

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 = 34.89 V/m; Power Drift = -0.02 dB

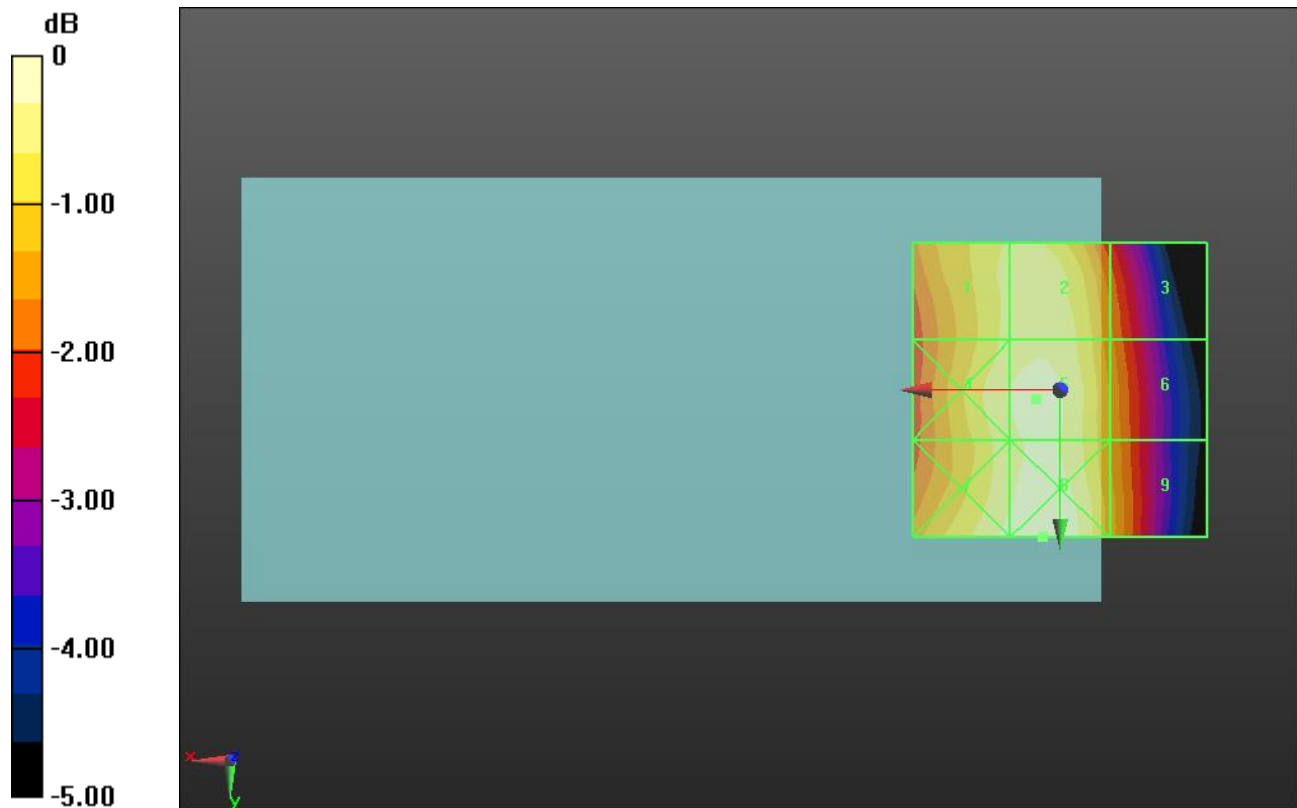
Applied MIF = 3.63 dB

RF audio interference level = 32.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.11 dBV/m	Grid 2 M4 32.3 dBV/m	Grid 3 M4 31.09 dBV/m
Grid 4 M4 32.32 dBV/m	Grid 5 M4 32.45 dBV/m	Grid 6 M4 31.31 dBV/m
Grid 7 M4 32.44 dBV/m	Grid 8 M4 32.63 dBV/m	Grid 9 M4 31.5 dBV/m



0 dB = 42.83 V/m = 32.63 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 = 37.72 V/m; Power Drift = -0.04 dB

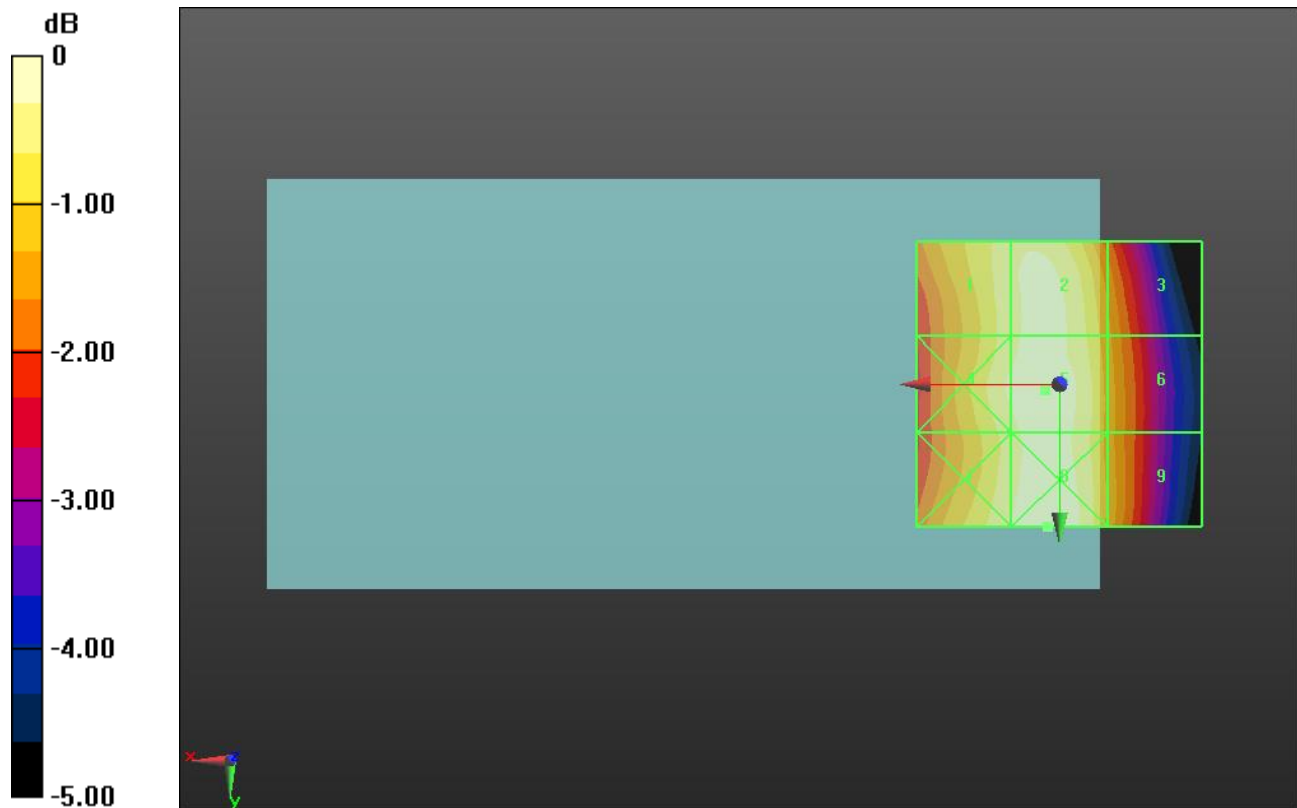
Applied MIF = 3.63 dB

RF audio interference level = 32.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.64 dBV/m	Grid 2 M4 32.86 dBV/m	Grid 3 M4 31.84 dBV/m
Grid 4 M4 32.8 dBV/m	Grid 5 M4 32.99 dBV/m	Grid 6 M4 31.96 dBV/m
Grid 7 M4 32.75 dBV/m	Grid 8 M4 33.06 dBV/m	Grid 9 M4 32.02 dBV/m



0 dB = 44.99 V/m = 33.06 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 = 41.26 V/m; Power Drift = -0.01 dB

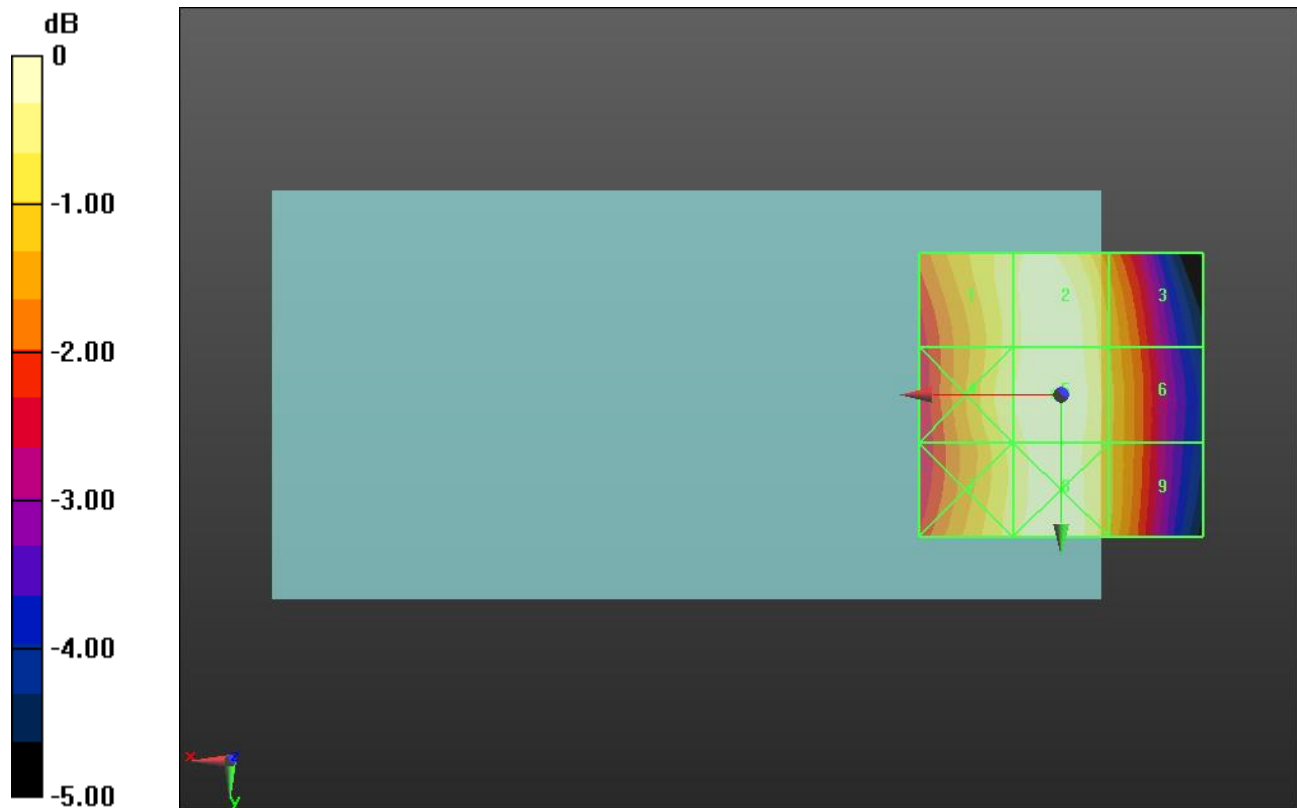
Applied MIF = 3.63 dB

RF audio interference level = 33.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.34 dBV/m	Grid 2 M4 33.67 dBV/m	Grid 3 M4 32.79 dBV/m
Grid 4 M4 33.43 dBV/m	Grid 5 M4 33.75 dBV/m	Grid 6 M4 32.89 dBV/m
Grid 7 M4 33.27 dBV/m	Grid 8 M4 33.72 dBV/m	Grid 9 M4 32.86 dBV/m



0 dB = 48.70 V/m = 33.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 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 = 11.99 V/m; Power Drift = -0.03 dB

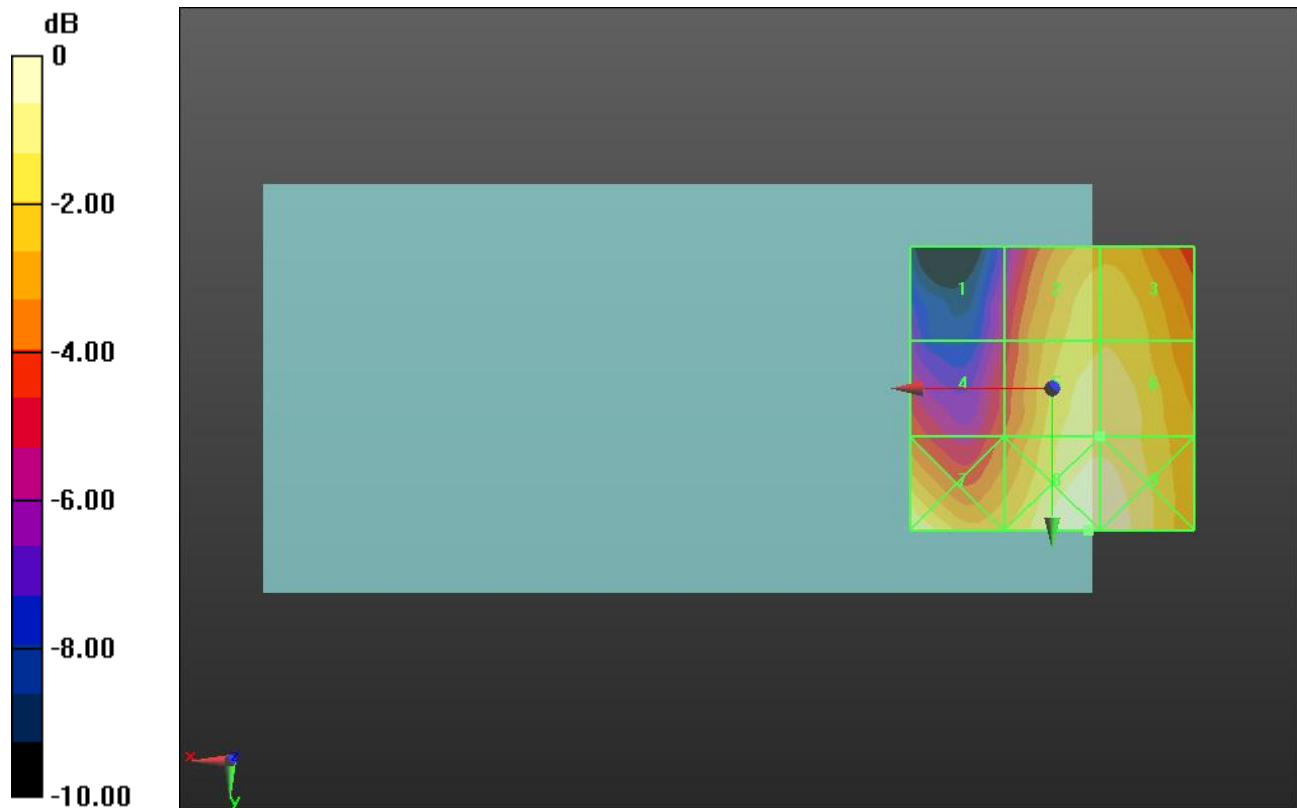
Applied MIF = 3.63 dB

RF audio interference level = 24.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.87 dBV/m	Grid 2 M4 23.71 dBV/m	Grid 3 M4 23.74 dBV/m
Grid 4 M4 21.24 dBV/m	Grid 5 M4 24.26 dBV/m	Grid 6 M4 24.26 dBV/m
Grid 7 M4 24.75 dBV/m	Grid 8 M4 25.08 dBV/m	Grid 9 M4 25 dBV/m



0 dB = 17.95 V/m = 25.08 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 = 11.16 V/m; Power Drift = 0.11 dB

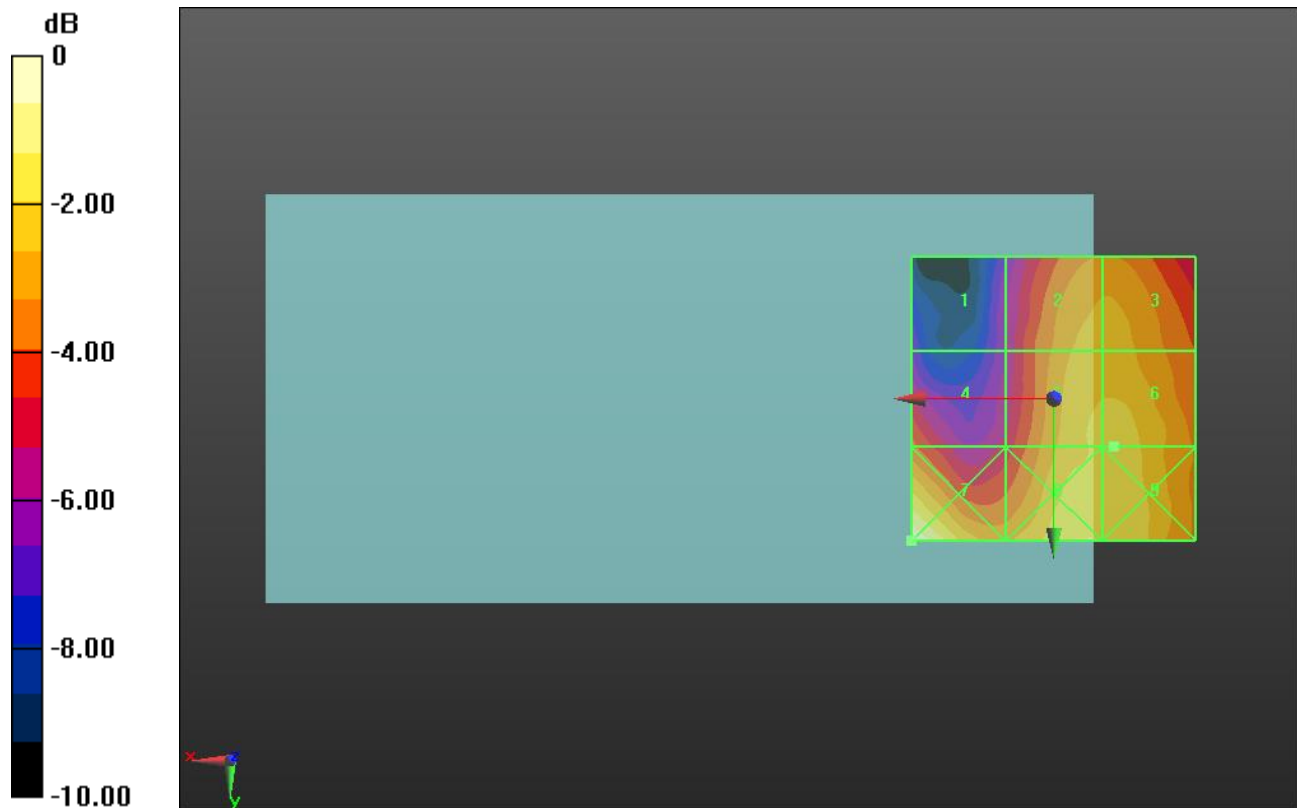
Applied MIF = 3.63 dB

RF audio interference level = 24.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.73 dBV/m	Grid 2 M4 23.45 dBV/m	Grid 3 M4 23.45 dBV/m
Grid 4 M4 21.95 dBV/m	Grid 5 M4 23.94 dBV/m	Grid 6 M4 24 dBV/m
Grid 7 M4 25.7 dBV/m	Grid 8 M4 24.4 dBV/m	Grid 9 M4 24.35 dBV/m



0 dB = 19.28 V/m = 25.70 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 = 11.88 V/m; Power Drift = 0.02 dB

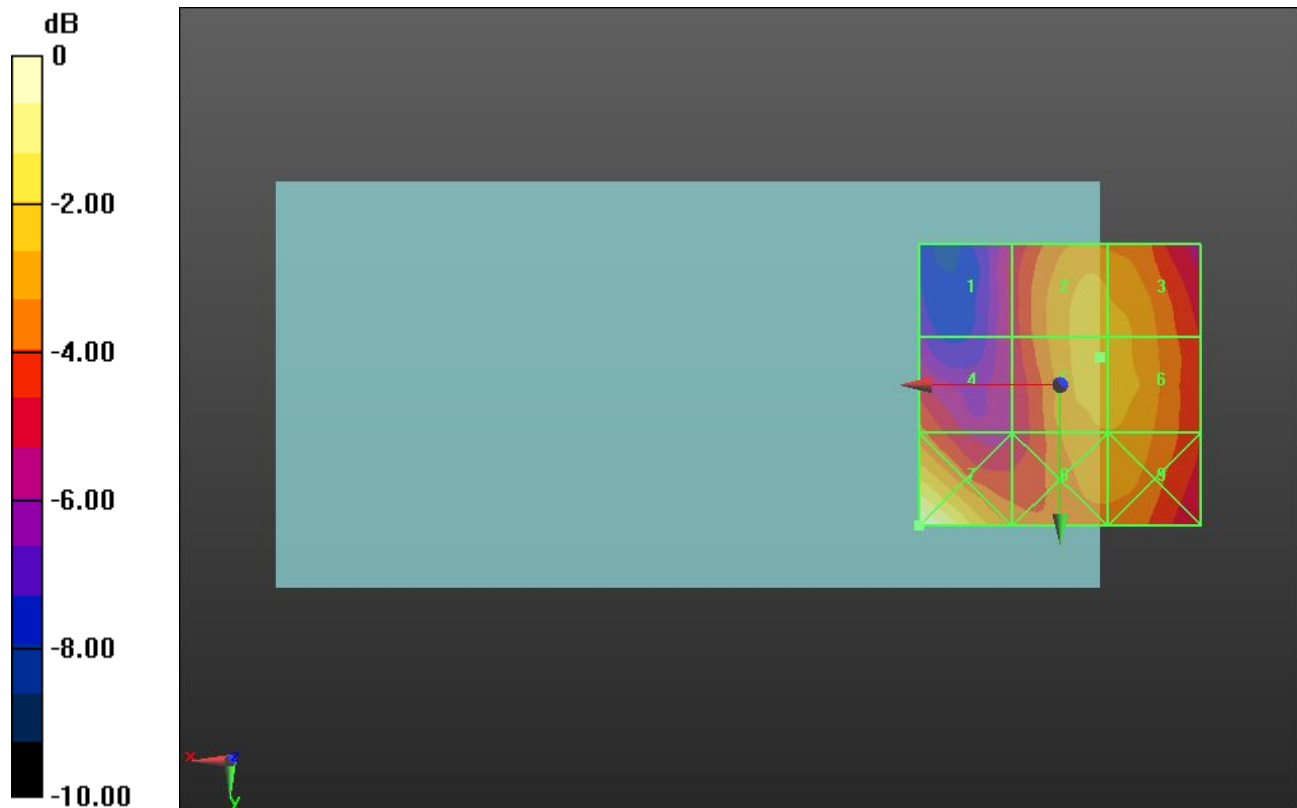
Applied MIF = 3.63 dB

RF audio interference level = 24.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.45 dBV/m	Grid 2 M4 24.08 dBV/m	Grid 3 M4 24.08 dBV/m
Grid 4 M4 22.75 dBV/m	Grid 5 M4 24.11 dBV/m	Grid 6 M4 24.08 dBV/m
Grid 7 M4 26.43 dBV/m	Grid 8 M4 23.76 dBV/m	Grid 9 M4 23.76 dBV/m



0 dB = 20.97 V/m = 26.43 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 = 17.23 V/m; Power Drift = 0.03 dB

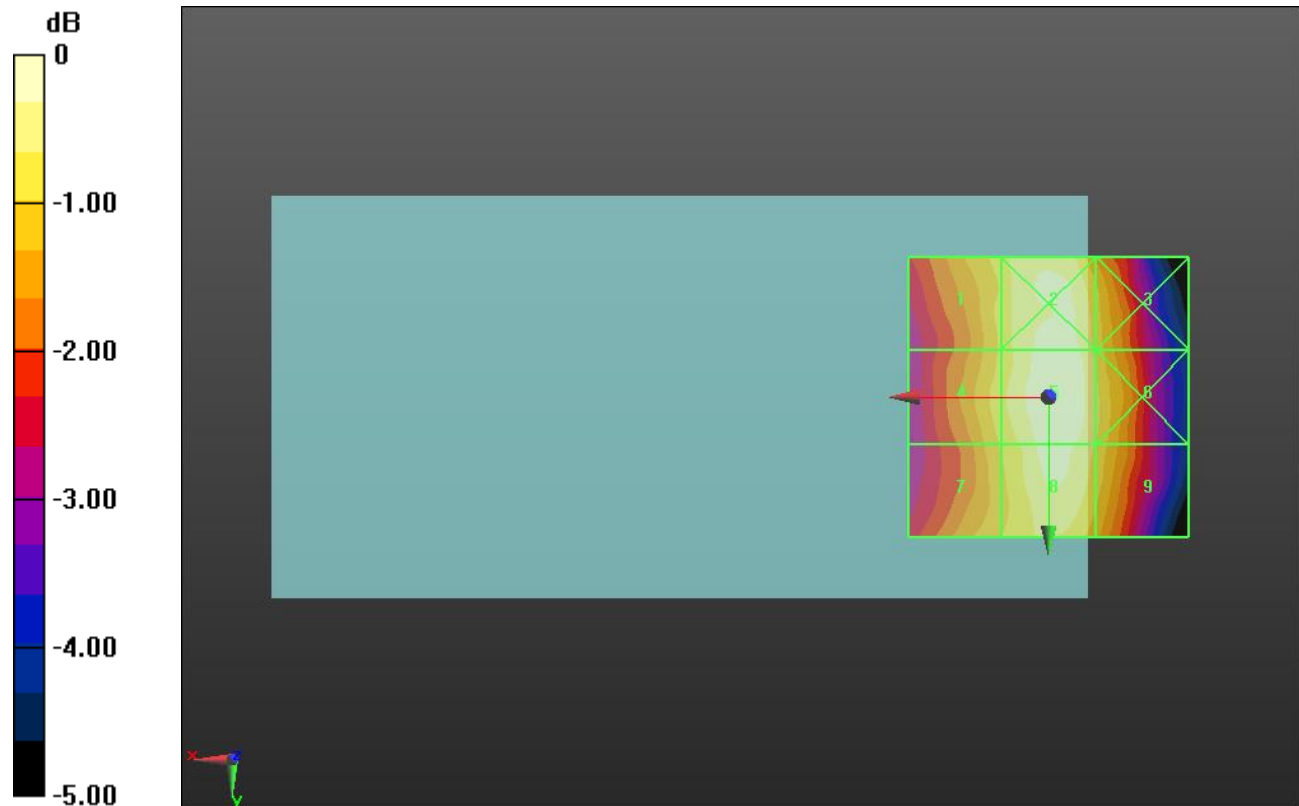
Applied MIF = 3.26 dB

RF audio interference level = 25.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.66 dBV/m	Grid 2 M4 25.3 dBV/m	Grid 3 M4 24.69 dBV/m
Grid 4 M4 24.7 dBV/m	Grid 5 M4 25.45 dBV/m	Grid 6 M4 24.87 dBV/m
Grid 7 M4 24.5 dBV/m	Grid 8 M4 25.3 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 18.74 V/m = 25.46 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 = 18.61 V/m; Power Drift = 0.05 dB

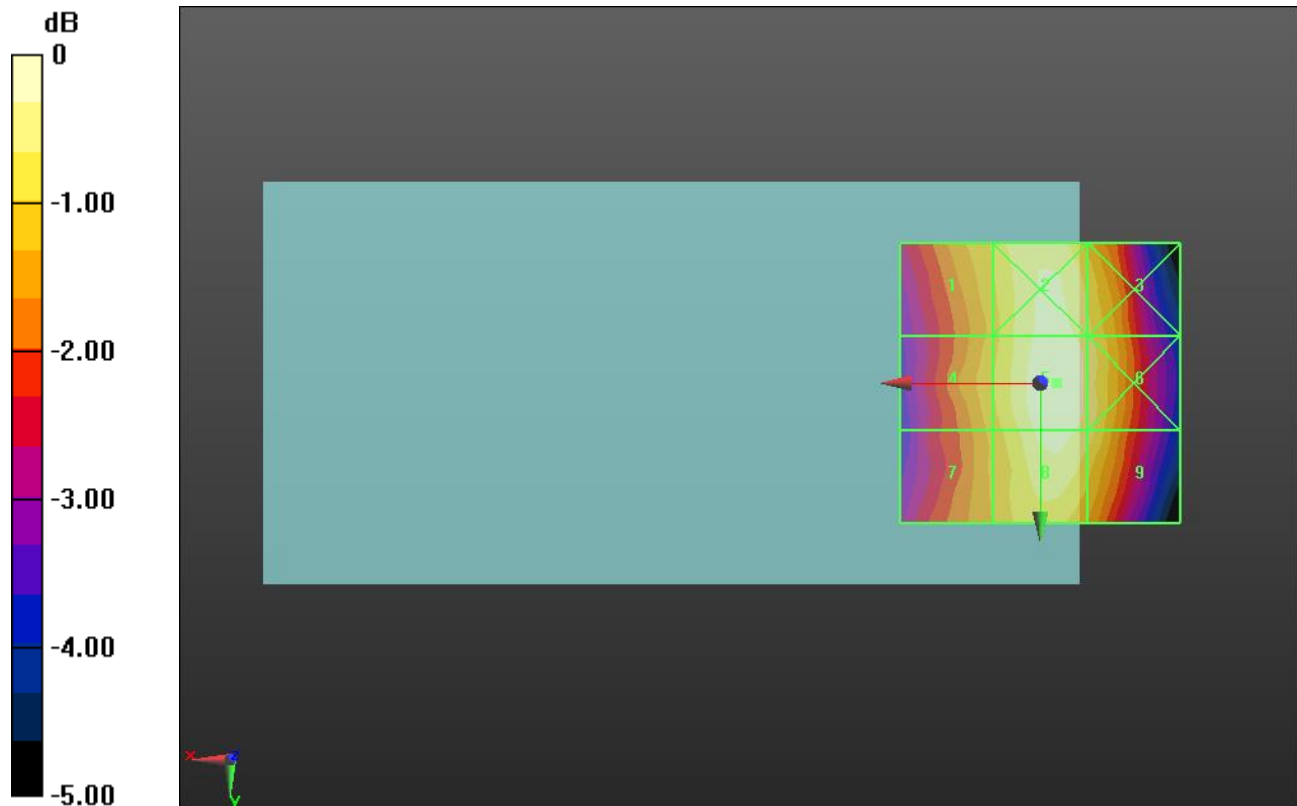
Applied MIF = 3.26 dB

RF audio interference level = 26.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.09 dBV/m	Grid 2 M4 25.86 dBV/m	Grid 3 M4 25.5 dBV/m
Grid 4 M4 25.06 dBV/m	Grid 5 M4 26.05 dBV/m	Grid 6 M4 25.63 dBV/m
Grid 7 M4 24.85 dBV/m	Grid 8 M4 25.86 dBV/m	Grid 9 M4 25.53 dBV/m



0 dB = 20.06 V/m = 26.05 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 = 18.34 V/m; Power Drift = 0.01 dB

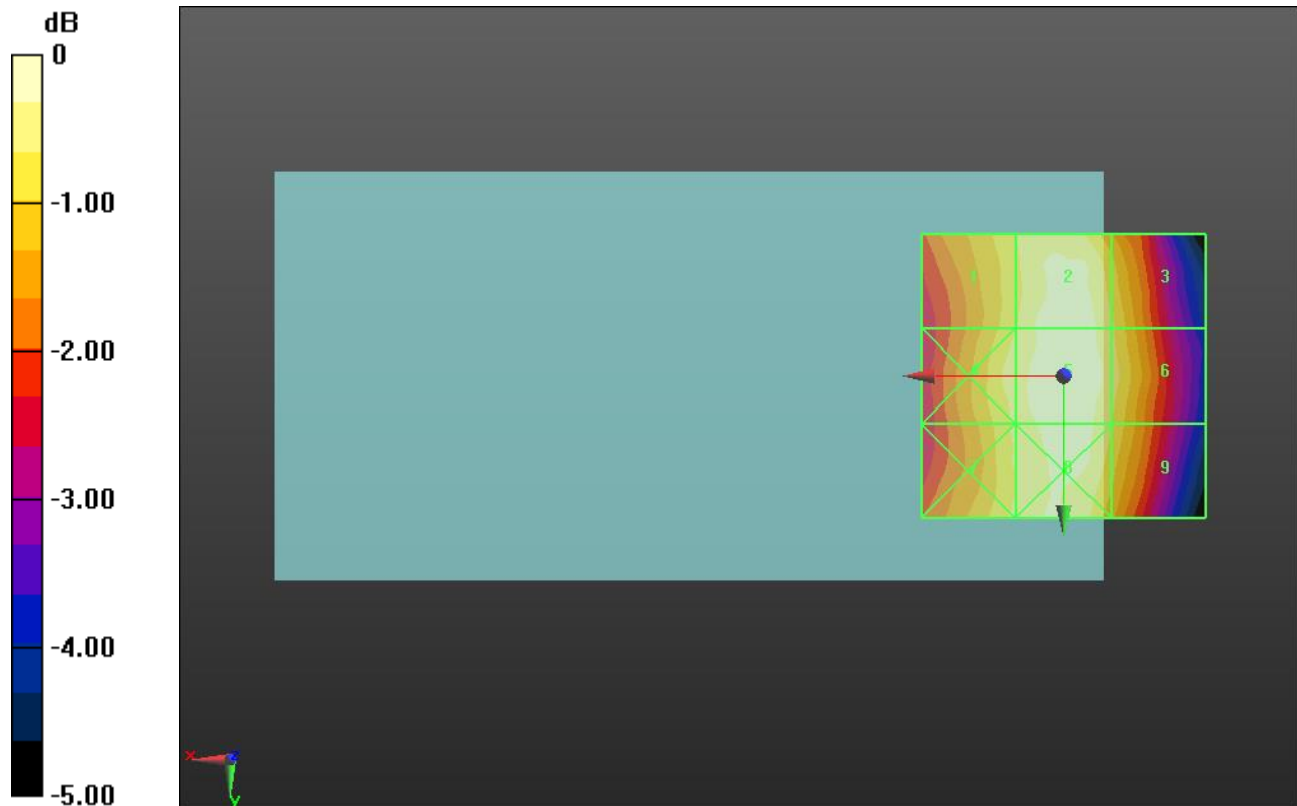
Applied MIF = 3.26 dB

RF audio interference level = 25.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 25.59 dBV/m	Grid 3 M4 25.14 dBV/m
Grid 4 M4 25.31 dBV/m	Grid 5 M4 25.75 dBV/m	Grid 6 M4 25.26 dBV/m
Grid 7 M4 25.19 dBV/m	Grid 8 M4 25.6 dBV/m	Grid 9 M4 25.09 dBV/m



0 dB = 19.39 V/m = 25.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/RC1_SO3_Ch.25/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.675 V/m; Power Drift = 0.12 dB

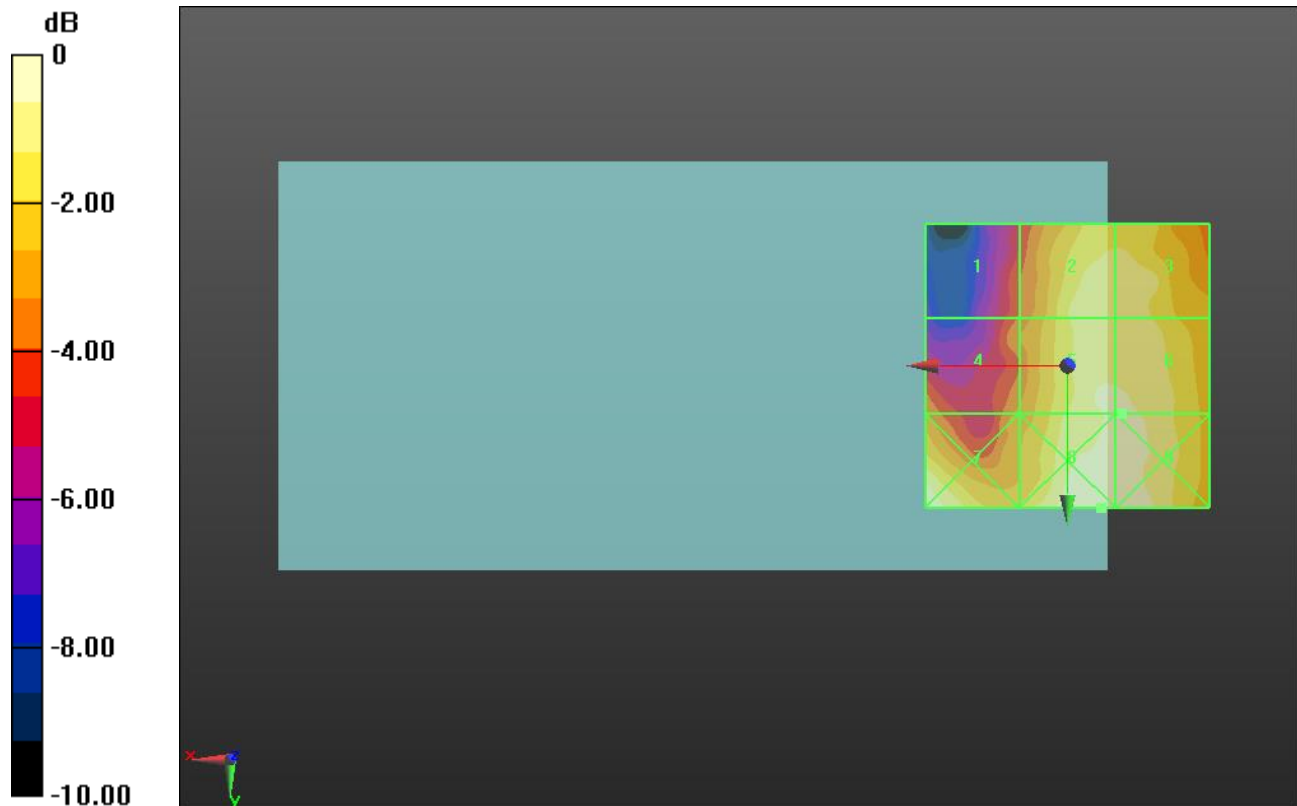
Applied MIF = 3.26 dB

RF audio interference level = 19.72 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.41 dBV/m	Grid 2 M4 19.46 dBV/m	Grid 3 M4 19.42 dBV/m
Grid 4 M4 17.19 dBV/m	Grid 5 M4 19.71 dBV/m	Grid 6 M4 19.72 dBV/m
Grid 7 M4 20.27 dBV/m	Grid 8 M4 20.27 dBV/m	Grid 9 M4 20.2 dBV/m



0 dB = 10.32 V/m = 20.27 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 = 7.523 V/m; Power Drift = 0.11 dB

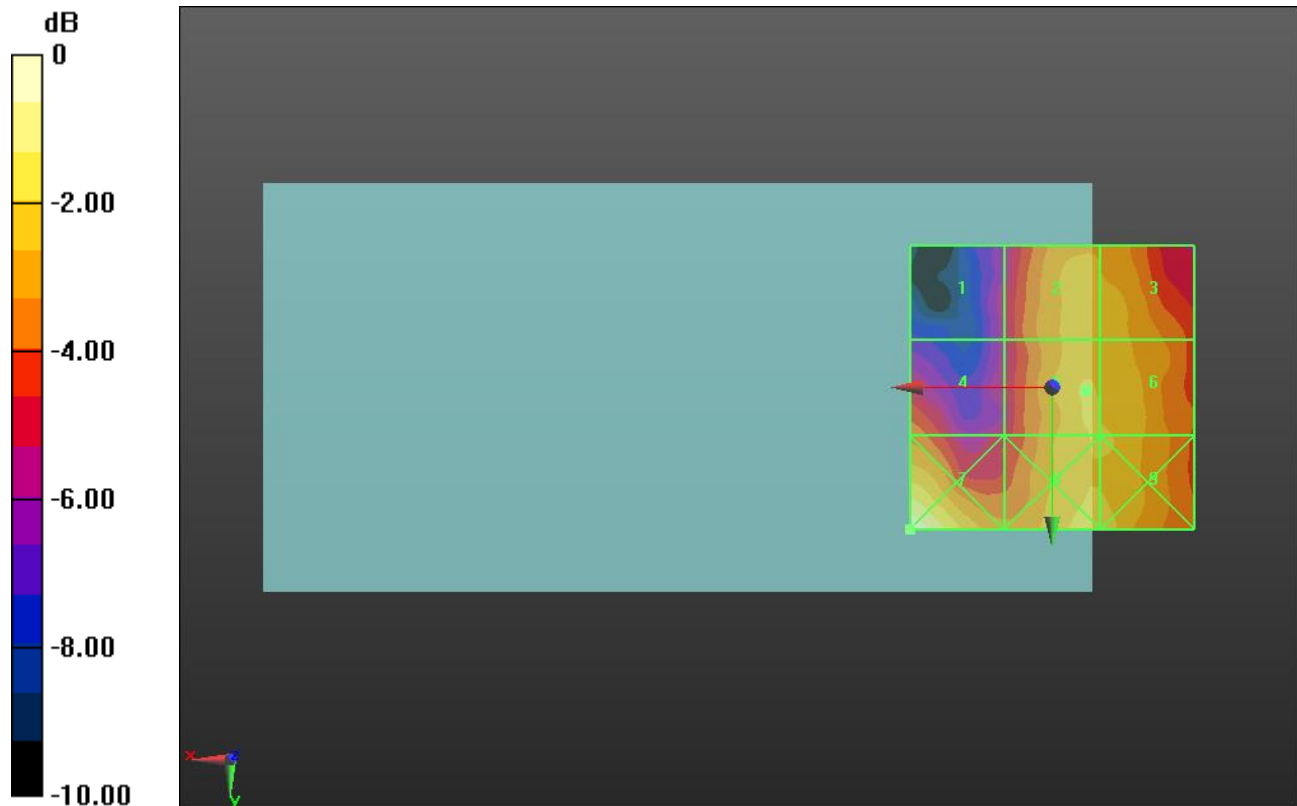
Applied MIF = 3.26 dB

RF audio interference level = 19.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.24 dBV/m	Grid 2 M4 19.45 dBV/m	Grid 3 M4 19.42 dBV/m
Grid 4 M4 18.13 dBV/m	Grid 5 M4 19.73 dBV/m	Grid 6 M4 19.72 dBV/m
Grid 7 M4 21.66 dBV/m	Grid 8 M4 19.95 dBV/m	Grid 9 M4 19.95 dBV/m



0 dB = 12.10 V/m = 21.66 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 = 7.650 V/m; Power Drift = 0.04 dB

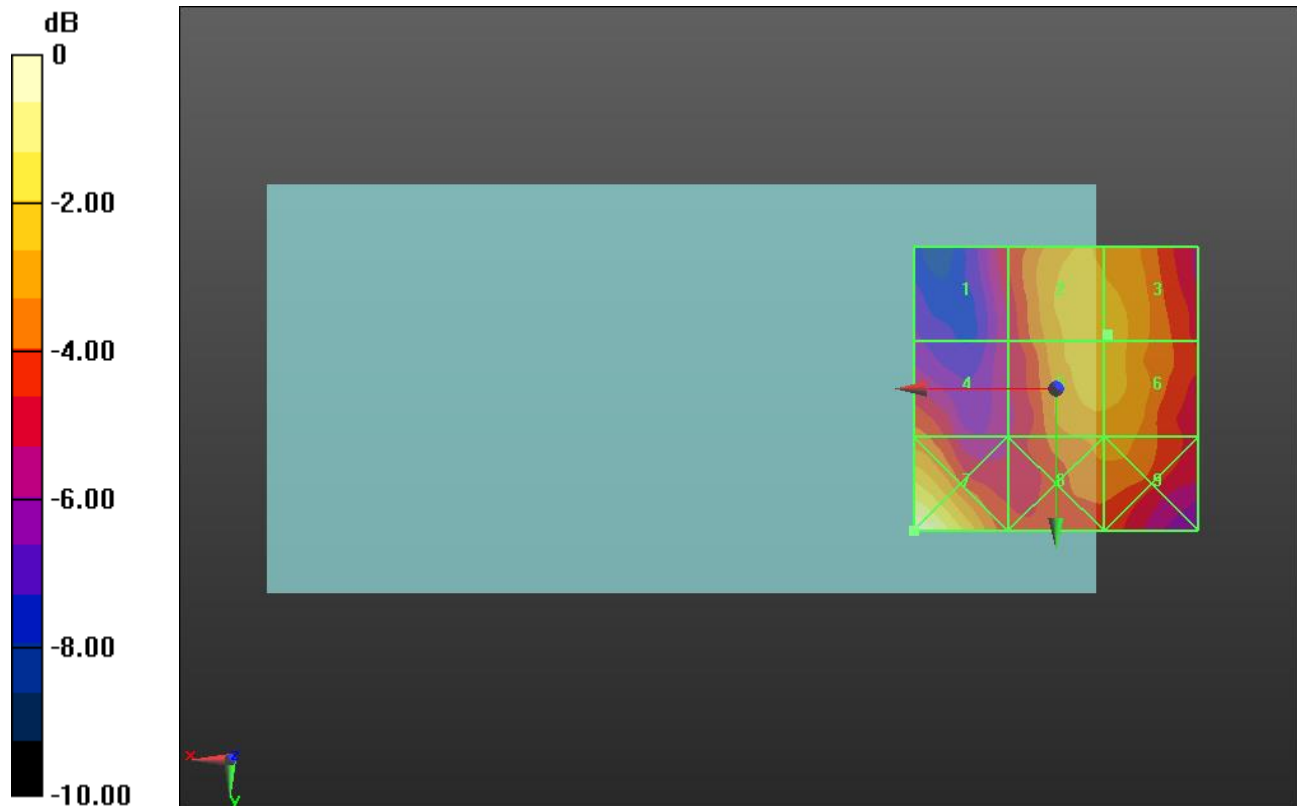
Applied MIF = 3.26 dB

RF audio interference level = 20.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.89 dBV/m	Grid 2 M4 20.34 dBV/m	Grid 3 M4 20.34 dBV/m
Grid 4 M4 18.85 dBV/m	Grid 5 M4 20.33 dBV/m	Grid 6 M4 20.33 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 19.62 dBV/m	Grid 9 M4 19.65 dBV/m



0 dB = 13.42 V/m = 22.56 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.450/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.80 V/m; Power Drift = 0.05 dB

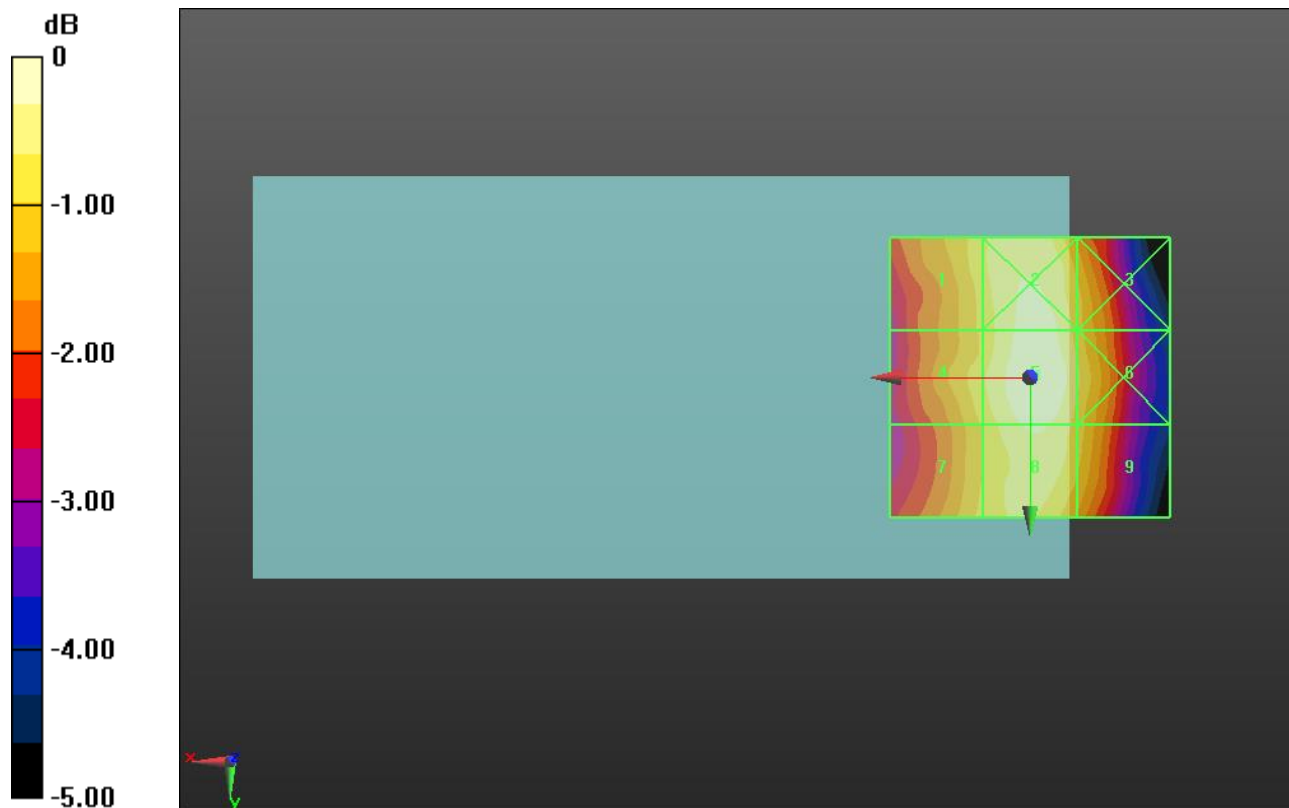
Applied MIF = 3.26 dB

RF audio interference level = 24.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.01 dBV/m	Grid 2 M4 24.6 dBV/m	Grid 3 M4 23.94 dBV/m
Grid 4 M4 24.04 dBV/m	Grid 5 M4 24.76 dBV/m	Grid 6 M4 24.16 dBV/m
Grid 7 M4 23.87 dBV/m	Grid 8 M4 24.48 dBV/m	Grid 9 M4 23.96 dBV/m



