

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.45 V/m; Power Drift = -0.13 dB

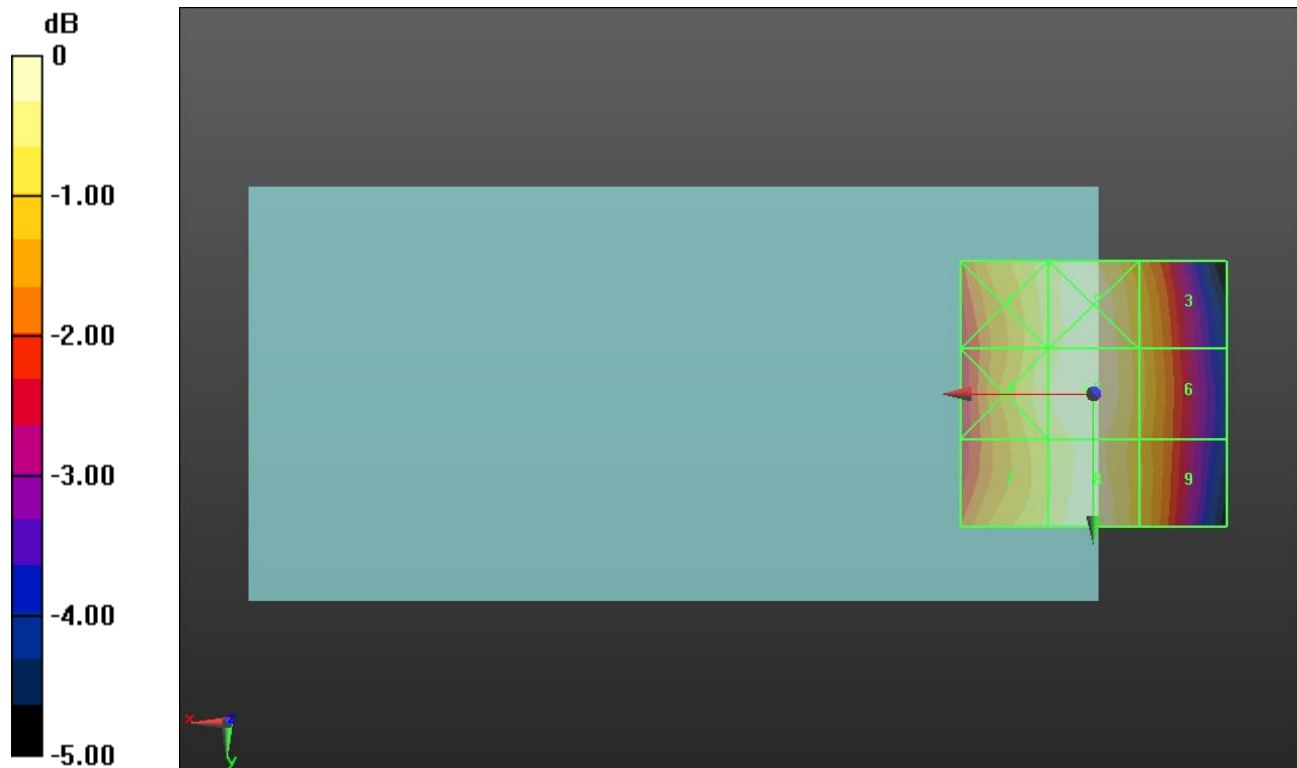
Applied MIF = 3.63 dB

RF audio interference level = 32.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.26 dBV/m	Grid 2 M4 32.64 dBV/m	Grid 3 M4 31.88 dBV/m
Grid 4 M4 32.39 dBV/m	Grid 5 M4 32.75 dBV/m	Grid 6 M4 31.96 dBV/m
Grid 7 M4 32.2 dBV/m	Grid 8 M4 32.6 dBV/m	Grid 9 M4 31.87 dBV/m



0 dB = 43.38 V/m = 32.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

GSM850 E-Field measurement/Voice_ch 190/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.80 V/m; Power Drift = -0.04 dB

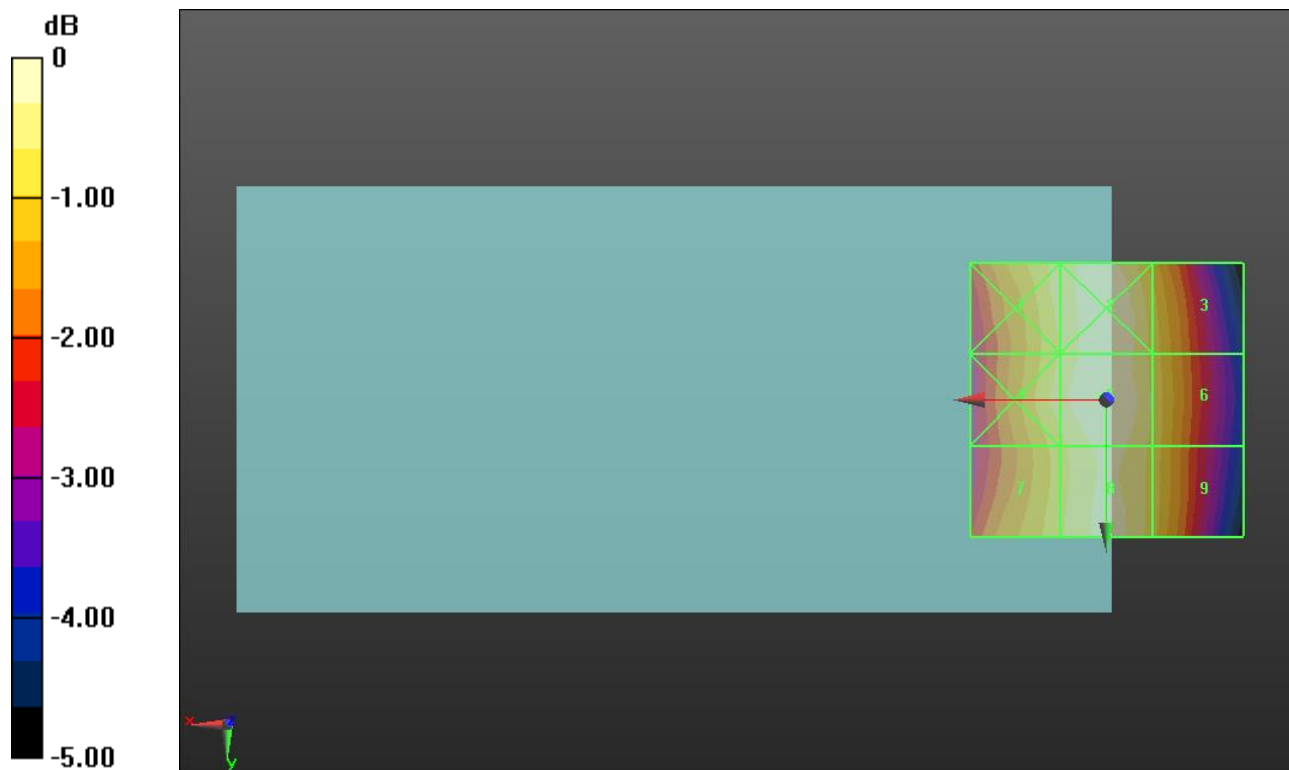
Applied MIF = 3.63 dB

RF audio interference level = 33.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.86 dBV/m	Grid 2 M4 33.28 dBV/m	Grid 3 M4 32.57 dBV/m
Grid 4 M4 32.89 dBV/m	Grid 5 M4 33.36 dBV/m	Grid 6 M4 32.64 dBV/m
Grid 7 M4 32.64 dBV/m	Grid 8 M4 33.11 dBV/m	Grid 9 M4 32.58 dBV/m



0 dB = 46.55 V/m = 33.36 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.15 V/m; Power Drift = 0.07 dB

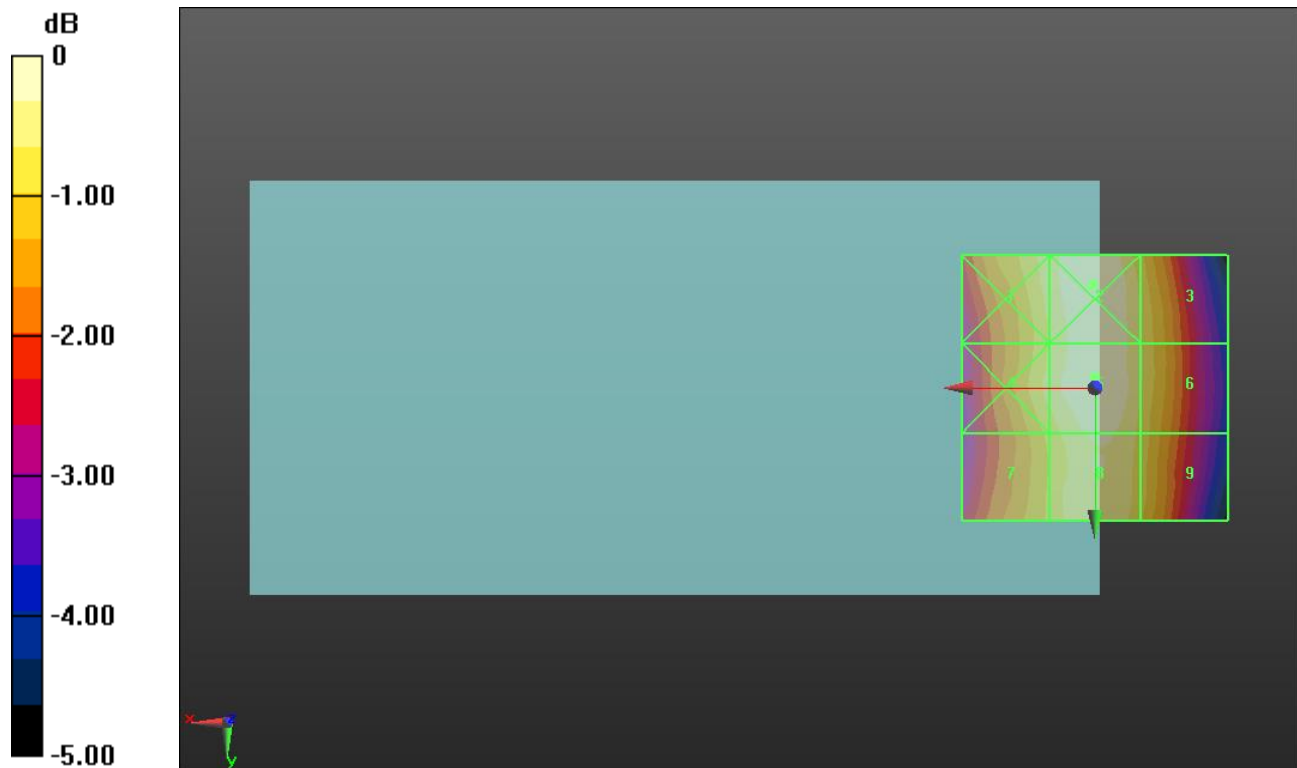
Applied MIF = 3.63 dB

RF audio interference level = 33.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.78 dBV/m	Grid 2 M4 33.25 dBV/m	Grid 3 M4 32.64 dBV/m
Grid 4 M4 32.73 dBV/m	Grid 5 M4 33.23 dBV/m	Grid 6 M4 32.65 dBV/m
Grid 7 M4 32.38 dBV/m	Grid 8 M4 32.97 dBV/m	Grid 9 M4 32.5 dBV/m



0 dB = 45.99 V/m = 33.25 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.33 V/m; Power Drift = -0.09 dB

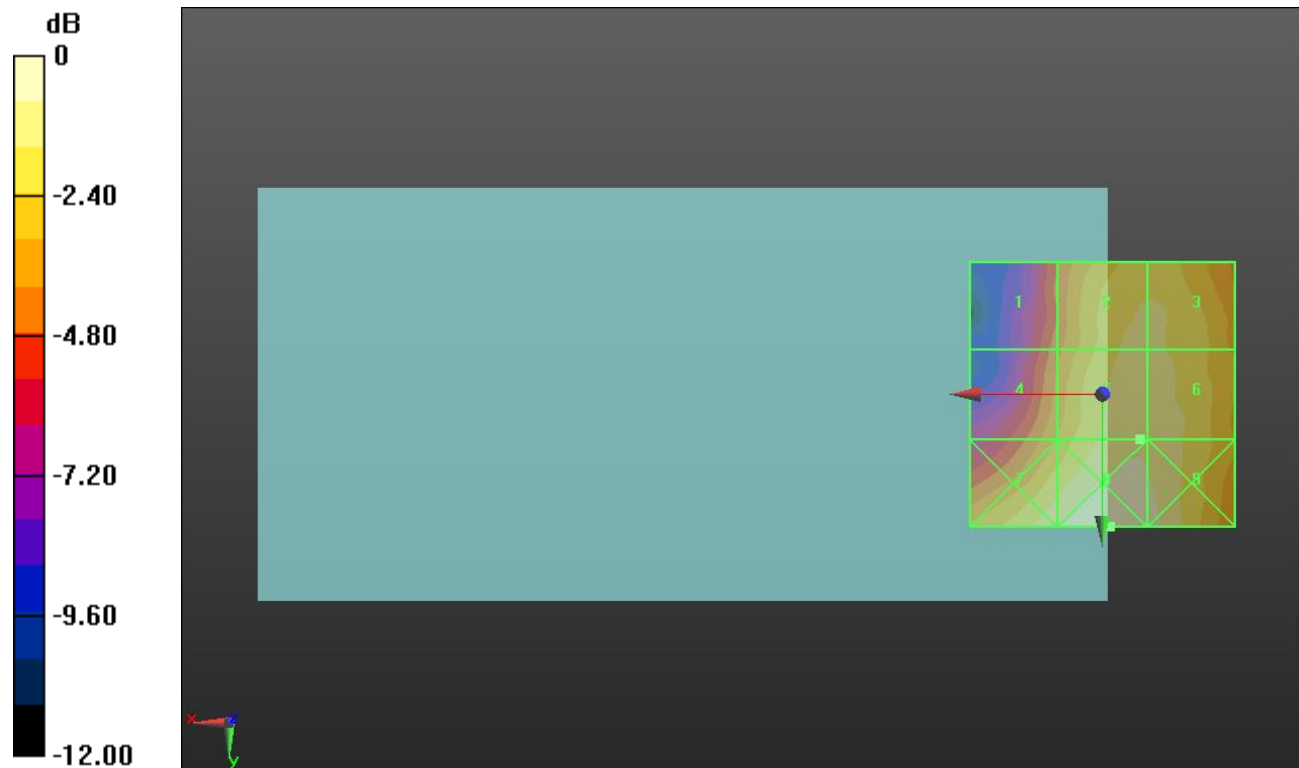
Applied MIF = 3.63 dB

RF audio interference level = 26.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.01 dBV/m	Grid 2 M4 25.94 dBV/m	Grid 3 M4 25.9 dBV/m
Grid 4 M4 24.16 dBV/m	Grid 5 M4 26.35 dBV/m	Grid 6 M4 26.32 dBV/m
Grid 7 M4 26.44 dBV/m	Grid 8 M4 27.28 dBV/m	Grid 9 M4 26.87 dBV/m



0 dB = 23.13 V/m = 27.28 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.69 V/m; Power Drift = -0.04 dB

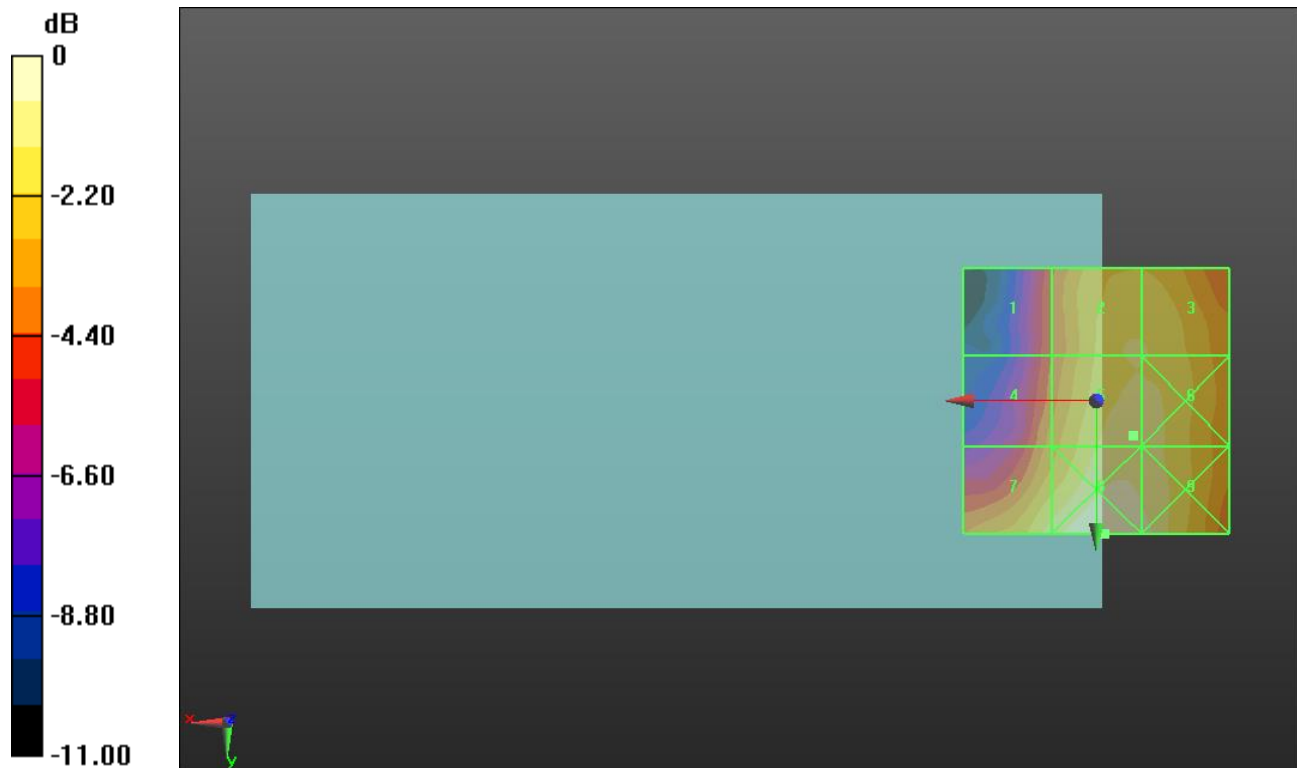
Applied MIF = 3.63 dB

RF audio interference level = 26.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.79 dBV/m	Grid 2 M4 25.69 dBV/m	Grid 3 M4 25.67 dBV/m
Grid 4 M4 23.81 dBV/m	Grid 5 M4 26.1 dBV/m	Grid 6 M4 26.07 dBV/m
Grid 7 M4 26 dBV/m	Grid 8 M4 27.1 dBV/m	Grid 9 M4 26.7 dBV/m



0 dB = 22.64 V/m = 27.10 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.08 V/m; Power Drift = 0.01 dB

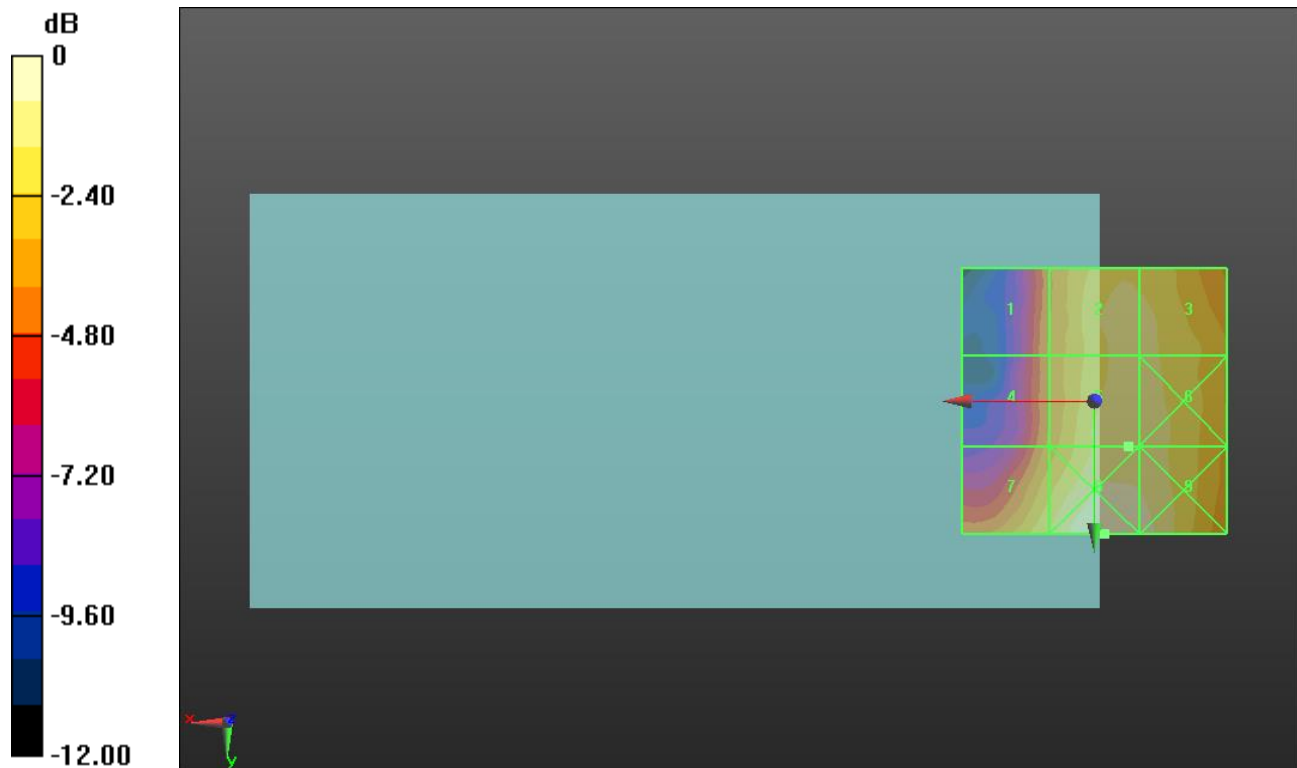
Applied MIF = 3.63 dB

RF audio interference level = 26.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.45 dBV/m	Grid 2 M4 26.05 dBV/m	Grid 3 M4 25.99 dBV/m
Grid 4 M4 23.62 dBV/m	Grid 5 M4 26.17 dBV/m	Grid 6 M4 26.15 dBV/m
Grid 7 M4 25.79 dBV/m	Grid 8 M4 27.28 dBV/m	Grid 9 M4 26.94 dBV/m



0 dB = 23.13 V/m = 27.28 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 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.1013/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.18 V/m; Power Drift = 0.25 dB

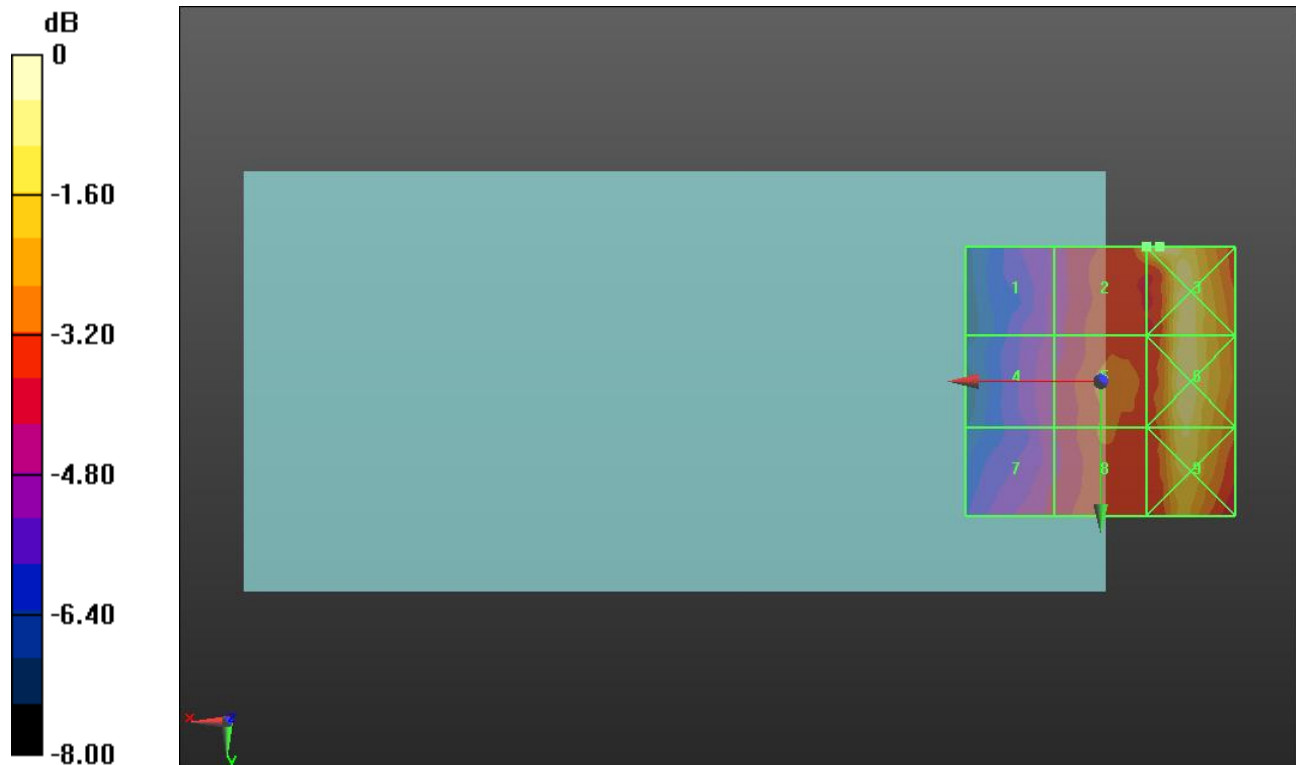
Applied MIF = 3.26 dB

RF audio interference level = 27.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.71 dBV/m	Grid 2 M4 27.1 dBV/m	Grid 3 M4 28.22 dBV/m
Grid 4 M4 24.02 dBV/m	Grid 5 M4 25.27 dBV/m	Grid 6 M4 27.63 dBV/m
Grid 7 M4 24.18 dBV/m	Grid 8 M4 25.12 dBV/m	Grid 9 M4 27.22 dBV/m



0 dB = 25.77 V/m = 28.22 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.384/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.73 V/m; Power Drift = -0.07 dB

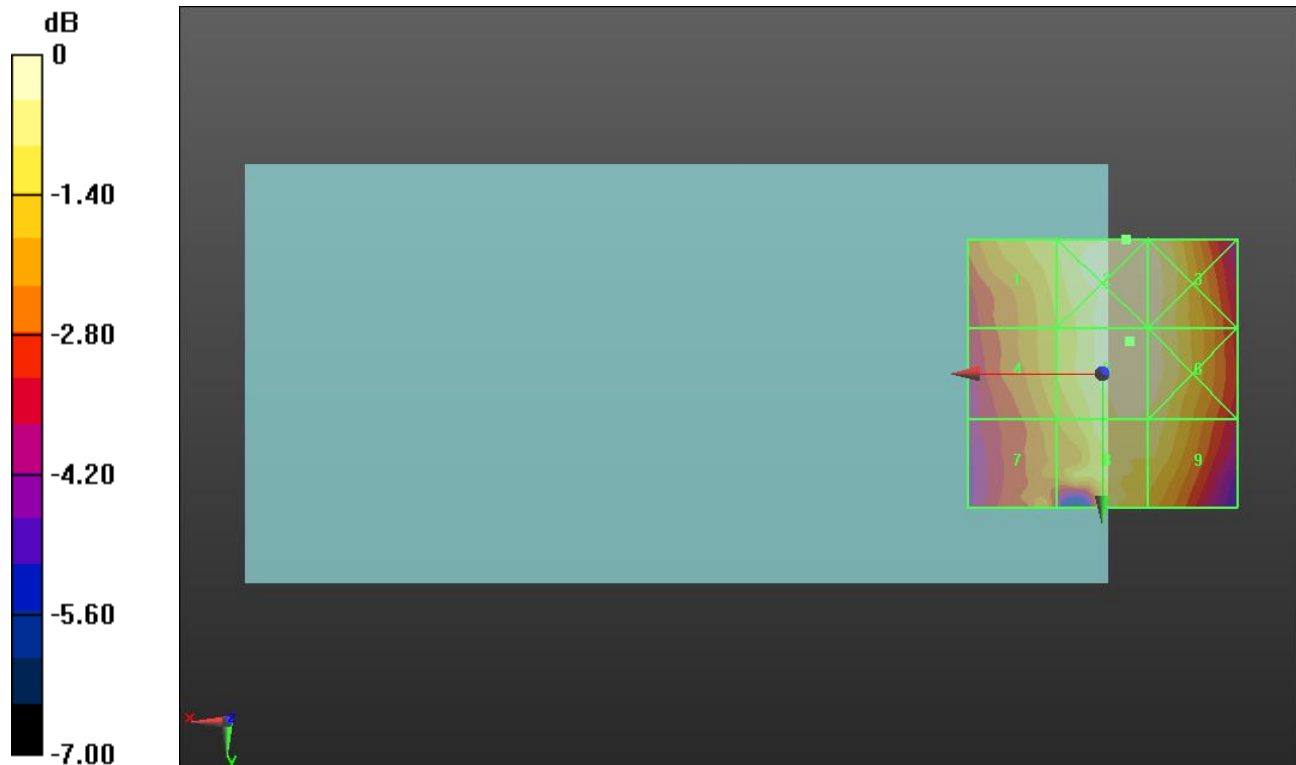
Applied MIF = 3.26 dB

RF audio interference level = 28.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.65 dBV/m	Grid 2 M4 28.5 dBV/m	Grid 3 M4 28.35 dBV/m
Grid 4 M4 27.14 dBV/m	Grid 5 M4 28.47 dBV/m	Grid 6 M4 28.31 dBV/m
Grid 7 M4 26.64 dBV/m	Grid 8 M4 28.05 dBV/m	Grid 9 M4 27.95 dBV/m



0 dB = 26.62 V/m = 28.50 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.777/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.09 V/m; Power Drift = -0.11 dB

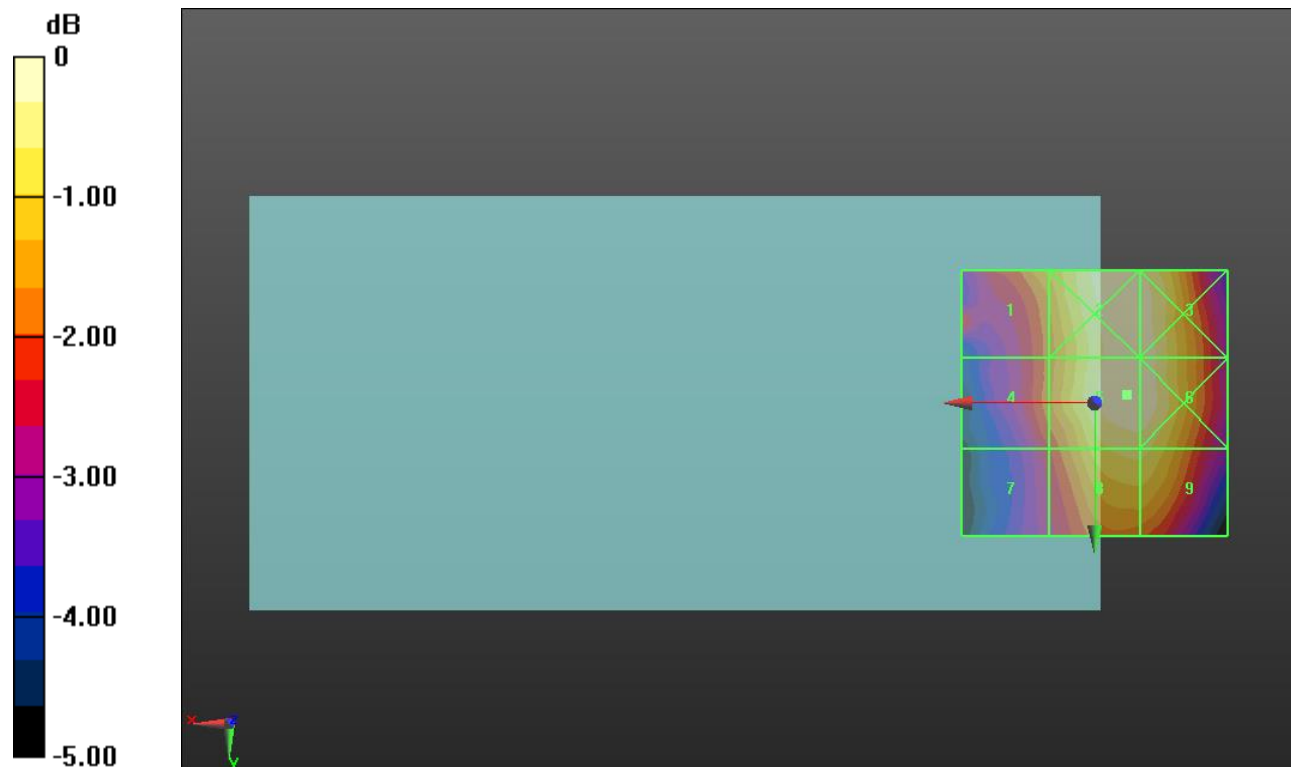
Applied MIF = 3.26 dB

RF audio interference level = 28.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.39 dBV/m	Grid 2 M4 28.58 dBV/m	Grid 3 M4 28.52 dBV/m
Grid 4 M4 26.86 dBV/m	Grid 5 M4 28.59 dBV/m	Grid 6 M4 28.55 dBV/m
Grid 7 M4 26.27 dBV/m	Grid 8 M4 28.06 dBV/m	Grid 9 M4 28.05 dBV/m



0 dB = 26.88 V/m = 28.59 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.60 V/m; Power Drift = -0.16 dB

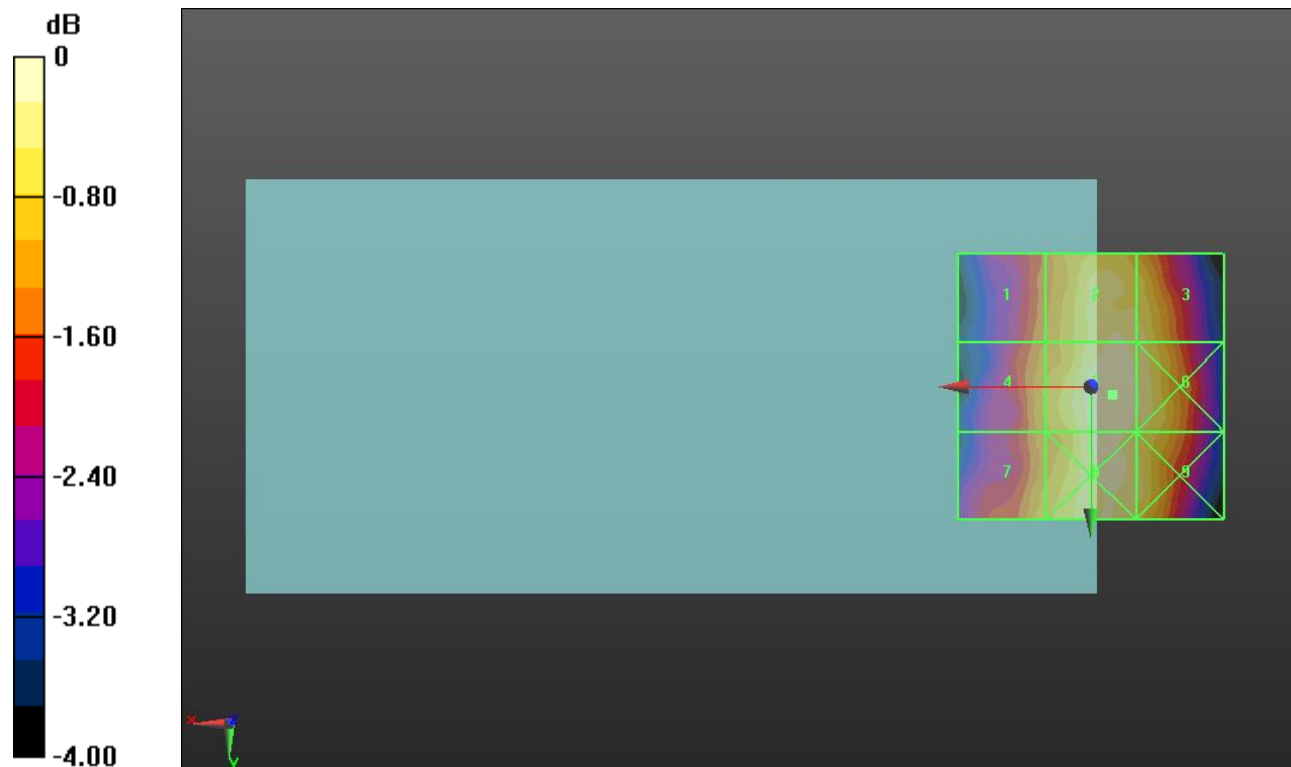
Applied MIF = 3.26 dB

RF audio interference level = 24.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.54 dBV/m	Grid 2 M4 24.57 dBV/m	Grid 3 M4 24.44 dBV/m
Grid 4 M4 23.8 dBV/m	Grid 5 M4 24.8 dBV/m	Grid 6 M4 24.6 dBV/m
Grid 7 M4 23.95 dBV/m	Grid 8 M4 24.65 dBV/m	Grid 9 M4 24.41 dBV/m



0 dB = 17.38 V/m = 24.80 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 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.489 V/m; Power Drift = -0.02 dB

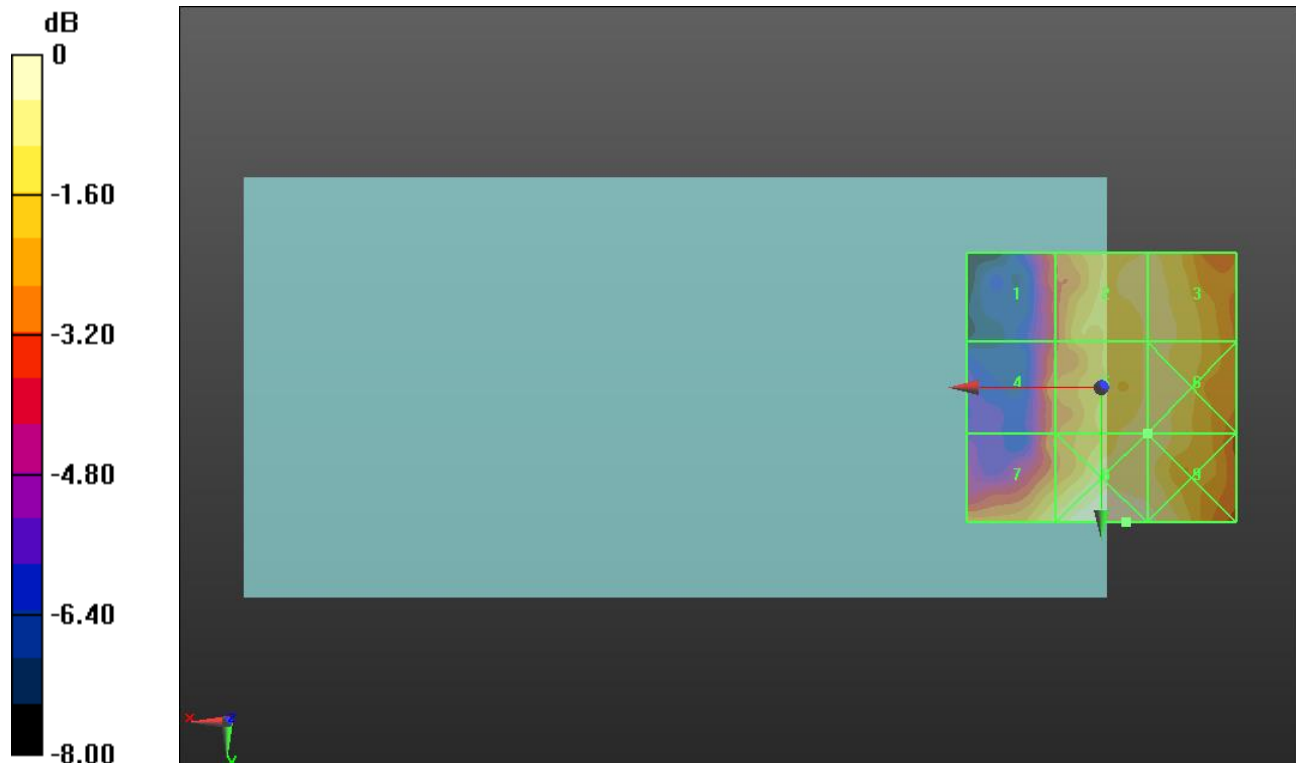
Applied MIF = 3.26 dB

RF audio interference level = 20.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.22 dBV/m	Grid 2 M4 20.36 dBV/m	Grid 3 M4 20.27 dBV/m
Grid 4 M4 18.59 dBV/m	Grid 5 M4 20.48 dBV/m	Grid 6 M4 20.51 dBV/m
Grid 7 M4 20.33 dBV/m	Grid 8 M4 21.13 dBV/m	Grid 9 M4 20.82 dBV/m



0 dB = 11.39 V/m = 21.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.45 V/m; Power Drift = 0.13 dB

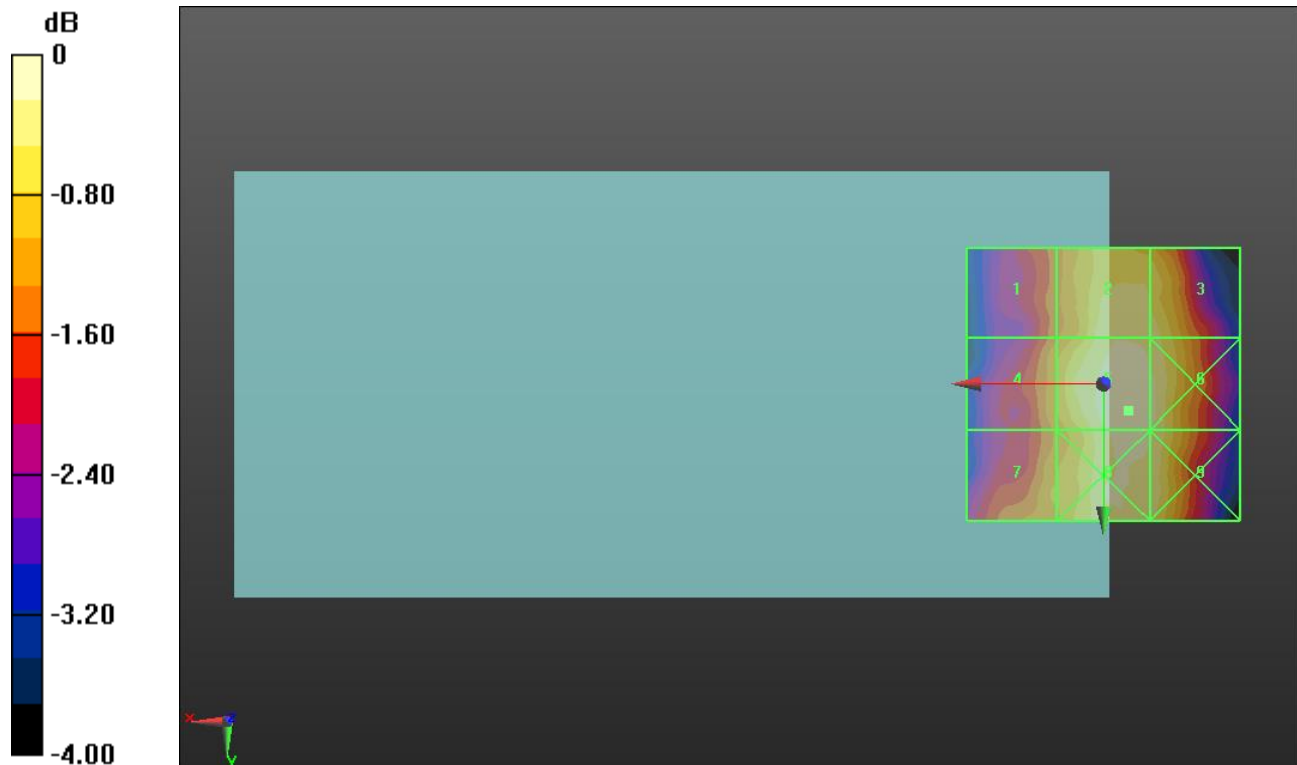
Applied MIF = 3.26 dB

RF audio interference level = 24.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.61 dBV/m	Grid 2 M4 24.71 dBV/m	Grid 3 M4 24.61 dBV/m
Grid 4 M4 23.94 dBV/m	Grid 5 M4 24.98 dBV/m	Grid 6 M4 24.8 dBV/m
Grid 7 M4 23.99 dBV/m	Grid 8 M4 24.89 dBV/m	Grid 9 M4 24.77 dBV/m



0 dB = 17.74 V/m = 24.98 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.40 V/m; Power Drift = -0.08 dB

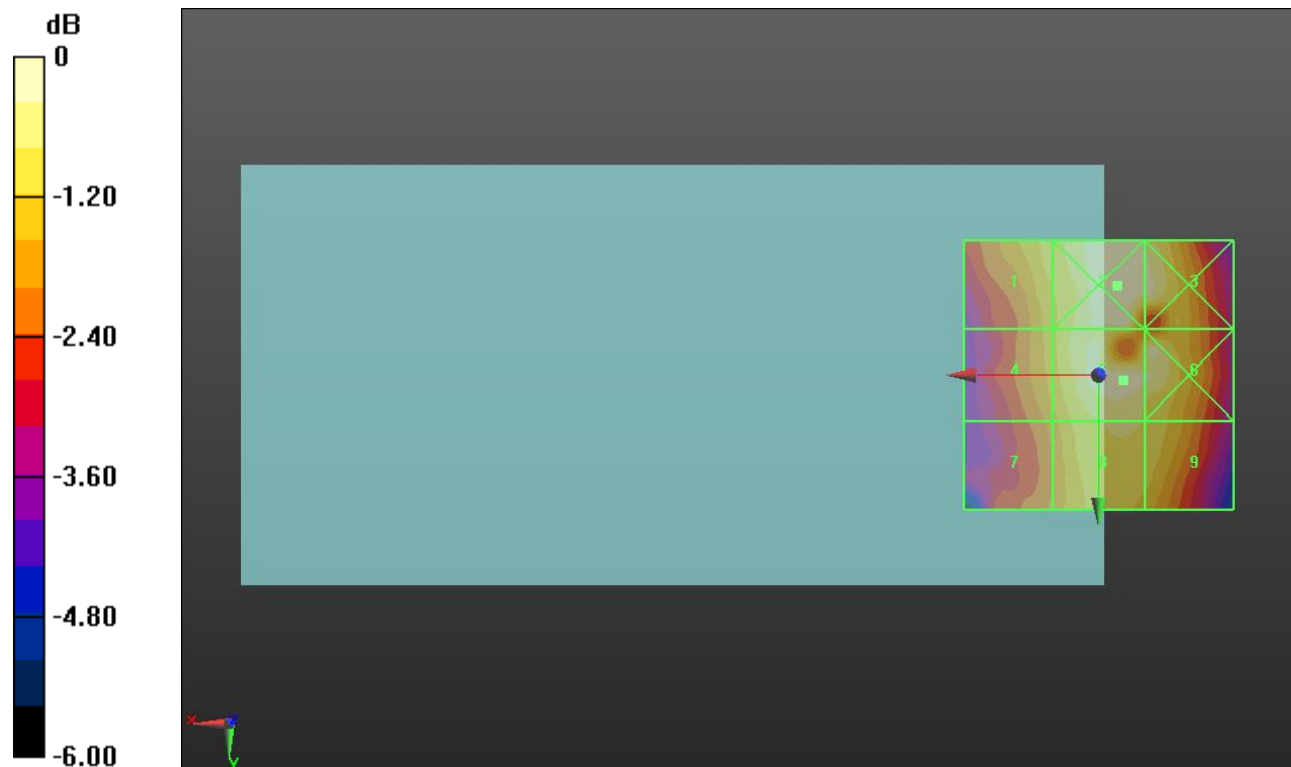
Applied MIF = 3.26 dB

RF audio interference level = 25.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.07 dBV/m	Grid 2 M4 26.04 dBV/m	Grid 3 M4 25.83 dBV/m
Grid 4 M4 24.73 dBV/m	Grid 5 M4 25.92 dBV/m	Grid 6 M4 25.77 dBV/m
Grid 7 M4 24.26 dBV/m	Grid 8 M4 25.36 dBV/m	Grid 9 M4 25.2 dBV/m



0 dB = 20.03 V/m = 26.03 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.560/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.35 V/m; Power Drift = 0.10 dB

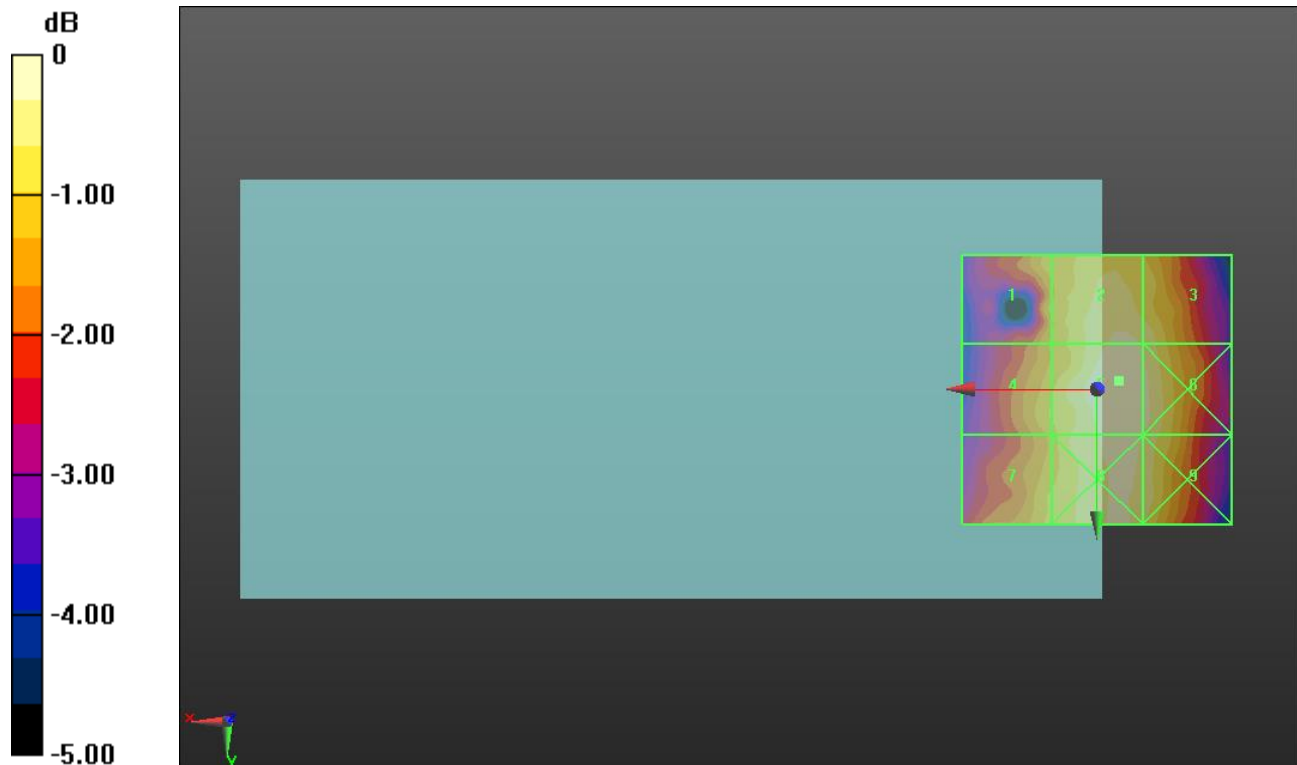
Applied MIF = 3.26 dB

RF audio interference level = 25.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.89 dBV/m	Grid 2 M4 24.78 dBV/m	Grid 3 M4 24.62 dBV/m
Grid 4 M4 24.04 dBV/m	Grid 5 M4 25 dBV/m	Grid 6 M4 24.78 dBV/m
Grid 7 M4 24.11 dBV/m	Grid 8 M4 24.87 dBV/m	Grid 9 M4 24.66 dBV/m



