

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 = 31.48 V/m; Power Drift = -0.08 dB

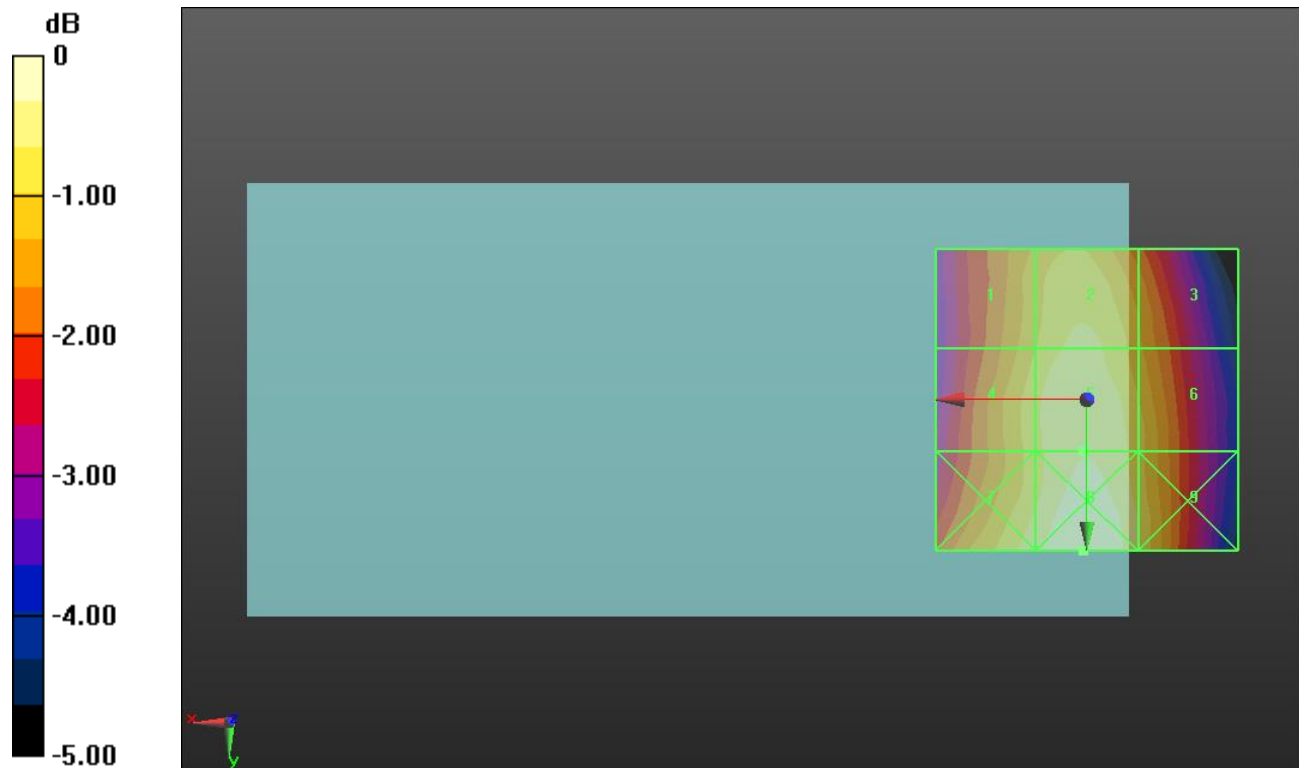
Applied MIF = 3.63 dB

RF audio interference level = 31.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.76 dBV/m	Grid 2 M4 31.19 dBV/m	Grid 3 M4 30.54 dBV/m
Grid 4 M4 31.02 dBV/m	Grid 5 M4 31.43 dBV/m	Grid 6 M4 30.92 dBV/m
Grid 7 M4 31.33 dBV/m	Grid 8 M4 31.77 dBV/m	Grid 9 M4 31.14 dBV/m



0 dB = 38.75 V/m = 31.77 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 = 31.81 V/m; Power Drift = 0.04 dB

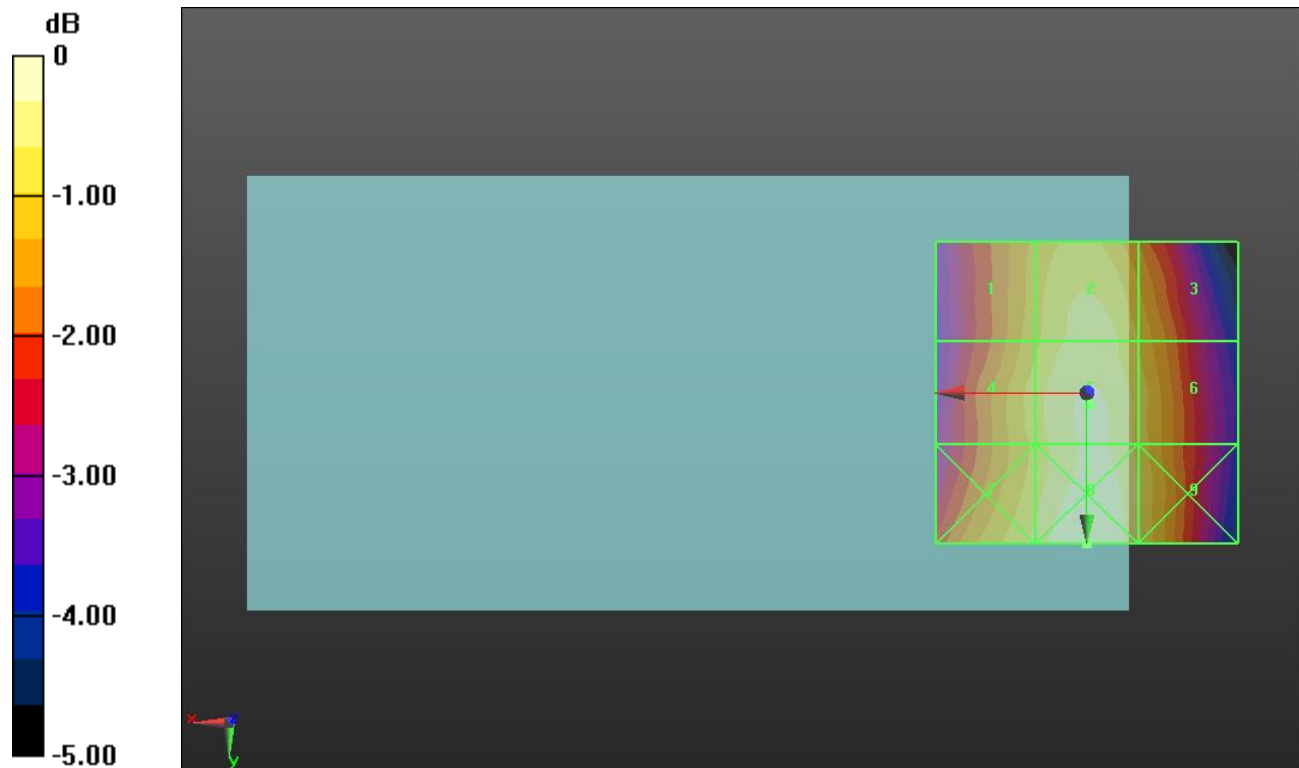
Applied MIF = 3.63 dB

RF audio interference level = 31.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.76 dBV/m	Grid 2 M4 31.32 dBV/m	Grid 3 M4 30.82 dBV/m
Grid 4 M4 31.03 dBV/m	Grid 5 M4 31.54 dBV/m	Grid 6 M4 31.05 dBV/m
Grid 7 M4 31.26 dBV/m	Grid 8 M4 31.82 dBV/m	Grid 9 M4 31.24 dBV/m



