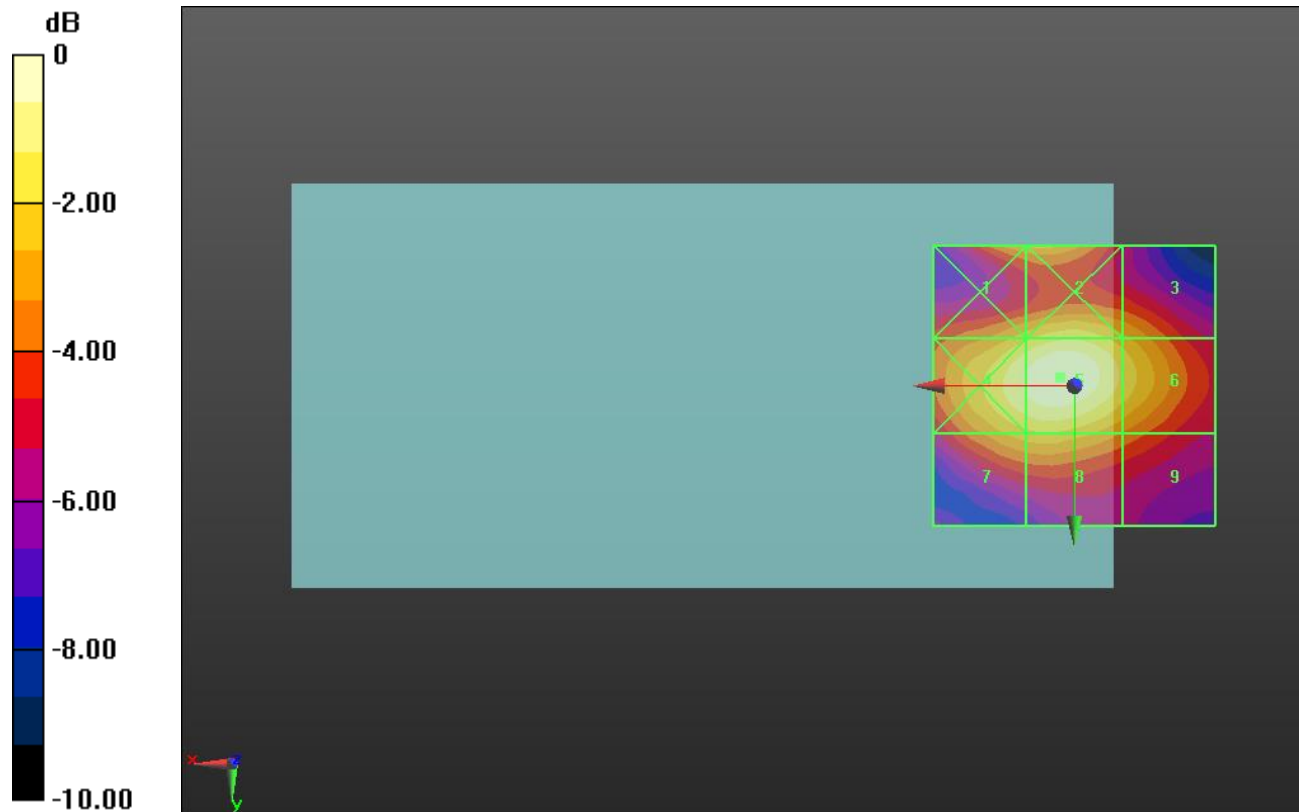
Applied MIF = -1.44 dB

RF audio interference level = 28.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.72 dBV/m	Grid 2 M4 27.5 dBV/m	Grid 3 M4 26.5 dBV/m
Grid 4 M4 28.34 dBV/m	Grid 5 M4 28.91 dBV/m	Grid 6 M4 27.47 dBV/m
Grid 7 M4 26.68 dBV/m	Grid 8 M4 26.85 dBV/m	Grid 9 M4 25.52 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 56.44 V/m; Power Drift = 0.00 dB