0 dB = 17.79 V/m = 25.00 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.46 V/m; Power Drift = 0.03 dB

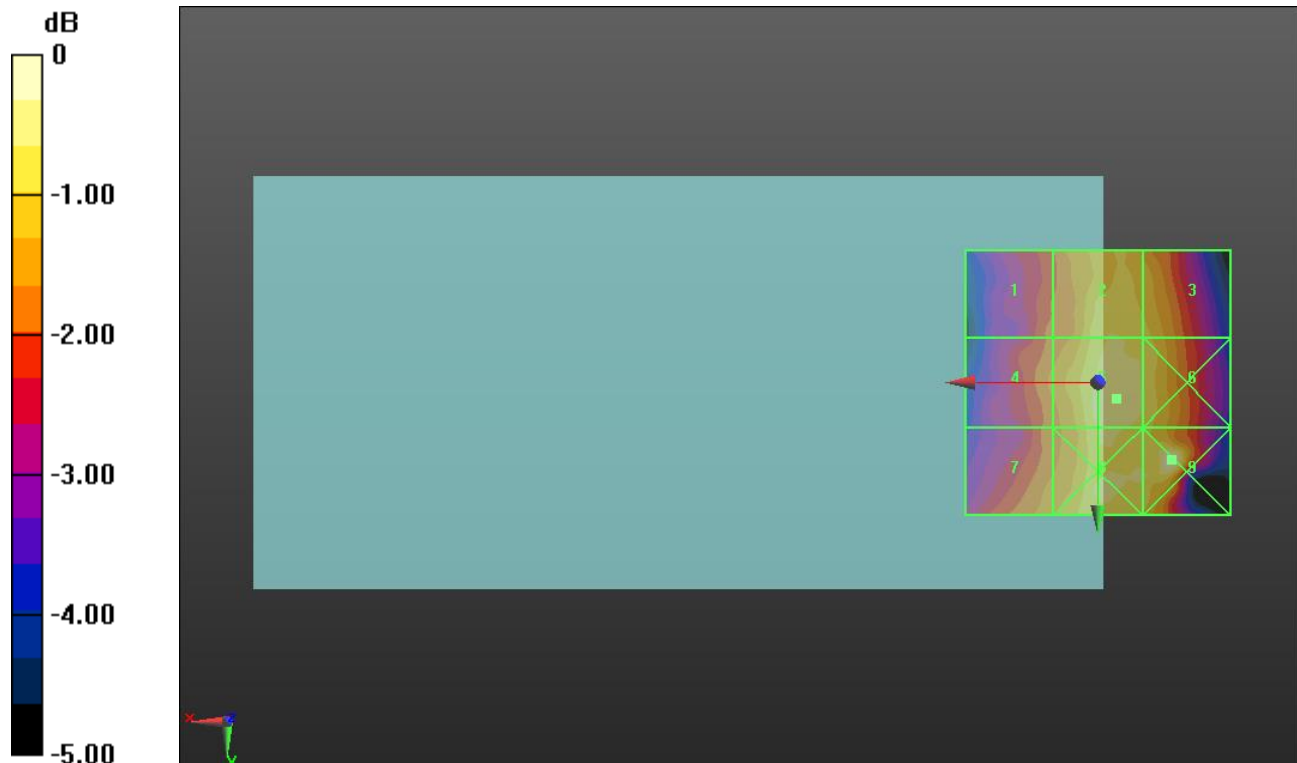
Applied MIF = 3.26 dB

RF audio interference level = 24.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.41 dBV/m	Grid 2 M4 24.63 dBV/m	Grid 3 M4 24.43 dBV/m
Grid 4 M4 23.72 dBV/m	Grid 5 M4 24.91 dBV/m	Grid 6 M4 24.62 dBV/m
Grid 7 M4 23.89 dBV/m	Grid 8 M4 24.74 dBV/m	Grid 9 M4 25.28 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 = 9.543 V/m; Power Drift = 0.02 dB

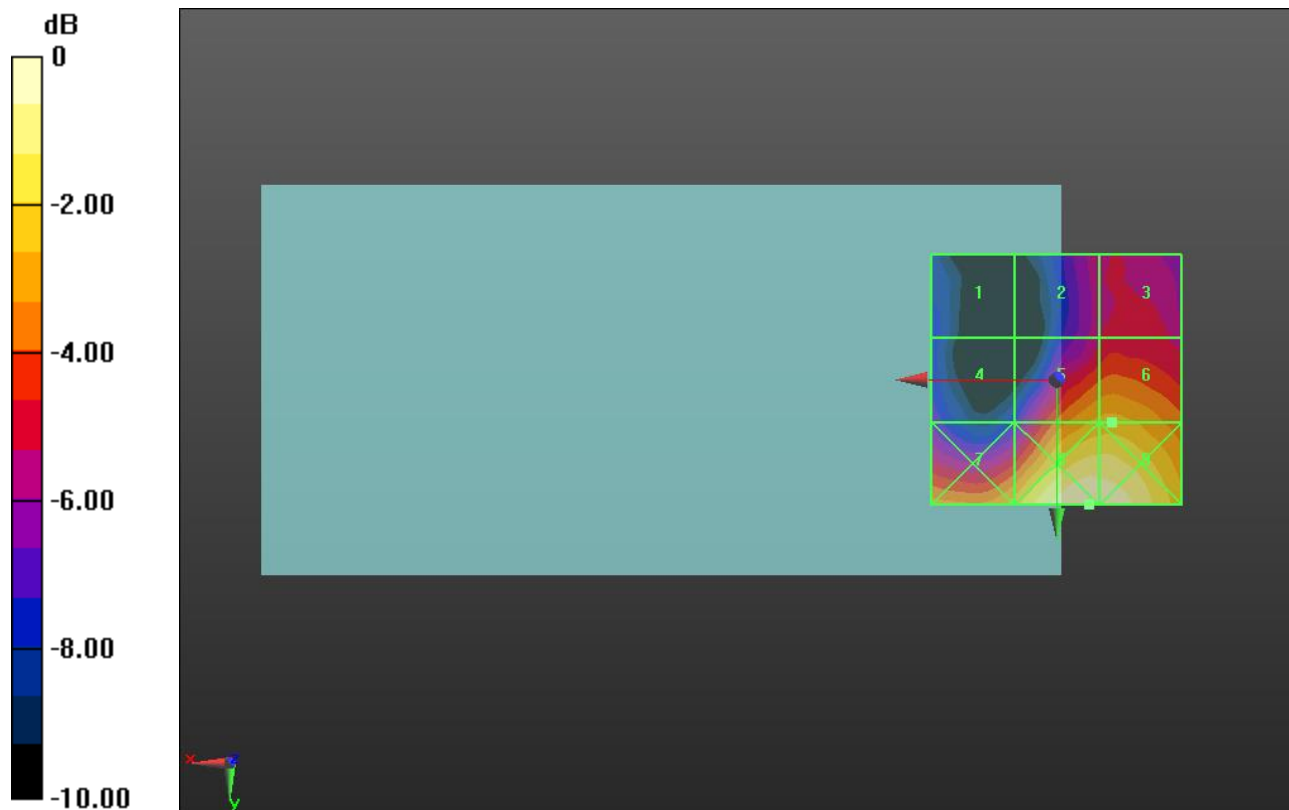
Applied MIF = -1.44 dB

RF audio interference level = 19.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.49 dBV/m	Grid 2 M4 16.62 dBV/m	Grid 3 M4 17.06 dBV/m
Grid 4 M4 15.28 dBV/m	Grid 5 M4 19.55 dBV/m	Grid 6 M4 19.63 dBV/m
Grid 7 M4 19.72 dBV/m	Grid 8 M4 22.01 dBV/m	Grid 9 M4 21.97 dBV/m



0 dB = 12.60 V/m = 22.01 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 = 9.492 V/m; Power Drift = -0.16 dB

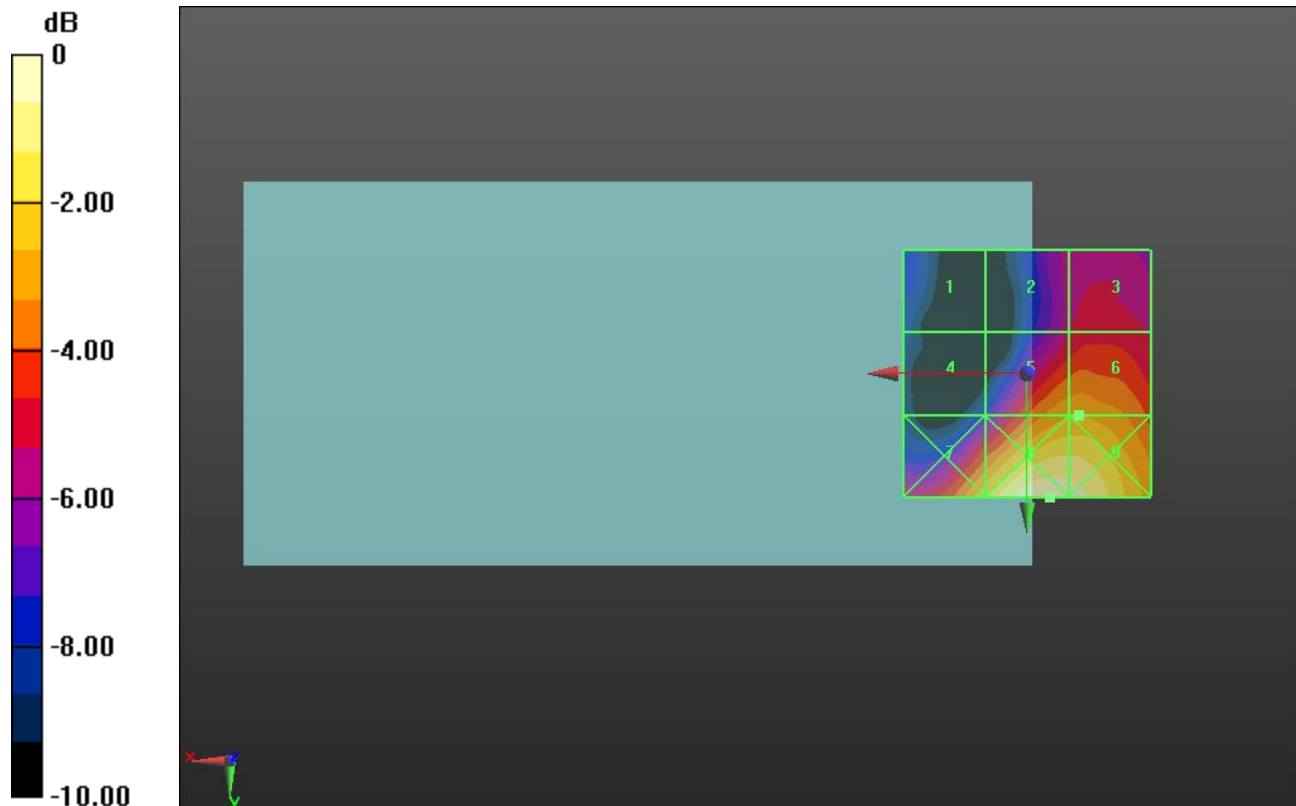
Applied MIF = -1.44 dB

RF audio interference level = 19.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.44 dBV/m	Grid 2 M4 16.49 dBV/m	Grid 3 M4 17.01 dBV/m
Grid 4 M4 14.61 dBV/m	Grid 5 M4 19.15 dBV/m	Grid 6 M4 19.21 dBV/m
Grid 7 M4 19.8 dBV/m	Grid 8 M4 21.84 dBV/m	Grid 9 M4 21.59 dBV/m



0 dB = 12.37 V/m = 21.85 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 = 9.450 V/m; Power Drift = 0.03 dB

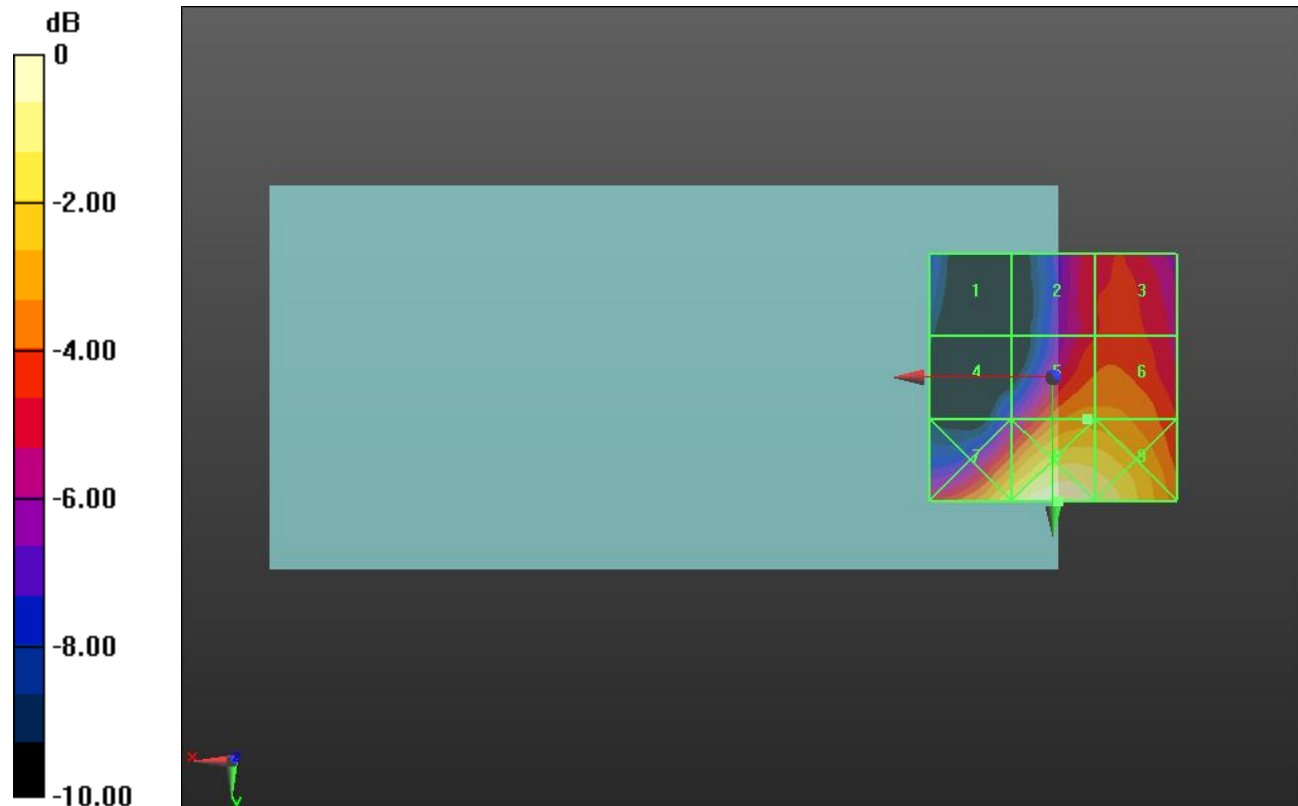
Applied MIF = -1.44 dB

RF audio interference level = 18.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.79 dBV/m	Grid 2 M4 16.53 dBV/m	Grid 3 M4 16.86 dBV/m
Grid 4 M4 14.64 dBV/m	Grid 5 M4 18.26 dBV/m	Grid 6 M4 18.23 dBV/m
Grid 7 M4 19.94 dBV/m	Grid 8 M4 21.2 dBV/m	Grid 9 M4 20.67 dBV/m



0 dB = 11.48 V/m = 21.20 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 = 9.610 V/m; Power Drift = -0.18 dB

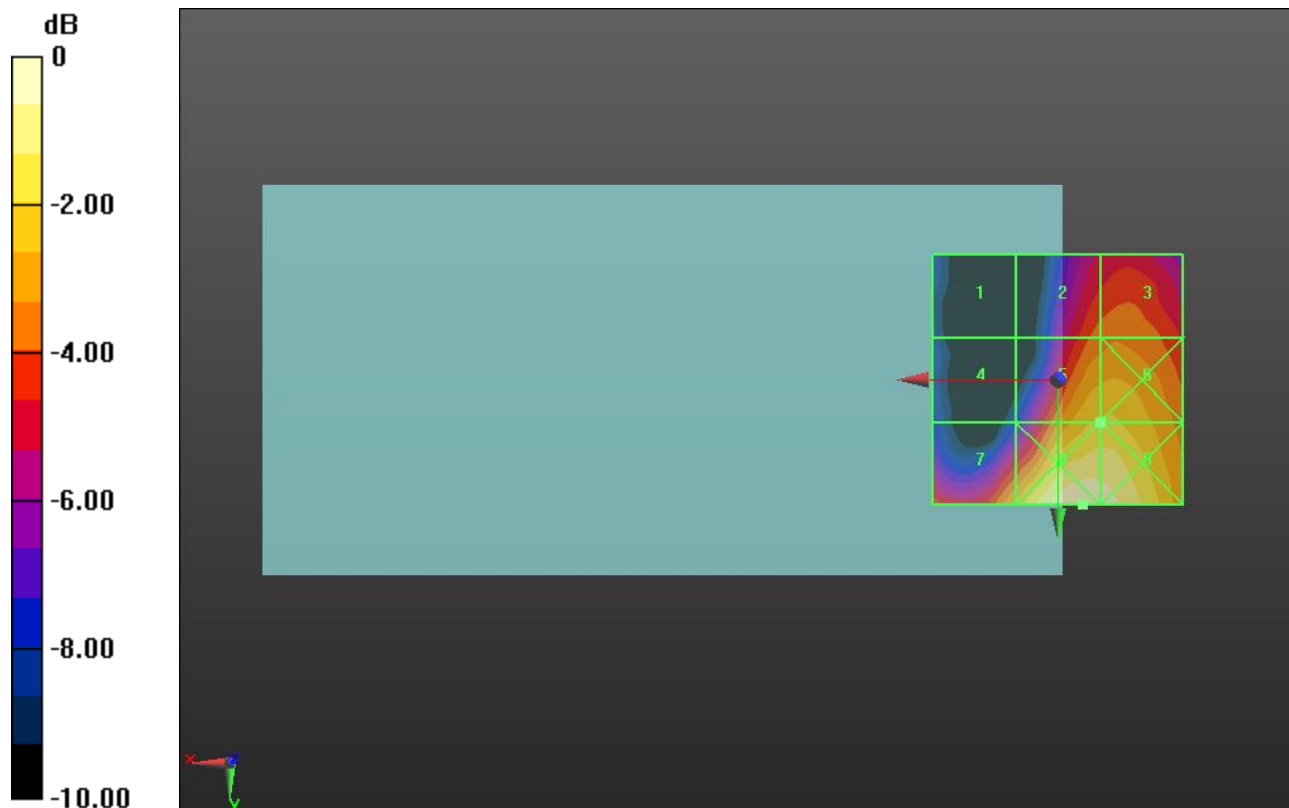
Applied MIF = -1.44 dB

RF audio interference level = 18.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.56 dBV/m	Grid 2 M4 16.97 dBV/m	Grid 3 M4 17.2 dBV/m
Grid 4 M4 12.97 dBV/m	Grid 5 M4 18.68 dBV/m	Grid 6 M4 18.7 dBV/m
Grid 7 M4 18.16 dBV/m	Grid 8 M4 20.57 dBV/m	Grid 9 M4 20.33 dBV/m



0 dB = 10.68 V/m = 20.57 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 = 6.843 V/m; Power Drift = -0.10 dB

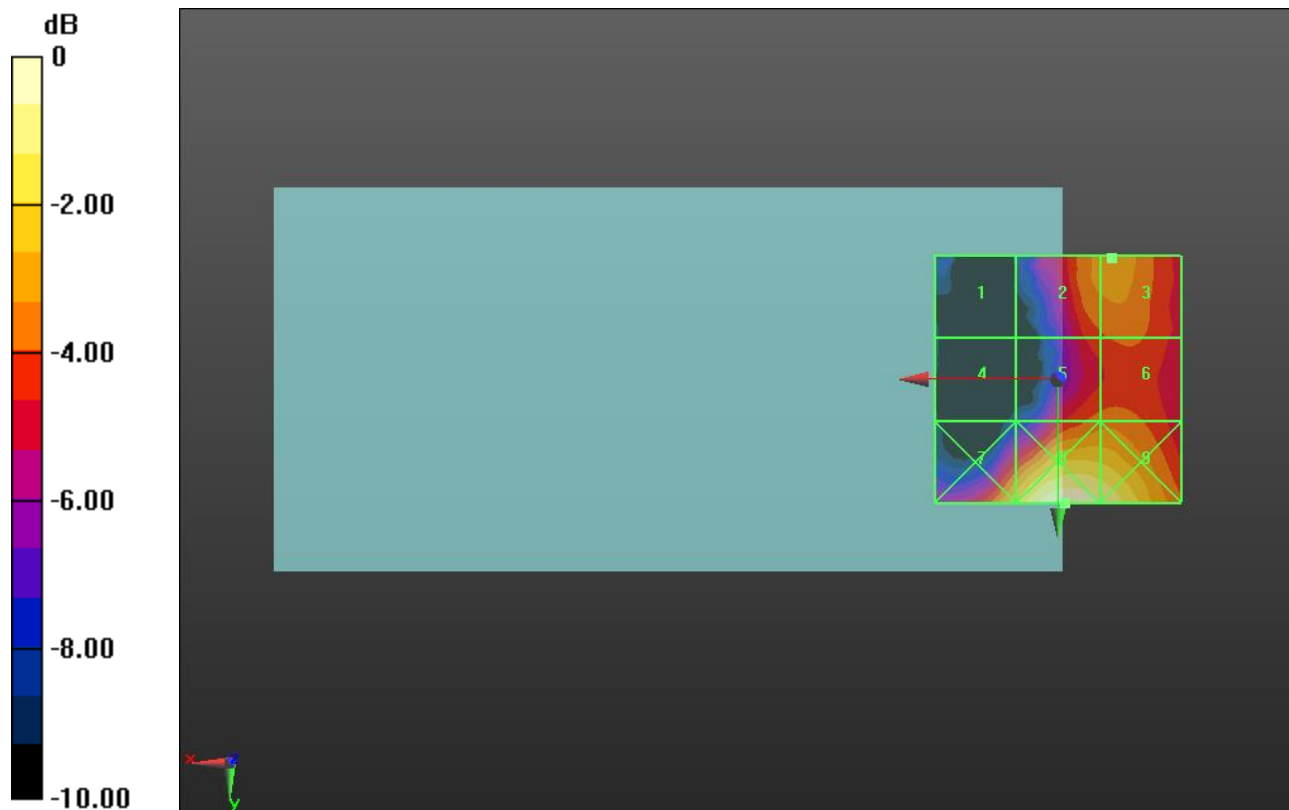
Applied MIF = -1.44 dB

RF audio interference level = 16.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.57 dBV/m	Grid 2 M4 16.55 dBV/m	Grid 3 M4 16.68 dBV/m
Grid 4 M4 11.35 dBV/m	Grid 5 M4 16.04 dBV/m	Grid 6 M4 16.13 dBV/m
Grid 7 M4 17.65 dBV/m	Grid 8 M4 19.68 dBV/m	Grid 9 M4 19.12 dBV/m



0 dB = 9.635 V/m = 19.68 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 = 10.61 V/m; Power Drift = 0.02 dB

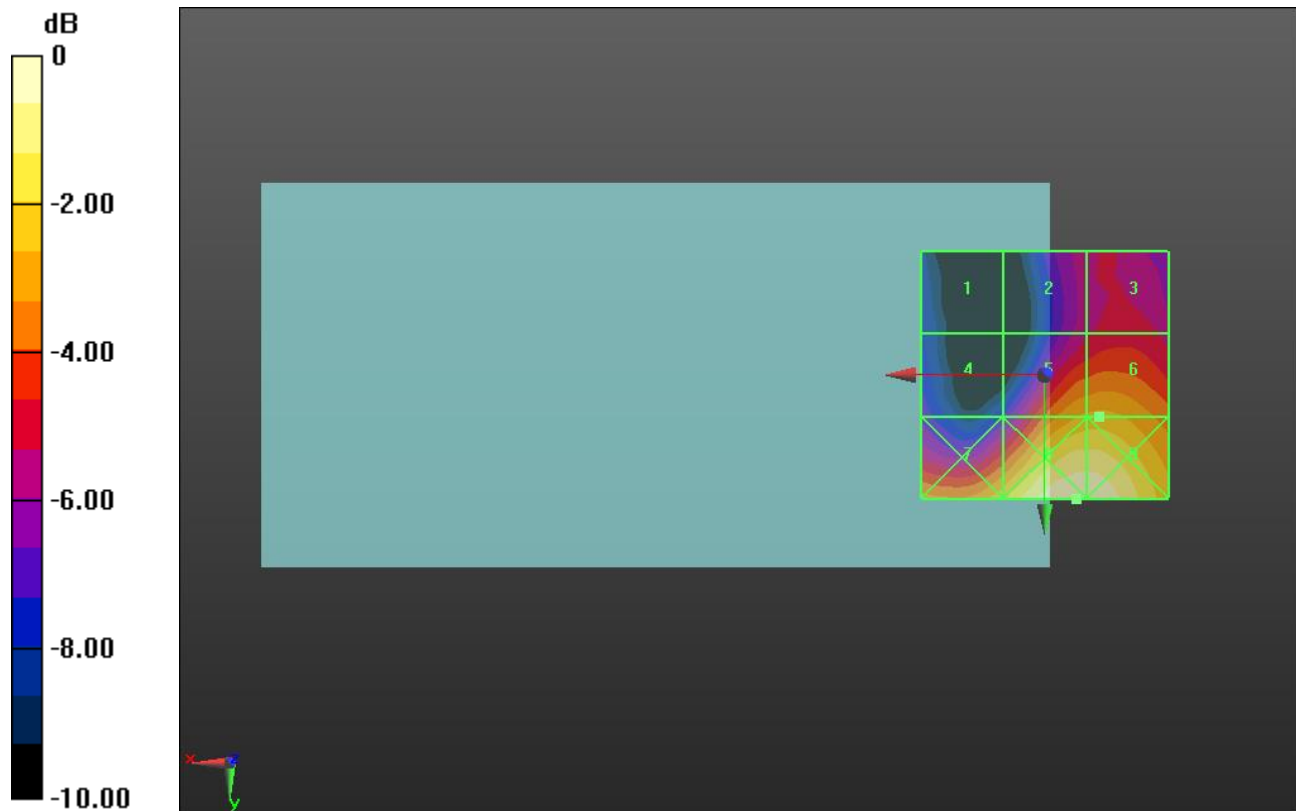
Applied MIF = -1.44 dB

RF audio interference level = 20.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.98 dBV/m	Grid 2 M4 17.36 dBV/m	Grid 3 M4 17.94 dBV/m
Grid 4 M4 16.04 dBV/m	Grid 5 M4 20.31 dBV/m	Grid 6 M4 20.39 dBV/m
Grid 7 M4 20.69 dBV/m	Grid 8 M4 22.81 dBV/m	Grid 9 M4 22.78 dBV/m



0 dB = 13.82 V/m = 22.81 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 = 10.65 V/m; Power Drift = 0.00 dB

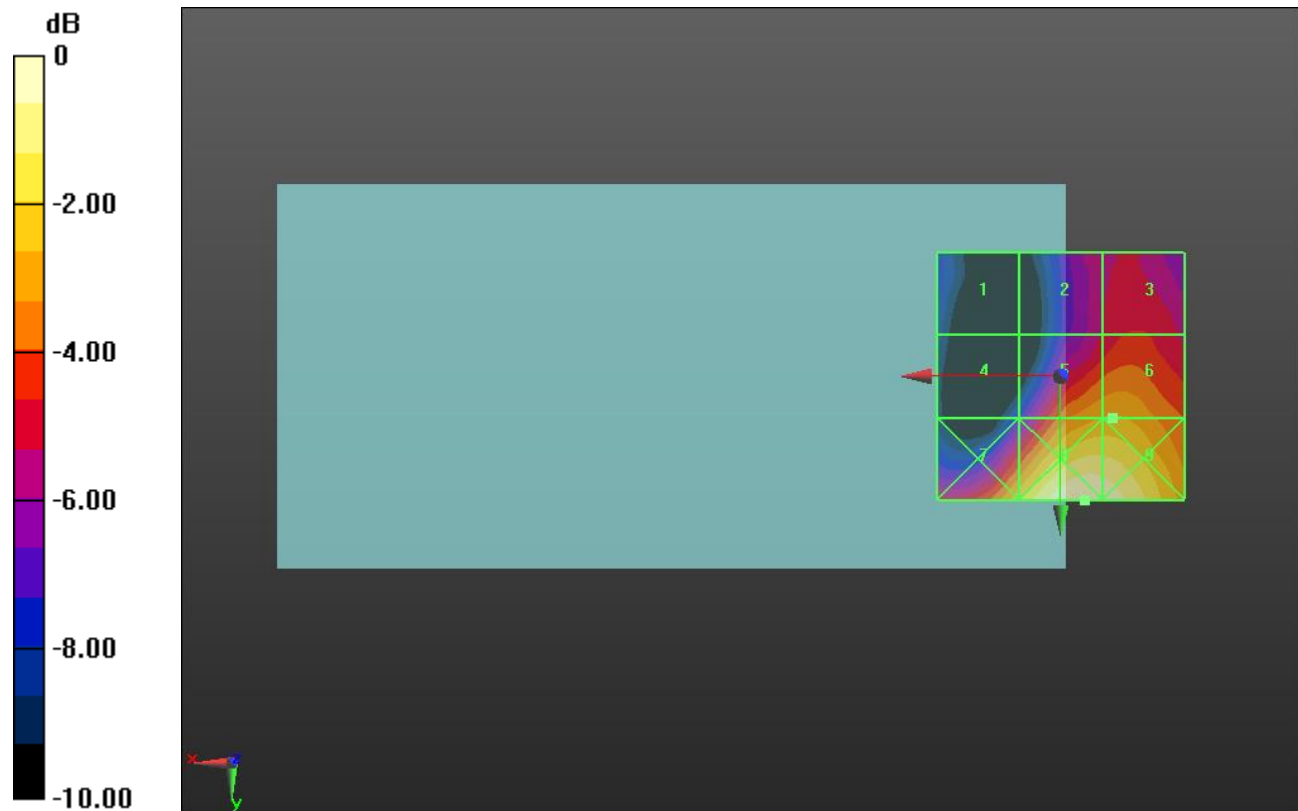
Applied MIF = -1.44 dB

RF audio interference level = 20.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.24 dBV/m	Grid 2 M4 17.69 dBV/m	Grid 3 M4 18.26 dBV/m
Grid 4 M4 15.55 dBV/m	Grid 5 M4 20.24 dBV/m	Grid 6 M4 20.3 dBV/m
Grid 7 M4 20.72 dBV/m	Grid 8 M4 22.85 dBV/m	Grid 9 M4 22.7 dBV/m



0 dB = 13.89 V/m = 22.85 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 = 10.61 V/m; Power Drift = 0.04 dB

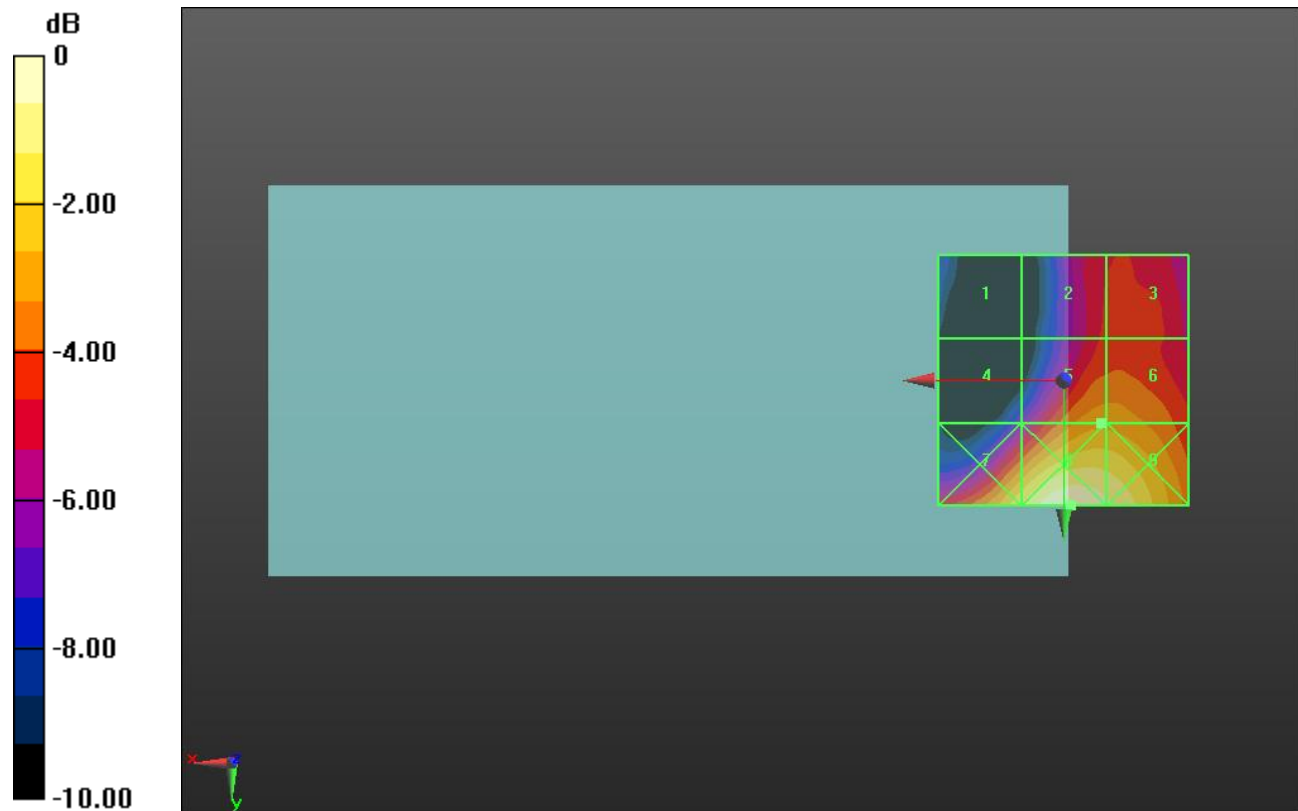
Applied MIF = -1.44 dB

RF audio interference level = 19.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.48 dBV/m	Grid 2 M4 17.81 dBV/m	Grid 3 M4 18 dBV/m
Grid 4 M4 15.7 dBV/m	Grid 5 M4 19.43 dBV/m	Grid 6 M4 19.42 dBV/m
Grid 7 M4 20.95 dBV/m	Grid 8 M4 22.26 dBV/m	Grid 9 M4 21.77 dBV/m



0 dB = 12.97 V/m = 22.26 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 = 10.77 V/m; Power Drift = -0.06 dB

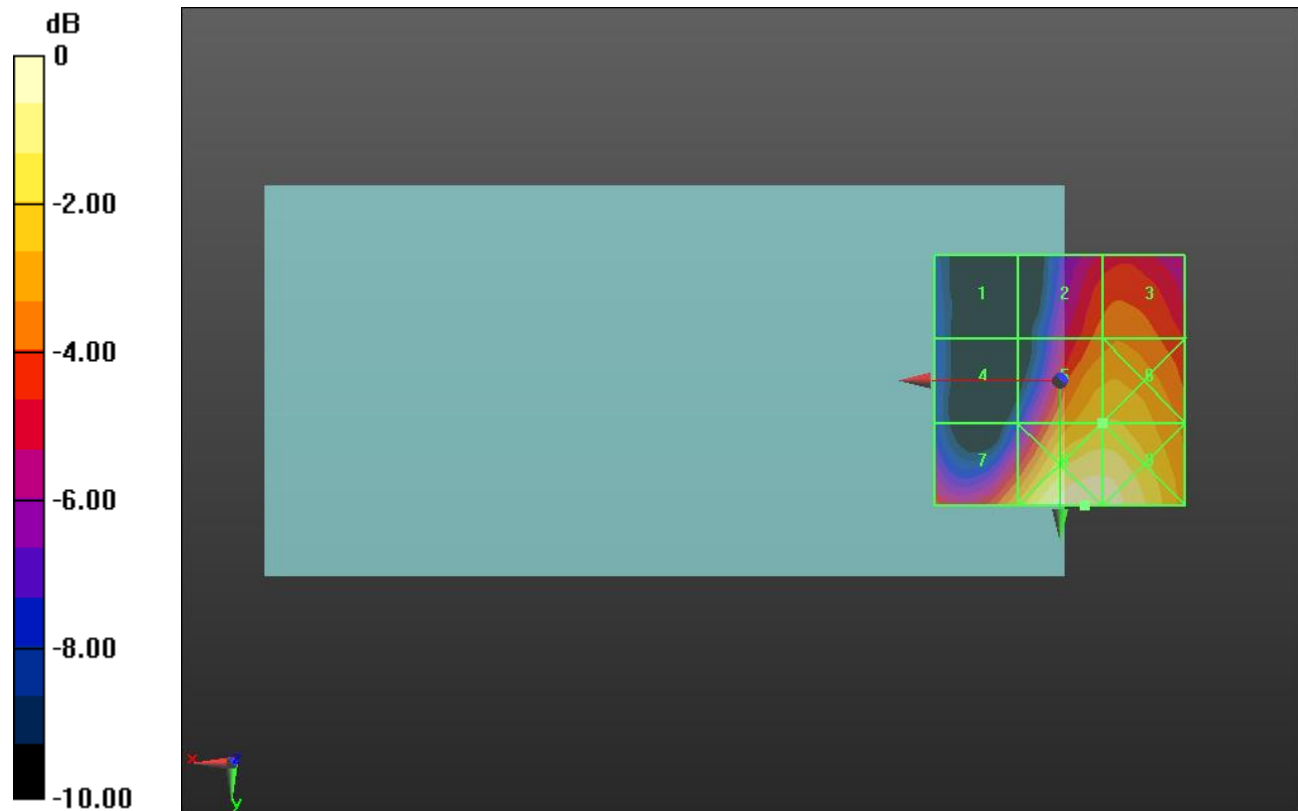
Applied MIF = -1.44 dB

RF audio interference level = 19.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.88 dBV/m	Grid 2 M4 17.99 dBV/m	Grid 3 M4 18.23 dBV/m
Grid 4 M4 13.92 dBV/m	Grid 5 M4 19.63 dBV/m	Grid 6 M4 19.7 dBV/m
Grid 7 M4 19.14 dBV/m	Grid 8 M4 21.59 dBV/m	Grid 9 M4 21.4 dBV/m



0 dB = 12.00 V/m = 21.58 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 = 7.999 V/m; Power Drift = -0.12 dB

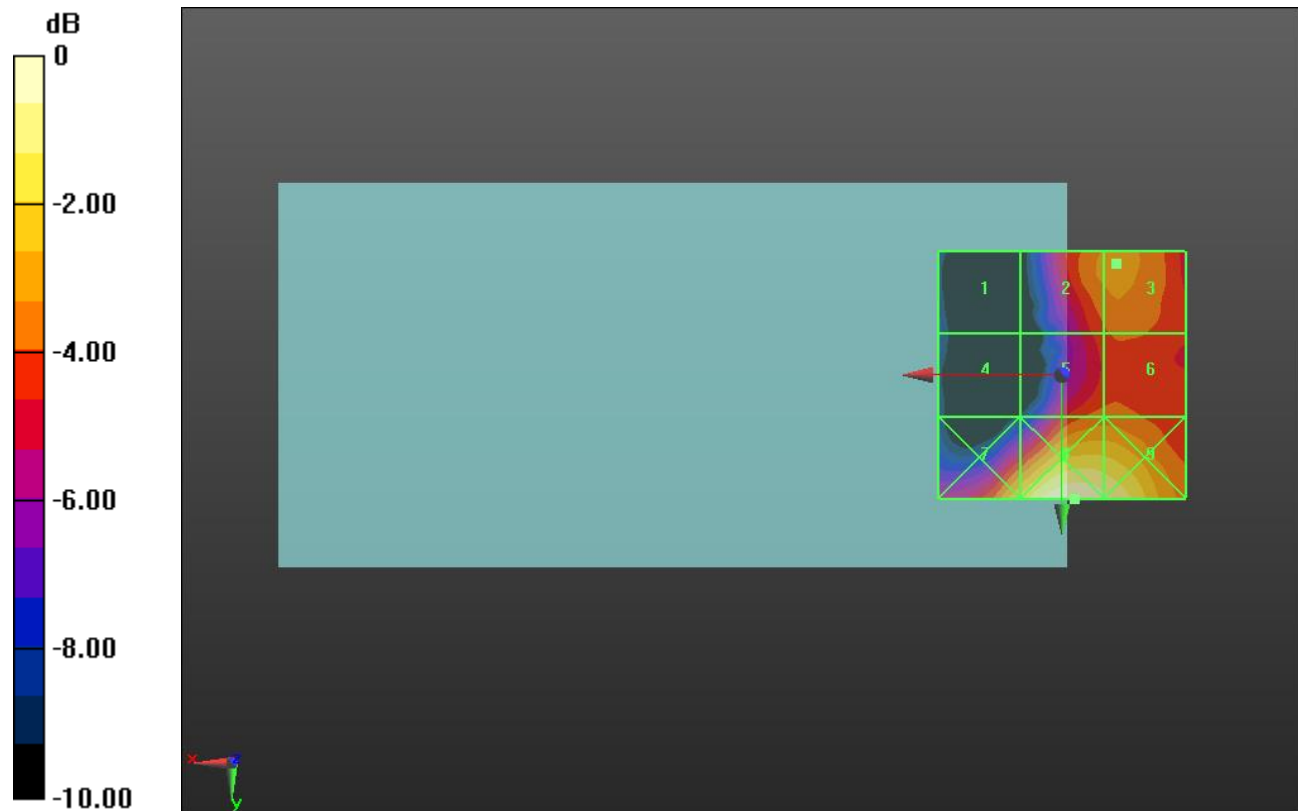
Applied MIF = -1.44 dB

RF audio interference level = 17.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.29 dBV/m	Grid 2 M4 17.52 dBV/m	Grid 3 M4 17.61 dBV/m
Grid 4 M4 12.29 dBV/m	Grid 5 M4 17.04 dBV/m	Grid 6 M4 17.07 dBV/m
Grid 7 M4 18.87 dBV/m	Grid 8 M4 20.69 dBV/m	Grid 9 M4 20.26 dBV/m



0 dB = 10.83 V/m = 20.69 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 104.3 V/m; Power Drift = 0.03 dB

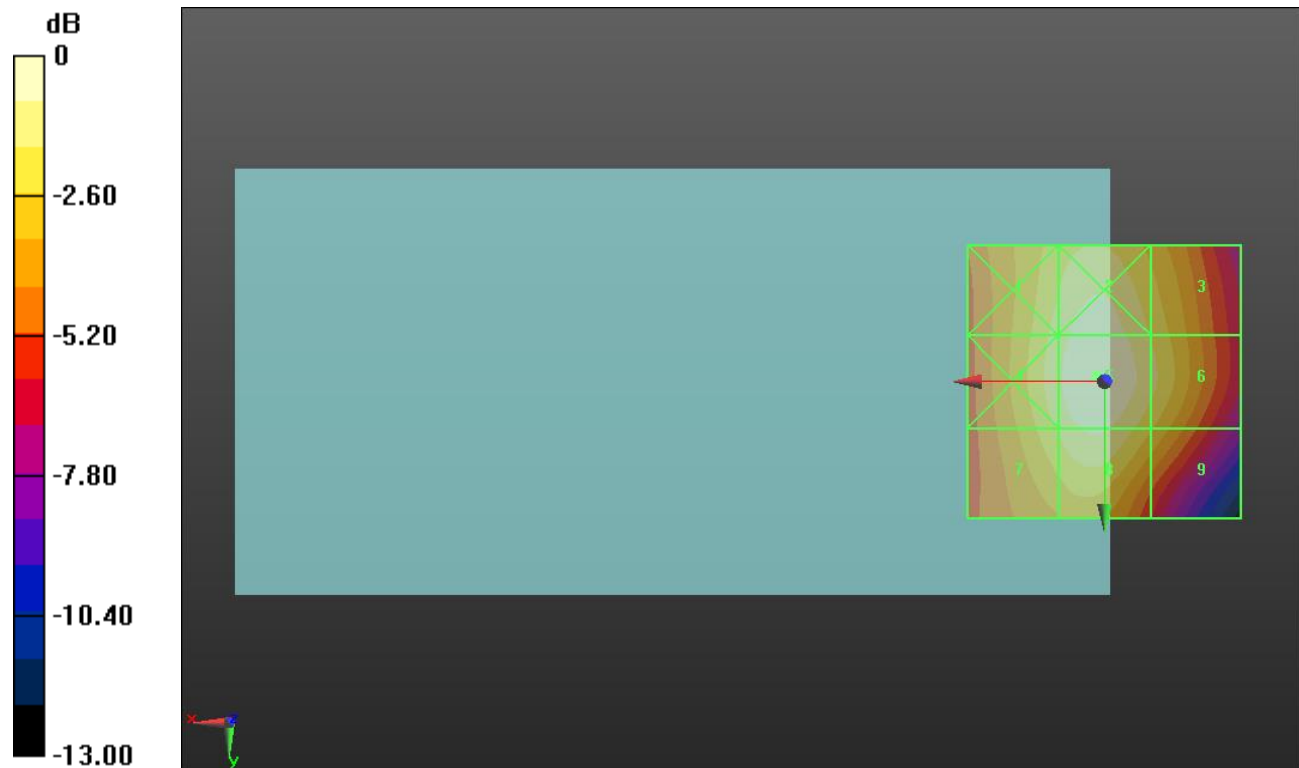
Applied MIF = 3.63 dB

RF audio interference level = 38.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.53 dBV/m	Grid 2 M4 38.5 dBV/m	Grid 3 M4 37.05 dBV/m
Grid 4 M4 37.8 dBV/m	Grid 5 M4 38.85 dBV/m	Grid 6 M4 37.42 dBV/m
Grid 7 M4 37.22 dBV/m	Grid 8 M4 38.14 dBV/m	Grid 9 M4 36.37 dBV/m



0 dB = 87.57 V/m = 38.85 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

GSM850 E-Field measurement/Voice_ch 190/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 110.0 V/m; Power Drift = -0.02 dB

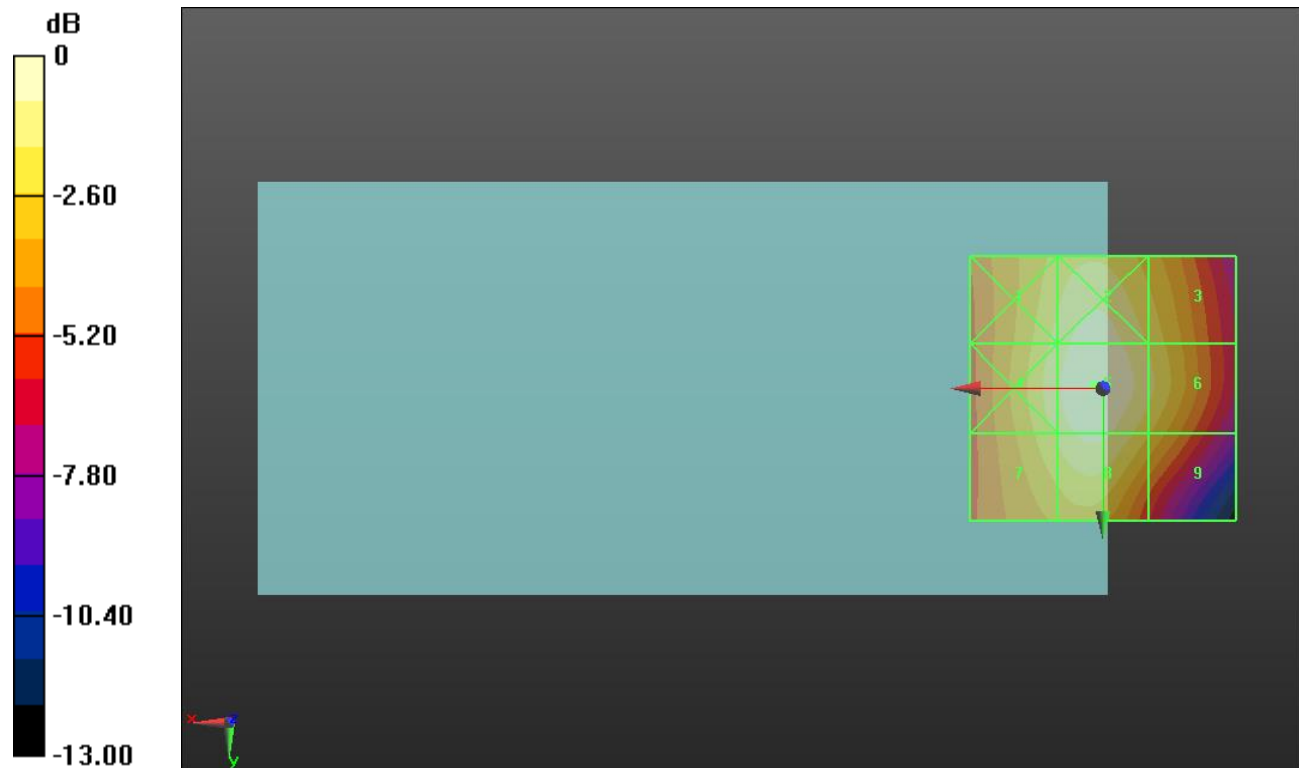
Applied MIF = 3.63 dB

RF audio interference level = 39.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.86 dBV/m	Grid 2 M4 38.82 dBV/m	Grid 3 M4 37.38 dBV/m
Grid 4 M4 38.22 dBV/m	Grid 5 M4 39.22 dBV/m	Grid 6 M4 37.78 dBV/m
Grid 7 M4 37.69 dBV/m	Grid 8 M4 38.58 dBV/m	Grid 9 M4 36.73 dBV/m