0 dB = 38.99 V/m = 31.82 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 = 31.44 V/m; Power Drift = 0.04 dB

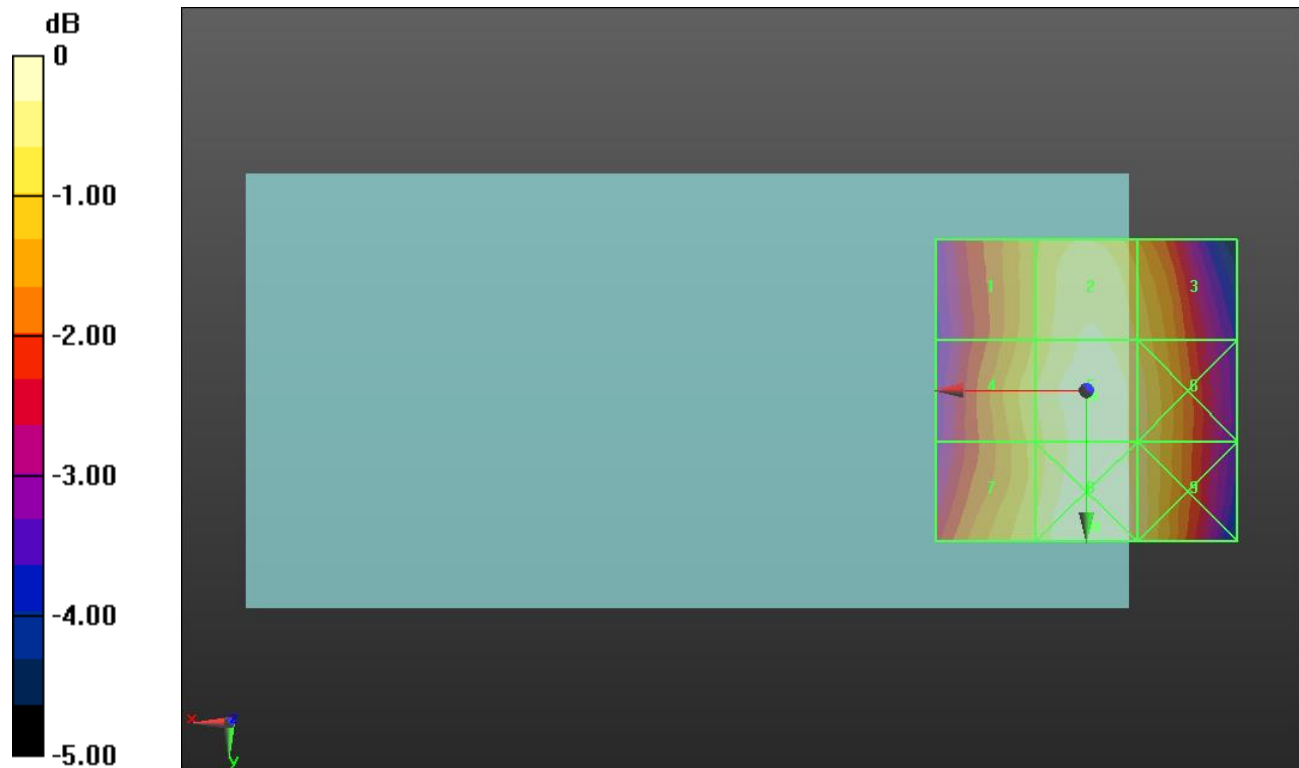
Applied MIF = 3.63 dB

RF audio interference level = 31.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.57 dBV/m	Grid 2 M4 31.24 dBV/m	Grid 3 M4 30.83 dBV/m
Grid 4 M4 30.85 dBV/m	Grid 5 M4 31.45 dBV/m	Grid 6 M4 31.05 dBV/m
Grid 7 M4 30.9 dBV/m	Grid 8 M4 31.52 dBV/m	Grid 9 M4 31.1 dBV/m



0 dB = 37.69 V/m = 31.52 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 = 13.40 V/m; Power Drift = -0.18 dB

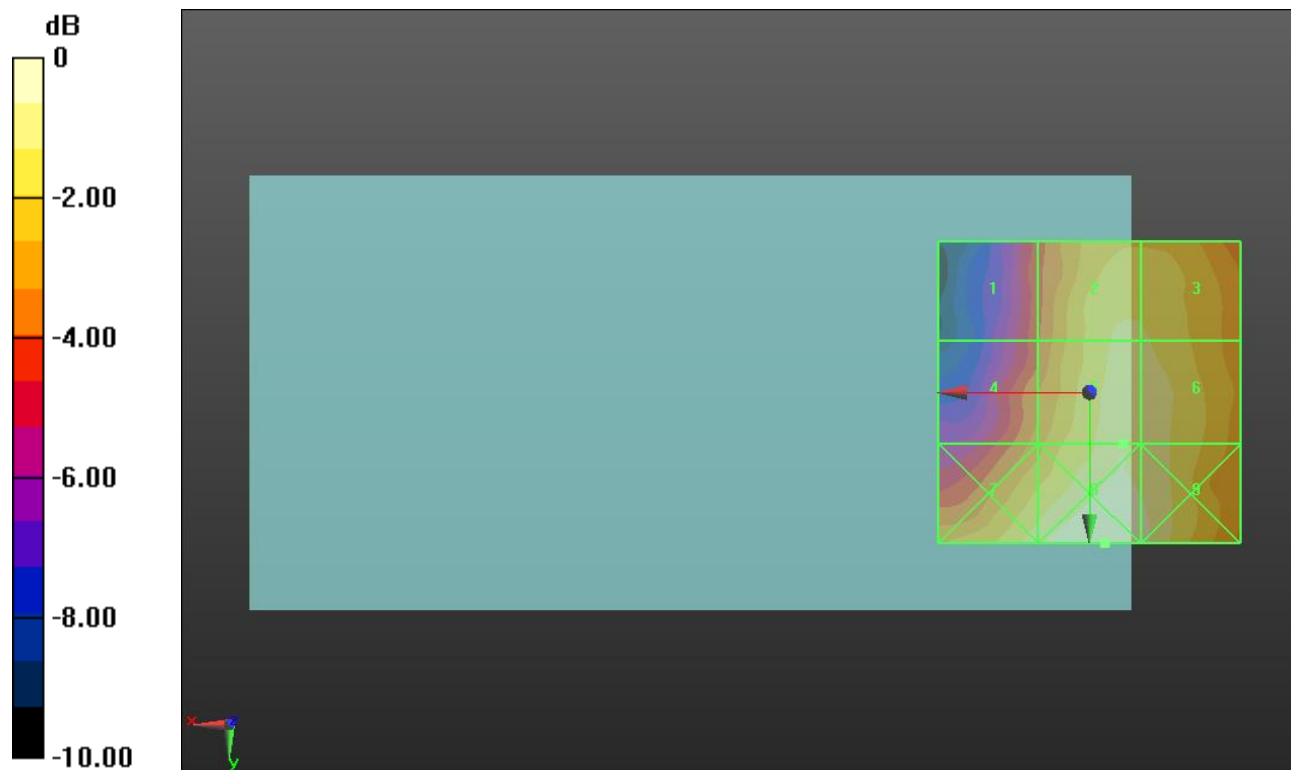
Applied MIF = 3.63 dB

RF audio interference level = 25.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.88 dBV/m	Grid 2 M4 24.77 dBV/m	Grid 3 M4 24.7 dBV/m
Grid 4 M4 23.01 dBV/m	Grid 5 M4 25.17 dBV/m	Grid 6 M4 24.98 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 25.94 dBV/m	Grid 9 M4 25.48 dBV/m