0 dB = 17.29 V/m = 24.76 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 = 16.25 V/m; Power Drift = 0.11 dB

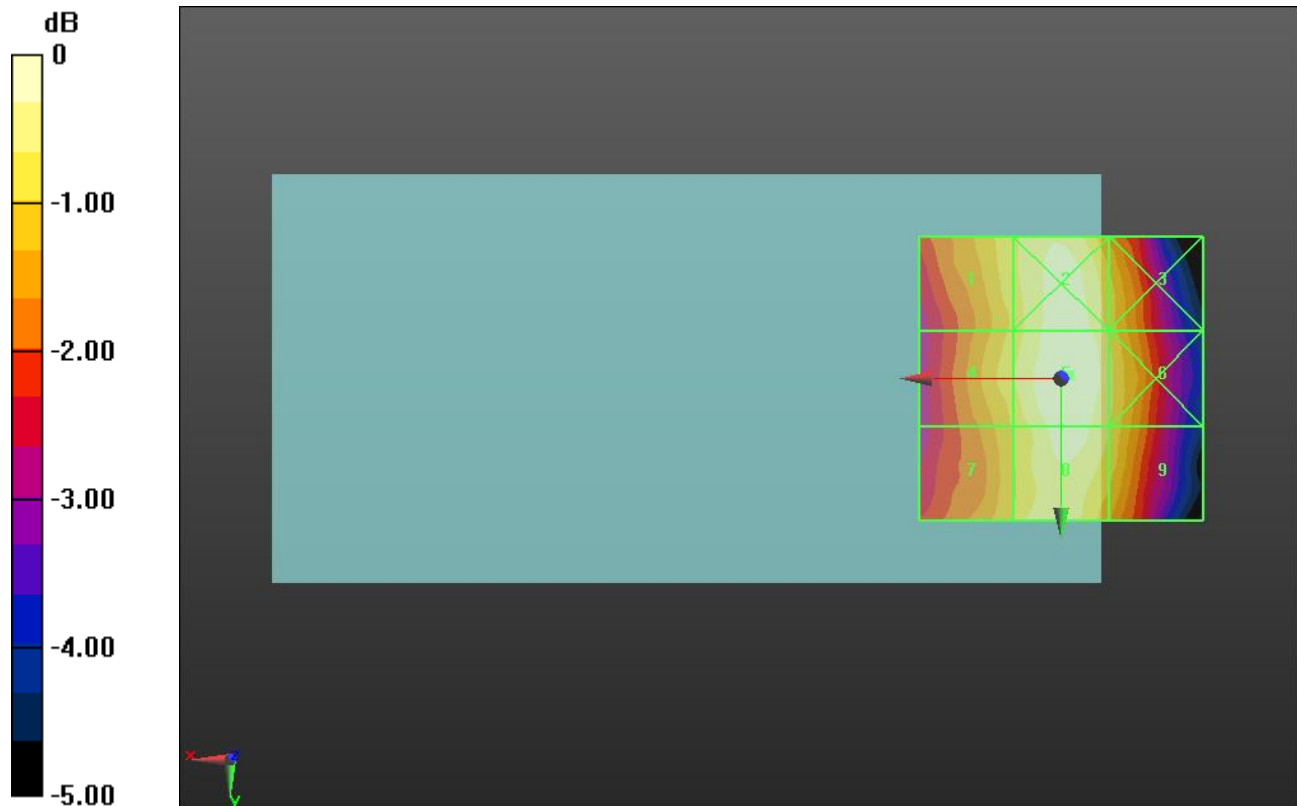
Applied MIF = 3.26 dB

RF audio interference level = 24.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.23 dBV/m	Grid 2 M4 24.9 dBV/m	Grid 3 M4 24.22 dBV/m
Grid 4 M4 24.29 dBV/m	Grid 5 M4 24.97 dBV/m	Grid 6 M4 24.41 dBV/m
Grid 7 M4 24.01 dBV/m	Grid 8 M4 24.82 dBV/m	Grid 9 M4 24.3 dBV/m



0 dB = 17.72 V/m = 24.97 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 = 16.80 V/m; Power Drift = 0.04 dB

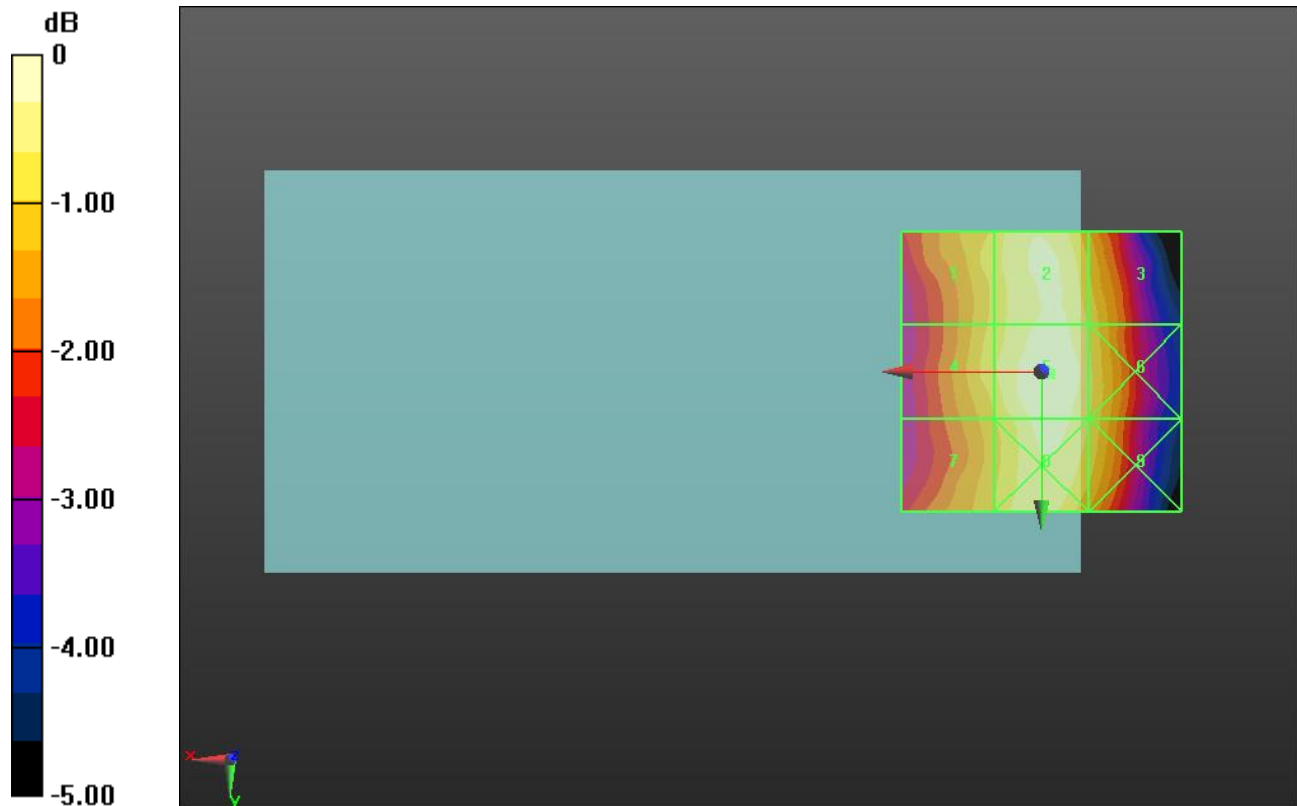
Applied MIF = 3.26 dB

RF audio interference level = 25.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.52 dBV/m	Grid 2 M4 25.03 dBV/m	Grid 3 M4 24.57 dBV/m
Grid 4 M4 24.58 dBV/m	Grid 5 M4 25.28 dBV/m	Grid 6 M4 24.71 dBV/m
Grid 7 M4 24.26 dBV/m	Grid 8 M4 25.1 dBV/m	Grid 9 M4 24.63 dBV/m



0 dB = 18.37 V/m = 25.28 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 = 11.77 V/m; Power Drift = -0.07 dB

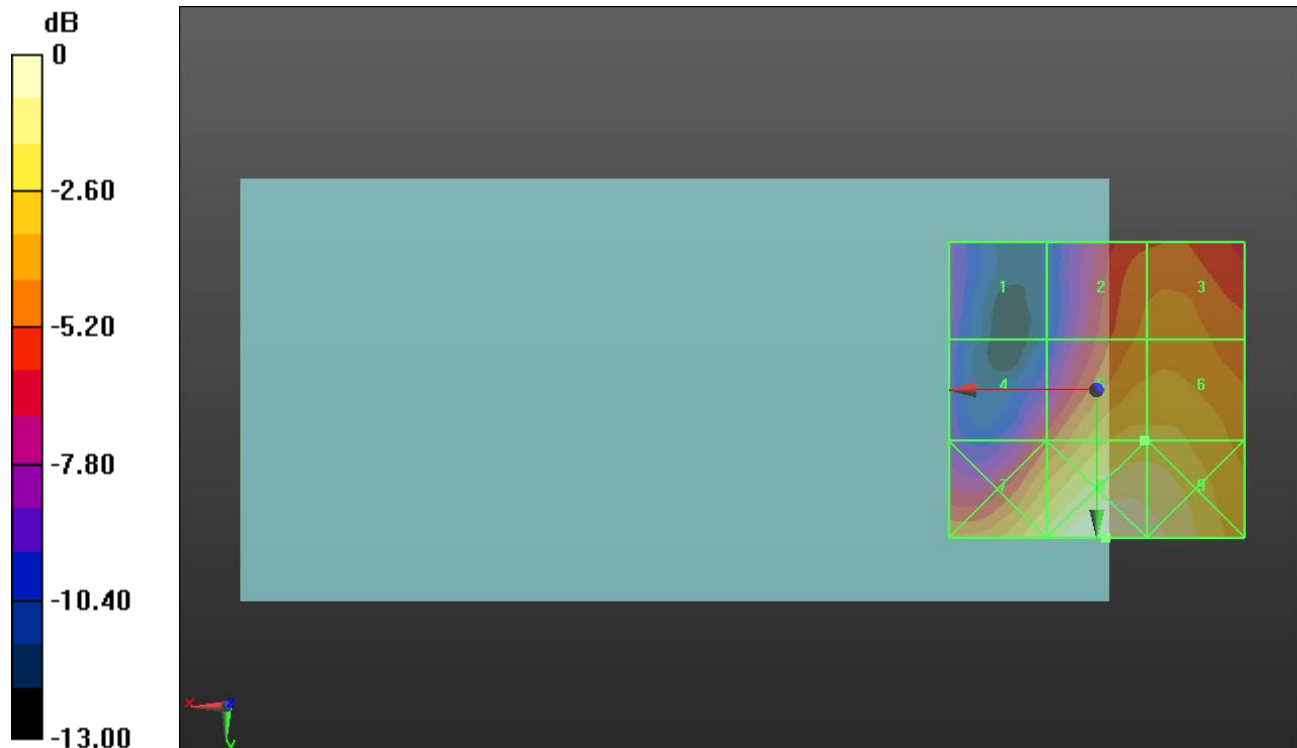
Applied MIF = -1.44 dB

RF audio interference level = 20.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.64 dBV/m	Grid 2 M4 18.71 dBV/m	Grid 3 M4 18.92 dBV/m
Grid 4 M4 17.1 dBV/m	Grid 5 M4 20.48 dBV/m	Grid 6 M4 20.48 dBV/m
Grid 7 M4 21.26 dBV/m	Grid 8 M4 22.72 dBV/m	Grid 9 M4 22.25 dBV/m



0 dB = 13.67 V/m = 22.72 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 = 12.23 V/m; Power Drift = 0.00 dB

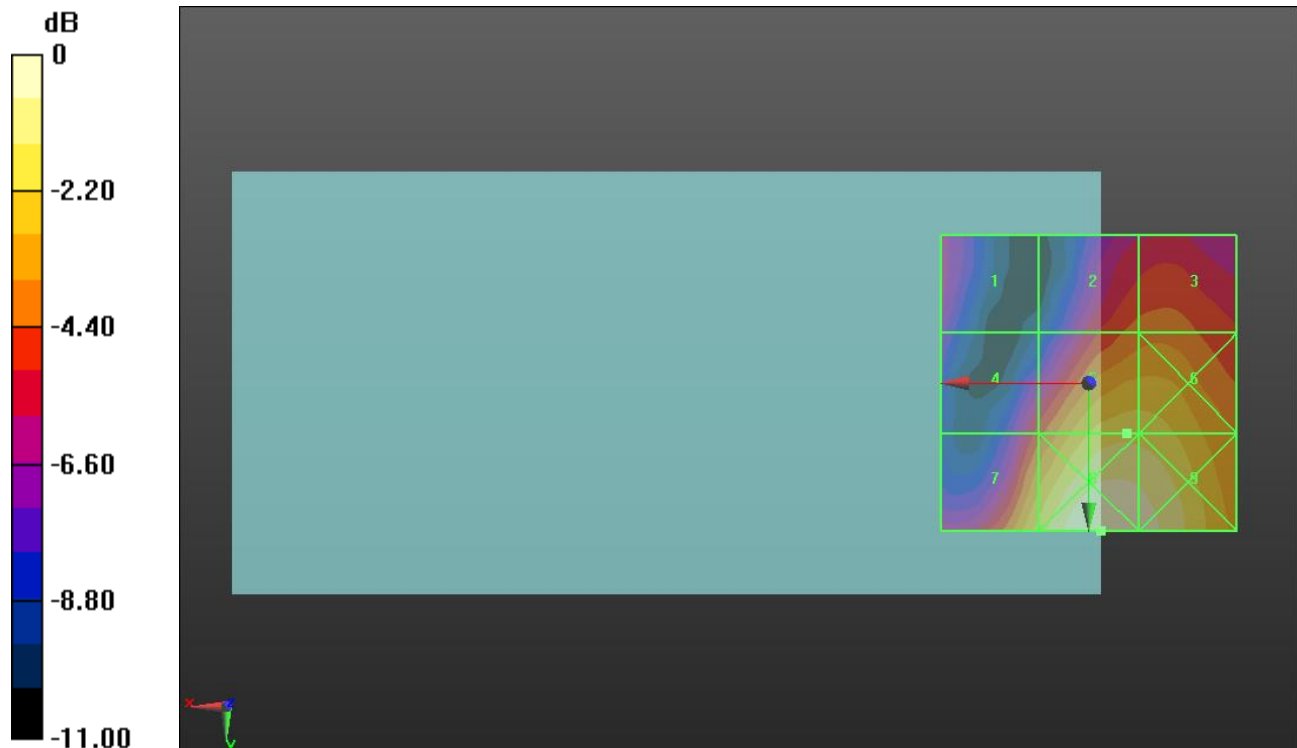
Applied MIF = -1.44 dB

RF audio interference level = 20.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.26 dBV/m	Grid 2 M4 18.44 dBV/m	Grid 3 M4 18.6 dBV/m
Grid 4 M4 17.7 dBV/m	Grid 5 M4 20.78 dBV/m	Grid 6 M4 20.73 dBV/m
Grid 7 M4 20.57 dBV/m	Grid 8 M4 22.45 dBV/m	Grid 9 M4 22.14 dBV/m



0 dB = 13.25 V/m = 22.44 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 11.80 V/m; Power Drift = -0.06 dB

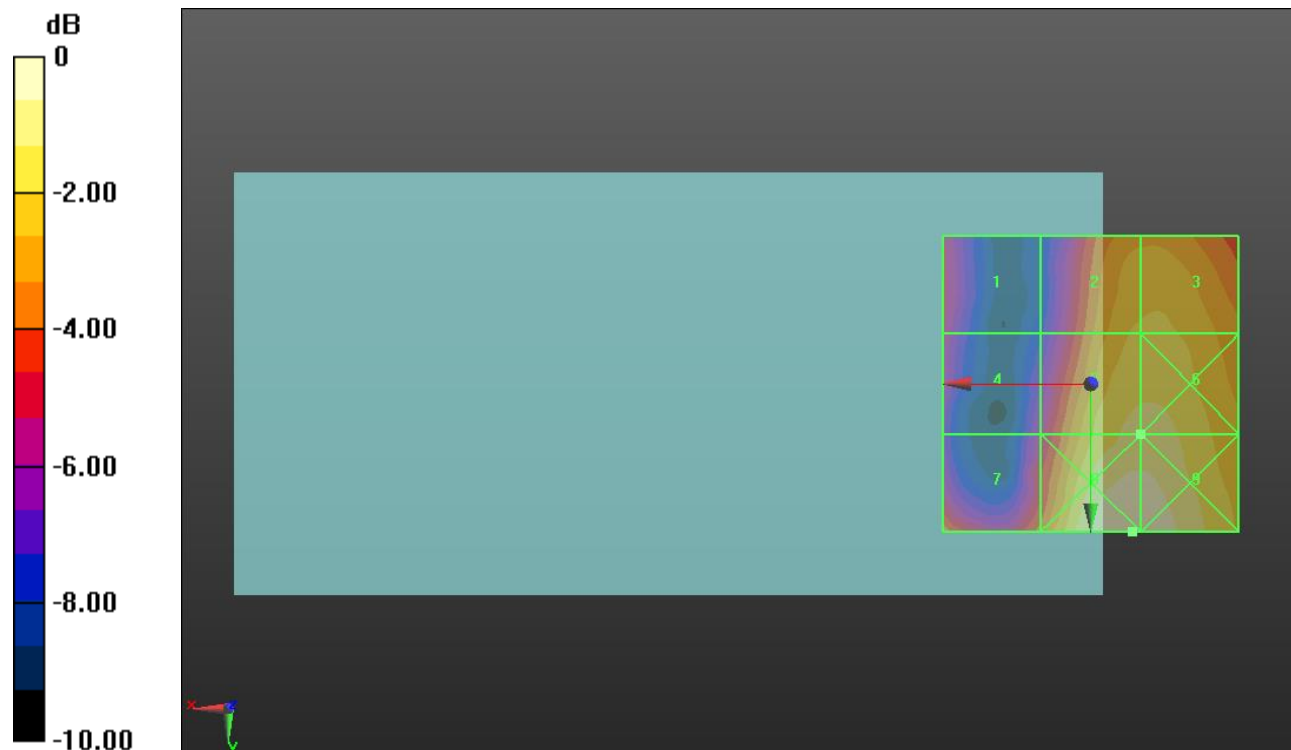
Applied MIF = -1.44 dB

RF audio interference level = 19.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.84 dBV/m	Grid 2 M4 18.91 dBV/m	Grid 3 M4 18.97 dBV/m
Grid 4 M4 15.54 dBV/m	Grid 5 M4 19.76 dBV/m	Grid 6 M4 19.79 dBV/m
Grid 7 M4 17.33 dBV/m	Grid 8 M4 20.78 dBV/m	Grid 9 M4 20.75 dBV/m



0 dB = 10.94 V/m = 20.78 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 = 11.91 V/m; Power Drift = -0.15 dB

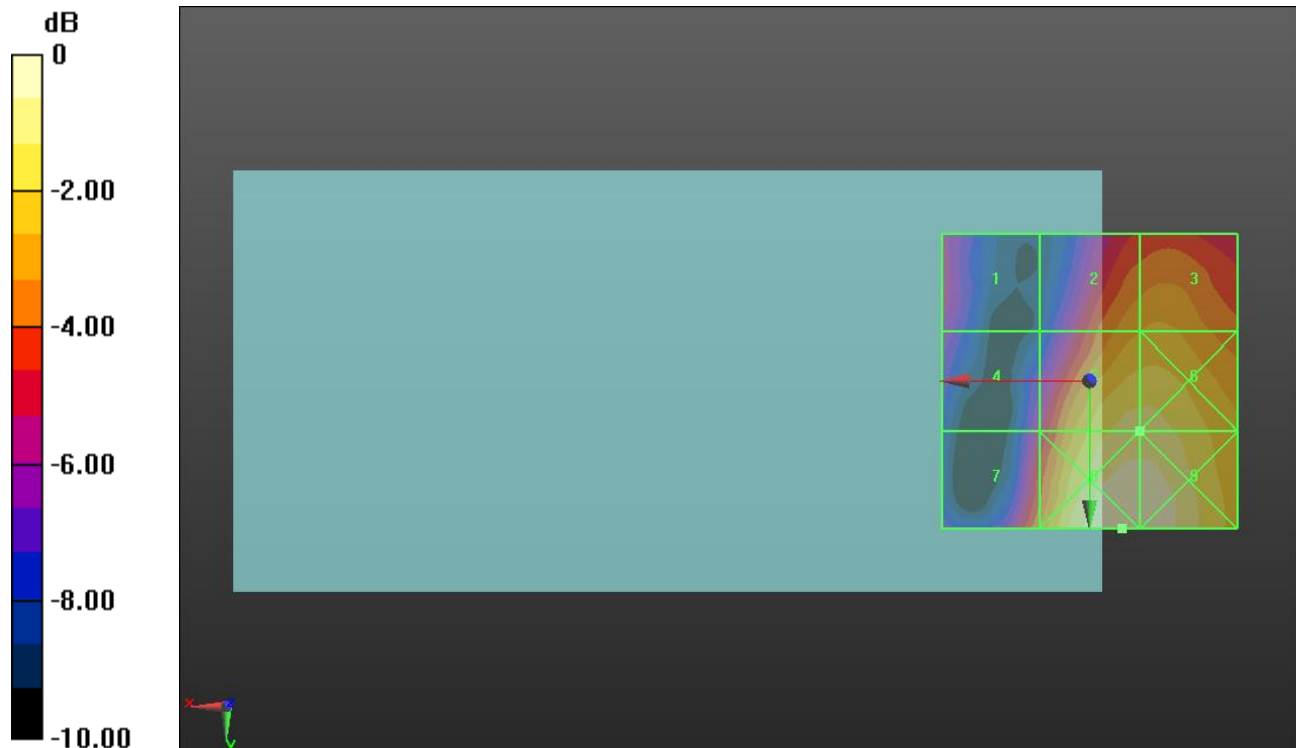
Applied MIF = -1.44 dB

RF audio interference level = 20.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.73 dBV/m	Grid 2 M4 18.42 dBV/m	Grid 3 M4 18.57 dBV/m
Grid 4 M4 15.56 dBV/m	Grid 5 M4 20.04 dBV/m	Grid 6 M4 20.04 dBV/m
Grid 7 M4 17.89 dBV/m	Grid 8 M4 21.08 dBV/m	Grid 9 M4 20.97 dBV/m



0 dB = 11.33 V/m = 21.08 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 = 10.64 V/m; Power Drift = -0.22 dB

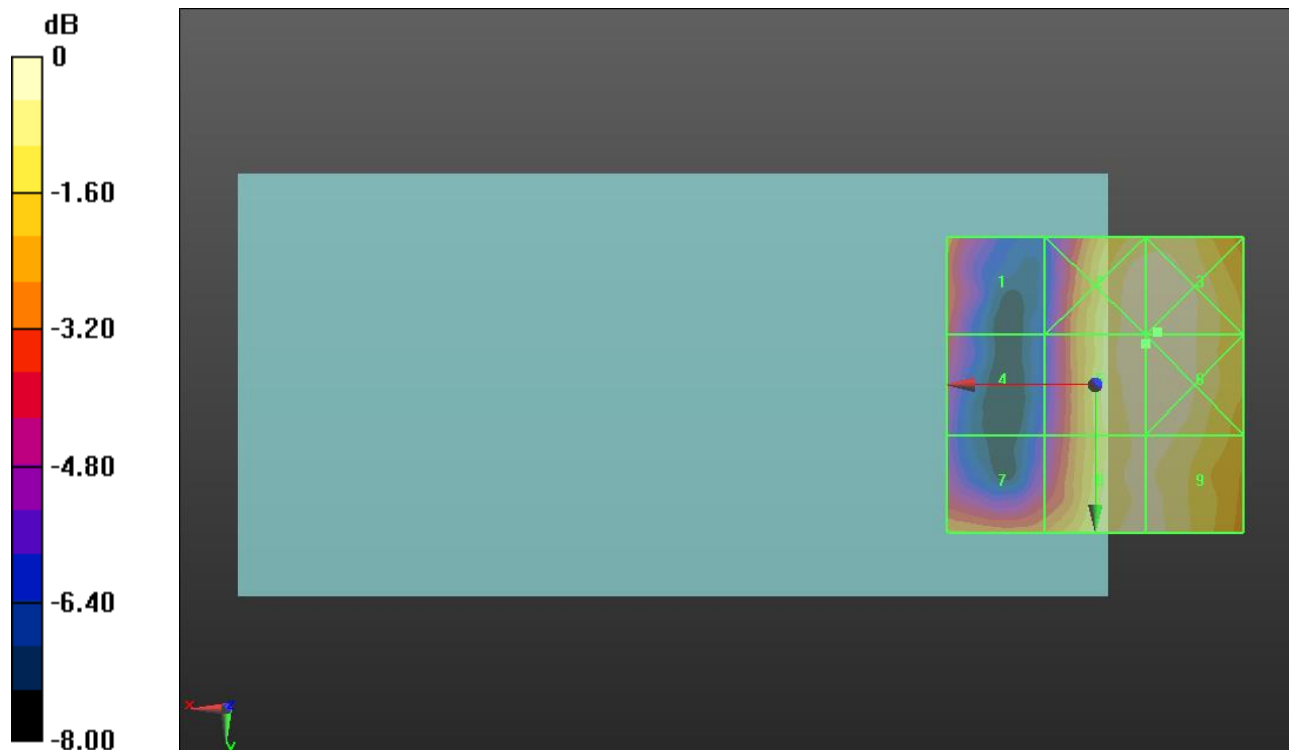
Applied MIF = -1.44 dB

RF audio interference level = 18.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.53 dBV/m	Grid 2 M4 18.21 dBV/m	Grid 3 M4 18.25 dBV/m
Grid 4 M4 14.59 dBV/m	Grid 5 M4 18.22 dBV/m	Grid 6 M4 18.25 dBV/m
Grid 7 M4 15.81 dBV/m	Grid 8 M4 17.93 dBV/m	Grid 9 M4 17.93 dBV/m



0 dB = 8.171 V/m = 18.25 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 = 12.25 V/m; Power Drift = -0.13 dB

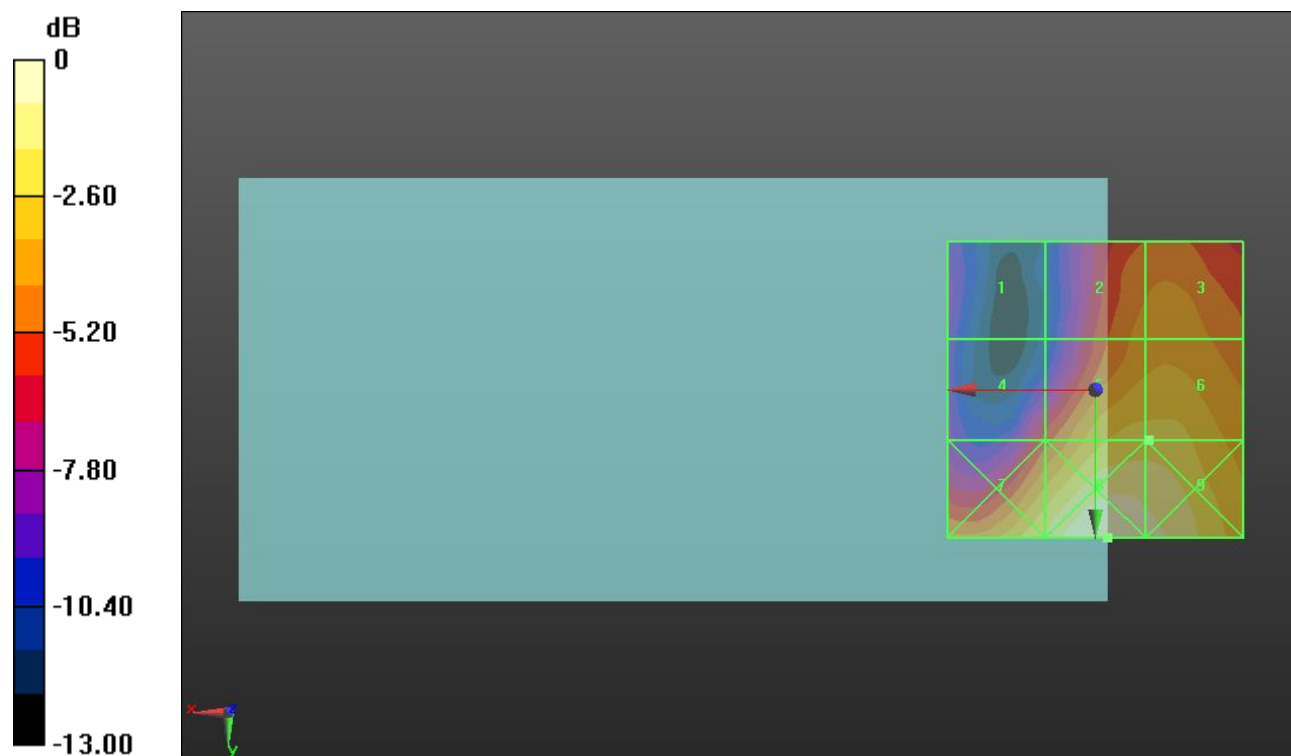
Applied MIF = -1.44 dB

RF audio interference level = 20.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.87 dBV/m	Grid 2 M4 19.15 dBV/m	Grid 3 M4 19.39 dBV/m
Grid 4 M4 17.45 dBV/m	Grid 5 M4 20.9 dBV/m	Grid 6 M4 20.9 dBV/m
Grid 7 M4 21.59 dBV/m	Grid 8 M4 23.07 dBV/m	Grid 9 M4 22.61 dBV/m



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

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 12.79 V/m; Power Drift = 0.17 dB

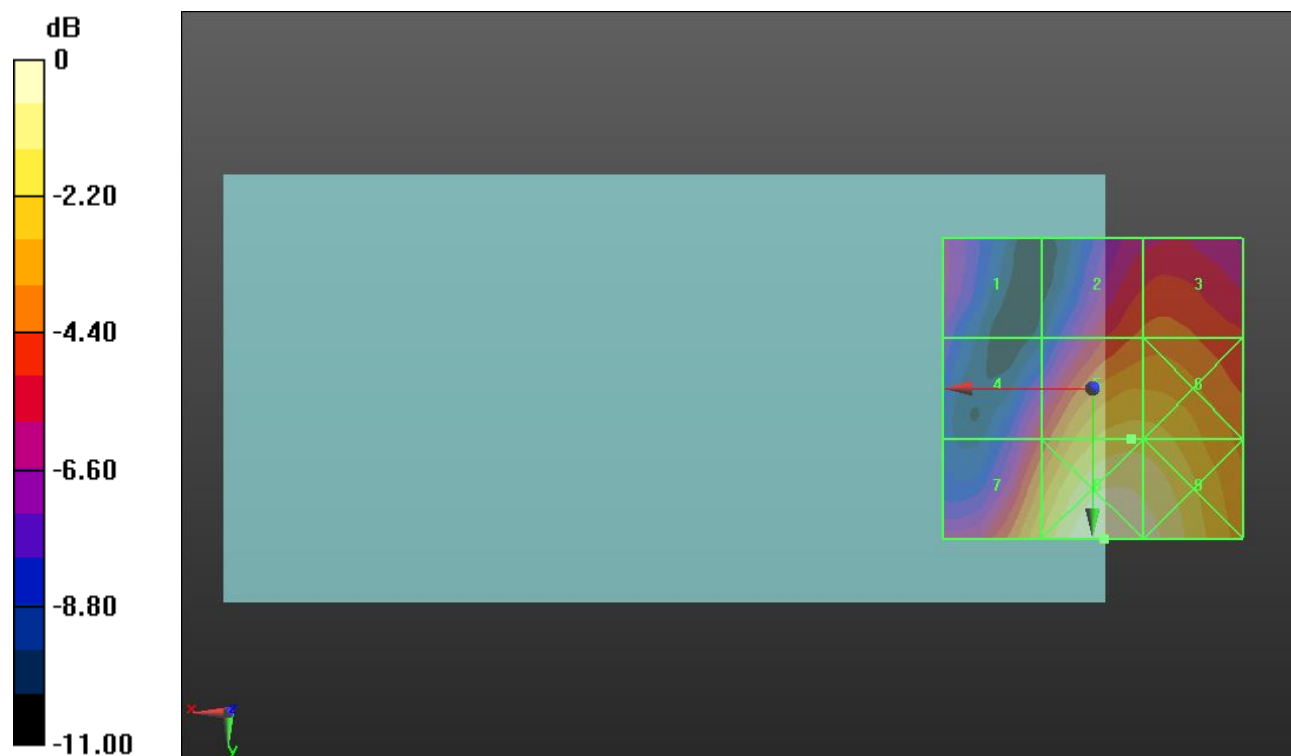
Applied MIF = -1.44 dB

RF audio interference level = 21.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.65 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 18.97 dBV/m
Grid 4 M4 17.97 dBV/m	Grid 5 M4 21.23 dBV/m	Grid 6 M4 21.19 dBV/m
Grid 7 M4 20.84 dBV/m	Grid 8 M4 22.96 dBV/m	Grid 9 M4 22.61 dBV/m



0 dB = 14.06 V/m = 22.96 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 = 12.35 V/m; Power Drift = -0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.17 dBV/m	Grid 2 M4 19.4 dBV/m	Grid 3 M4 19.54 dBV/m
Grid 4 M4 15.86 dBV/m	Grid 5 M4 20.14 dBV/m	Grid 6 M4 20.15 dBV/m
Grid 7 M4 17.53 dBV/m	Grid 8 M4 21.23 dBV/m	Grid 9 M4 21.2 dBV/m



0 dB = 11.52 V/m = 21.23 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 = 11.84 V/m; Power Drift = -0.09 dB

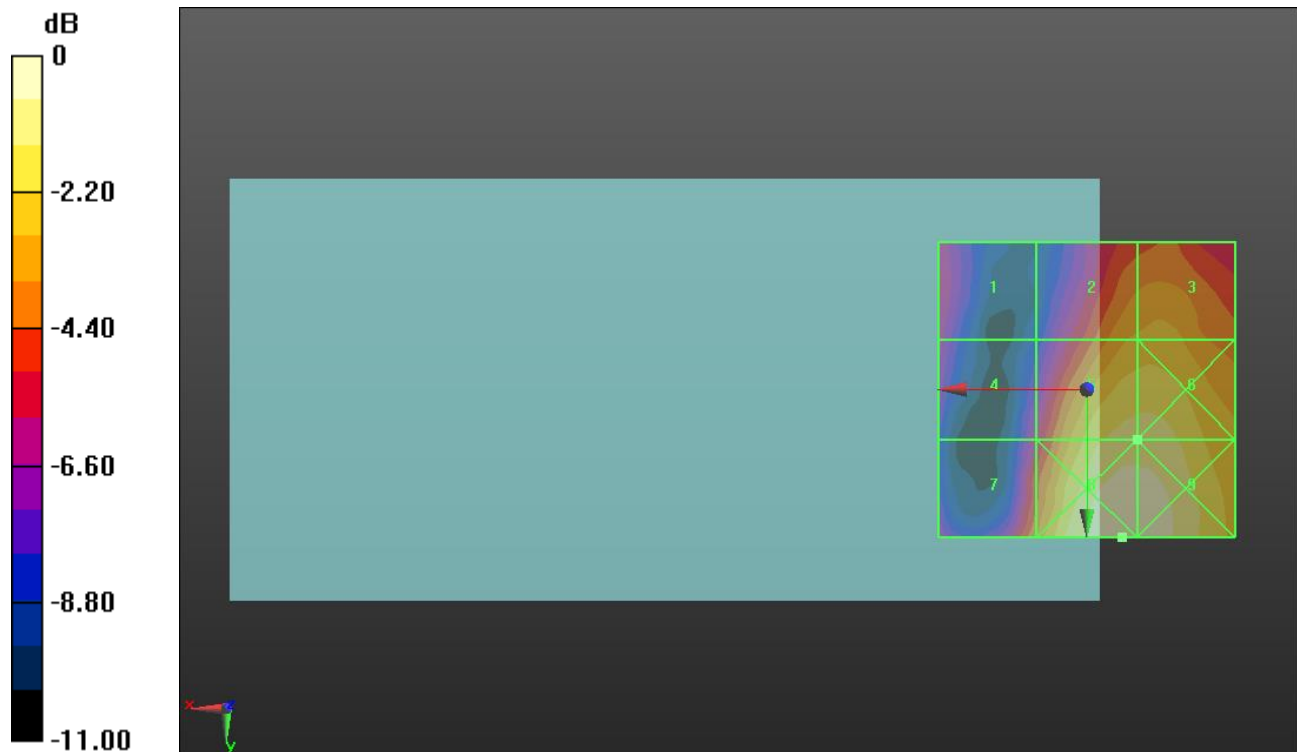
Applied MIF = -1.44 dB

RF audio interference level = 20.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.46 dBV/m	Grid 2 M4 18.36 dBV/m	Grid 3 M4 18.5 dBV/m
Grid 4 M4 15.19 dBV/m	Grid 5 M4 20.04 dBV/m	Grid 6 M4 20.04 dBV/m
Grid 7 M4 17.66 dBV/m	Grid 8 M4 21.14 dBV/m	Grid 9 M4 21.07 dBV/m



0 dB = 11.40 V/m = 21.14 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 = 10.90 V/m; Power Drift = 0.10 dB

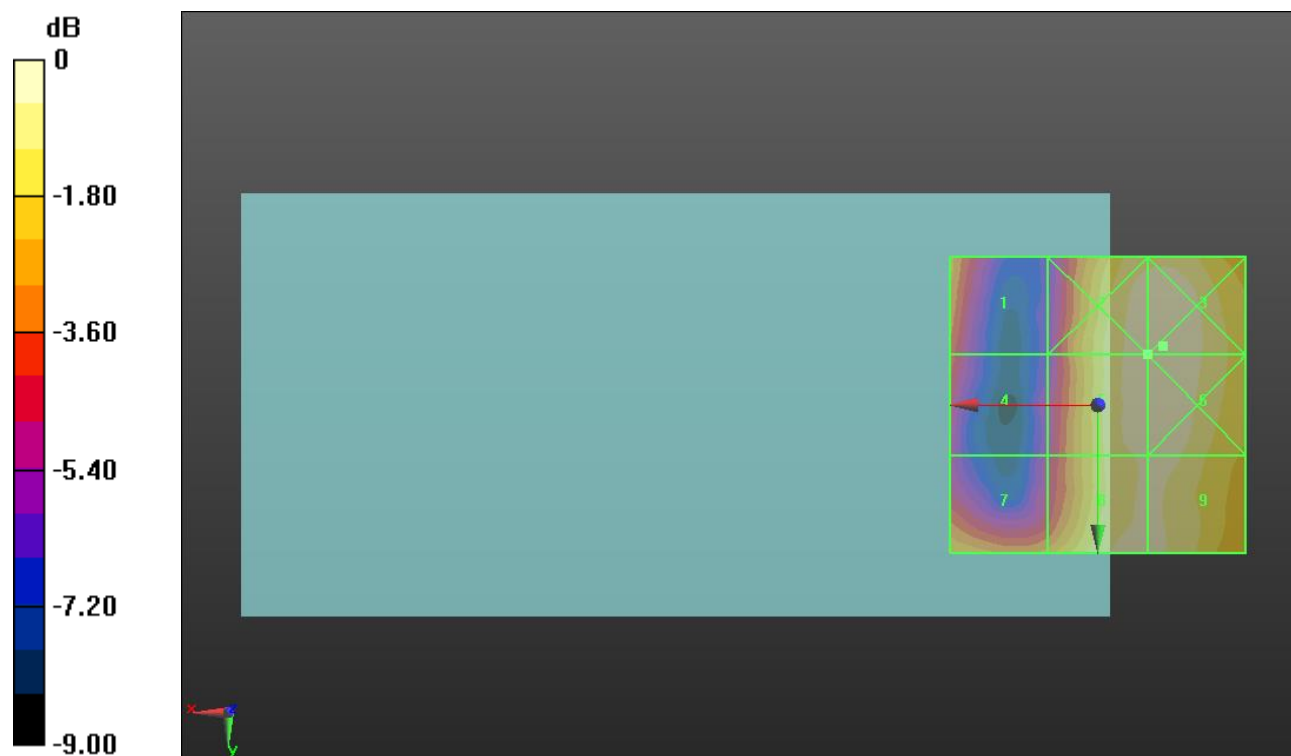
Applied MIF = -1.44 dB

RF audio interference level = 18.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.06 dBV/m	Grid 2 M4 18.6 dBV/m	Grid 3 M4 18.68 dBV/m
Grid 4 M4 14.91 dBV/m	Grid 5 M4 18.6 dBV/m	Grid 6 M4 18.67 dBV/m
Grid 7 M4 16.28 dBV/m	Grid 8 M4 18.34 dBV/m	Grid 9 M4 18.27 dBV/m



0 dB = 8.592 V/m = 18.68 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 = 123.4 V/m; Power Drift = -0.01 dB

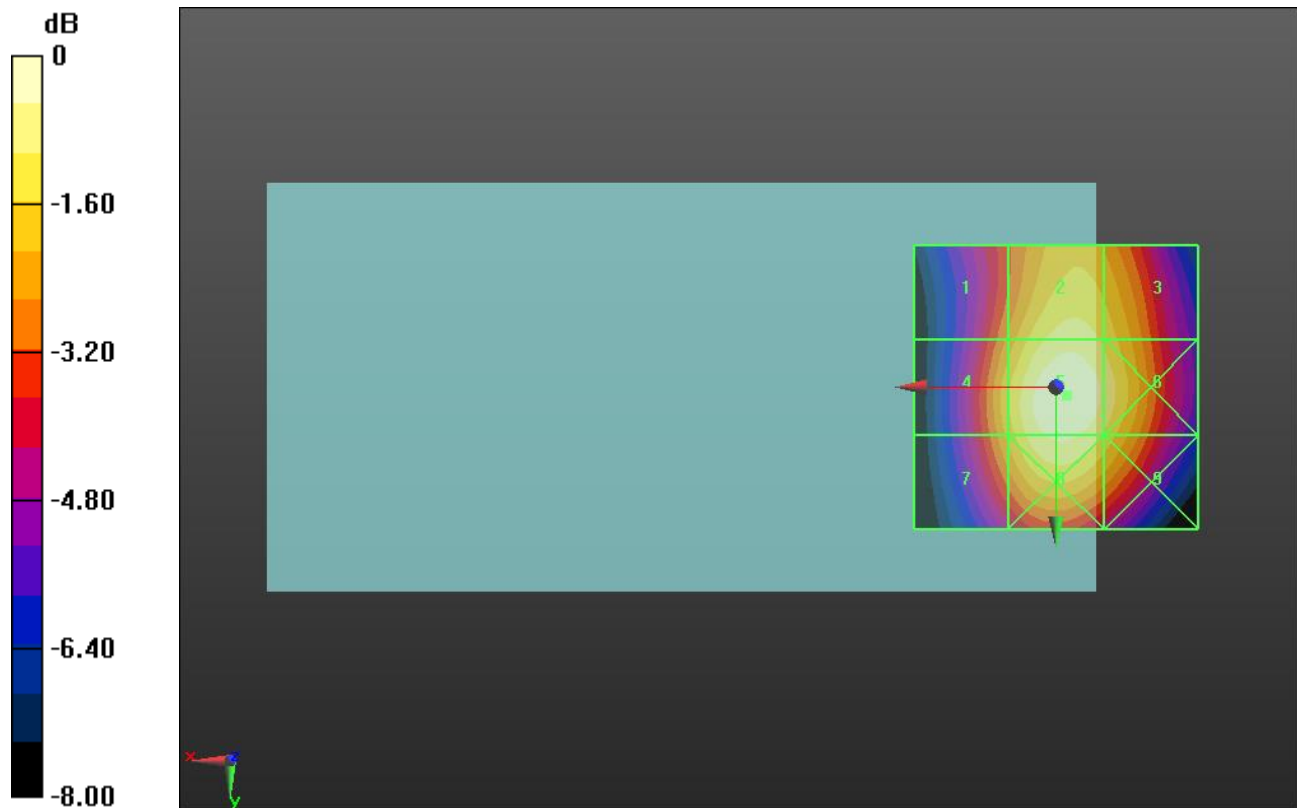
Applied MIF = 3.63 dB

RF audio interference level = 40.49 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.96 dBV/m	Grid 2 M4 39.74 dBV/m	Grid 3 M4 39.3 dBV/m
Grid 4 M4 38.81 dBV/m	Grid 5 M3 40.49 dBV/m	Grid 6 M4 39.85 dBV/m
Grid 7 M4 38.52 dBV/m	Grid 8 M3 40.1 dBV/m	Grid 9 M4 39.33 dBV/m



0 dB = 105.9 V/m = 40.50 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 = 121.9 V/m; Power Drift = 0.00 dB

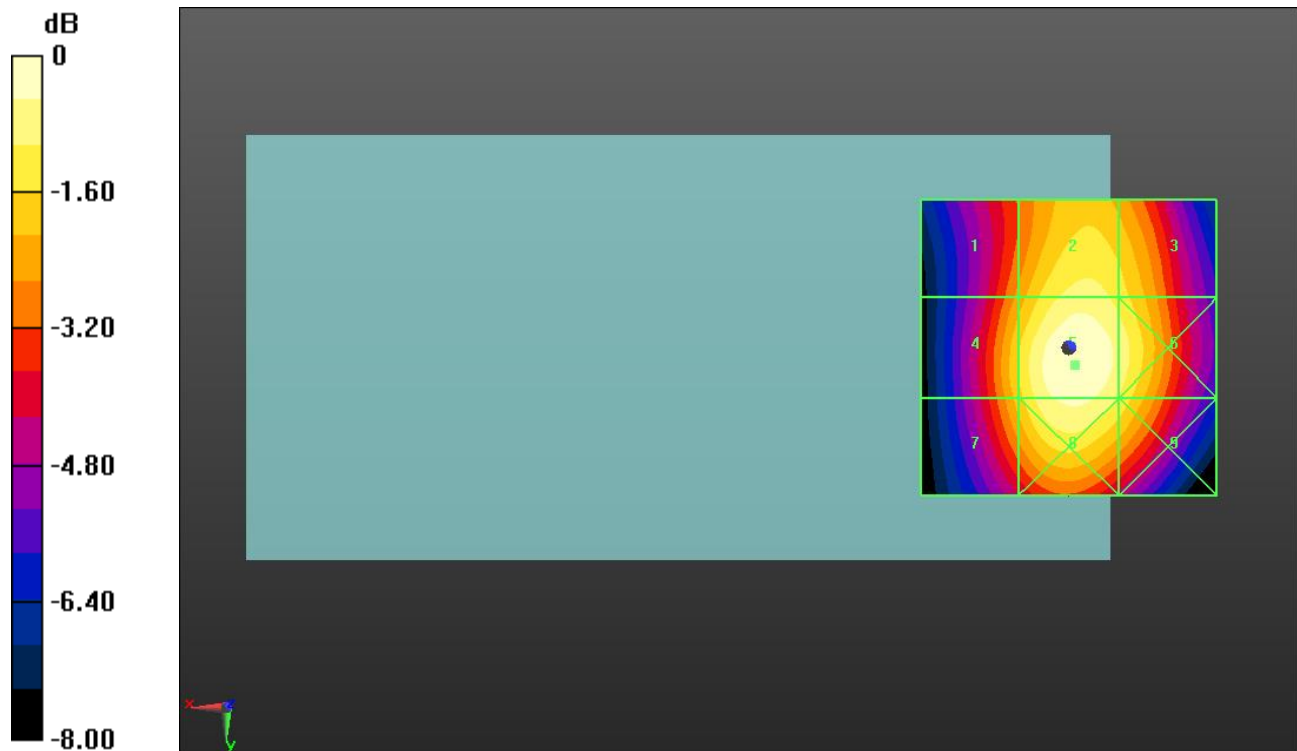
Applied MIF = 3.63 dB

RF audio interference level = 40.46 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.01 dBV/m	Grid 2 M4 39.66 dBV/m	Grid 3 M4 39.18 dBV/m
Grid 4 M4 38.88 dBV/m	Grid 5 M3 40.46 dBV/m	Grid 6 M4 39.75 dBV/m
Grid 7 M4 38.62 dBV/m	Grid 8 M3 40.09 dBV/m	Grid 9 M4 39.31 dBV/m