0 dB = 91.37 V/m = 39.22 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 110.3 V/m; Power Drift = -0.02 dB

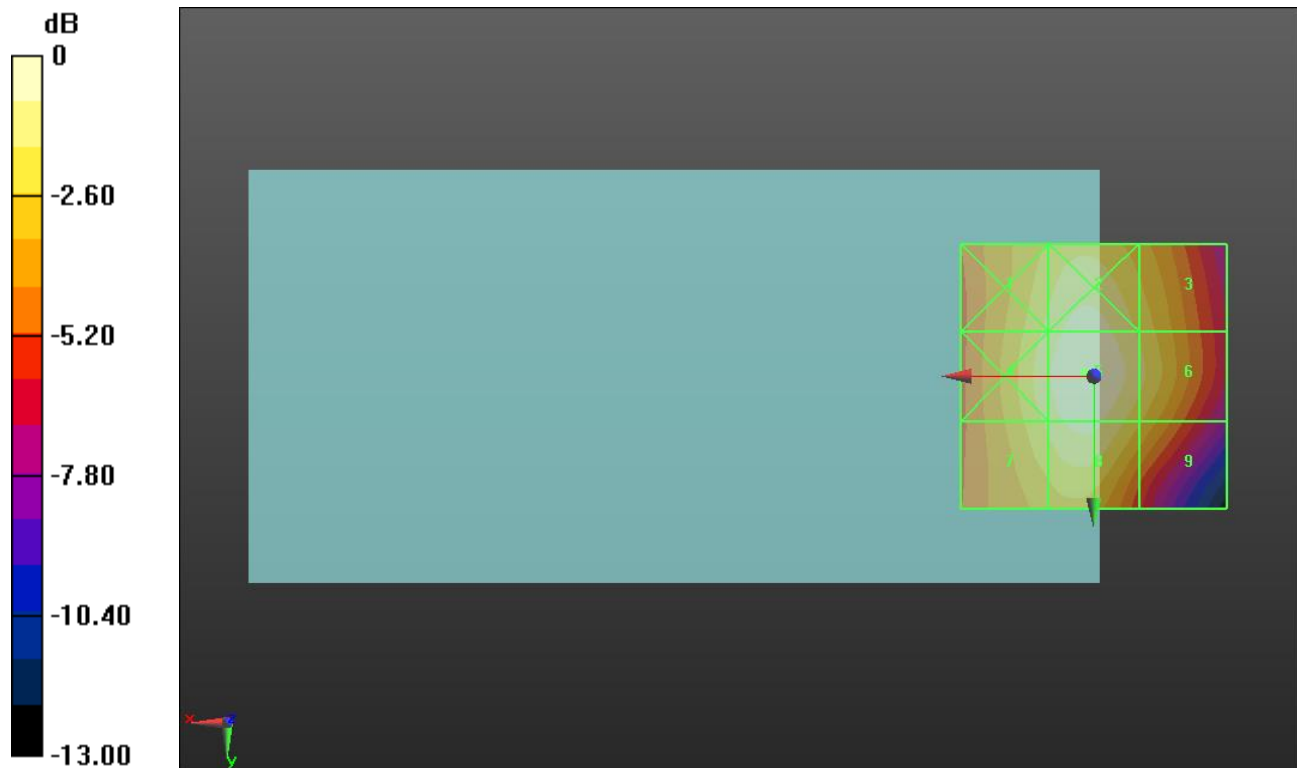
Applied MIF = 3.63 dB

RF audio interference level = 39.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.81 dBV/m	Grid 2 M4 38.78 dBV/m	Grid 3 M4 37.38 dBV/m
Grid 4 M4 38.27 dBV/m	Grid 5 M4 39.24 dBV/m	Grid 6 M4 37.81 dBV/m
Grid 7 M4 37.78 dBV/m	Grid 8 M4 38.67 dBV/m	Grid 9 M4 36.79 dBV/m



0 dB = 91.65 V/m = 39.24 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.60 V/m; Power Drift = -0.08 dB

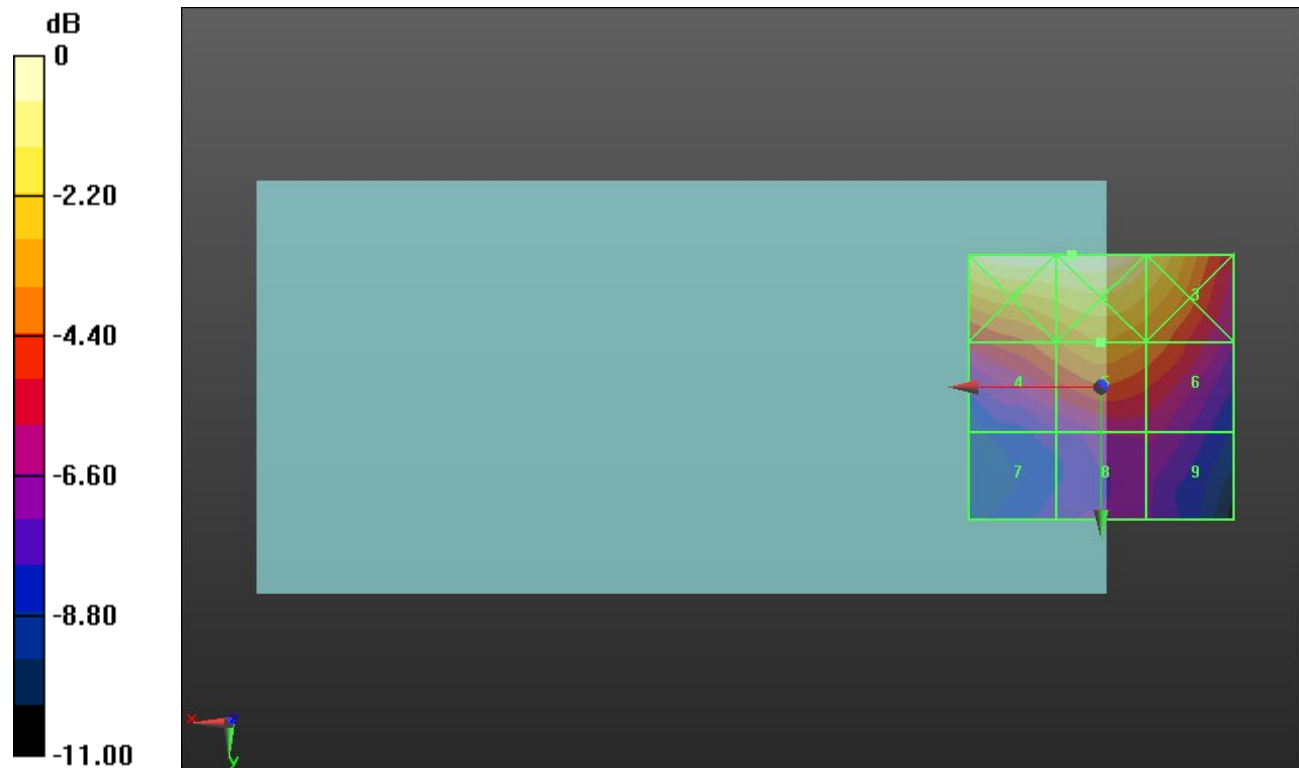
Applied MIF = 3.63 dB

RF audio interference level = 28.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.76 dBV/m	Grid 2 M3 31.8 dBV/m	Grid 3 M3 30.67 dBV/m
Grid 4 M4 28.07 dBV/m	Grid 5 M4 28.85 dBV/m	Grid 6 M4 28.16 dBV/m
Grid 7 M4 24.34 dBV/m	Grid 8 M4 25.46 dBV/m	Grid 9 M4 25.46 dBV/m



0 dB = 38.90 V/m = 31.80 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.59 V/m; Power Drift = 0.22 dB

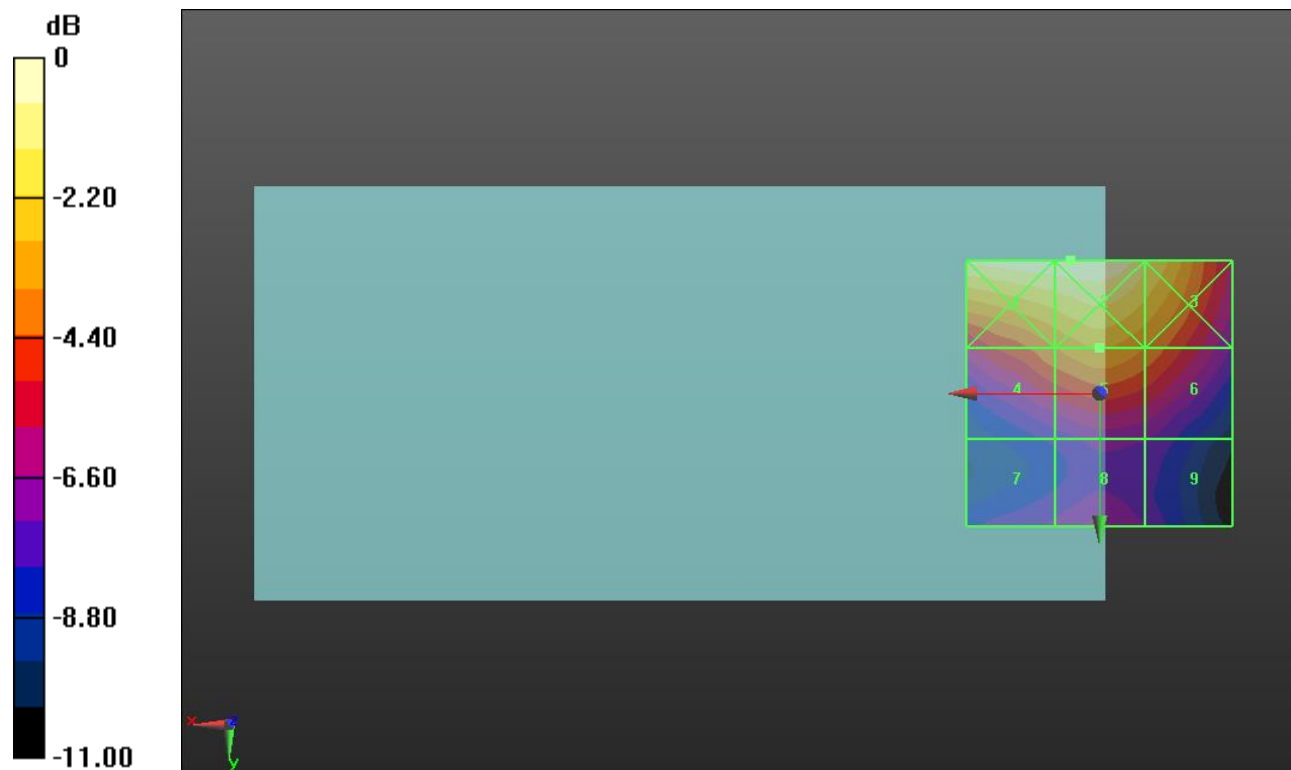
Applied MIF = 3.63 dB

RF audio interference level = 29.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.7 dBV/m	Grid 2 M3 32.76 dBV/m	Grid 3 M3 31.59 dBV/m
Grid 4 M4 29.05 dBV/m	Grid 5 M4 29.88 dBV/m	Grid 6 M4 29.08 dBV/m
Grid 7 M4 25.67 dBV/m	Grid 8 M4 26.37 dBV/m	Grid 9 M4 25.5 dBV/m



0 dB = 43.45 V/m = 32.76 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.90 V/m; Power Drift = -0.01 dB

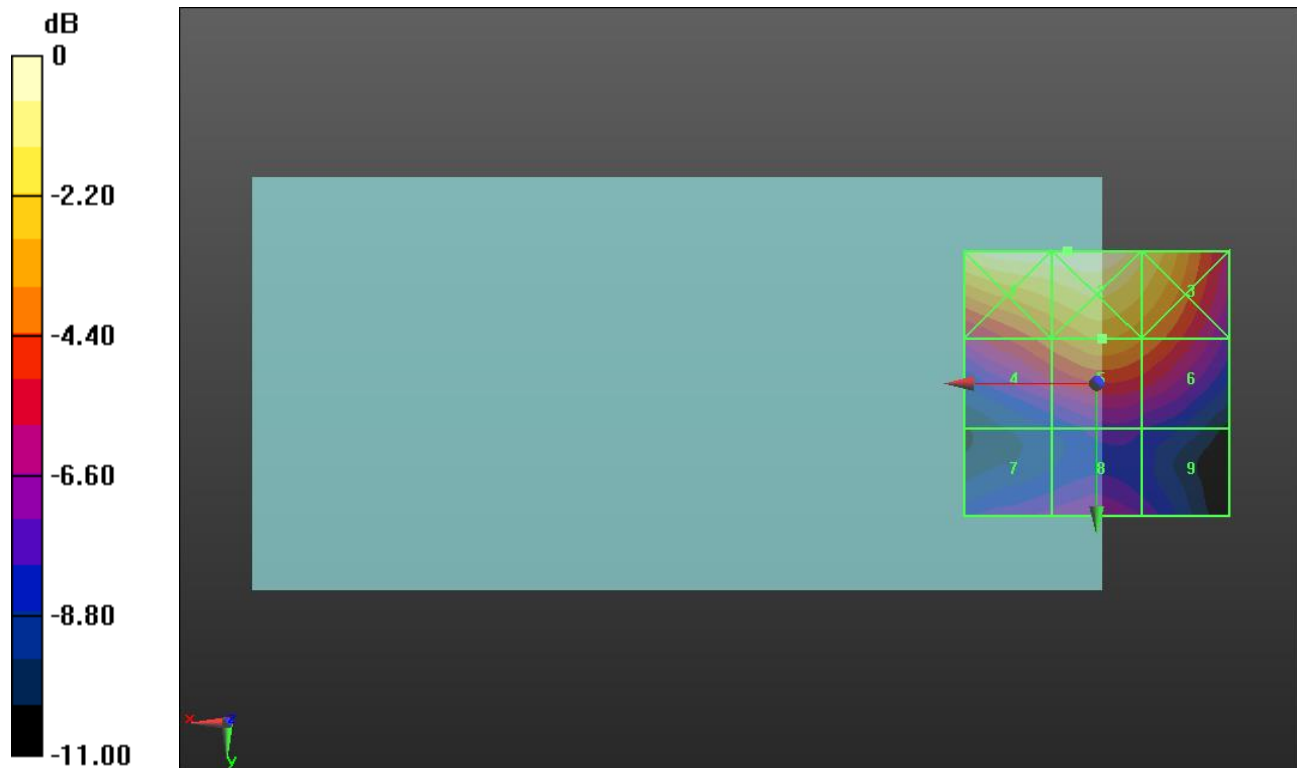
Applied MIF = 3.63 dB

RF audio interference level = 30.05 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 32.87 dBV/m	Grid 2 M3 32.93 dBV/m	Grid 3 M3 31.68 dBV/m
Grid 4 M4 29.03 dBV/m	Grid 5 M3 30.05 dBV/m	Grid 6 M4 29.32 dBV/m
Grid 7 M4 25.98 dBV/m	Grid 8 M4 26.42 dBV/m	Grid 9 M4 25.61 dBV/m



0 dB = 44.33 V/m = 32.93 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.1013/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.14 V/m; Power Drift = 0.22 dB

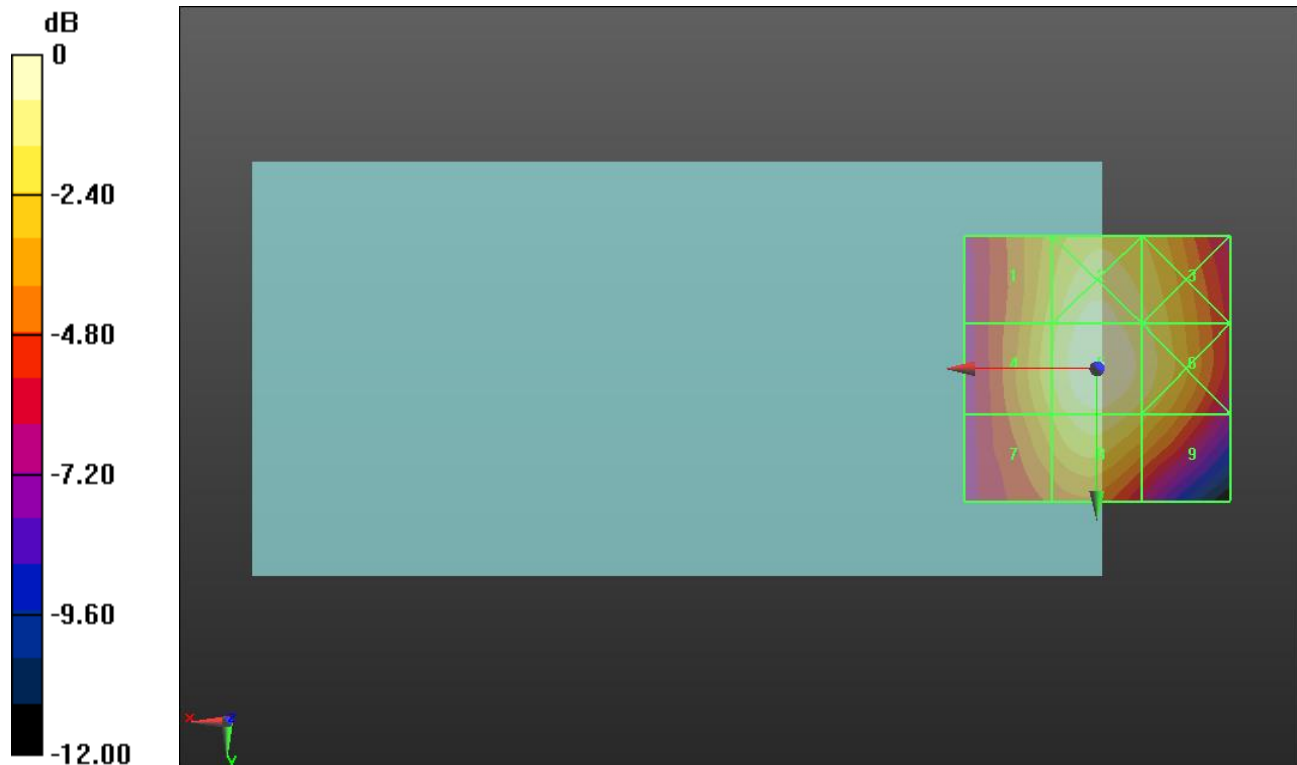
Applied MIF = 3.26 dB

RF audio interference level = 32.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.18 dBV/m	Grid 2 M4 31.7 dBV/m	Grid 3 M4 30.79 dBV/m
Grid 4 M4 30.49 dBV/m	Grid 5 M4 32.13 dBV/m	Grid 6 M4 31.14 dBV/m
Grid 7 M4 29.8 dBV/m	Grid 8 M4 31.16 dBV/m	Grid 9 M4 30.05 dBV/m



0 dB = 40.42 V/m = 32.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.384/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.33 V/m; Power Drift = -0.03 dB

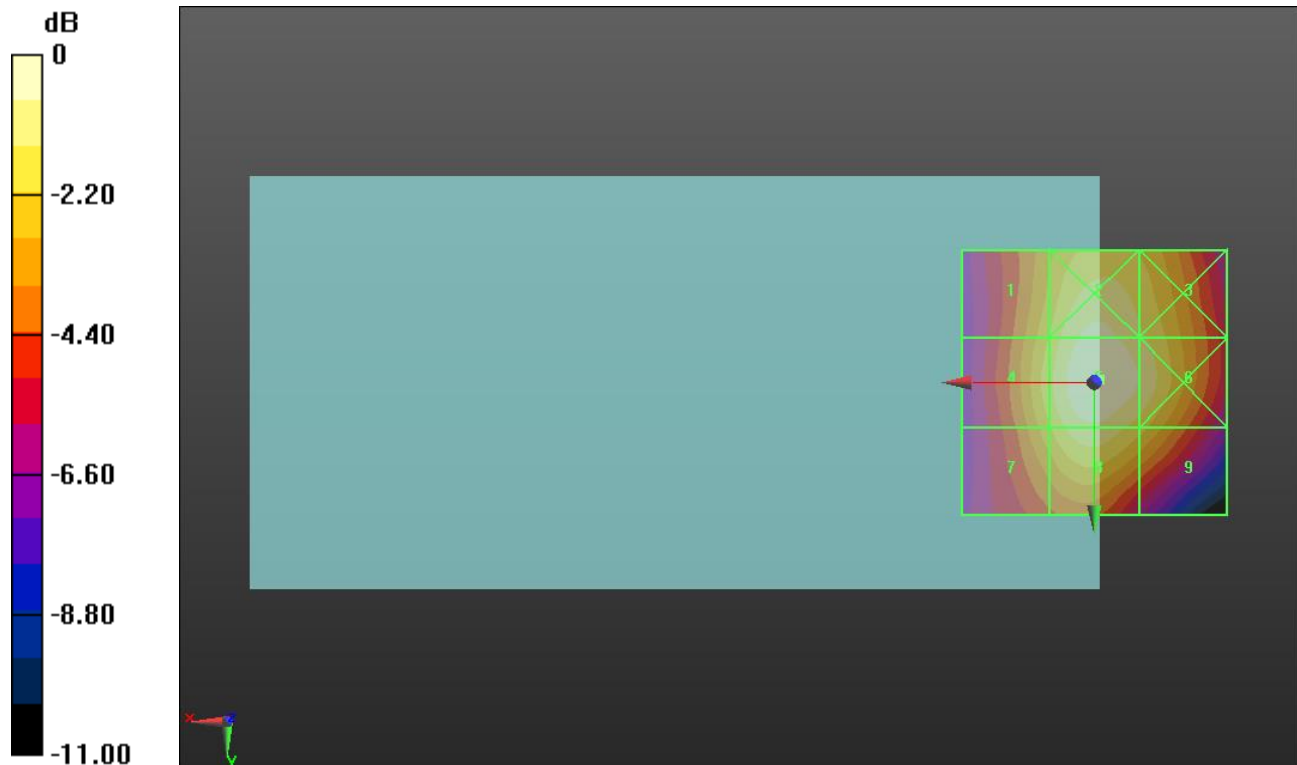
Applied MIF = 3.26 dB

RF audio interference level = 32.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.46 dBV/m	Grid 2 M4 32.16 dBV/m	Grid 3 M4 31.36 dBV/m
Grid 4 M4 30.95 dBV/m	Grid 5 M4 32.62 dBV/m	Grid 6 M4 31.86 dBV/m
Grid 7 M4 30.31 dBV/m	Grid 8 M4 31.75 dBV/m	Grid 9 M4 30.74 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC0 E-Field measurement/RC1_SO3_Ch.777/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 56.11 V/m; Power Drift = 0.06 dB

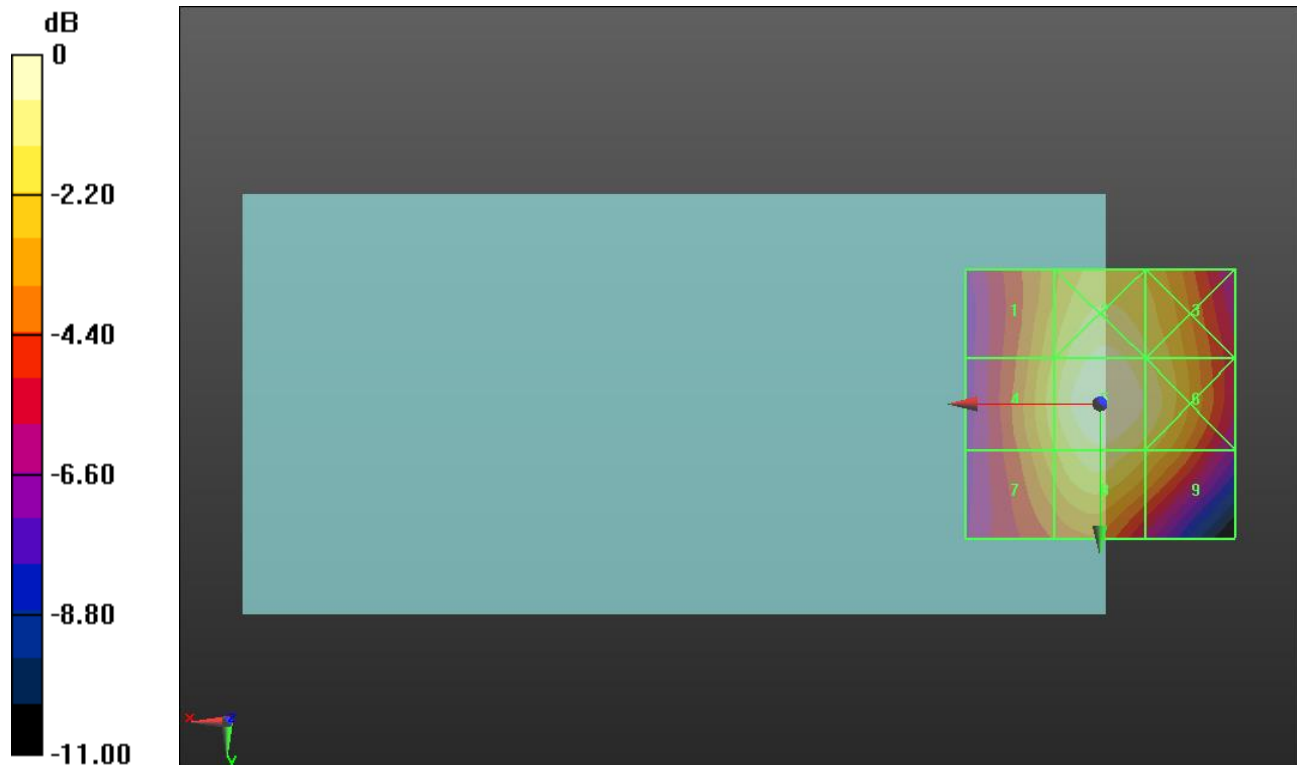
Applied MIF = 3.26 dB

RF audio interference level = 32.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.77 dBV/m	Grid 2 M4 32.38 dBV/m	Grid 3 M4 31.65 dBV/m
Grid 4 M4 31.2 dBV/m	Grid 5 M4 32.91 dBV/m	Grid 6 M4 32.11 dBV/m
Grid 7 M4 30.63 dBV/m	Grid 8 M4 32.1 dBV/m	Grid 9 M4 31.01 dBV/m



0 dB = 44.22 V/m = 32.91 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.81 V/m; Power Drift = 0.16 dB

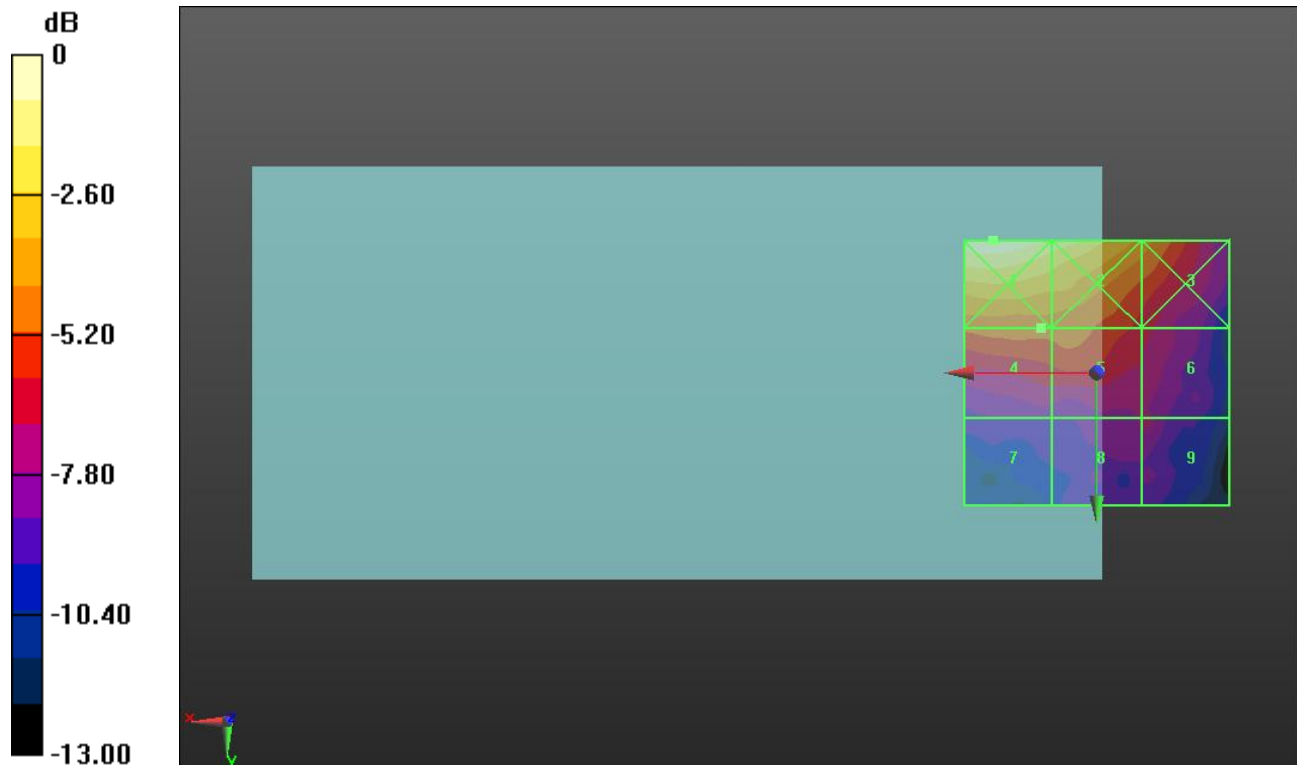
Applied MIF = 3.26 dB

RF audio interference level = 23.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.06 dBV/m	Grid 2 M4 27.04 dBV/m	Grid 3 M4 24.21 dBV/m
Grid 4 M4 23.28 dBV/m	Grid 5 M4 23.27 dBV/m	Grid 6 M4 21.59 dBV/m
Grid 7 M4 19.49 dBV/m	Grid 8 M4 20.43 dBV/m	Grid 9 M4 20.49 dBV/m



0 dB = 25.29 V/m = 28.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.92 V/m; Power Drift = -0.07 dB

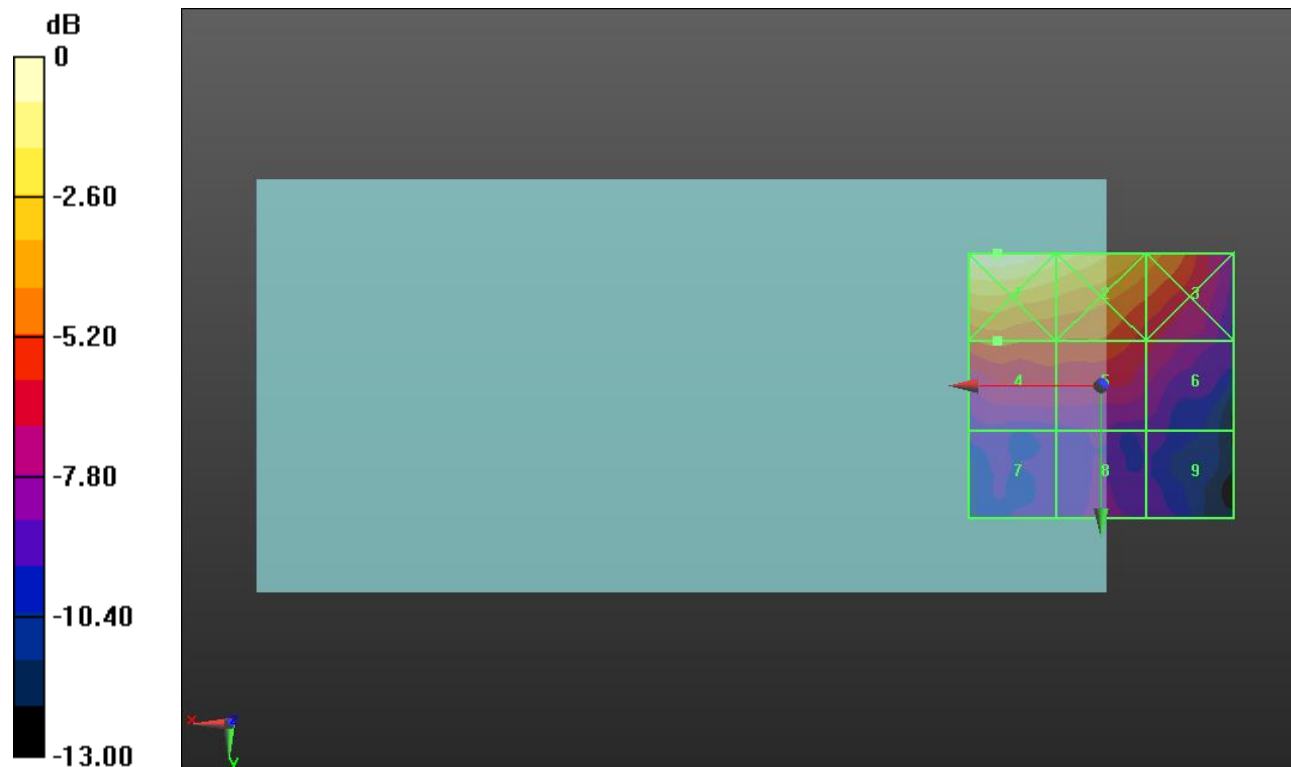
Applied MIF = 3.26 dB

RF audio interference level = 23.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.21 dBV/m	Grid 2 M4 27.13 dBV/m	Grid 3 M4 24.51 dBV/m
Grid 4 M4 23.34 dBV/m	Grid 5 M4 23.01 dBV/m	Grid 6 M4 21.66 dBV/m
Grid 7 M4 19.31 dBV/m	Grid 8 M4 19.84 dBV/m	Grid 9 M4 19.28 dBV/m



0 dB = 25.72 V/m = 28.21 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.30 V/m; Power Drift = -0.06 dB

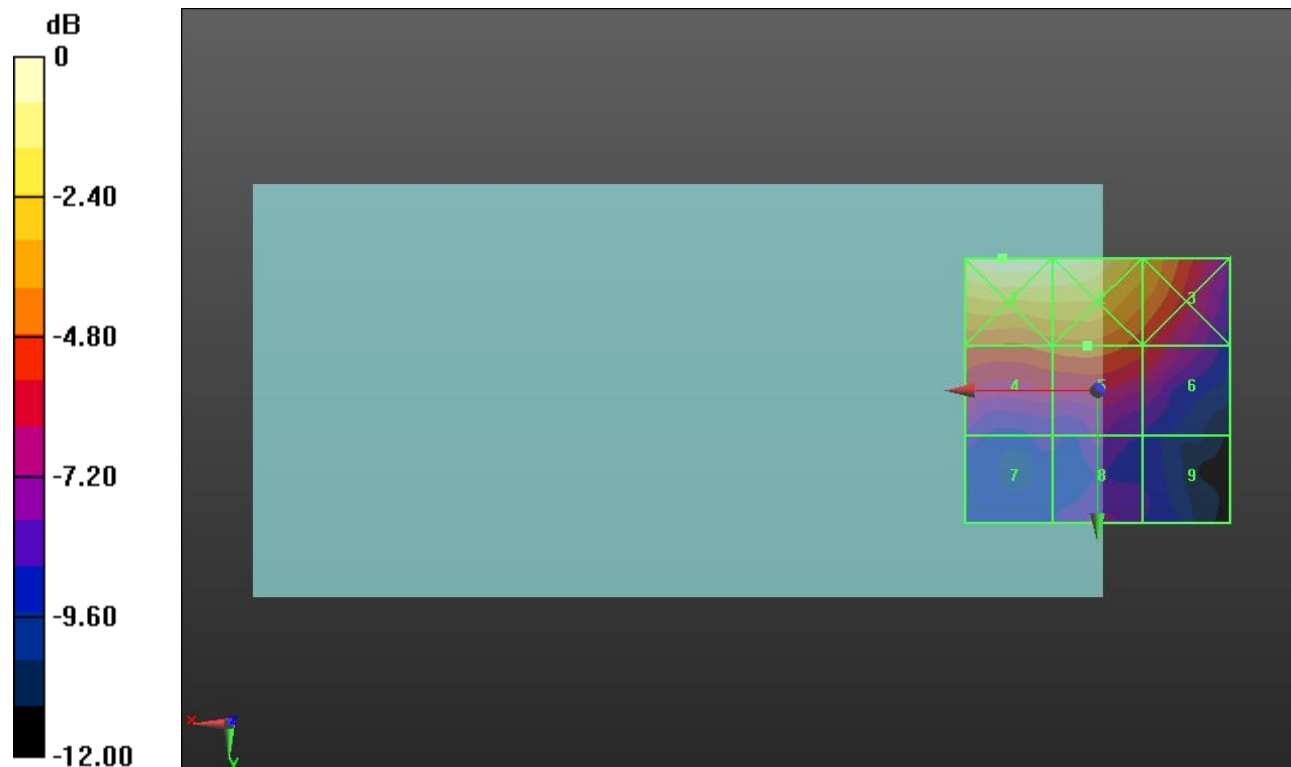
Applied MIF = 3.26 dB

RF audio interference level = 24.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.97 dBV/m	Grid 2 M4 28.73 dBV/m	Grid 3 M4 26.02 dBV/m
Grid 4 M4 24.58 dBV/m	Grid 5 M4 24.75 dBV/m	Grid 6 M4 23.65 dBV/m
Grid 7 M4 20.85 dBV/m	Grid 8 M4 21.47 dBV/m	Grid 9 M4 20.37 dBV/m



0 dB = 28.09 V/m = 28.97 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.450/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.25 V/m; Power Drift = 0.02 dB

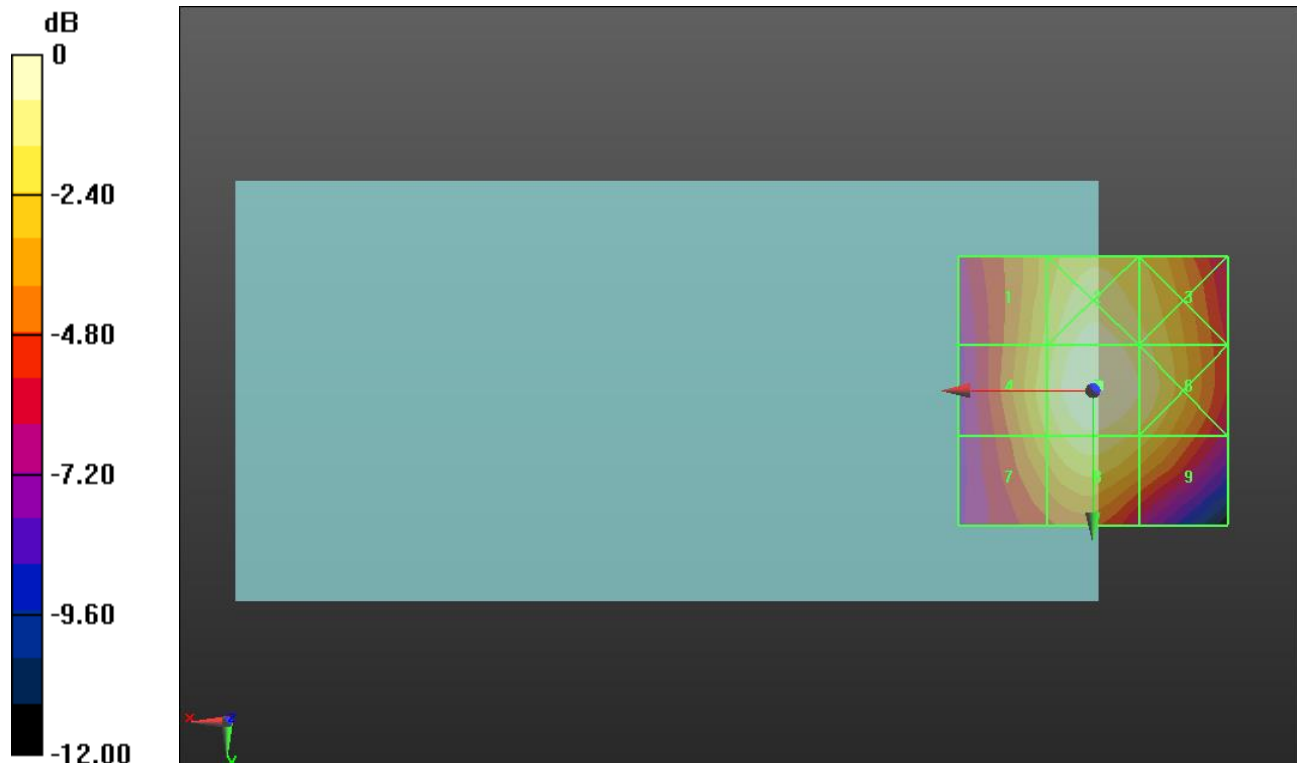
Applied MIF = 3.26 dB

RF audio interference level = 31.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.84 dBV/m	Grid 2 M4 31.47 dBV/m	Grid 3 M4 30.7 dBV/m
Grid 4 M4 30.27 dBV/m	Grid 5 M4 31.92 dBV/m	Grid 6 M4 31.15 dBV/m
Grid 7 M4 29.52 dBV/m	Grid 8 M4 30.95 dBV/m	Grid 9 M4 30.01 dBV/m



0 dB = 39.45 V/m = 31.92 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

CDMA2000 BC10 E-Field measurement/RC1_SO3_Ch.560/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.86 V/m; Power Drift = -0.00 dB

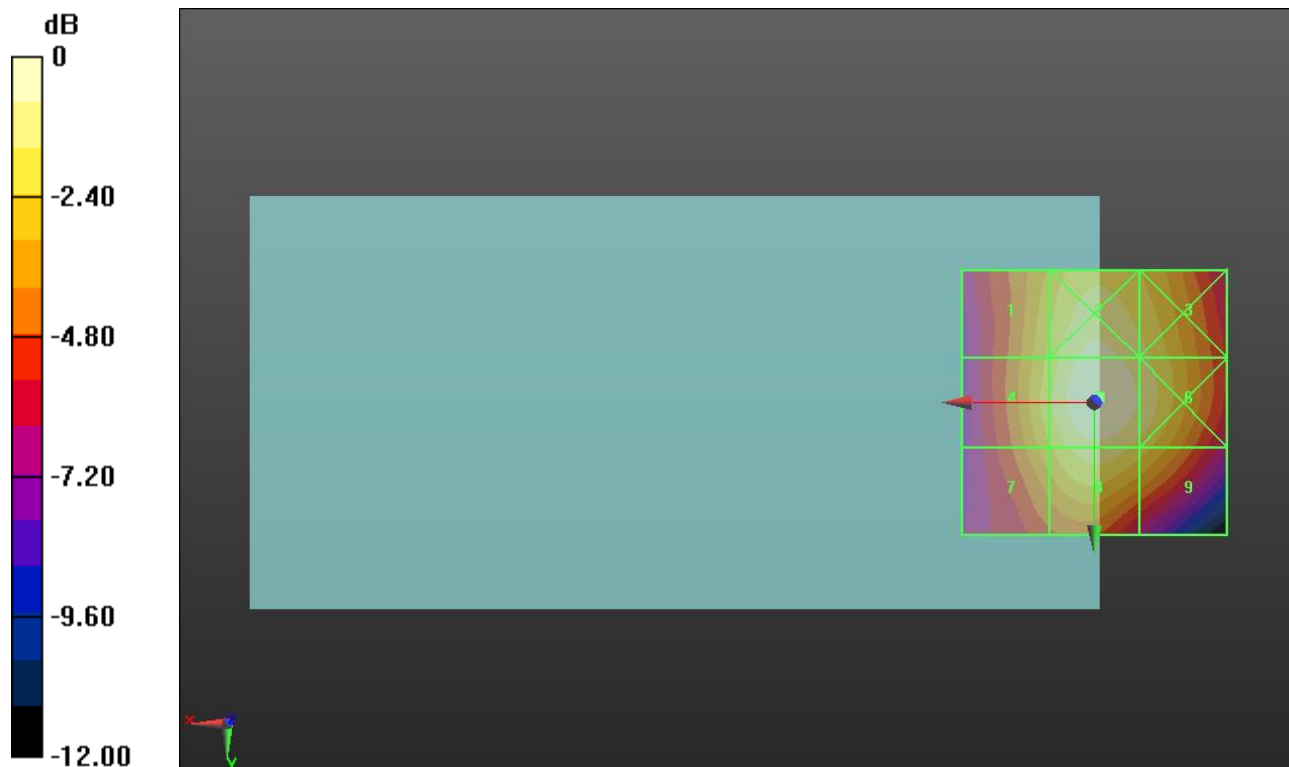
Applied MIF = 3.26 dB

RF audio interference level = 32.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.9 dBV/m	Grid 2 M4 31.56 dBV/m	Grid 3 M4 30.8 dBV/m
Grid 4 M4 30.28 dBV/m	Grid 5 M4 32.06 dBV/m	Grid 6 M4 31.2 dBV/m
Grid 7 M4 29.51 dBV/m	Grid 8 M4 31.06 dBV/m	Grid 9 M4 30.14 dBV/m



0 dB = 40.07 V/m = 32.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 52.56 V/m; Power Drift = -0.03 dB

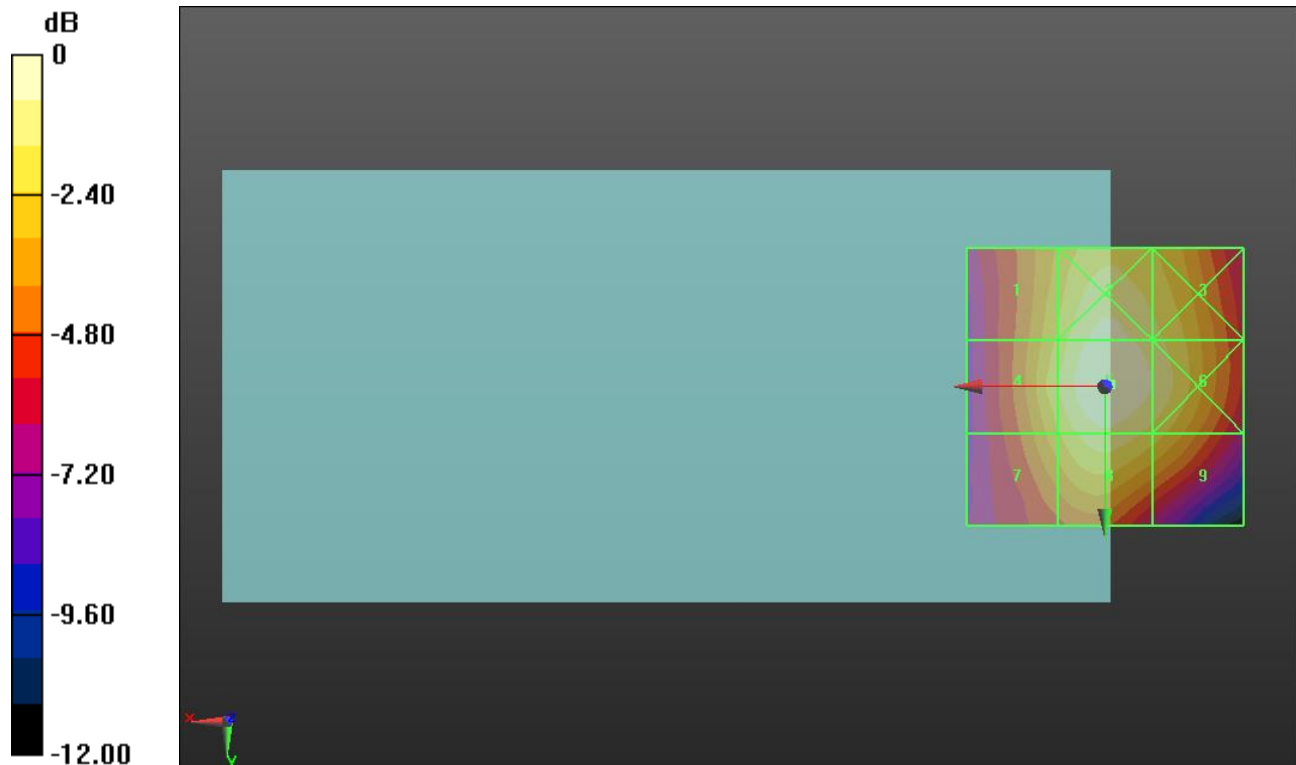
Applied MIF = 3.26 dB

RF audio interference level = 32.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.94 dBV/m	Grid 2 M4 31.68 dBV/m	Grid 3 M4 30.9 dBV/m
Grid 4 M4 30.51 dBV/m	Grid 5 M4 32.15 dBV/m	Grid 6 M4 31.35 dBV/m
Grid 7 M4 29.64 dBV/m	Grid 8 M4 31.16 dBV/m	Grid 9 M4 30.24 dBV/m



0 dB = 40.51 V/m = 32.15 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 43.27 V/m; Power Drift = 0.02 dB