0 dB = 19.81 V/m = 25.94 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.65 V/m; Power Drift = -0.11 dB

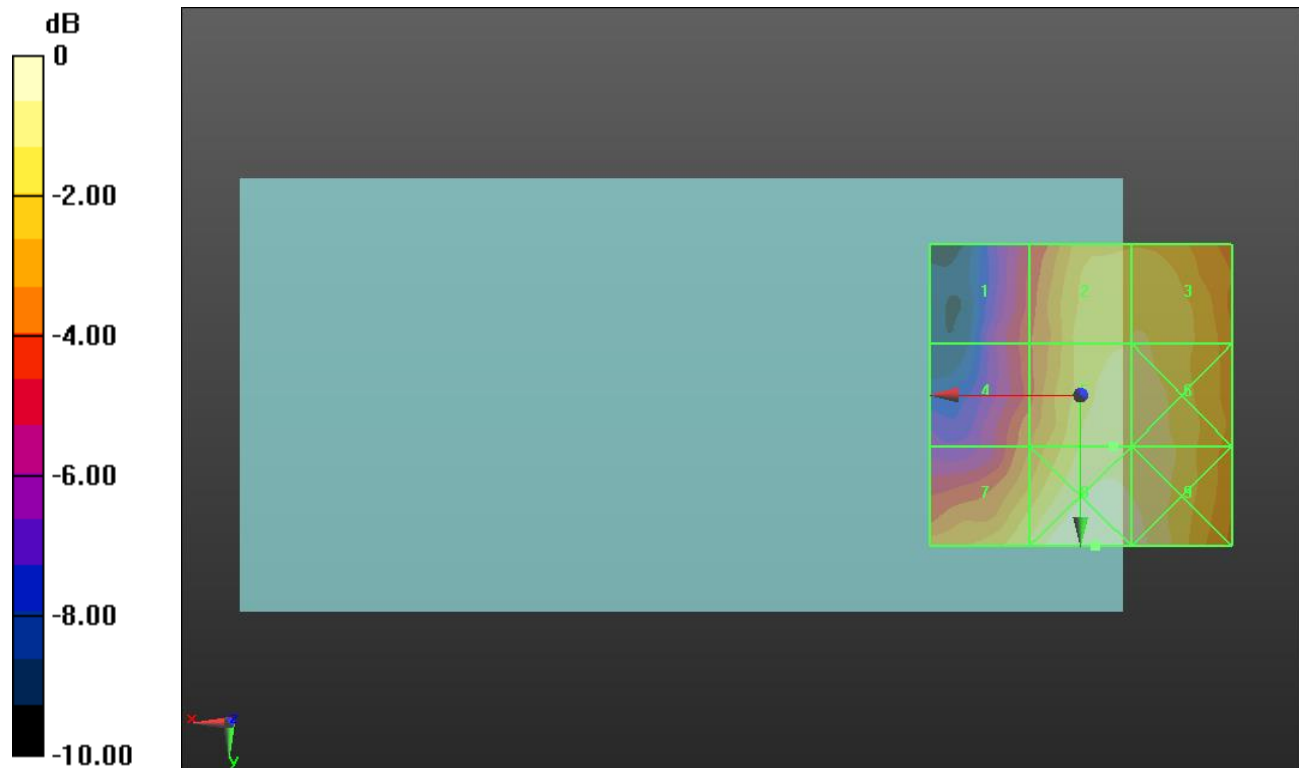
Applied MIF = 3.63 dB

RF audio interference level = 25.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.03 dBV/m	Grid 2 M4 24.84 dBV/m	Grid 3 M4 24.85 dBV/m
Grid 4 M4 22.76 dBV/m	Grid 5 M4 25.22 dBV/m	Grid 6 M4 25.16 dBV/m
Grid 7 M4 24.95 dBV/m	Grid 8 M4 26.13 dBV/m	Grid 9 M4 25.8 dBV/m



0 dB = 20.26 V/m = 26.13 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 = 13.17 V/m; Power Drift = -0.03 dB

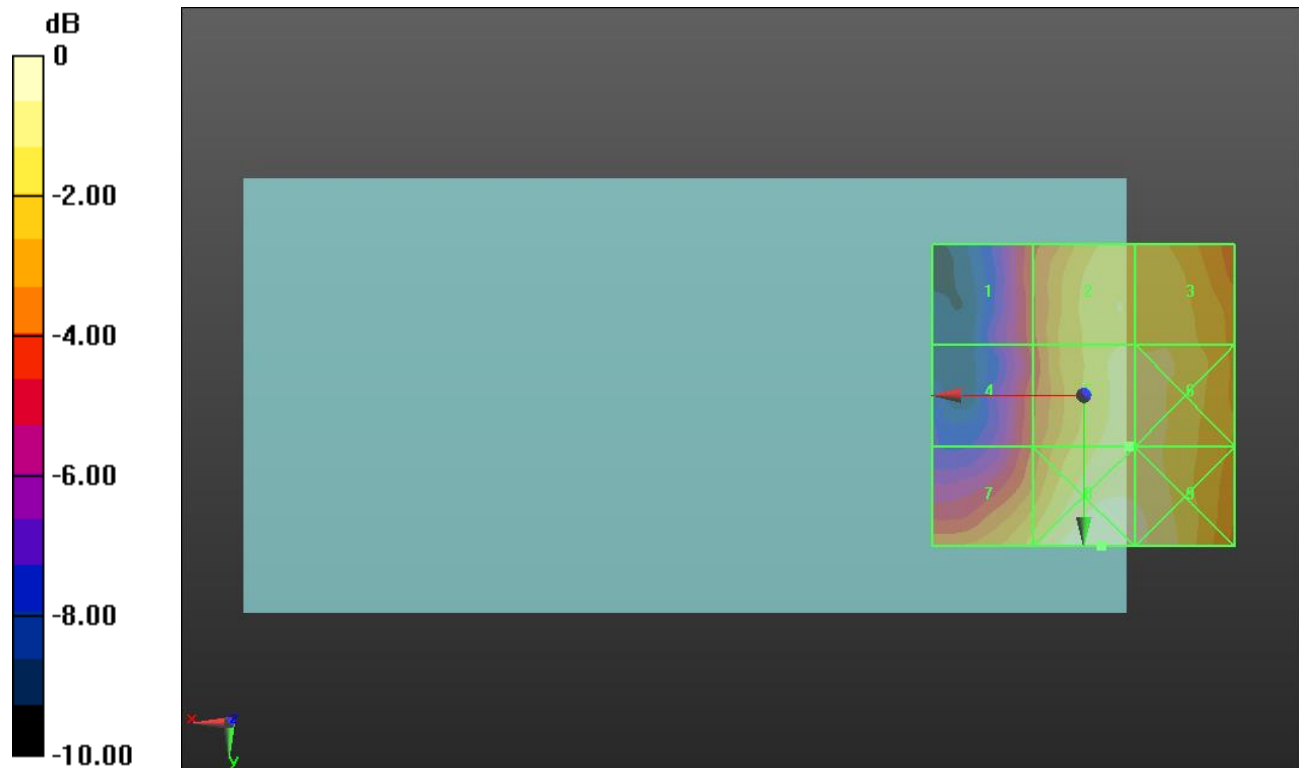
Applied MIF = 3.63 dB

RF audio interference level = 25.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.18 dBV/m	Grid 2 M4 24.85 dBV/m	Grid 3 M4 24.83 dBV/m
Grid 4 M4 22.25 dBV/m	Grid 5 M4 25.17 dBV/m	Grid 6 M4 25.16 dBV/m
Grid 7 M4 24.5 dBV/m	Grid 8 M4 26.17 dBV/m	Grid 9 M4 25.74 dBV/m