0 dB = 105.4 V/m = 40.46 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 = 114.0 V/m; Power Drift = -0.09 dB

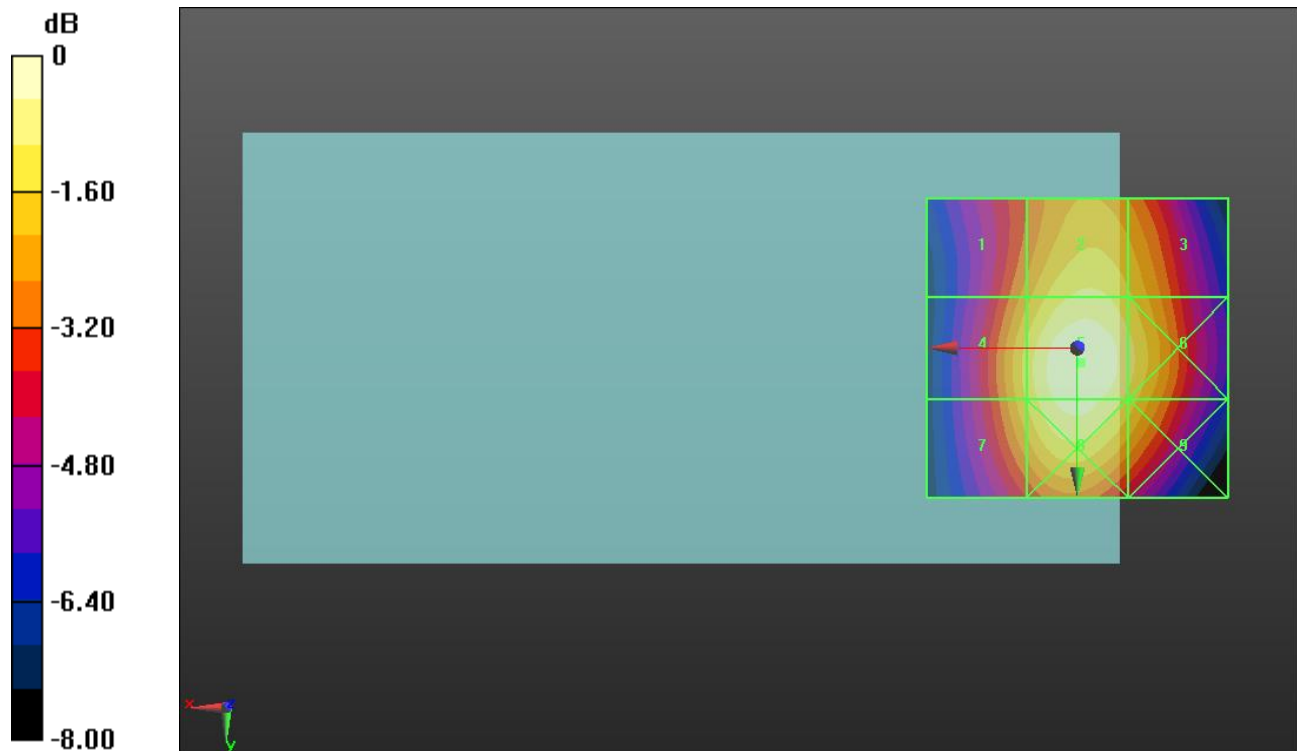
Applied MIF = 3.63 dB

RF audio interference level = 39.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.51 dBV/m	Grid 2 M4 38.93 dBV/m	Grid 3 M4 38.37 dBV/m
Grid 4 M4 38.48 dBV/m	Grid 5 M4 39.85 dBV/m	Grid 6 M4 39 dBV/m
Grid 7 M4 38.29 dBV/m	Grid 8 M4 39.58 dBV/m	Grid 9 M4 38.6 dBV/m



0 dB = 98.24 V/m = 39.85 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 = 17.59 V/m; Power Drift = 0.02 dB

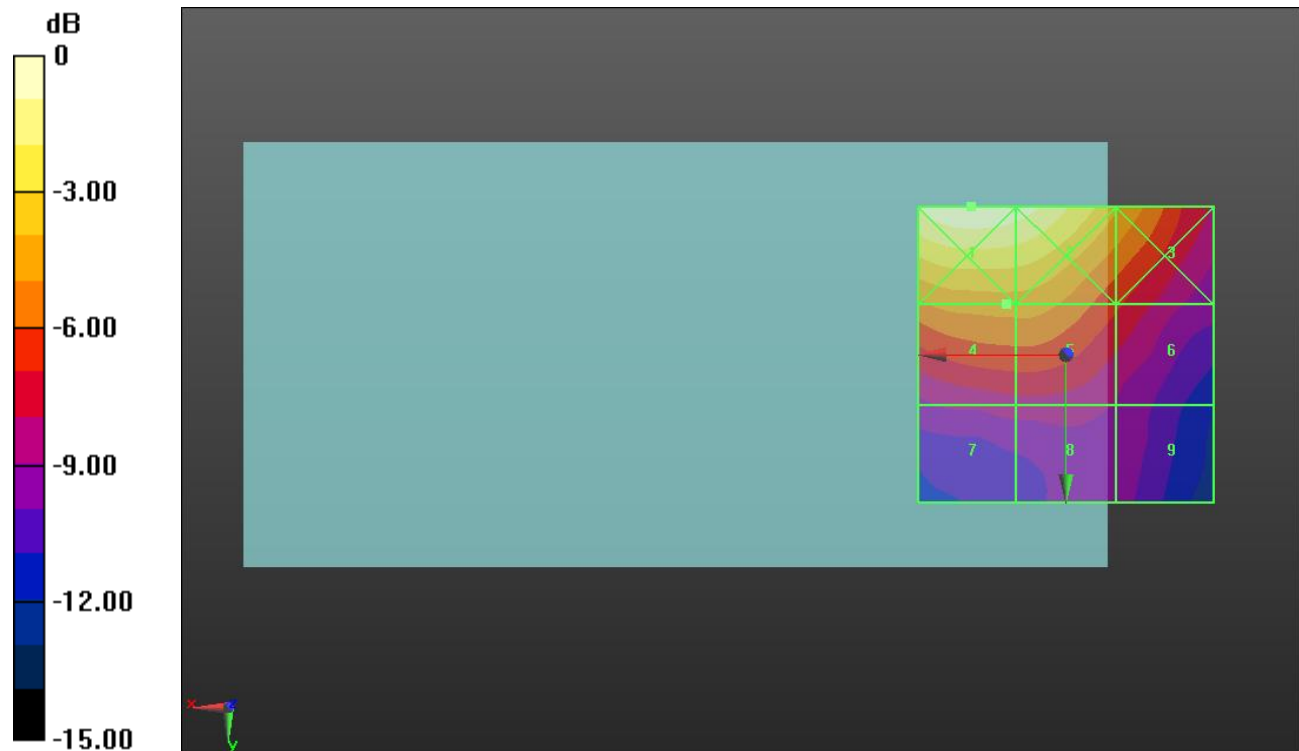
Applied MIF = 3.63 dB

RF audio interference level = 28.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.73 dBV/m	Grid 2 M3 32.33 dBV/m	Grid 3 M4 28.86 dBV/m
Grid 4 M4 28.24 dBV/m	Grid 5 M4 28.23 dBV/m	Grid 6 M4 25.94 dBV/m
Grid 7 M4 24.31 dBV/m	Grid 8 M4 24.34 dBV/m	Grid 9 M4 23.7 dBV/m



0 dB = 43.29 V/m = 32.73 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 = 16.77 V/m; Power Drift = -0.01 dB

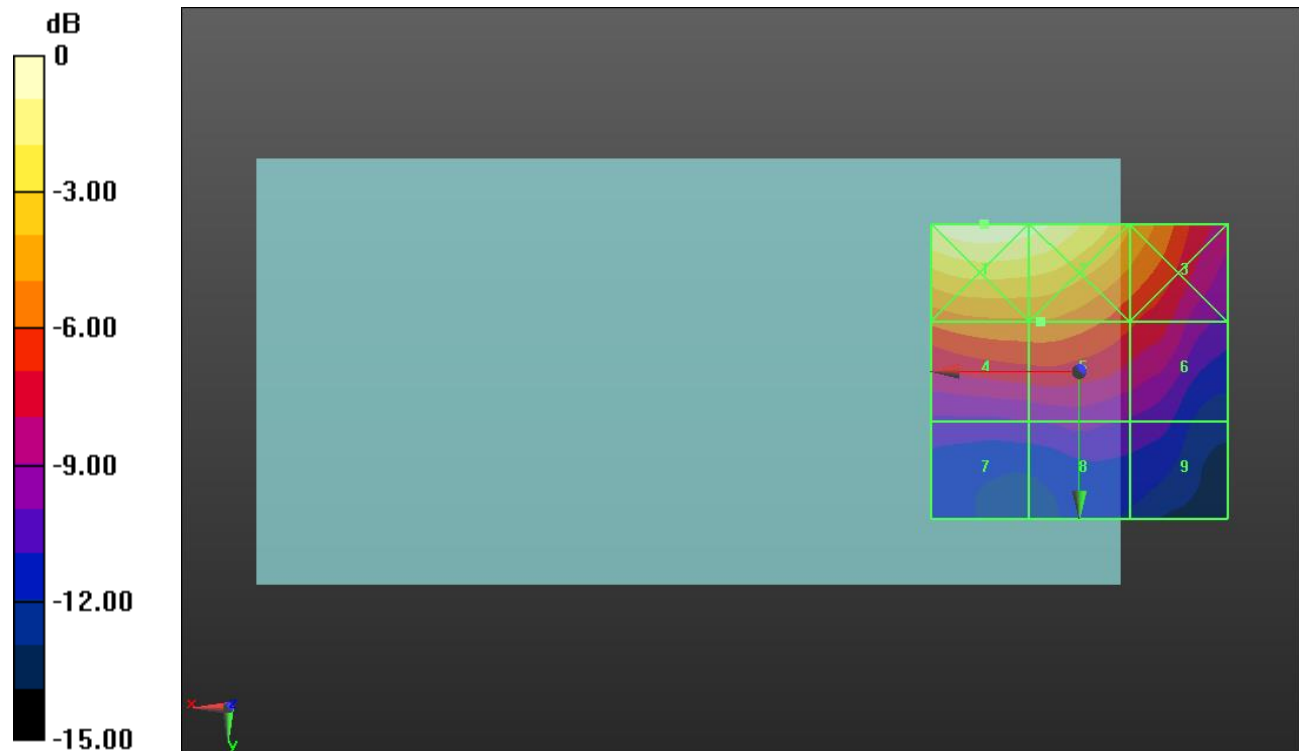
Applied MIF = 3.63 dB

RF audio interference level = 28.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.31 dBV/m	Grid 2 M3 32.84 dBV/m	Grid 3 M4 29.45 dBV/m
Grid 4 M4 28.23 dBV/m	Grid 5 M4 28.26 dBV/m	Grid 6 M4 26.58 dBV/m
Grid 7 M4 23.32 dBV/m	Grid 8 M4 23.71 dBV/m	Grid 9 M4 23.19 dBV/m



0 dB = 46.31 V/m = 33.31 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 = 16.56 V/m; Power Drift = -0.08 dB

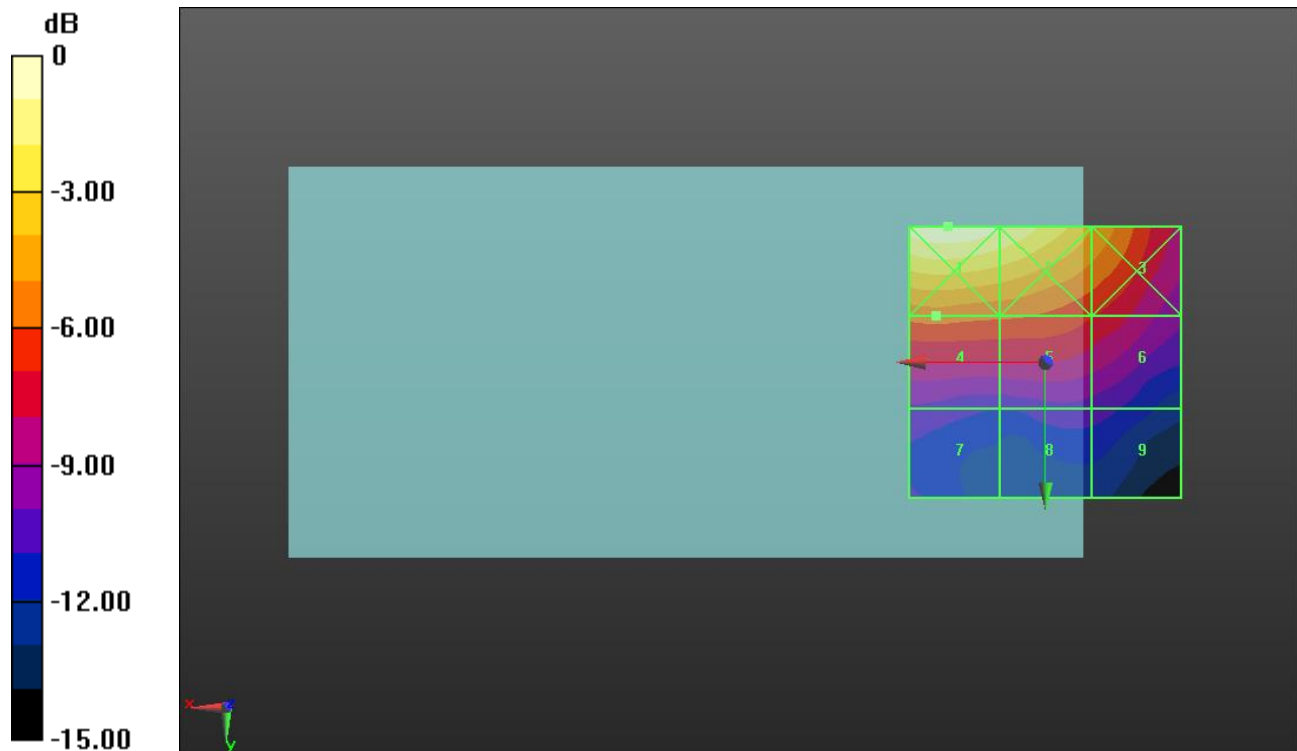
Applied MIF = 3.63 dB

RF audio interference level = 27.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.28 dBV/m	Grid 2 M3 32.54 dBV/m	Grid 3 M4 29.36 dBV/m
Grid 4 M4 27.76 dBV/m	Grid 5 M4 27.46 dBV/m	Grid 6 M4 26.36 dBV/m
Grid 7 M4 23.14 dBV/m	Grid 8 M4 23.04 dBV/m	Grid 9 M4 22.9 dBV/m



0 dB = 46.12 V/m = 33.28 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 = 56.08 V/m; Power Drift = -0.00 dB

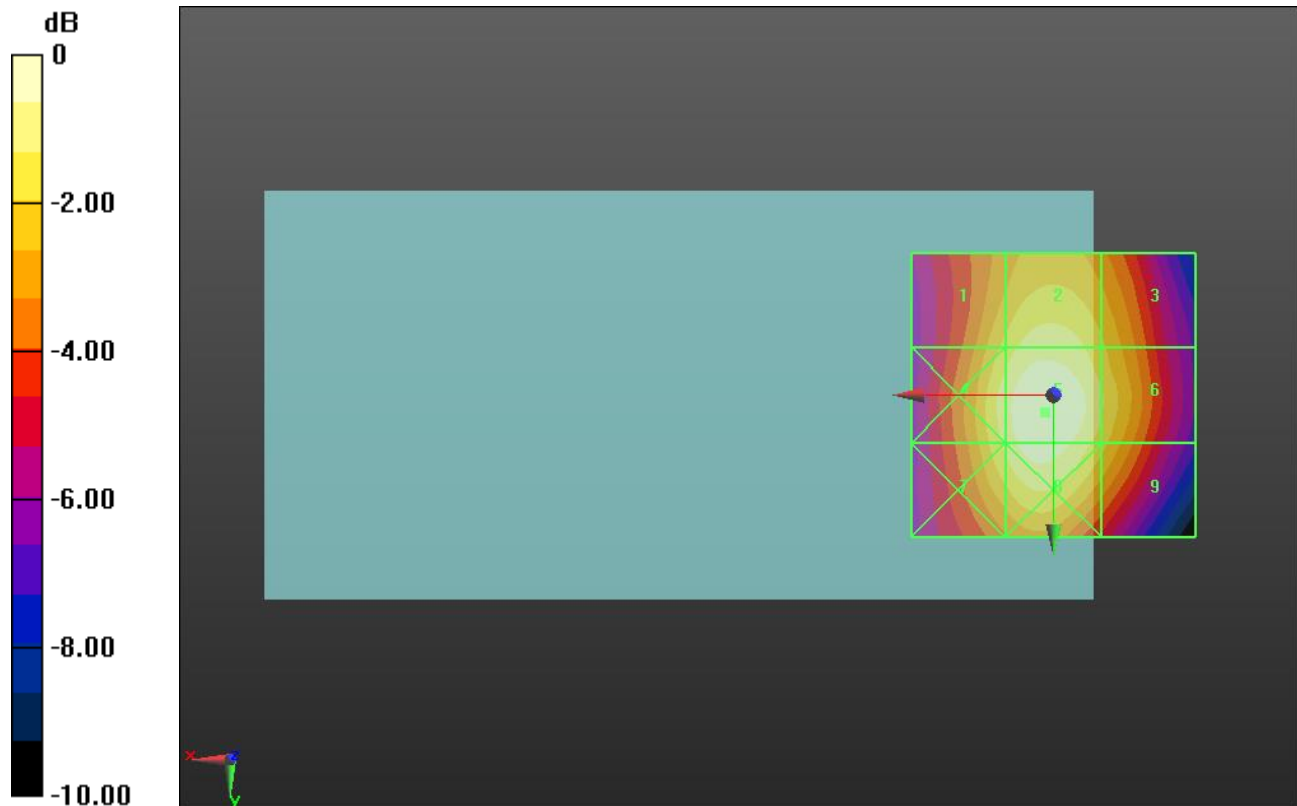
Applied MIF = 3.26 dB

RF audio interference level = 33.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.51 dBV/m	Grid 2 M4 32.39 dBV/m	Grid 3 M4 31.42 dBV/m
Grid 4 M4 32.36 dBV/m	Grid 5 M4 33.28 dBV/m	Grid 6 M4 32.03 dBV/m
Grid 7 M4 32.12 dBV/m	Grid 8 M4 32.99 dBV/m	Grid 9 M4 31.54 dBV/m



0 dB = 46.13 V/m = 33.28 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 = 55.90 V/m; Power Drift = -0.09 dB

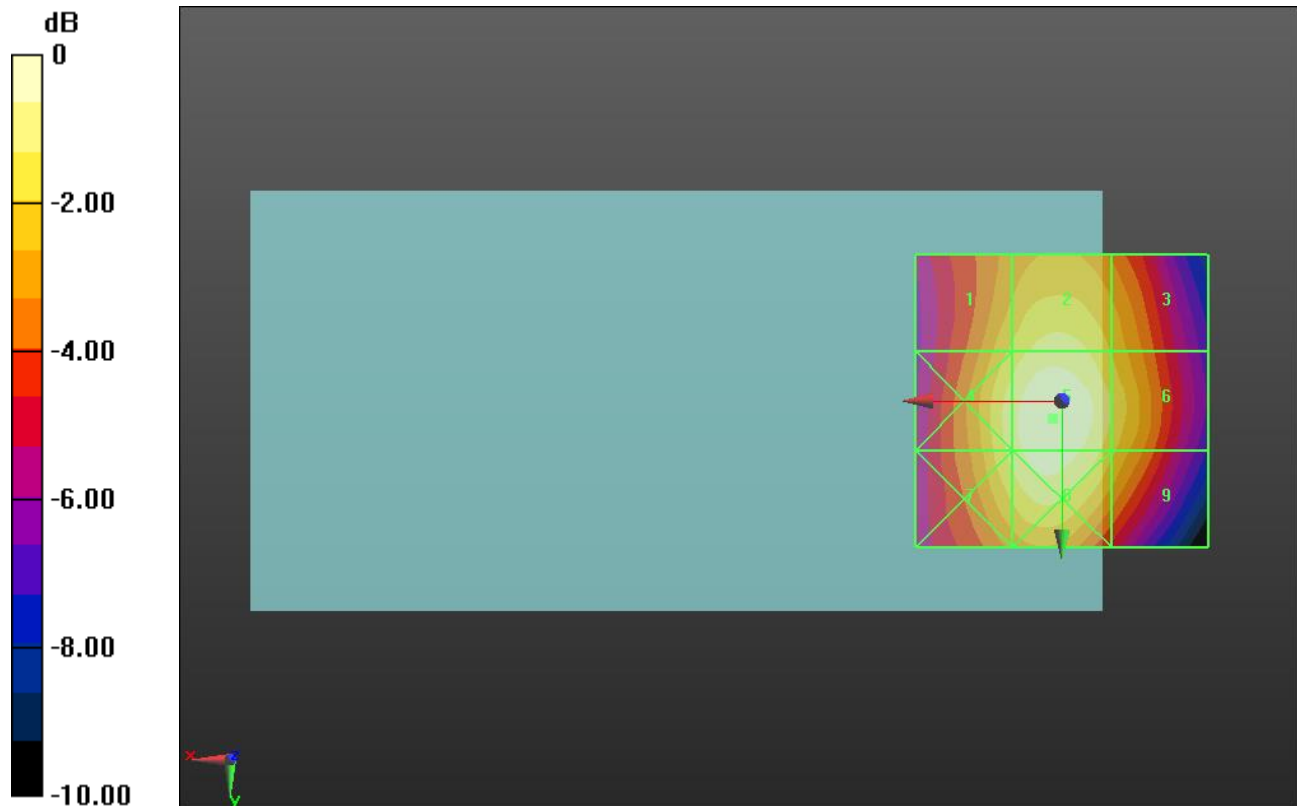
Applied MIF = 3.26 dB

RF audio interference level = 33.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.36 dBV/m	Grid 2 M4 32.2 dBV/m	Grid 3 M4 31.13 dBV/m
Grid 4 M4 32.3 dBV/m	Grid 5 M4 33.17 dBV/m	Grid 6 M4 31.84 dBV/m
Grid 7 M4 32.12 dBV/m	Grid 8 M4 32.92 dBV/m	Grid 9 M4 31.36 dBV/m



0 dB = 45.55 V/m = 33.17 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 = 54.08 V/m; Power Drift = -0.09 dB

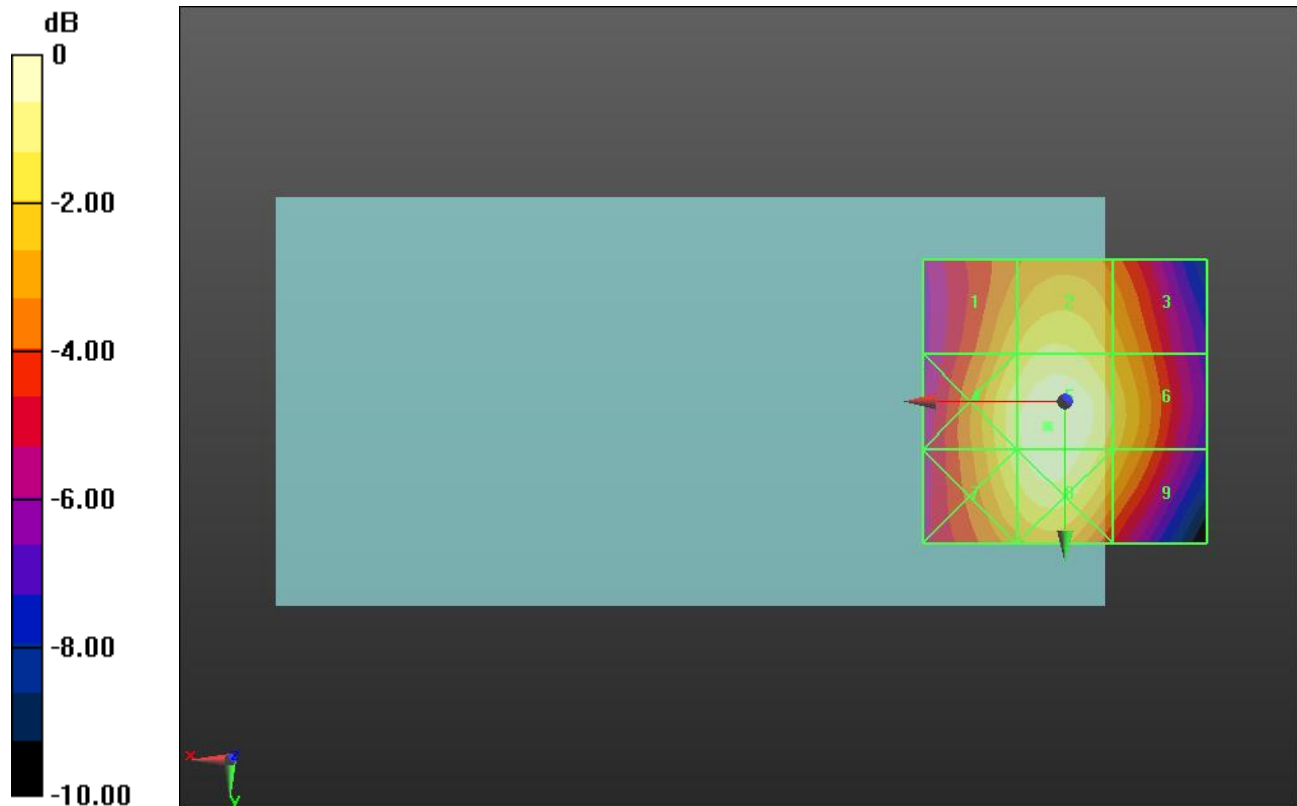
Applied MIF = 3.26 dB

RF audio interference level = 32.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.96 dBV/m	Grid 2 M4 31.73 dBV/m	Grid 3 M4 30.69 dBV/m
Grid 4 M4 32.05 dBV/m	Grid 5 M4 32.86 dBV/m	Grid 6 M4 31.47 dBV/m
Grid 7 M4 31.94 dBV/m	Grid 8 M4 32.72 dBV/m	Grid 9 M4 31.05 dBV/m



0 dB = 43.94 V/m = 32.86 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 = 9.313 V/m; Power Drift = -0.25 dB

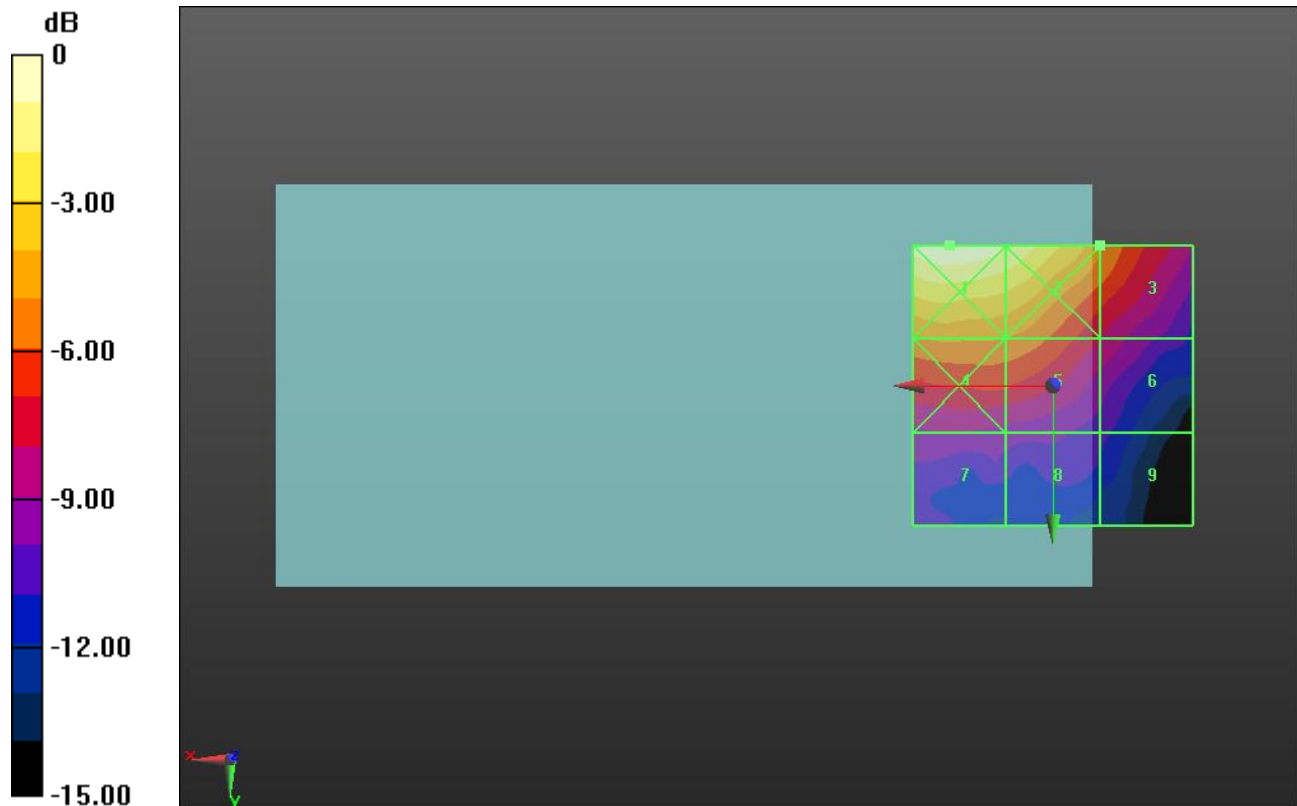
Applied MIF = 3.26 dB

RF audio interference level = 22.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.8 dBV/m	Grid 2 M4 26.95 dBV/m	Grid 3 M4 22.99 dBV/m
Grid 4 M4 23.05 dBV/m	Grid 5 M4 22.81 dBV/m	Grid 6 M4 19.81 dBV/m
Grid 7 M4 18.79 dBV/m	Grid 8 M4 18.48 dBV/m	Grid 9 M4 17.2 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.391 V/m; Power Drift = -0.07 dB

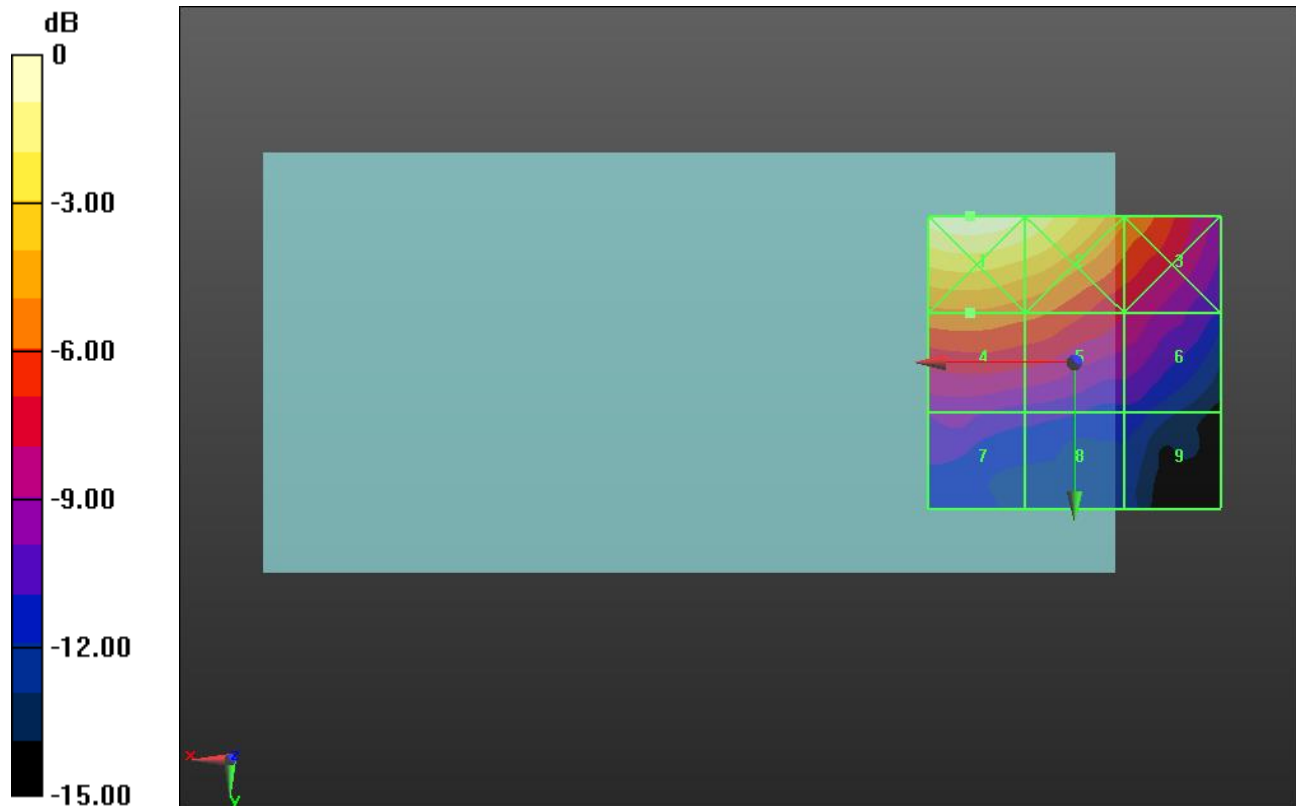
Applied MIF = 3.26 dB

RF audio interference level = 23.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.45 dBV/m	Grid 2 M4 27.51 dBV/m	Grid 3 M4 23.76 dBV/m
Grid 4 M4 23.31 dBV/m	Grid 5 M4 22.83 dBV/m	Grid 6 M4 20.48 dBV/m
Grid 7 M4 19.03 dBV/m	Grid 8 M4 18.05 dBV/m	Grid 9 M4 17.22 dBV/m



0 dB = 26.44 V/m = 28.45 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.085 V/m; Power Drift = -0.14 dB

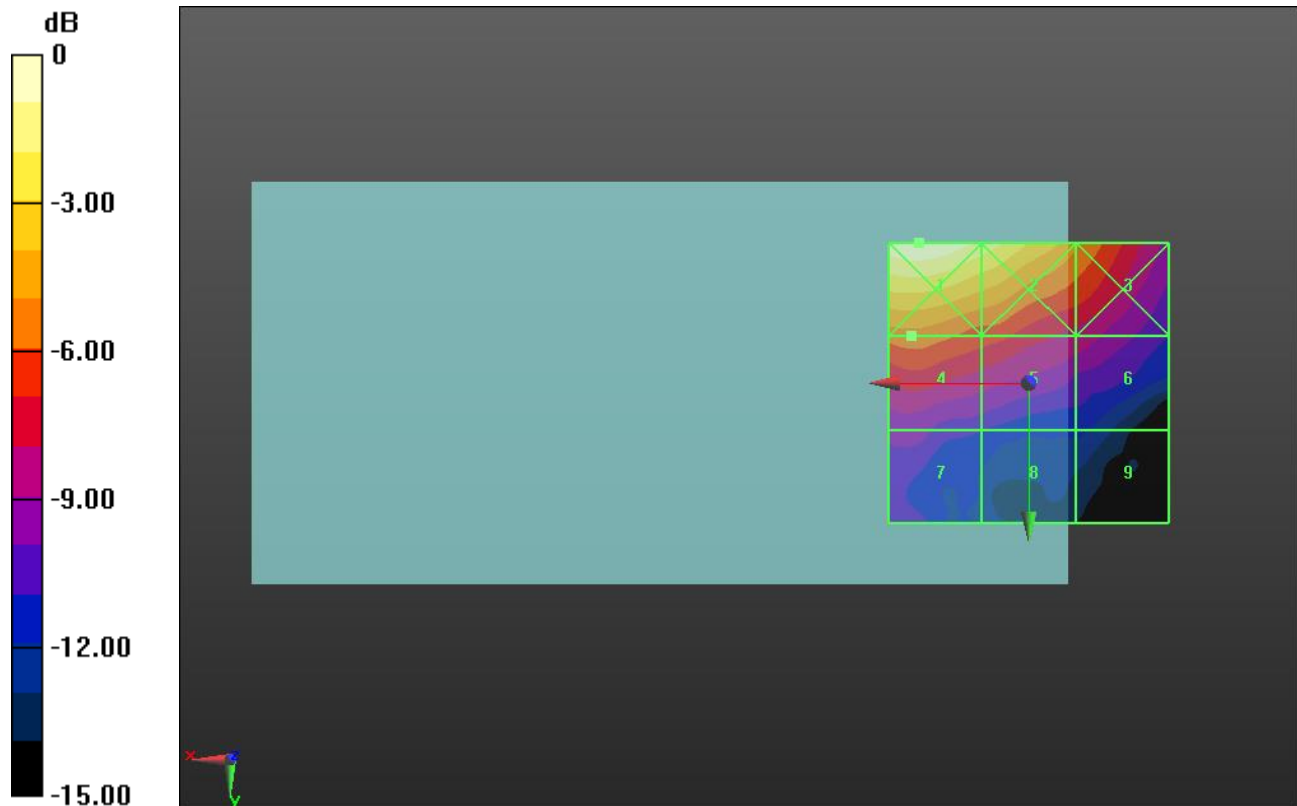
Applied MIF = 3.26 dB

RF audio interference level = 23.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.76 dBV/m	Grid 2 M4 27.52 dBV/m	Grid 3 M4 24 dBV/m
Grid 4 M4 23.42 dBV/m	Grid 5 M4 22.33 dBV/m	Grid 6 M4 20.46 dBV/m
Grid 7 M4 19.3 dBV/m	Grid 8 M4 17.84 dBV/m	Grid 9 M4 17.02 dBV/m



0 dB = 27.41 V/m = 28.76 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 = 55.07 V/m; Power Drift = 0.01 dB

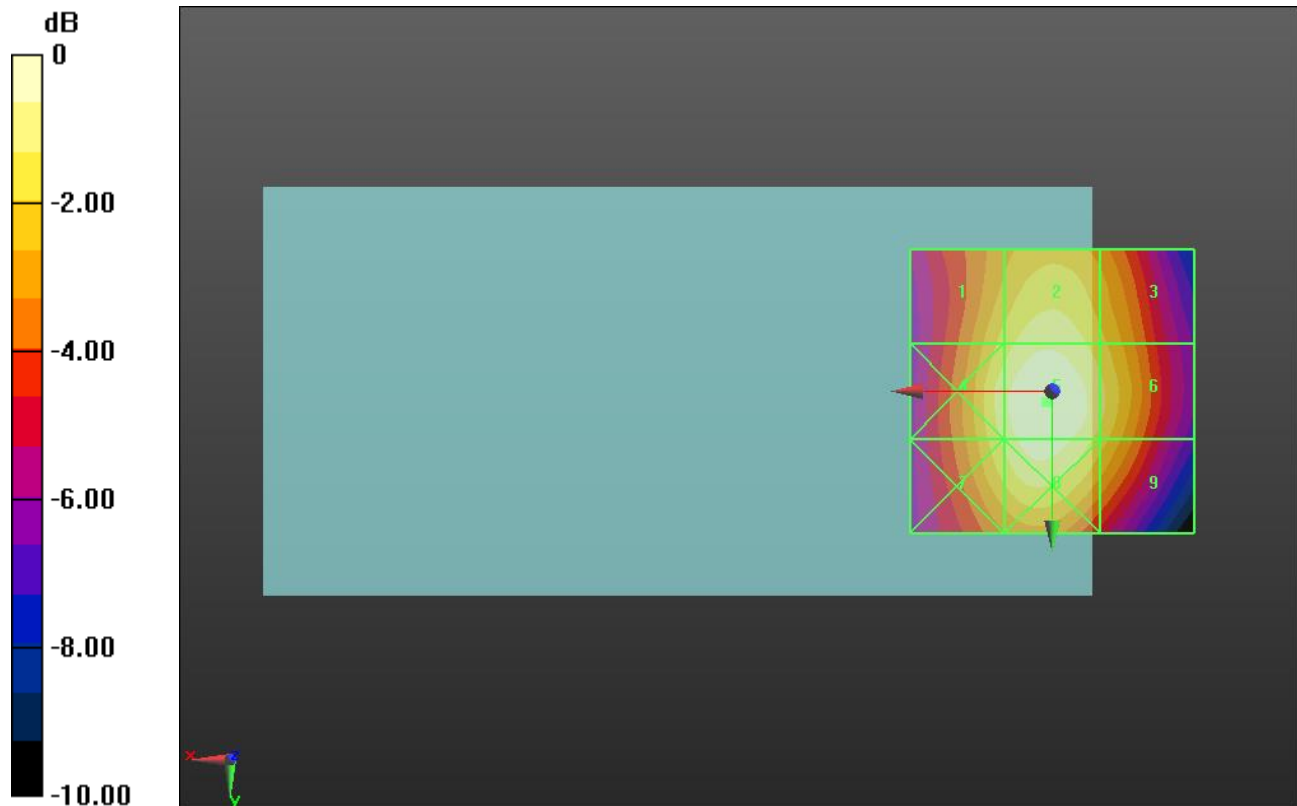
Applied MIF = 3.26 dB

RF audio interference level = 32.96 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.27 dBV/m	Grid 2 M4 32.18 dBV/m	Grid 3 M4 31.2 dBV/m
Grid 4 M4 32.12 dBV/m	Grid 5 M4 32.96 dBV/m	Grid 6 M4 31.83 dBV/m
Grid 7 M4 31.77 dBV/m	Grid 8 M4 32.67 dBV/m	Grid 9 M4 31.32 dBV/m



0 dB = 44.47 V/m = 32.96 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 = 55.43 V/m; Power Drift = 0.06 dB

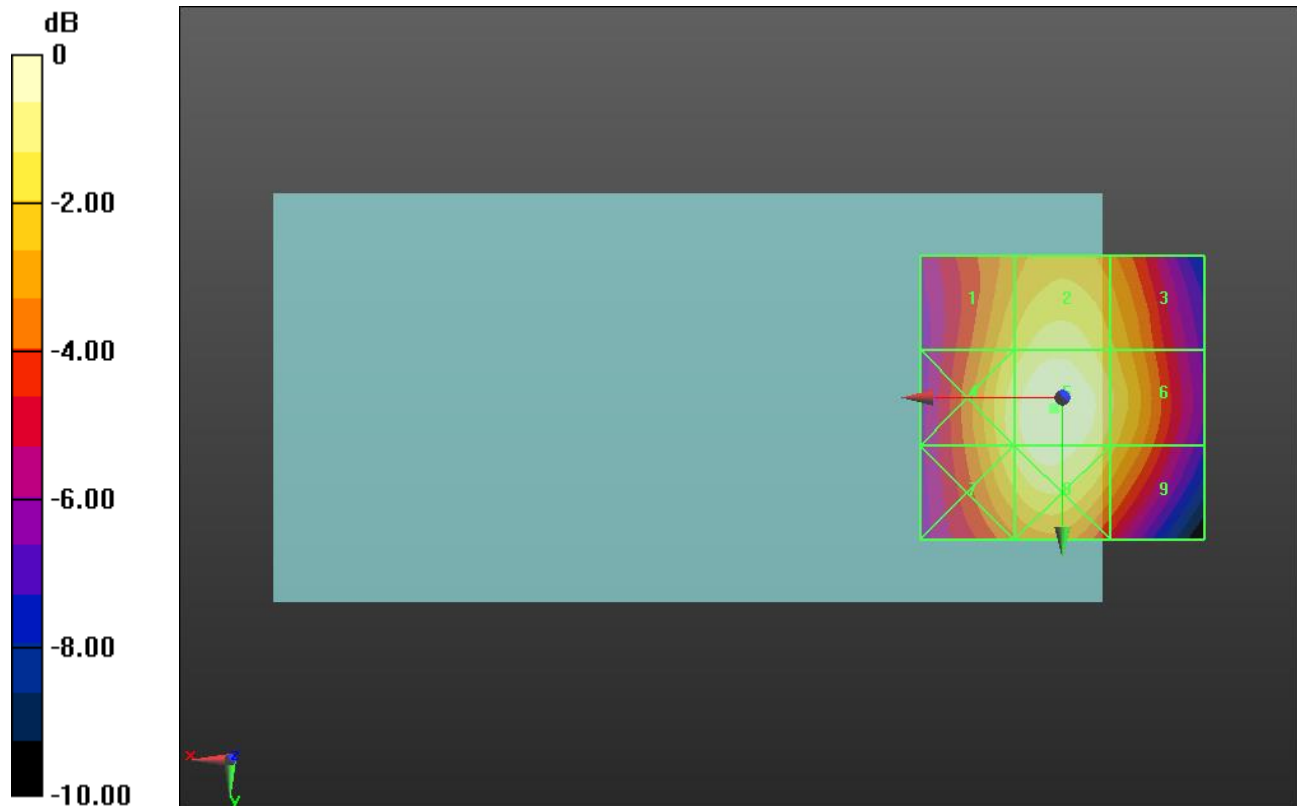
Applied MIF = 3.26 dB

RF audio interference level = 33.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.34 dBV/m	Grid 2 M4 32.28 dBV/m	Grid 3 M4 31.29 dBV/m
Grid 4 M4 32.23 dBV/m	Grid 5 M4 33.11 dBV/m	Grid 6 M4 31.93 dBV/m
Grid 7 M4 31.96 dBV/m	Grid 8 M4 32.8 dBV/m	Grid 9 M4 31.37 dBV/m



0 dB = 45.24 V/m = 33.11 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 = 55.83 V/m; Power Drift = 0.05 dB

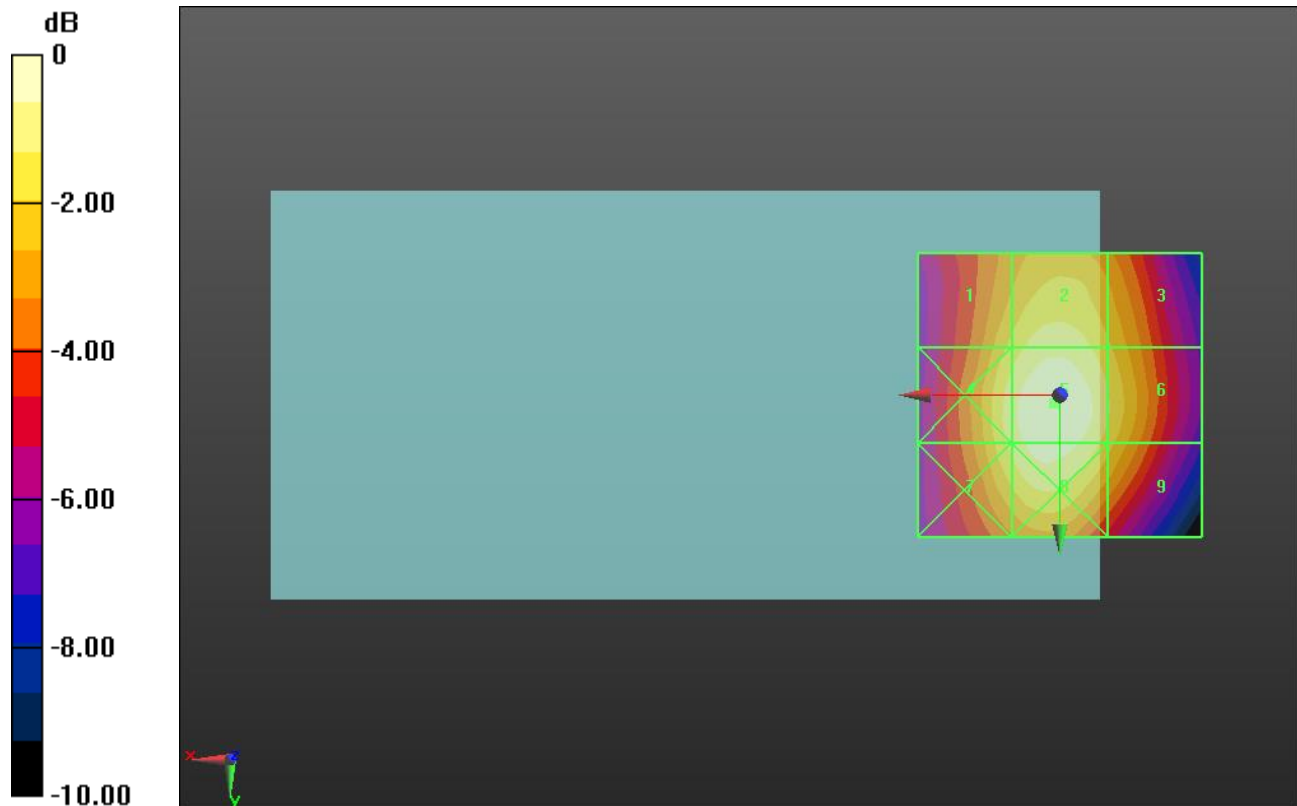
Applied MIF = 3.26 dB

RF audio interference level = 33.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.4 dBV/m	Grid 2 M4 32.33 dBV/m	Grid 3 M4 31.31 dBV/m
Grid 4 M4 32.29 dBV/m	Grid 5 M4 33.18 dBV/m	Grid 6 M4 31.93 dBV/m
Grid 7 M4 32.05 dBV/m	Grid 8 M4 32.85 dBV/m	Grid 9 M4 31.47 dBV/m