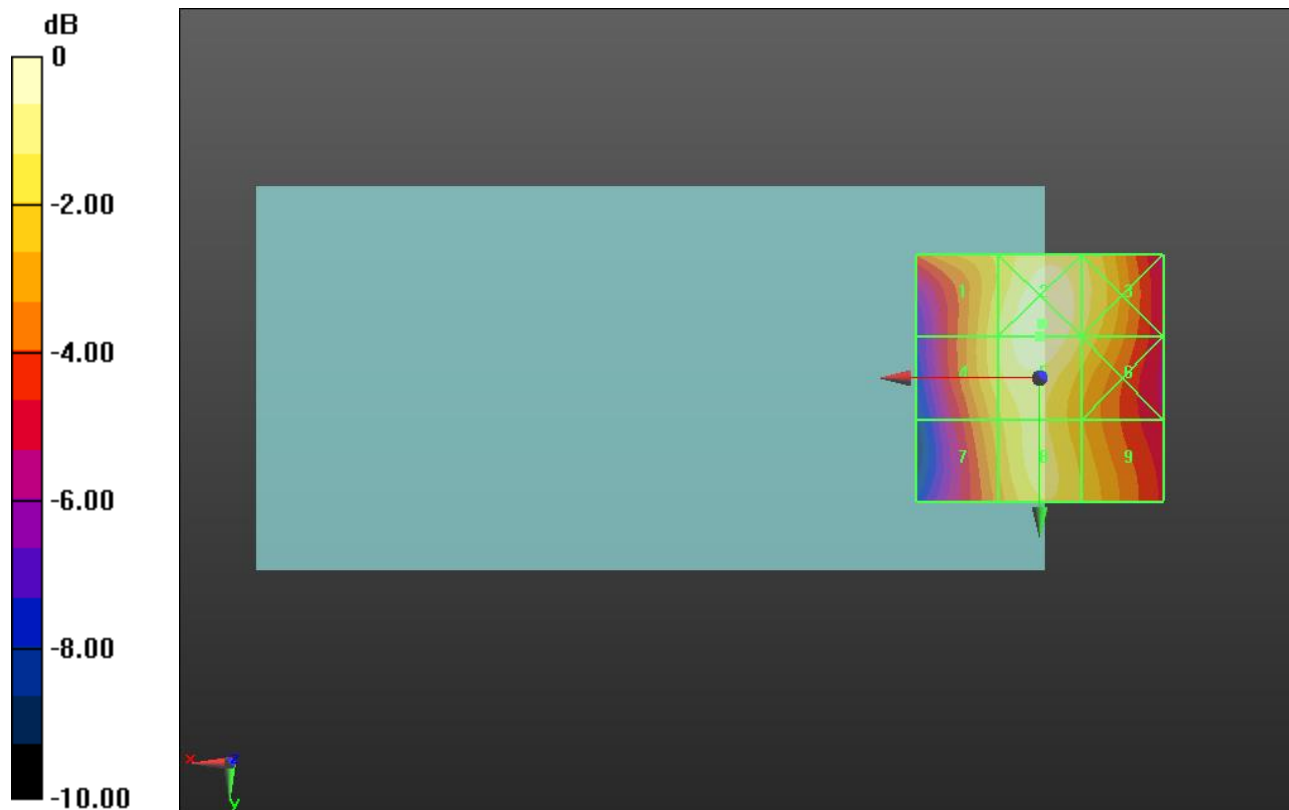
Applied MIF = -1.44 dB

RF audio interference level = 29.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.9 dBV/m	Grid 2 M4 29.24 dBV/m	Grid 3 M4 28.29 dBV/m
Grid 4 M4 27.91 dBV/m	Grid 5 M4 29.16 dBV/m	Grid 6 M4 27.95 dBV/m
Grid 7 M4 27.04 dBV/m	Grid 8 M4 28.17 dBV/m	Grid 9 M4 27.26 dBV/m



0 dB = 28.98 V/m = 29.24 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 = 42.40 V/m; Power Drift = 0.02 dB

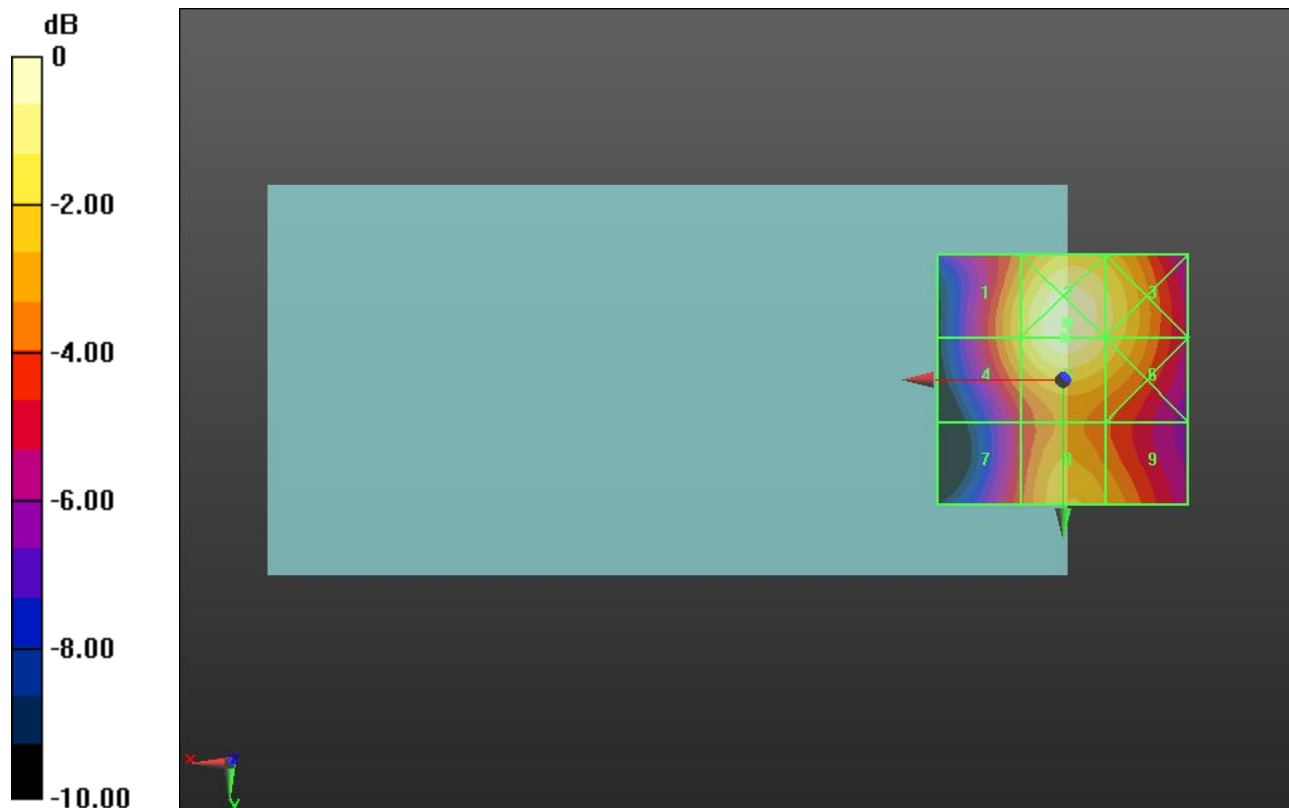
Applied MIF = -1.44 dB

RF audio interference level = 29.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.99 dBV/m	Grid 2 M4 29.84 dBV/m	Grid 3 M4 28.82 dBV/m
Grid 4 M4 27.89 dBV/m	Grid 5 M4 29.66 dBV/m	Grid 6 M4 28.61 dBV/m
Grid 7 M4 25.73 dBV/m	Grid 8 M4 27.9 dBV/m	Grid 9 M4 27.31 dBV/m



0 dB = 31.05 V/m = 29.84 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 = 49.24 V/m; Power Drift = 0.02 dB

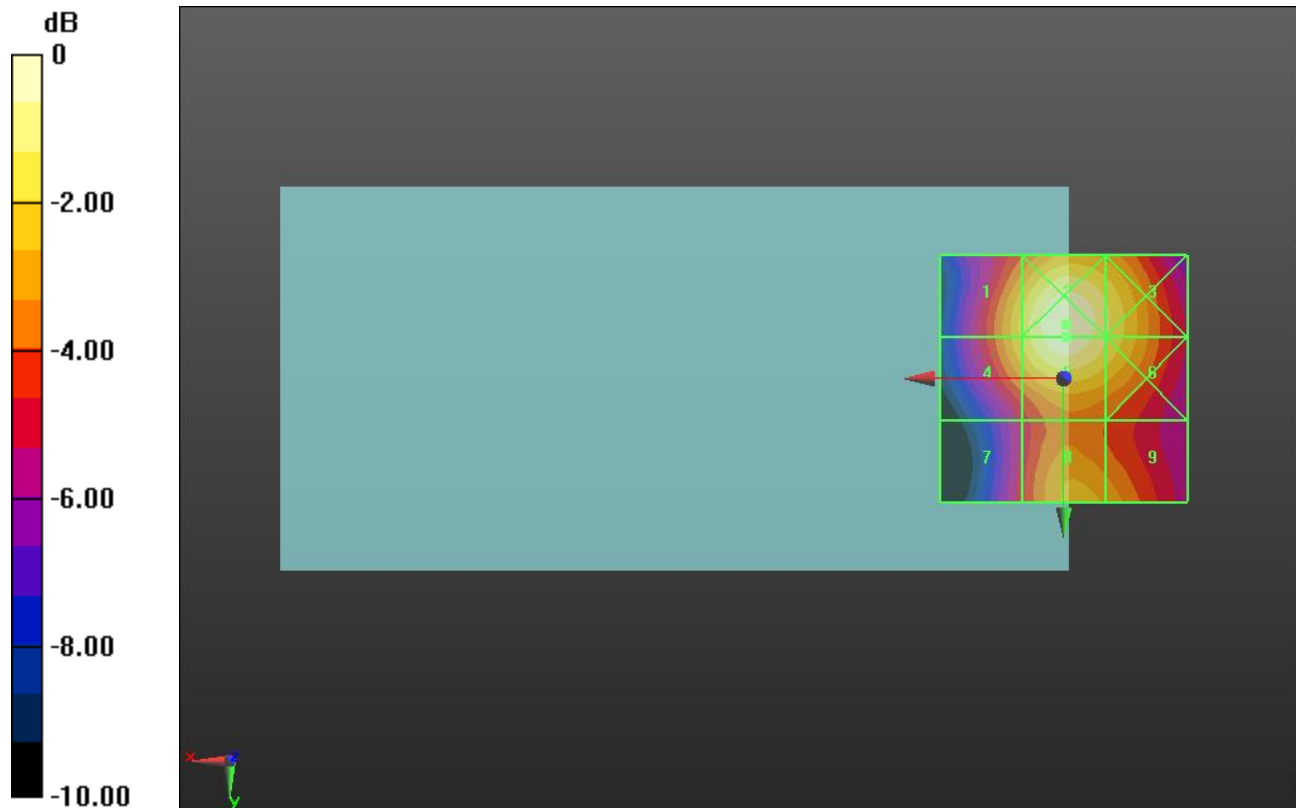
Applied MIF = -1.44 dB

RF audio interference level = 30.83 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.17 dBV/m	Grid 2 M3 30.94 dBV/m	Grid 3 M4 29.81 dBV/m
Grid 4 M4 29.1 dBV/m	Grid 5 M3 30.83 dBV/m	Grid 6 M4 29.71 dBV/m
Grid 7 M4 26.13 dBV/m	Grid 8 M4 28.56 dBV/m	Grid 9 M4 28.12 dBV/m



0 dB = 35.24 V/m = 30.94 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 = 50.89 V/m; Power Drift = -0.00 dB

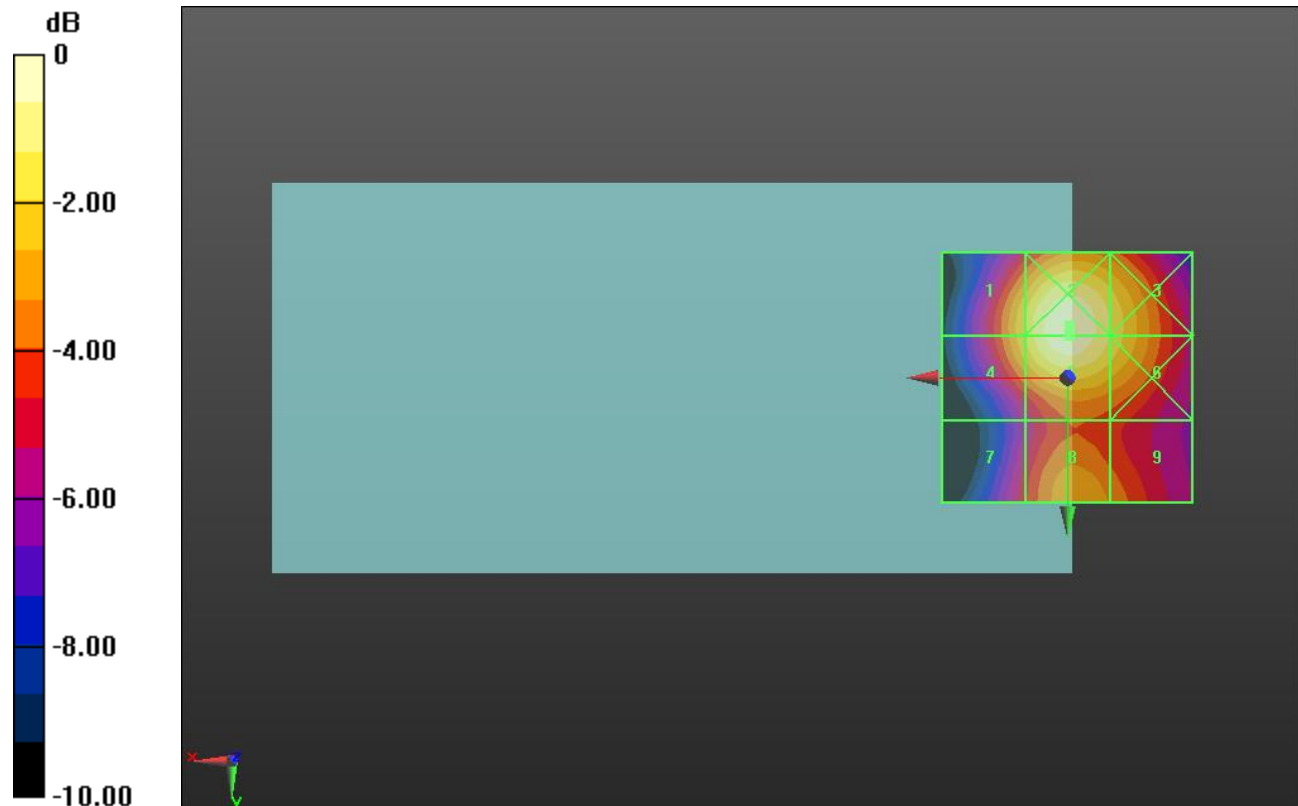
Applied MIF = -1.44 dB

RF audio interference level = 30.82 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.02 dBV/m	Grid 2 M3 30.89 dBV/m	Grid 3 M4 29.55 dBV/m
Grid 4 M4 28.97 dBV/m	Grid 5 M3 30.82 dBV/m	Grid 6 M4 29.51 dBV/m
Grid 7 M4 26.15 dBV/m	Grid 8 M4 28.12 dBV/m	Grid 9 M4 27.52 dBV/m



0 dB = 35.05 V/m = 30.89 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 = 49.96 V/m; Power Drift = -0.00 dB

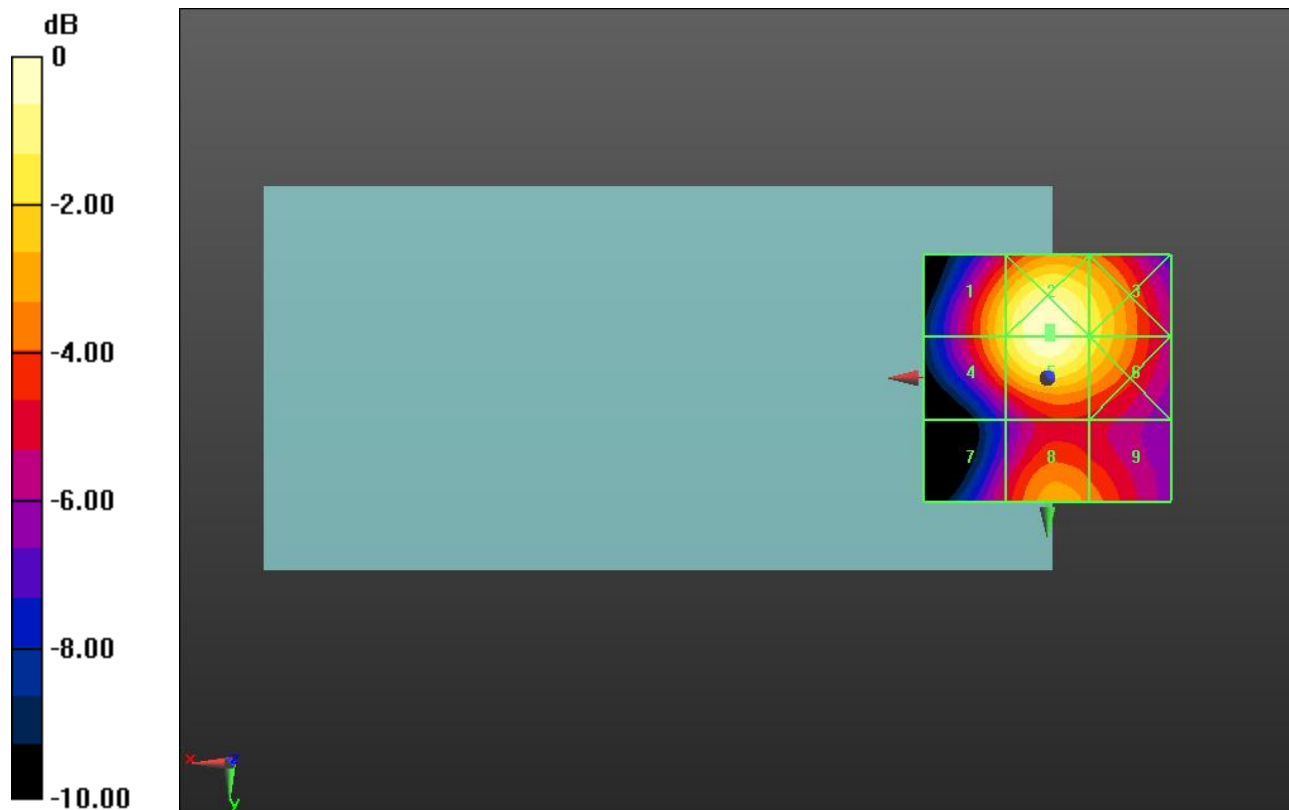
Applied MIF = -1.44 dB

RF audio interference level = 30.47 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.75 dBV/m	Grid 2 M3 30.52 dBV/m	Grid 3 M4 29.14 dBV/m
Grid 4 M4 28.7 dBV/m	Grid 5 M3 30.47 dBV/m	Grid 6 M4 29.09 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 27.58 dBV/m	Grid 9 M4 26.99 dBV/m



0 dB = 33.57 V/m = 30.52 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.41 V/m; Power Drift = -0.02 dB

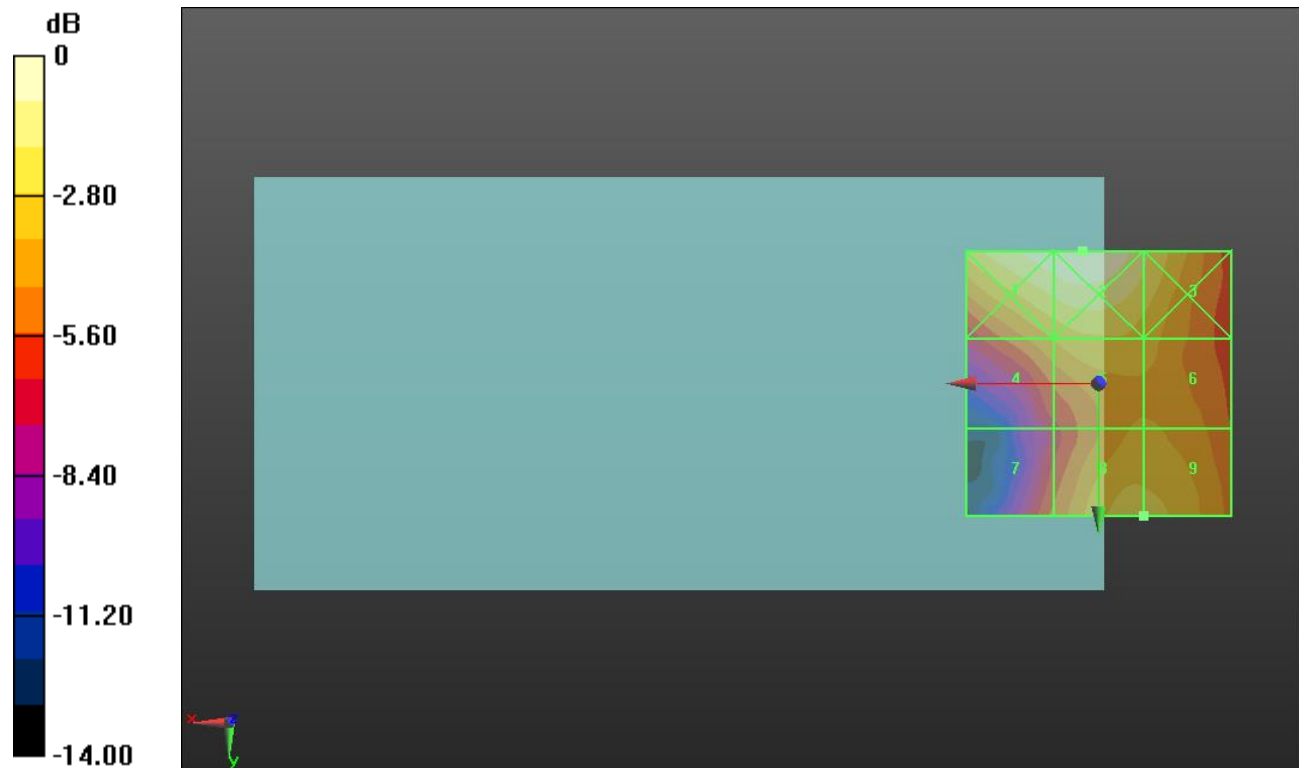
Applied MIF = 3.63 dB

RF audio interference level = 26.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.02 dBV/m	Grid 2 M4 29.25 dBV/m	Grid 3 M4 27.62 dBV/m
Grid 4 M4 25.61 dBV/m	Grid 5 M4 26.42 dBV/m	Grid 6 M4 25.98 dBV/m
Grid 7 M4 24 dBV/m	Grid 8 M4 26.86 dBV/m	Grid 9 M4 26.86 dBV/m



0 dB = 29.02 V/m = 29.25 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.12 V/m; Power Drift = 0.01 dB

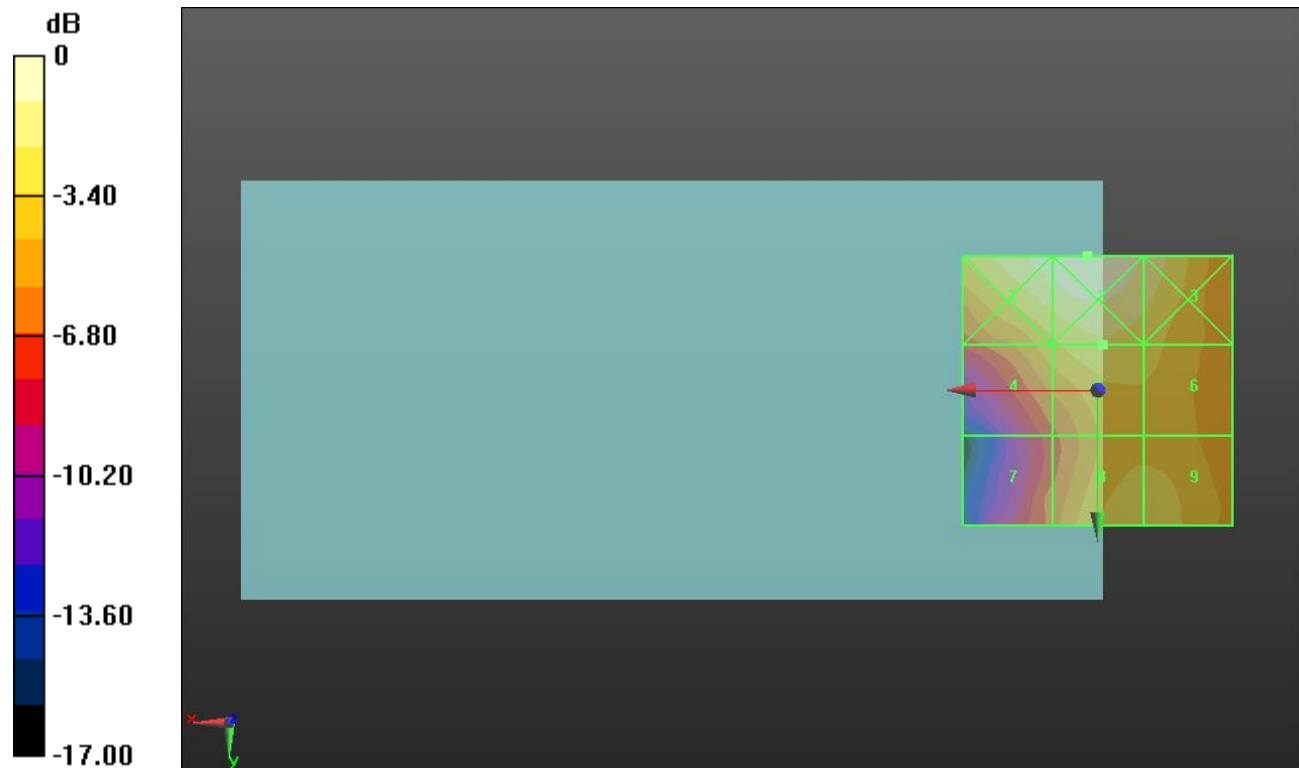
Applied MIF = 3.63 dB

RF audio interference level = 26.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.98 dBV/m	Grid 2 M4 29.33 dBV/m	Grid 3 M4 28 dBV/m
Grid 4 M4 25.62 dBV/m	Grid 5 M4 26.85 dBV/m	Grid 6 M4 26.46 dBV/m
Grid 7 M4 23.09 dBV/m	Grid 8 M4 26.64 dBV/m	Grid 9 M4 26.59 dBV/m



0 dB = 29.29 V/m = 29.33 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.22 V/m; Power Drift = -0.01 dB

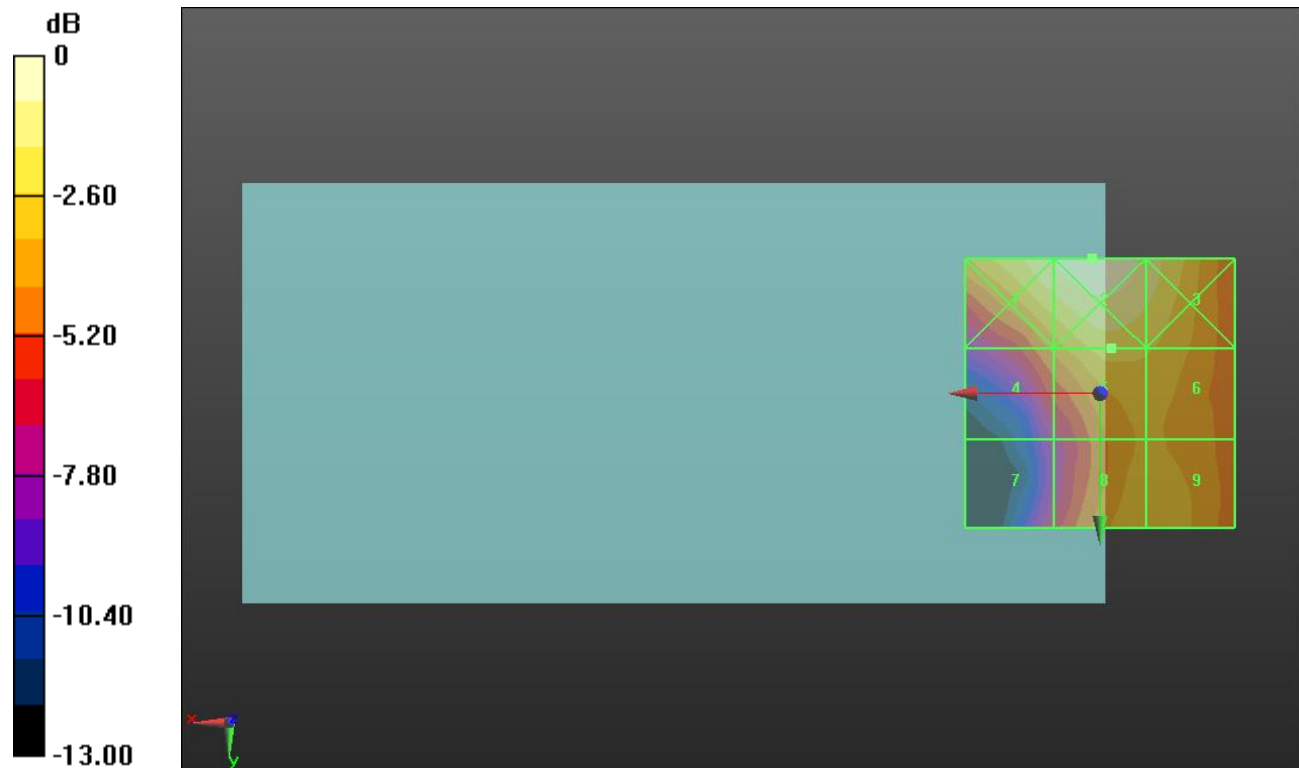
Applied MIF = 3.63 dB

RF audio interference level = 27.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.68 dBV/m	Grid 2 M4 29.37 dBV/m	Grid 3 M4 28.21 dBV/m
Grid 4 M4 25.4 dBV/m	Grid 5 M4 27.19 dBV/m	Grid 6 M4 26.92 dBV/m
Grid 7 M4 22.99 dBV/m	Grid 8 M4 26.72 dBV/m	Grid 9 M4 26.72 dBV/m



0 dB = 29.41 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: 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 = 15.10 V/m; Power Drift = -0.05 dB

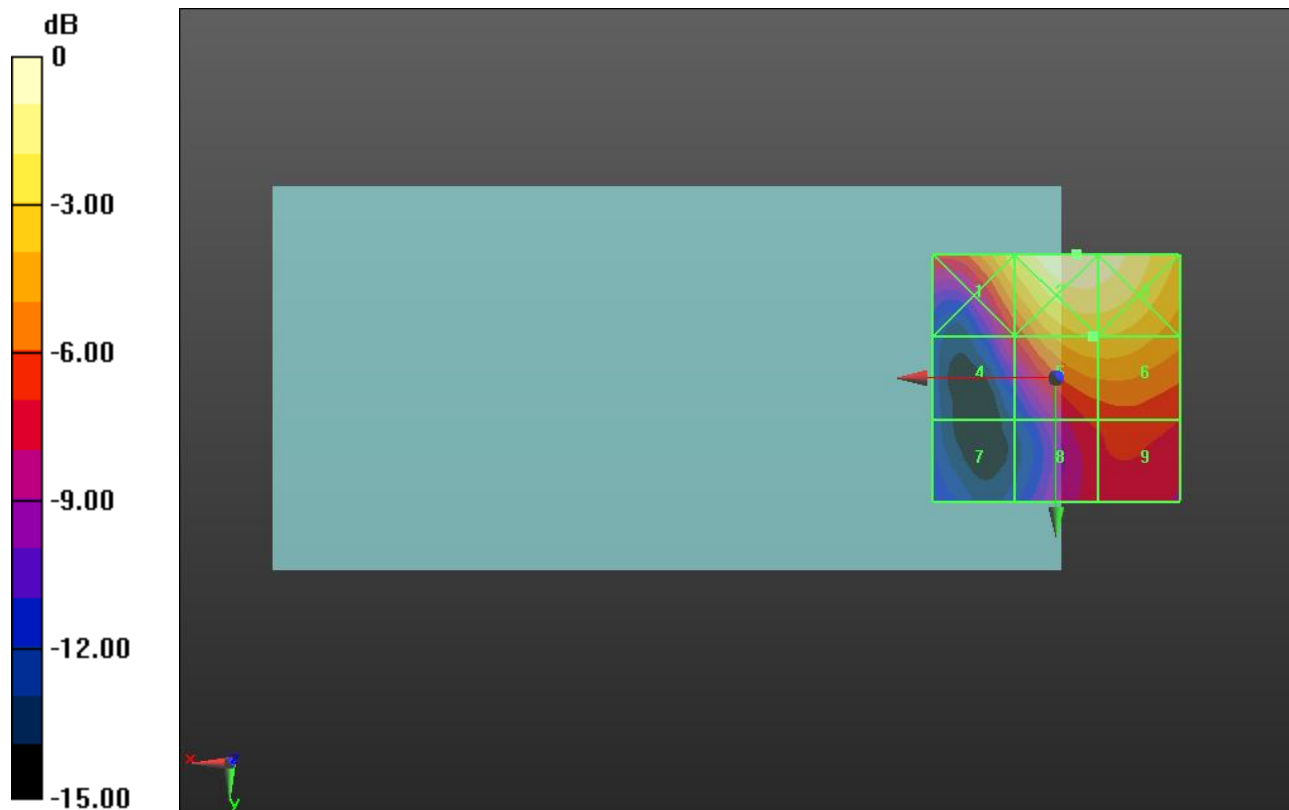
Applied MIF = -1.44 dB

RF audio interference level = 23.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.22 dBV/m	Grid 2 M4 26.38 dBV/m	Grid 3 M4 26.12 dBV/m
Grid 4 M4 19.35 dBV/m	Grid 5 M4 23.42 dBV/m	Grid 6 M4 23.41 dBV/m
Grid 7 M4 15.4 dBV/m	Grid 8 M4 19.68 dBV/m	Grid 9 M4 20.03 dBV/m



0 dB = 20.85 V/m = 26.38 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 = 18.32 V/m; Power Drift = 0.01 dB

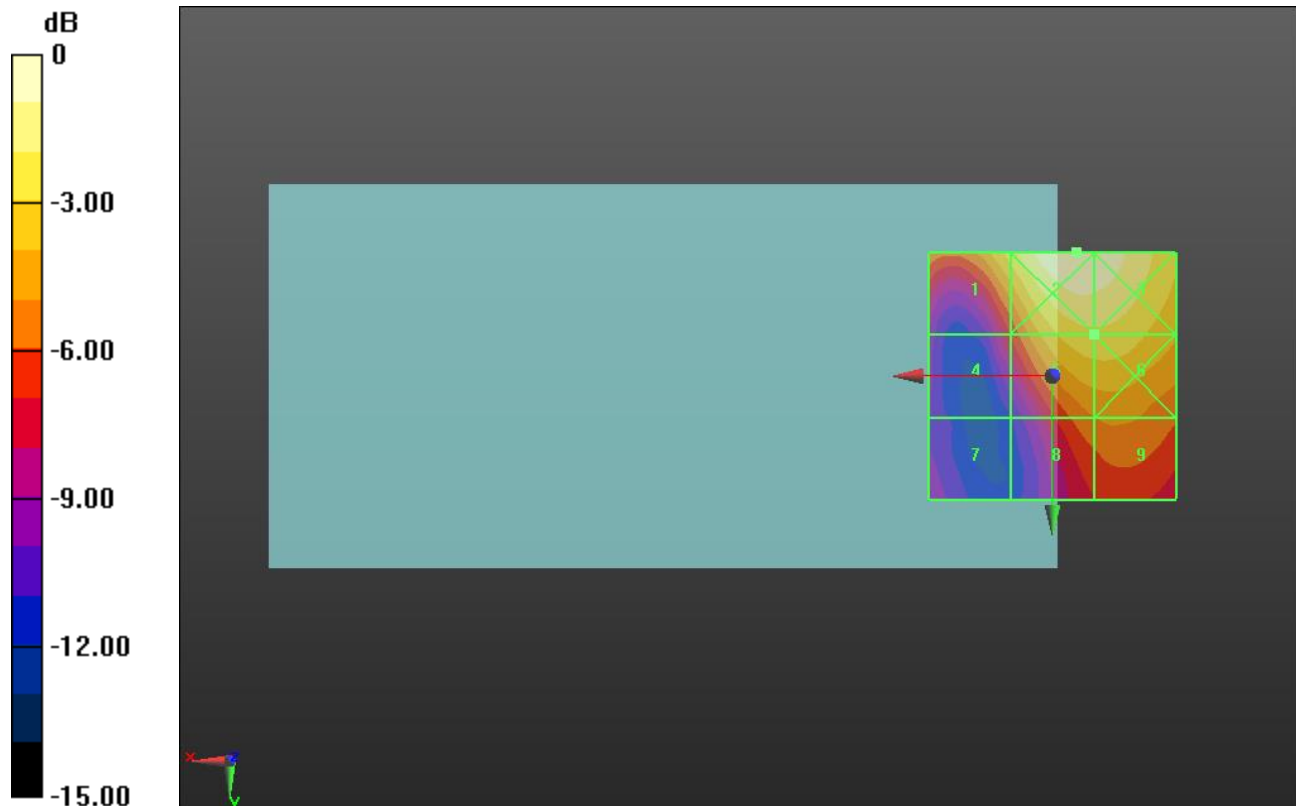
Applied MIF = -1.44 dB

RF audio interference level = 24.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.34 dBV/m	Grid 2 M4 26.79 dBV/m	Grid 3 M4 26.56 dBV/m
Grid 4 M4 19.87 dBV/m	Grid 5 M4 24.57 dBV/m	Grid 6 M4 24.57 dBV/m
Grid 7 M4 17.47 dBV/m	Grid 8 M4 21.76 dBV/m	Grid 9 M4 22.01 dBV/m



0 dB = 21.85 V/m = 26.79 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 19.41 V/m; Power Drift = 0.02 dB

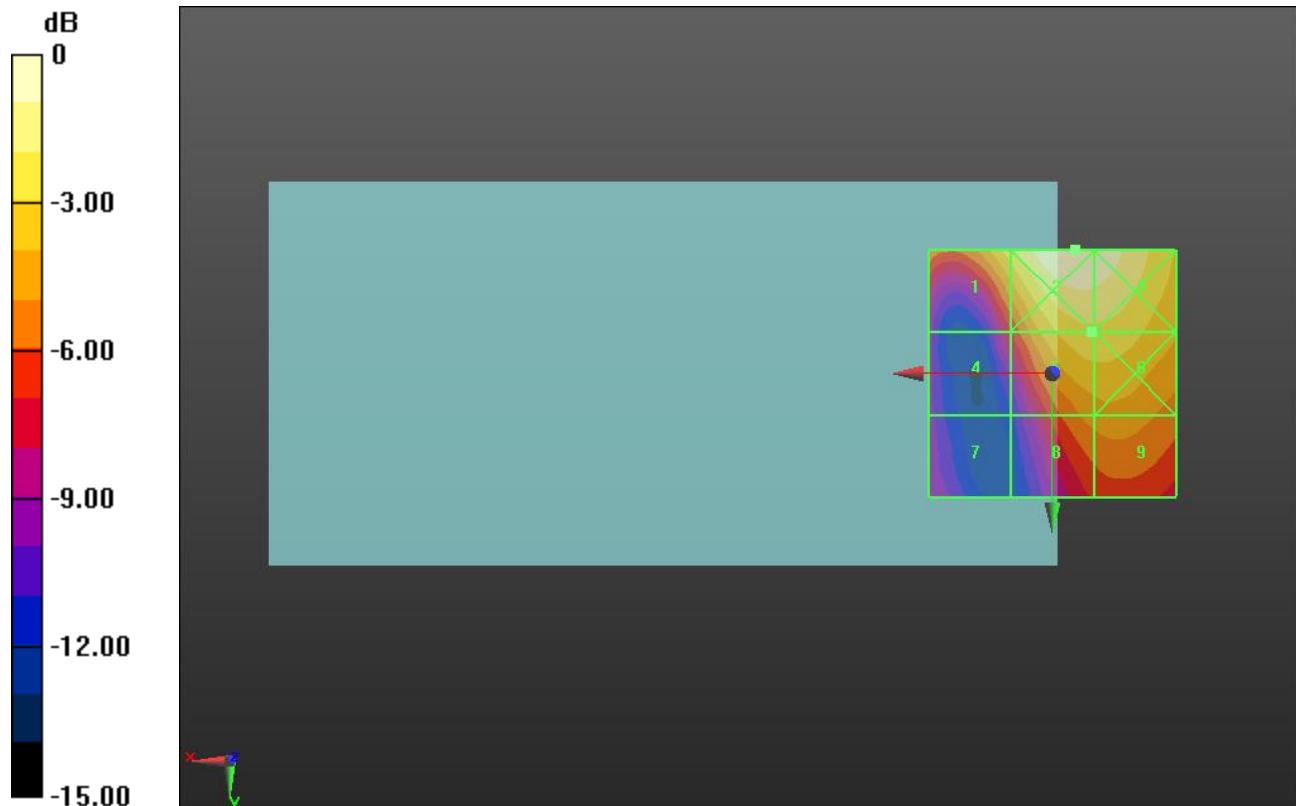
Applied MIF = -1.44 dB

RF audio interference level = 24.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.44 dBV/m	Grid 2 M4 26.84 dBV/m	Grid 3 M4 26.55 dBV/m
Grid 4 M4 19.78 dBV/m	Grid 5 M4 24.62 dBV/m	Grid 6 M4 24.62 dBV/m
Grid 7 M4 18.12 dBV/m	Grid 8 M4 22.29 dBV/m	Grid 9 M4 22.5 dBV/m



0 dB = 21.98 V/m = 26.84 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 = 18.57 V/m; Power Drift = 0.04 dB

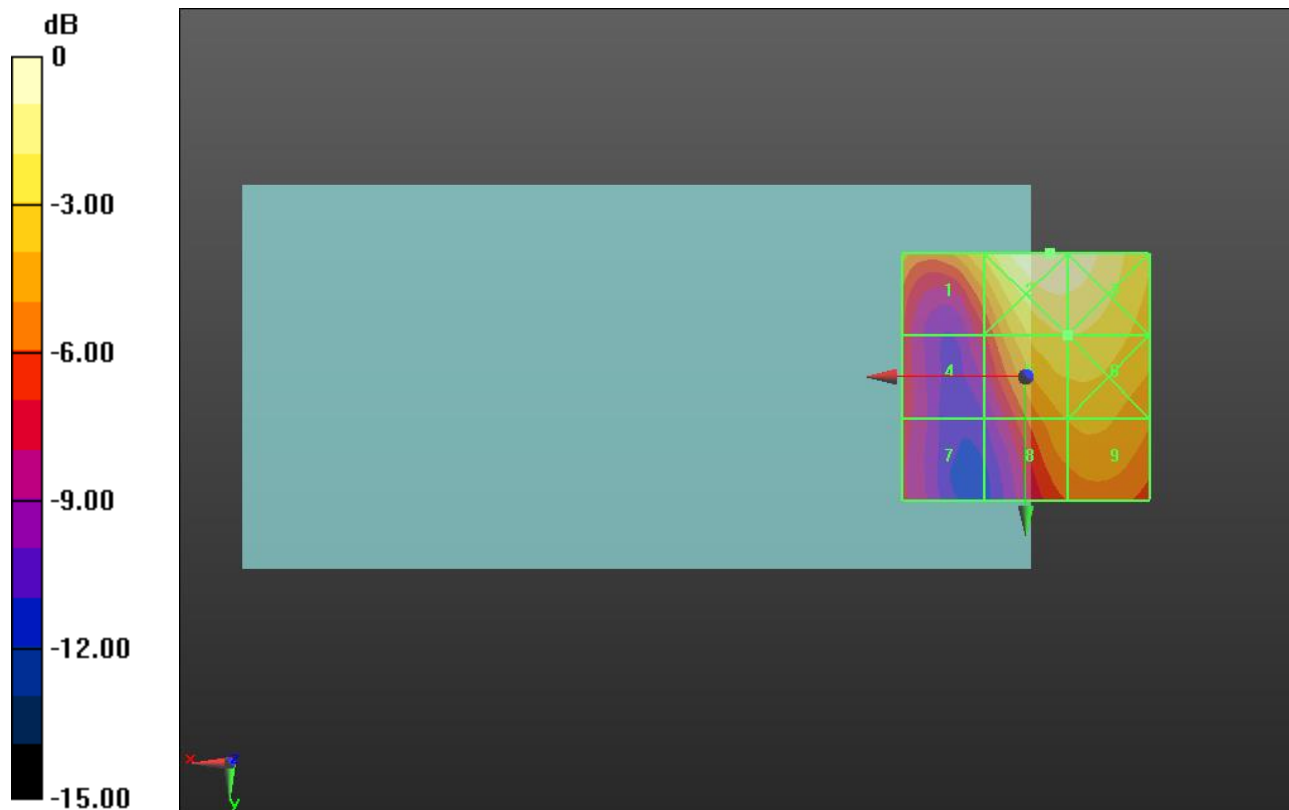
Applied MIF = -1.44 dB

RF audio interference level = 24.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.8 dBV/m	Grid 2 M4 26.49 dBV/m	Grid 3 M4 26.27 dBV/m
Grid 4 M4 19.7 dBV/m	Grid 5 M4 24.47 dBV/m	Grid 6 M4 24.47 dBV/m
Grid 7 M4 19.03 dBV/m	Grid 8 M4 22.56 dBV/m	Grid 9 M4 22.79 dBV/m



0 dB = 21.11 V/m = 26.49 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 = 17.92 V/m; Power Drift = -0.01 dB

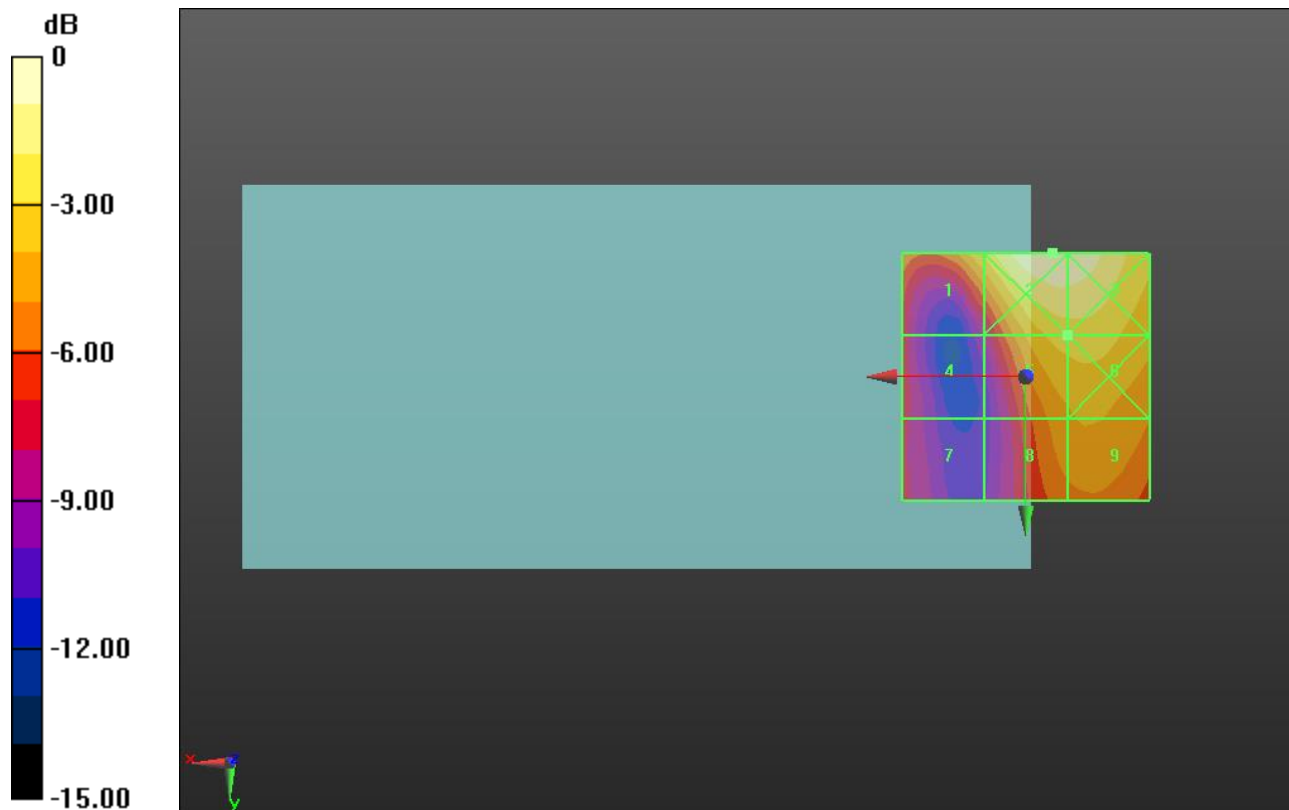
Applied MIF = -1.44 dB

RF audio interference level = 24.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.93 dBV/m	Grid 2 M4 26.69 dBV/m	Grid 3 M4 26.51 dBV/m
Grid 4 M4 19.51 dBV/m	Grid 5 M4 24.2 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 19.11 dBV/m	Grid 8 M4 22.53 dBV/m	Grid 9 M4 22.78 dBV/m



0 dB = 21.60 V/m = 26.69 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 = 15.95 V/m; Power Drift = -0.01 dB

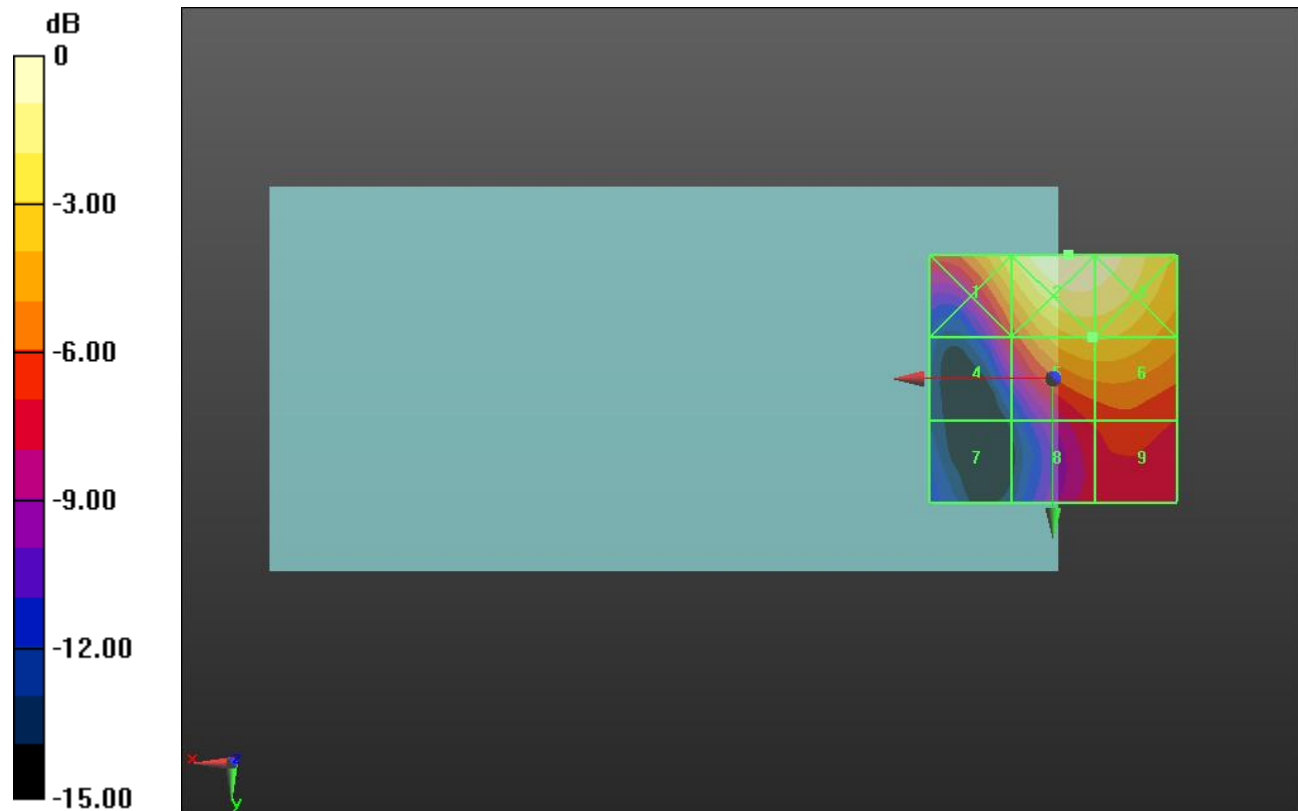
Applied MIF = -1.44 dB

RF audio interference level = 23.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.53 dBV/m	Grid 2 M4 26.54 dBV/m	Grid 3 M4 26.25 dBV/m
Grid 4 M4 19.77 dBV/m	Grid 5 M4 23.7 dBV/m	Grid 6 M4 23.7 dBV/m
Grid 7 M4 15.17 dBV/m	Grid 8 M4 19.77 dBV/m	Grid 9 M4 20.23 dBV/m