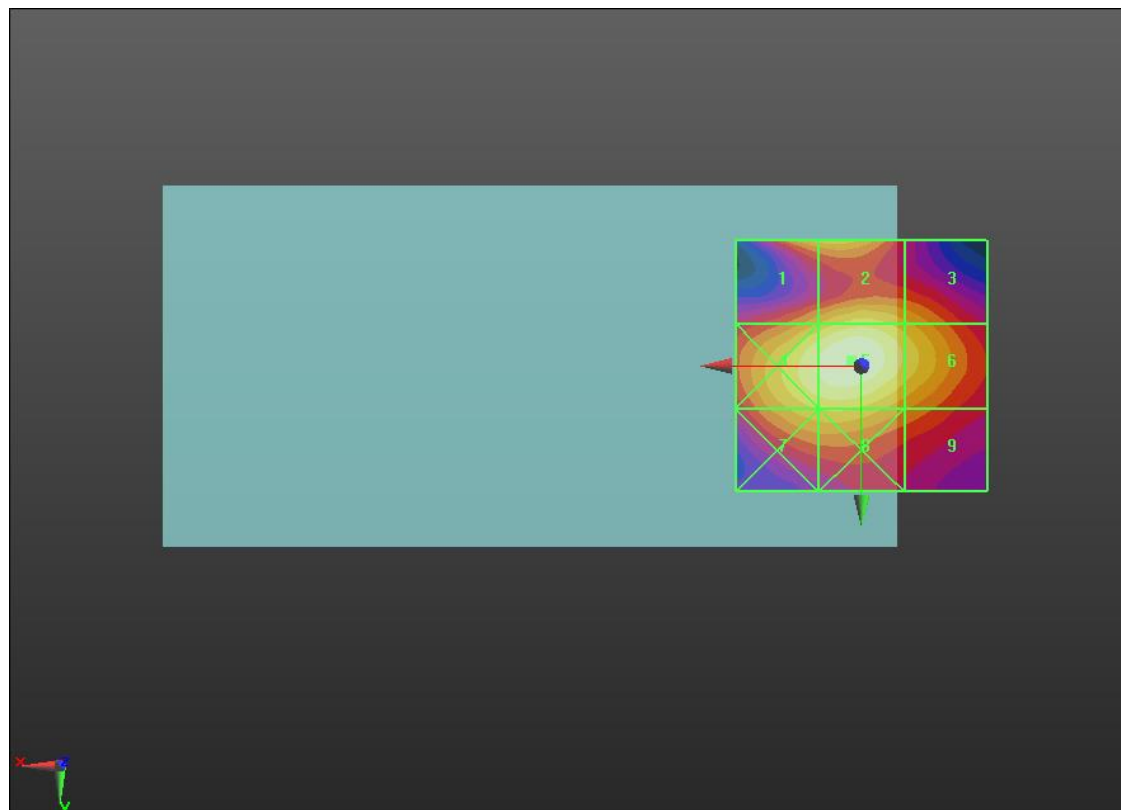
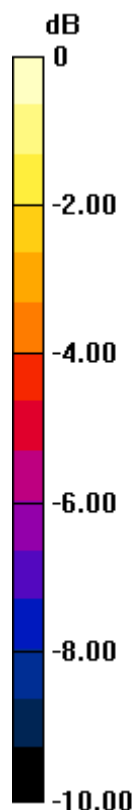
Applied MIF = -1.44 dB

RF audio interference level = 29.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.85 dBV/m	Grid 2 M4 27.58 dBV/m	Grid 3 M4 26.73 dBV/m
Grid 4 M4 28.6 dBV/m	Grid 5 M4 29.17 dBV/m	Grid 6 M4 27.76 dBV/m
Grid 7 M4 27.2 dBV/m	Grid 8 M4 27.3 dBV/m	Grid 9 M4 25.94 dBV/m



0 dB = 28.73 V/m = 29.17 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 57.50 V/m; Power Drift = 0.01 dB