0 dB = 45.60 V/m = 33.18 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 = 34.23 V/m; Power Drift = -0.00 dB

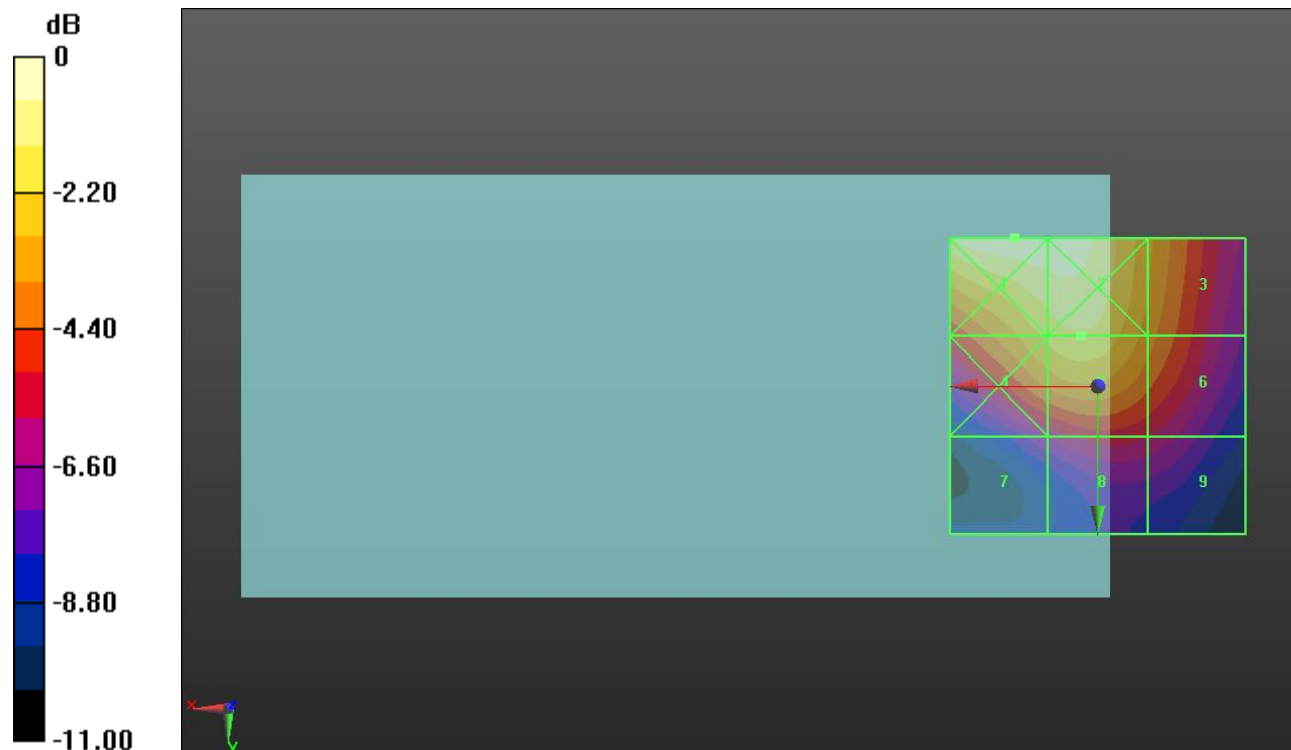
Applied MIF = -1.44 dB

RF audio interference level = 27.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.55 dBV/m	Grid 2 M4 29.46 dBV/m	Grid 3 M4 26.8 dBV/m
Grid 4 M4 27.53 dBV/m	Grid 5 M4 27.98 dBV/m	Grid 6 M4 26.22 dBV/m
Grid 7 M4 23.08 dBV/m	Grid 8 M4 24.13 dBV/m	Grid 9 M4 23.68 dBV/m



0 dB = 30.04 V/m = 29.55 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 = 39.01 V/m; Power Drift = -0.03 dB

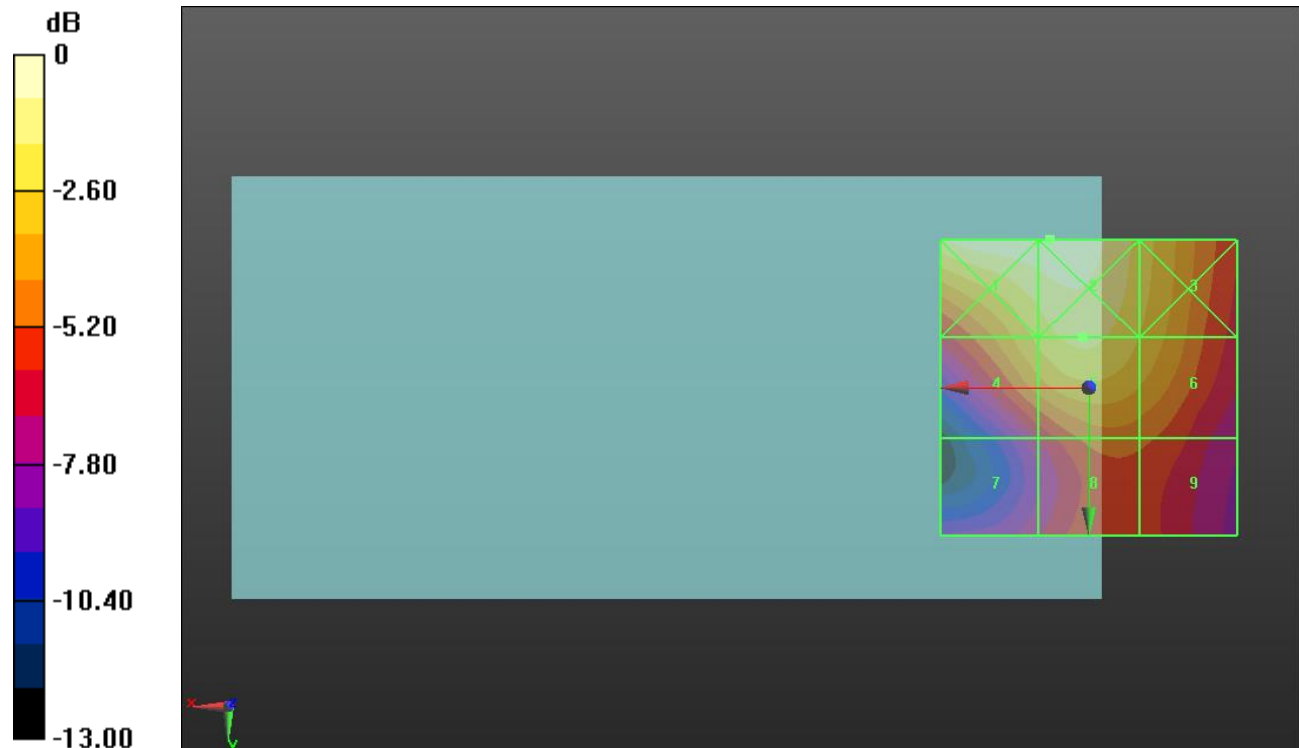
Applied MIF = -1.44 dB

RF audio interference level = 28.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.87 dBV/m	Grid 2 M4 29.89 dBV/m	Grid 3 M4 27.84 dBV/m
Grid 4 M4 27.52 dBV/m	Grid 5 M4 28.37 dBV/m	Grid 6 M4 27.27 dBV/m
Grid 7 M4 23.07 dBV/m	Grid 8 M4 25.2 dBV/m	Grid 9 M4 25 dBV/m



0 dB = 31.21 V/m = 29.89 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 42.00 V/m; Power Drift = 0.01 dB

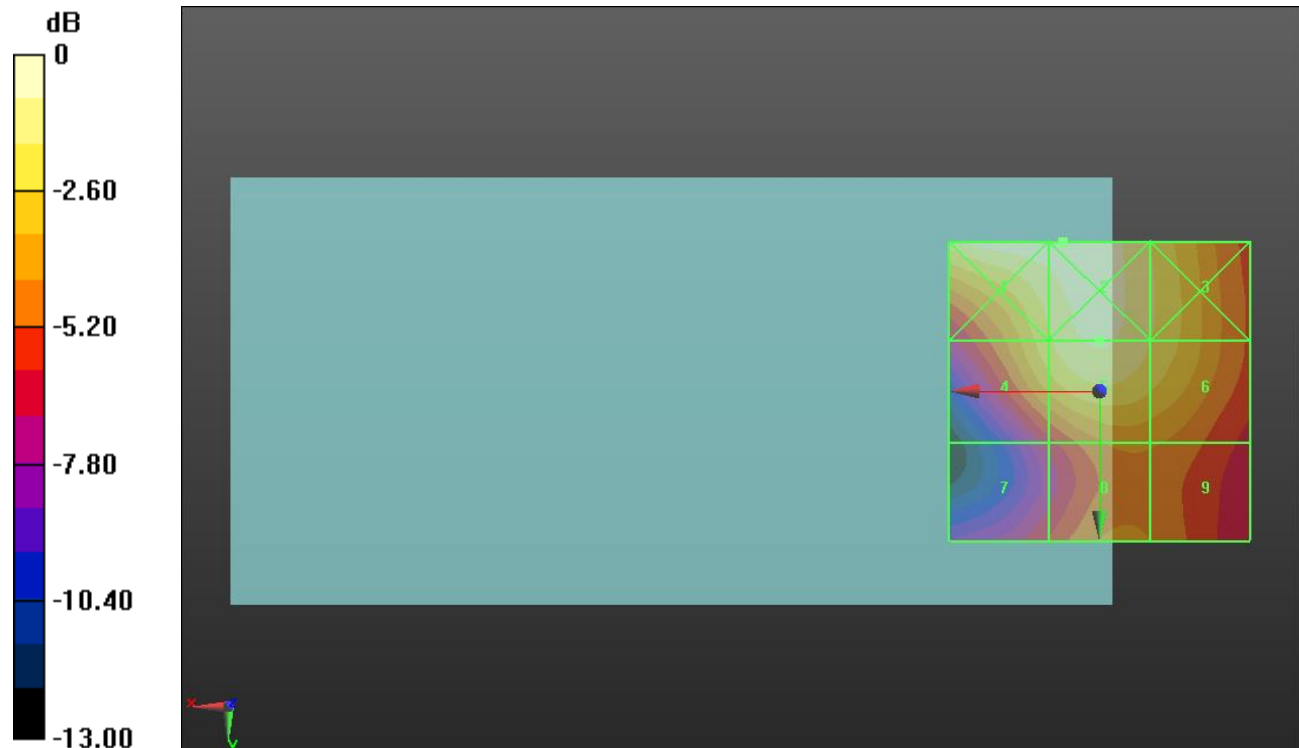
Applied MIF = -1.44 dB

RF audio interference level = 28.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.32 dBV/m	Grid 2 M4 29.37 dBV/m	Grid 3 M4 27.8 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 28.61 dBV/m	Grid 6 M4 27.66 dBV/m
Grid 7 M4 23.46 dBV/m	Grid 8 M4 25.33 dBV/m	Grid 9 M4 25.21 dBV/m



0 dB = 29.42 V/m = 29.37 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 = 41.38 V/m; Power Drift = -0.01 dB

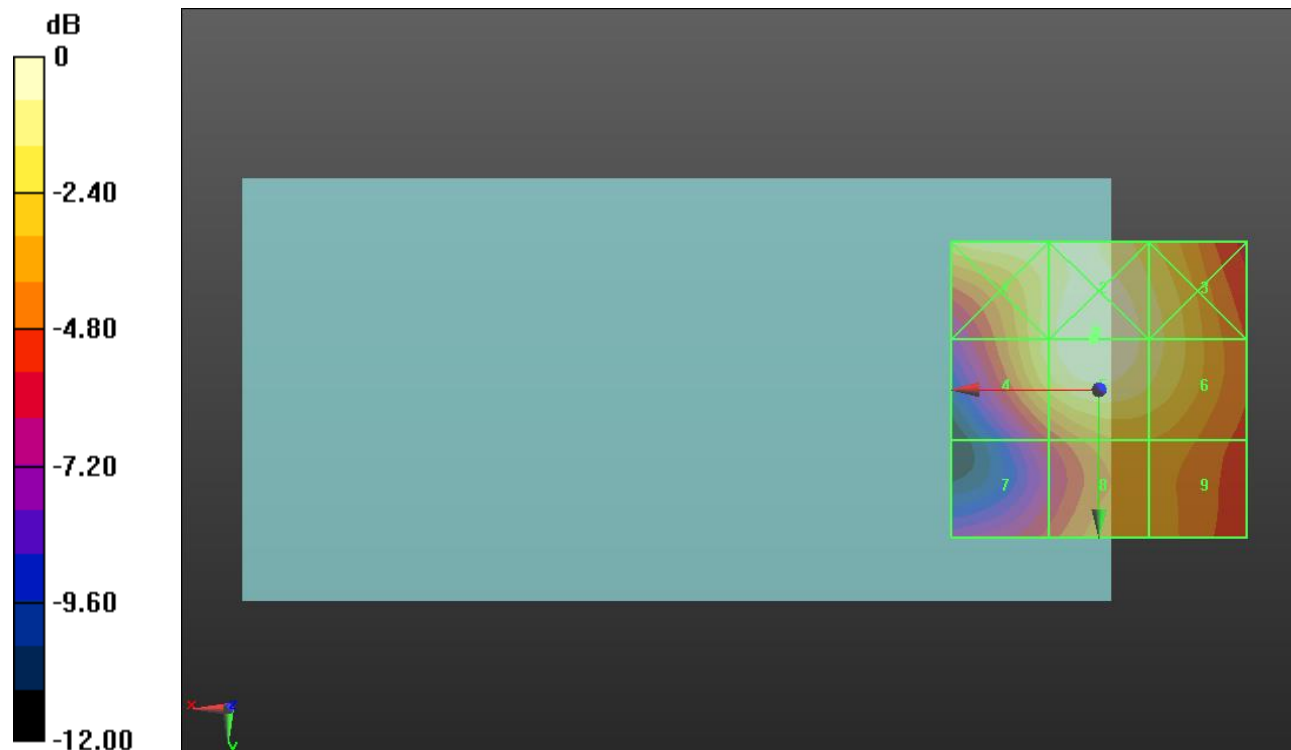
Applied MIF = -1.44 dB

RF audio interference level = 27.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.22 dBV/m	Grid 2 M4 27.86 dBV/m	Grid 3 M4 26.74 dBV/m
Grid 4 M4 26.69 dBV/m	Grid 5 M4 27.85 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M4 22.66 dBV/m	Grid 8 M4 24.71 dBV/m	Grid 9 M4 24.66 dBV/m



0 dB = 24.71 V/m = 27.86 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 = 38.01 V/m; Power Drift = 0.03 dB

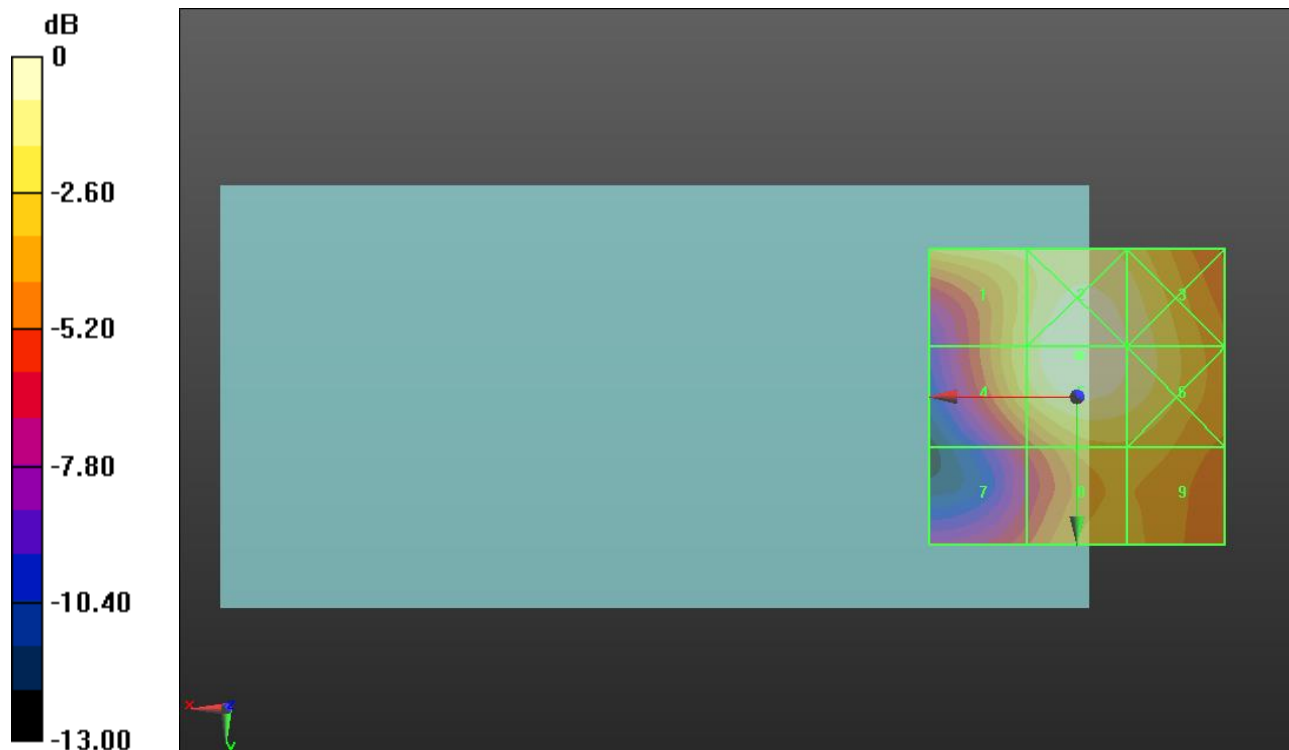
Applied MIF = -1.44 dB

RF audio interference level = 26.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.24 dBV/m	Grid 2 M4 26.5 dBV/m	Grid 3 M4 25.64 dBV/m
Grid 4 M4 24.98 dBV/m	Grid 5 M4 26.51 dBV/m	Grid 6 M4 25.69 dBV/m
Grid 7 M4 21.19 dBV/m	Grid 8 M4 23.77 dBV/m	Grid 9 M4 23.74 dBV/m



0 dB = 21.17 V/m = 26.51 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 12.72 V/m; Power Drift = 0.08 dB

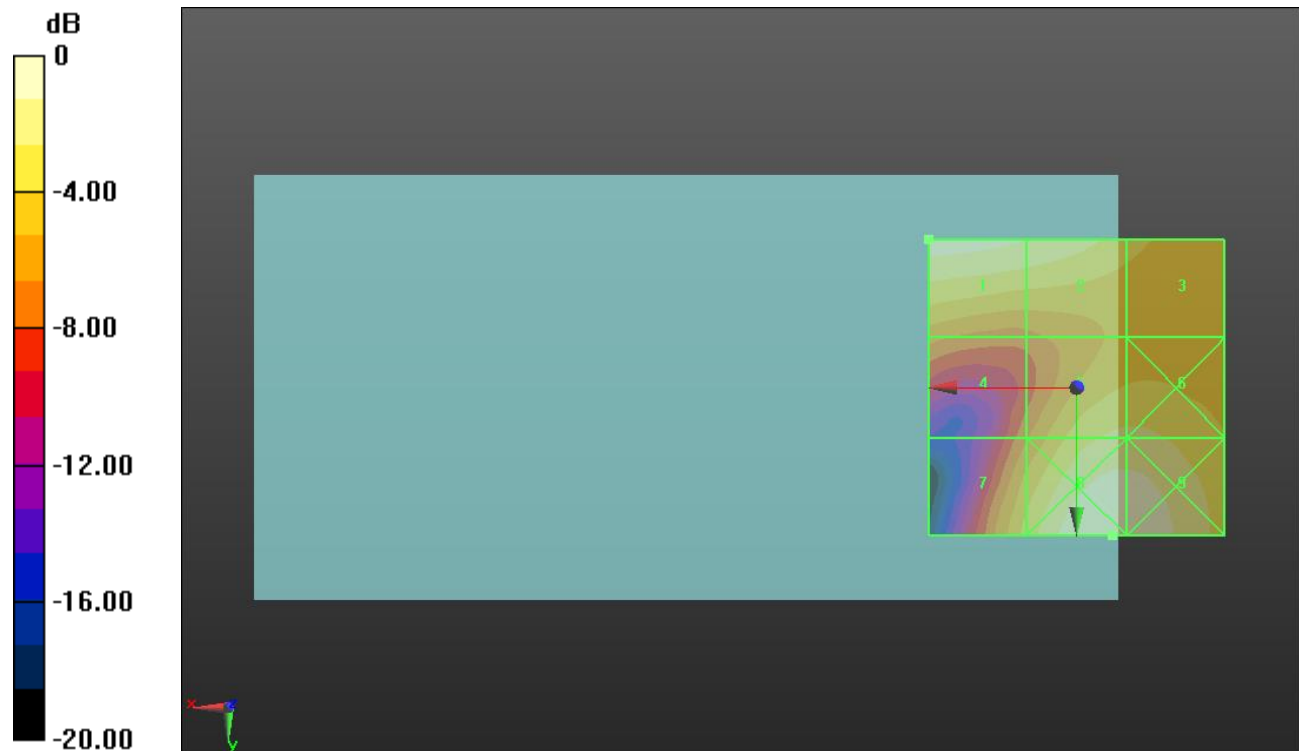
Applied MIF = 3.63 dB

RF audio interference level = 28.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.21 dBV/m	Grid 2 M4 27.38 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 22.61 dBV/m	Grid 5 M4 26.41 dBV/m	Grid 6 M4 26.42 dBV/m
Grid 7 M4 25.27 dBV/m	Grid 8 M4 28.71 dBV/m	Grid 9 M4 28.58 dBV/m



0 dB = 27.27 V/m = 28.71 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 = 13.40 V/m; Power Drift = -0.49 dB

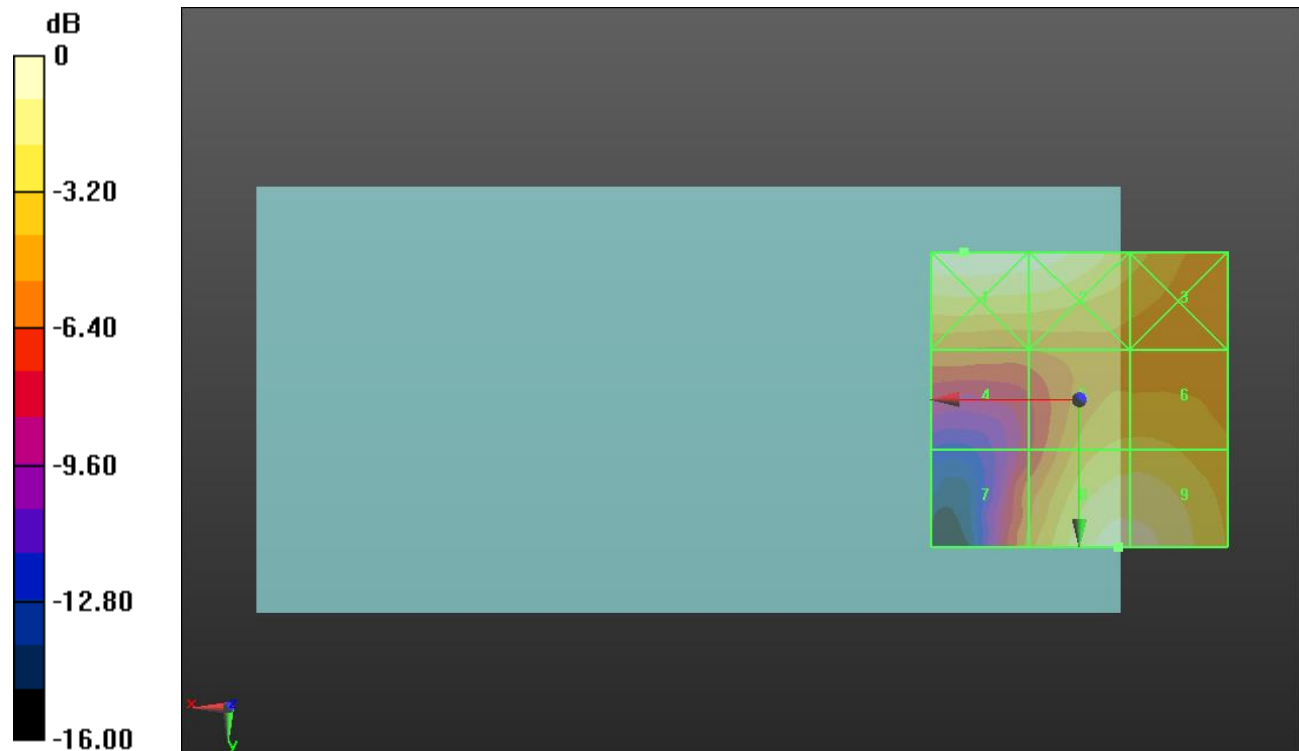
Applied MIF = 3.63 dB

RF audio interference level = 28.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.01 dBV/m	Grid 2 M4 28.66 dBV/m	Grid 3 M4 26.36 dBV/m
Grid 4 M4 23.73 dBV/m	Grid 5 M4 26.22 dBV/m	Grid 6 M4 26.25 dBV/m
Grid 7 M4 24.3 dBV/m	Grid 8 M4 28.34 dBV/m	Grid 9 M4 28.28 dBV/m



0 dB = 28.21 V/m = 29.01 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 = 12.73 V/m; Power Drift = -0.04 dB

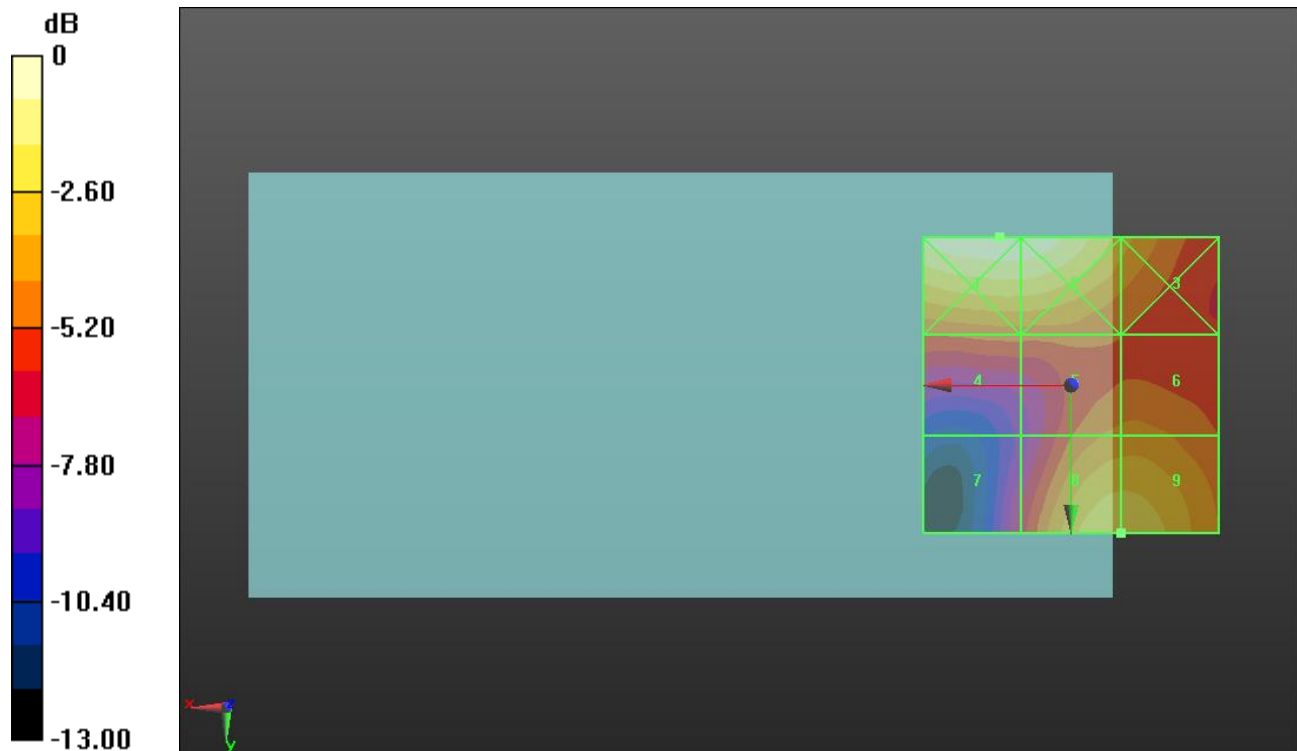
Applied MIF = 3.63 dB

RF audio interference level = 27.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.81 dBV/m	Grid 2 M4 29.71 dBV/m	Grid 3 M4 26.78 dBV/m
Grid 4 M4 25 dBV/m	Grid 5 M4 25.8 dBV/m	Grid 6 M4 25.86 dBV/m
Grid 7 M4 23.22 dBV/m	Grid 8 M4 27.96 dBV/m	Grid 9 M4 27.96 dBV/m



0 dB = 30.95 V/m = 29.81 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 = 13.23 V/m; Power Drift = -0.04 dB

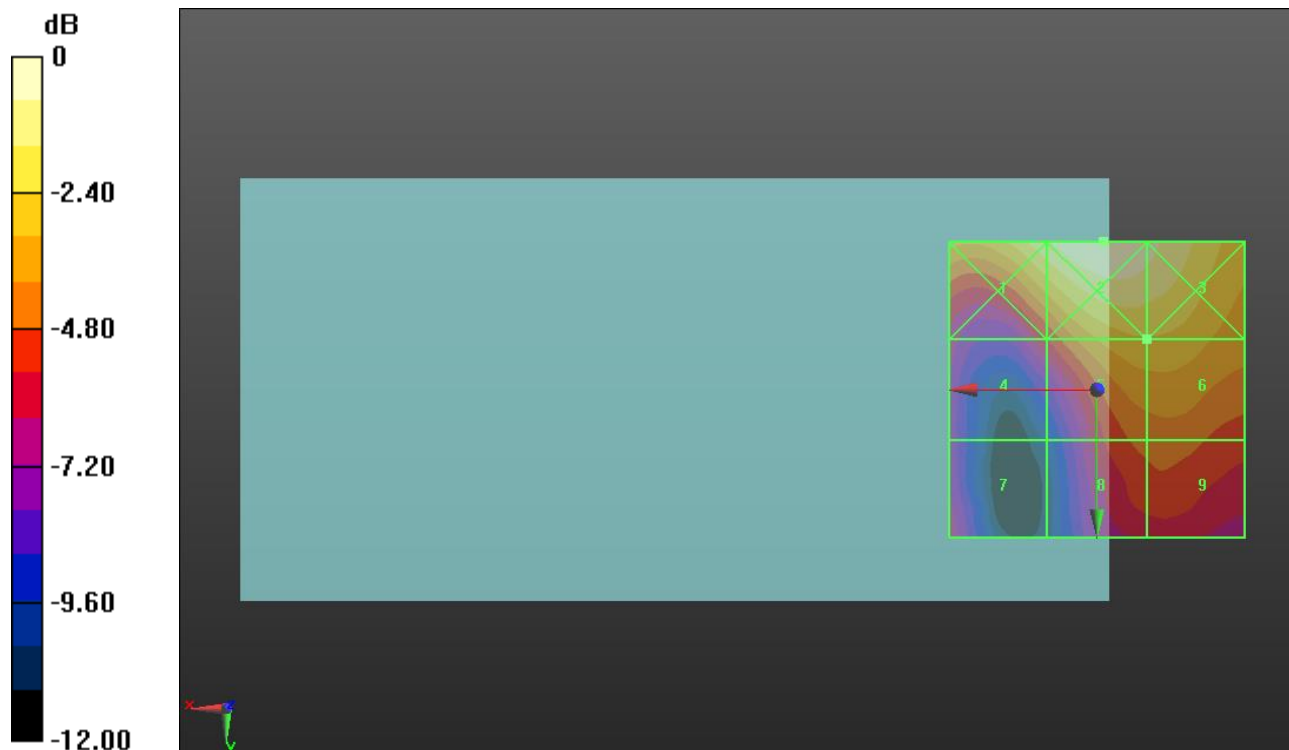
Applied MIF = -1.44 dB

RF audio interference level = 21.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.11 dBV/m	Grid 2 M4 24.06 dBV/m	Grid 3 M4 23.52 dBV/m
Grid 4 M4 18.43 dBV/m	Grid 5 M4 21.58 dBV/m	Grid 6 M4 21.58 dBV/m
Grid 7 M4 17.68 dBV/m	Grid 8 M4 19.57 dBV/m	Grid 9 M4 19.68 dBV/m



0 dB = 15.95 V/m = 24.06 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_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 = 10.07 V/m; Power Drift = 0.14 dB

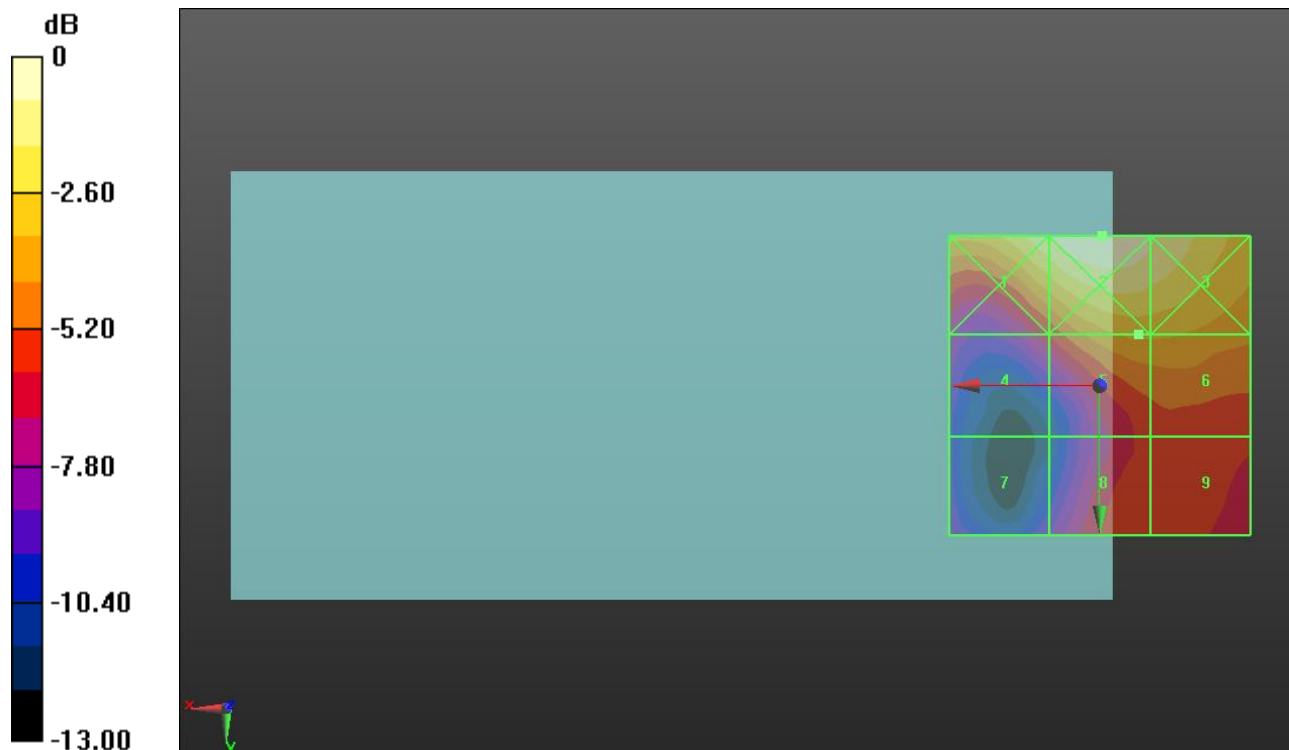
Applied MIF = -1.44 dB

RF audio interference level = 20.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.73 dBV/m	Grid 2 M4 23.66 dBV/m	Grid 3 M4 22.92 dBV/m
Grid 4 M4 17.57 dBV/m	Grid 5 M4 20.38 dBV/m	Grid 6 M4 20.36 dBV/m
Grid 7 M4 15.38 dBV/m	Grid 8 M4 18.31 dBV/m	Grid 9 M4 18.33 dBV/m



0 dB = 15.23 V/m = 23.65 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 = 10.94 V/m; Power Drift = 0.06 dB

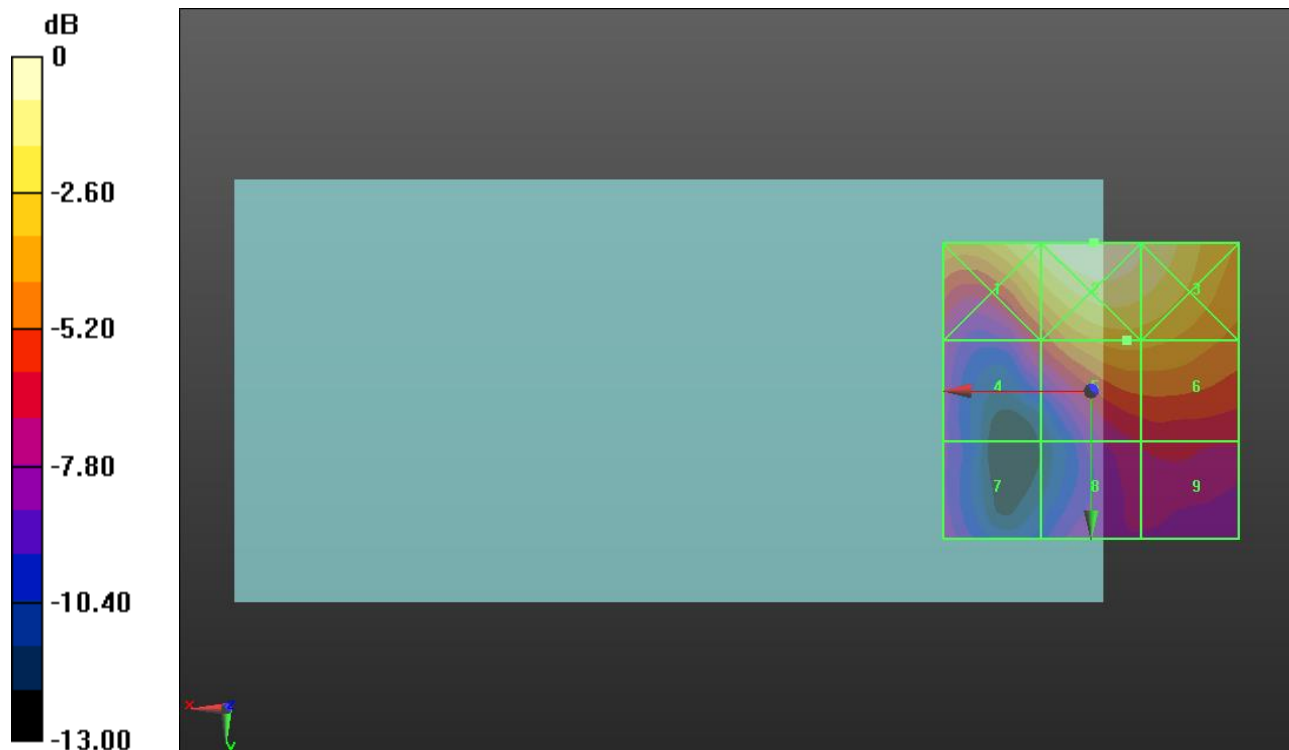
Applied MIF = -1.44 dB

RF audio interference level = 20.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.81 dBV/m	Grid 2 M4 23.87 dBV/m	Grid 3 M4 23.12 dBV/m
Grid 4 M4 17.91 dBV/m	Grid 5 M4 20.82 dBV/m	Grid 6 M4 20.72 dBV/m
Grid 7 M4 16.11 dBV/m	Grid 8 M4 17.11 dBV/m	Grid 9 M4 17.34 dBV/m



0 dB = 15.61 V/m = 23.87 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 13.28 V/m; Power Drift = 0.01 dB

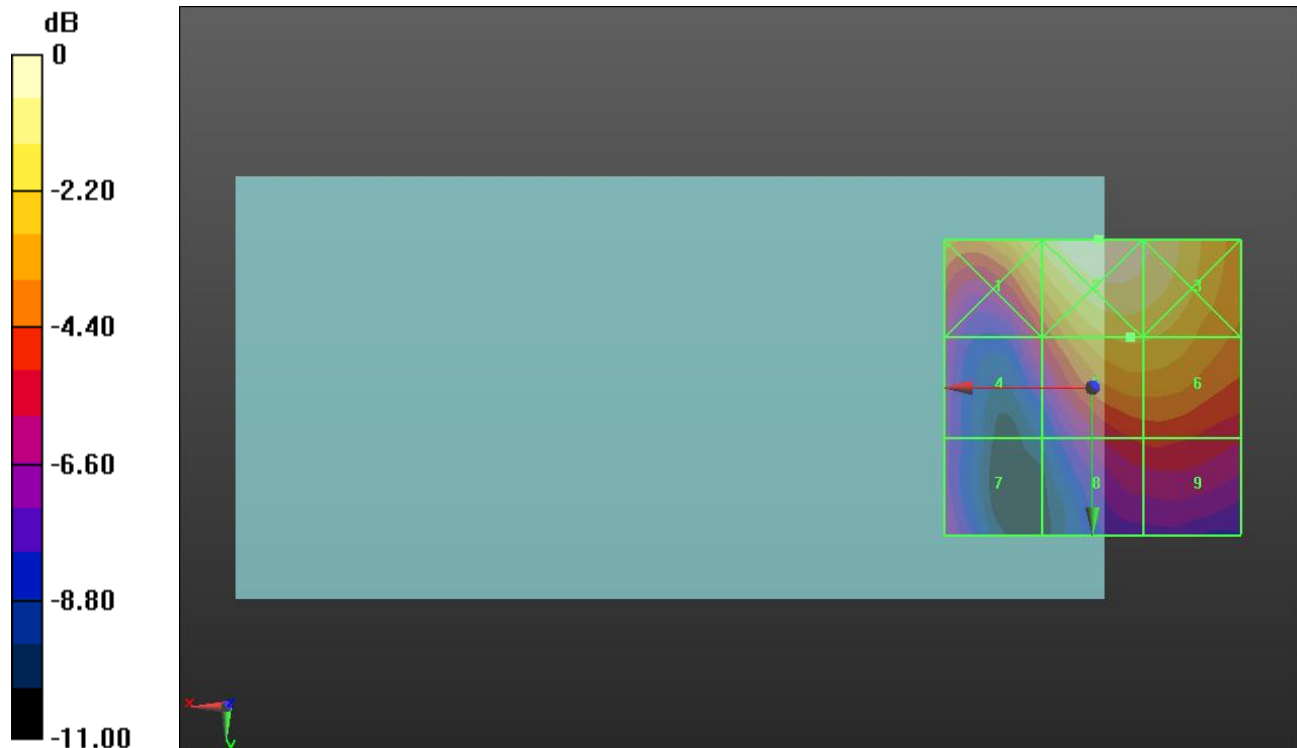
Applied MIF = -1.44 dB

RF audio interference level = 21.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.62 dBV/m	Grid 2 M4 23.74 dBV/m	Grid 3 M4 23.17 dBV/m
Grid 4 M4 18.54 dBV/m	Grid 5 M4 21.7 dBV/m	Grid 6 M4 21.64 dBV/m
Grid 7 M4 17.13 dBV/m	Grid 8 M4 18.8 dBV/m	Grid 9 M4 18.89 dBV/m



0 dB = 15.37 V/m = 23.73 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 10.92 V/m; Power Drift = -0.00 dB

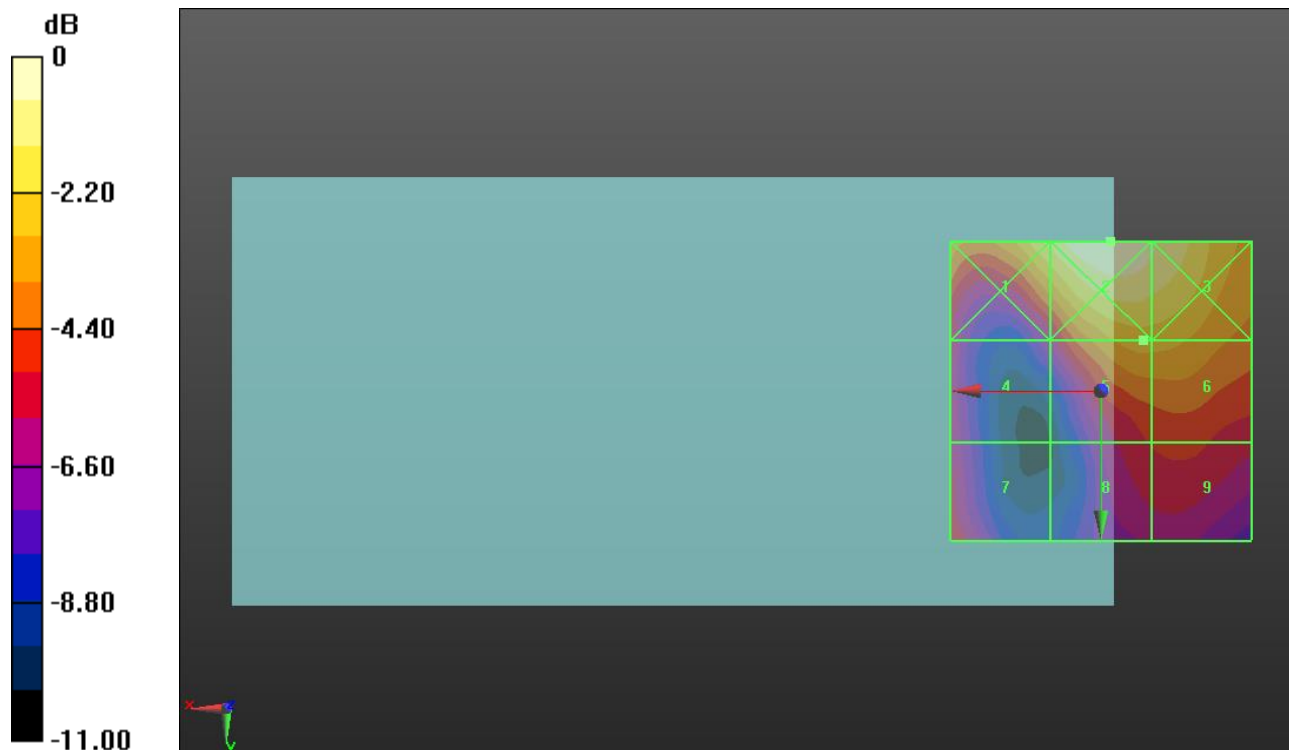
Applied MIF = -1.44 dB

RF audio interference level = 20.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.72 dBV/m	Grid 2 M4 22.93 dBV/m	Grid 3 M4 22.34 dBV/m
Grid 4 M4 17.31 dBV/m	Grid 5 M4 20.37 dBV/m	Grid 6 M4 20.34 dBV/m
Grid 7 M4 17.84 dBV/m	Grid 8 M4 17.89 dBV/m	Grid 9 M4 18.09 dBV/m



0 dB = 14.01 V/m = 22.93 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 = 14.75 V/m; Power Drift = -0.00 dB