0 dB = 20.34 V/m = 26.17 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.38 V/m; Power Drift = -0.01 dB

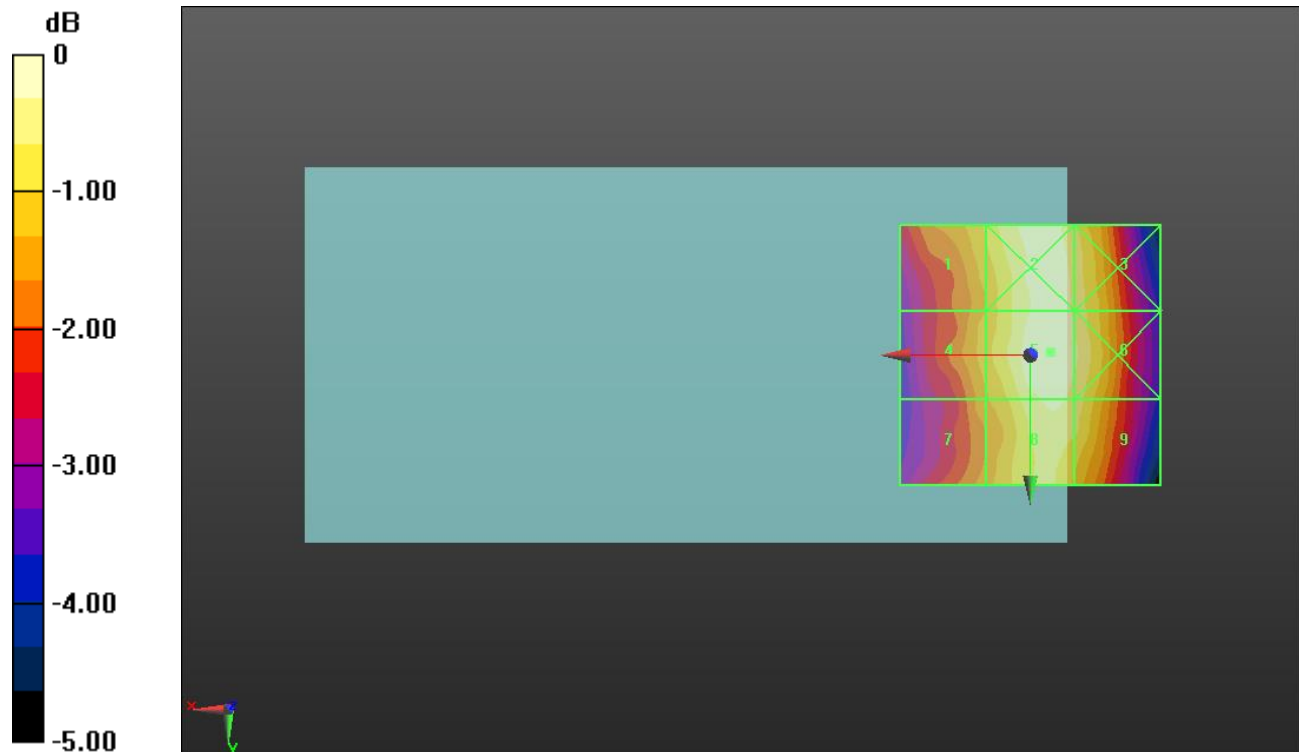
Applied MIF = 3.26 dB

RF audio interference level = 25.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.57 dBV/m	Grid 2 M4 25.39 dBV/m	Grid 3 M4 25.11 dBV/m
Grid 4 M4 24.39 dBV/m	Grid 5 M4 25.51 dBV/m	Grid 6 M4 25.24 dBV/m
Grid 7 M4 24.12 dBV/m	Grid 8 M4 25.24 dBV/m	Grid 9 M4 25.05 dBV/m



0 dB = 18.85 V/m = 25.51 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.67 V/m; Power Drift = -0.05 dB

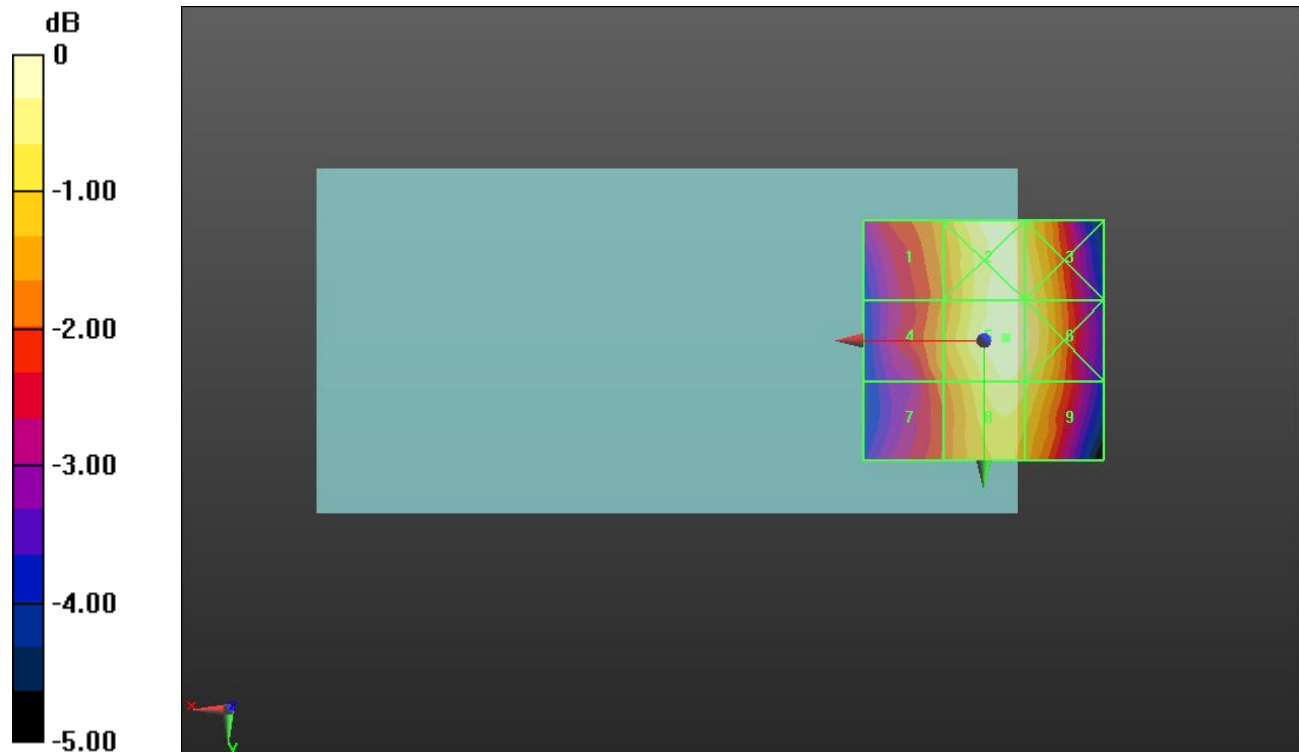
Applied MIF = 3.26 dB

RF audio interference level = 25.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.25 dBV/m	Grid 2 M4 25.46 dBV/m	Grid 3 M4 25.22 dBV/m
Grid 4 M4 24.18 dBV/m	Grid 5 M4 25.61 dBV/m	Grid 6 M4 25.38 dBV/m
Grid 7 M4 23.85 dBV/m	Grid 8 M4 25.26 dBV/m	Grid 9 M4 25.06 dBV/m