0 dB = 21.24 V/m = 26.54 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 = 19.11 V/m; Power Drift = 0.01 dB

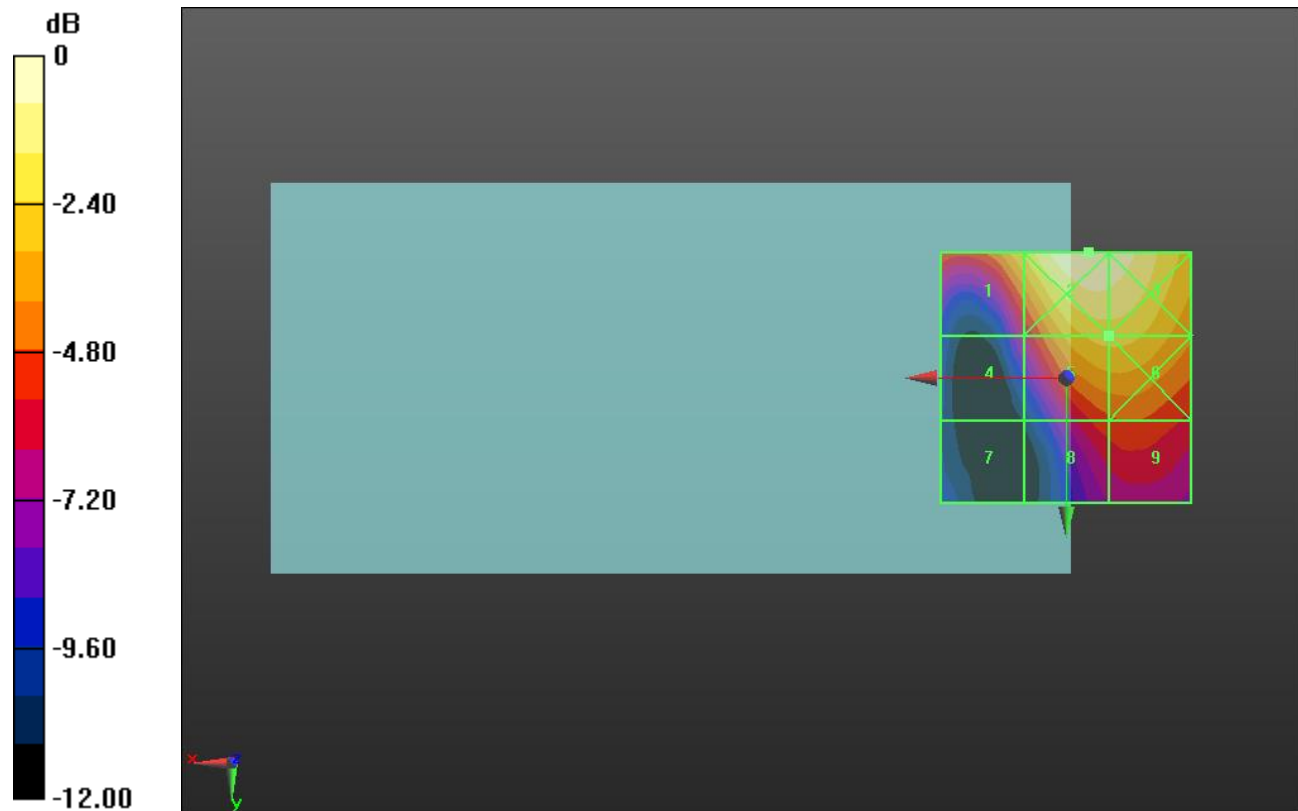
Applied MIF = -1.44 dB

RF audio interference level = 24.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.6 dBV/m	Grid 2 M4 26.83 dBV/m	Grid 3 M4 26.62 dBV/m
Grid 4 M4 20.31 dBV/m	Grid 5 M4 24.77 dBV/m	Grid 6 M4 24.77 dBV/m
Grid 7 M4 17.13 dBV/m	Grid 8 M4 21.85 dBV/m	Grid 9 M4 22.07 dBV/m



0 dB = 21.94 V/m = 26.82 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 20.15 V/m; Power Drift = 0.00 dB

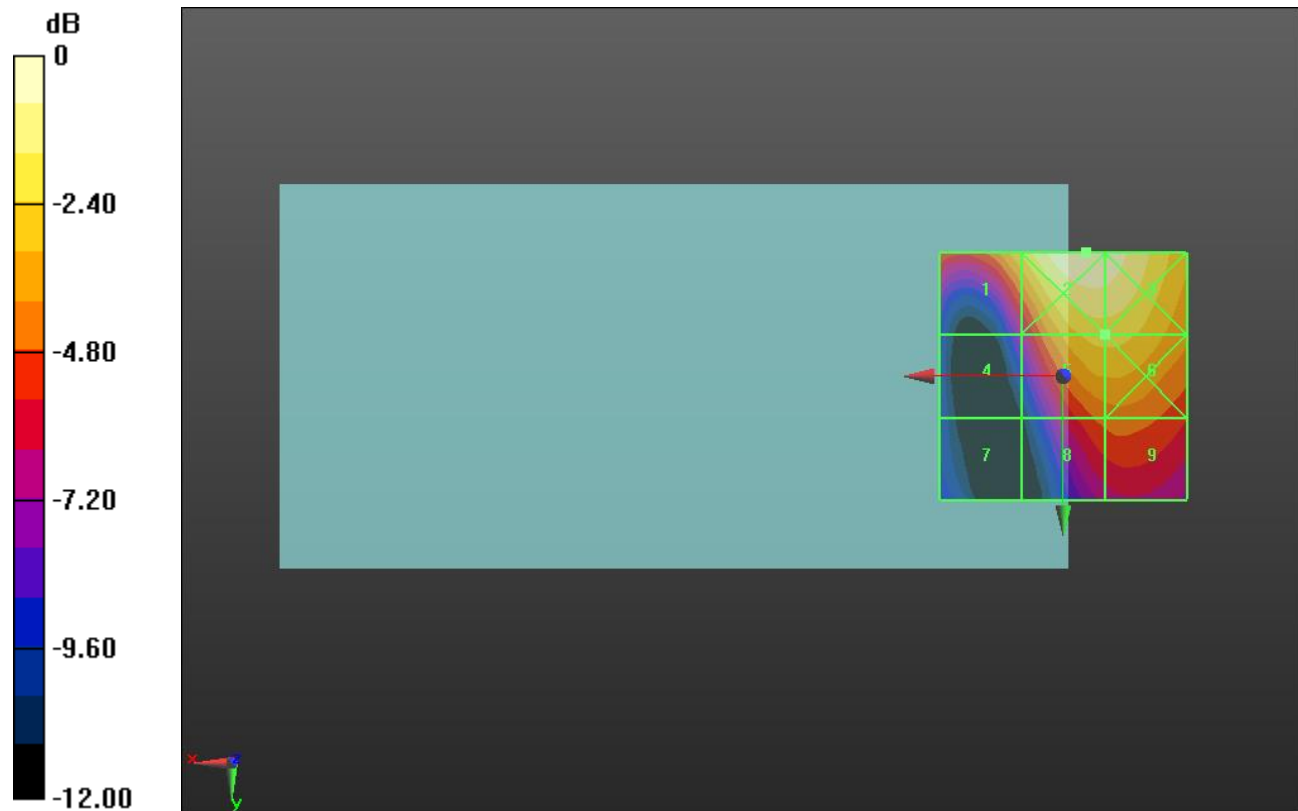
Applied MIF = -1.44 dB

RF audio interference level = 24.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.54 dBV/m	Grid 2 M4 26.88 dBV/m	Grid 3 M4 26.62 dBV/m
Grid 4 M4 19.77 dBV/m	Grid 5 M4 24.83 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 18.06 dBV/m	Grid 8 M4 22.4 dBV/m	Grid 9 M4 22.58 dBV/m



0 dB = 22.07 V/m = 26.88 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 = 19.49 V/m; Power Drift = -0.00 dB

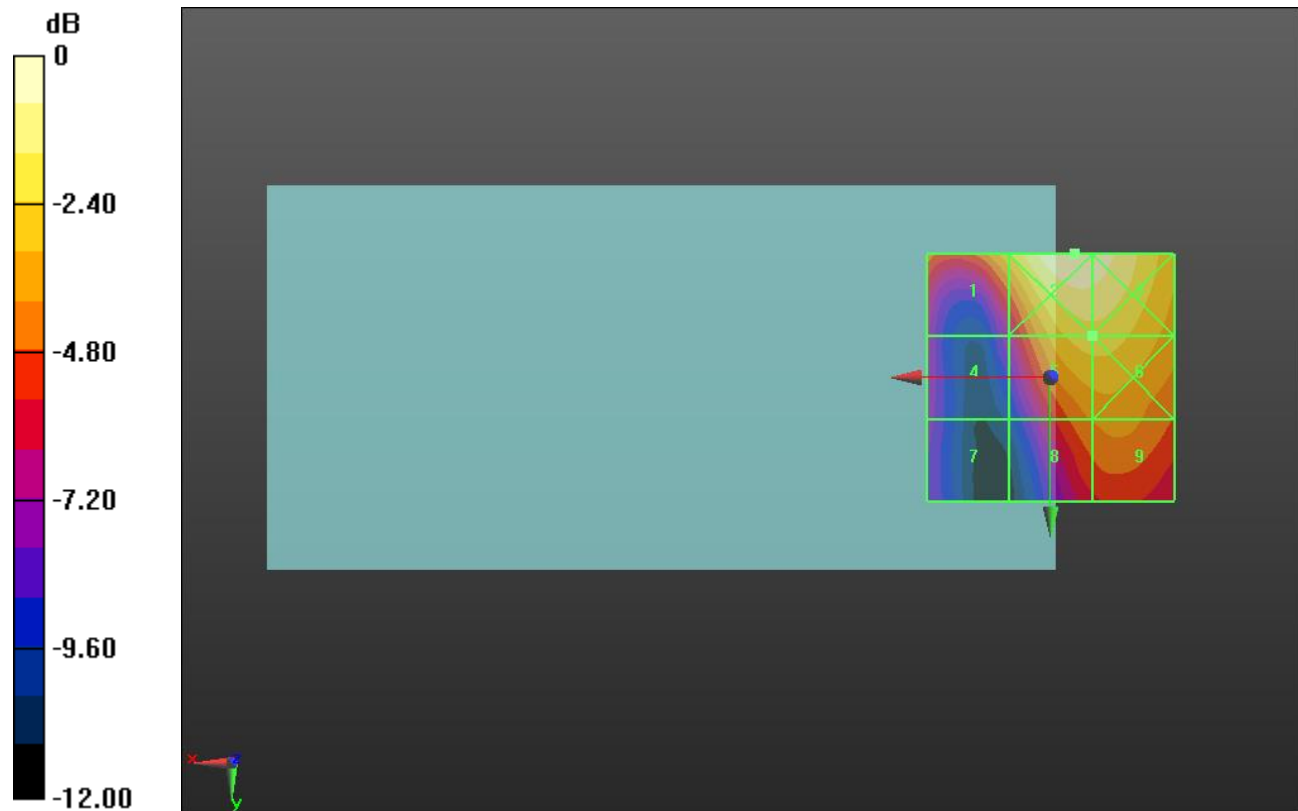
Applied MIF = -1.44 dB

RF audio interference level = 24.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.12 dBV/m	Grid 2 M4 26.62 dBV/m	Grid 3 M4 26.37 dBV/m
Grid 4 M4 19.73 dBV/m	Grid 5 M4 24.68 dBV/m	Grid 6 M4 24.68 dBV/m
Grid 7 M4 19.08 dBV/m	Grid 8 M4 22.68 dBV/m	Grid 9 M4 22.97 dBV/m



0 dB = 21.42 V/m = 26.62 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 = 18.60 V/m; Power Drift = -0.03 dB

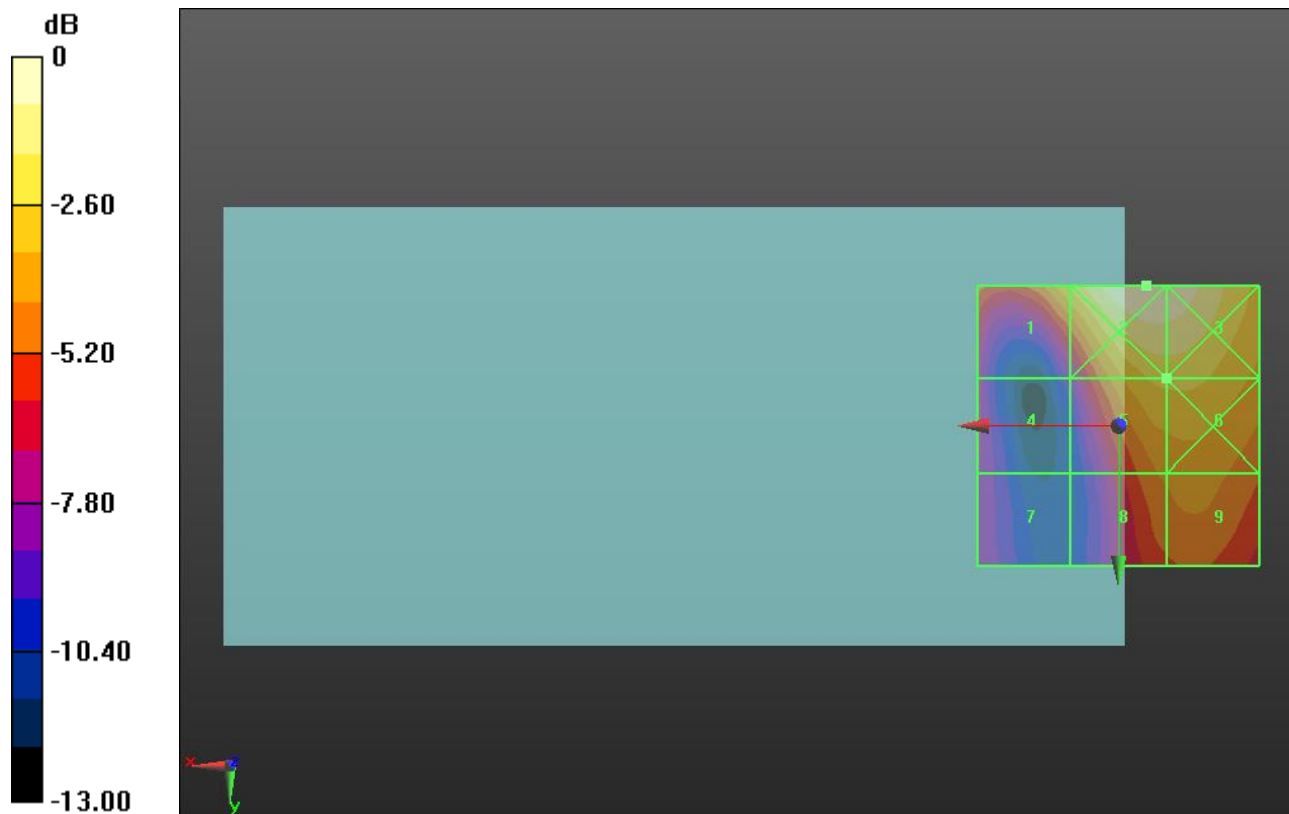
Applied MIF = -1.44 dB

RF audio interference level = 24.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.36 dBV/m	Grid 2 M4 26.78 dBV/m	Grid 3 M4 26.64 dBV/m
Grid 4 M4 19.41 dBV/m	Grid 5 M4 24.47 dBV/m	Grid 6 M4 24.51 dBV/m
Grid 7 M4 19.1 dBV/m	Grid 8 M4 22.62 dBV/m	Grid 9 M4 22.87 dBV/m



0 dB = 21.82 V/m = 26.78 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 = 17.08 V/m; Power Drift = 0.04 dB

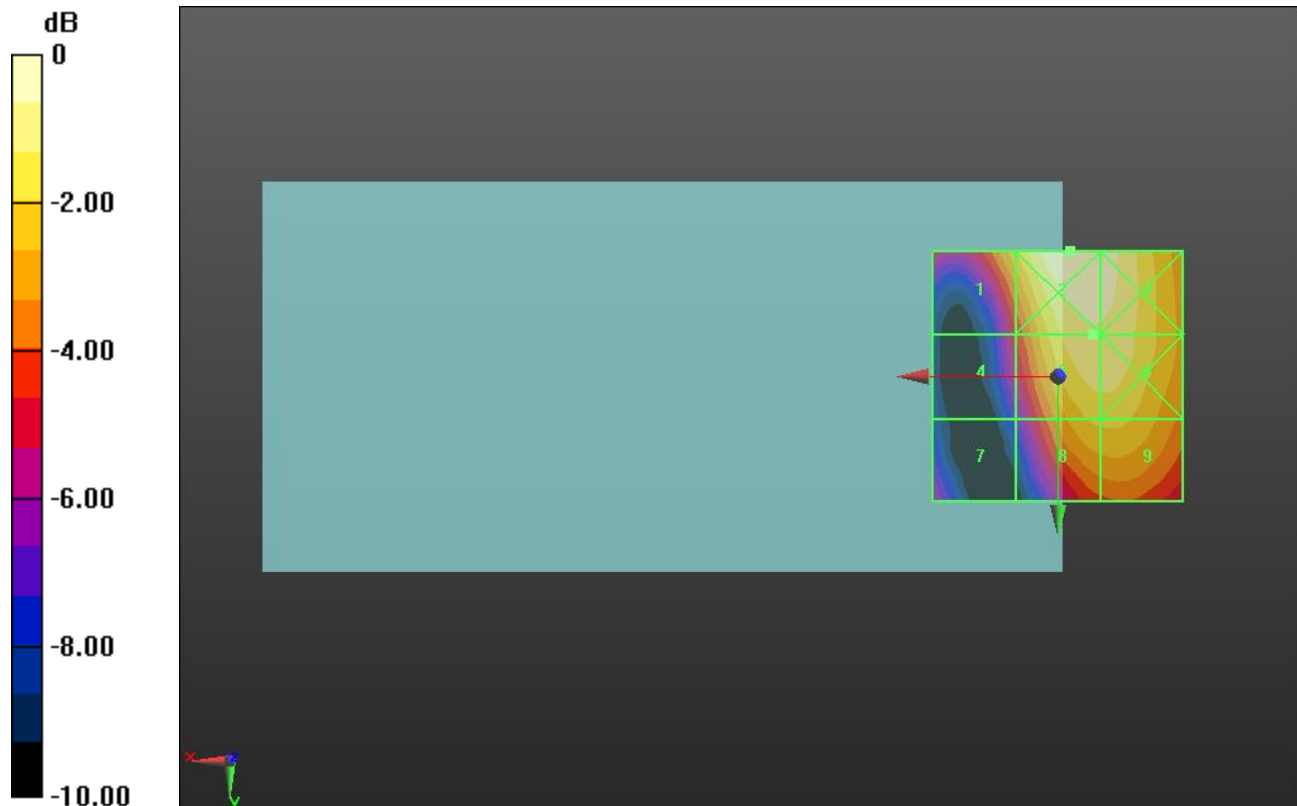
Applied MIF = -2.02 dB

RF audio interference level = 22.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.69 dBV/m	Grid 2 M4 22.76 dBV/m	Grid 3 M4 22.5 dBV/m
Grid 4 M4 18.05 dBV/m	Grid 5 M4 22.02 dBV/m	Grid 6 M4 22 dBV/m
Grid 7 M4 16.95 dBV/m	Grid 8 M4 20.93 dBV/m	Grid 9 M4 20.96 dBV/m



0 dB = 13.74 V/m = 22.76 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 = 17.81 V/m; Power Drift = -0.05 dB

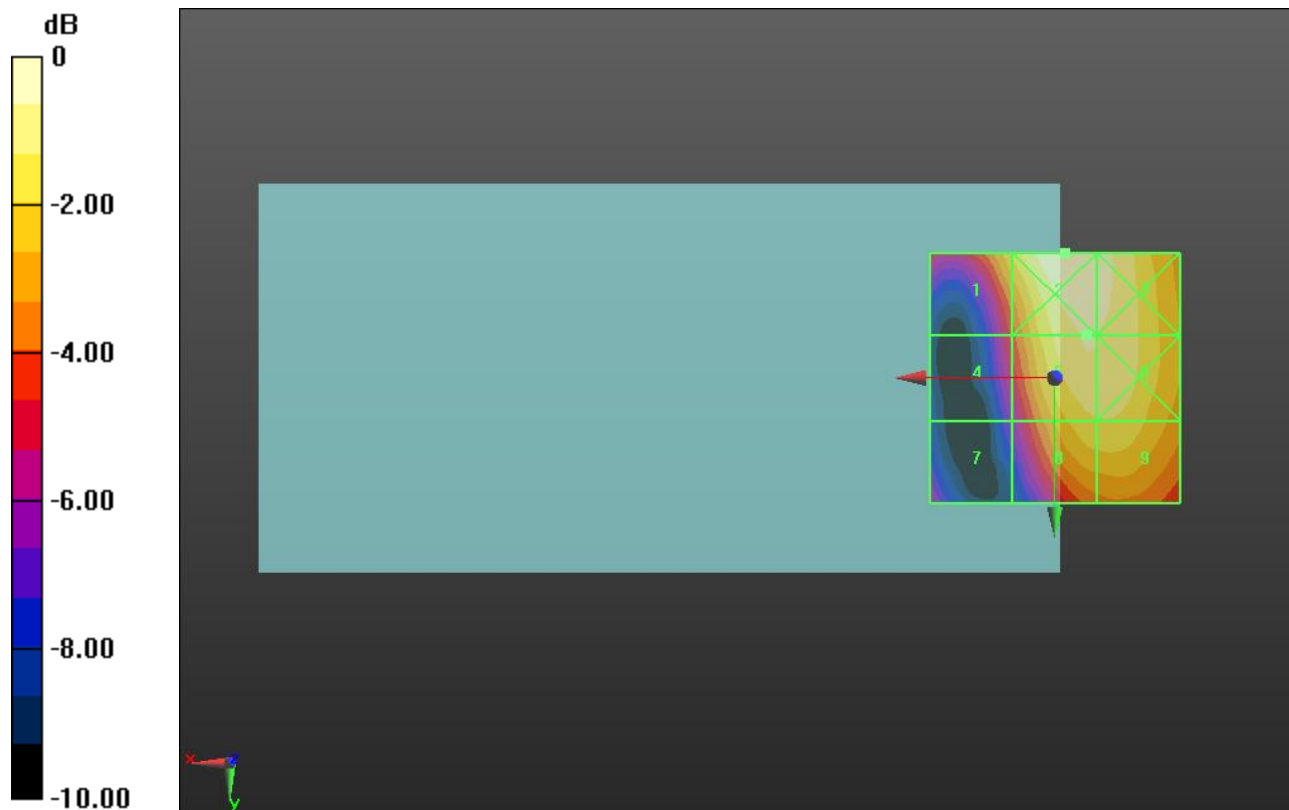
Applied MIF = -2.02 dB

RF audio interference level = 22.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.76 dBV/m	Grid 2 M4 22.68 dBV/m	Grid 3 M4 22.34 dBV/m
Grid 4 M4 18.35 dBV/m	Grid 5 M4 22.07 dBV/m	Grid 6 M4 22.03 dBV/m
Grid 7 M4 17.11 dBV/m	Grid 8 M4 21.3 dBV/m	Grid 9 M4 21.33 dBV/m



0 dB = 13.62 V/m = 22.68 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.99 V/m; Power Drift = -0.07 dB

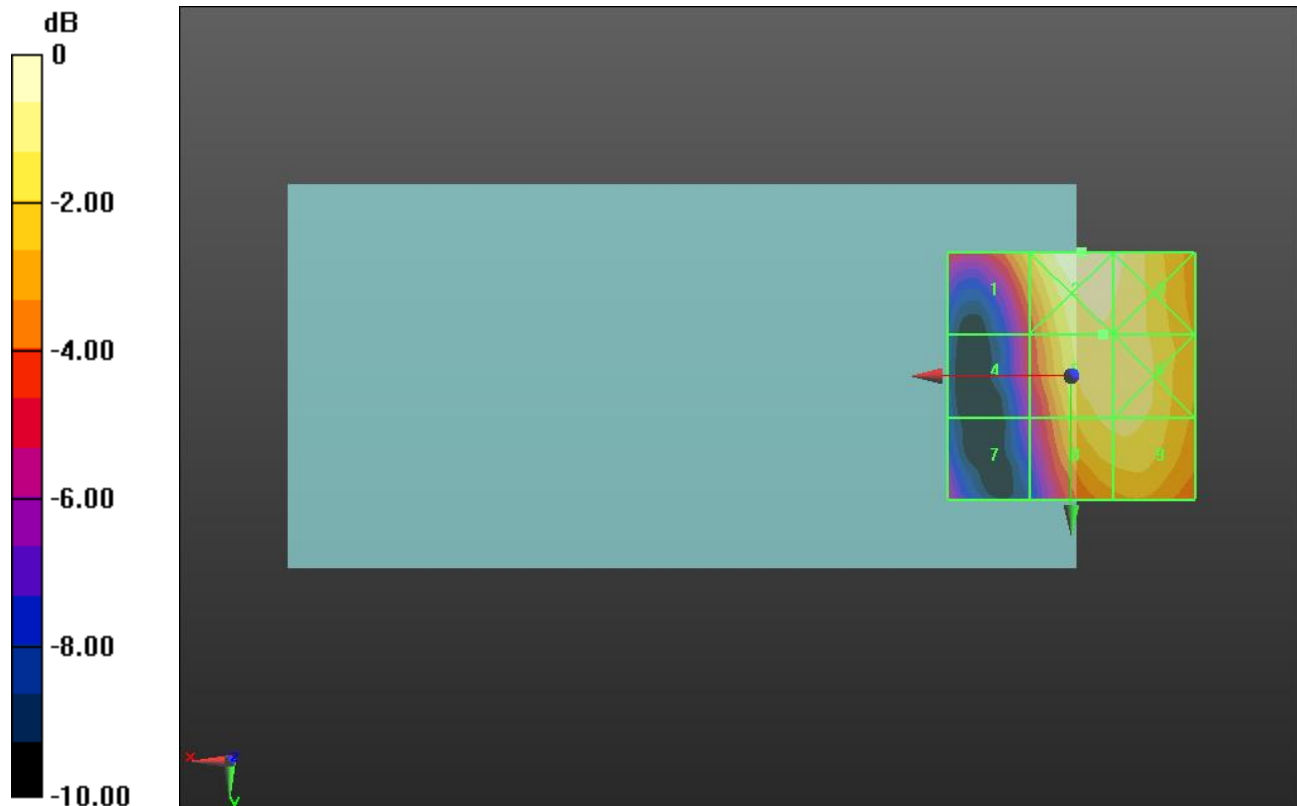
Applied MIF = -2.02 dB

RF audio interference level = 20.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.53 dBV/m	Grid 2 M4 21.57 dBV/m	Grid 3 M4 21.21 dBV/m
Grid 4 M4 16.99 dBV/m	Grid 5 M4 20.86 dBV/m	Grid 6 M4 20.84 dBV/m
Grid 7 M4 16.08 dBV/m	Grid 8 M4 20.42 dBV/m	Grid 9 M4 20.45 dBV/m



0 dB = 11.99 V/m = 21.58 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.89 V/m; Power Drift = -0.10 dB

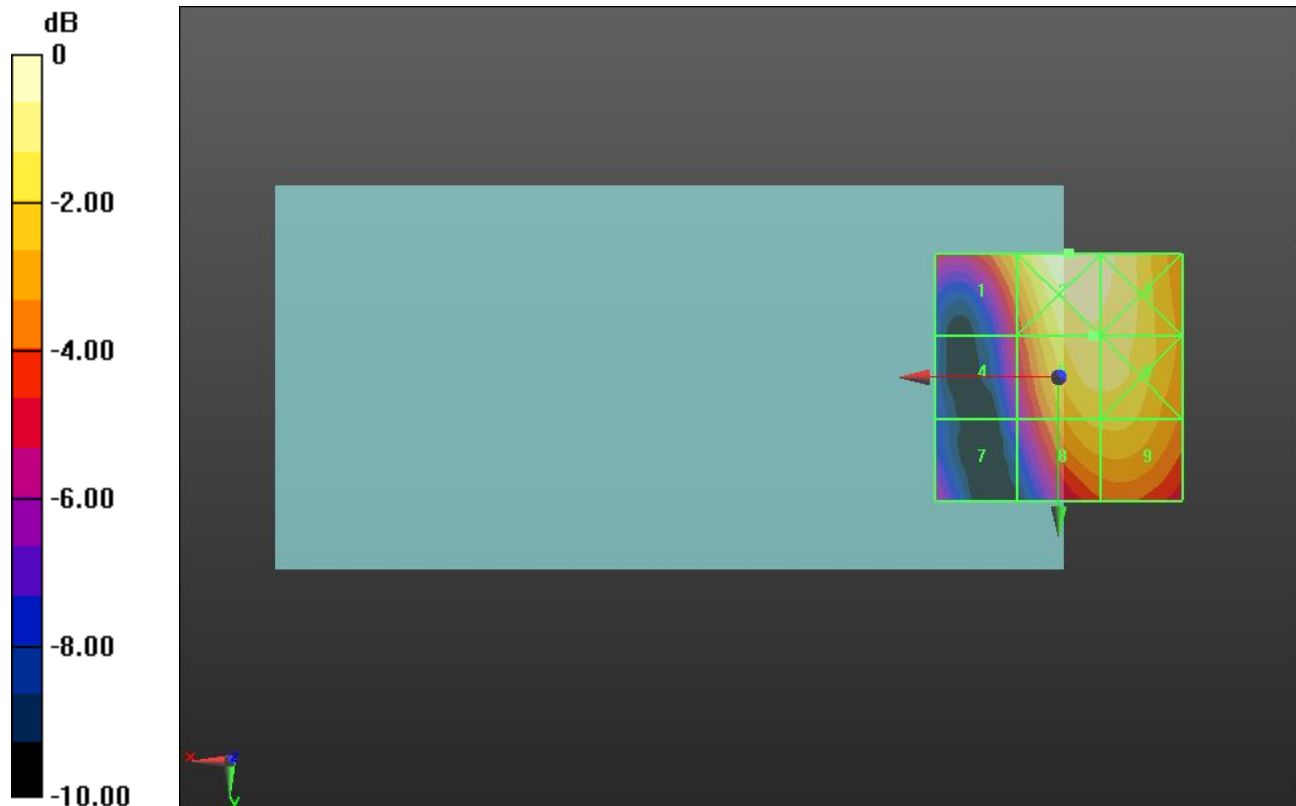
Applied MIF = 0.12 dB

RF audio interference level = 23.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.14 dBV/m	Grid 2 M4 24.24 dBV/m	Grid 3 M4 23.9 dBV/m
Grid 4 M4 19.56 dBV/m	Grid 5 M4 23.47 dBV/m	Grid 6 M4 23.45 dBV/m
Grid 7 M4 18.52 dBV/m	Grid 8 M4 22.43 dBV/m	Grid 9 M4 22.46 dBV/m



0 dB = 16.29 V/m = 24.24 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.22 V/m; Power Drift = -0.09 dB

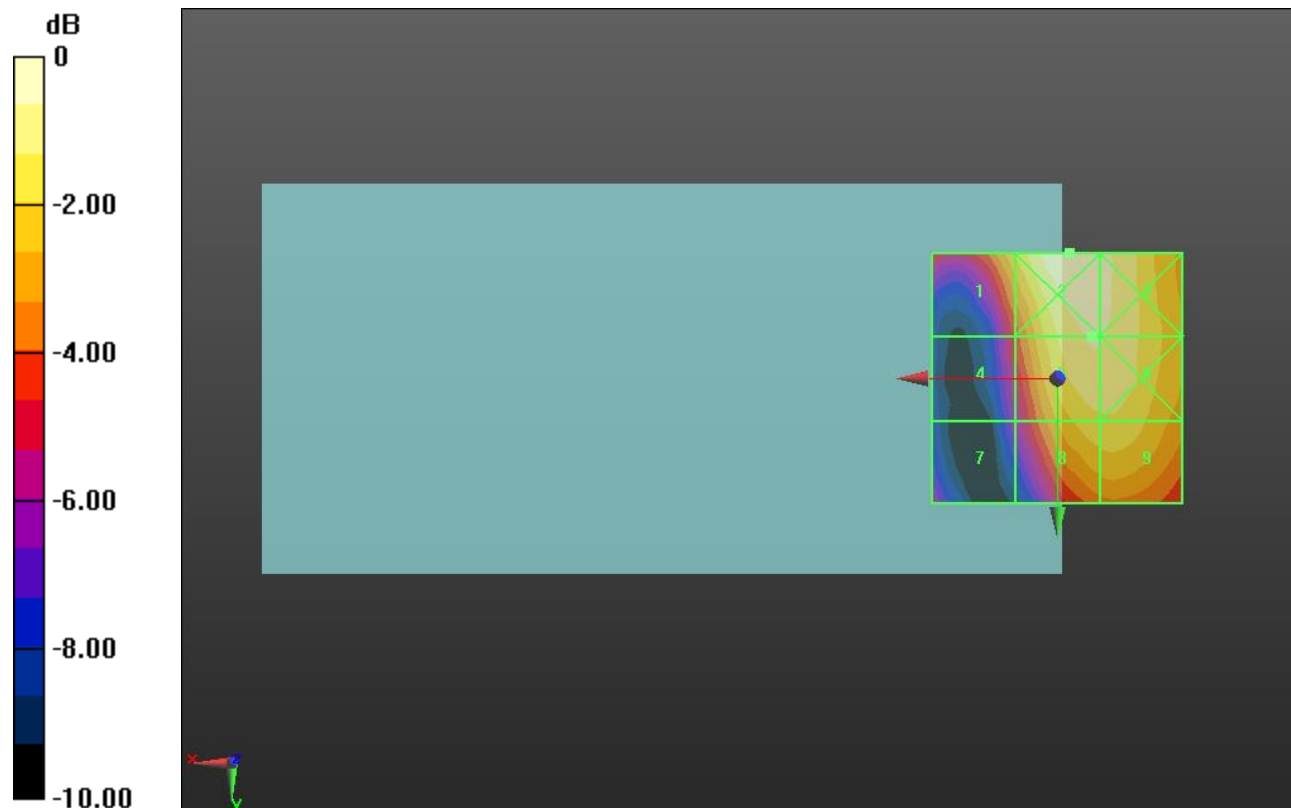
Applied MIF = 0.12 dB

RF audio interference level = 23.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.13 dBV/m	Grid 2 M4 24.09 dBV/m	Grid 3 M4 23.7 dBV/m
Grid 4 M4 19.65 dBV/m	Grid 5 M4 23.47 dBV/m	Grid 6 M4 23.45 dBV/m
Grid 7 M4 18.33 dBV/m	Grid 8 M4 22.61 dBV/m	Grid 9 M4 22.65 dBV/m



0 dB = 16.01 V/m = 24.09 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 = 15.62 V/m; Power Drift = -0.11 dB

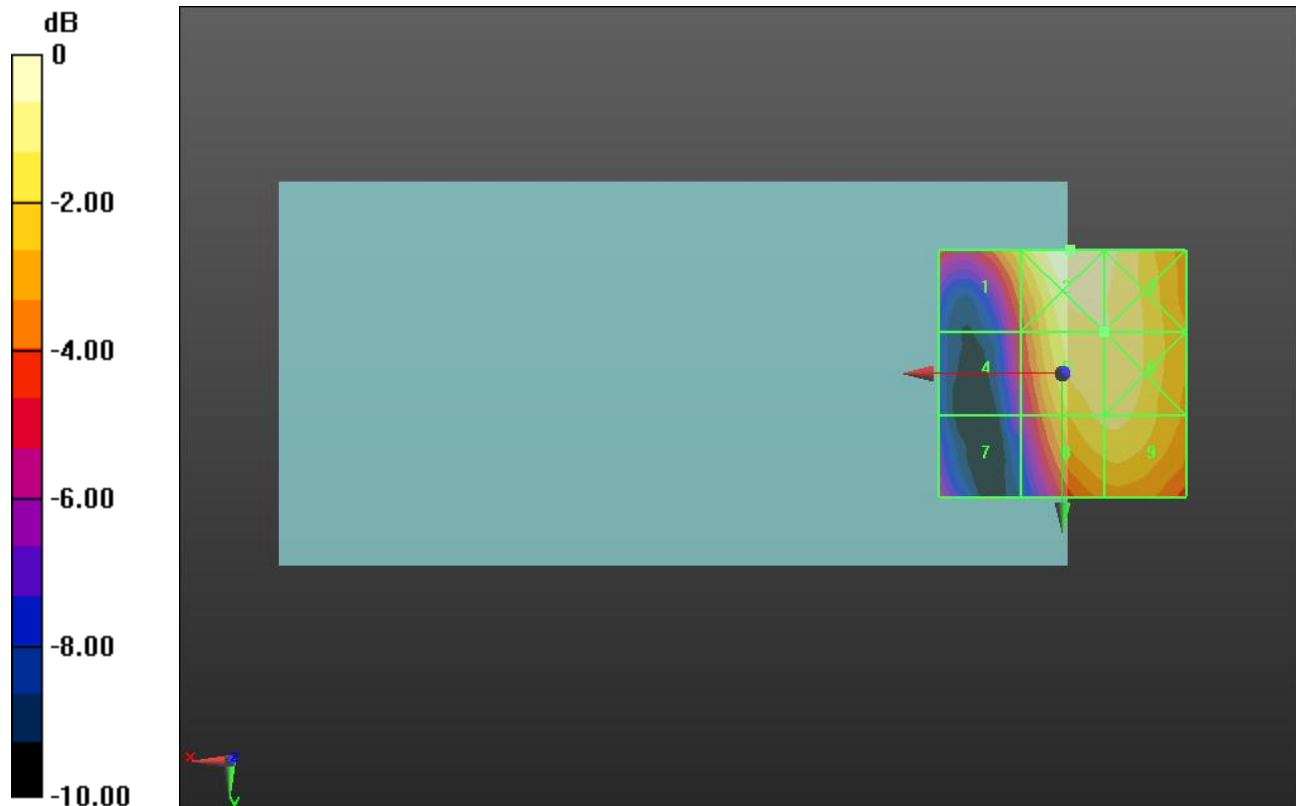
Applied MIF = 0.12 dB

RF audio interference level = 22.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.53 dBV/m	Grid 2 M4 23.49 dBV/m	Grid 3 M4 23.11 dBV/m
Grid 4 M4 18.97 dBV/m	Grid 5 M4 22.81 dBV/m	Grid 6 M4 22.81 dBV/m
Grid 7 M4 18.06 dBV/m	Grid 8 M4 22.32 dBV/m	Grid 9 M4 22.37 dBV/m



0 dB = 14.94 V/m = 23.49 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.82 V/m; Power Drift = -0.09 dB

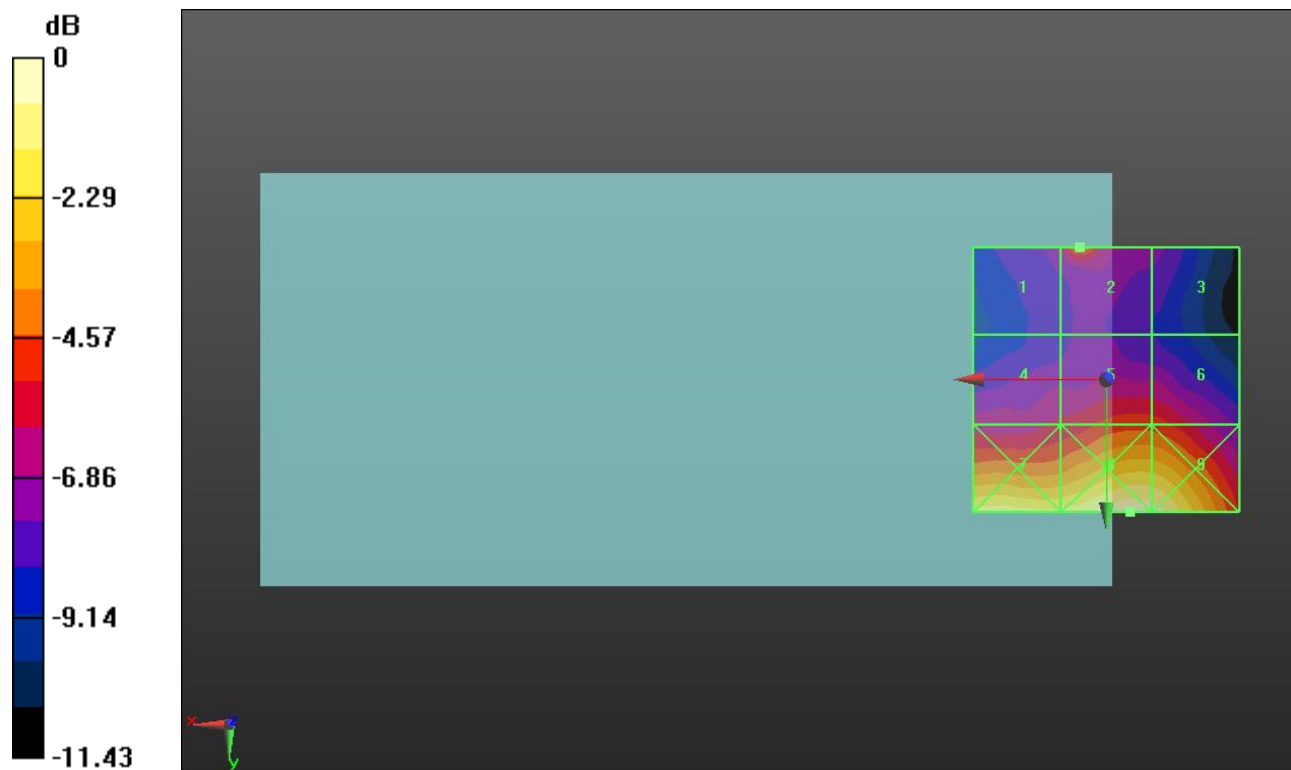
Applied MIF = 3.63 dB

RF audio interference level = 27.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.85 dBV/m	Grid 2 M4 27.7 dBV/m	Grid 3 M4 24.28 dBV/m
Grid 4 M4 25.59 dBV/m	Grid 5 M4 26.63 dBV/m	Grid 6 M4 26.59 dBV/m
Grid 7 M3 30.47 dBV/m	Grid 8 M3 31.46 dBV/m	Grid 9 M3 31.19 dBV/m



0 dB = 37.42 V/m = 31.46 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 = 18.28 V/m; Power Drift = -0.10 dB

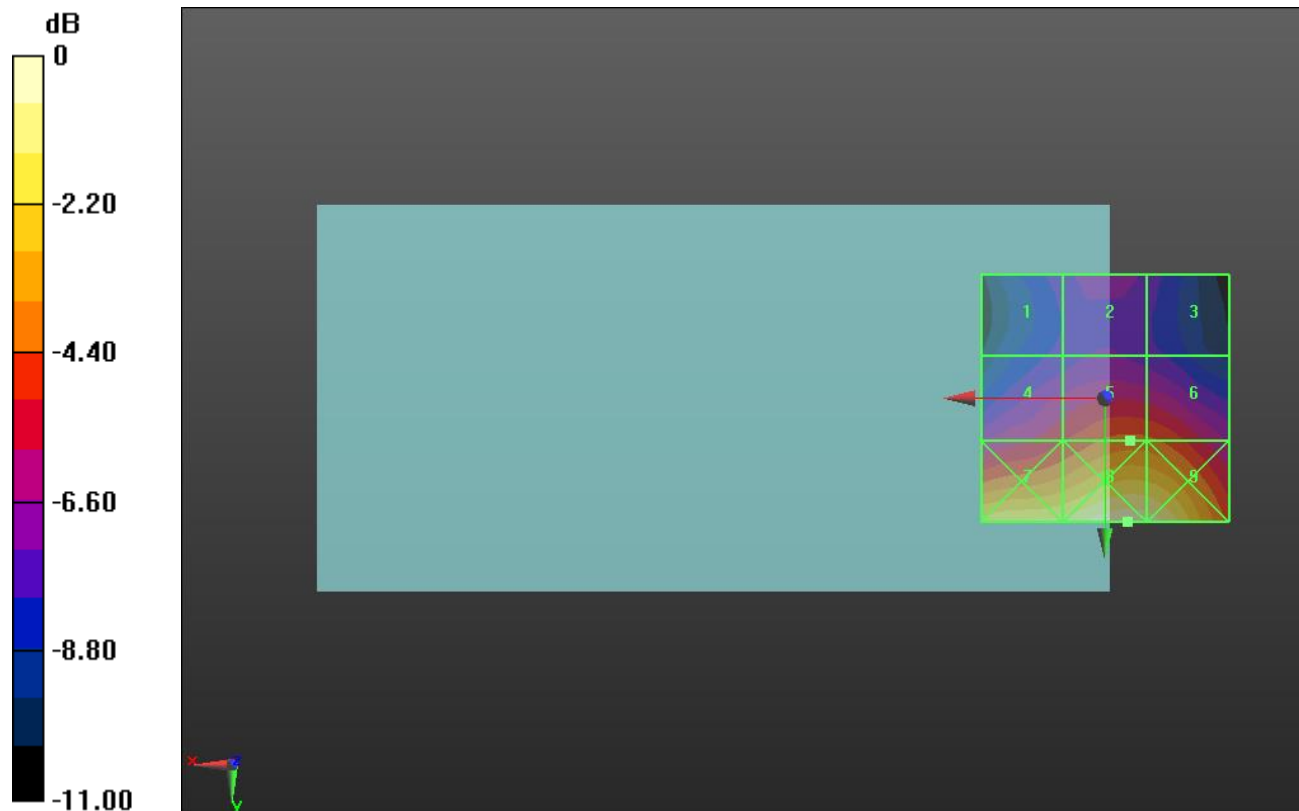
Applied MIF = 3.63 dB

RF audio interference level = 28.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.83 dBV/m	Grid 2 M4 25.47 dBV/m	Grid 3 M4 24.85 dBV/m
Grid 4 M4 27.22 dBV/m	Grid 5 M4 28.3 dBV/m	Grid 6 M4 28.22 dBV/m
Grid 7 M3 31.31 dBV/m	Grid 8 M3 32.4 dBV/m	Grid 9 M3 32.17 dBV/m



0 dB = 41.68 V/m = 32.40 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 = 20.02 V/m; Power Drift = -0.04 dB

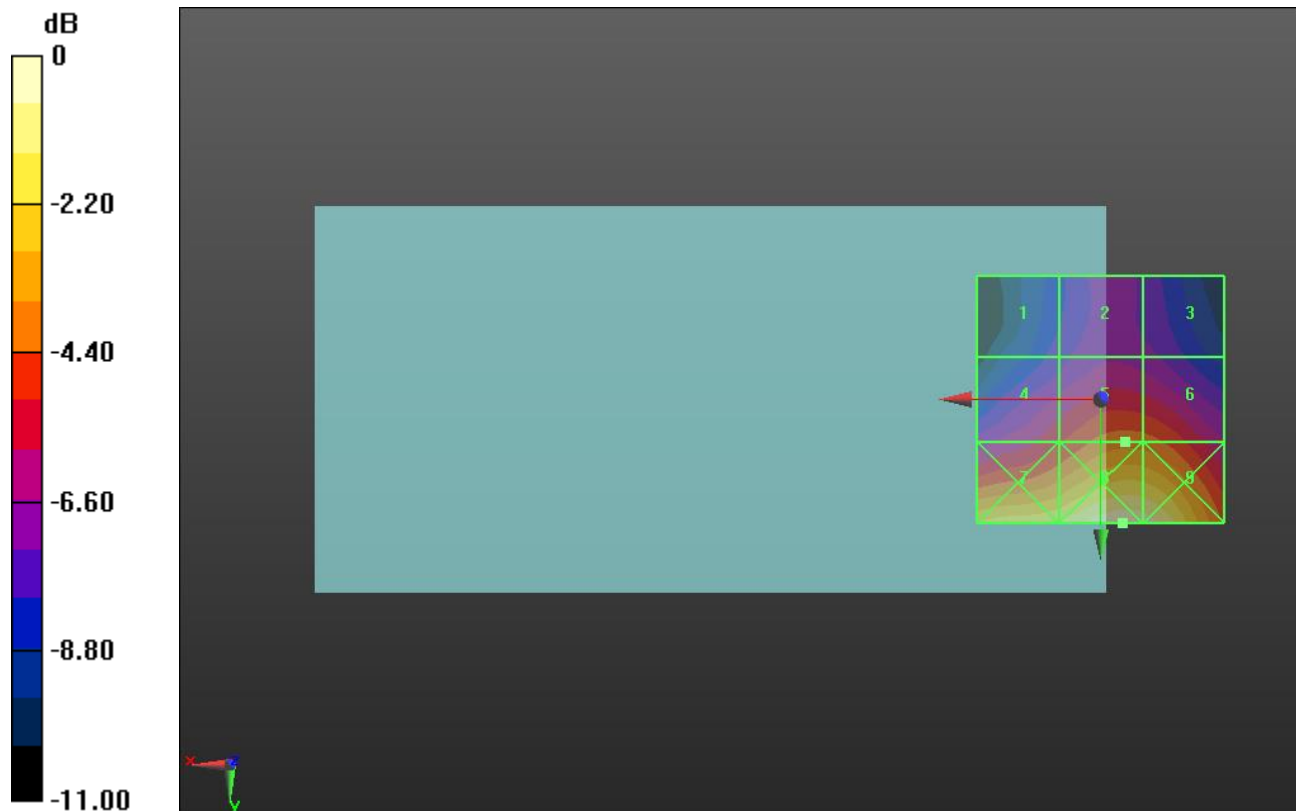
Applied MIF = 3.63 dB

RF audio interference level = 28.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.34 dBV/m	Grid 2 M4 26.26 dBV/m	Grid 3 M4 25.97 dBV/m
Grid 4 M4 27.71 dBV/m	Grid 5 M4 28.98 dBV/m	Grid 6 M4 28.89 dBV/m
Grid 7 M3 31.65 dBV/m	Grid 8 M3 32.92 dBV/m	Grid 9 M3 32.69 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 20.63 V/m; Power Drift = -0.02 dB