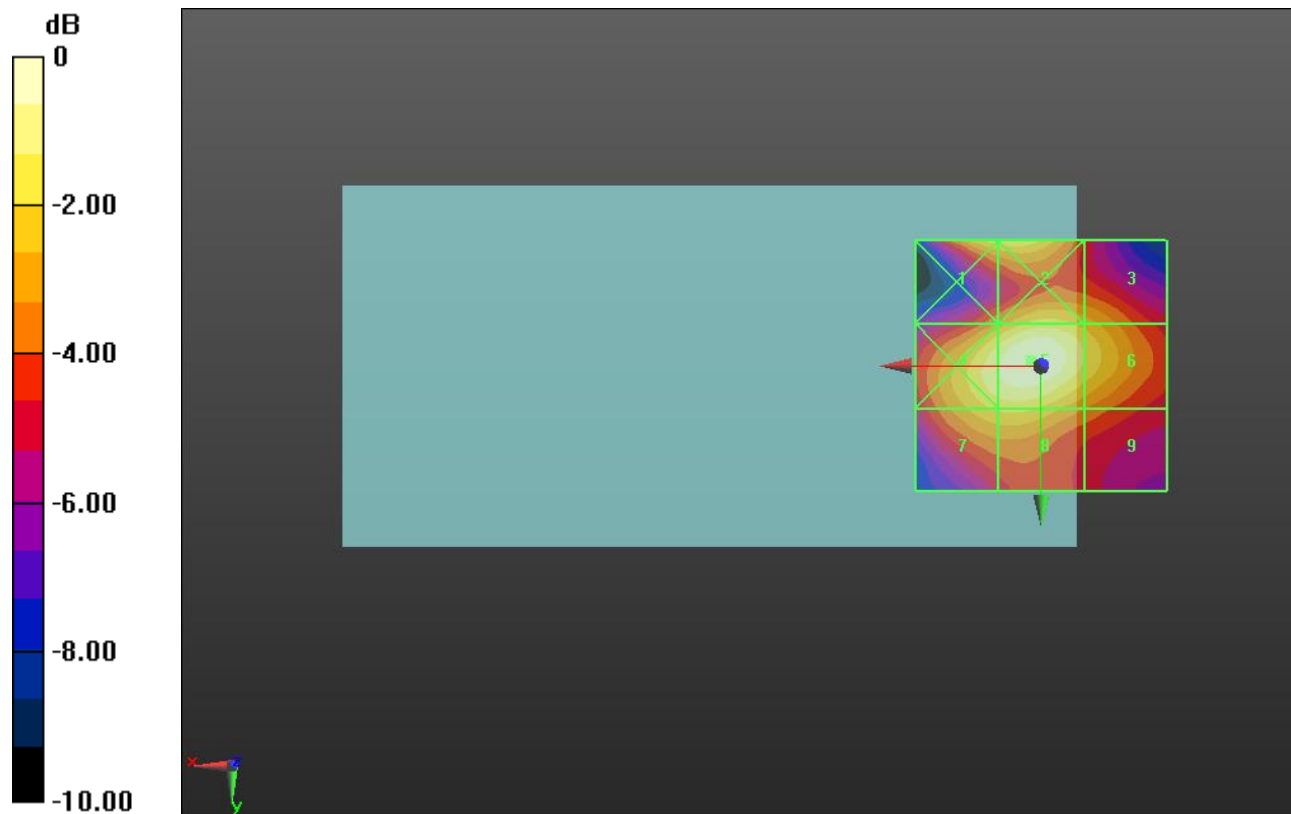
Applied MIF = -1.44 dB

RF audio interference level = 29.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.73 dBV/m	Grid 2 M4 27.85 dBV/m	Grid 3 M4 26.98 dBV/m
Grid 4 M4 28.57 dBV/m	Grid 5 M4 29.23 dBV/m	Grid 6 M4 27.92 dBV/m
Grid 7 M4 27.34 dBV/m	Grid 8 M4 27.45 dBV/m	Grid 9 M4 25.93 dBV/m



0 dB = 28.94 V/m = 29.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.698 V/m; Power Drift = -0.23 dB