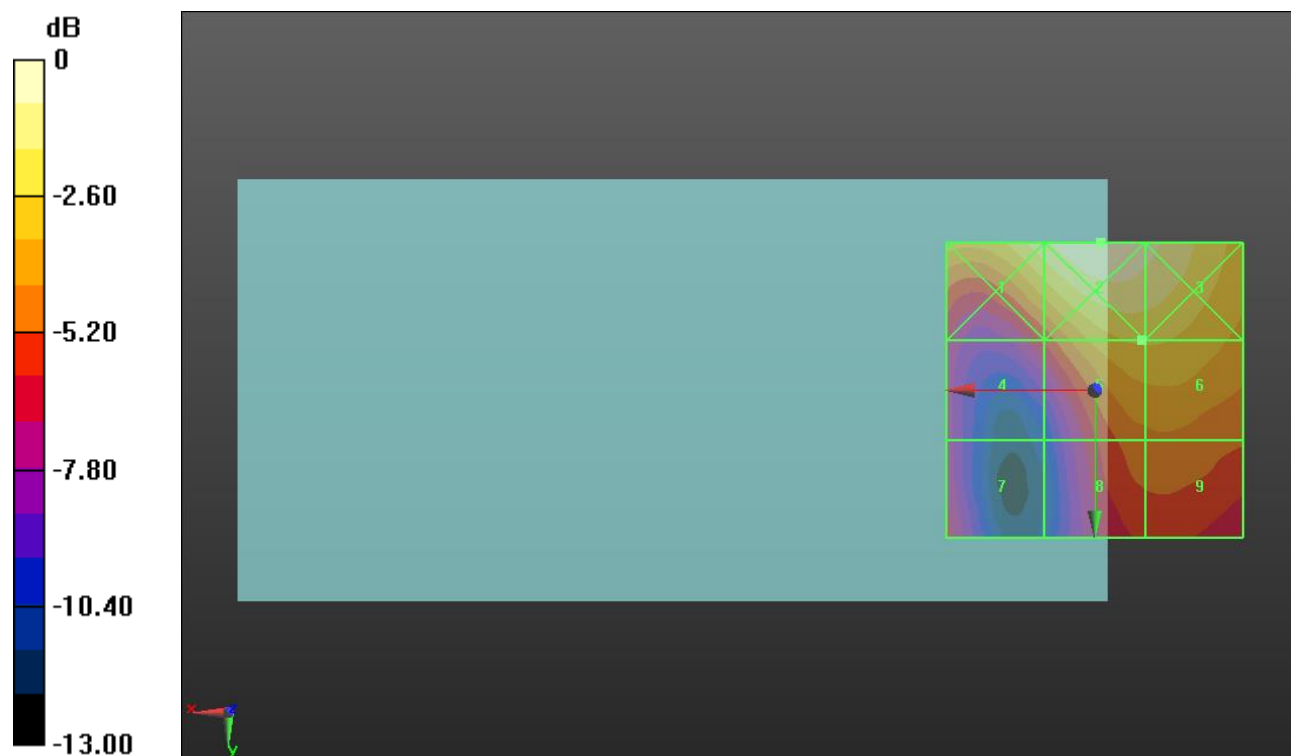
Applied MIF = -1.44 dB

RF audio interference level = 22.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.2 dBV/m	Grid 2 M4 25.25 dBV/m	Grid 3 M4 24.72 dBV/m
Grid 4 M4 19.41 dBV/m	Grid 5 M4 22.79 dBV/m	Grid 6 M4 22.79 dBV/m
Grid 7 M4 18.84 dBV/m	Grid 8 M4 20.7 dBV/m	Grid 9 M4 20.81 dBV/m



0 dB = 18.31 V/m = 25.25 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 = 11.58 V/m; Power Drift = -0.12 dB

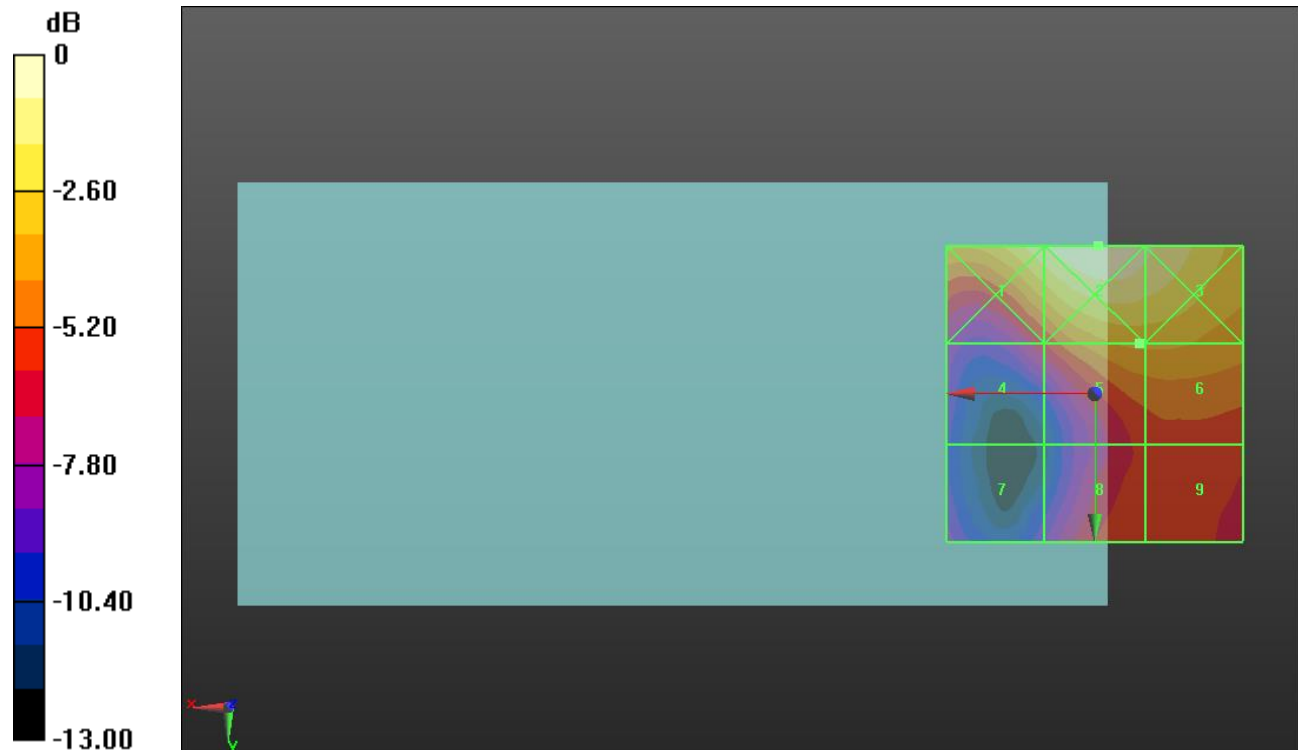
Applied MIF = -1.44 dB

RF audio interference level = 21.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.71 dBV/m	Grid 2 M4 24.68 dBV/m	Grid 3 M4 24.02 dBV/m
Grid 4 M4 18.62 dBV/m	Grid 5 M4 21.43 dBV/m	Grid 6 M4 21.43 dBV/m
Grid 7 M4 16.56 dBV/m	Grid 8 M4 19.28 dBV/m	Grid 9 M4 19.31 dBV/m



0 dB = 17.13 V/m = 24.68 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 = 12.40 V/m; Power Drift = 0.09 dB

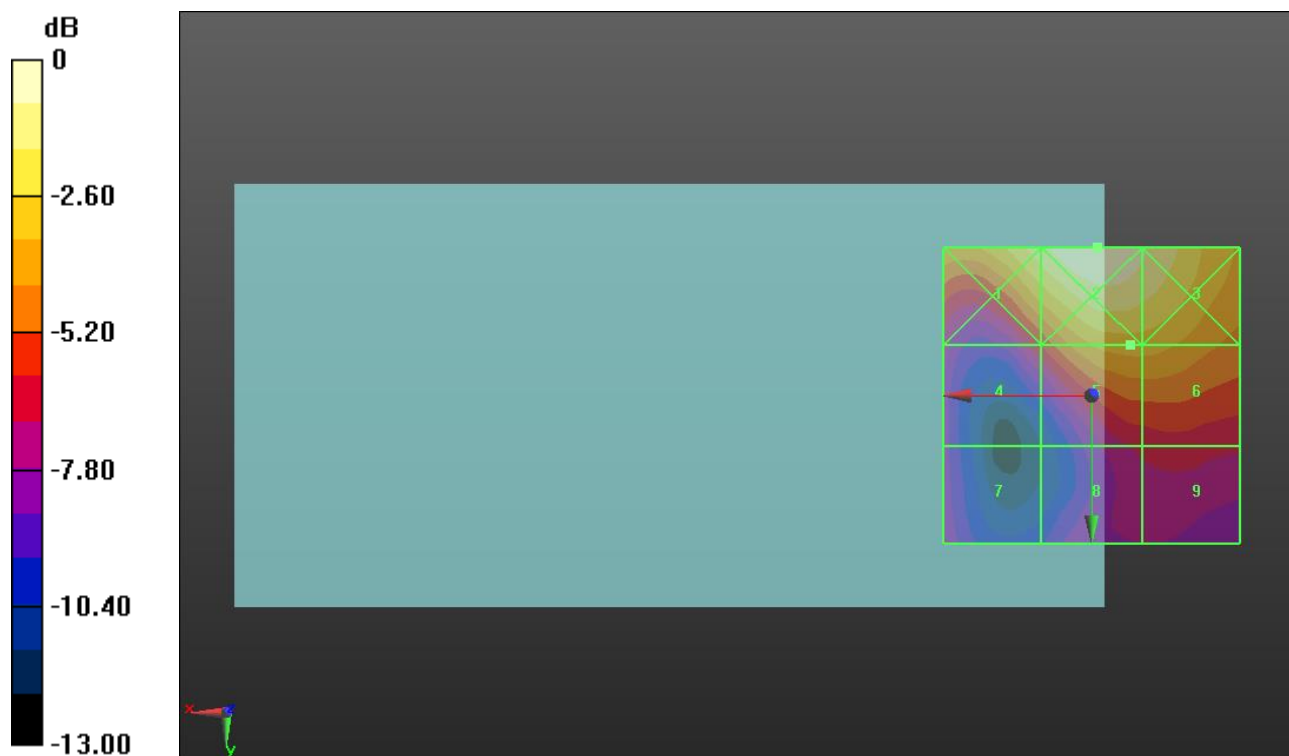
Applied MIF = -1.44 dB

RF audio interference level = 22.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.92 dBV/m	Grid 2 M4 25.03 dBV/m	Grid 3 M4 24.34 dBV/m
Grid 4 M4 19.04 dBV/m	Grid 5 M4 22 dBV/m	Grid 6 M4 21.97 dBV/m
Grid 7 M4 17.39 dBV/m	Grid 8 M4 18.41 dBV/m	Grid 9 M4 18.68 dBV/m



0 dB = 17.85 V/m = 25.03 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 15.13 V/m; Power Drift = -0.09 dB

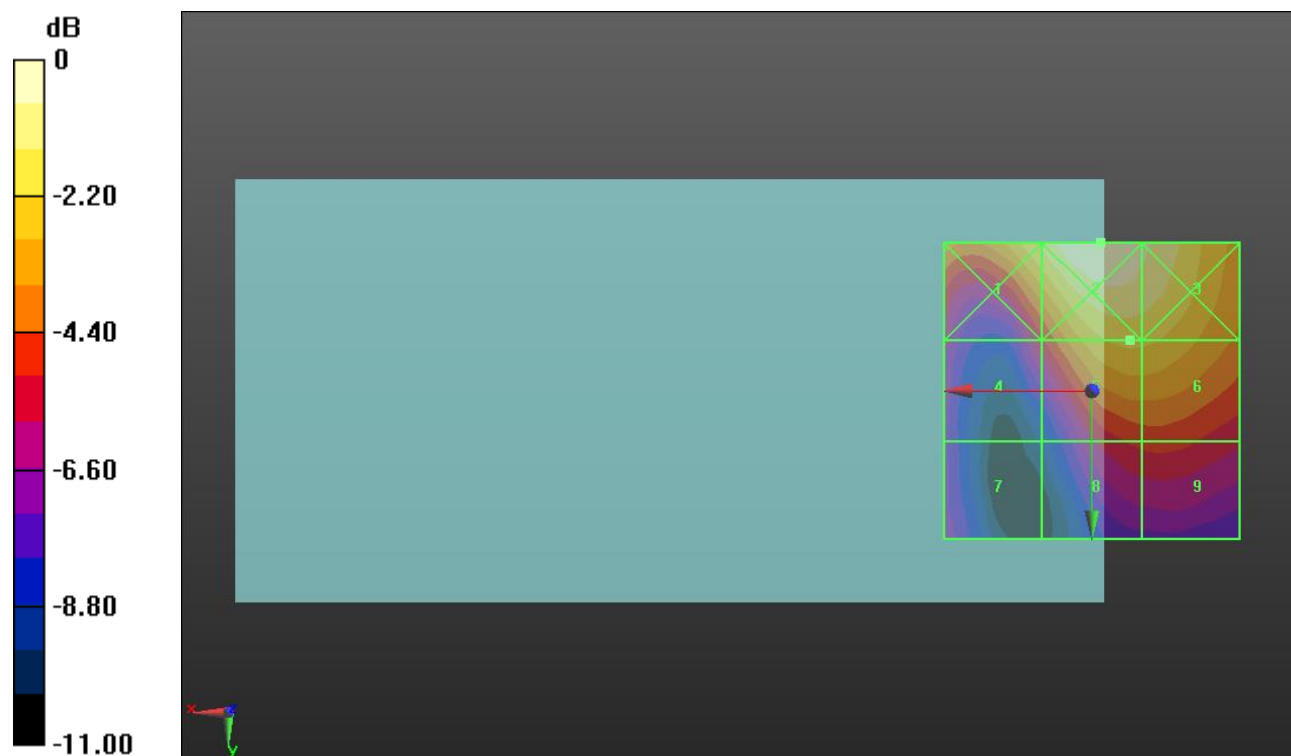
Applied MIF = -1.44 dB

RF audio interference level = 22.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.58 dBV/m	Grid 2 M4 24.83 dBV/m	Grid 3 M4 24.27 dBV/m
Grid 4 M4 19.48 dBV/m	Grid 5 M4 22.83 dBV/m	Grid 6 M4 22.78 dBV/m
Grid 7 M4 18.06 dBV/m	Grid 8 M4 19.95 dBV/m	Grid 9 M4 20.03 dBV/m



0 dB = 17.44 V/m = 24.83 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 = 12.37 V/m; Power Drift = -0.05 dB

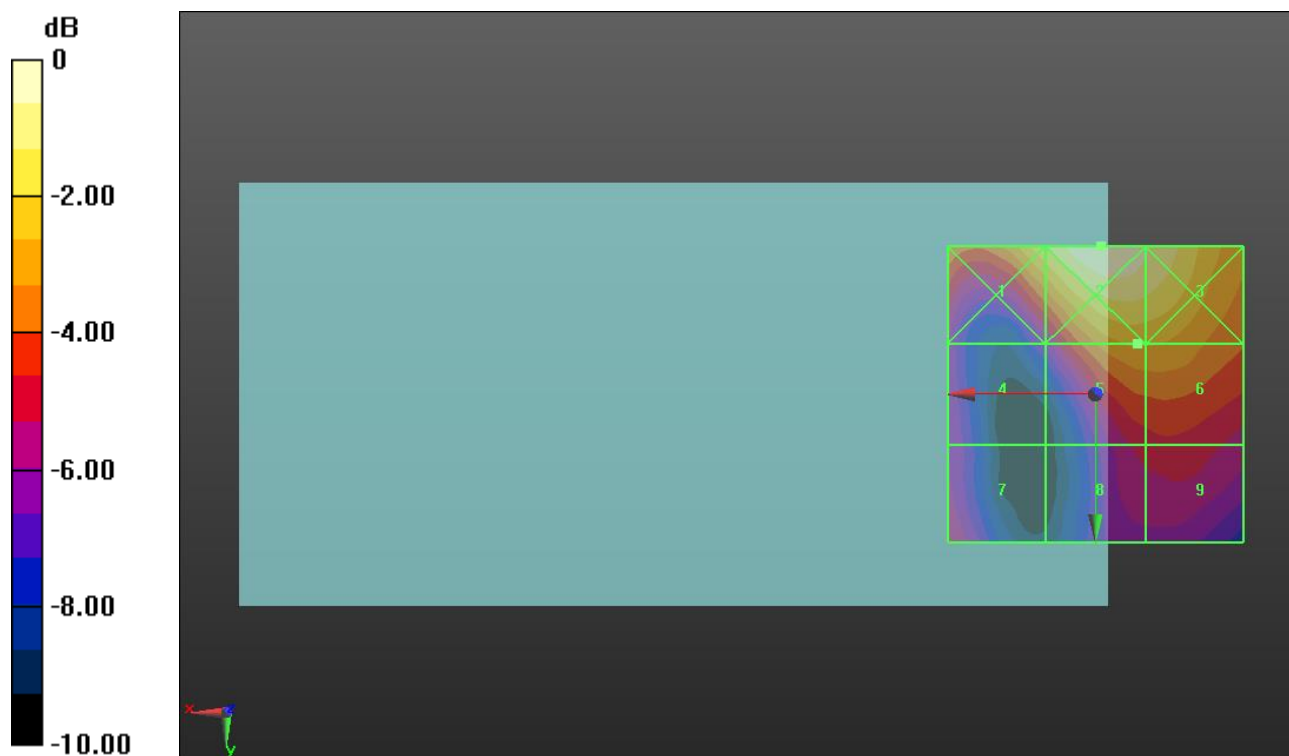
Applied MIF = -1.44 dB

RF audio interference level = 21.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.71 dBV/m	Grid 2 M4 24.05 dBV/m	Grid 3 M4 23.48 dBV/m
Grid 4 M4 18.26 dBV/m	Grid 5 M4 21.49 dBV/m	Grid 6 M4 21.46 dBV/m
Grid 7 M4 18.99 dBV/m	Grid 8 M4 19.08 dBV/m	Grid 9 M4 19.28 dBV/m



0 dB = 15.94 V/m = 24.05 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 = 22.54 V/m; Power Drift = -0.21 dB

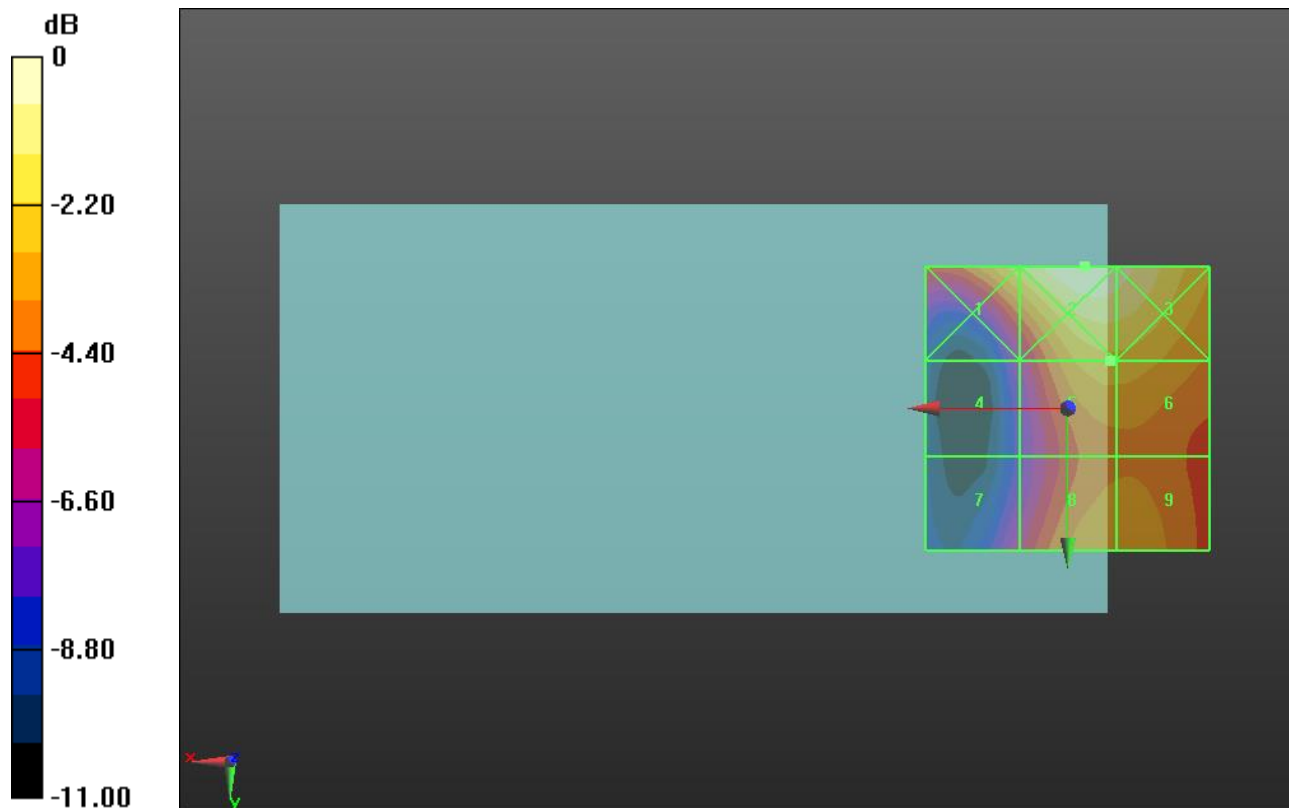
Applied MIF = -2.02 dB

RF audio interference level = 24.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.42 dBV/m	Grid 2 M4 26.95 dBV/m	Grid 3 M4 26.61 dBV/m
Grid 4 M4 20.46 dBV/m	Grid 5 M4 24.57 dBV/m	Grid 6 M4 24.56 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 23.95 dBV/m	Grid 9 M4 23.94 dBV/m



0 dB = 22.27 V/m = 26.95 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 = 21.62 V/m; Power Drift = 0.15 dB

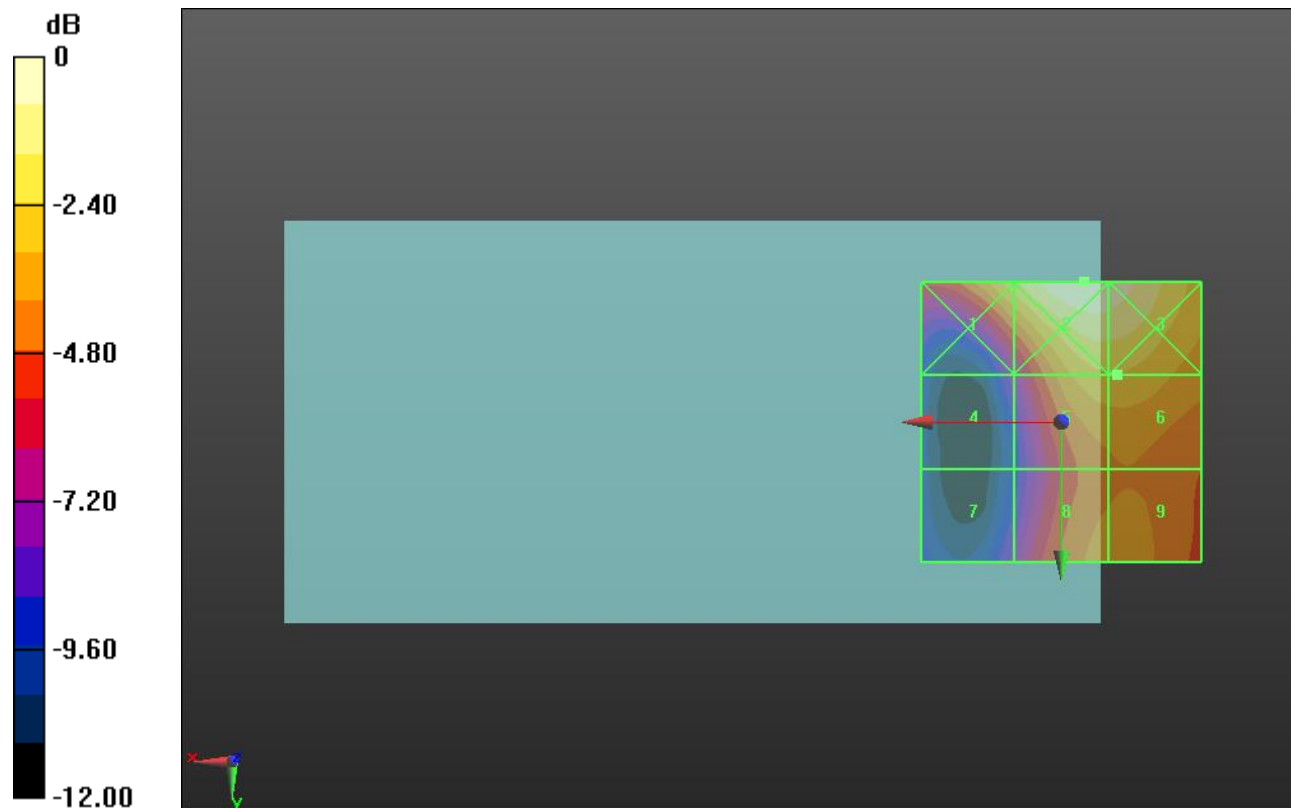
Applied MIF = -2.02 dB

RF audio interference level = 24.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.68 dBV/m	Grid 2 M4 27.44 dBV/m	Grid 3 M4 27.18 dBV/m
Grid 4 M4 20.16 dBV/m	Grid 5 M4 24.98 dBV/m	Grid 6 M4 24.99 dBV/m
Grid 7 M4 19.79 dBV/m	Grid 8 M4 23.78 dBV/m	Grid 9 M4 23.8 dBV/m



0 dB = 23.56 V/m = 27.44 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.96 V/m; Power Drift = -0.06 dB

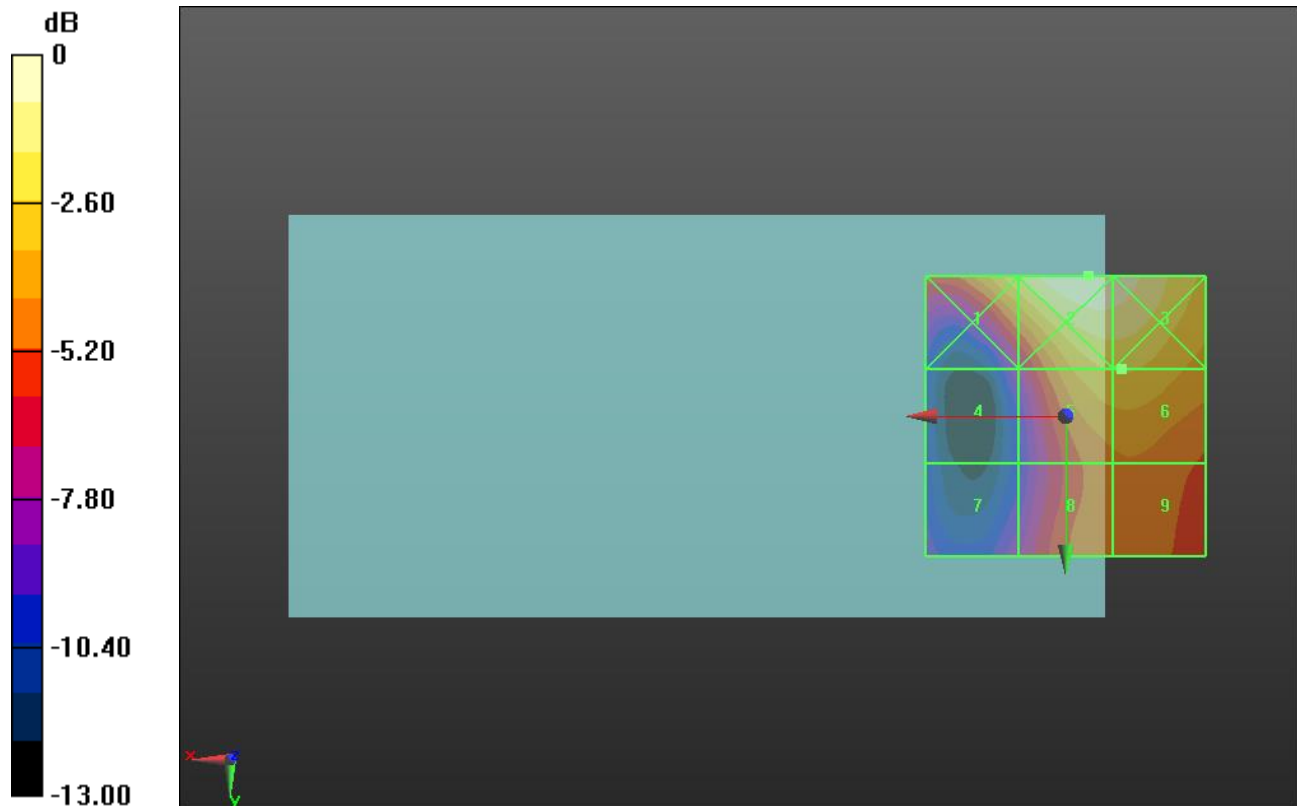
Applied MIF = -2.02 dB

RF audio interference level = 24.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.26 dBV/m	Grid 2 M4 26.95 dBV/m	Grid 3 M4 26.68 dBV/m
Grid 4 M4 19.3 dBV/m	Grid 5 M4 24.44 dBV/m	Grid 6 M4 24.46 dBV/m
Grid 7 M4 19.09 dBV/m	Grid 8 M4 22.46 dBV/m	Grid 9 M4 22.57 dBV/m



0 dB = 22.27 V/m = 26.95 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 = 19.56 V/m; Power Drift = -0.00 dB

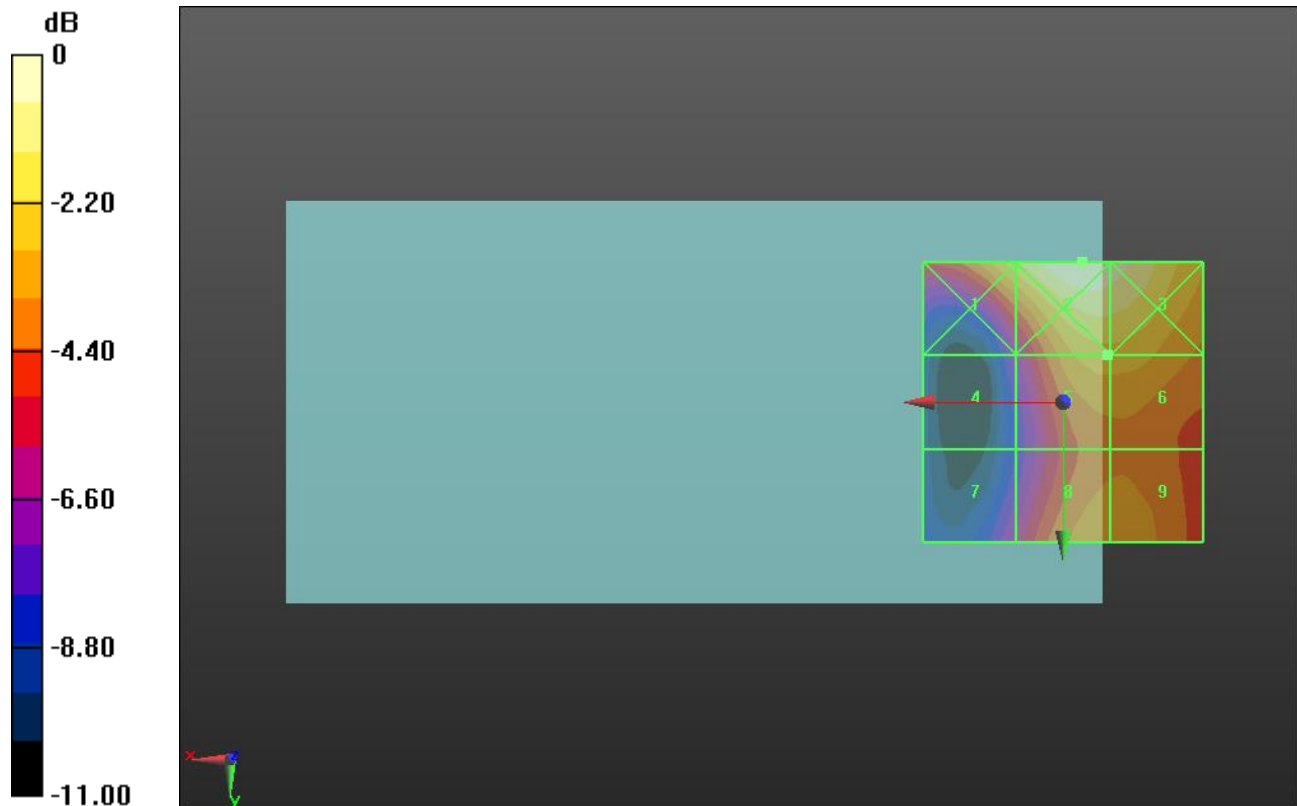
Applied MIF = 0.12 dB

RF audio interference level = 25.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.41 dBV/m	Grid 2 M4 28.03 dBV/m	Grid 3 M4 27.7 dBV/m
Grid 4 M4 21.31 dBV/m	Grid 5 M4 25.57 dBV/m	Grid 6 M4 25.57 dBV/m
Grid 7 M4 21.7 dBV/m	Grid 8 M4 24.87 dBV/m	Grid 9 M4 24.87 dBV/m



0 dB = 25.21 V/m = 28.03 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 = 20.73 V/m; Power Drift = -0.01 dB

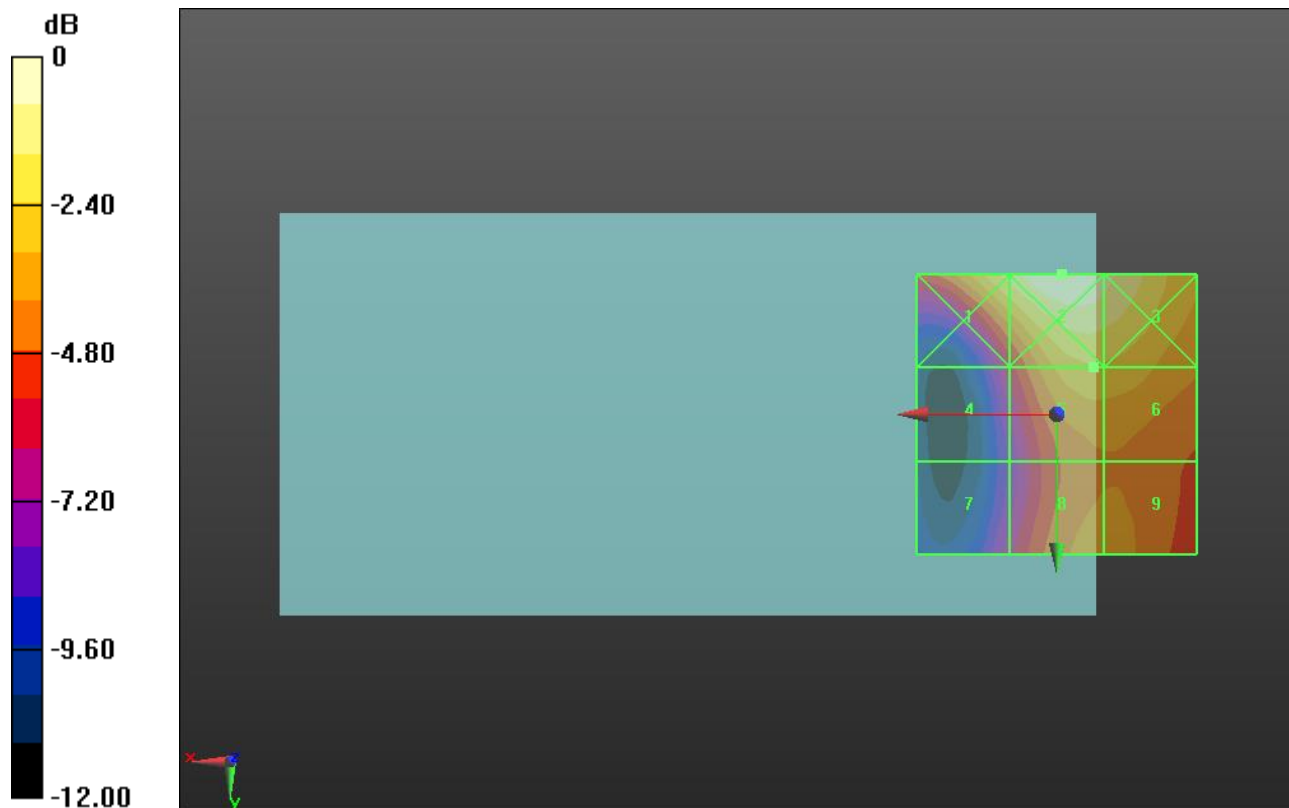
Applied MIF = 0.12 dB

RF audio interference level = 25.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.25 dBV/m	Grid 2 M4 28.4 dBV/m	Grid 3 M4 27.85 dBV/m
Grid 4 M4 22.36 dBV/m	Grid 5 M4 25.94 dBV/m	Grid 6 M4 25.89 dBV/m
Grid 7 M4 21.69 dBV/m	Grid 8 M4 24.7 dBV/m	Grid 9 M4 24.68 dBV/m



0 dB = 26.31 V/m = 28.40 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 = 21.68 V/m; Power Drift = -0.00 dB

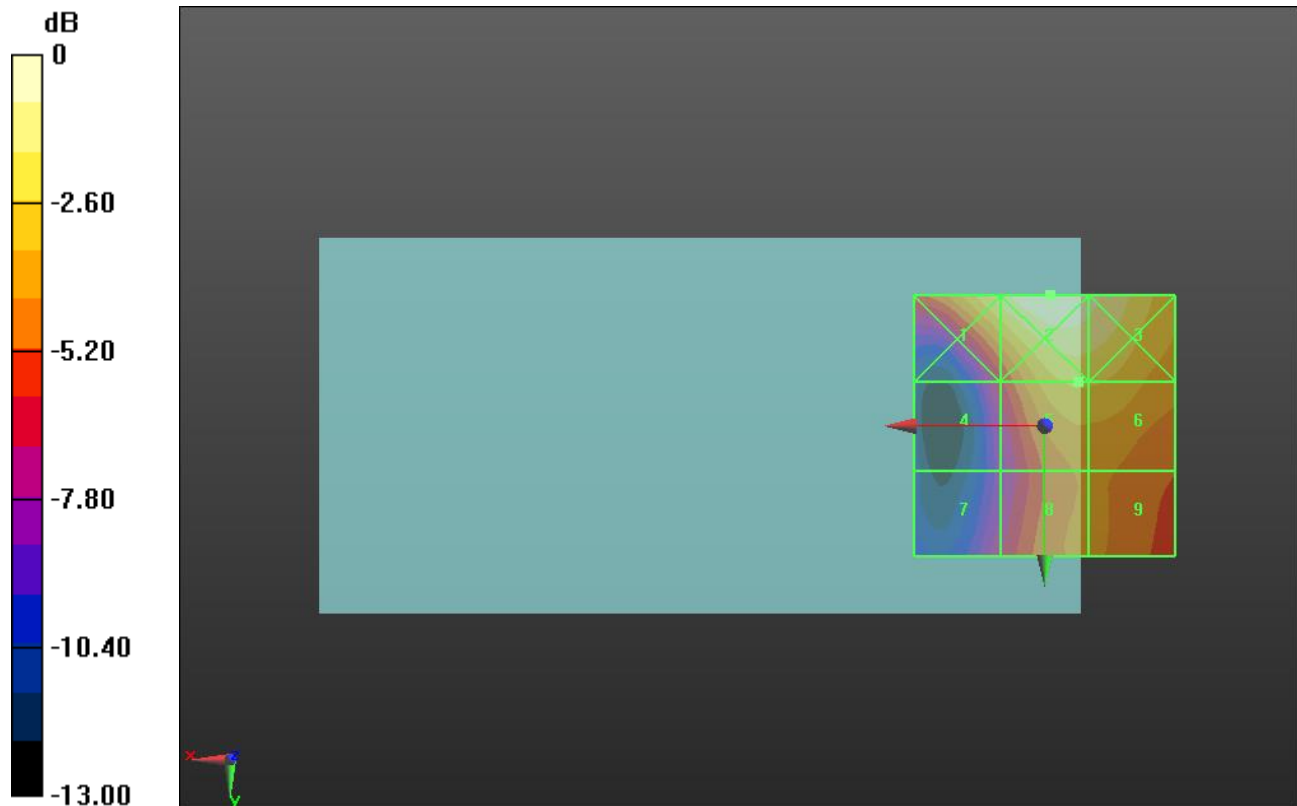
Applied MIF = 0.12 dB

RF audio interference level = 26.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.5 dBV/m	Grid 2 M4 28.68 dBV/m	Grid 3 M4 28.11 dBV/m
Grid 4 M4 22.38 dBV/m	Grid 5 M4 26.25 dBV/m	Grid 6 M4 26.21 dBV/m
Grid 7 M4 21.66 dBV/m	Grid 8 M4 24.49 dBV/m	Grid 9 M4 24.48 dBV/m



0 dB = 27.16 V/m = 28.68 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 = 20.80 V/m; Power Drift = -0.09 dB

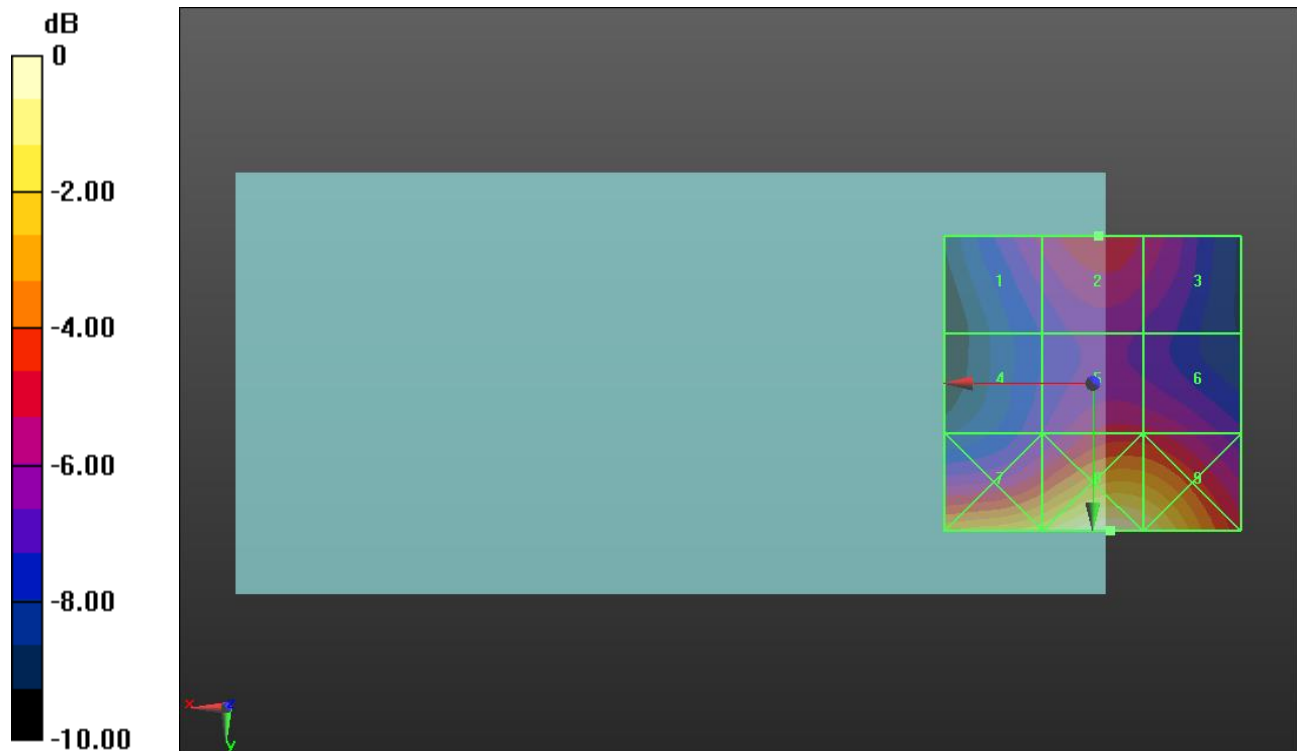
Applied MIF = 3.63 dB

RF audio interference level = 29.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.27 dBV/m	Grid 2 M4 29.22 dBV/m	Grid 3 M4 28.57 dBV/m
Grid 4 M4 27.39 dBV/m	Grid 5 M4 29.03 dBV/m	Grid 6 M4 28.94 dBV/m
Grid 7 M3 32.59 dBV/m	Grid 8 M3 33.98 dBV/m	Grid 9 M3 33.41 dBV/m



0 dB = 50.00 V/m = 33.98 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 = 21.18 V/m; Power Drift = 0.01 dB

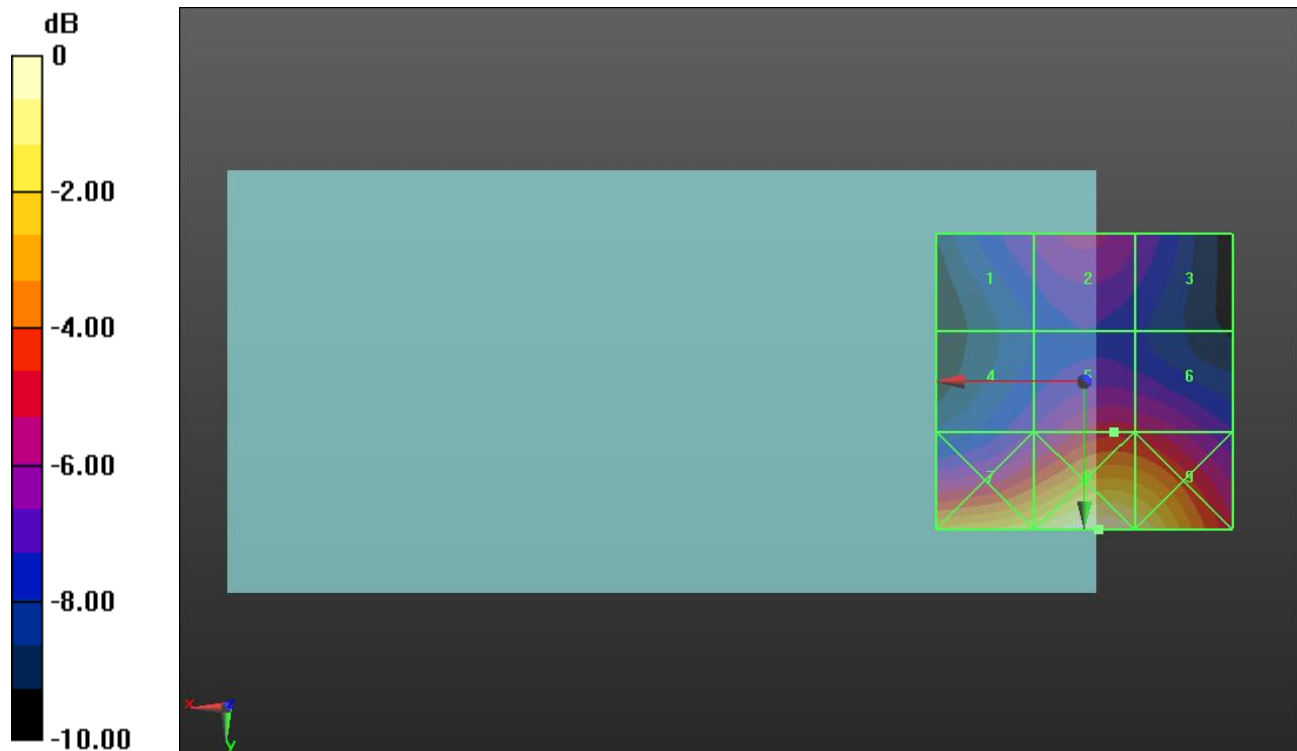
Applied MIF = 3.63 dB

RF audio interference level = 29.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.37 dBV/m	Grid 2 M4 29.05 dBV/m	Grid 3 M4 28.22 dBV/m
Grid 4 M4 28.3 dBV/m	Grid 5 M4 29.92 dBV/m	Grid 6 M4 29.76 dBV/m
Grid 7 M3 33.54 dBV/m	Grid 8 M3 34.8 dBV/m	Grid 9 M3 34.18 dBV/m



0 dB = 54.96 V/m = 34.80 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 = 21.05 V/m; Power Drift = -0.04 dB

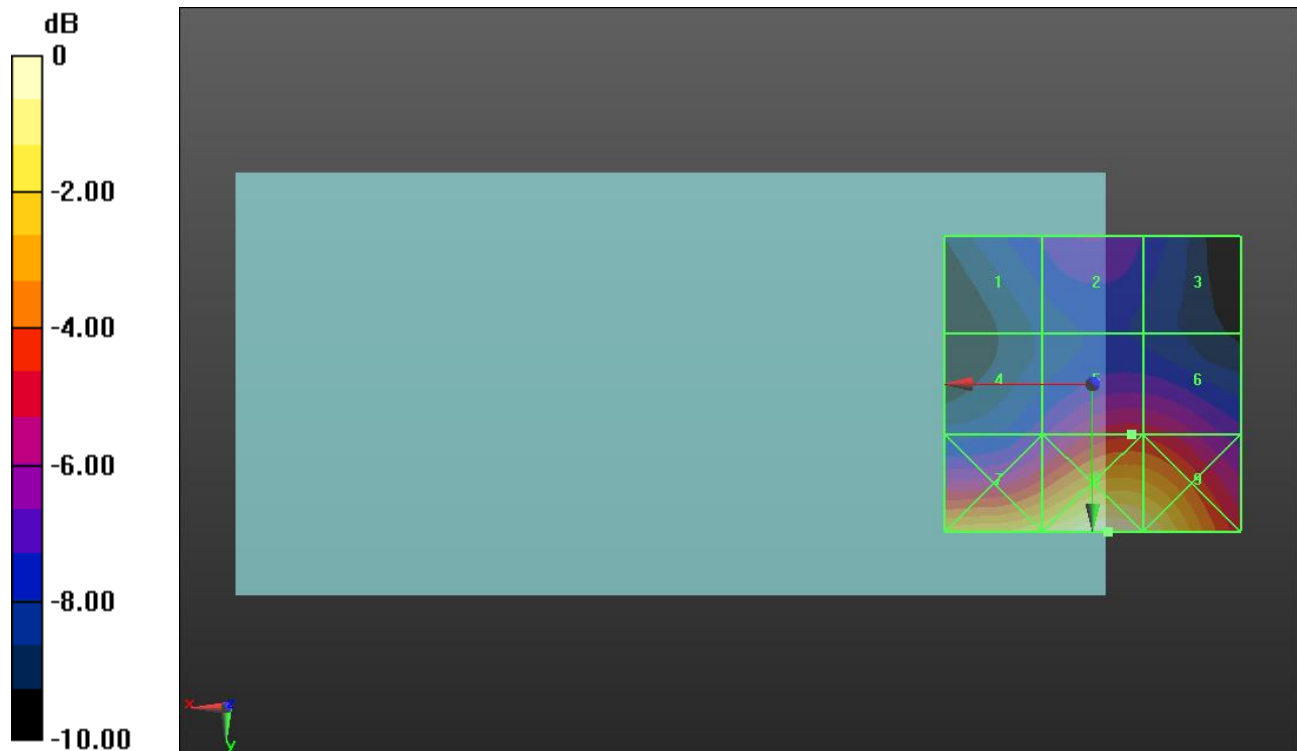
Applied MIF = 3.63 dB

RF audio interference level = 30.34 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.01 dBV/m	Grid 2 M4 28.57 dBV/m	Grid 3 M4 27.84 dBV/m
Grid 4 M4 28.37 dBV/m	Grid 5 M3 30.34 dBV/m	Grid 6 M3 30.29 dBV/m
Grid 7 M3 33.86 dBV/m	Grid 8 M2 35.14 dBV/m	Grid 9 M3 34.59 dBV/m