0 dB = 19.07 V/m = 25.61 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.14 V/m; Power Drift = -0.04 dB

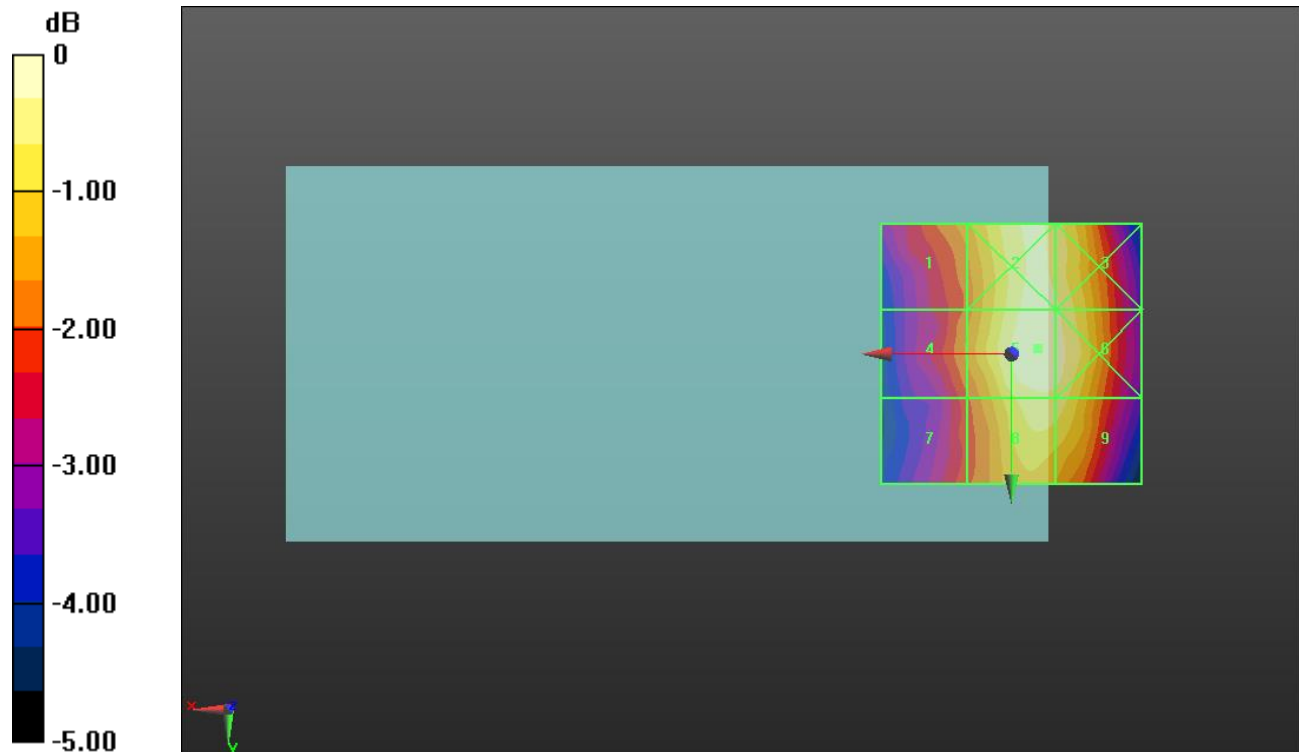
Applied MIF = 3.26 dB

RF audio interference level = 25.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.76 dBV/m	Grid 2 M4 25.08 dBV/m	Grid 3 M4 24.91 dBV/m
Grid 4 M4 23.59 dBV/m	Grid 5 M4 25.17 dBV/m	Grid 6 M4 25.02 dBV/m
Grid 7 M4 23.13 dBV/m	Grid 8 M4 24.78 dBV/m	Grid 9 M4 24.73 dBV/m



0 dB = 18.14 V/m = 25.17 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.792 V/m; Power Drift = -0.08 dB

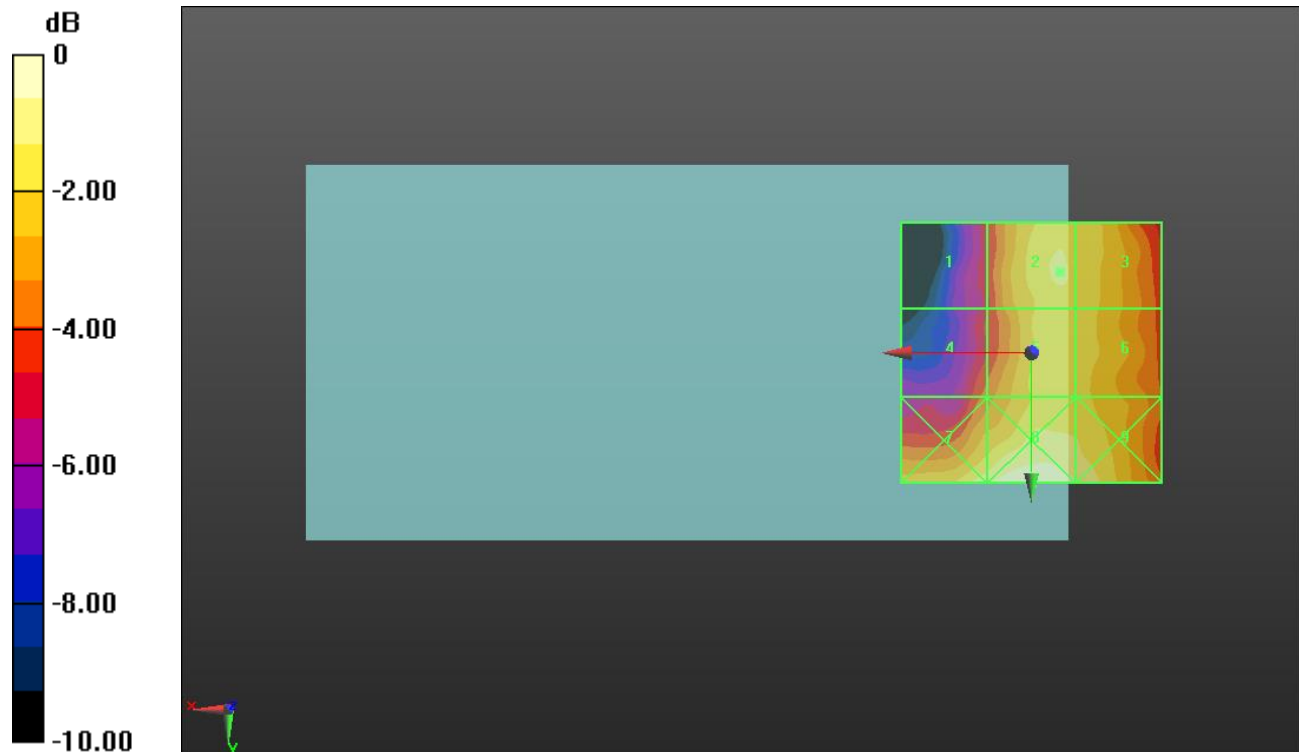
Applied MIF = 3.26 dB

RF audio interference level = 20.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.24 dBV/m	Grid 2 M4 20.54 dBV/m	Grid 3 M4 20.3 dBV/m
Grid 4 M4 18.16 dBV/m	Grid 5 M4 20.25 dBV/m	Grid 6 M4 20.17 dBV/m
Grid 7 M4 21.02 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 21.24 dBV/m