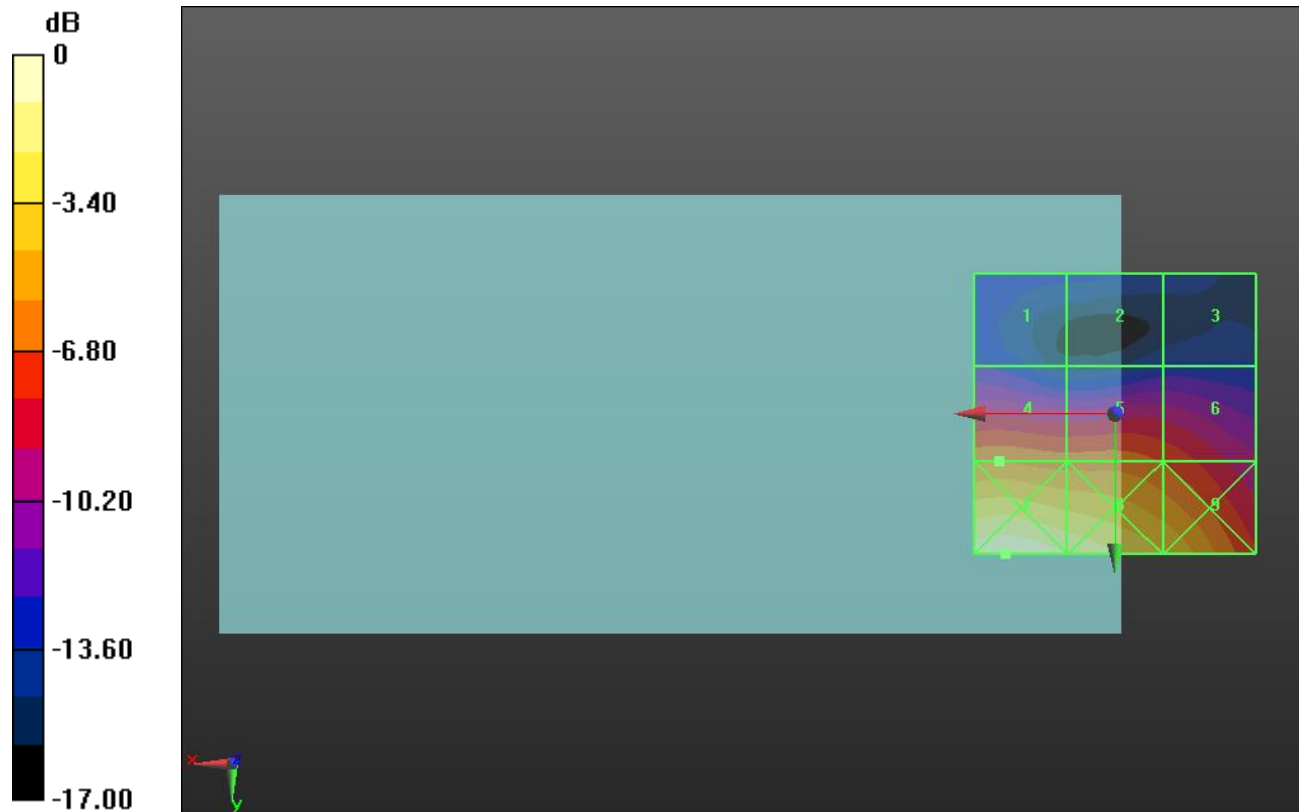
Applied MIF = -1.44 dB

RF audio interference level = 25.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.24 dBV/m	Grid 2 M4 18.4 dBV/m	Grid 3 M4 18.26 dBV/m
Grid 4 M4 25.83 dBV/m	Grid 5 M4 25.34 dBV/m	Grid 6 M4 24.58 dBV/m
Grid 7 M3 31.48 dBV/m	Grid 8 M3 30.44 dBV/m	Grid 9 M4 28.29 dBV/m



0 dB = 37.50 V/m = 31.48 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 = 20.96 V/m; Power Drift = -0.03 dB

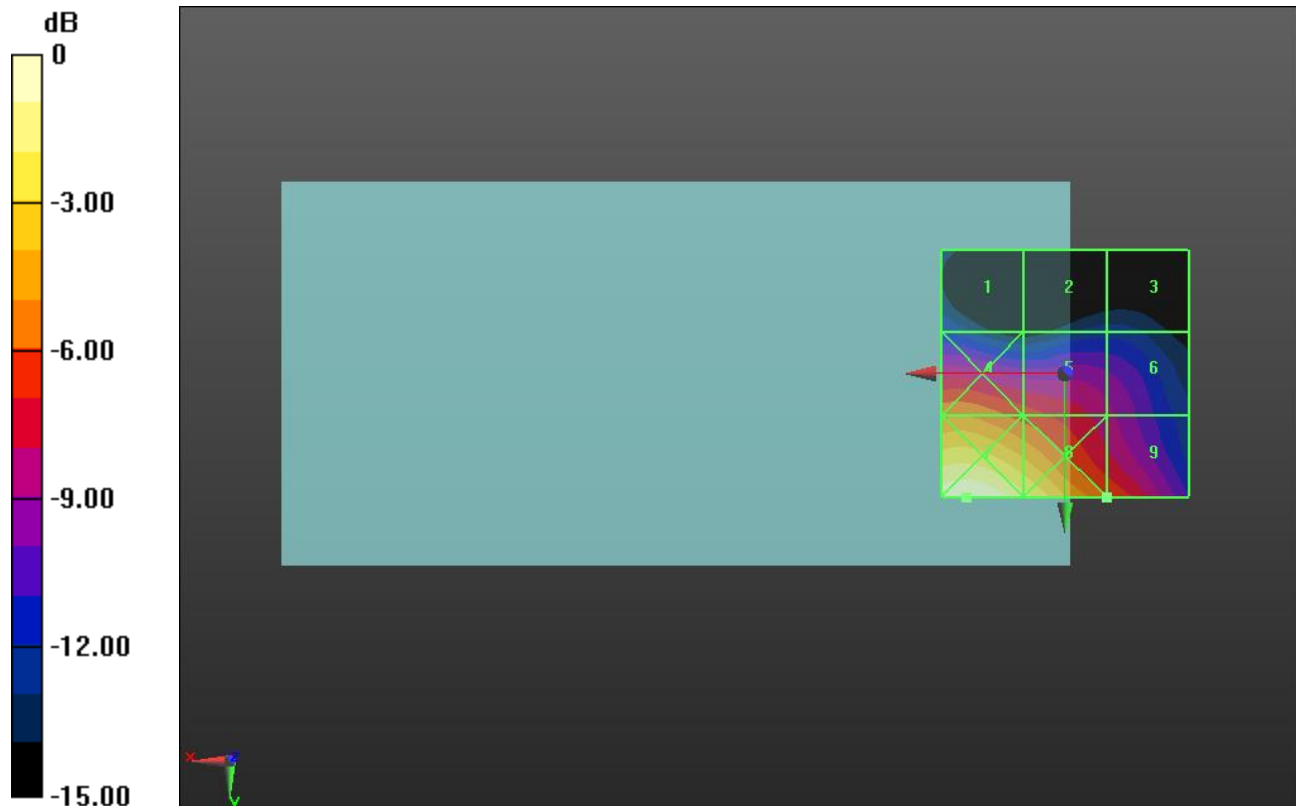
Applied MIF = -1.44 dB

RF audio interference level = 25.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.67 dBV/m	Grid 2 M4 19.08 dBV/m	Grid 3 M4 19.08 dBV/m
Grid 4 M4 26.48 dBV/m	Grid 5 M4 25.09 dBV/m	Grid 6 M4 22.84 dBV/m
Grid 7 M3 31.48 dBV/m	Grid 8 M4 29.9 dBV/m	Grid 9 M4 25.71 dBV/m



0 dB = 37.49 V/m = 31.48 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 = 15.17 V/m; Power Drift = -0.10 dB

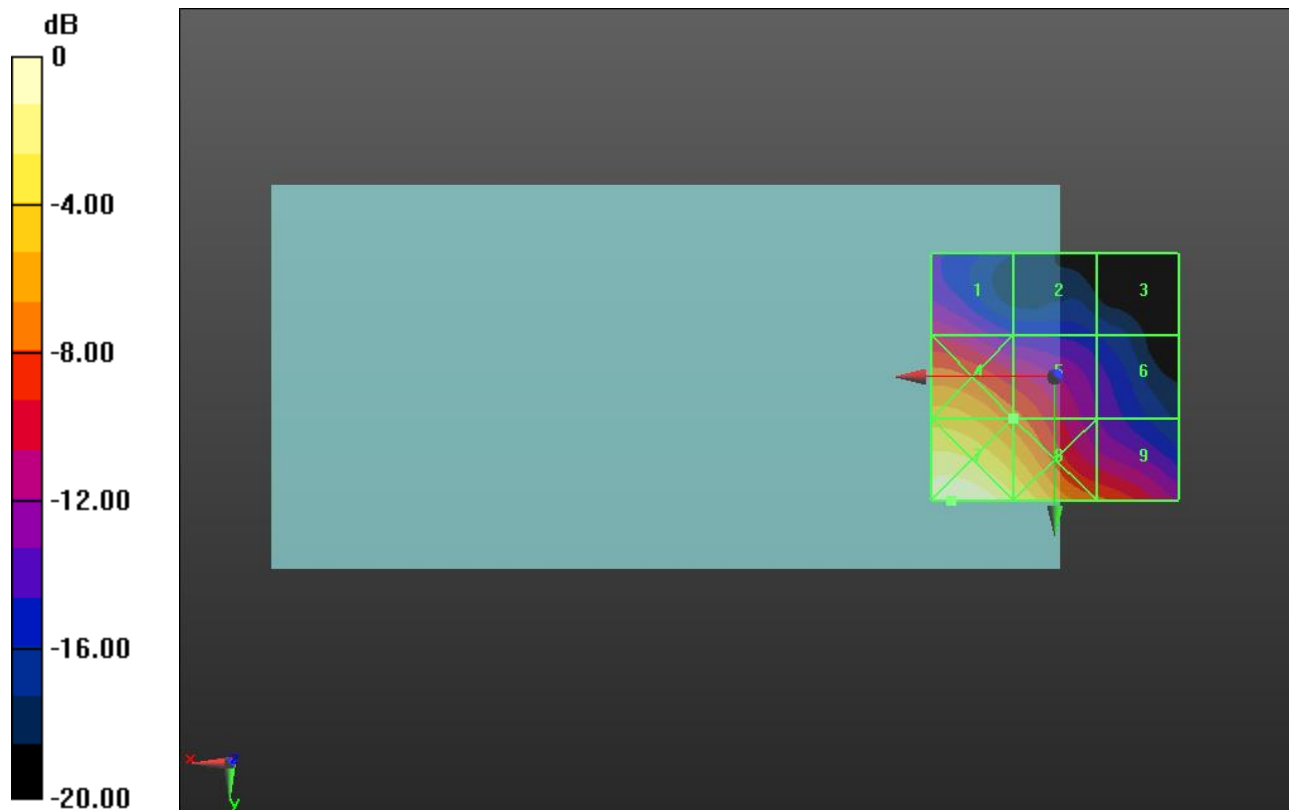
Applied MIF = -1.44 dB

RF audio interference level = 24.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.97 dBV/m	Grid 2 M4 17.31 dBV/m	Grid 3 M4 15.62 dBV/m
Grid 4 M4 27.11 dBV/m	Grid 5 M4 24.31 dBV/m	Grid 6 M4 18.48 dBV/m
Grid 7 M3 31.61 dBV/m	Grid 8 M4 29.41 dBV/m	Grid 9 M4 24.13 dBV/m



0 dB = 38.08 V/m = 31.61 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 = 11.60 V/m; Power Drift = 0.02 dB

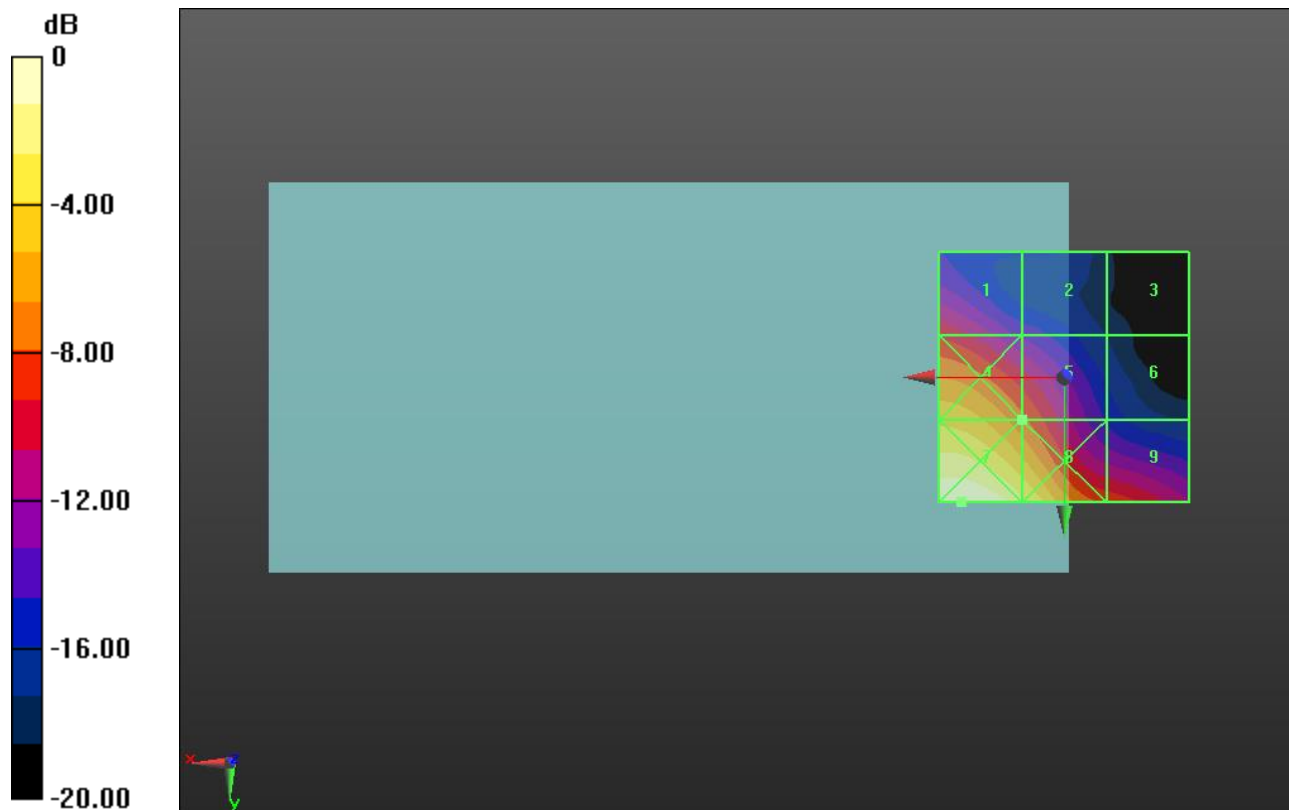
Applied MIF = -1.44 dB

RF audio interference level = 23.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.01 dBV/m	Grid 2 M4 17.95 dBV/m	Grid 3 M4 14.18 dBV/m
Grid 4 M4 27.21 dBV/m	Grid 5 M4 23.97 dBV/m	Grid 6 M4 16.74 dBV/m
Grid 7 M3 31.53 dBV/m	Grid 8 M4 29.32 dBV/m	Grid 9 M4 23.47 dBV/m



0 dB = 37.73 V/m = 31.53 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 = 14.56 V/m; Power Drift = 0.01 dB

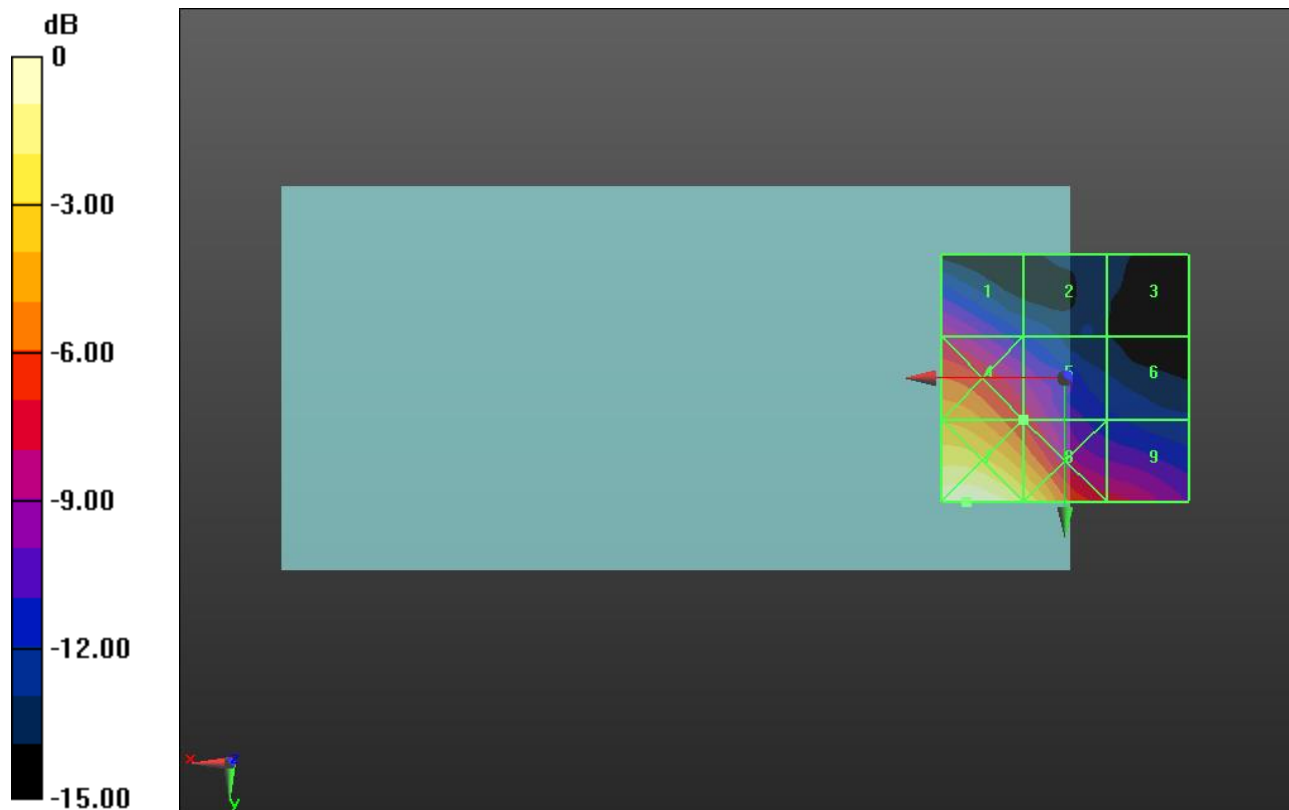
Applied MIF = -1.44 dB

RF audio interference level = 24.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.17 dBV/m	Grid 2 M4 19.73 dBV/m	Grid 3 M4 17.9 dBV/m
Grid 4 M4 27.27 dBV/m	Grid 5 M4 24.26 dBV/m	Grid 6 M4 19.82 dBV/m
Grid 7 M3 31.4 dBV/m	Grid 8 M4 29.45 dBV/m	Grid 9 M4 24.13 dBV/m



0 dB = 37.17 V/m = 31.40 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.52 V/m; Power Drift = 0.01 dB

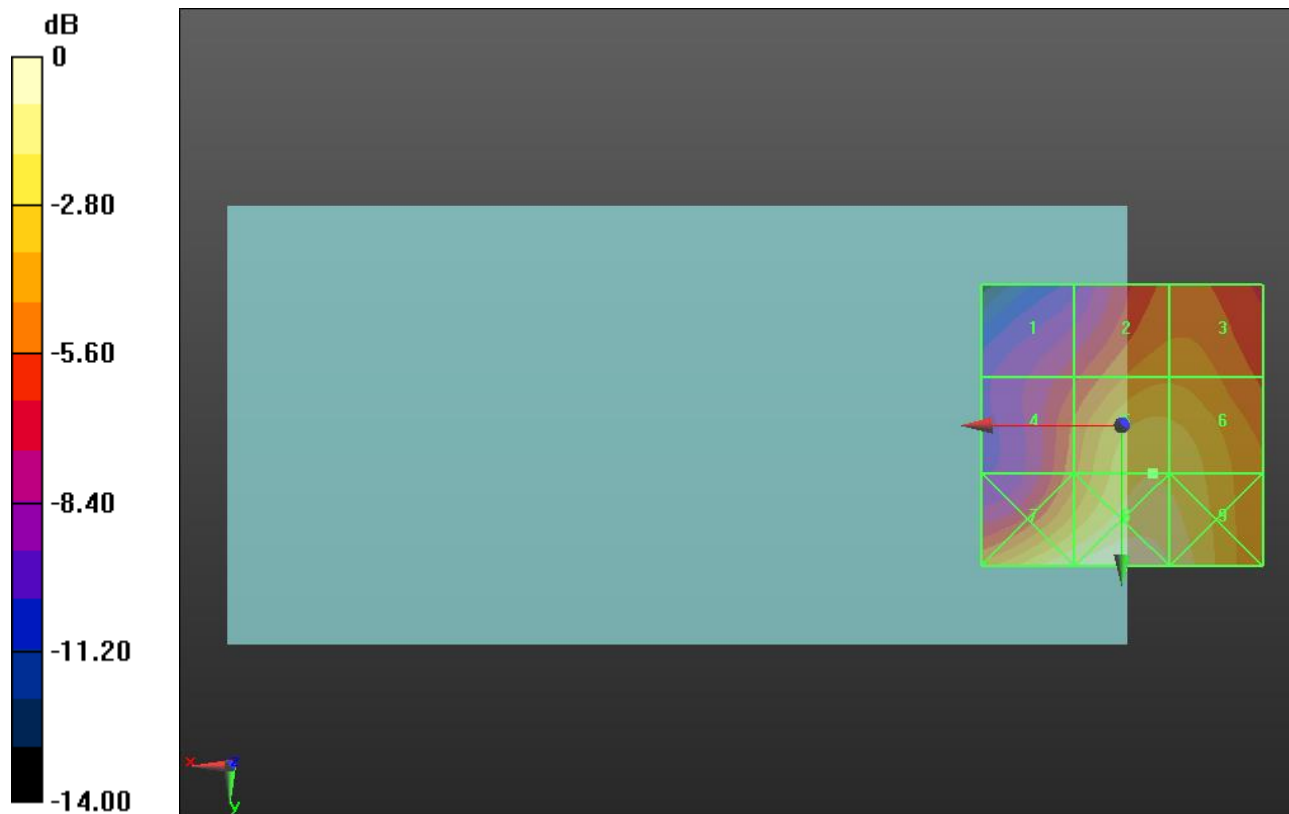
Applied MIF = -1.44 dB

RF audio interference level = 26.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.81 dBV/m	Grid 2 M4 24.68 dBV/m	Grid 3 M4 24.68 dBV/m
Grid 4 M4 23.65 dBV/m	Grid 5 M4 26.69 dBV/m	Grid 6 M4 26.54 dBV/m
Grid 7 M4 27.82 dBV/m	Grid 8 M4 28.56 dBV/m	Grid 9 M4 27.69 dBV/m



0 dB = 26.78 V/m = 28.56 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 = 34.98 V/m; Power Drift = -0.02 dB

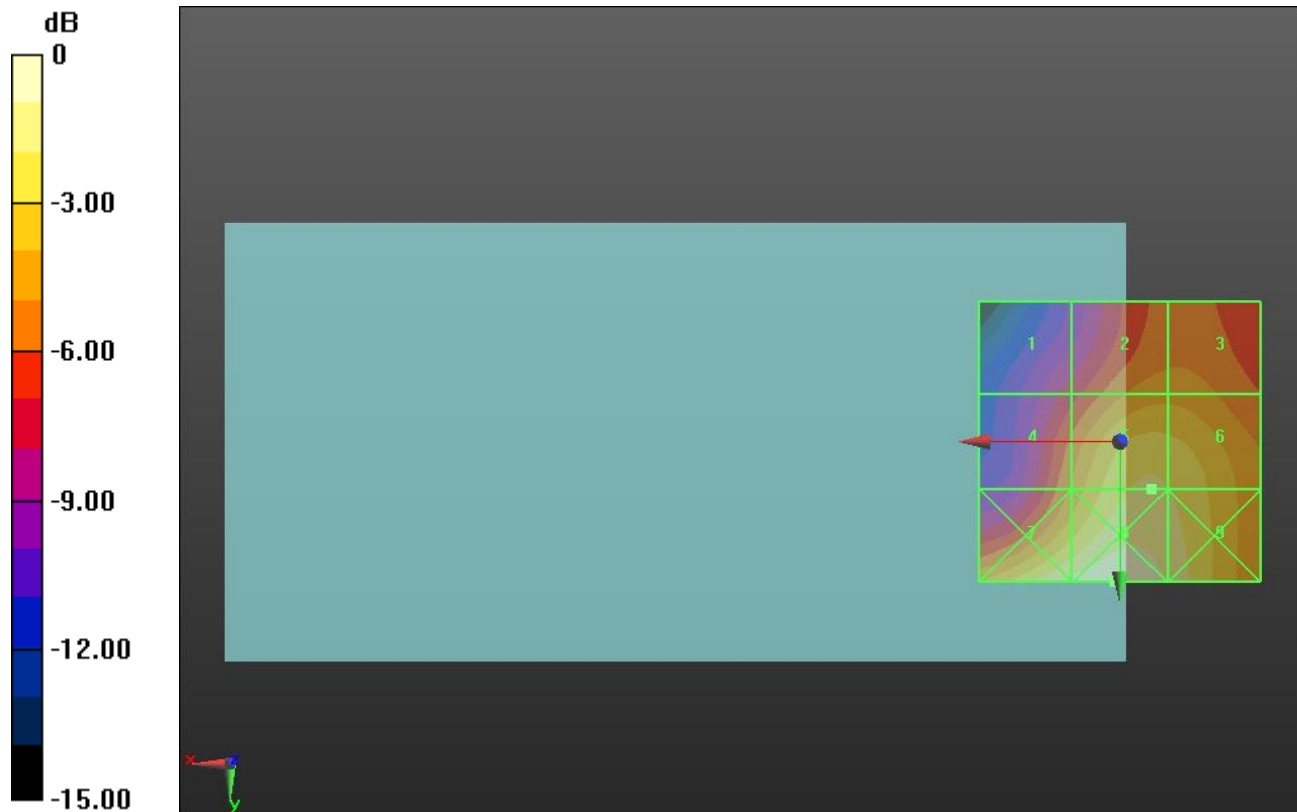
Applied MIF = -1.44 dB

RF audio interference level = 27.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.33 dBV/m	Grid 2 M4 25.36 dBV/m	Grid 3 M4 25.36 dBV/m
Grid 4 M4 24.96 dBV/m	Grid 5 M4 27.86 dBV/m	Grid 6 M4 27.7 dBV/m
Grid 7 M4 29.04 dBV/m	Grid 8 M4 29.69 dBV/m	Grid 9 M4 28.57 dBV/m



0 dB = 30.51 V/m = 29.69 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.50 V/m; Power Drift = -0.02 dB

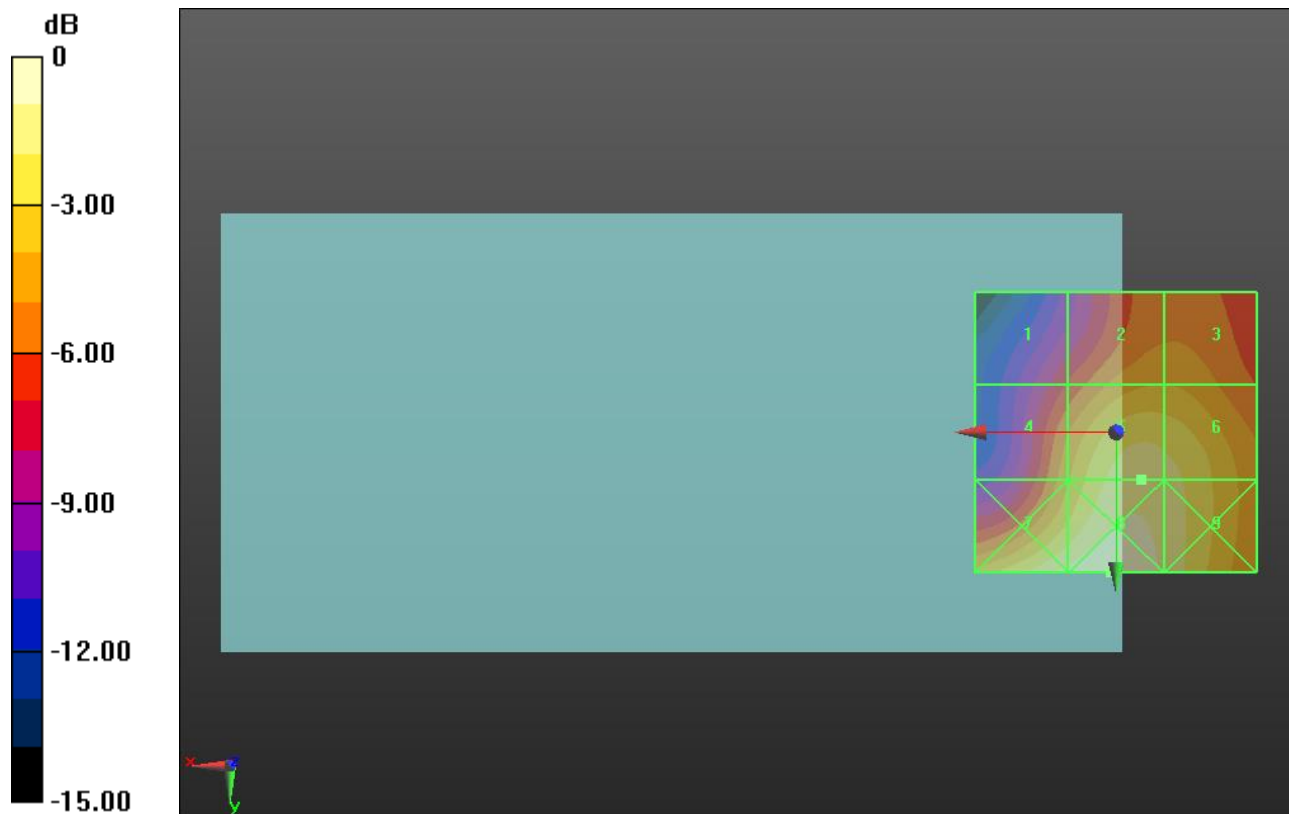
Applied MIF = -1.44 dB

RF audio interference level = 28.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 25.91 dBV/m	Grid 3 M4 25.91 dBV/m
Grid 4 M4 25.81 dBV/m	Grid 5 M4 28.52 dBV/m	Grid 6 M4 28.3 dBV/m
Grid 7 M4 29.3 dBV/m	Grid 8 M4 29.89 dBV/m	Grid 9 M4 28.73 dBV/m



0 dB = 31.22 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: 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 = 42.28 V/m; Power Drift = -0.04 dB

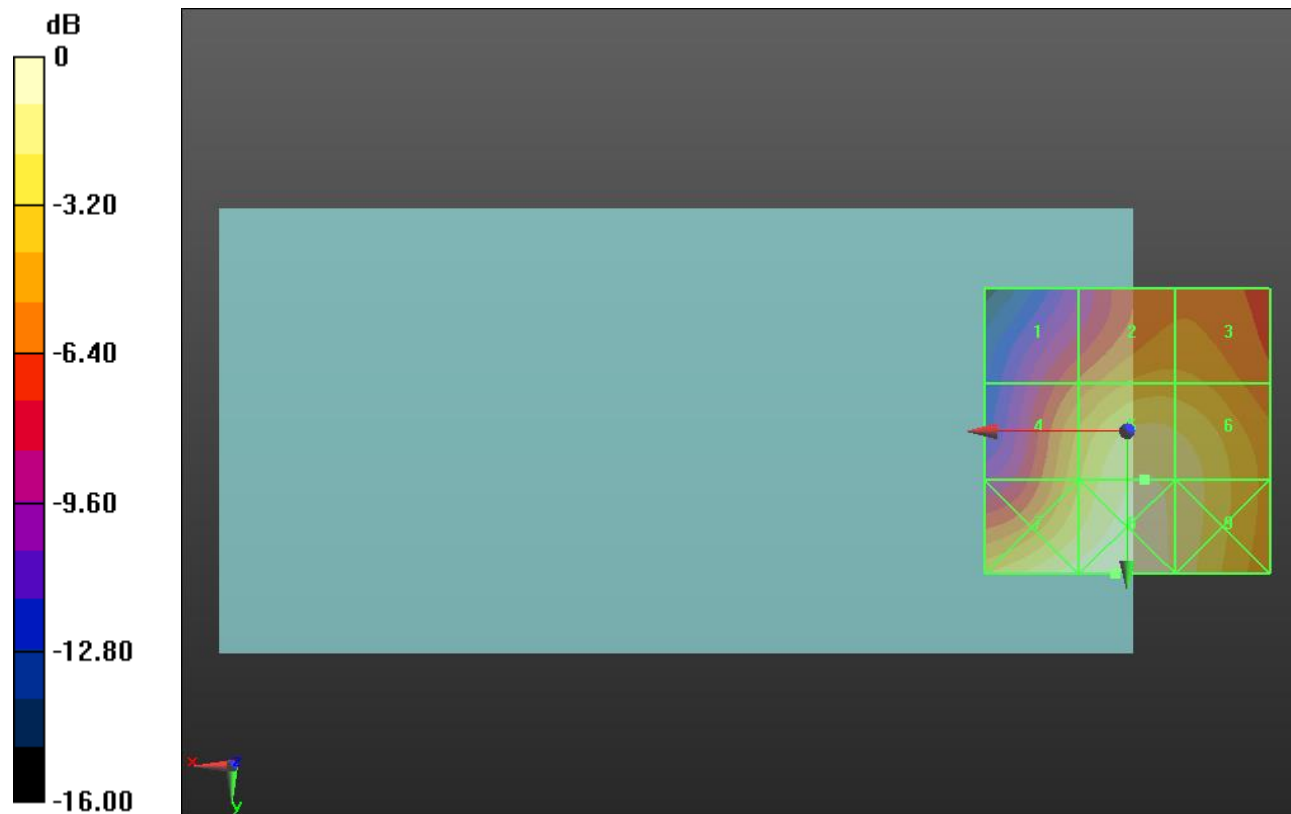
Applied MIF = -1.44 dB

RF audio interference level = 29.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.25 dBV/m	Grid 2 M4 26.69 dBV/m	Grid 3 M4 26.64 dBV/m
Grid 4 M4 27.13 dBV/m	Grid 5 M4 29.44 dBV/m	Grid 6 M4 29.08 dBV/m
Grid 7 M3 30.02 dBV/m	Grid 8 M3 30.45 dBV/m	Grid 9 M4 29.18 dBV/m



0 dB = 33.29 V/m = 30.45 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 = 32.69 V/m; Power Drift = 0.10 dB

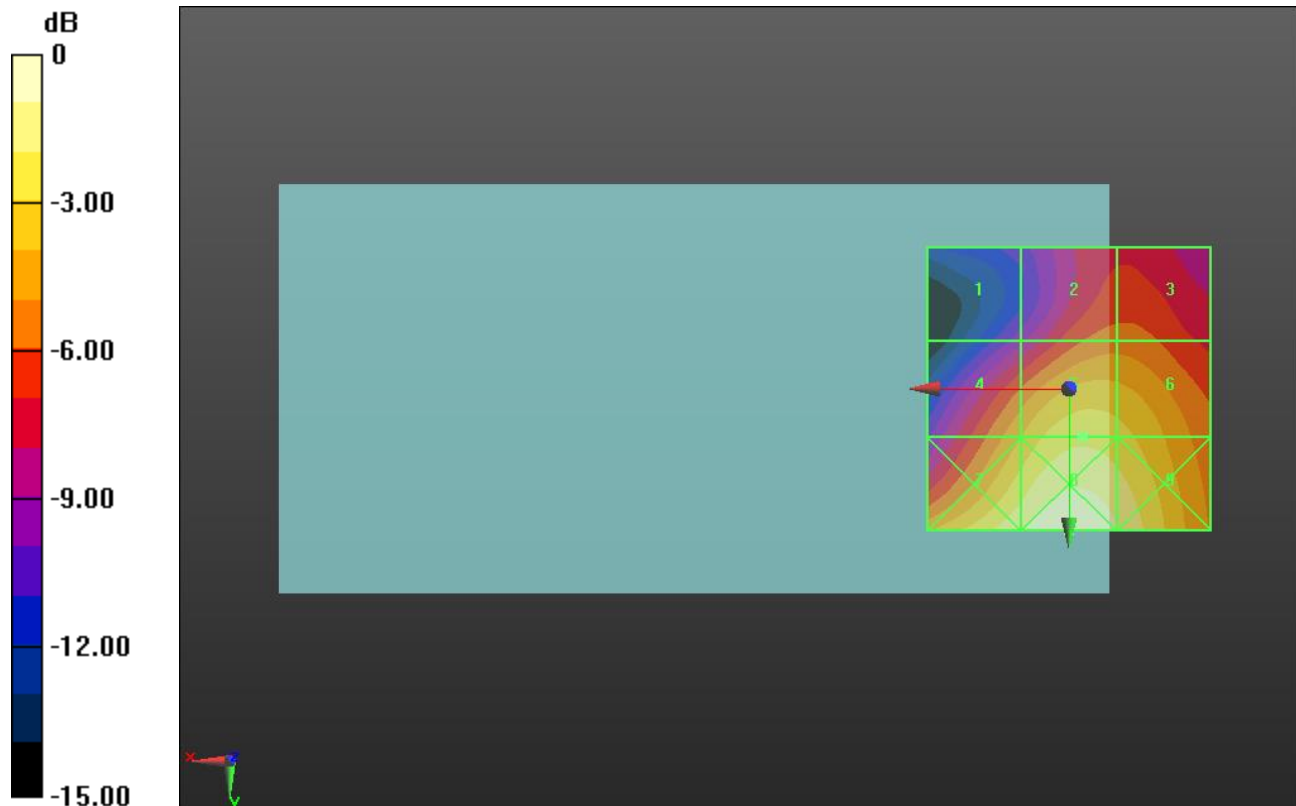
Applied MIF = -2.02 dB

RF audio interference level = 27.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.11 dBV/m	Grid 2 M4 23.93 dBV/m	Grid 3 M4 23.94 dBV/m
Grid 4 M4 25.39 dBV/m	Grid 5 M4 27.17 dBV/m	Grid 6 M4 26.8 dBV/m
Grid 7 M4 28.37 dBV/m	Grid 8 M4 29.4 dBV/m	Grid 9 M4 28.47 dBV/m



0 dB = 29.50 V/m = 29.40 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 = 40.92 V/m; Power Drift = -0.04 dB

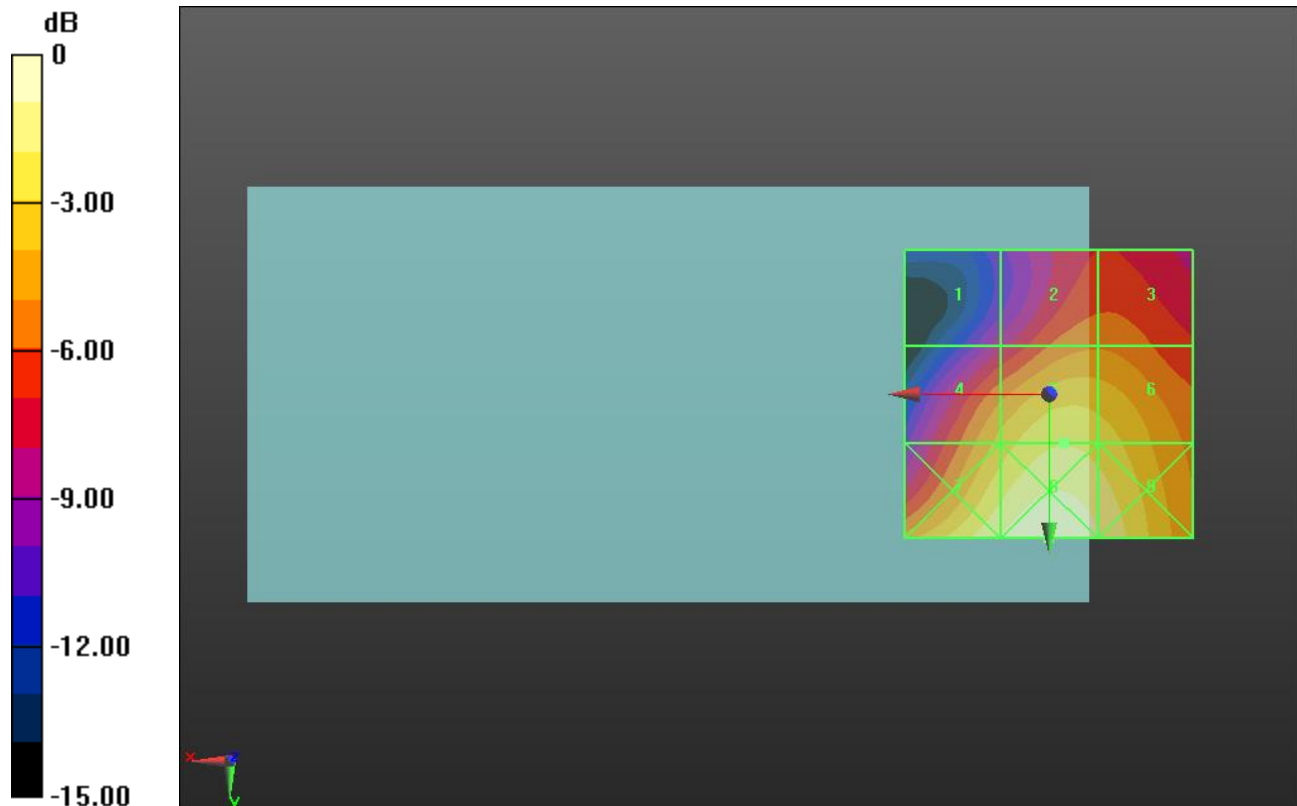
Applied MIF = -2.02 dB

RF audio interference level = 28.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.65 dBV/m	Grid 2 M4 25.85 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 27.34 dBV/m	Grid 5 M4 28.92 dBV/m	Grid 6 M4 28.55 dBV/m
Grid 7 M3 30.06 dBV/m	Grid 8 M3 30.96 dBV/m	Grid 9 M3 30.07 dBV/m



0 dB = 35.32 V/m = 30.96 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 = 42.41 V/m; Power Drift = 0.05 dB

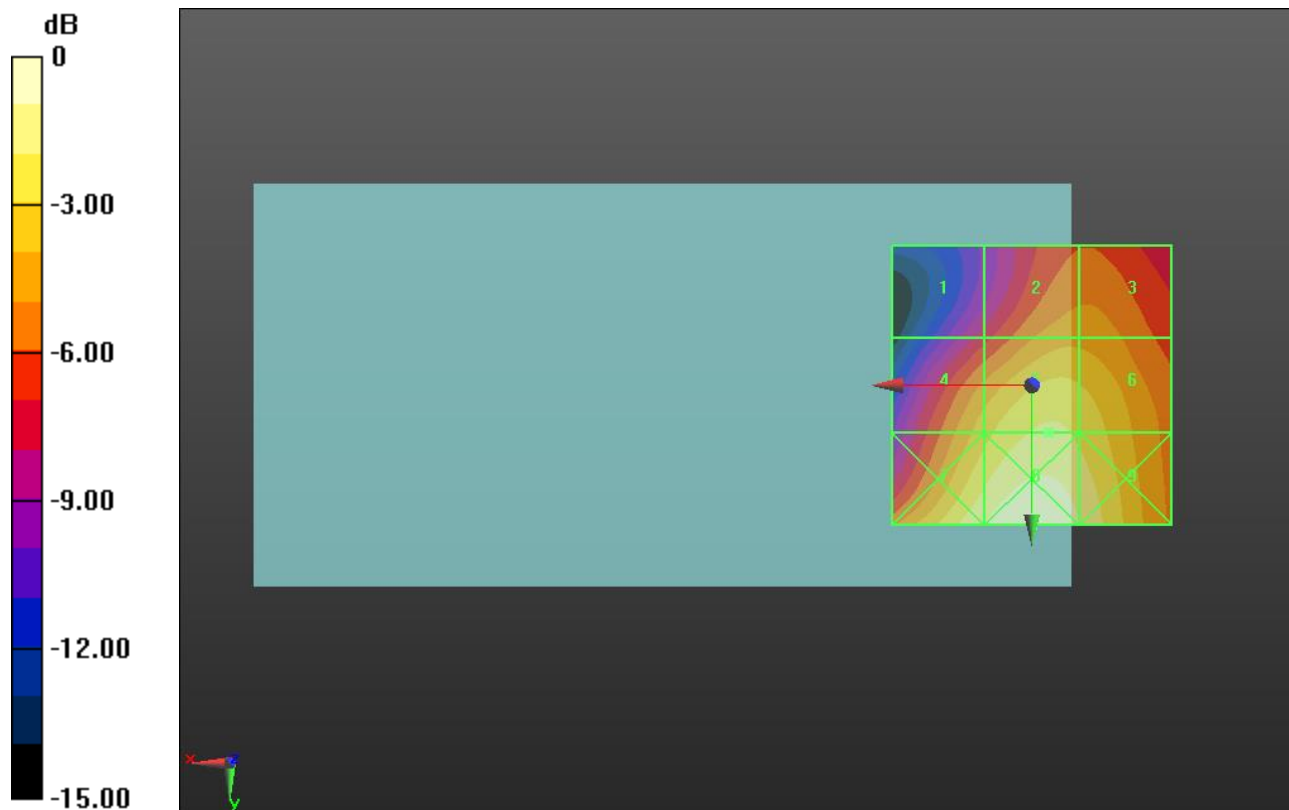
Applied MIF = -2.02 dB

RF audio interference level = 28.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.35 dBV/m	Grid 2 M4 26.49 dBV/m	Grid 3 M4 26.49 dBV/m
Grid 4 M4 27.39 dBV/m	Grid 5 M4 28.95 dBV/m	Grid 6 M4 28.55 dBV/m
Grid 7 M4 29.84 dBV/m	Grid 8 M3 30.75 dBV/m	Grid 9 M4 29.81 dBV/m



0 dB = 34.47 V/m = 30.75 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 = 31.59 V/m; Power Drift = 0.09 dB

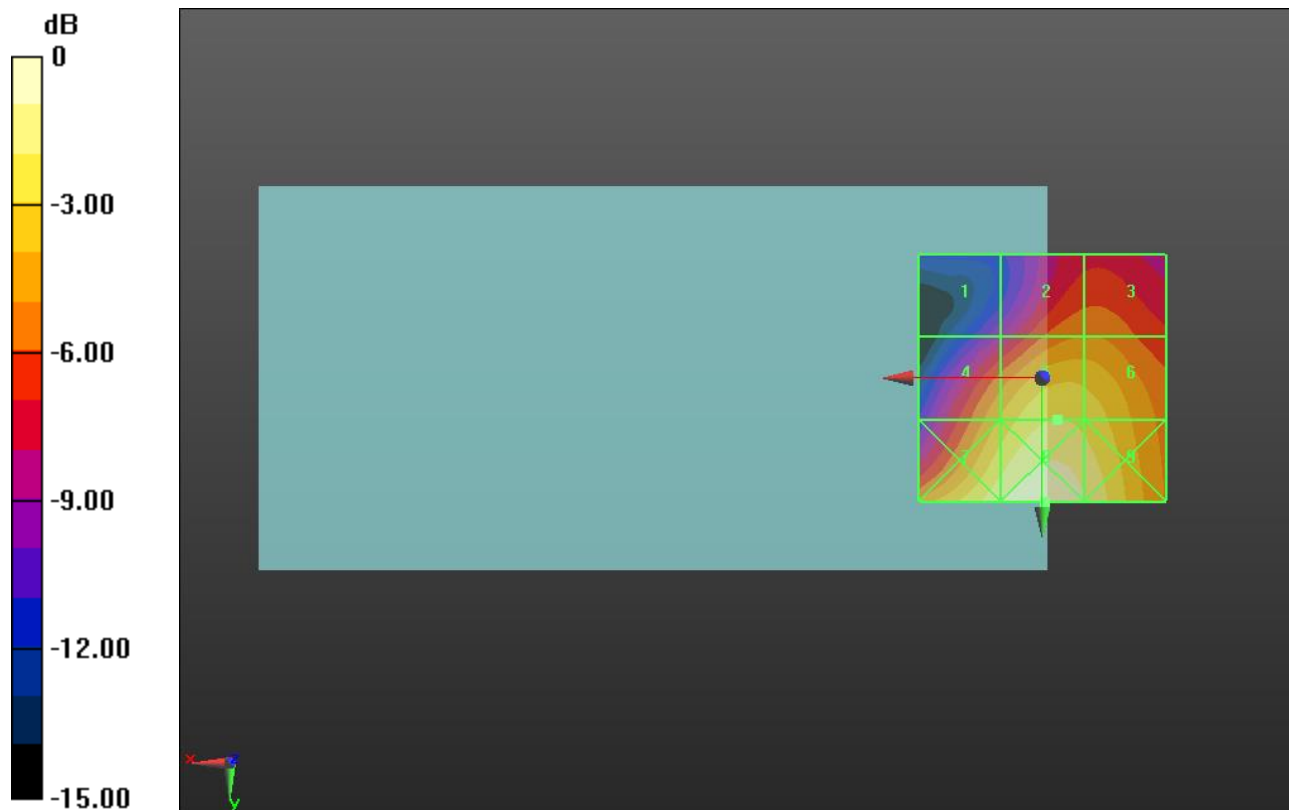
Applied MIF = 0.12 dB

RF audio interference level = 28.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.84 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.83 dBV/m
Grid 4 M4 26.93 dBV/m	Grid 5 M4 28.8 dBV/m	Grid 6 M4 28.48 dBV/m
Grid 7 M4 29.68 dBV/m	Grid 8 M3 30.76 dBV/m	Grid 9 M4 29.86 dBV/m