0 dB = 57.12 V/m = 35.14 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 = 23.04 V/m; Power Drift = -0.13 dB

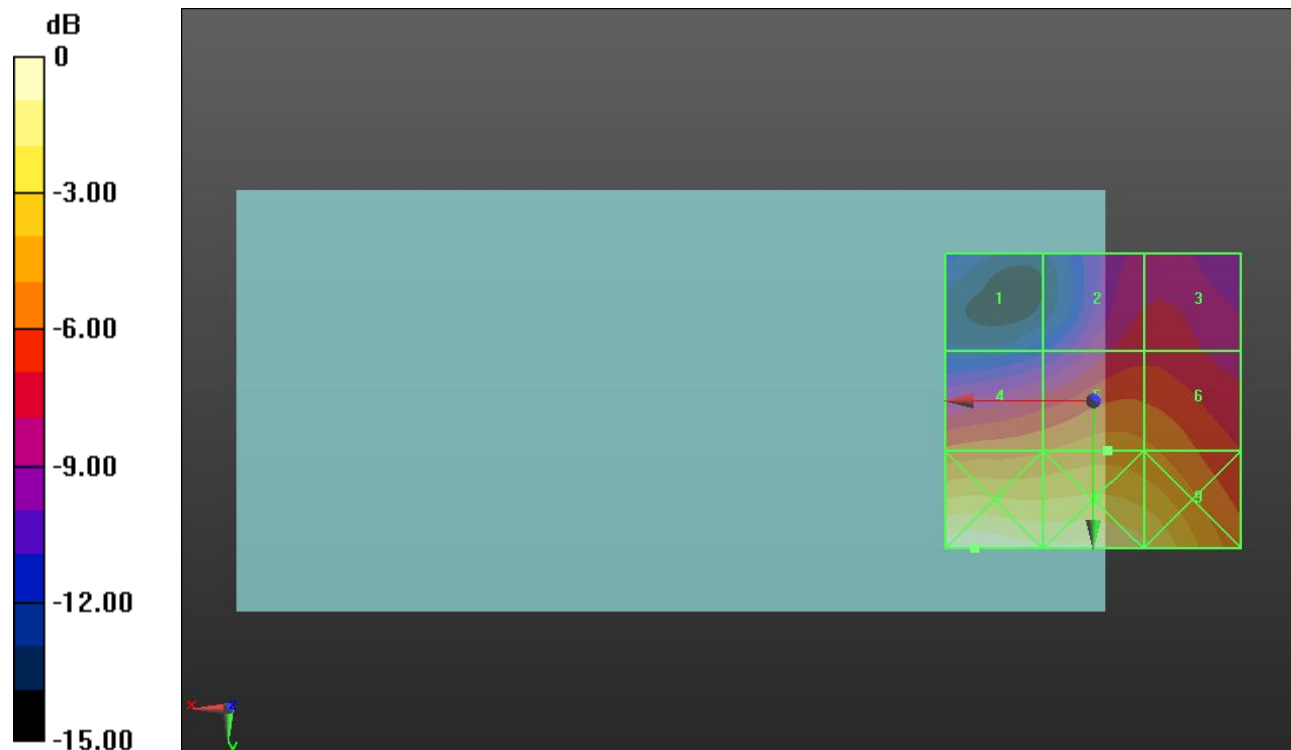
Applied MIF = -1.44 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.43 dBV/m	Grid 2 M4 22.32 dBV/m	Grid 3 M4 22.36 dBV/m
Grid 4 M4 24.57 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 24.9 dBV/m
Grid 7 M4 29.6 dBV/m	Grid 8 M4 28.95 dBV/m	Grid 9 M4 28 dBV/m



0 dB = 30.21 V/m = 29.60 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 = 20.58 V/m; Power Drift = -0.02 dB

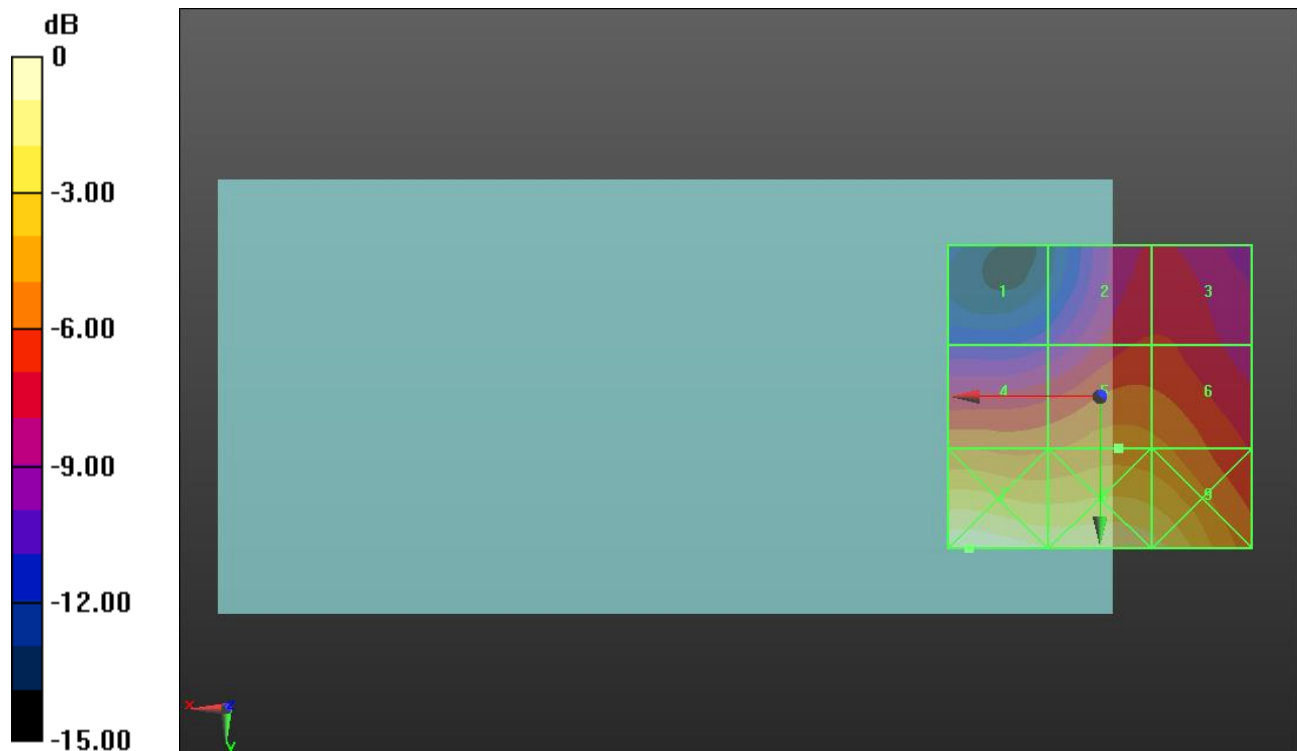
Applied MIF = -1.44 dB

RF audio interference level = 23.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.26 dBV/m	Grid 2 M4 21.52 dBV/m	Grid 3 M4 21.52 dBV/m
Grid 4 M4 23.32 dBV/m	Grid 5 M4 23.91 dBV/m	Grid 6 M4 23.7 dBV/m
Grid 7 M4 28.34 dBV/m	Grid 8 M4 27.49 dBV/m	Grid 9 M4 26.84 dBV/m



0 dB = 26.13 V/m = 28.34 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 = 20.33 V/m; Power Drift = -0.04 dB

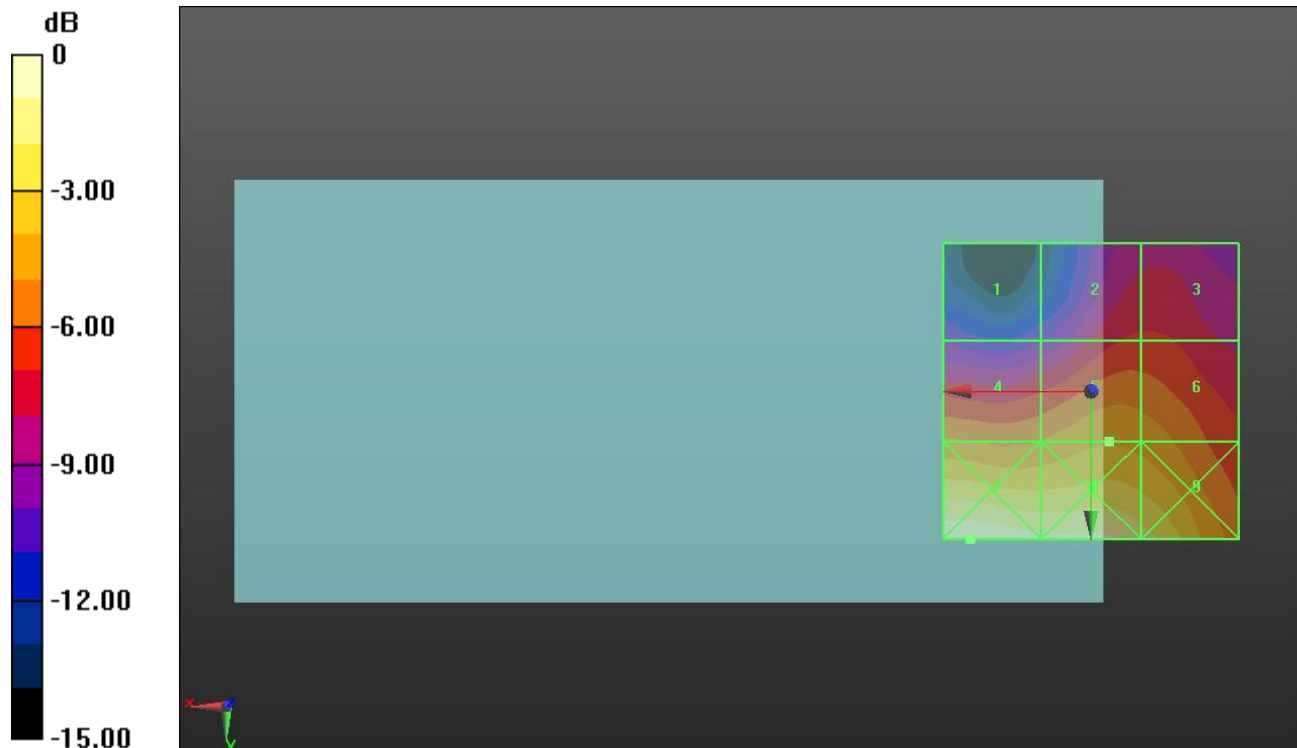
Applied MIF = -1.44 dB

RF audio interference level = 23.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.95 dBV/m	Grid 2 M4 21.06 dBV/m	Grid 3 M4 21.06 dBV/m
Grid 4 M4 23.01 dBV/m	Grid 5 M4 23.74 dBV/m	Grid 6 M4 23.49 dBV/m
Grid 7 M4 27.82 dBV/m	Grid 8 M4 27.16 dBV/m	Grid 9 M4 26.36 dBV/m



0 dB = 24.59 V/m = 27.82 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 = 15.86 V/m; Power Drift = -0.04 dB

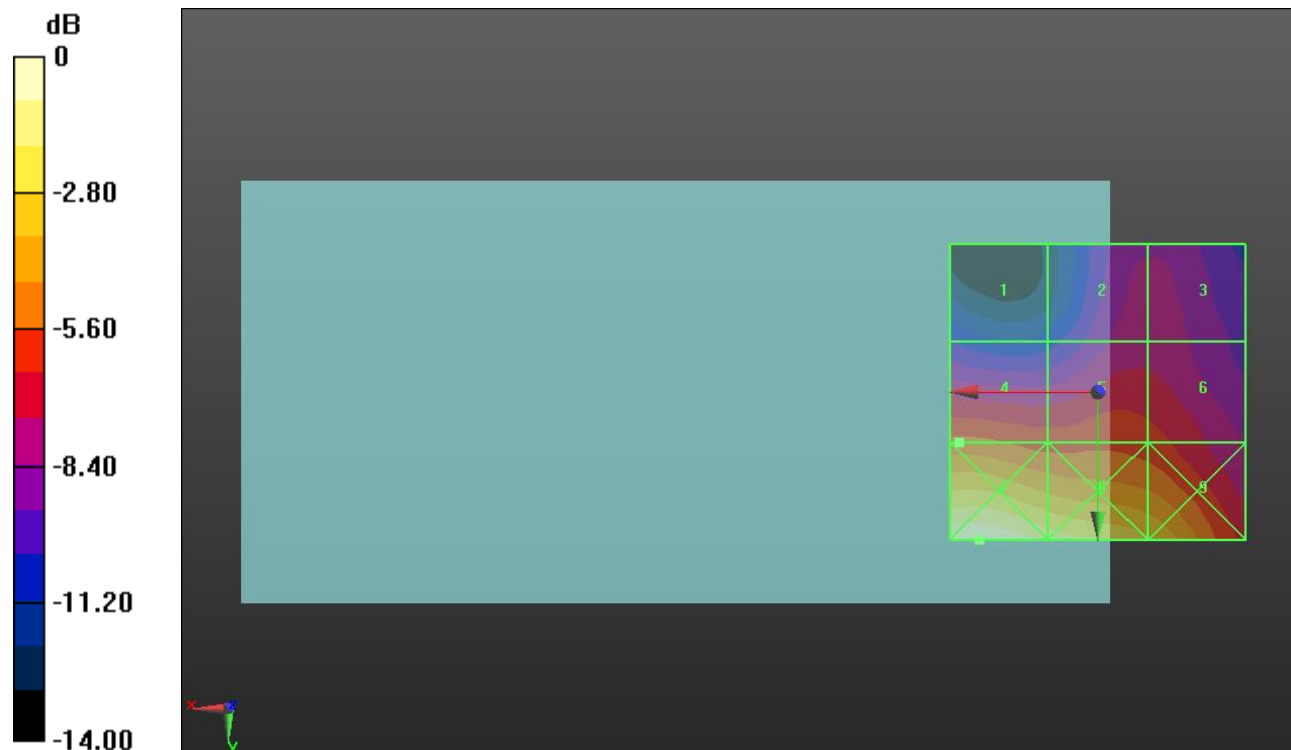
Applied MIF = -1.44 dB

RF audio interference level = 21.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.02 dBV/m	Grid 2 M4 19.38 dBV/m	Grid 3 M4 19.38 dBV/m
Grid 4 M4 21.89 dBV/m	Grid 5 M4 21.37 dBV/m	Grid 6 M4 21.08 dBV/m
Grid 7 M4 27.16 dBV/m	Grid 8 M4 26.03 dBV/m	Grid 9 M4 24.53 dBV/m



0 dB = 22.80 V/m = 27.16 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 14.69 V/m; Power Drift = -0.06 dB

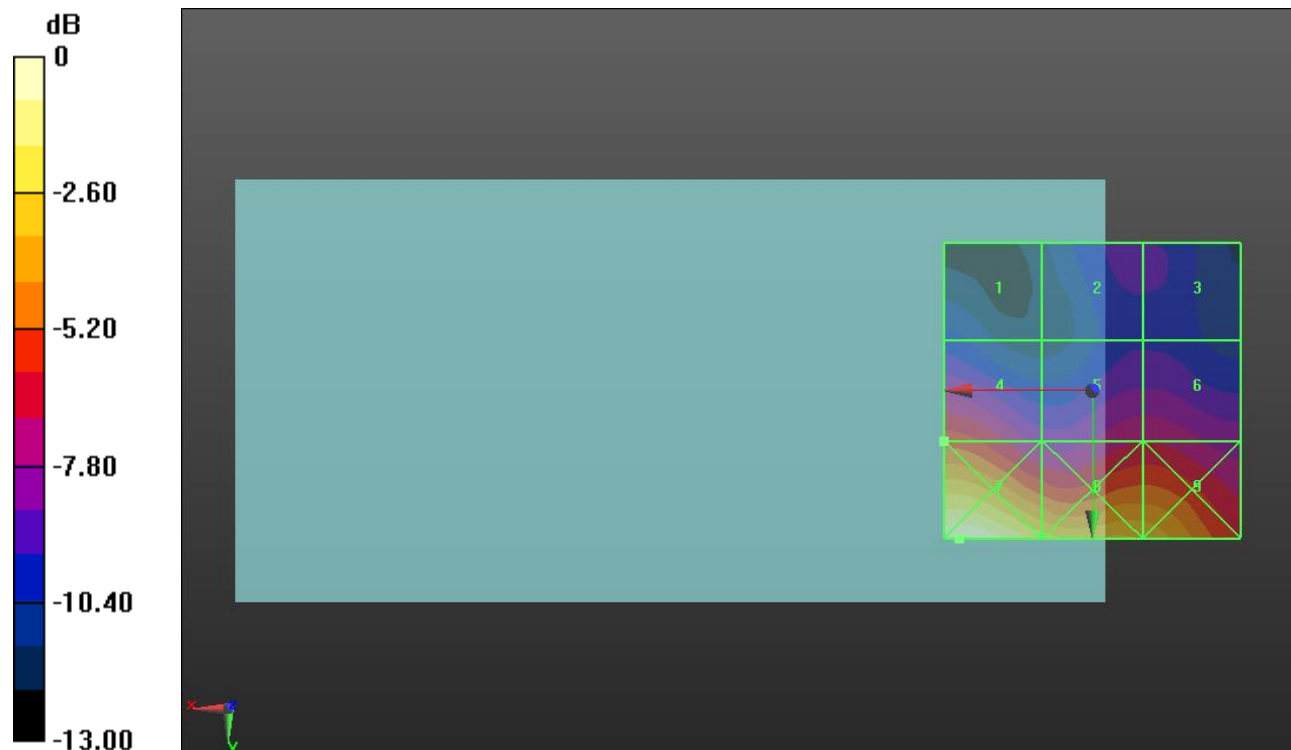
Applied MIF = -1.44 dB

RF audio interference level = 22.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.16 dBV/m	Grid 2 M4 18.91 dBV/m	Grid 3 M4 18.84 dBV/m
Grid 4 M4 22.59 dBV/m	Grid 5 M4 21.17 dBV/m	Grid 6 M4 21.17 dBV/m
Grid 7 M4 28.09 dBV/m	Grid 8 M4 26.01 dBV/m	Grid 9 M4 25.44 dBV/m



0 dB = 25.39 V/m = 28.09 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 = 34.06 V/m; Power Drift = -0.02 dB

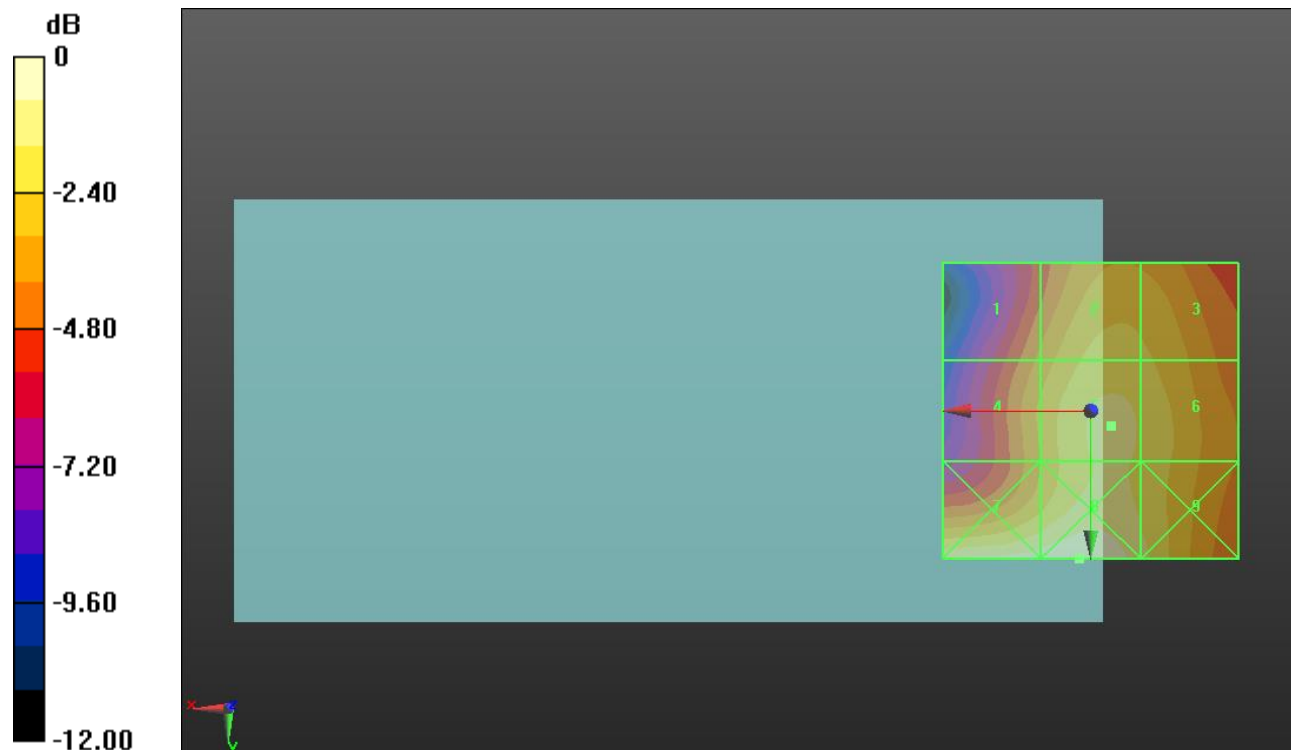
Applied MIF = -1.44 dB

RF audio interference level = 26.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.16 dBV/m	Grid 2 M4 25.89 dBV/m	Grid 3 M4 25.69 dBV/m
Grid 4 M4 24.88 dBV/m	Grid 5 M4 26.5 dBV/m	Grid 6 M4 26.21 dBV/m
Grid 7 M4 27.6 dBV/m	Grid 8 M4 27.88 dBV/m	Grid 9 M4 26.59 dBV/m



0 dB = 24.78 V/m = 27.88 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 = 29.08 V/m; Power Drift = -0.04 dB

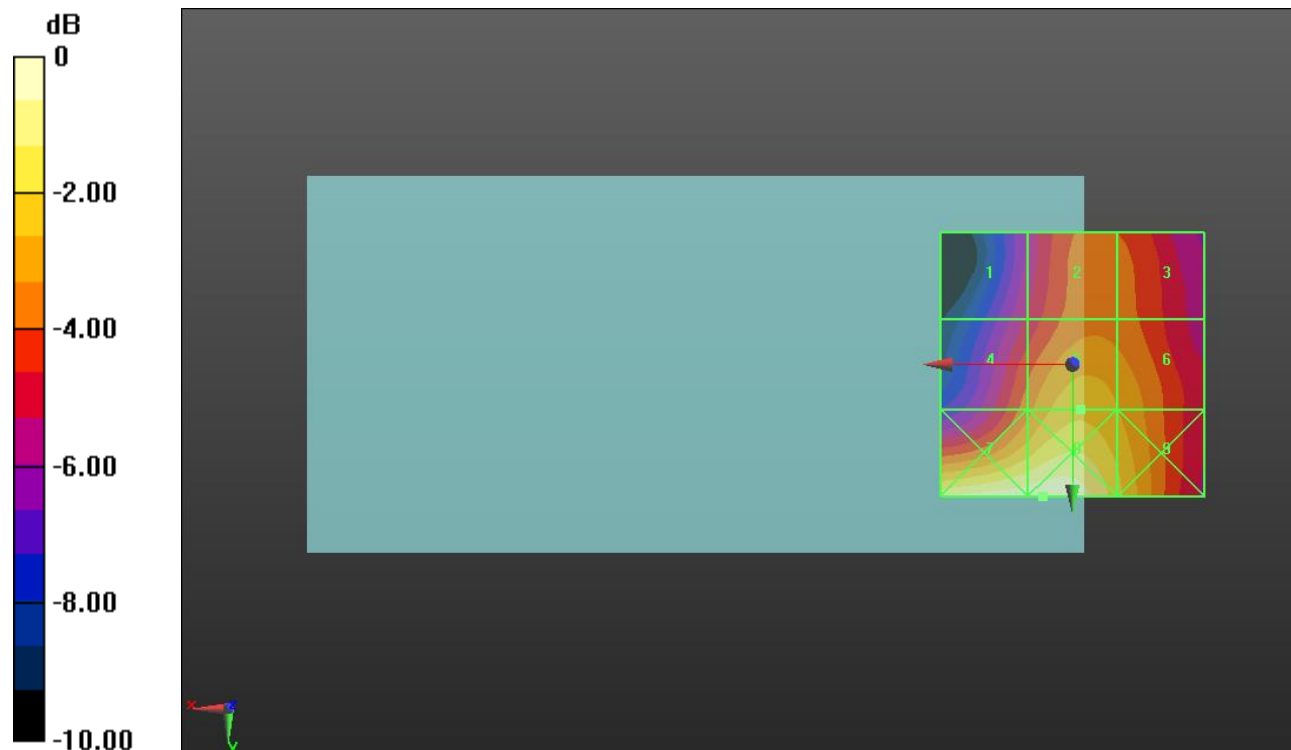
Applied MIF = -1.44 dB

RF audio interference level = 25.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.85 dBV/m	Grid 2 M4 24.52 dBV/m	Grid 3 M4 24.37 dBV/m
Grid 4 M4 24.44 dBV/m	Grid 5 M4 25.82 dBV/m	Grid 6 M4 25.35 dBV/m
Grid 7 M4 27.89 dBV/m	Grid 8 M4 27.99 dBV/m	Grid 9 M4 26.24 dBV/m



0 dB = 25.09 V/m = 27.99 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 = 25.67 V/m; Power Drift = 0.03 dB

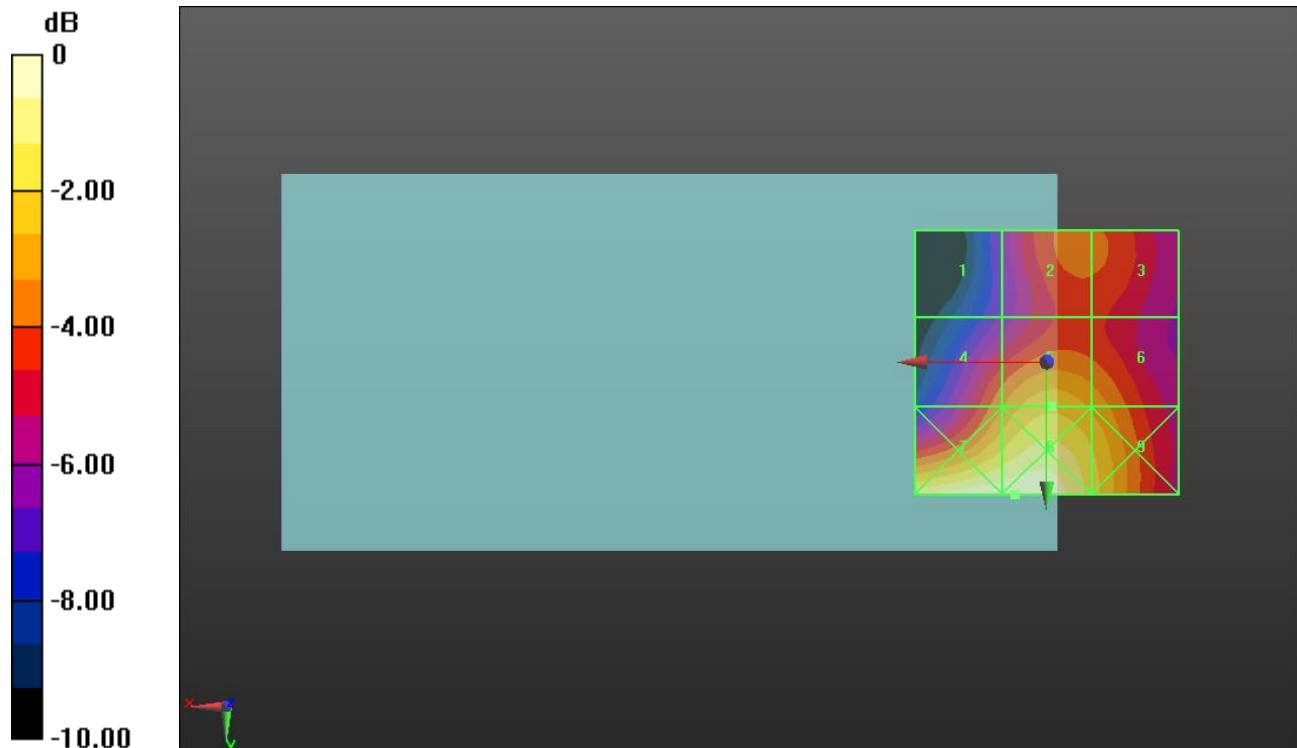
Applied MIF = -1.44 dB

RF audio interference level = 25.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.4 dBV/m	Grid 2 M4 24.17 dBV/m	Grid 3 M4 24.08 dBV/m
Grid 4 M4 24.48 dBV/m	Grid 5 M4 25.69 dBV/m	Grid 6 M4 25.07 dBV/m
Grid 7 M4 27.8 dBV/m	Grid 8 M4 27.85 dBV/m	Grid 9 M4 26.21 dBV/m



0 dB = 24.68 V/m = 27.85 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.23 V/m; Power Drift = 0.01 dB

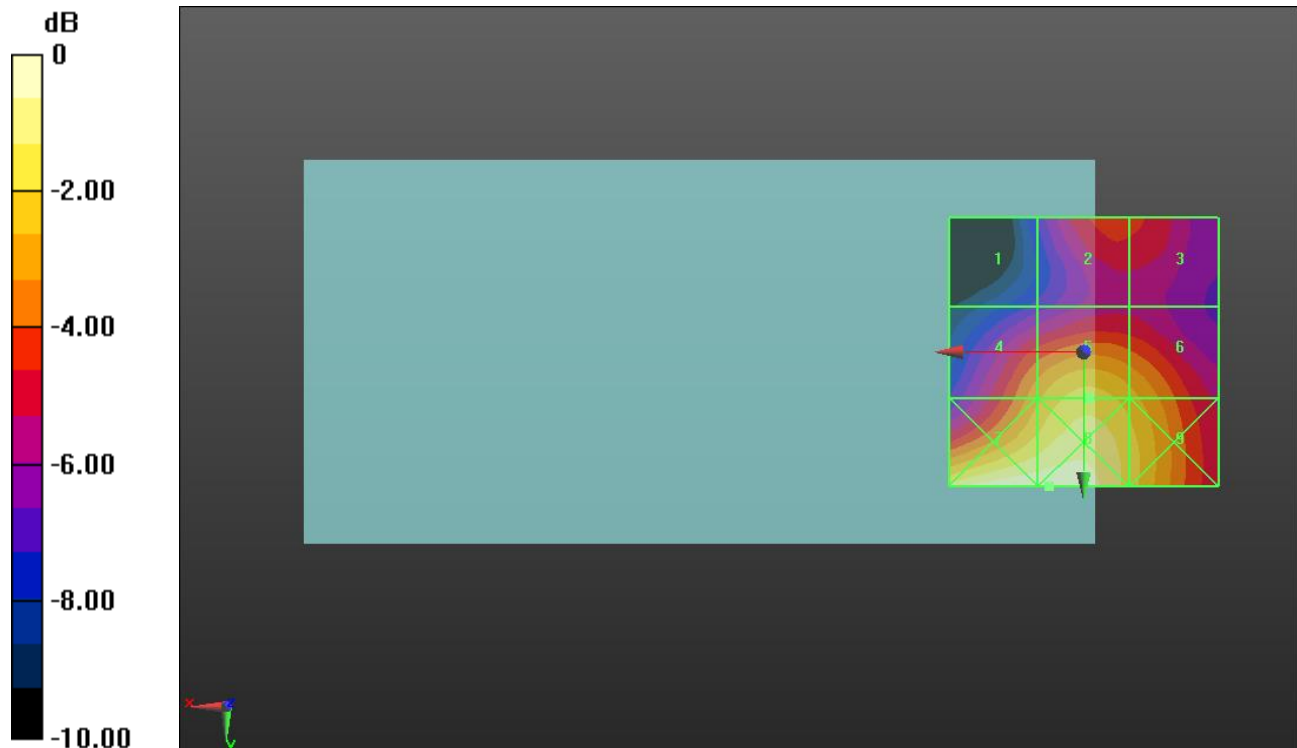
Applied MIF = -1.44 dB

RF audio interference level = 25.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.63 dBV/m	Grid 2 M4 23.24 dBV/m	Grid 3 M4 23.17 dBV/m
Grid 4 M4 24.8 dBV/m	Grid 5 M4 25.92 dBV/m	Grid 6 M4 25.27 dBV/m
Grid 7 M4 27.62 dBV/m	Grid 8 M4 27.63 dBV/m	Grid 9 M4 26.03 dBV/m



0 dB = 24.06 V/m = 27.63 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 = 40.44 V/m; Power Drift = -0.02 dB

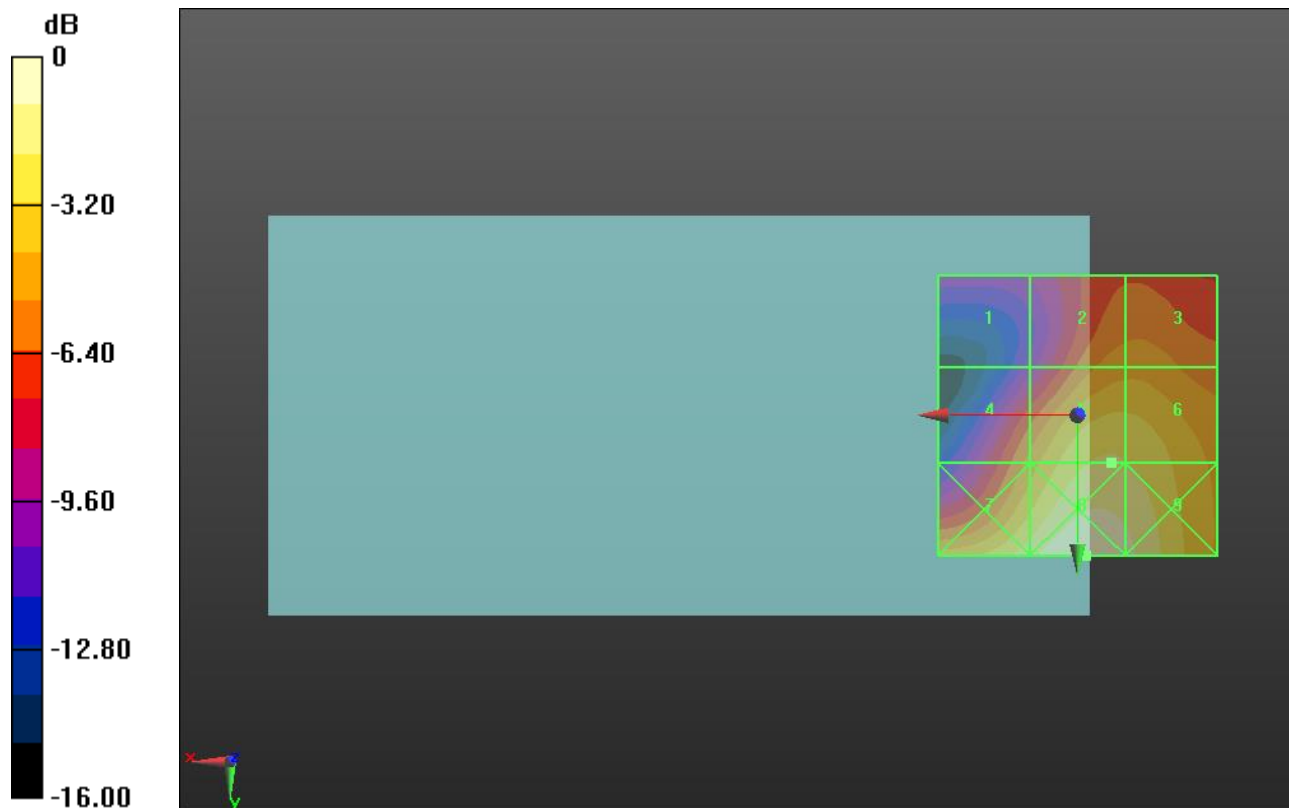
Applied MIF = -2.02 dB

RF audio interference level = 28.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.61 dBV/m	Grid 2 M4 26.26 dBV/m	Grid 3 M4 26.3 dBV/m
Grid 4 M4 26.01 dBV/m	Grid 5 M4 28.92 dBV/m	Grid 6 M4 28.82 dBV/m
Grid 7 M4 29.51 dBV/m	Grid 8 M3 30.89 dBV/m	Grid 9 M3 30.2 dBV/m



0 dB = 35.05 V/m = 30.89 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 = 39.12 V/m; Power Drift = -0.02 dB

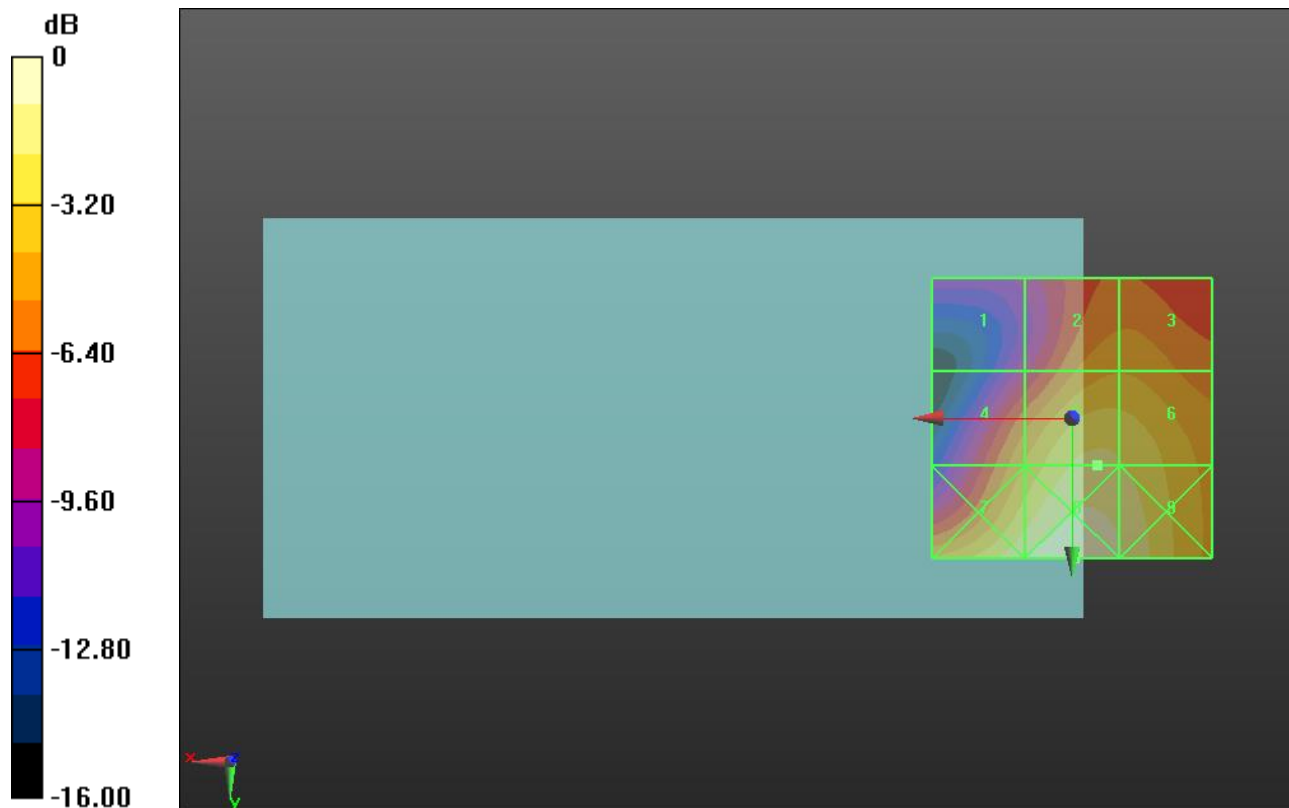
Applied MIF = -2.02 dB

RF audio interference level = 28.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.41 dBV/m	Grid 2 M4 25.9 dBV/m	Grid 3 M4 25.9 dBV/m
Grid 4 M4 26.07 dBV/m	Grid 5 M4 28.41 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M4 29.16 dBV/m	Grid 8 M3 30.24 dBV/m	Grid 9 M4 29.36 dBV/m



0 dB = 32.50 V/m = 30.24 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 = 36.72 V/m; Power Drift = 0.00 dB

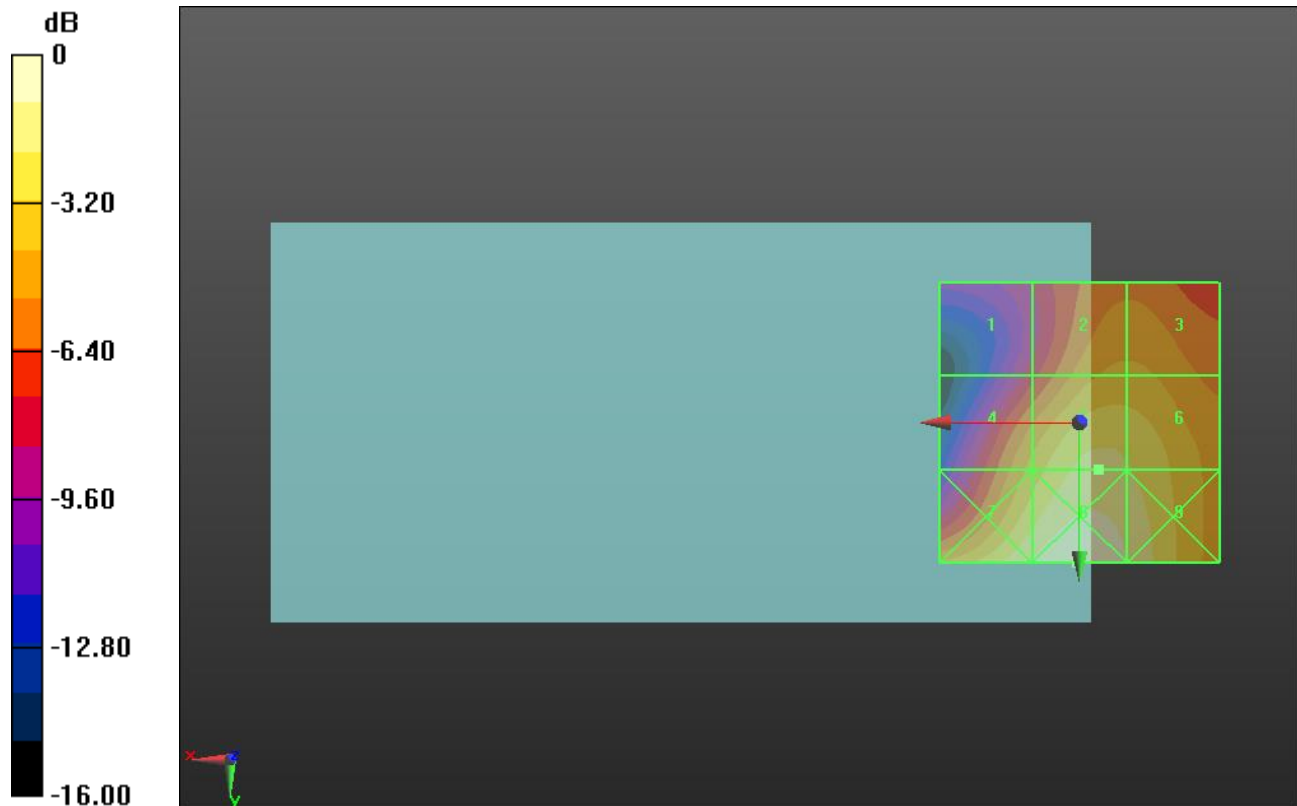
Applied MIF = -2.02 dB

RF audio interference level = 27.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.68 dBV/m	Grid 2 M4 25.61 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 25.72 dBV/m	Grid 5 M4 27.8 dBV/m	Grid 6 M4 27.52 dBV/m
Grid 7 M4 28.61 dBV/m	Grid 8 M4 29.54 dBV/m	Grid 9 M4 28.52 dBV/m



0 dB = 30.01 V/m = 29.55 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 = 35.22 V/m; Power Drift = 0.19 dB

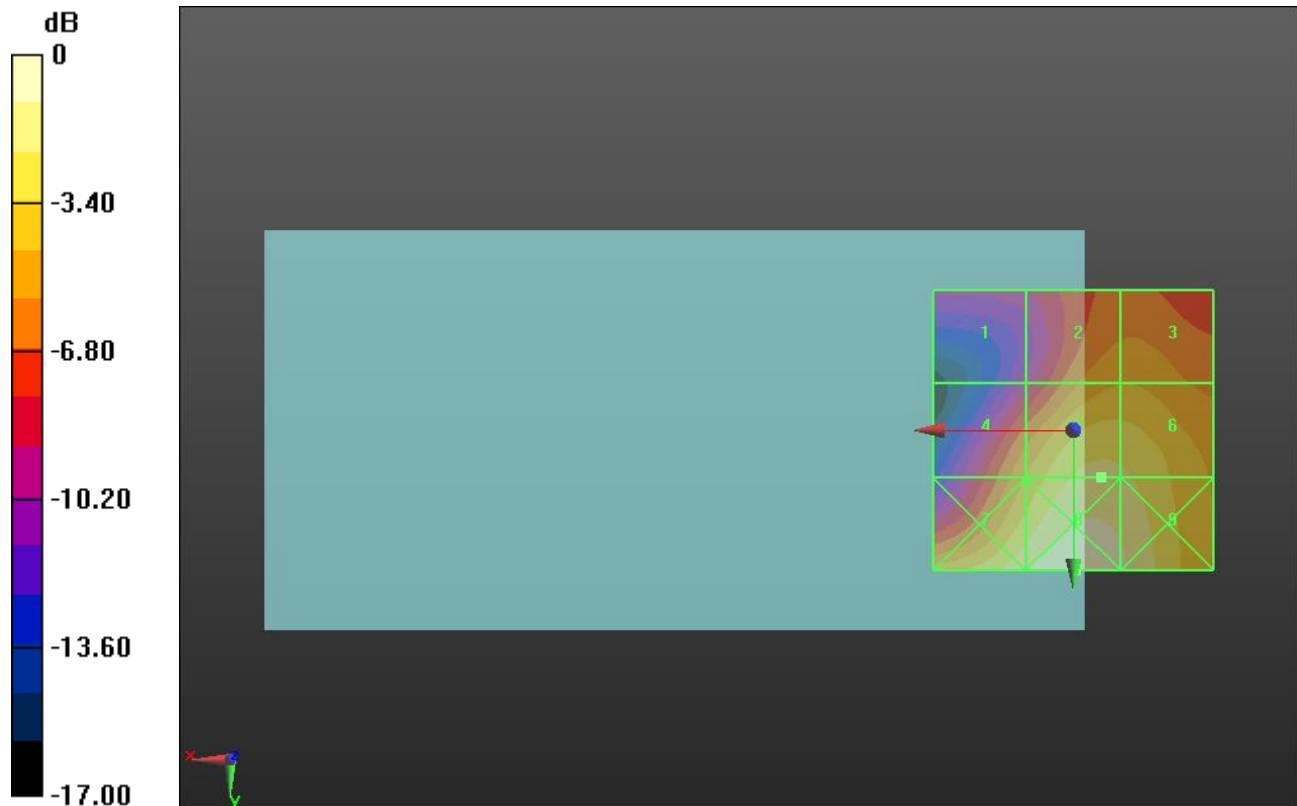
Applied MIF = 0.12 dB

RF audio interference level = 29.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.7 dBV/m	Grid 2 M4 27.23 dBV/m	Grid 3 M4 27.25 dBV/m
Grid 4 M4 27.34 dBV/m	Grid 5 M4 29.9 dBV/m	Grid 6 M4 29.74 dBV/m
Grid 7 M3 30.63 dBV/m	Grid 8 M3 31.81 dBV/m	Grid 9 M3 30.96 dBV/m