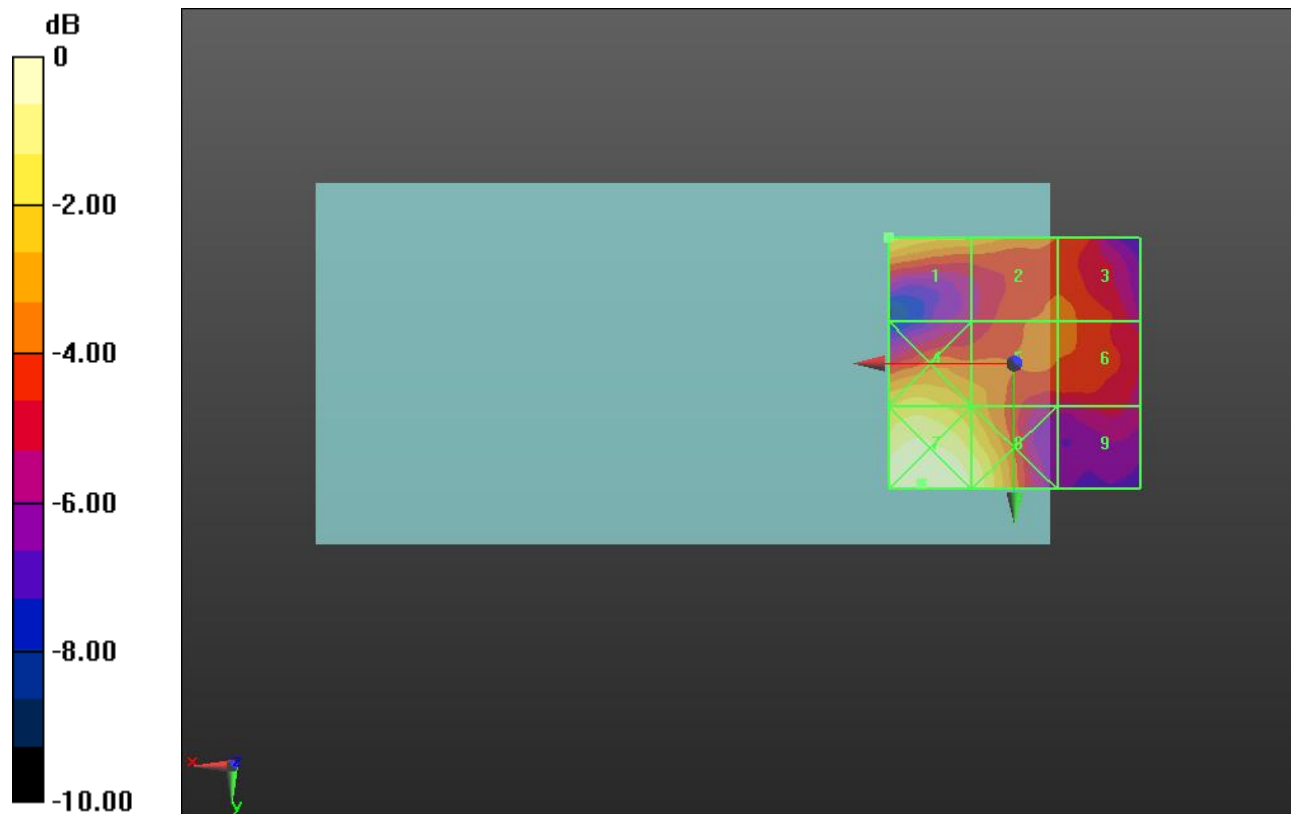
Applied MIF = -1.44 dB

RF audio interference level = 16.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.75 dBV/m	Grid 2 M4 15.83 dBV/m	Grid 3 M4 14.76 dBV/m
Grid 4 M4 16.76 dBV/m	Grid 5 M4 15.73 dBV/m	Grid 6 M4 14.84 dBV/m
Grid 7 M4 18.43 dBV/m	Grid 8 M4 17.66 dBV/m	Grid 9 M4 13.31 dBV/m



0 dB = 8.344 V/m = 18.43 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

55773/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.909 V/m; Power Drift = -0.29 dB