0 dB = 34.51 V/m = 30.76 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 = 36.21 V/m; Power Drift = 0.02 dB

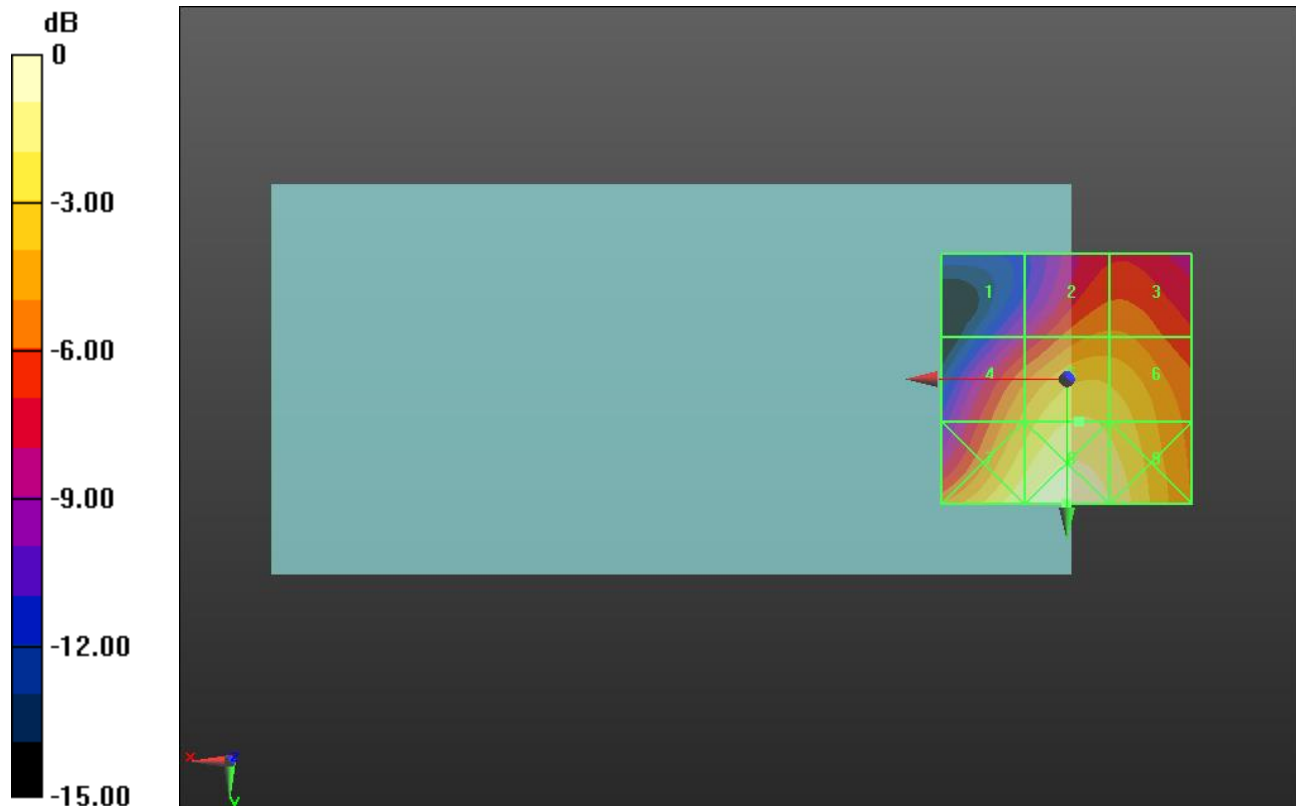
Applied MIF = 0.12 dB

RF audio interference level = 29.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.46 dBV/m	Grid 2 M4 27.04 dBV/m	Grid 3 M4 27.04 dBV/m
Grid 4 M4 28.16 dBV/m	Grid 5 M4 29.91 dBV/m	Grid 6 M4 29.54 dBV/m
Grid 7 M3 30.81 dBV/m	Grid 8 M3 31.78 dBV/m	Grid 9 M3 30.83 dBV/m



0 dB = 38.80 V/m = 31.78 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 = 32.52 V/m; Power Drift = -0.11 dB

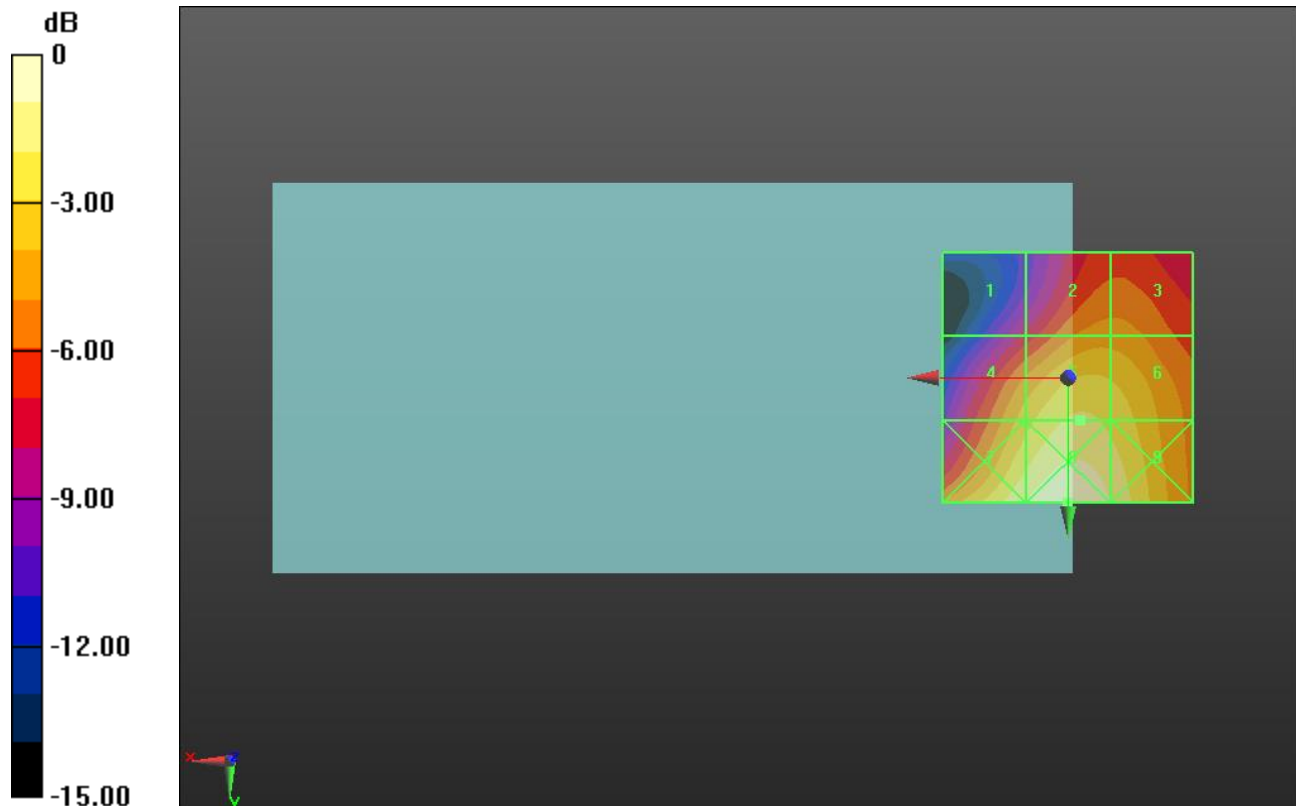
Applied MIF = 0.12 dB

RF audio interference level = 28.72 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.88 dBV/m	Grid 2 M4 26.1 dBV/m	Grid 3 M4 26.1 dBV/m
Grid 4 M4 27.13 dBV/m	Grid 5 M4 28.72 dBV/m	Grid 6 M4 28.29 dBV/m
Grid 7 M4 29.6 dBV/m	Grid 8 M3 30.53 dBV/m	Grid 9 M4 29.53 dBV/m



0 dB = 33.63 V/m = 30.53 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 = 7.632 V/m; Power Drift = -0.24 dB

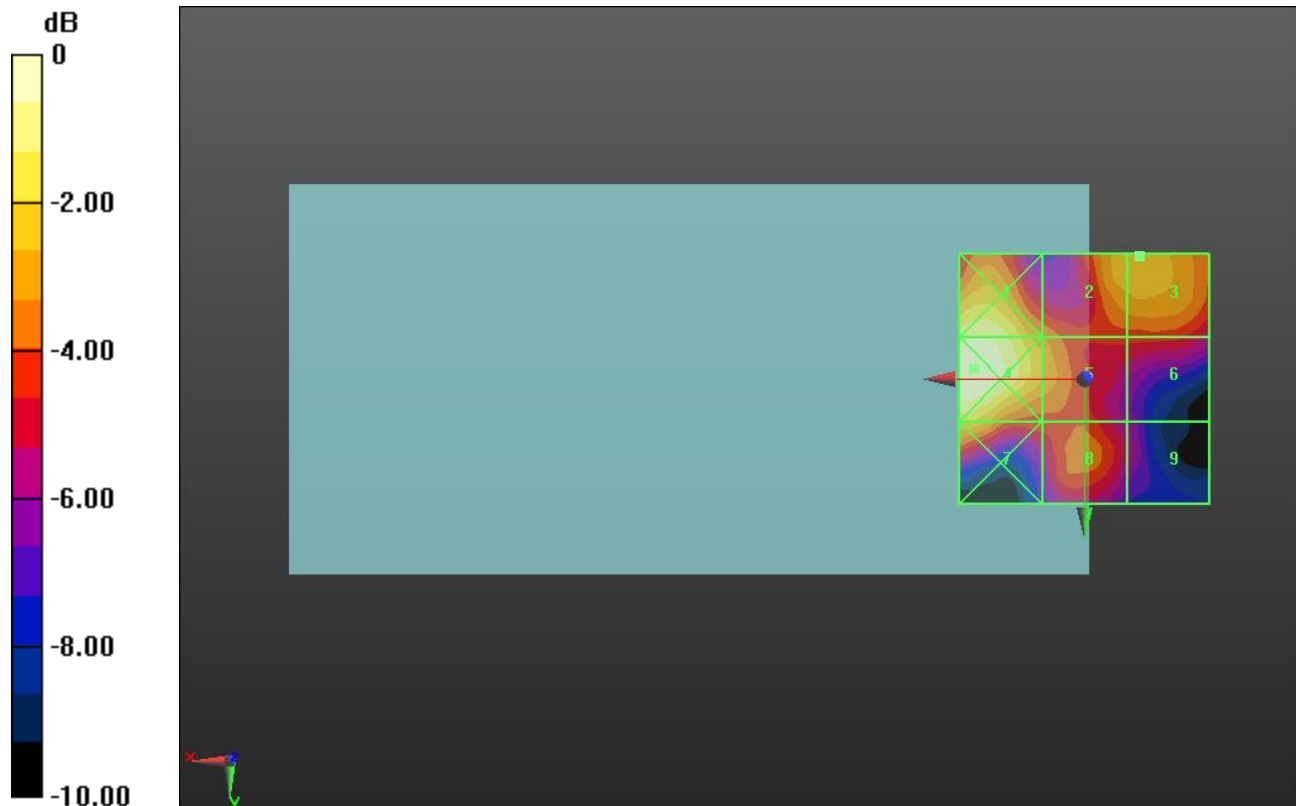
Applied MIF = -5.82 dB

RF audio interference level = 11.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.36 dBV/m	Grid 2 M4 11.77 dBV/m	Grid 3 M4 11.86 dBV/m
Grid 4 M4 13.99 dBV/m	Grid 5 M4 11.43 dBV/m	Grid 6 M4 9.69 dBV/m
Grid 7 M4 12.07 dBV/m	Grid 8 M4 10.67 dBV/m	Grid 9 M4 8.42 dBV/m



0 dB = 5.005 V/m = 13.99 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 = 7.924 V/m; Power Drift = -0.29 dB

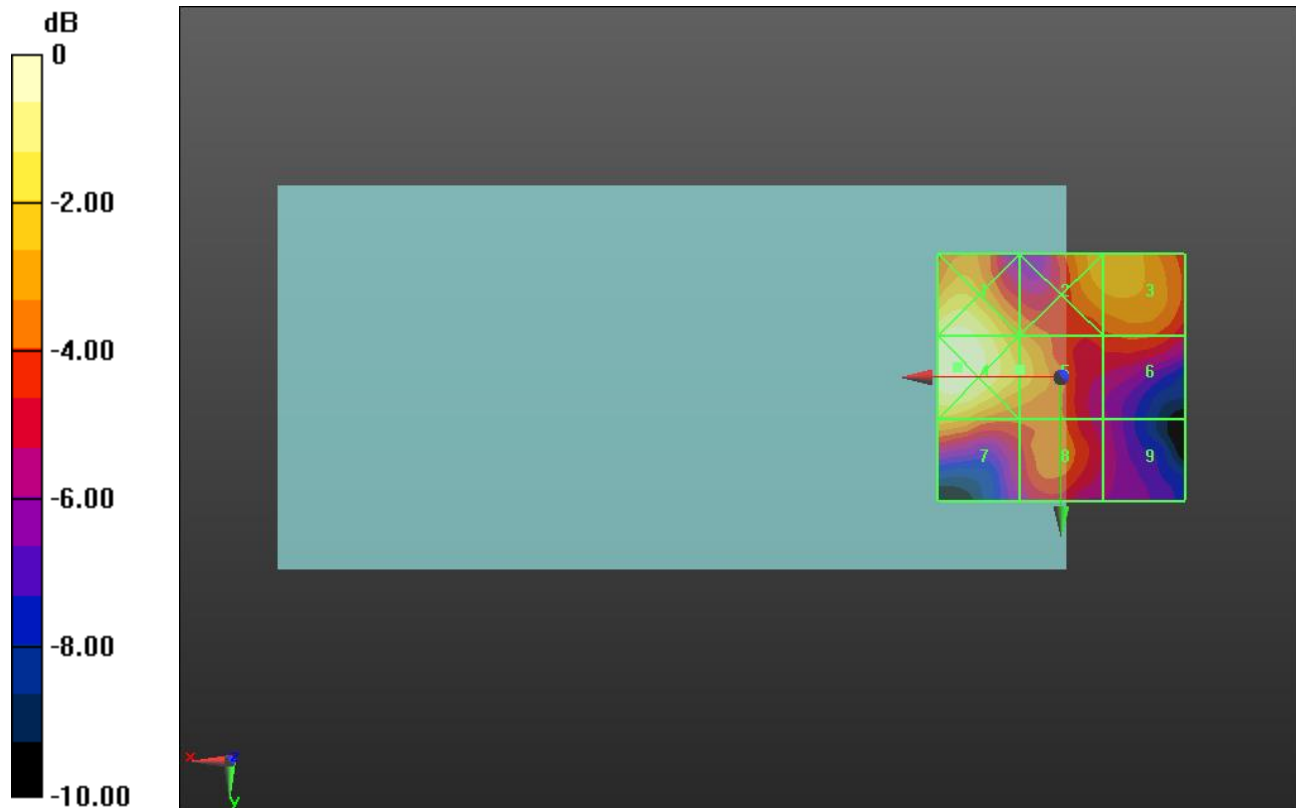
Applied MIF = -5.82 dB

RF audio interference level = 11.89 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.62 dBV/m	Grid 2 M4 11.8 dBV/m	Grid 3 M4 11.88 dBV/m
Grid 4 M4 14 dBV/m	Grid 5 M4 11.89 dBV/m	Grid 6 M4 10.18 dBV/m
Grid 7 M4 11.77 dBV/m	Grid 8 M4 10.58 dBV/m	Grid 9 M4 8.59 dBV/m



0 dB = 5.009 V/m = 14.00 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 = 8.291 V/m; Power Drift = 0.00 dB

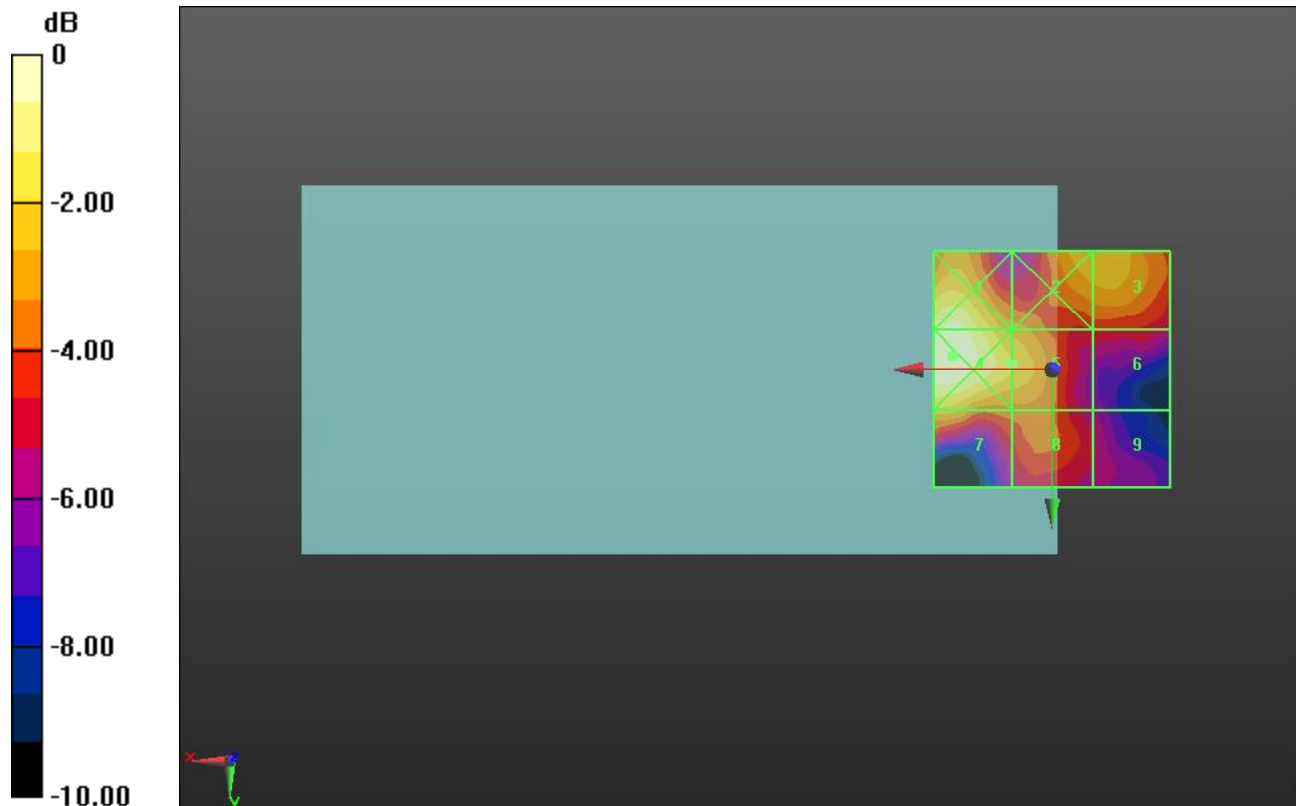
Applied MIF = -5.82 dB

RF audio interference level = 11.99 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.51 dBV/m	Grid 2 M4 11.73 dBV/m	Grid 3 M4 11.7 dBV/m
Grid 4 M4 13.91 dBV/m	Grid 5 M4 11.99 dBV/m	Grid 6 M4 9.39 dBV/m
Grid 7 M4 11.71 dBV/m	Grid 8 M4 10.36 dBV/m	Grid 9 M4 8.65 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: 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 = 8.034 V/m; Power Drift = -0.10 dB

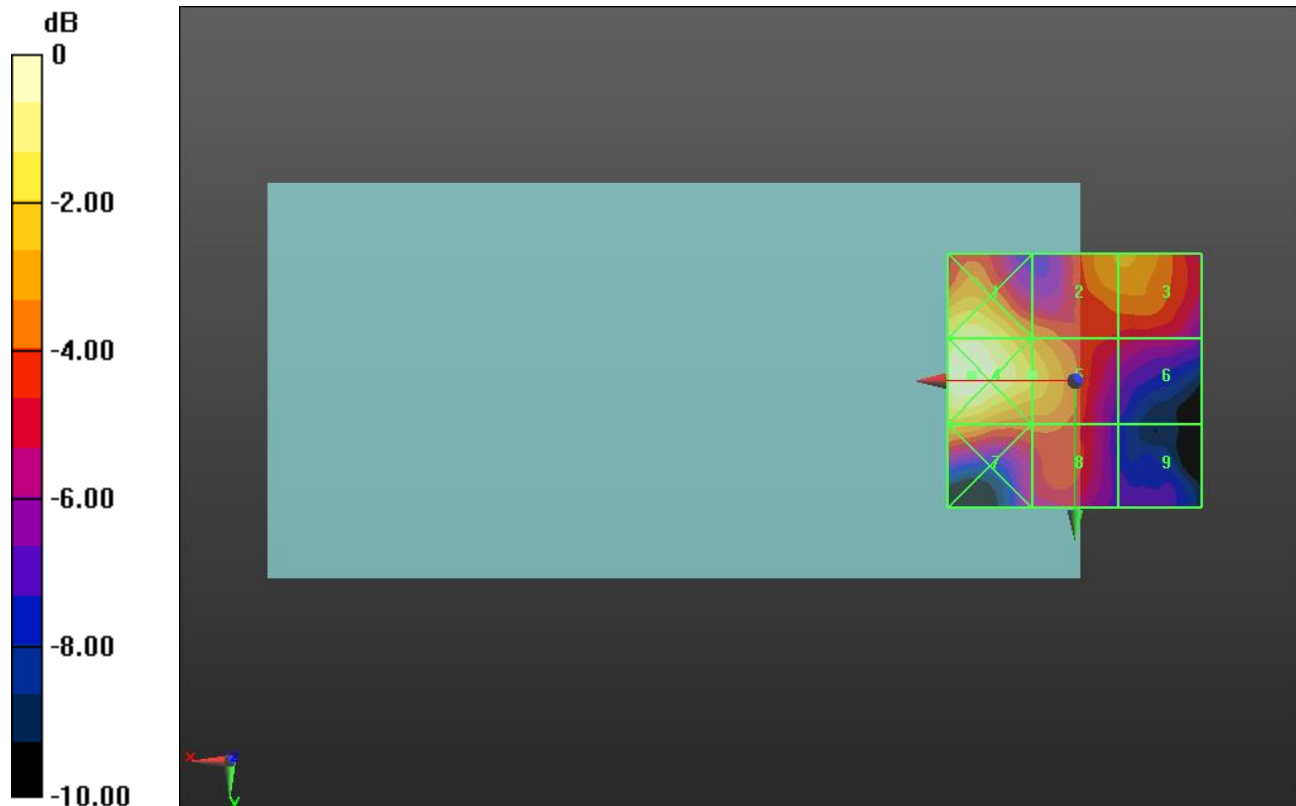
Applied MIF = -5.82 dB

RF audio interference level = 11.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.14 dBV/m	Grid 2 M4 11.29 dBV/m	Grid 3 M4 11.31 dBV/m
Grid 4 M4 13.89 dBV/m	Grid 5 M4 11.97 dBV/m	Grid 6 M4 9.02 dBV/m
Grid 7 M4 11.58 dBV/m	Grid 8 M4 10.21 dBV/m	Grid 9 M4 7.02 dBV/m



0 dB = 4.947 V/m = 13.89 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 = 8.810 V/m; Power Drift = -0.10 dB

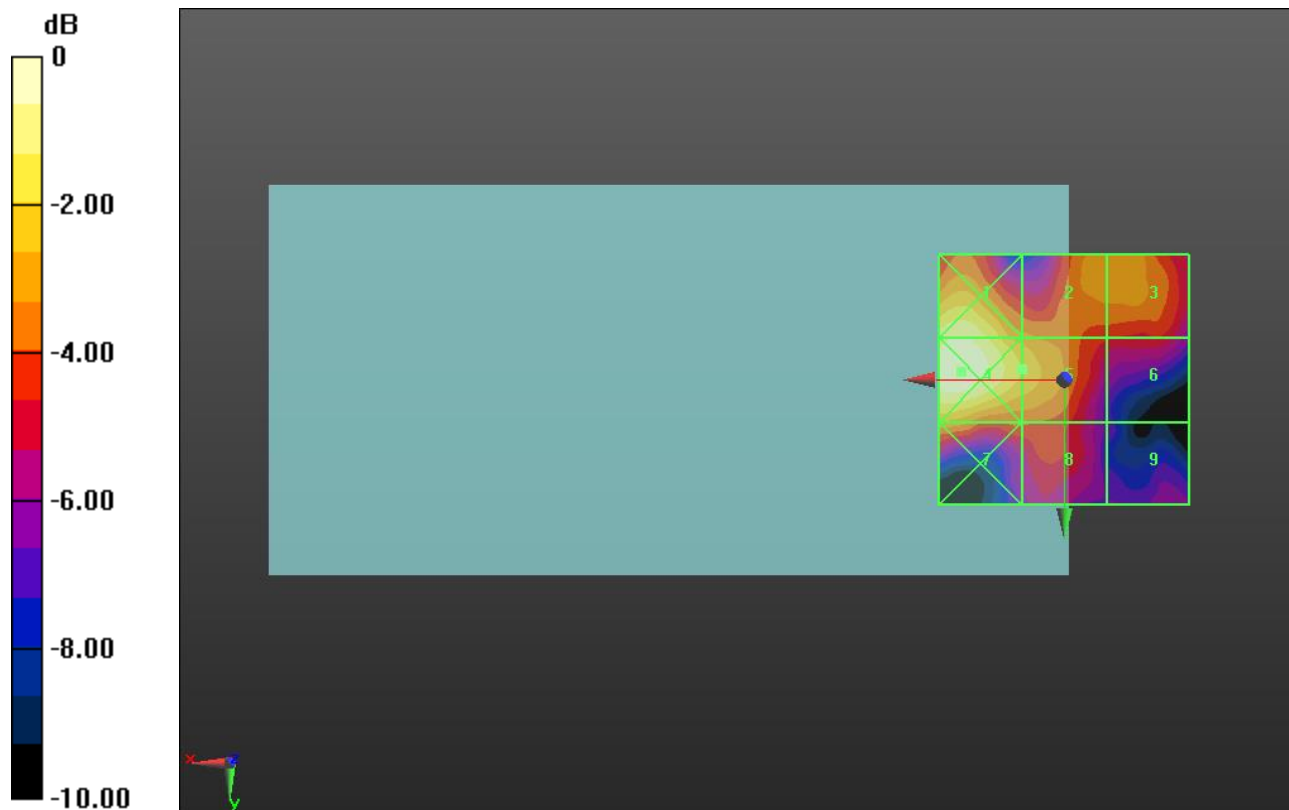
Applied MIF = -5.82 dB

RF audio interference level = 12.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.47 dBV/m	Grid 2 M4 11.32 dBV/m	Grid 3 M4 11.33 dBV/m
Grid 4 M4 14.09 dBV/m	Grid 5 M4 12.05 dBV/m	Grid 6 M4 9.59 dBV/m
Grid 7 M4 11.39 dBV/m	Grid 8 M4 10.26 dBV/m	Grid 9 M4 7.77 dBV/m



0 dB = 5.065 V/m = 14.09 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 = 9.102 V/m; Power Drift = 0.14 dB

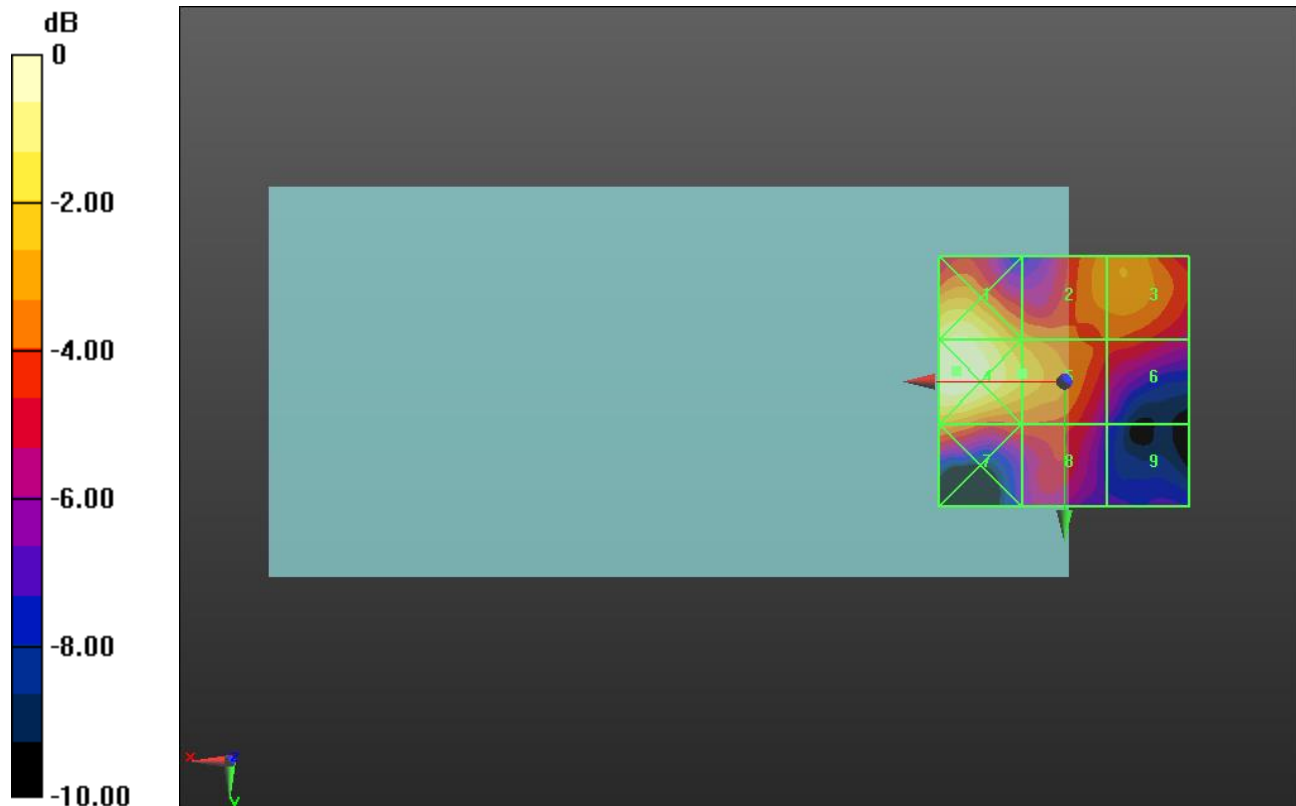
Applied MIF = -5.82 dB

RF audio interference level = 12.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.89 dBV/m	Grid 2 M4 11.59 dBV/m	Grid 3 M4 11.77 dBV/m
Grid 4 M4 14.41 dBV/m	Grid 5 M4 12.48 dBV/m	Grid 6 M4 10.45 dBV/m
Grid 7 M4 11.67 dBV/m	Grid 8 M4 10.41 dBV/m	Grid 9 M4 7.52 dBV/m



0 dB = 5.257 V/m = 14.41 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 9.748 V/m; Power Drift = -0.09 dB

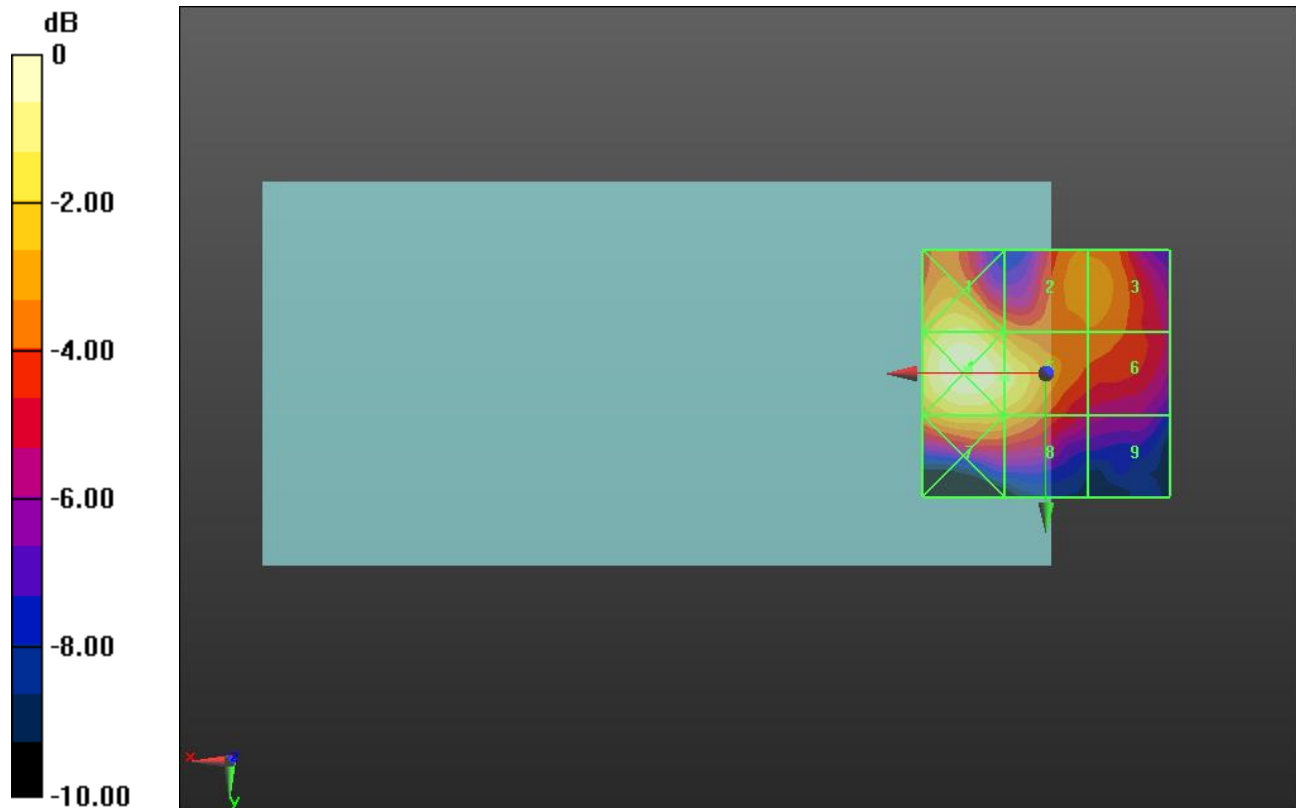
Applied MIF = -5.82 dB

RF audio interference level = 13.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.38 dBV/m	Grid 2 M4 11.56 dBV/m	Grid 3 M4 11.55 dBV/m
Grid 4 M4 14.49 dBV/m	Grid 5 M4 13.54 dBV/m	Grid 6 M4 11.09 dBV/m
Grid 7 M4 12.47 dBV/m	Grid 8 M4 12.15 dBV/m	Grid 9 M4 8.98 dBV/m



0 dB = 5.305 V/m = 14.49 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 8.690 V/m; Power Drift = -0.16 dB

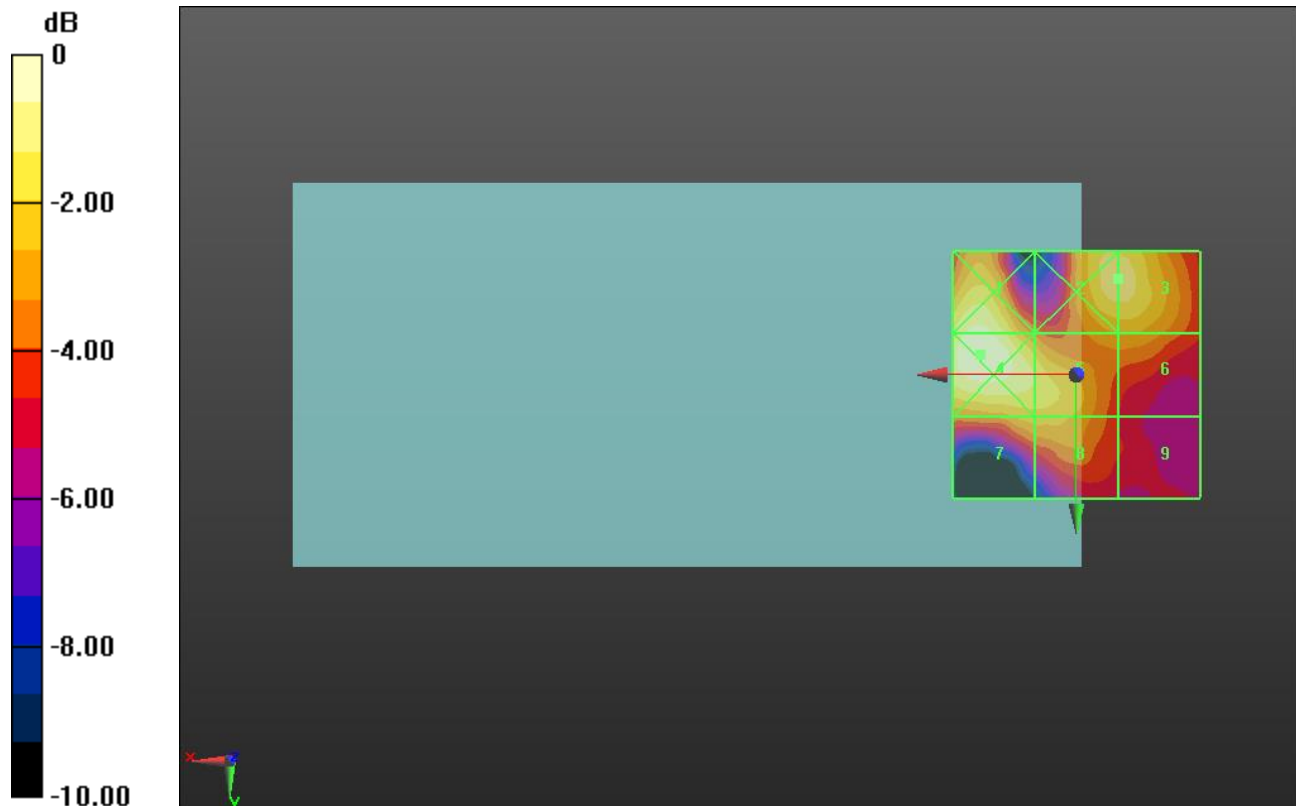
Applied MIF = -5.82 dB

RF audio interference level = 12.72 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.28 dBV/m	Grid 2 M4 12.75 dBV/m	Grid 3 M4 12.72 dBV/m
Grid 4 M4 13.68 dBV/m	Grid 5 M4 12.36 dBV/m	Grid 6 M4 11.14 dBV/m
Grid 7 M4 11.46 dBV/m	Grid 8 M4 11.46 dBV/m	Grid 9 M4 9.13 dBV/m



0 dB = 4.831 V/m = 13.68 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 = 10.55 V/m; Power Drift = 0.15 dB

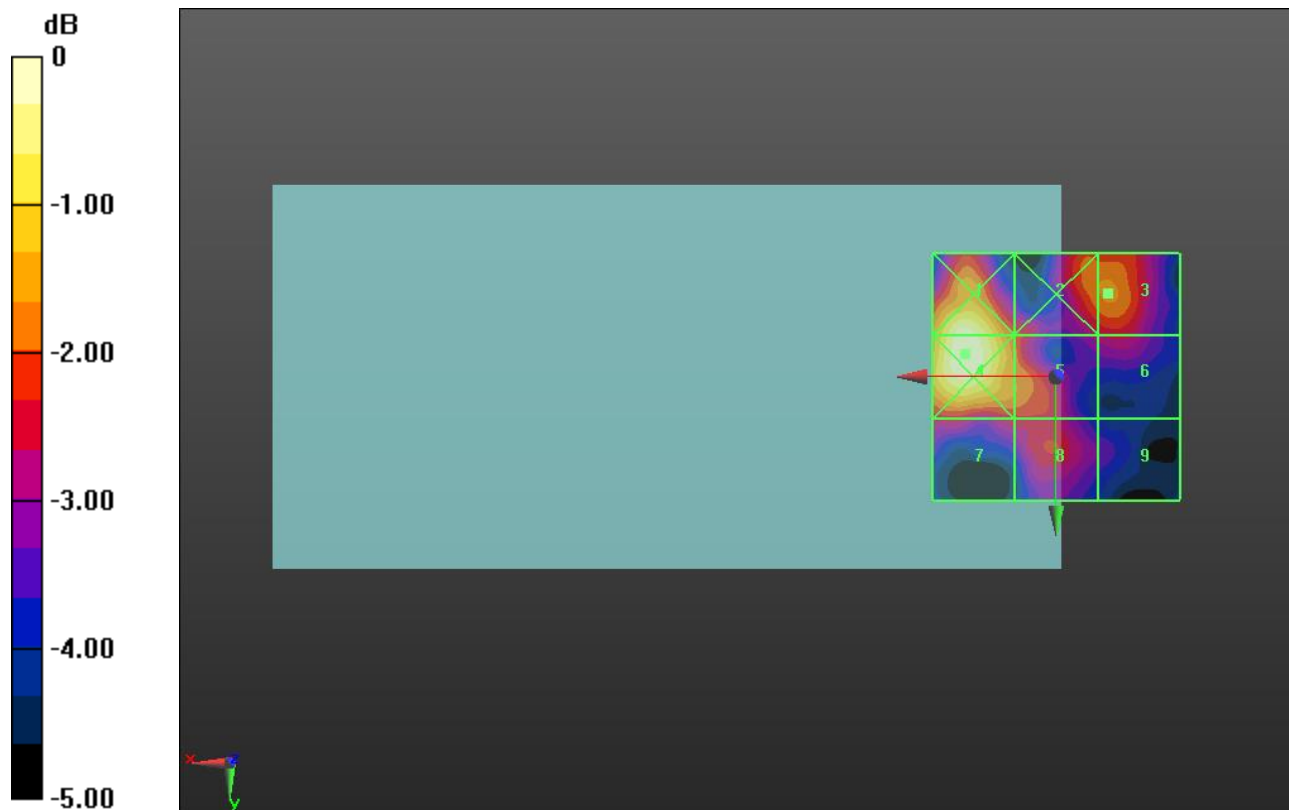
Applied MIF = -5.82 dB

RF audio interference level = 14.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.7 dBV/m	Grid 2 M4 14.18 dBV/m	Grid 3 M4 14.26 dBV/m
Grid 4 M4 15.84 dBV/m	Grid 5 M4 14.22 dBV/m	Grid 6 M4 13.33 dBV/m
Grid 7 M4 13.41 dBV/m	Grid 8 M4 13.57 dBV/m	Grid 9 M4 12.54 dBV/m



0 dB = 6.193 V/m = 15.84 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 = 10.48 V/m; Power Drift = -0.09 dB

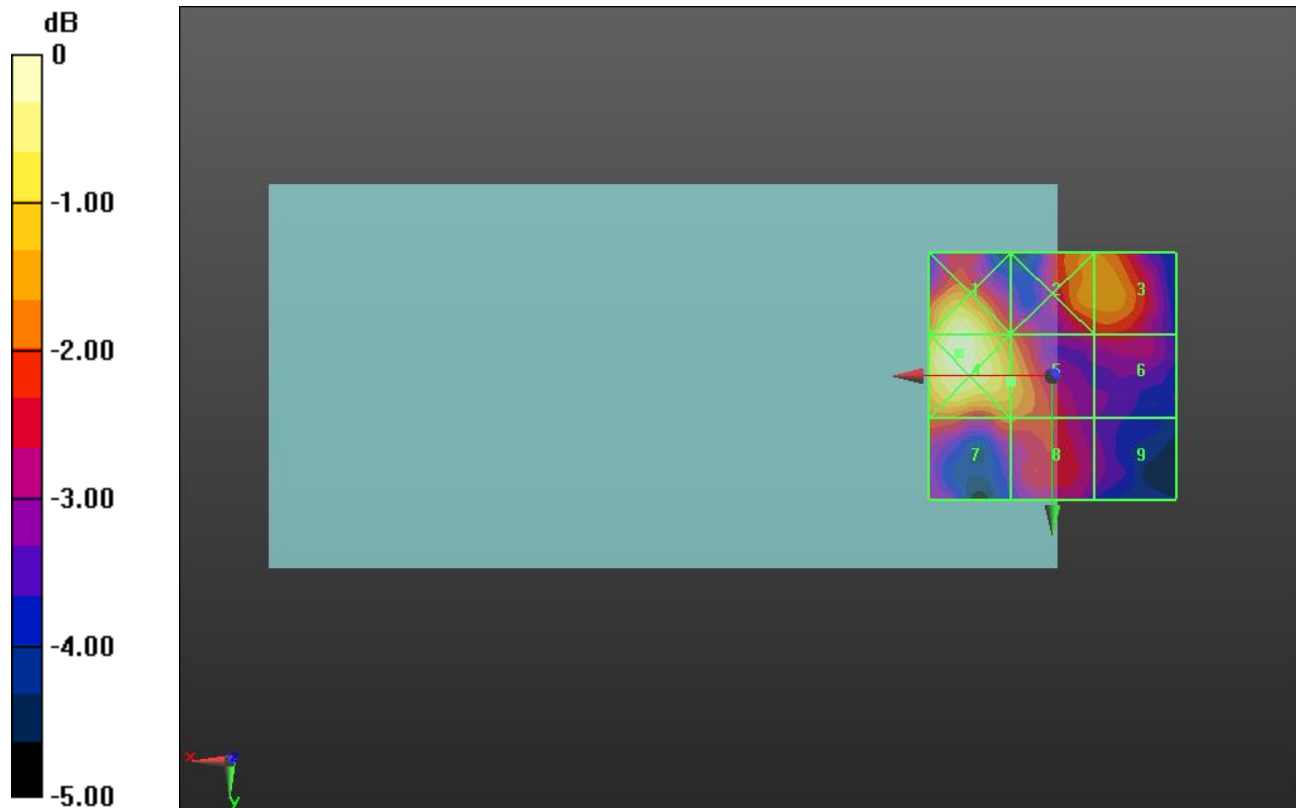
Applied MIF = -5.82 dB

RF audio interference level = 14.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.28 dBV/m	Grid 2 M4 14.05 dBV/m	Grid 3 M4 14.06 dBV/m
Grid 4 M4 15.45 dBV/m	Grid 5 M4 14.22 dBV/m	Grid 6 M4 13.09 dBV/m
Grid 7 M4 13.6 dBV/m	Grid 8 M4 13.59 dBV/m	Grid 9 M4 12.42 dBV/m



0 dB = 5.922 V/m = 15.45 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 = 9.637 V/m; Power Drift = 0.12 dB

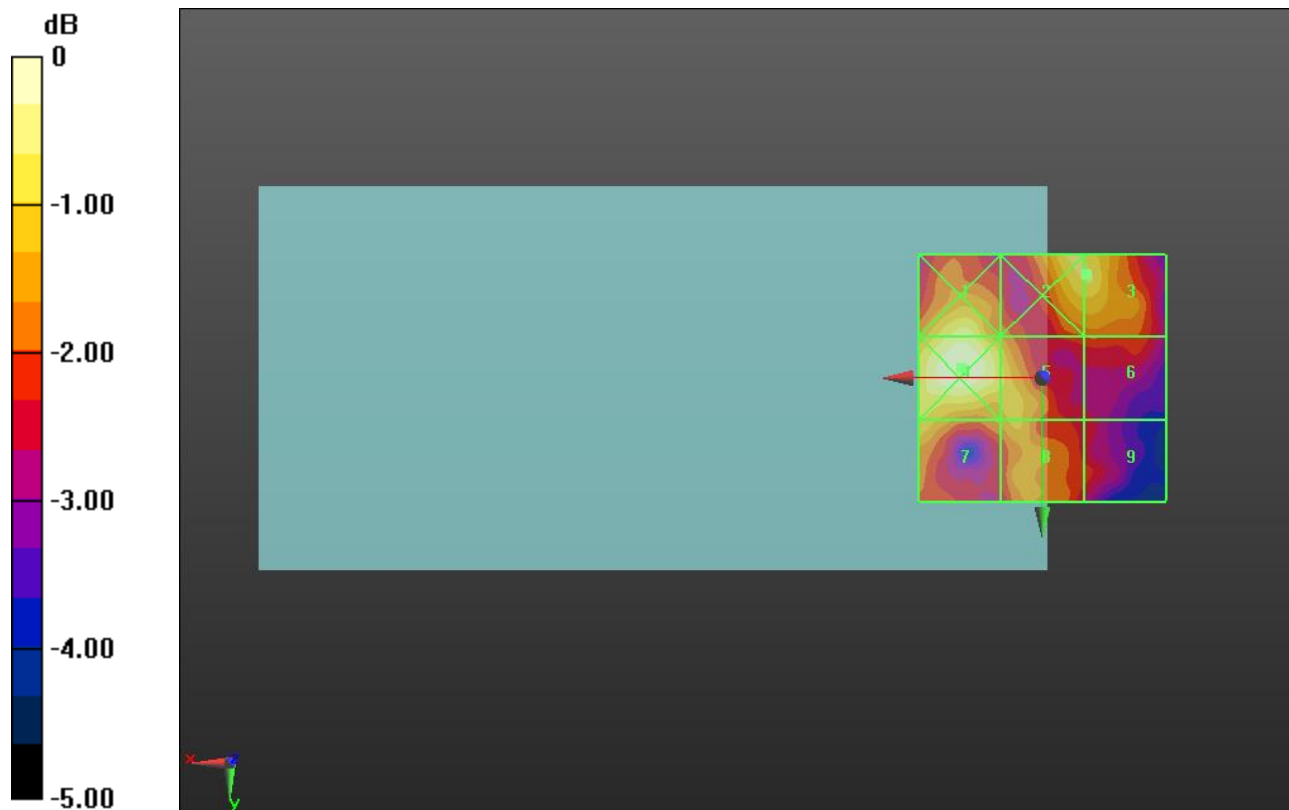
Applied MIF = -5.82 dB

RF audio interference level = 14.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.2 dBV/m	Grid 2 M4 14.09 dBV/m	Grid 3 M4 14.05 dBV/m
Grid 4 M4 14.65 dBV/m	Grid 5 M4 13.81 dBV/m	Grid 6 M4 12.76 dBV/m
Grid 7 M4 13.66 dBV/m	Grid 8 M4 13.4 dBV/m	Grid 9 M4 12.51 dBV/m