0 dB = 38.93 V/m = 31.81 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 = 34.02 V/m; Power Drift = 0.12 dB

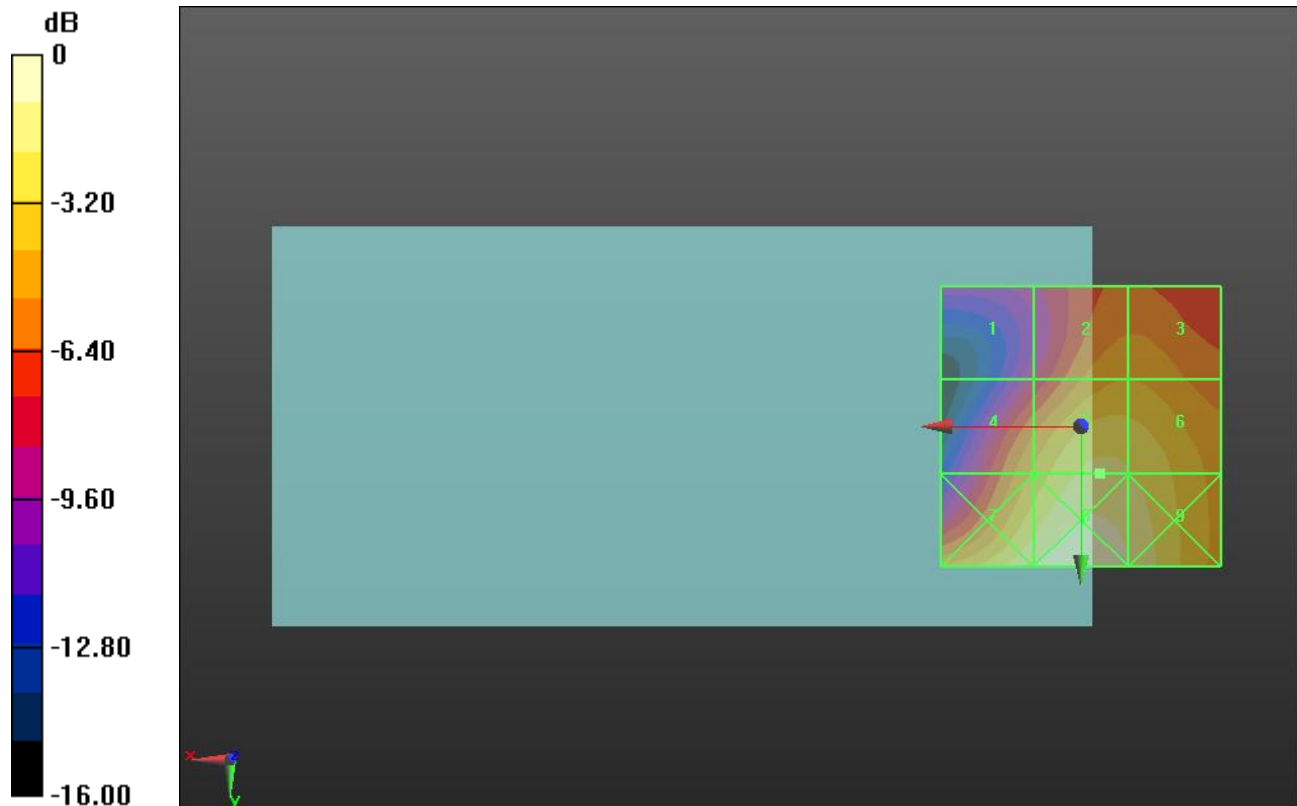
Applied MIF = 0.12 dB

RF audio interference level = 29.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.67 dBV/m	Grid 2 M4 26.91 dBV/m	Grid 3 M4 26.91 dBV/m
Grid 4 M4 27.21 dBV/m	Grid 5 M4 29.39 dBV/m	Grid 6 M4 29.14 dBV/m
Grid 7 M3 30.21 dBV/m	Grid 8 M3 31.2 dBV/m	Grid 9 M3 30.2 dBV/m



0 dB = 36.29 V/m = 31.20 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 = 37.55 V/m; Power Drift = 0.04 dB

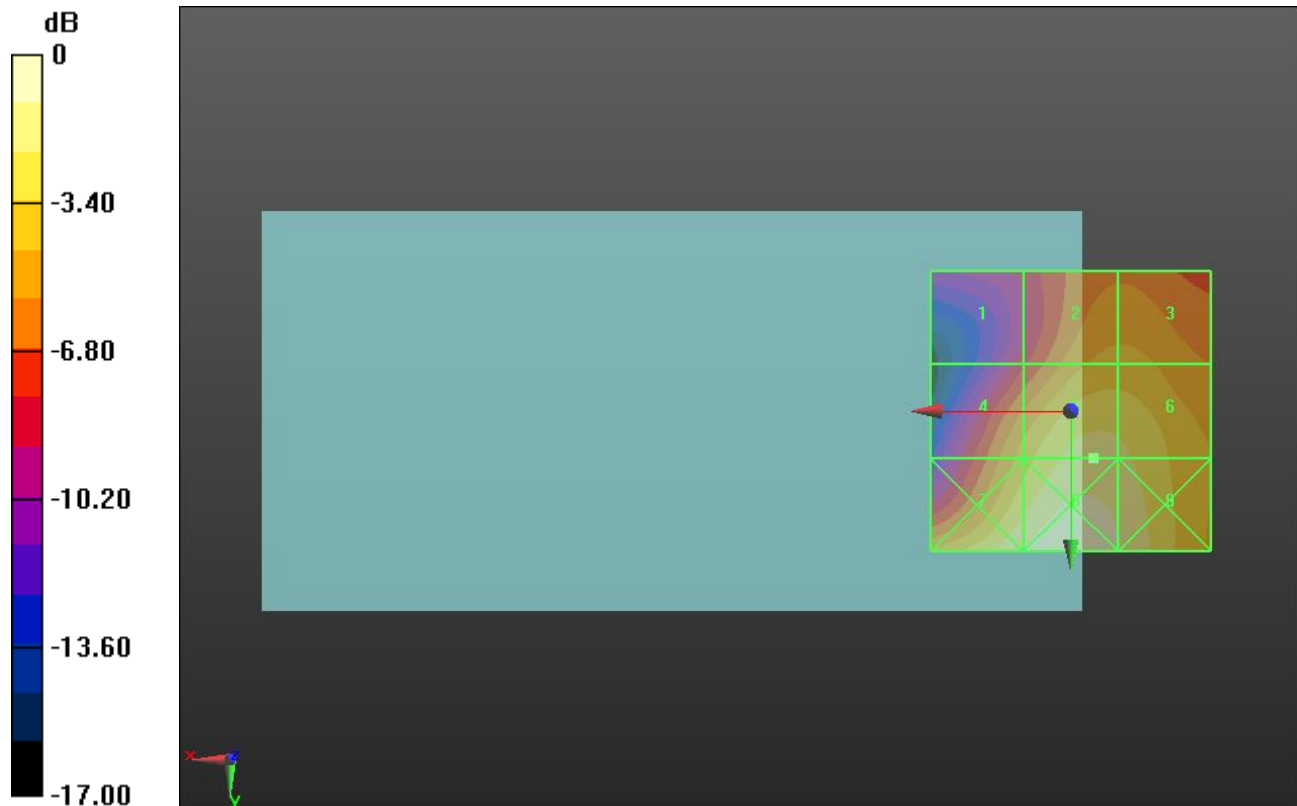
Applied MIF = 0.12 dB

RF audio interference level = 30.21 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 23.77 dBV/m	Grid 2 M4 27.89 dBV/m	Grid 3 M4 27.89 dBV/m
Grid 4 M4 28.01 dBV/m	Grid 5 M3 30.21 dBV/m	Grid 6 M4 29.99 dBV/m
Grid 7 M3 30.96 dBV/m	Grid 8 M3 31.97 dBV/m	Grid 9 M3 31 dBV/m



0 dB = 39.69 V/m = 31.97 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 = 6.096 V/m; Power Drift = -0.07 dB

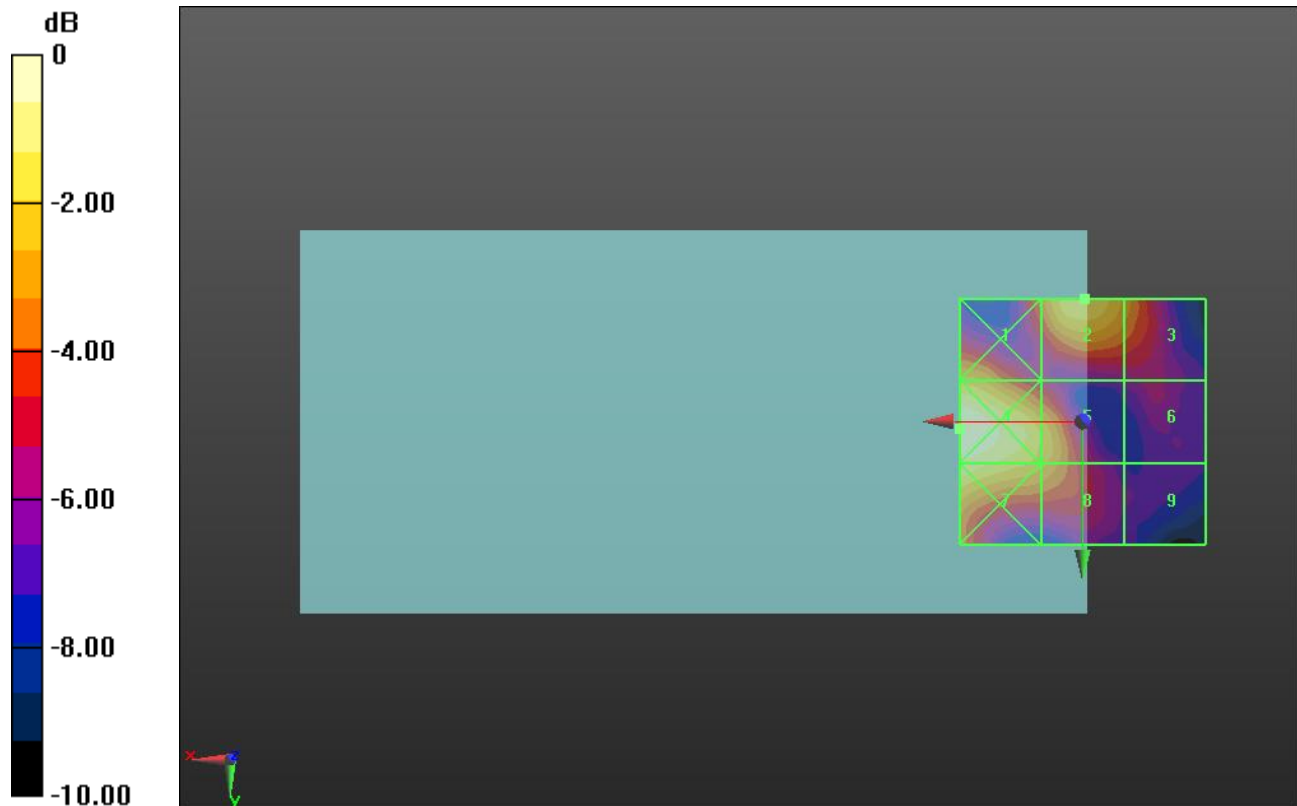
Applied MIF = -5.82 dB

RF audio interference level = 14.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.24 dBV/m	Grid 2 M4 14.29 dBV/m	Grid 3 M4 12.76 dBV/m
Grid 4 M4 15.59 dBV/m	Grid 5 M4 13.58 dBV/m	Grid 6 M4 9.85 dBV/m
Grid 7 M4 14.94 dBV/m	Grid 8 M4 13.15 dBV/m	Grid 9 M4 9.1 dBV/m



0 dB = 6.018 V/m = 15.59 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 6.812 V/m; Power Drift = -0.01 dB

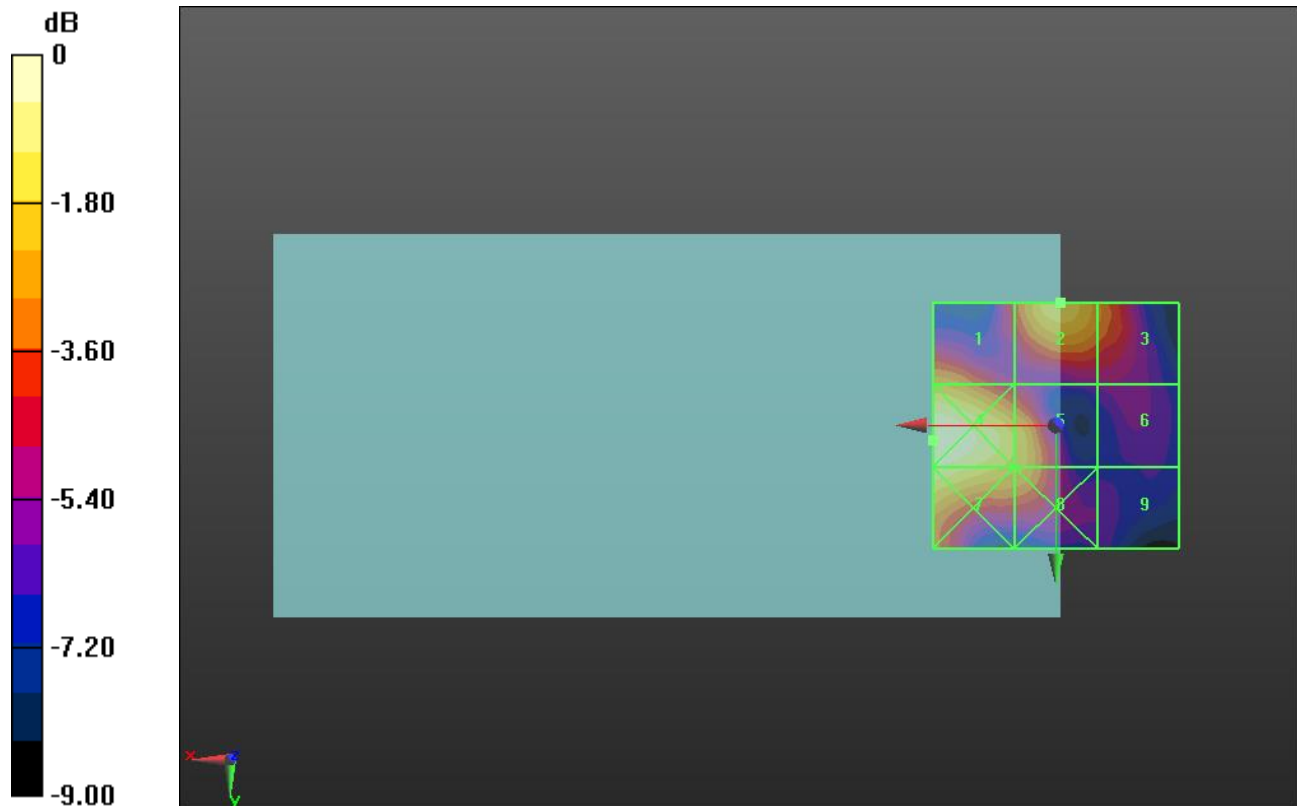
Applied MIF = -5.82 dB

RF audio interference level = 14.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.24 dBV/m	Grid 2 M4 14.35 dBV/m	Grid 3 M4 12.95 dBV/m
Grid 4 M4 15.69 dBV/m	Grid 5 M4 13.96 dBV/m	Grid 6 M4 10.26 dBV/m
Grid 7 M4 15.11 dBV/m	Grid 8 M4 13.56 dBV/m	Grid 9 M4 9.72 dBV/m



0 dB = 6.091 V/m = 15.69 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 = 7.381 V/m; Power Drift = -0.35 dB

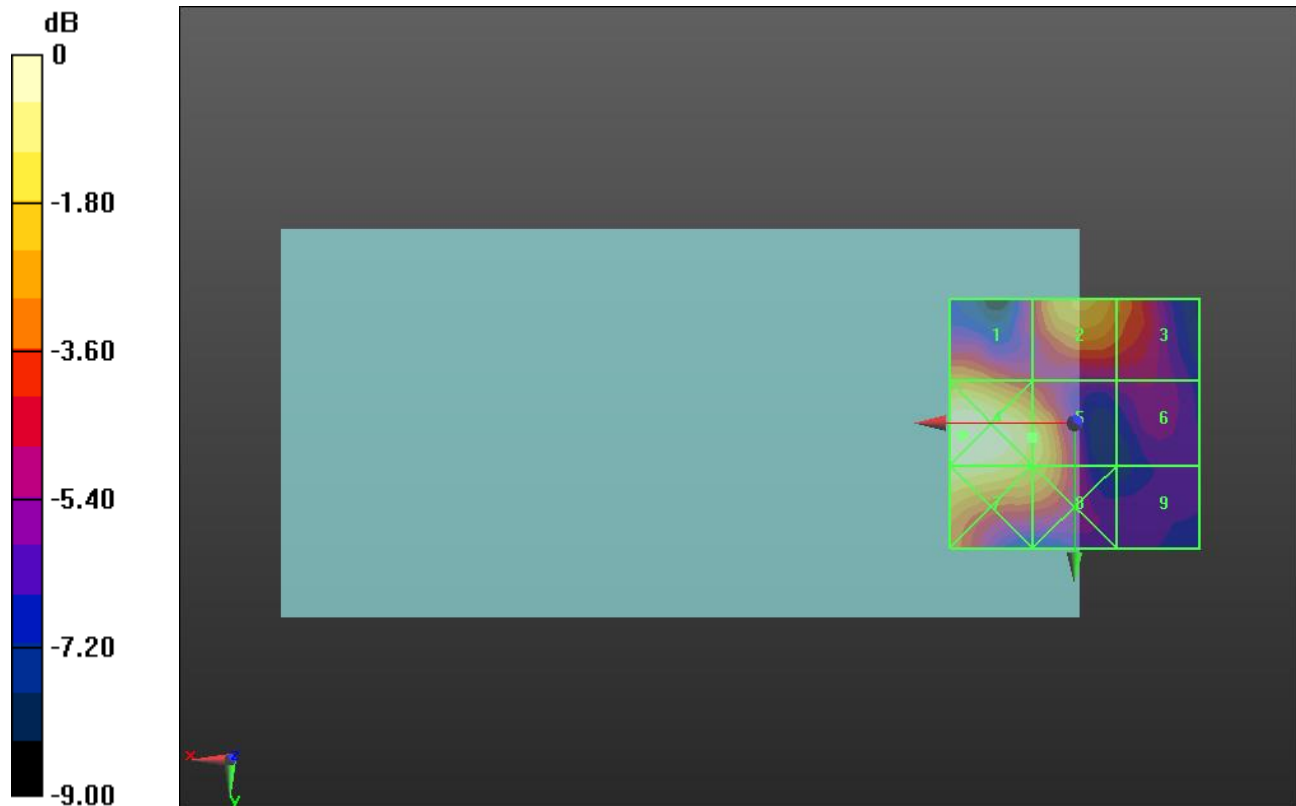
Applied MIF = -5.82 dB

RF audio interference level = 14.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.54 dBV/m	Grid 2 M4 14.34 dBV/m	Grid 3 M4 13.19 dBV/m
Grid 4 M4 15.94 dBV/m	Grid 5 M4 14.6 dBV/m	Grid 6 M4 10.7 dBV/m
Grid 7 M4 15.36 dBV/m	Grid 8 M4 14.17 dBV/m	Grid 9 M4 9.89 dBV/m



0 dB = 6.266 V/m = 15.94 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 = 7.722 V/m; Power Drift = -0.03 dB

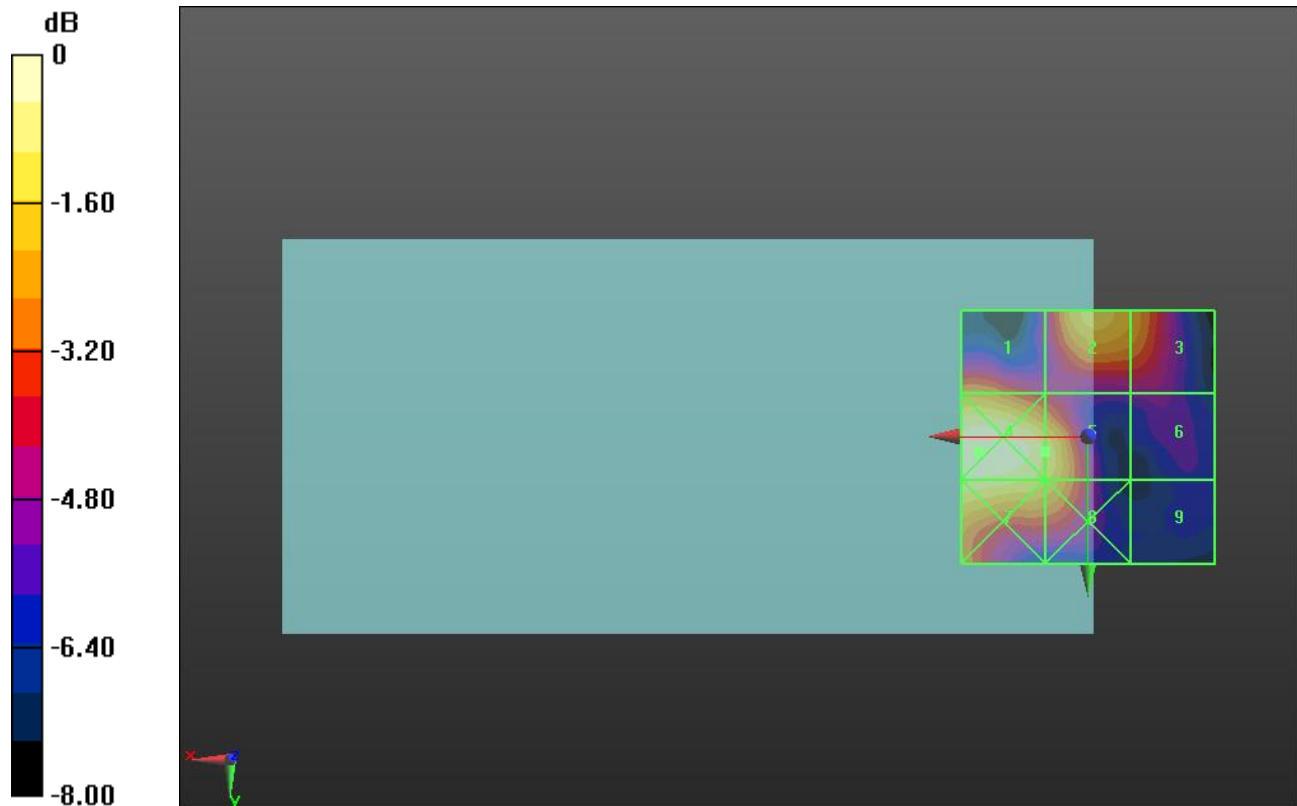
Applied MIF = -5.82 dB

RF audio interference level = 14.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.27 dBV/m	Grid 2 M4 14.46 dBV/m	Grid 3 M4 13.56 dBV/m
Grid 4 M4 15.66 dBV/m	Grid 5 M4 14.56 dBV/m	Grid 6 M4 10.7 dBV/m
Grid 7 M4 15.1 dBV/m	Grid 8 M4 14.2 dBV/m	Grid 9 M4 9.68 dBV/m



0 dB = 6.066 V/m = 15.66 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 = 8.112 V/m; Power Drift = -0.16 dB

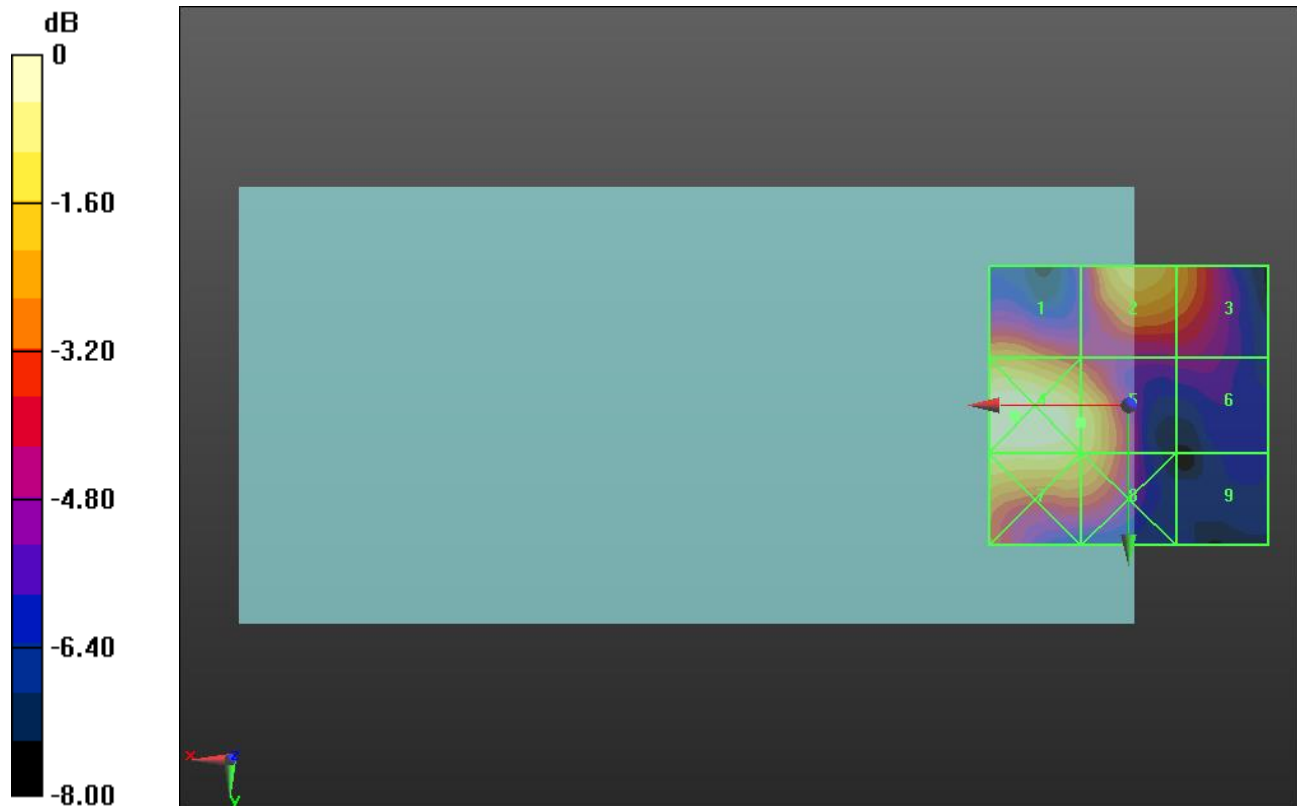
Applied MIF = -5.82 dB

RF audio interference level = 14.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.72 dBV/m	Grid 2 M4 14.71 dBV/m	Grid 3 M4 13.83 dBV/m
Grid 4 M4 15.81 dBV/m	Grid 5 M4 14.85 dBV/m	Grid 6 M4 11.03 dBV/m
Grid 7 M4 15.14 dBV/m	Grid 8 M4 14.44 dBV/m	Grid 9 M4 9.74 dBV/m



0 dB = 6.171 V/m = 15.81 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 = 6.993 V/m; Power Drift = 0.01 dB

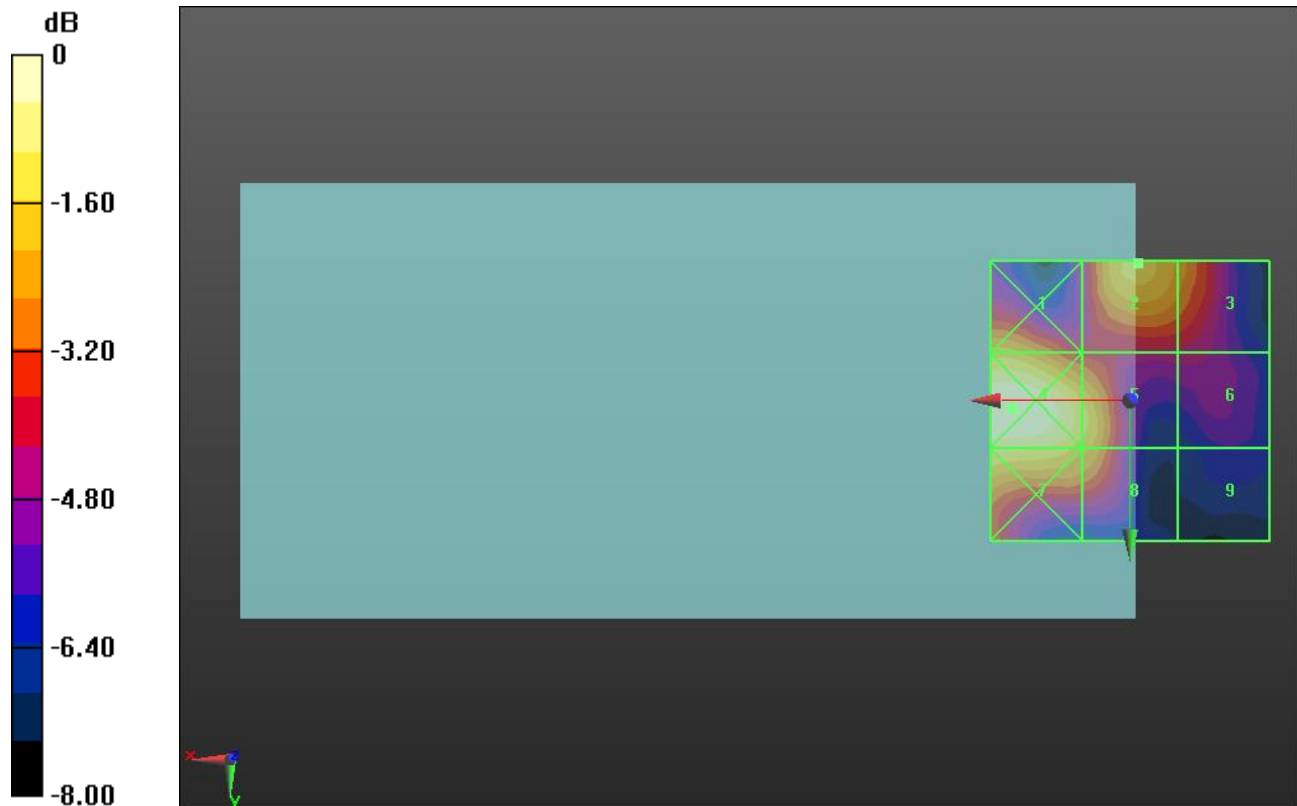
Applied MIF = -5.82 dB

RF audio interference level = 14.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.82 dBV/m	Grid 2 M4 14.34 dBV/m	Grid 3 M4 13.4 dBV/m
Grid 4 M4 15.63 dBV/m	Grid 5 M4 14.26 dBV/m	Grid 6 M4 11.23 dBV/m
Grid 7 M4 14.79 dBV/m	Grid 8 M4 13.73 dBV/m	Grid 9 M4 9.75 dBV/m



0 dB = 6.046 V/m = 15.63 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 = 5.652 V/m; Power Drift = 0.04 dB

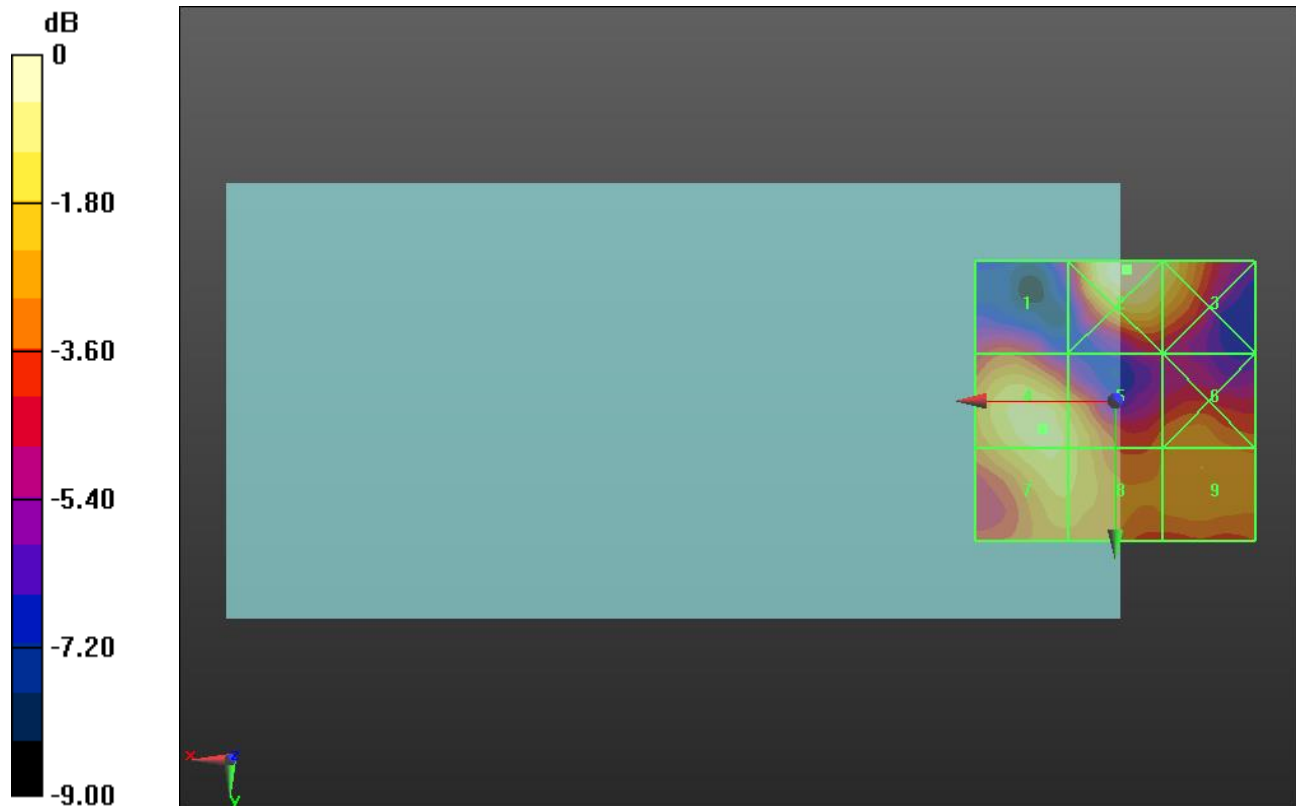
Applied MIF = -5.82 dB

RF audio interference level = 13.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.25 dBV/m	Grid 2 M4 13.91 dBV/m	Grid 3 M4 13.07 dBV/m
Grid 4 M4 13.08 dBV/m	Grid 5 M4 12.59 dBV/m	Grid 6 M4 11.38 dBV/m
Grid 7 M4 12.86 dBV/m	Grid 8 M4 12.54 dBV/m	Grid 9 M4 11.52 dBV/m



0 dB = 4.961 V/m = 13.91 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 = 5.159 V/m; Power Drift = -0.46 dB

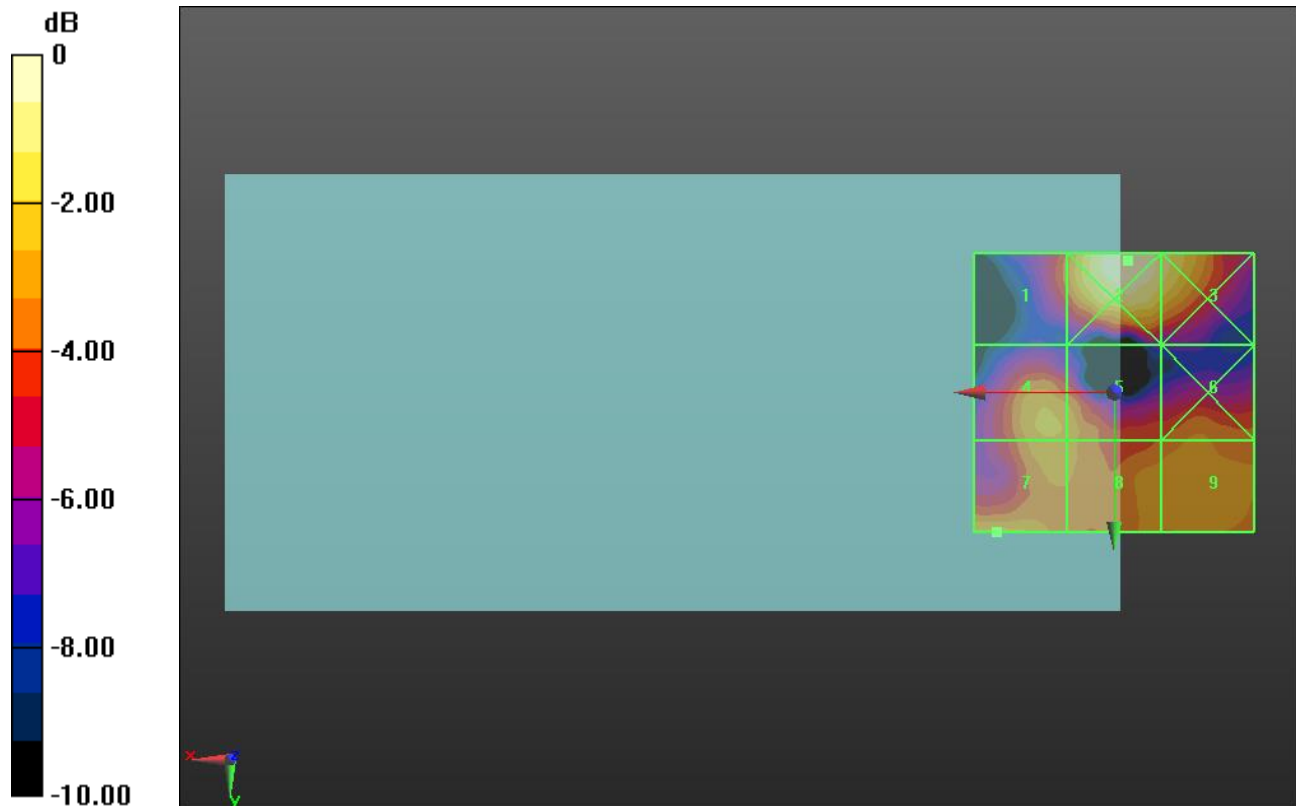
Applied MIF = -5.82 dB

RF audio interference level = 10.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.07 dBV/m	Grid 2 M4 12.65 dBV/m	Grid 3 M4 11.74 dBV/m
Grid 4 M4 10.16 dBV/m	Grid 5 M4 9.86 dBV/m	Grid 6 M4 9.48 dBV/m
Grid 7 M4 10.38 dBV/m	Grid 8 M4 9.72 dBV/m	Grid 9 M4 9.98 dBV/m



0 dB = 4.291 V/m = 12.65 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 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 = 6.769 V/m; Power Drift = -0.21 dB

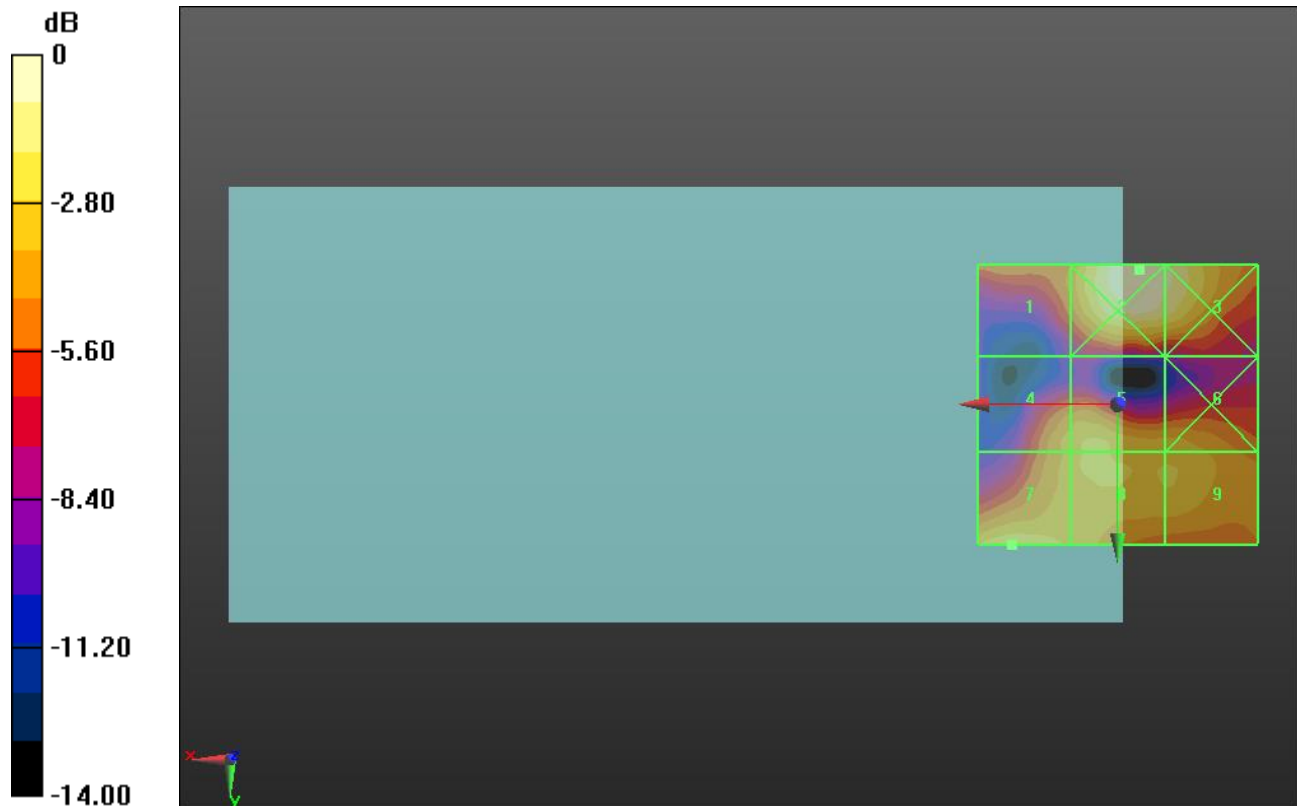
Applied MIF = -5.82 dB

RF audio interference level = 12.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.61 dBV/m	Grid 2 M4 13.9 dBV/m	Grid 3 M4 13.25 dBV/m
Grid 4 M4 10.74 dBV/m	Grid 5 M4 11.33 dBV/m	Grid 6 M4 10.8 dBV/m
Grid 7 M4 12.02 dBV/m	Grid 8 M4 11.42 dBV/m	Grid 9 M4 11.18 dBV/m



0 dB = 4.955 V/m = 13.90 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 = 5.427 V/m; Power Drift = -0.16 dB

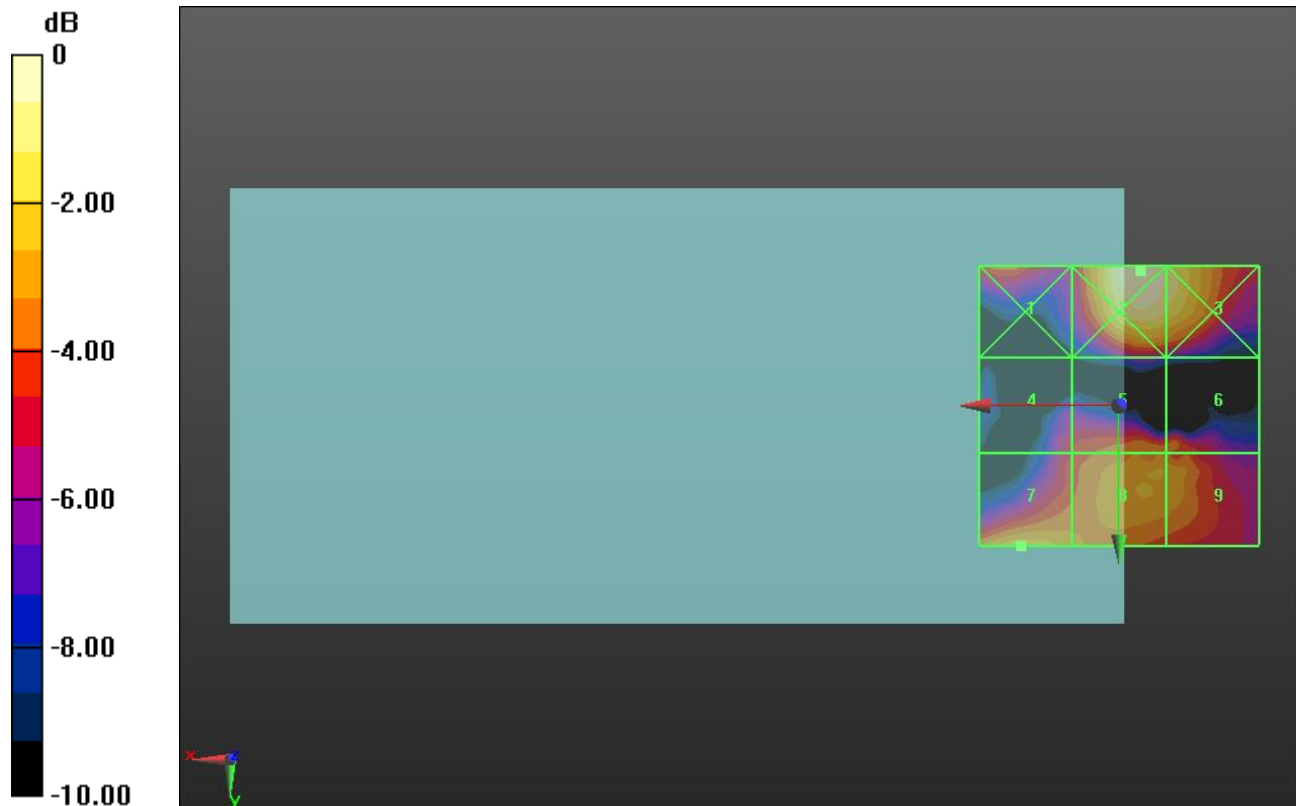
Applied MIF = -5.82 dB

RF audio interference level = 11.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.16 dBV/m	Grid 2 M4 13.67 dBV/m	Grid 3 M4 12.88 dBV/m
Grid 4 M4 9.04 dBV/m	Grid 5 M4 10.38 dBV/m	Grid 6 M4 10.06 dBV/m
Grid 7 M4 11.59 dBV/m	Grid 8 M4 11.08 dBV/m	Grid 9 M4 10.96 dBV/m



0 dB = 4.827 V/m = 13.67 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 = 3.290 V/m; Power Drift = -0.45 dB

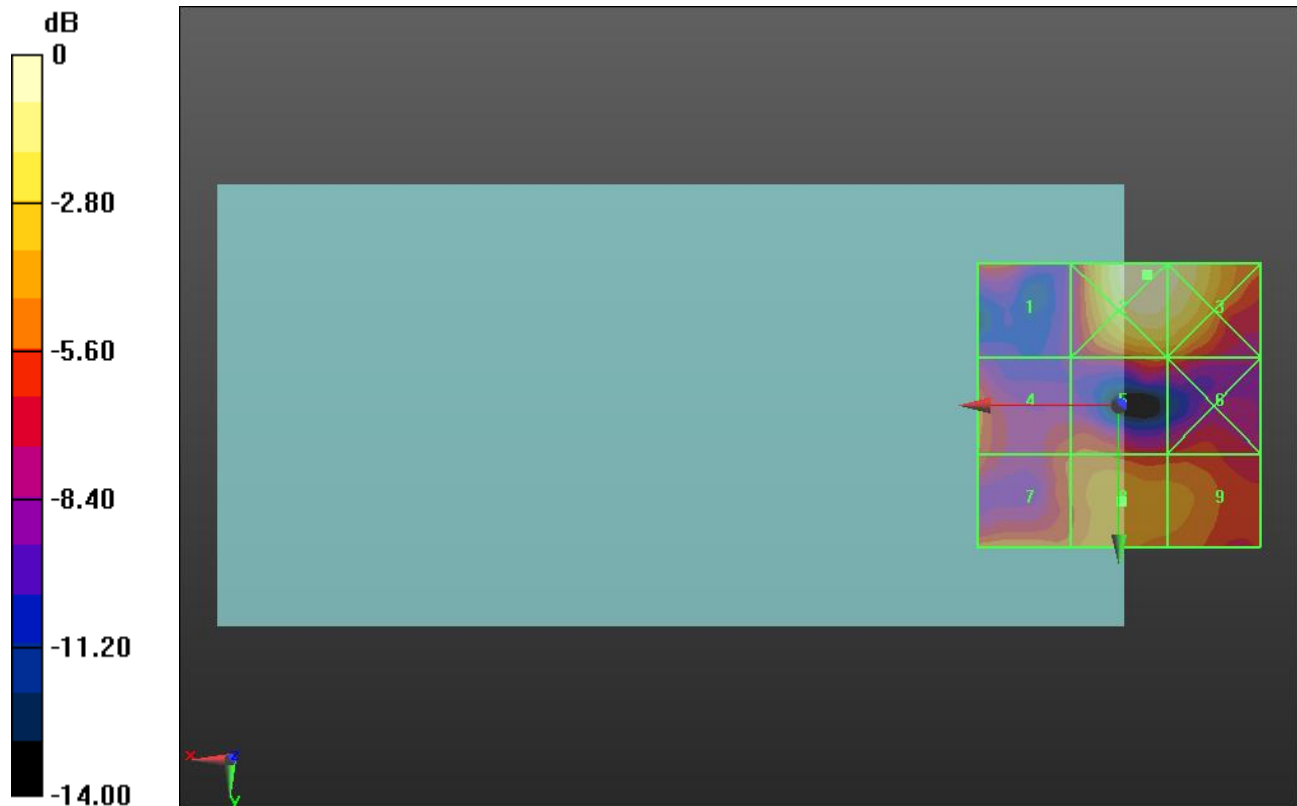
Applied MIF = -5.82 dB

RF audio interference level = 9.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.28 dBV/m	Grid 2 M4 13.75 dBV/m	Grid 3 M4 13.29 dBV/m
Grid 4 M4 8.9 dBV/m	Grid 5 M4 8.72 dBV/m	Grid 6 M4 8.56 dBV/m
Grid 7 M4 9.34 dBV/m	Grid 8 M4 9.75 dBV/m	Grid 9 M4 9.53 dBV/m