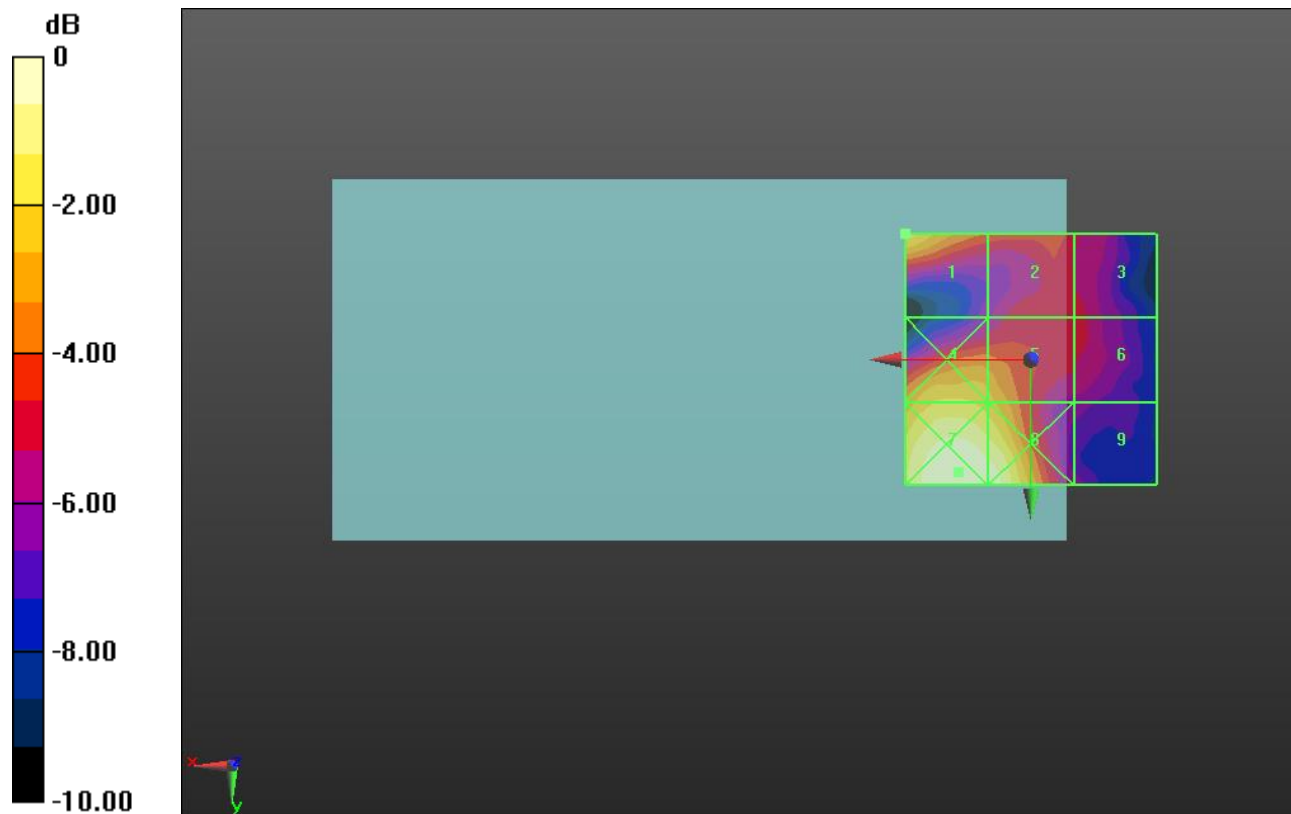
Applied MIF = -1.44 dB

RF audio interference level = 17.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.35 dBV/m	Grid 2 M4 14.91 dBV/m	Grid 3 M4 13.92 dBV/m
Grid 4 M4 17.04 dBV/m	Grid 5 M4 16.55 dBV/m	Grid 6 M4 14.03 dBV/m
Grid 7 M4 18.92 dBV/m	Grid 8 M4 18.62 dBV/m	Grid 9 M4 12.88 dBV/m



0 dB = 8.830 V/m = 18.92 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.984 V/m; Power Drift = -0.25 dB