0 dB = 12.28 V/m = 21.78 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.644 V/m; Power Drift = -0.14 dB

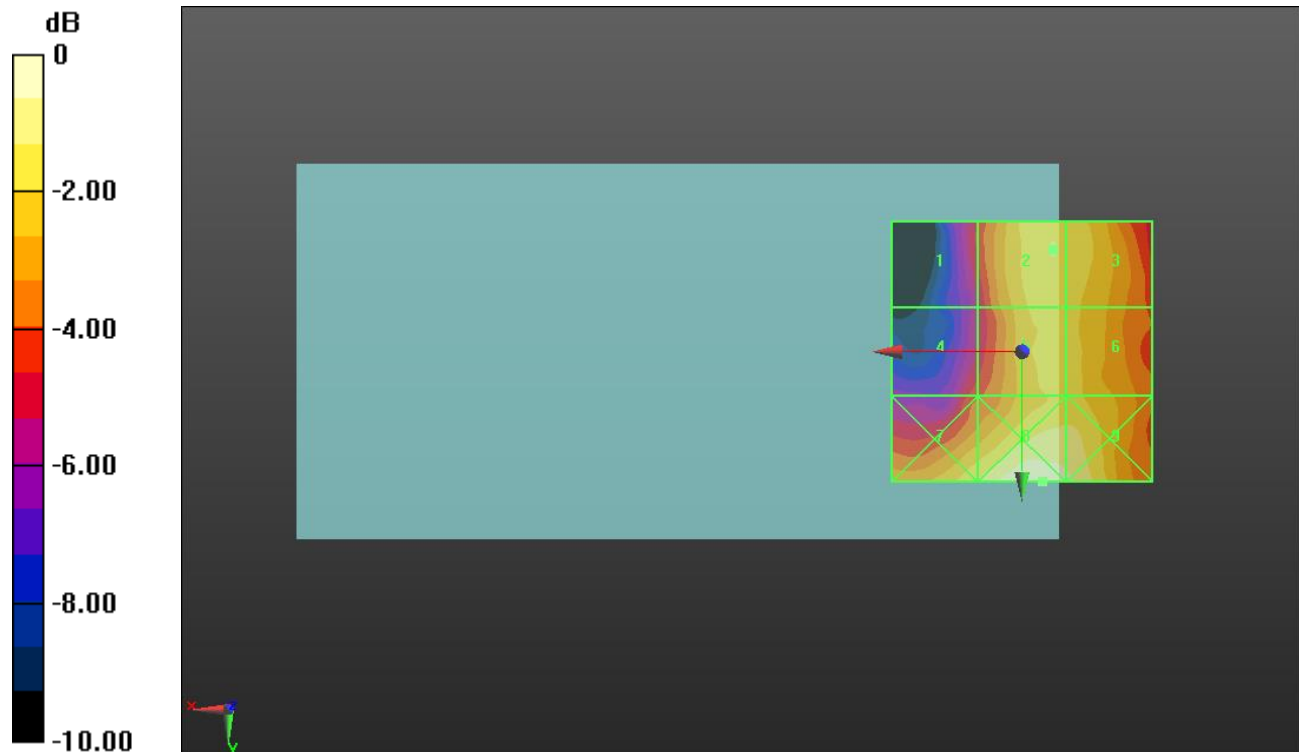
Applied MIF = 3.26 dB

RF audio interference level = 20.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.61 dBV/m	Grid 2 M4 20.74 dBV/m	Grid 3 M4 20.64 dBV/m
Grid 4 M4 17.95 dBV/m	Grid 5 M4 20.4 dBV/m	Grid 6 M4 20.29 dBV/m
Grid 7 M4 20.77 dBV/m	Grid 8 M4 22.05 dBV/m	Grid 9 M4 21.62 dBV/m



0 dB = 12.66 V/m = 22.05 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.451 V/m; Power Drift = -0.14 dB

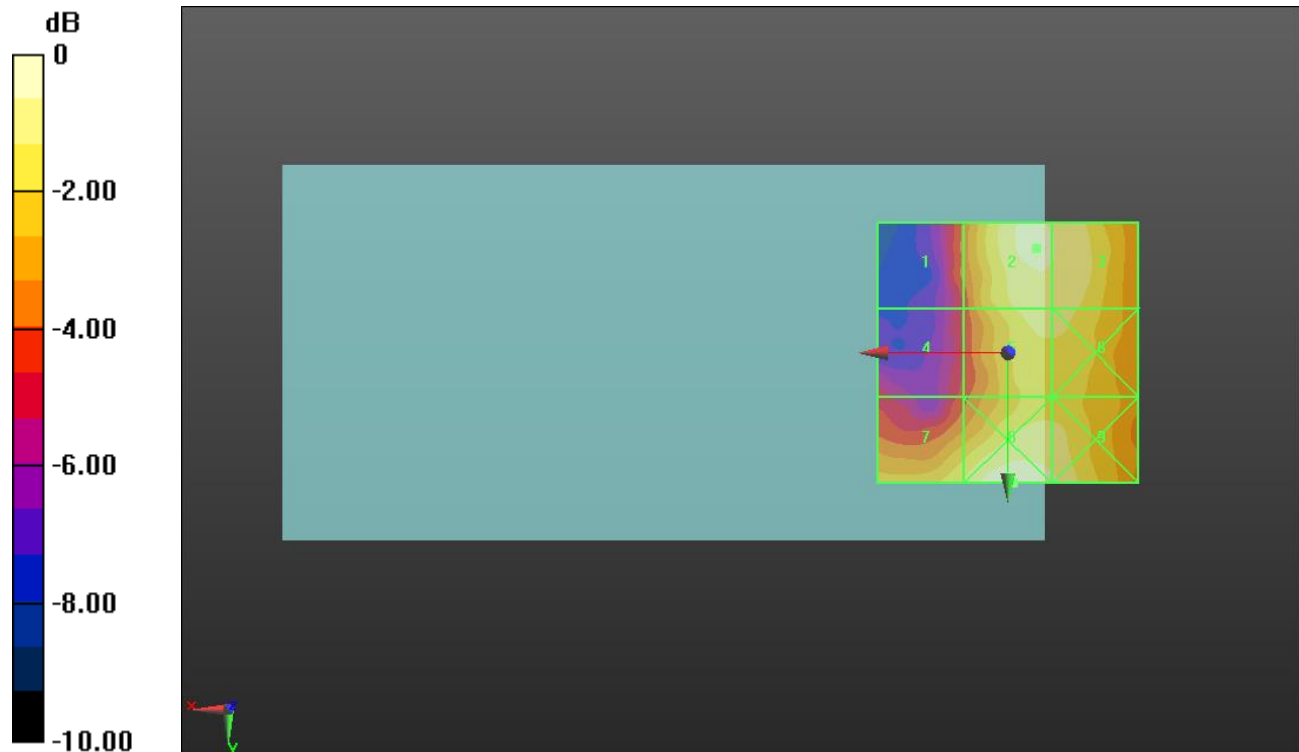
Applied MIF = 3.26 dB

RF audio interference level = 21.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.46 dBV/m	Grid 2 M4 21.81 dBV/m	Grid 3 M4 21.54 dBV/m
Grid 4 M4 17.9 dBV/m	Grid 5 M4 21.24 dBV/m	Grid 6 M4 21.21 dBV/m
Grid 7 M4 20.93 dBV/m	Grid 8 M4 22.16 dBV/m	Grid 9 M4 21.72 dBV/m