0 dB = 4.867 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 = 2.077 V/m; Power Drift = 0.22 dB

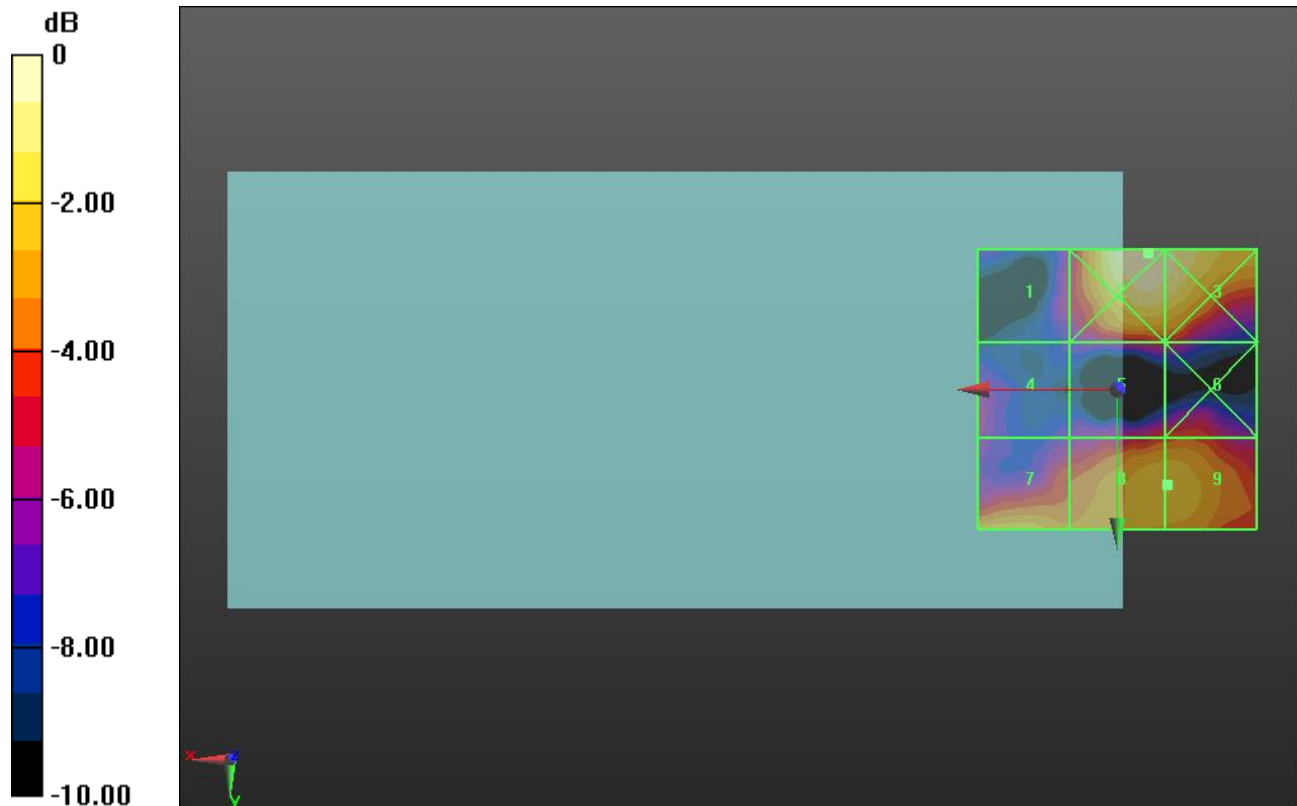
Applied MIF = -5.82 dB

RF audio interference level = 10.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 6.8 dBV/m	Grid 2 M4 11.95 dBV/m	Grid 3 M4 11.57 dBV/m
Grid 4 M4 6.61 dBV/m	Grid 5 M4 7.57 dBV/m	Grid 6 M4 7.9 dBV/m
Grid 7 M4 9.93 dBV/m	Grid 8 M4 9.99 dBV/m	Grid 9 M4 10 dBV/m



0 dB = 3.960 V/m = 11.95 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 = 11.15 V/m; Power Drift = -0.08 dB

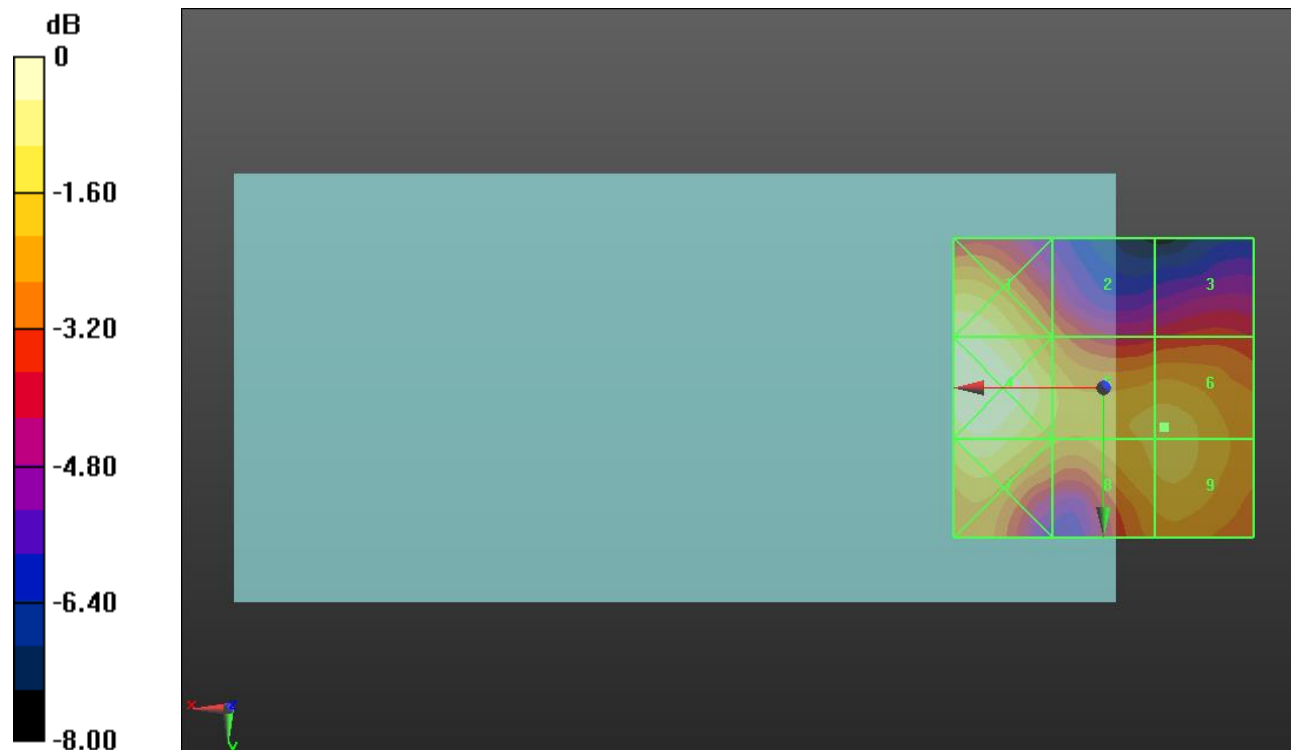
Applied MIF = -1.44 dB

RF audio interference level = 18.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.73 dBV/m	Grid 2 M4 17.58 dBV/m	Grid 3 M4 16.8 dBV/m
Grid 4 M4 20.23 dBV/m	Grid 5 M4 18.81 dBV/m	Grid 6 M4 18.84 dBV/m
Grid 7 M4 19.63 dBV/m	Grid 8 M4 18.76 dBV/m	Grid 9 M4 18.8 dBV/m



0 dB = 10.27 V/m = 20.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.560 V/m; Power Drift = -0.01 dB

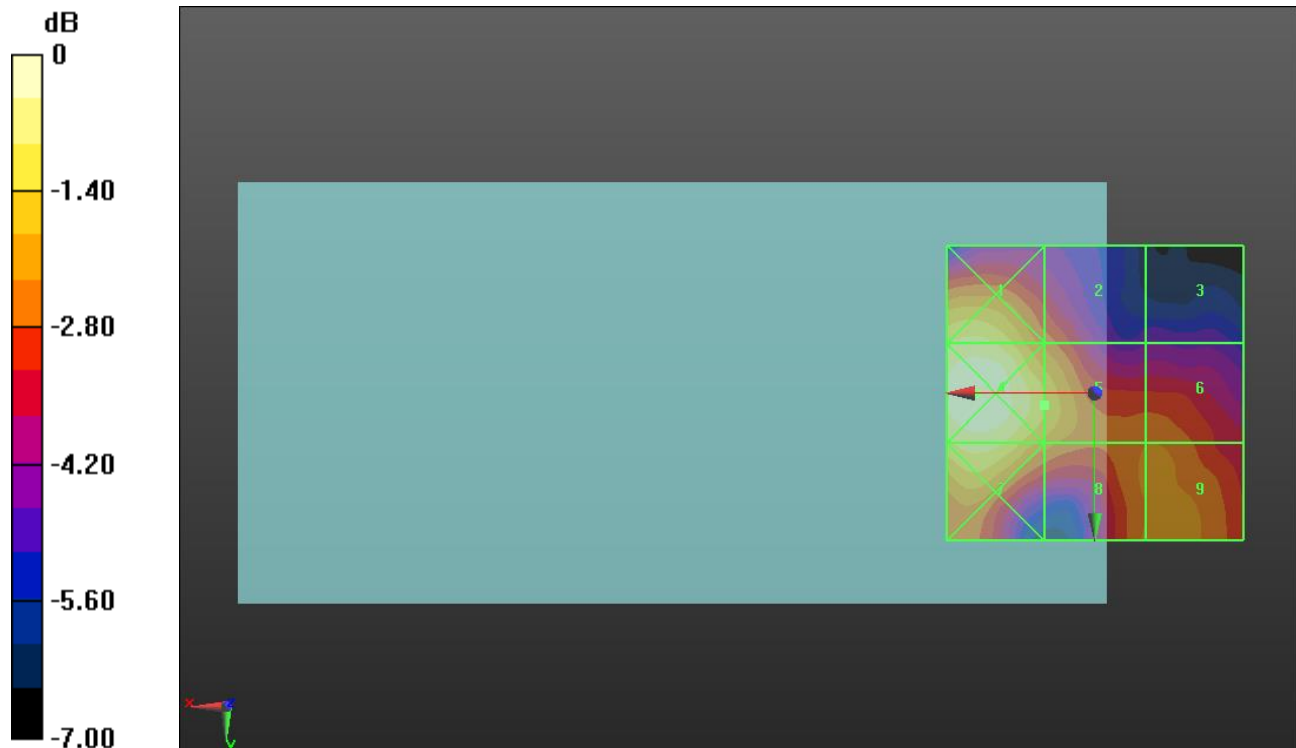
Applied MIF = -1.44 dB

RF audio interference level = 18.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.54 dBV/m	Grid 2 M4 17.79 dBV/m	Grid 3 M4 15.67 dBV/m
Grid 4 M4 20.29 dBV/m	Grid 5 M4 18.93 dBV/m	Grid 6 M4 17.96 dBV/m
Grid 7 M4 19.6 dBV/m	Grid 8 M4 18.21 dBV/m	Grid 9 M4 18.28 dBV/m



0 dB = 10.33 V/m = 20.28 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 = 8.451 V/m; Power Drift = -0.22 dB

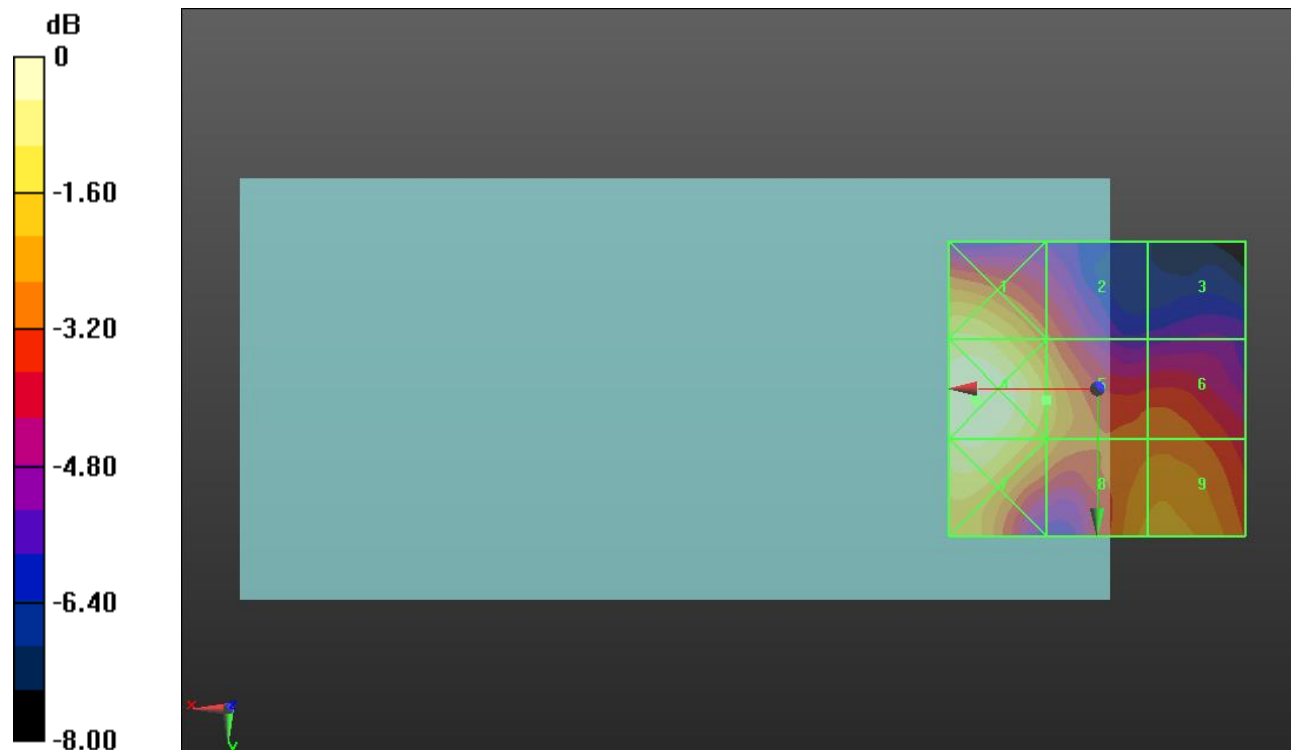
Applied MIF = -1.44 dB

RF audio interference level = 18.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.32 dBV/m	Grid 2 M4 17.23 dBV/m	Grid 3 M4 15.07 dBV/m
Grid 4 M4 20.23 dBV/m	Grid 5 M4 18.52 dBV/m	Grid 6 M4 17.43 dBV/m
Grid 7 M4 19.86 dBV/m	Grid 8 M4 18.31 dBV/m	Grid 9 M4 18.45 dBV/m



0 dB = 10.27 V/m = 20.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.285 V/m; Power Drift = -0.13 dB

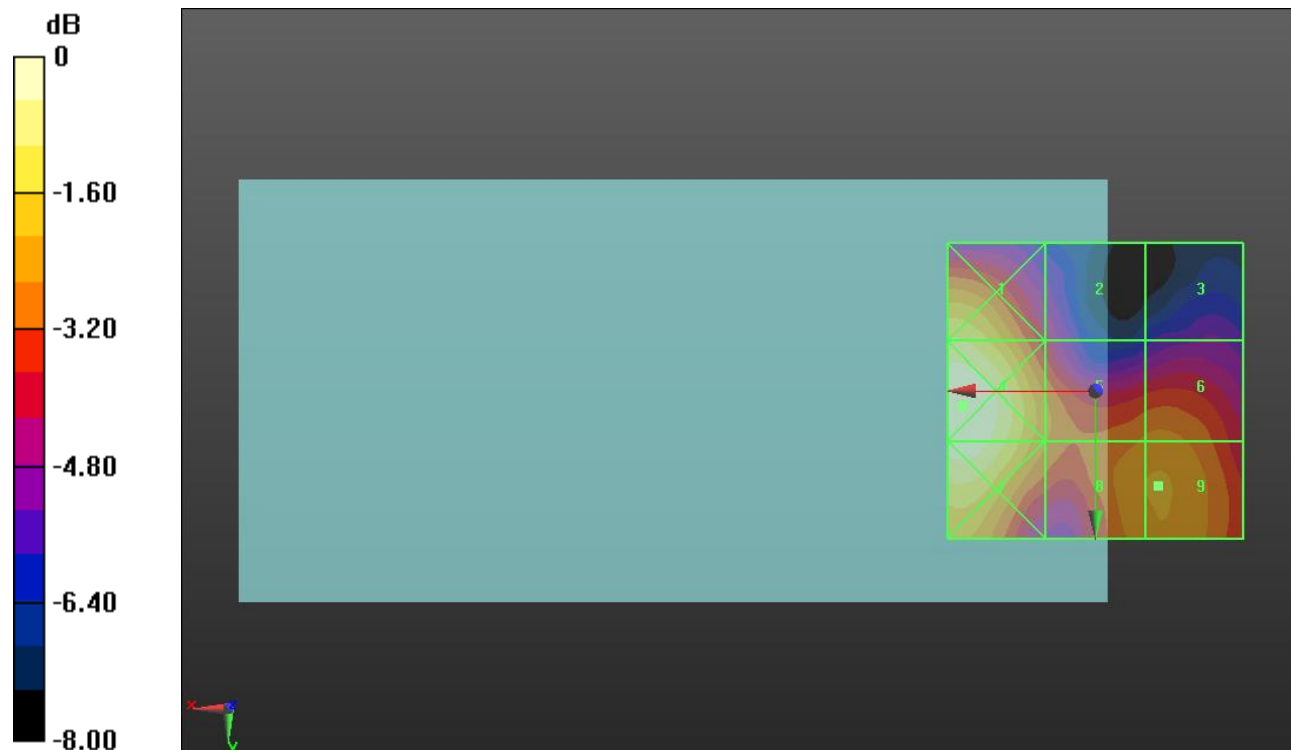
Applied MIF = -1.44 dB

RF audio interference level = 19.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.29 dBV/m	Grid 2 M4 17.18 dBV/m	Grid 3 M4 16.08 dBV/m
Grid 4 M4 21.26 dBV/m	Grid 5 M4 18.82 dBV/m	Grid 6 M4 18.81 dBV/m
Grid 7 M4 21.05 dBV/m	Grid 8 M4 19.14 dBV/m	Grid 9 M4 19.2 dBV/m



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

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 33.09 V/m; Power Drift = -0.06 dB

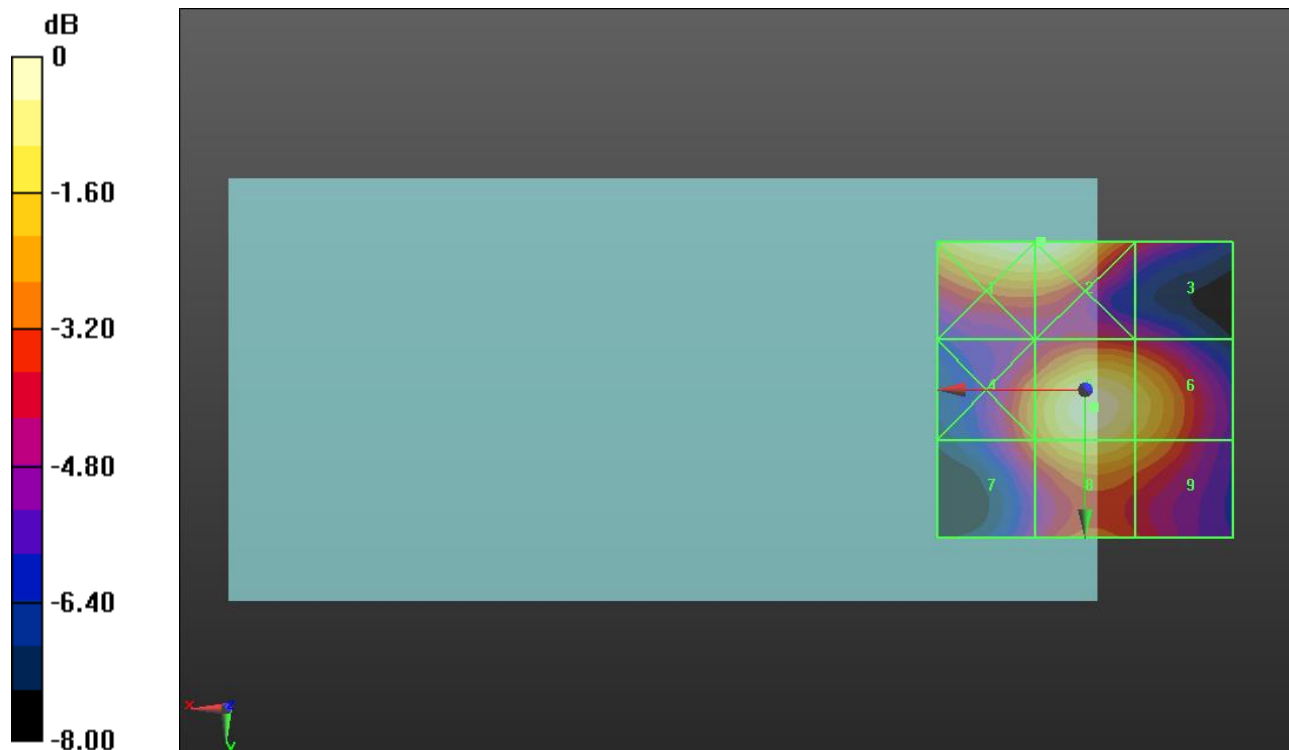
Applied MIF = -1.44 dB

RF audio interference level = 24.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.71 dBV/m	Grid 2 M4 24.72 dBV/m	Grid 3 M4 21.09 dBV/m
Grid 4 M4 22.64 dBV/m	Grid 5 M4 24.55 dBV/m	Grid 6 M4 23.69 dBV/m
Grid 7 M4 22.09 dBV/m	Grid 8 M4 23.82 dBV/m	Grid 9 M4 22.99 dBV/m



0 dB = 17.22 V/m = 24.72 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 = 34.13 V/m; Power Drift = 0.02 dB

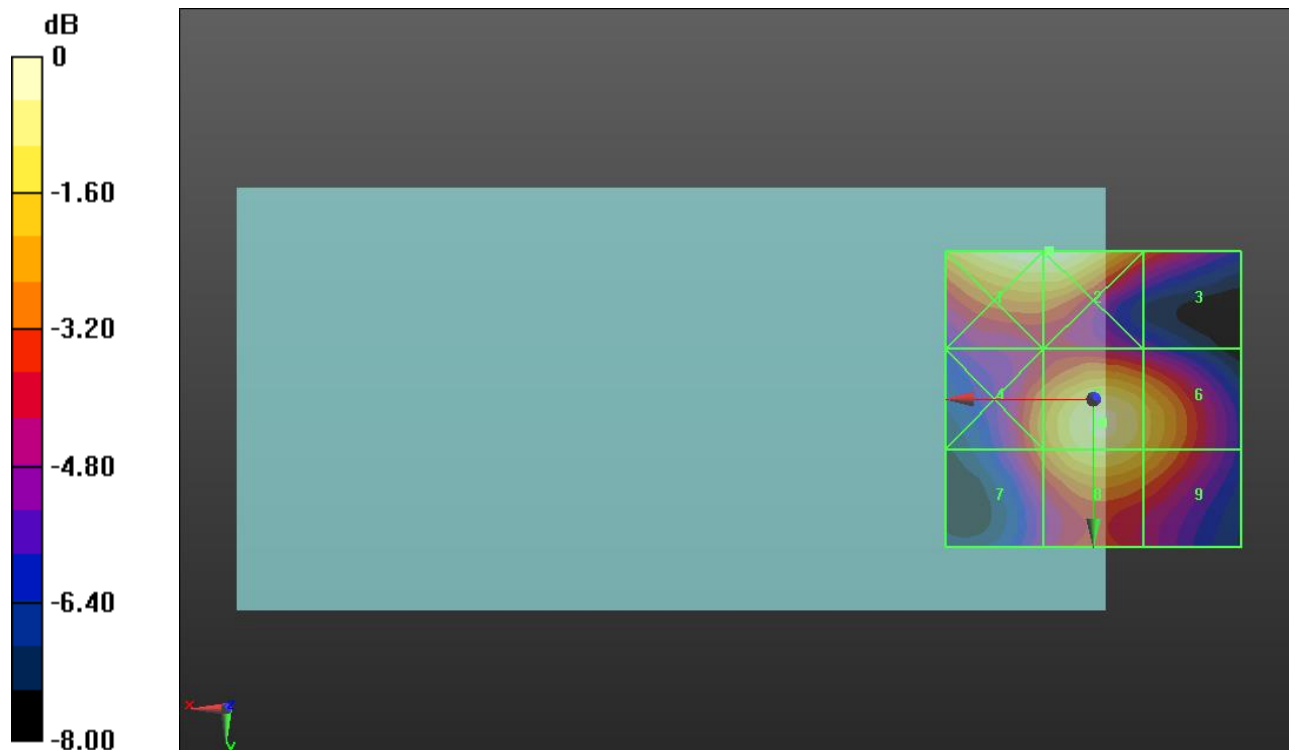
Applied MIF = -1.44 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.58 dBV/m	Grid 2 M4 25.58 dBV/m	Grid 3 M4 22.61 dBV/m
Grid 4 M4 23.3 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 22.9 dBV/m	Grid 8 M4 24.72 dBV/m	Grid 9 M4 23.91 dBV/m



0 dB = 19.01 V/m = 25.58 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 = 32.00 V/m; Power Drift = -0.02 dB

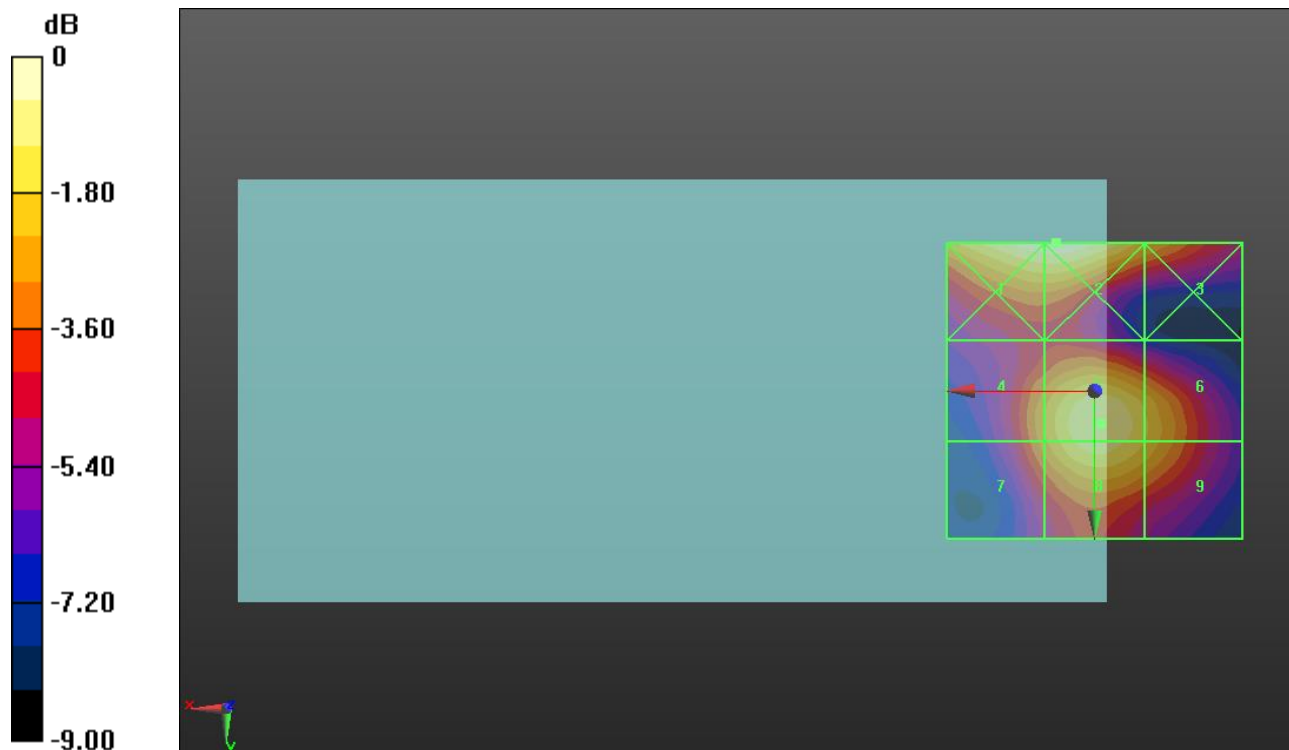
Applied MIF = -1.44 dB

RF audio interference level = 25.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.53 dBV/m	Grid 2 M4 25.59 dBV/m	Grid 3 M4 23.44 dBV/m
Grid 4 M4 23.25 dBV/m	Grid 5 M4 25 dBV/m	Grid 6 M4 23.94 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 24.77 dBV/m	Grid 9 M4 23.77 dBV/m



0 dB = 19.03 V/m = 25.59 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 = 27.01 V/m; Power Drift = 0.01 dB

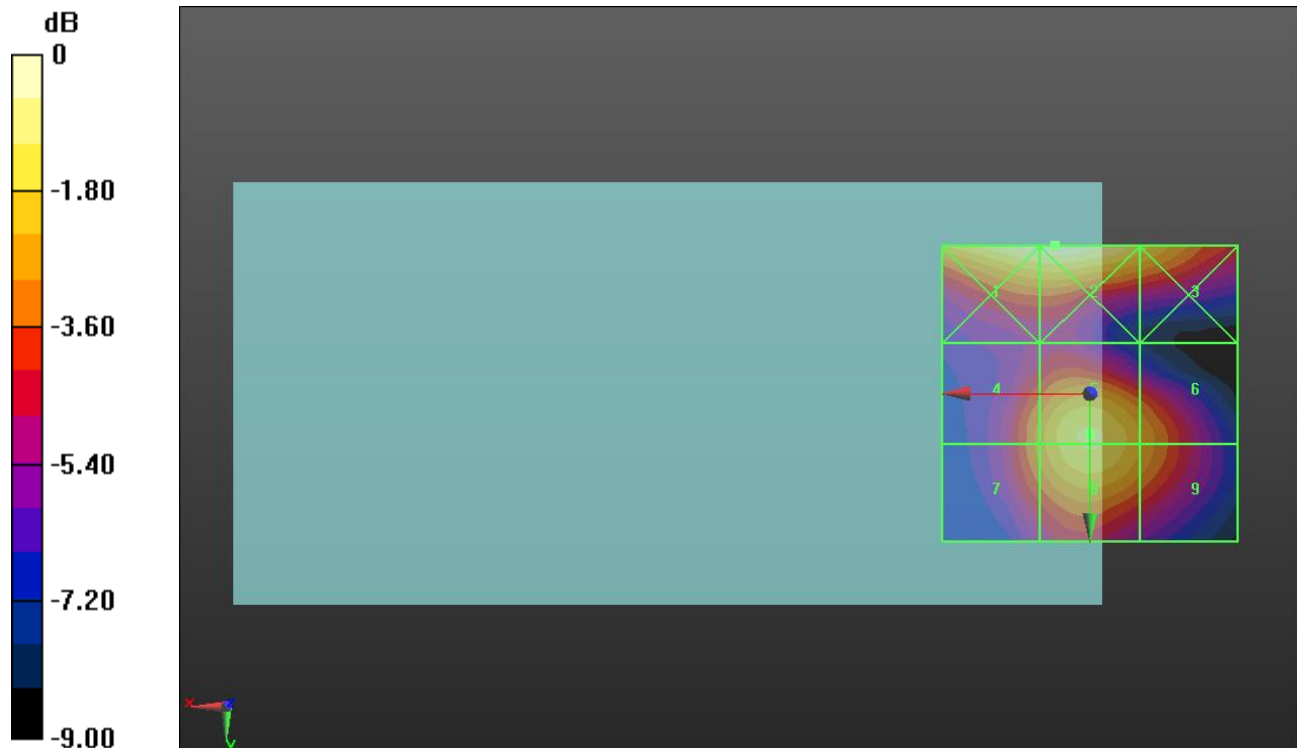
Applied MIF = -1.44 dB

RF audio interference level = 24.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.26 dBV/m	Grid 2 M4 25.35 dBV/m	Grid 3 M4 23.88 dBV/m
Grid 4 M4 22.66 dBV/m	Grid 5 M4 24.27 dBV/m	Grid 6 M4 23.01 dBV/m
Grid 7 M4 22.65 dBV/m	Grid 8 M4 24.22 dBV/m	Grid 9 M4 22.99 dBV/m



0 dB = 18.51 V/m = 25.35 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.149 V/m; Power Drift = -0.18 dB

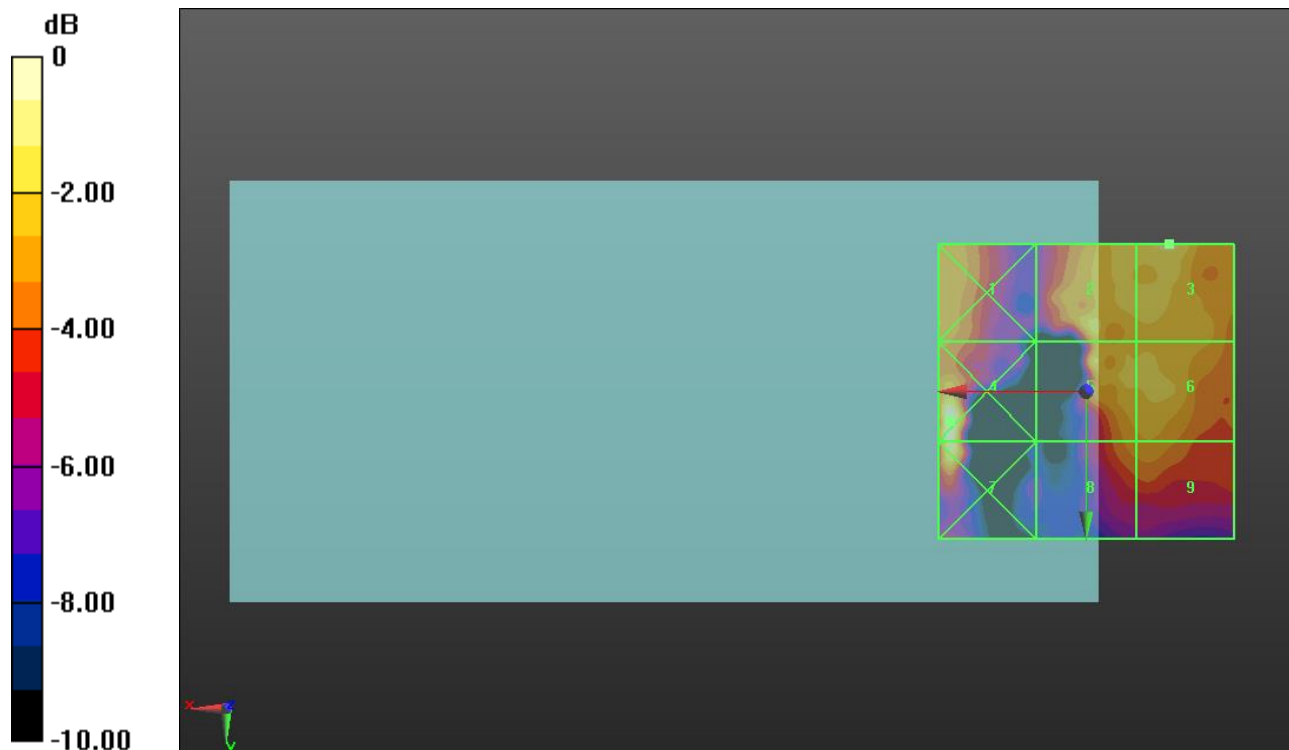
Applied MIF = -1.44 dB

RF audio interference level = 12.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 10.6 dBV/m	Grid 2 M4 11.78 dBV/m	Grid 3 M4 12.22 dBV/m
Grid 4 M4 13.21 dBV/m	Grid 5 M4 11.42 dBV/m	Grid 6 M4 11.36 dBV/m
Grid 7 M4 12.72 dBV/m	Grid 8 M4 10.35 dBV/m	Grid 9 M4 10.51 dBV/m



0 dB = 4.577 V/m = 13.21 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.225 V/m; Power Drift = -0.40 dB

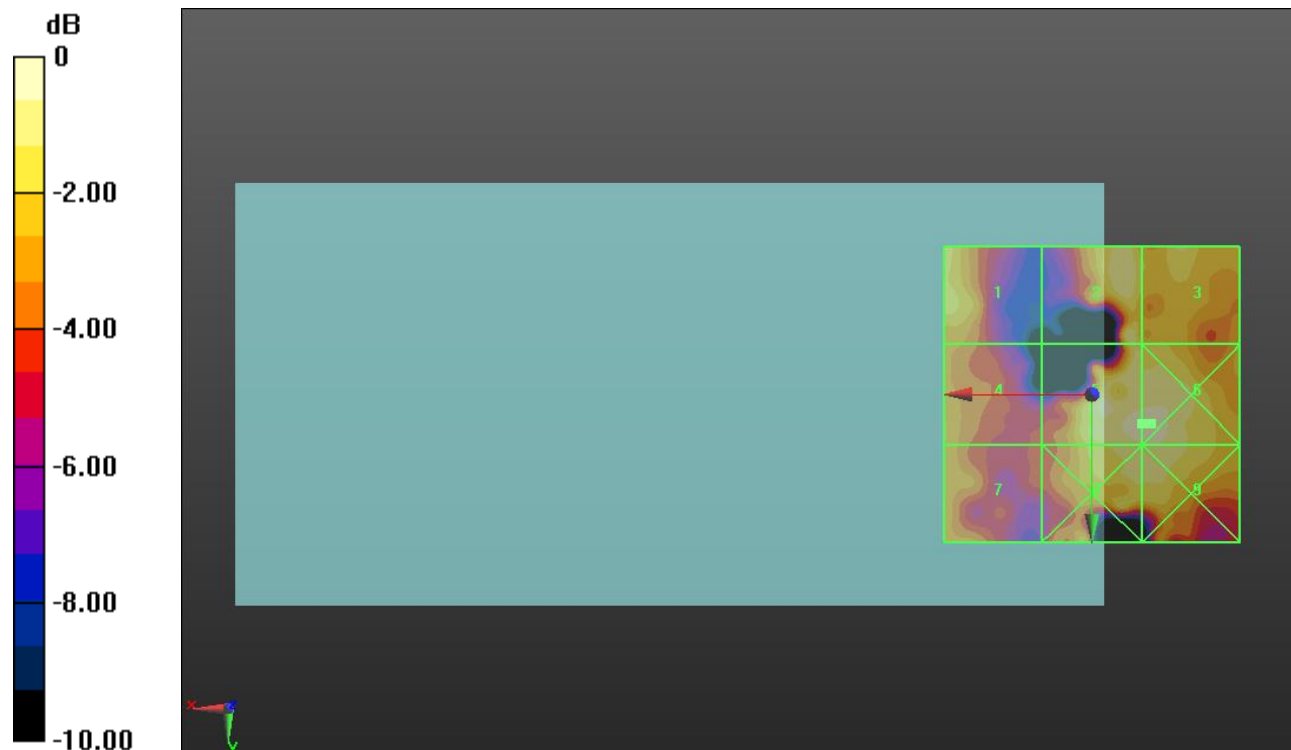
Applied MIF = -1.44 dB

RF audio interference level = 10.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 9.8 dBV/m	Grid 2 M4 10.34 dBV/m	Grid 3 M4 9.79 dBV/m
Grid 4 M4 8.45 dBV/m	Grid 5 M4 10.81 dBV/m	Grid 6 M4 10.99 dBV/m
Grid 7 M4 8.48 dBV/m	Grid 8 M4 10.32 dBV/m	Grid 9 M4 10.35 dBV/m



0 dB = 3.543 V/m = 10.99 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 = 3.314 V/m; Power Drift = 0.45 dB

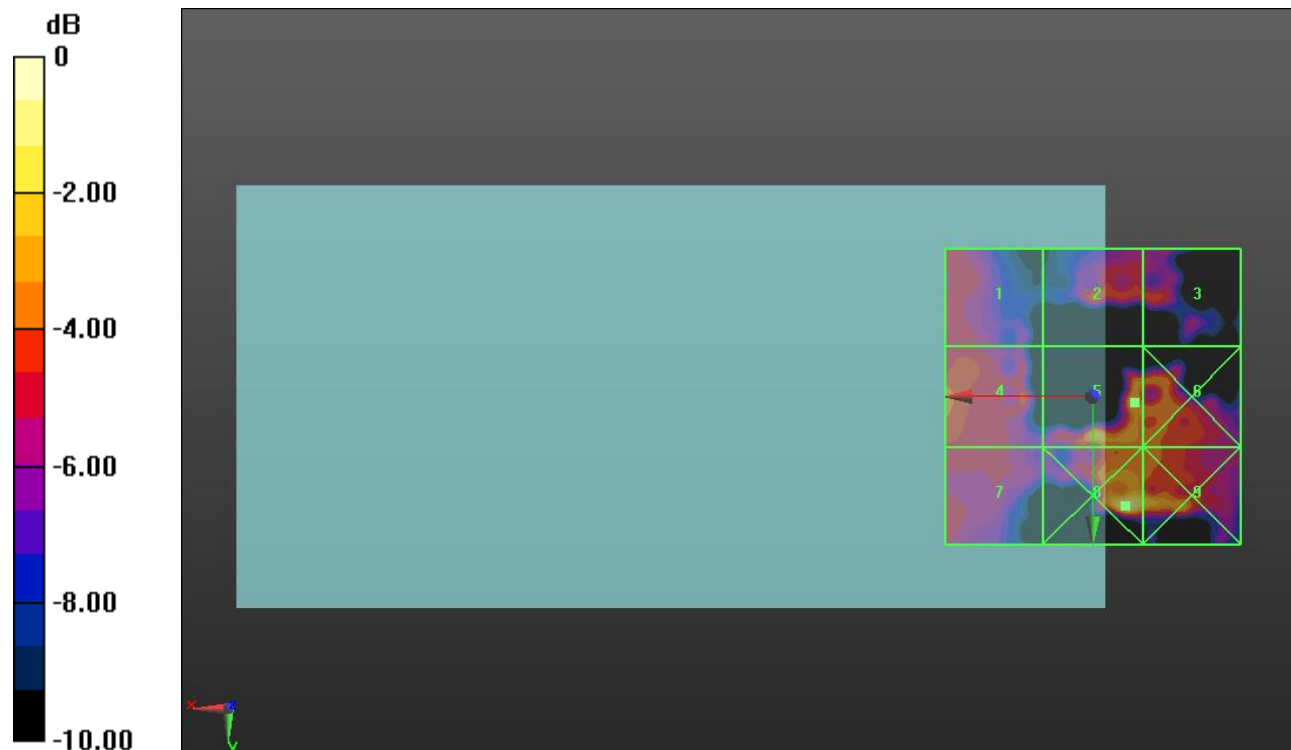
Applied MIF = -1.44 dB

RF audio interference level = 11.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.81 dBV/m	Grid 2 M4 9.67 dBV/m	Grid 3 M4 9.56 dBV/m
Grid 4 M4 9.96 dBV/m	Grid 5 M4 11.19 dBV/m	Grid 6 M4 10.26 dBV/m
Grid 7 M4 8.96 dBV/m	Grid 8 M4 13.57 dBV/m	Grid 9 M4 11.83 dBV/m



0 dB = 4.770 V/m = 13.57 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 = 3.176 V/m; Power Drift = 0.12 dB

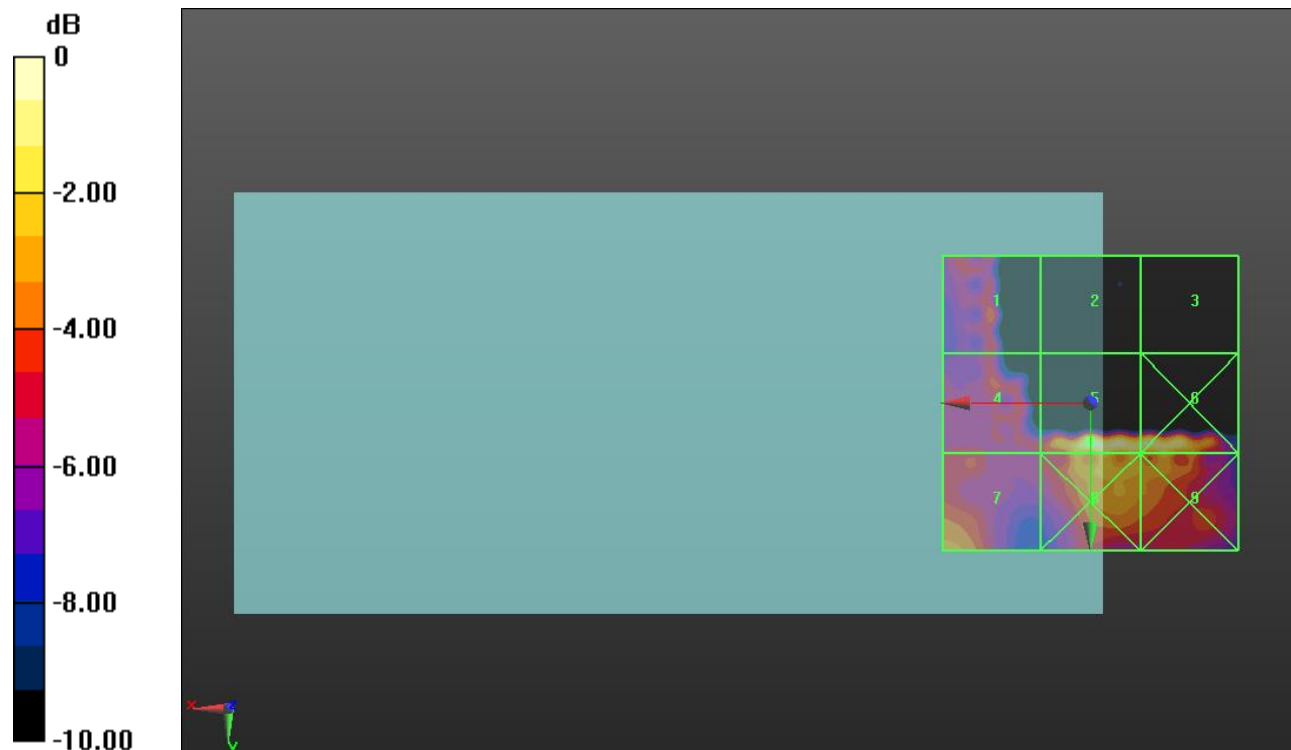
Applied MIF = -1.44 dB

RF audio interference level = 13.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 9.75 dBV/m	Grid 2 M4 6.11 dBV/m	Grid 3 M4 5.2 dBV/m
Grid 4 M4 9.39 dBV/m	Grid 5 M4 13.85 dBV/m	Grid 6 M4 13.49 dBV/m
Grid 7 M4 10.84 dBV/m	Grid 8 M4 12.36 dBV/m	Grid 9 M4 11.75 dBV/m



0 dB = 4.927 V/m = 13.85 dBV/m