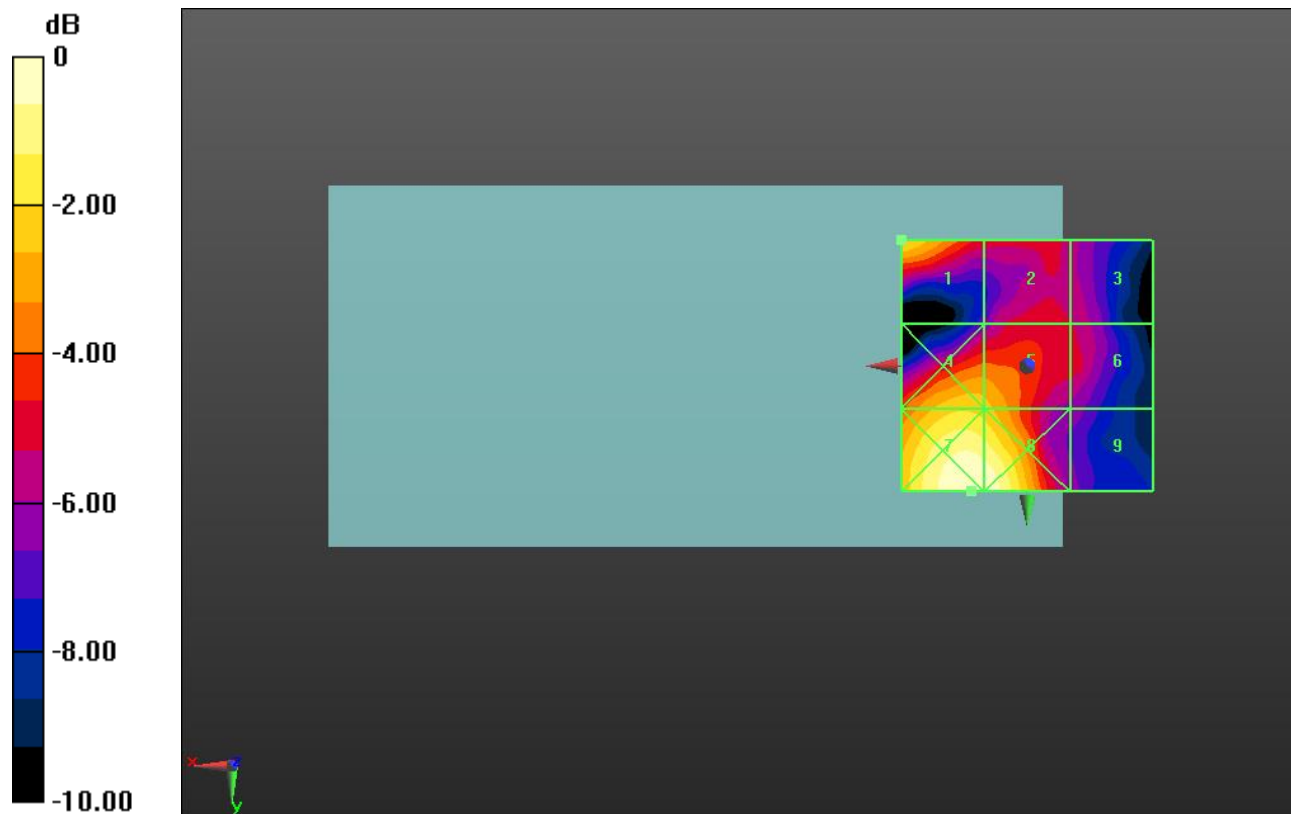
Applied MIF = -1.44 dB

RF audio interference level = 17.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.61 dBV/m	Grid 2 M4 14.72 dBV/m	Grid 3 M4 14.28 dBV/m
Grid 4 M4 17.48 dBV/m	Grid 5 M4 17.22 dBV/m	Grid 6 M4 14.69 dBV/m
Grid 7 M4 19.56 dBV/m	Grid 8 M4 19.41 dBV/m	Grid 9 M4 13.42 dBV/m