0 dB = 12.83 V/m = 22.16 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.84 V/m; Power Drift = -0.04 dB

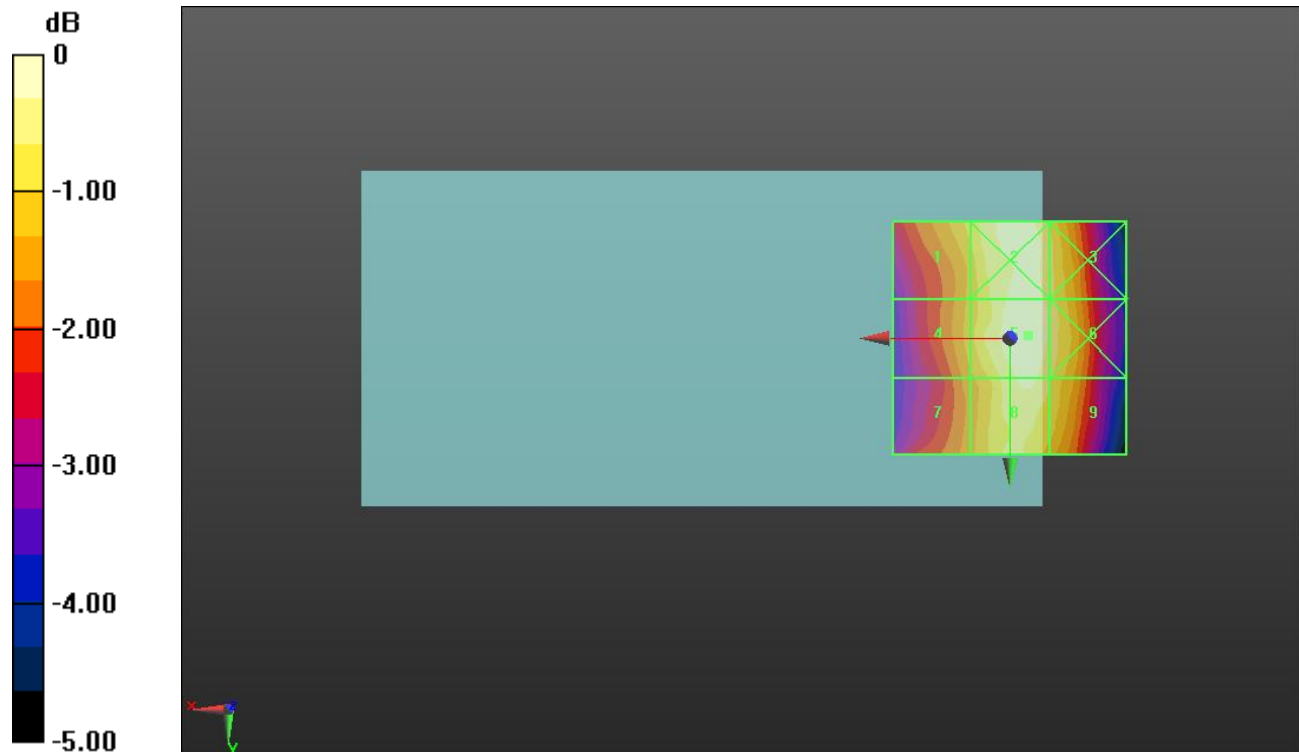
Applied MIF = 3.26 dB

RF audio interference level = 25.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.35 dBV/m	Grid 2 M4 25.08 dBV/m	Grid 3 M4 24.72 dBV/m
Grid 4 M4 24.09 dBV/m	Grid 5 M4 25.21 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 23.79 dBV/m	Grid 8 M4 24.95 dBV/m	Grid 9 M4 24.61 dBV/m



0 dB = 18.22 V/m = 25.21 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.95 V/m; Power Drift = -0.03 dB

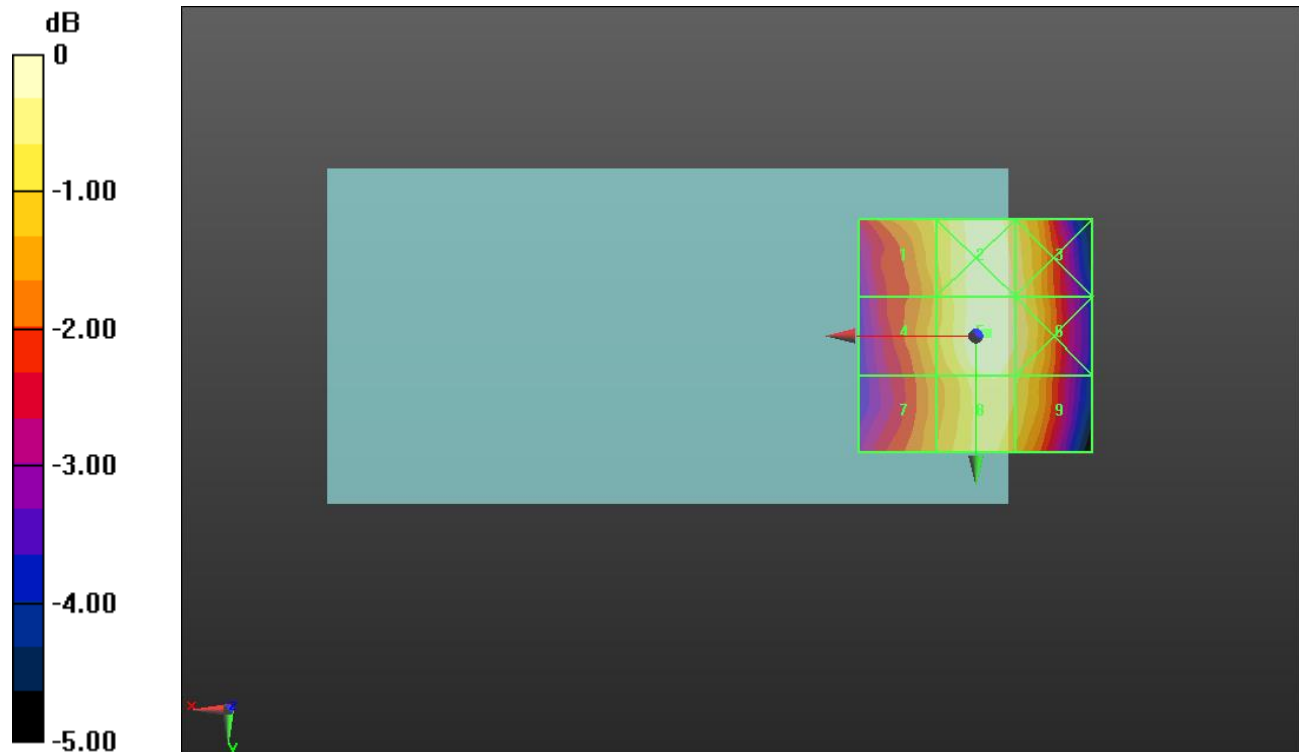
Applied MIF = 3.26 dB

RF audio interference level = 25.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.21 dBV/m	Grid 2 M4 25.07 dBV/m	Grid 3 M4 24.75 dBV/m
Grid 4 M4 24.05 dBV/m	Grid 5 M4 25.11 dBV/m	Grid 6 M4 24.82 dBV/m
Grid 7 M4 23.77 dBV/m	Grid 8 M4 24.81 dBV/m	Grid 9 M4 24.53 dBV/m



0 dB = 18.02 V/m = 25.12 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.15 V/m; Power Drift = -0.01 dB