0 dB = 5.402 V/m = 14.65 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 = 10.79 V/m; Power Drift = -0.10 dB

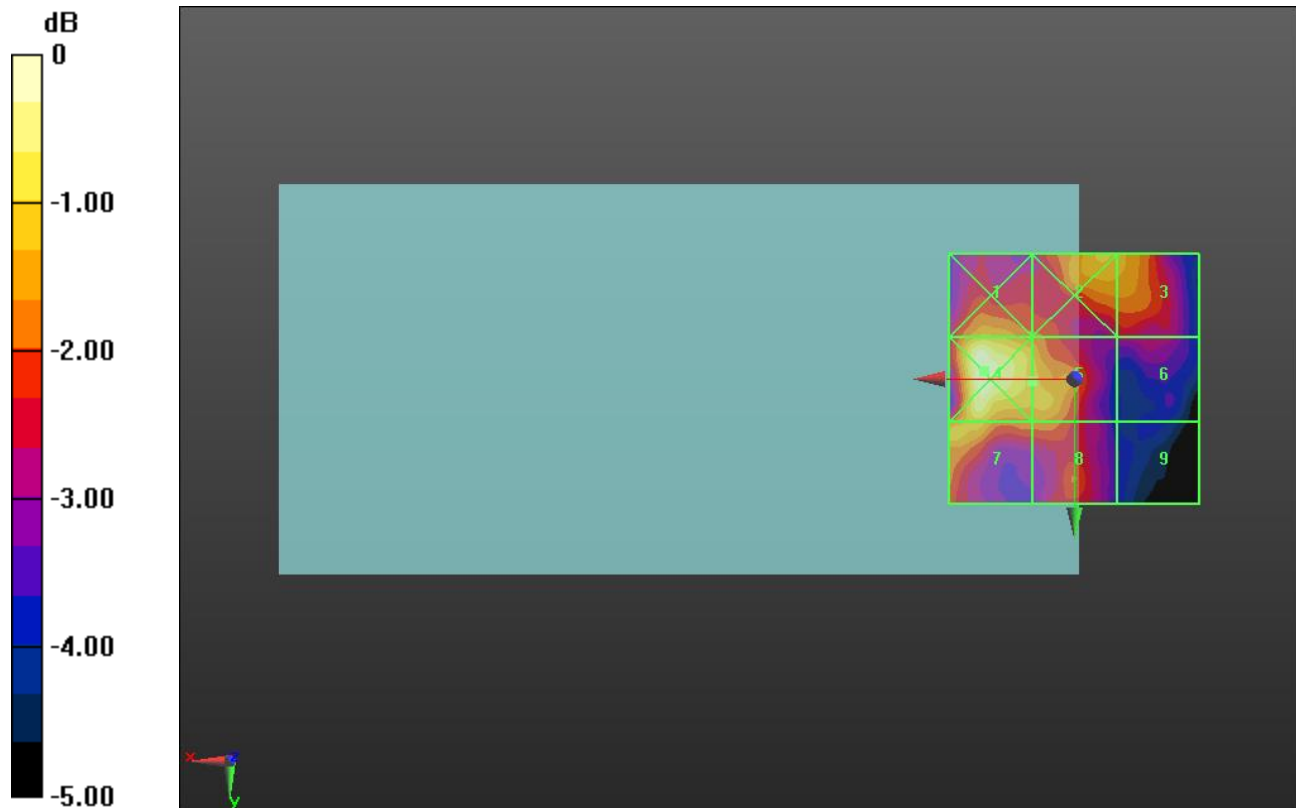
Applied MIF = -5.82 dB

RF audio interference level = 13.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.7 dBV/m	Grid 2 M4 13.95 dBV/m	Grid 3 M4 13.76 dBV/m
Grid 4 M4 14.89 dBV/m	Grid 5 M4 13.77 dBV/m	Grid 6 M4 12.18 dBV/m
Grid 7 M4 13.77 dBV/m	Grid 8 M4 13.19 dBV/m	Grid 9 M4 11.3 dBV/m



0 dB = 5.554 V/m = 14.89 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 = 11.14 V/m; Power Drift = -0.15 dB

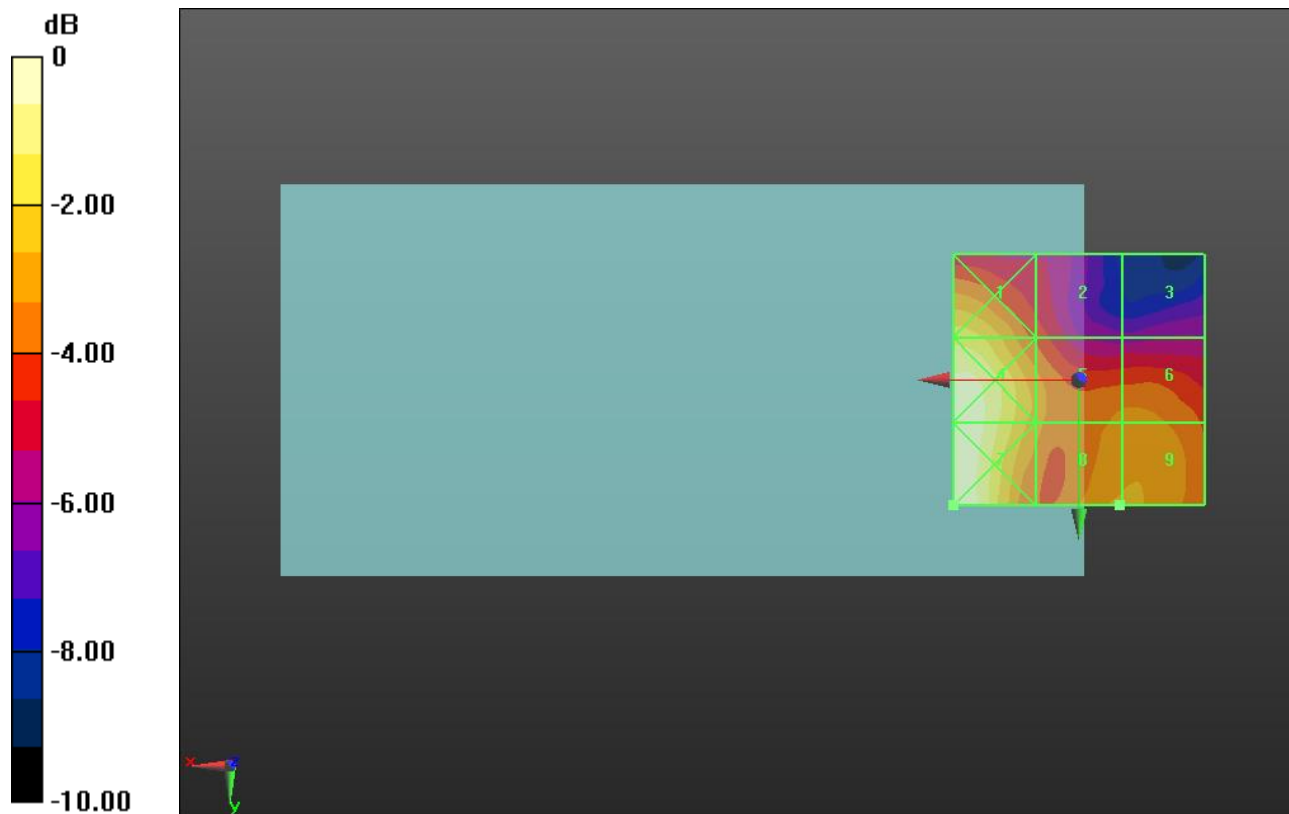
Applied MIF = -1.44 dB

RF audio interference level = 20.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.34 dBV/m	Grid 2 M4 18.7 dBV/m	Grid 3 M4 17.02 dBV/m
Grid 4 M4 22.7 dBV/m	Grid 5 M4 20.06 dBV/m	Grid 6 M4 19.81 dBV/m
Grid 7 M4 22.91 dBV/m	Grid 8 M4 20.33 dBV/m	Grid 9 M4 20.33 dBV/m



0 dB = 13.98 V/m = 22.91 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.33 V/m; Power Drift = -0.04 dB

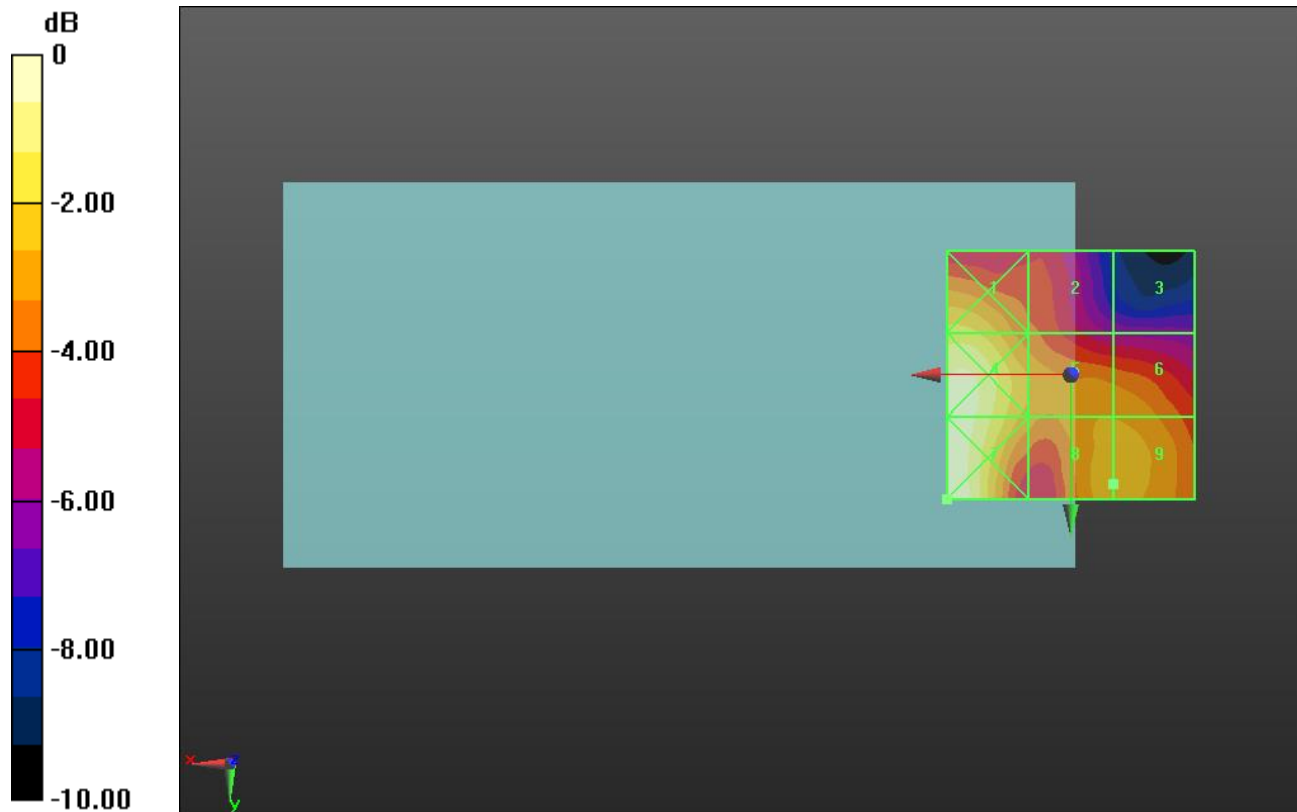
Applied MIF = -1.44 dB

RF audio interference level = 20.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.93 dBV/m	Grid 2 M4 18.85 dBV/m	Grid 3 M4 16.57 dBV/m
Grid 4 M4 22.24 dBV/m	Grid 5 M4 19.99 dBV/m	Grid 6 M4 19.95 dBV/m
Grid 7 M4 22.62 dBV/m	Grid 8 M4 20.31 dBV/m	Grid 9 M4 20.31 dBV/m



0 dB = 13.52 V/m = 22.62 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 = 12.29 V/m; Power Drift = 0.01 dB

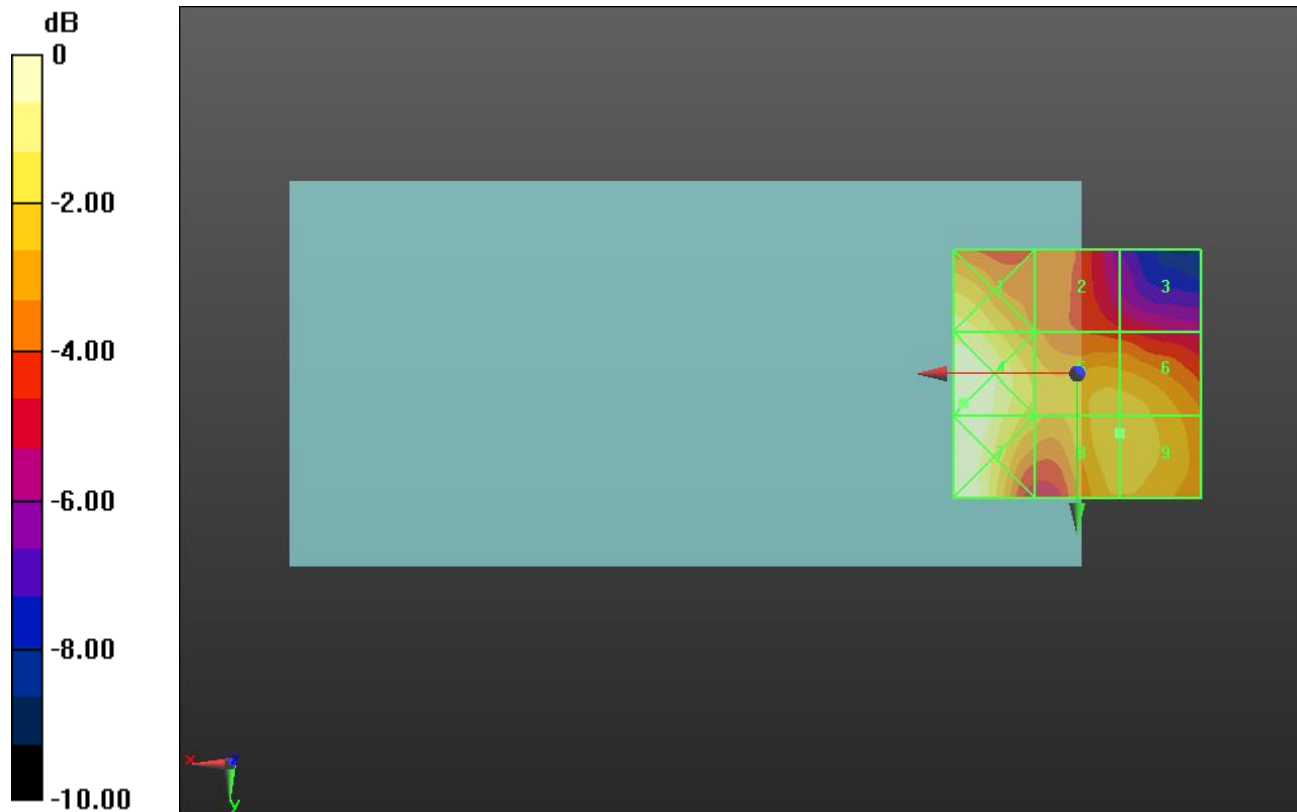
Applied MIF = -1.44 dB

RF audio interference level = 20.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.7 dBV/m	Grid 2 M4 18.39 dBV/m	Grid 3 M4 17.17 dBV/m
Grid 4 M4 21.62 dBV/m	Grid 5 M4 19.98 dBV/m	Grid 6 M4 19.97 dBV/m
Grid 7 M4 21.61 dBV/m	Grid 8 M4 20.03 dBV/m	Grid 9 M4 20.03 dBV/m



0 dB = 12.04 V/m = 21.61 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.98 V/m; Power Drift = -0.04 dB

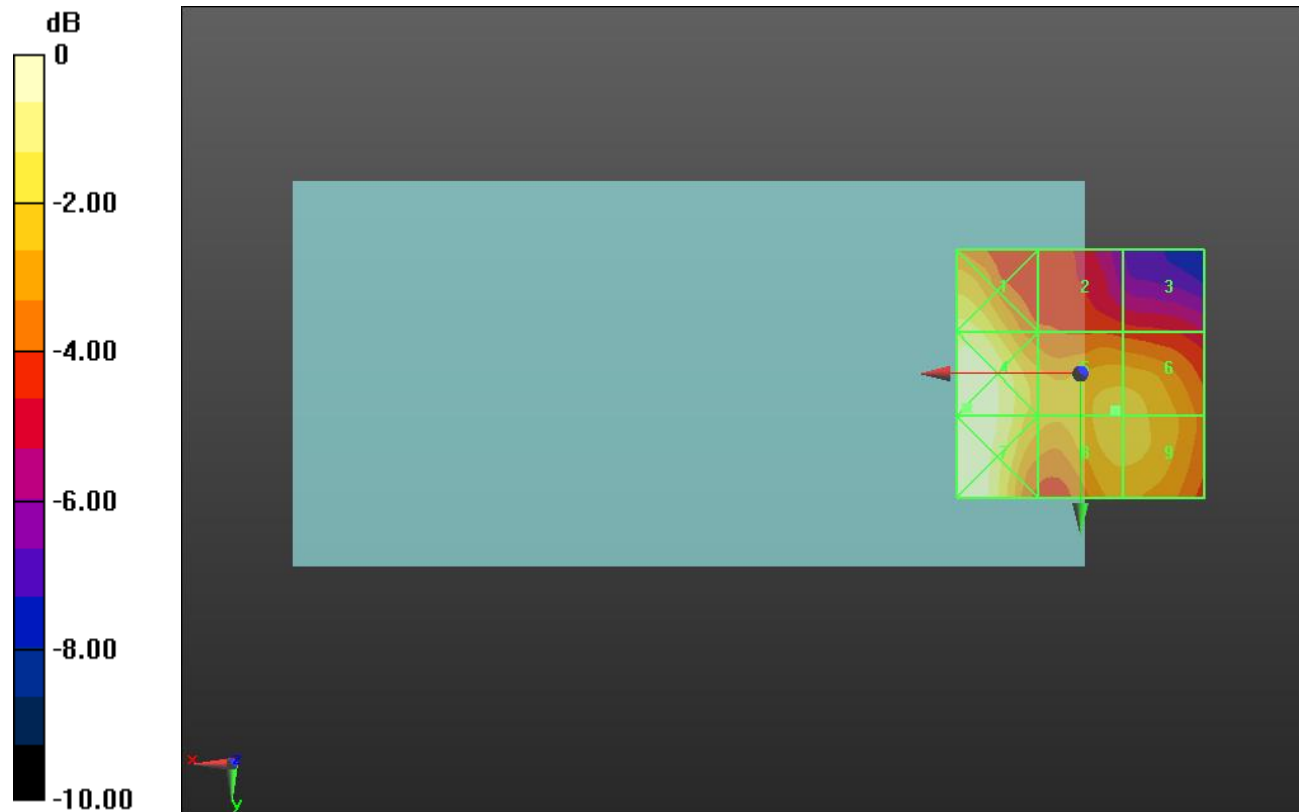
Applied MIF = -1.44 dB

RF audio interference level = 19.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.5 dBV/m	Grid 2 M4 17.71 dBV/m	Grid 3 M4 17.25 dBV/m
Grid 4 M4 21.5 dBV/m	Grid 5 M4 19.78 dBV/m	Grid 6 M4 19.77 dBV/m
Grid 7 M4 21.5 dBV/m	Grid 8 M4 19.78 dBV/m	Grid 9 M4 19.74 dBV/m



0 dB = 11.89 V/m = 21.50 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 44.44 V/m; Power Drift = -0.05 dB

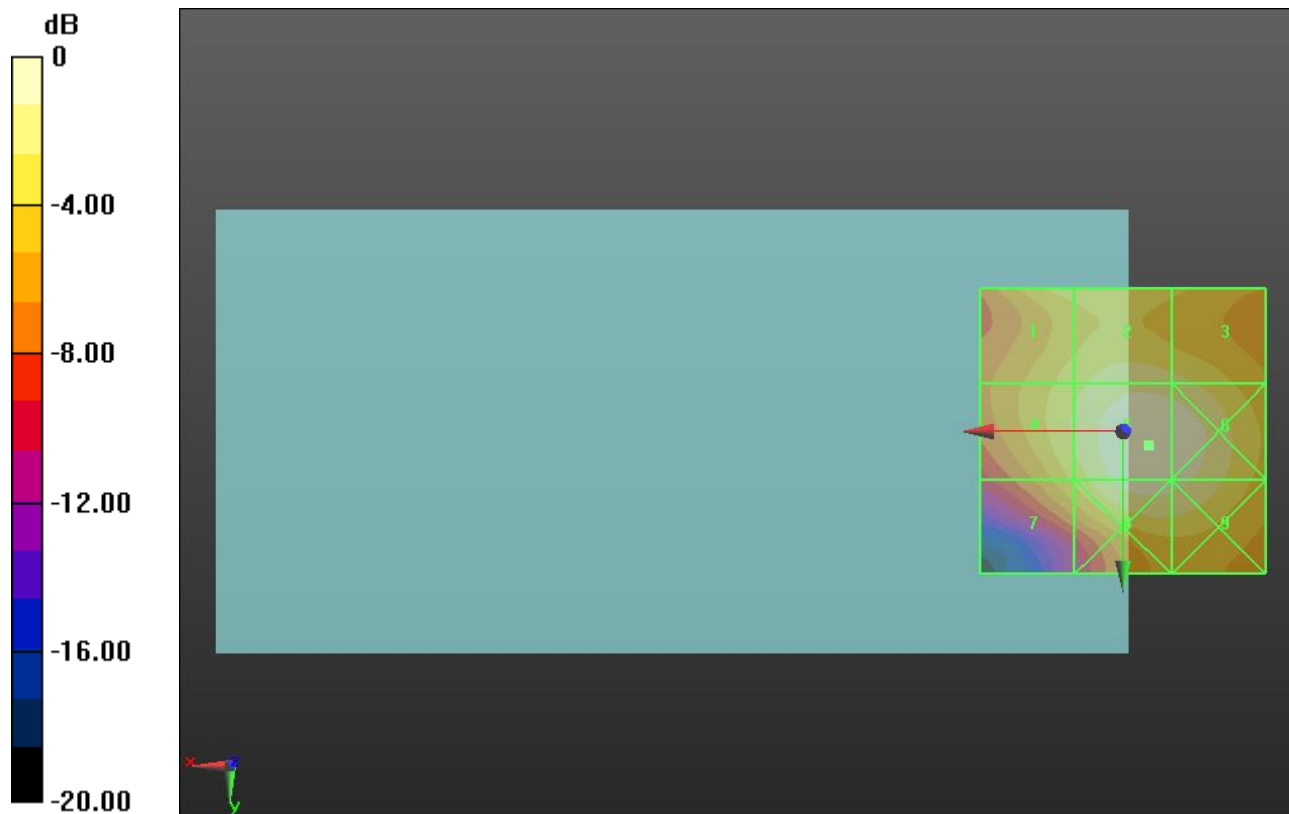
Applied MIF = -1.44 dB

RF audio interference level = 28.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.19 dBV/m	Grid 2 M4 26.48 dBV/m	Grid 3 M4 26.1 dBV/m
Grid 4 M4 25.78 dBV/m	Grid 5 M4 28.21 dBV/m	Grid 6 M4 27.97 dBV/m
Grid 7 M4 24.56 dBV/m	Grid 8 M4 27.6 dBV/m	Grid 9 M4 27.37 dBV/m



0 dB = 25.74 V/m = 28.21 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 = 43.42 V/m; Power Drift = -0.01 dB

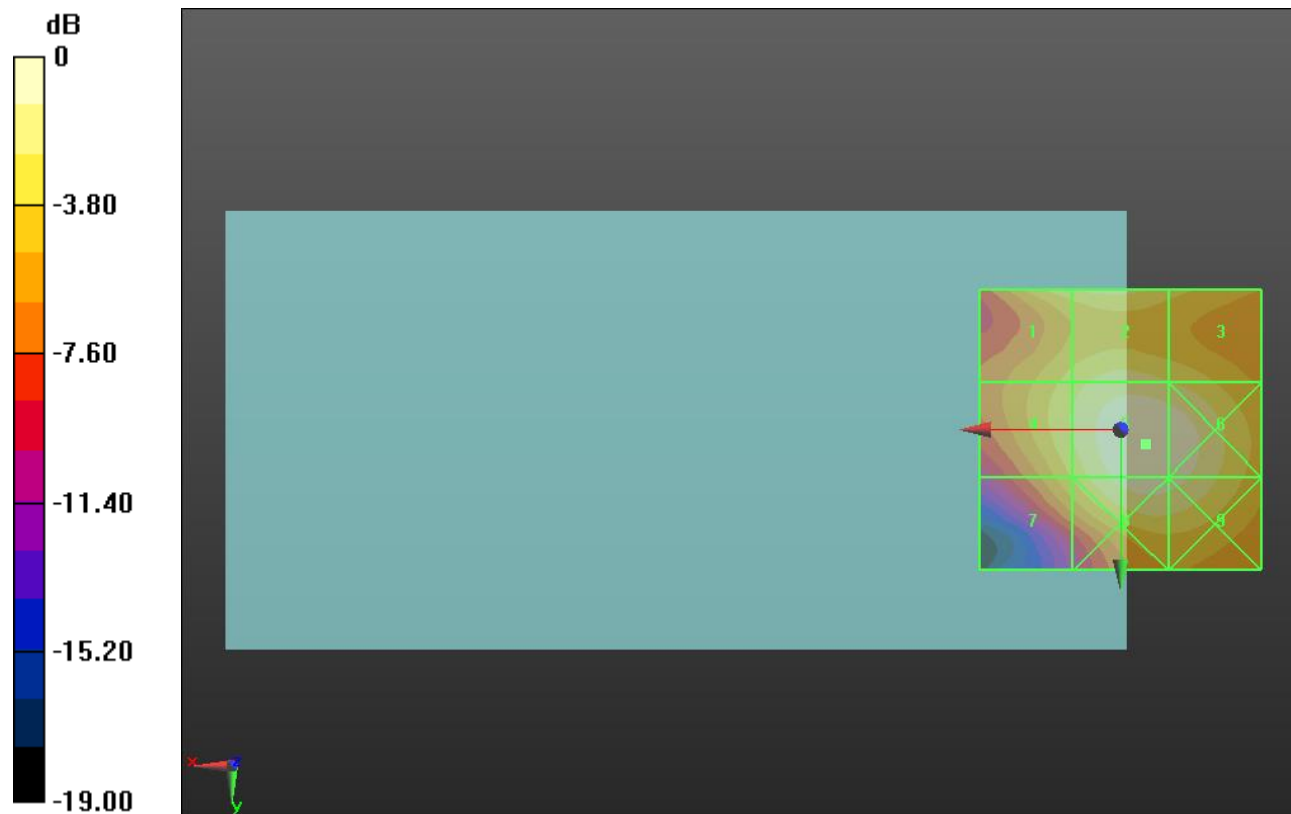
Applied MIF = -1.44 dB

RF audio interference level = 27.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.37 dBV/m	Grid 2 M4 26.02 dBV/m	Grid 3 M4 25.43 dBV/m
Grid 4 M4 25.55 dBV/m	Grid 5 M4 27.9 dBV/m	Grid 6 M4 27.66 dBV/m
Grid 7 M4 24.26 dBV/m	Grid 8 M4 27.4 dBV/m	Grid 9 M4 27.16 dBV/m



0 dB = 24.84 V/m = 27.90 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 = 40.92 V/m; Power Drift = -0.05 dB

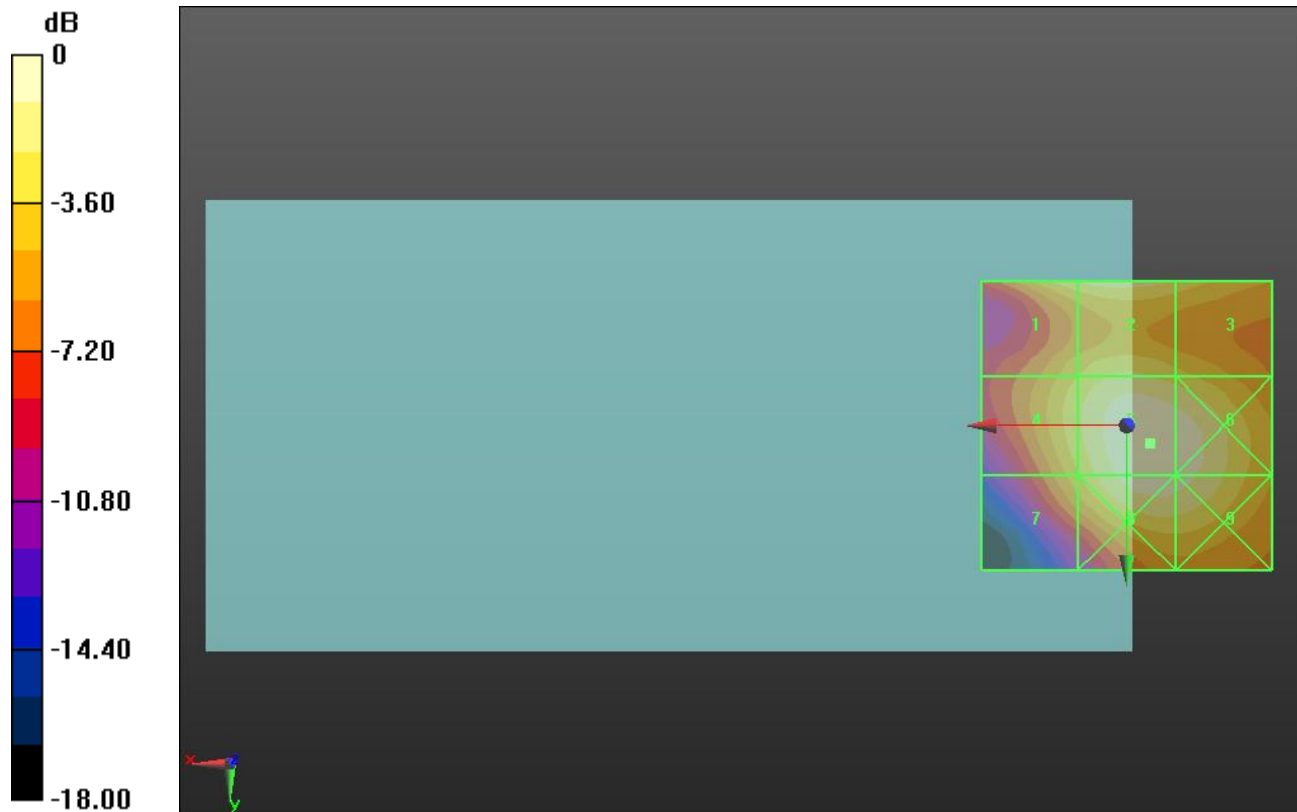
Applied MIF = -1.44 dB

RF audio interference level = 27.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.02 dBV/m	Grid 2 M4 25.75 dBV/m	Grid 3 M4 24.7 dBV/m
Grid 4 M4 24.59 dBV/m	Grid 5 M4 27.19 dBV/m	Grid 6 M4 26.91 dBV/m
Grid 7 M4 23.45 dBV/m	Grid 8 M4 26.85 dBV/m	Grid 9 M4 26.58 dBV/m



0 dB = 22.88 V/m = 27.19 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 = 38.22 V/m; Power Drift = 0.00 dB

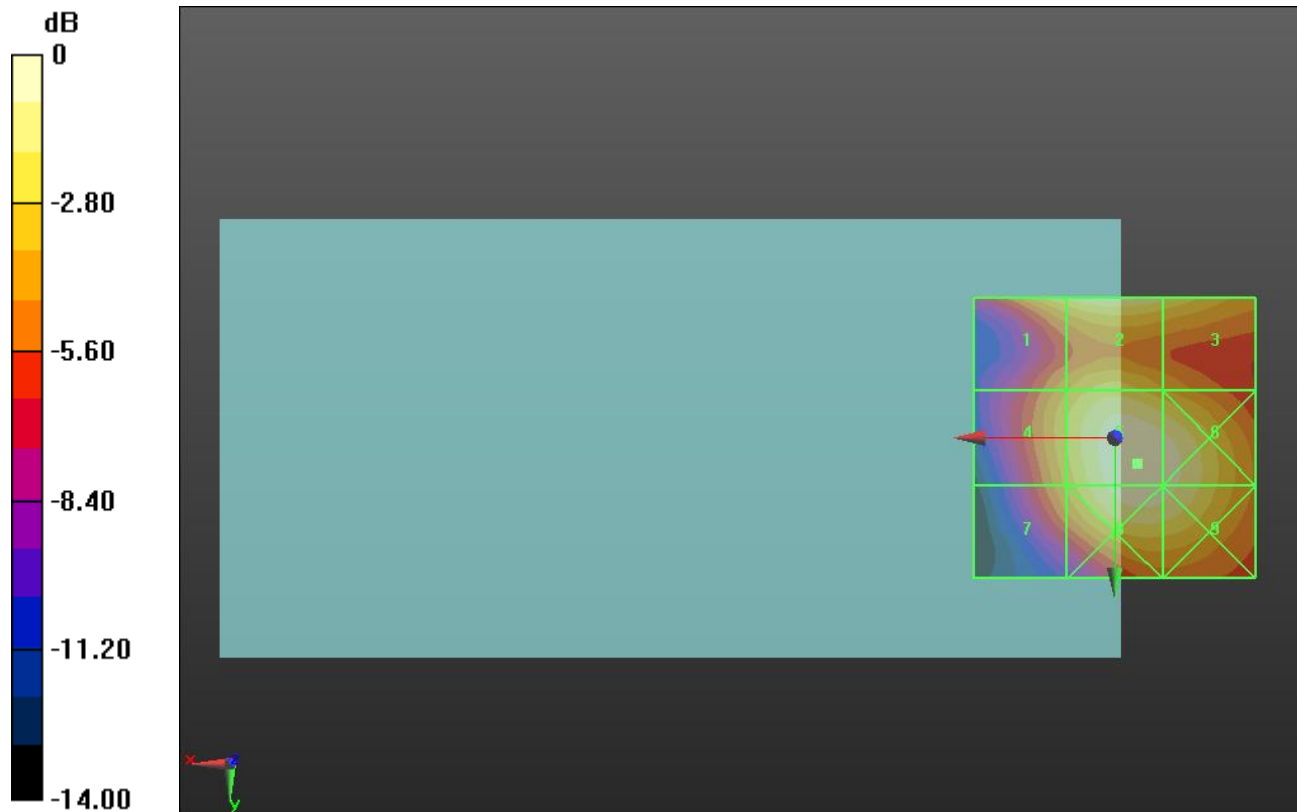
Applied MIF = -1.44 dB

RF audio interference level = 26.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.95 dBV/m	Grid 2 M4 25.9 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 23.69 dBV/m	Grid 5 M4 26.42 dBV/m	Grid 6 M4 26.07 dBV/m
Grid 7 M4 22.96 dBV/m	Grid 8 M4 26.23 dBV/m	Grid 9 M4 25.9 dBV/m



0 dB = 20.94 V/m = 26.42 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.531 V/m; Power Drift = -0.11 dB

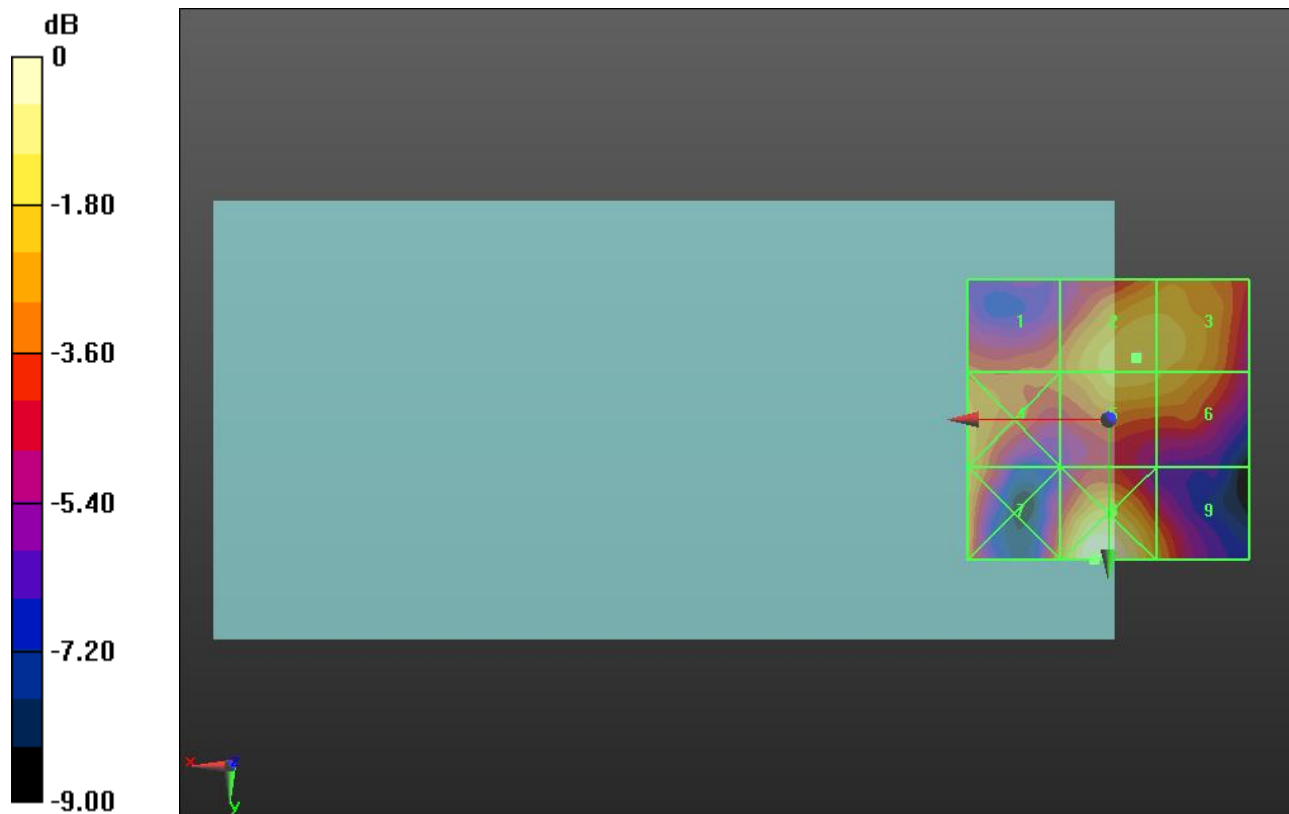
Applied MIF = -1.44 dB

RF audio interference level = 16.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.08 dBV/m	Grid 2 M4 16.12 dBV/m	Grid 3 M4 15.93 dBV/m
Grid 4 M4 15.38 dBV/m	Grid 5 M4 15.94 dBV/m	Grid 6 M4 15.65 dBV/m
Grid 7 M4 15.27 dBV/m	Grid 8 M4 17.28 dBV/m	Grid 9 M4 14.76 dBV/m



0 dB = 7.314 V/m = 17.28 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 = 9.996 V/m; Power Drift = 0.08 dB

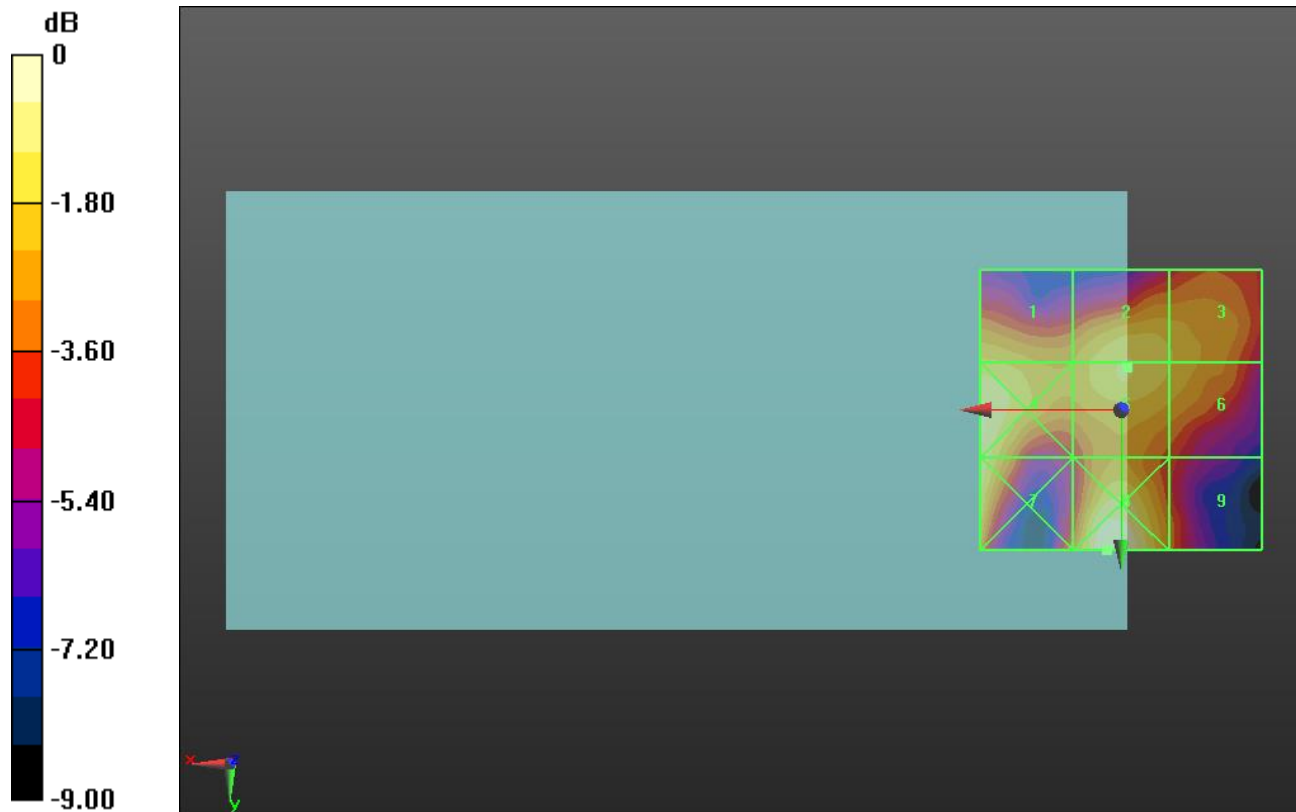
Applied MIF = -1.44 dB

RF audio interference level = 16.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16 dBV/m	Grid 2 M4 16.48 dBV/m	Grid 3 M4 15.91 dBV/m
Grid 4 M4 17.19 dBV/m	Grid 5 M4 16.49 dBV/m	Grid 6 M4 15.91 dBV/m
Grid 7 M4 16.94 dBV/m	Grid 8 M4 17.63 dBV/m	Grid 9 M4 14.5 dBV/m



0 dB = 7.615 V/m = 17.63 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 = 10.85 V/m; Power Drift = -0.11 dB

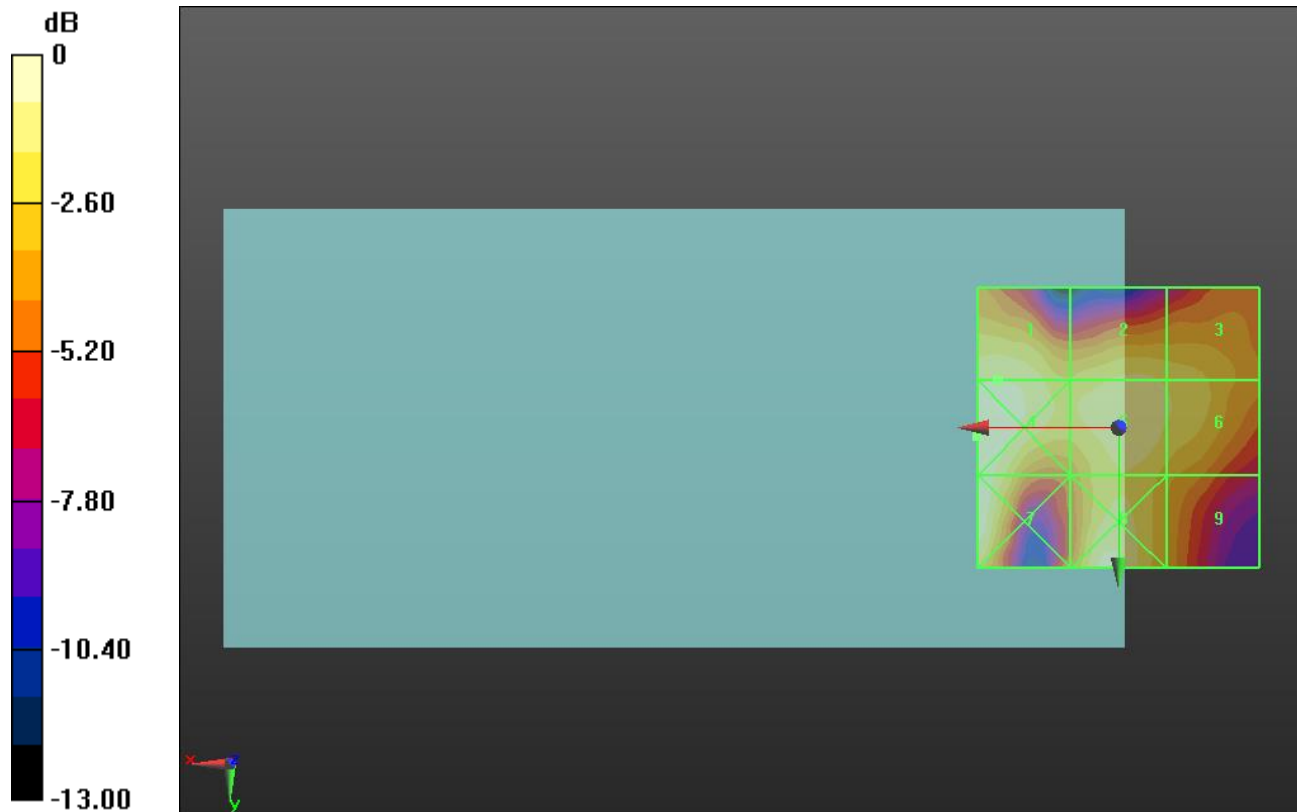
Applied MIF = -1.44 dB

RF audio interference level = 17.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17 dBV/m	Grid 2 M4 16.37 dBV/m	Grid 3 M4 15.98 dBV/m
Grid 4 M4 17.86 dBV/m	Grid 5 M4 16.92 dBV/m	Grid 6 M4 16.28 dBV/m
Grid 7 M4 17.74 dBV/m	Grid 8 M4 17.29 dBV/m	Grid 9 M4 14.84 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 10.05 V/m; Power Drift = -0.10 dB

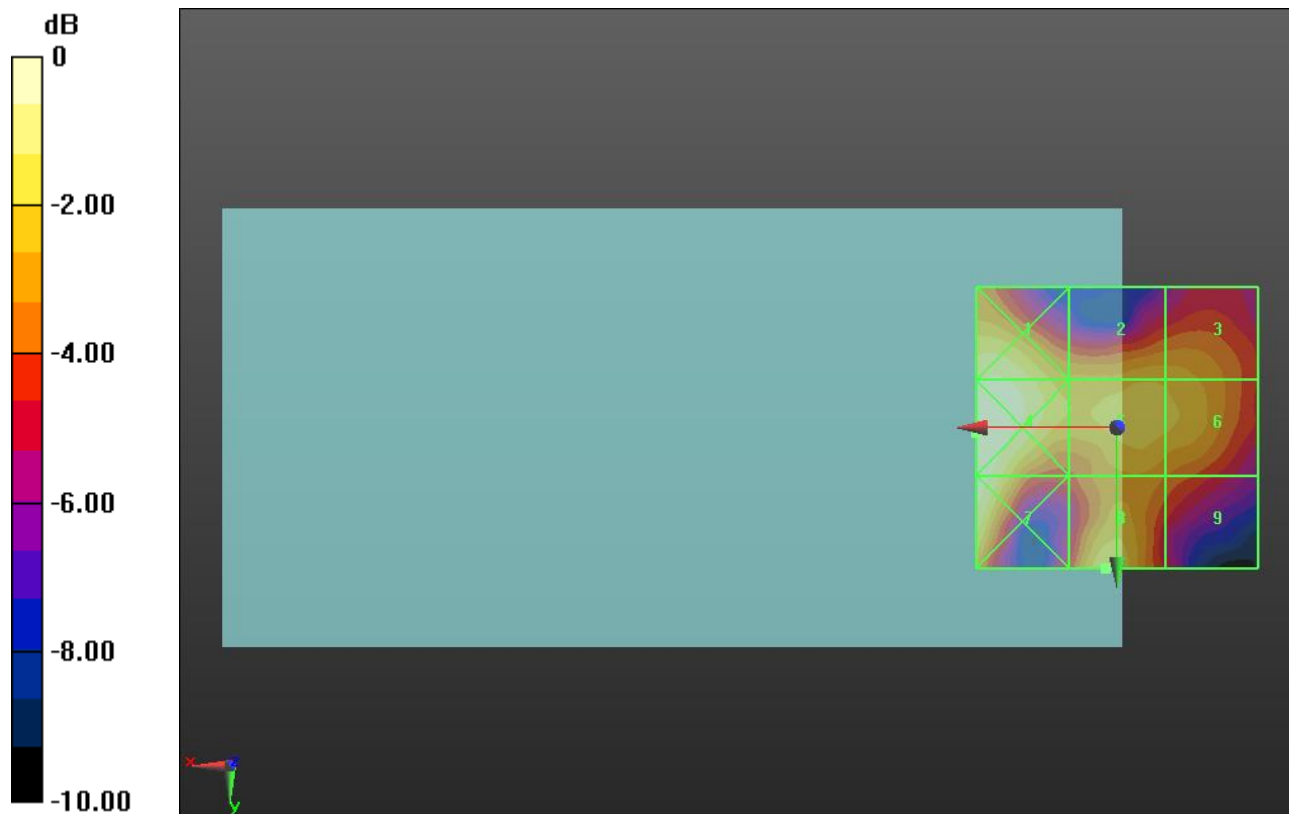
Applied MIF = -1.44 dB

RF audio interference level = 16.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.44 dBV/m	Grid 2 M4 15.94 dBV/m	Grid 3 M4 15.84 dBV/m
Grid 4 M4 17.99 dBV/m	Grid 5 M4 16.47 dBV/m	Grid 6 M4 16.21 dBV/m
Grid 7 M4 17.75 dBV/m	Grid 8 M4 16.69 dBV/m	Grid 9 M4 14.72 dBV/m



0 dB = 7.931 V/m = 17.99 dBV/m