0 dB = 9.506 V/m = 19.56 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.689 V/m; Power Drift = -0.23 dB

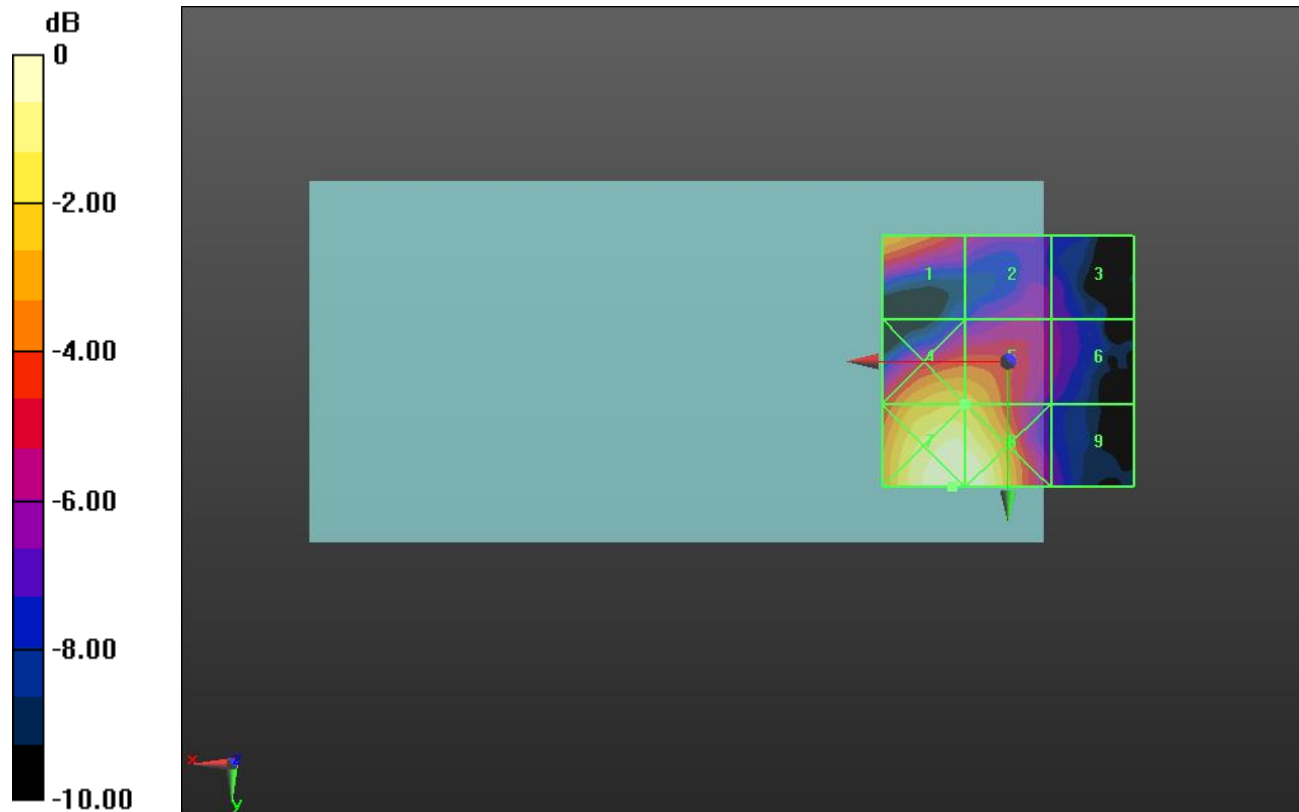
Applied MIF = -1.44 dB

RF audio interference level = 17.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.07 dBV/m	Grid 2 M4 14.27 dBV/m	Grid 3 M4 13.16 dBV/m
Grid 4 M4 17.6 dBV/m	Grid 5 M4 17.44 dBV/m	Grid 6 M4 13.43 dBV/m
Grid 7 M4 19.61 dBV/m	Grid 8 M4 19.55 dBV/m	Grid 9 M4 13.32 dBV/m



0 dB = 9.563 V/m = 19.61 dBV/m