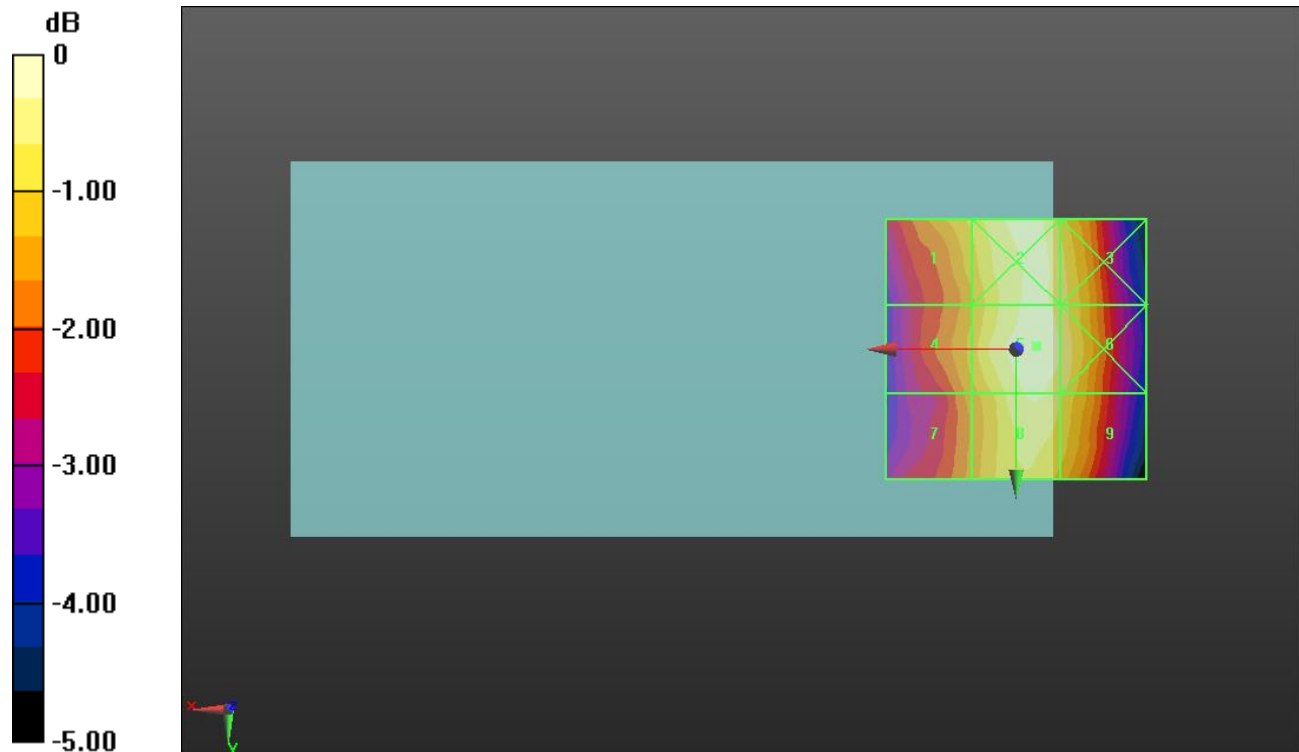
Applied MIF = 3.26 dB

RF audio interference level = 25.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.49 dBV/m	Grid 2 M4 25.17 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 24.19 dBV/m	Grid 5 M4 25.38 dBV/m	Grid 6 M4 25.02 dBV/m
Grid 7 M4 23.91 dBV/m	Grid 8 M4 25.09 dBV/m	Grid 9 M4 24.77 dBV/m



0 dB = 18.58 V/m = 25.38 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.58 V/m; Power Drift = -0.06 dB

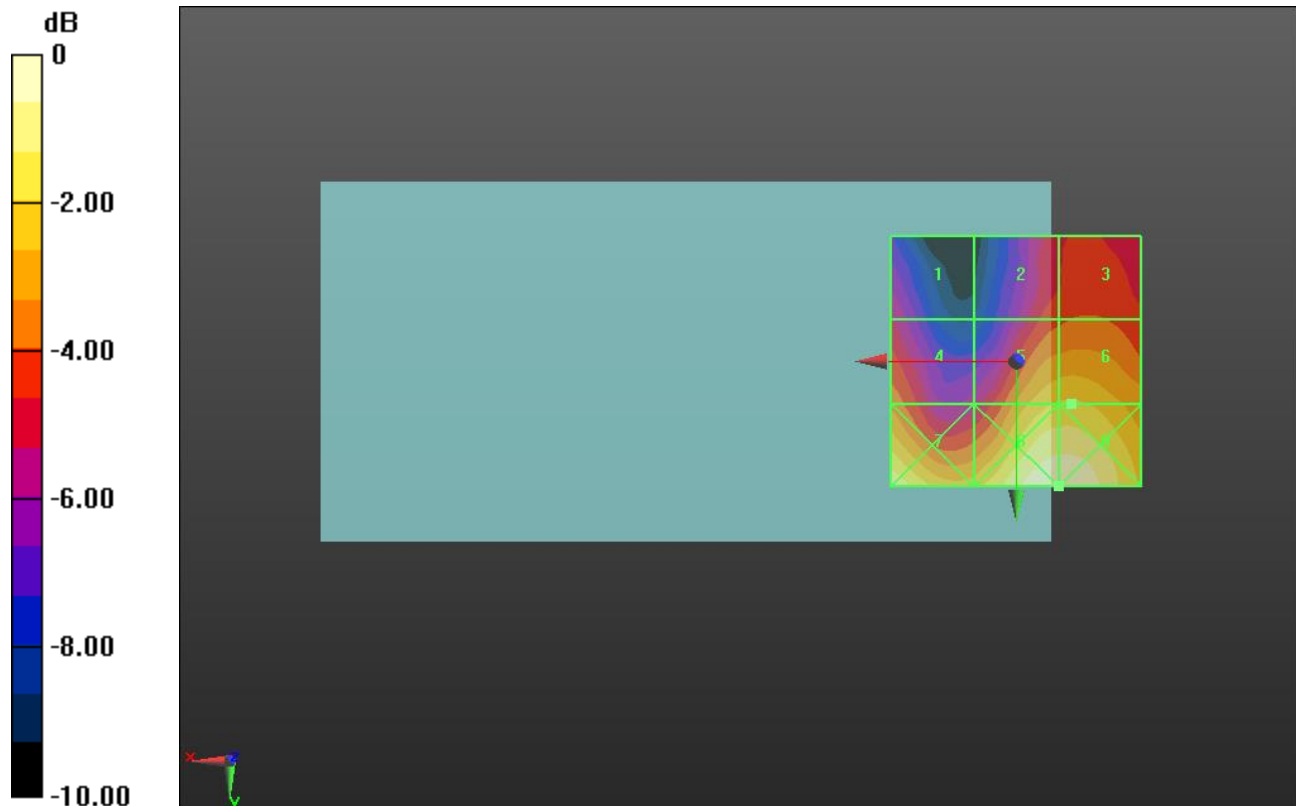
Applied MIF = -1.44 dB

RF audio interference level = 20.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.62 dBV/m	Grid 2 M4 17.73 dBV/m	Grid 3 M4 17.94 dBV/m
Grid 4 M4 18.42 dBV/m	Grid 5 M4 19.95 dBV/m	Grid 6 M4 20.01 dBV/m
Grid 7 M4 21.25 dBV/m	Grid 8 M4 21.87 dBV/m	Grid 9 M4 21.87 dBV/m



0 dB = 12.40 V/m = 21.87 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.27 V/m; Power Drift = -0.13 dB

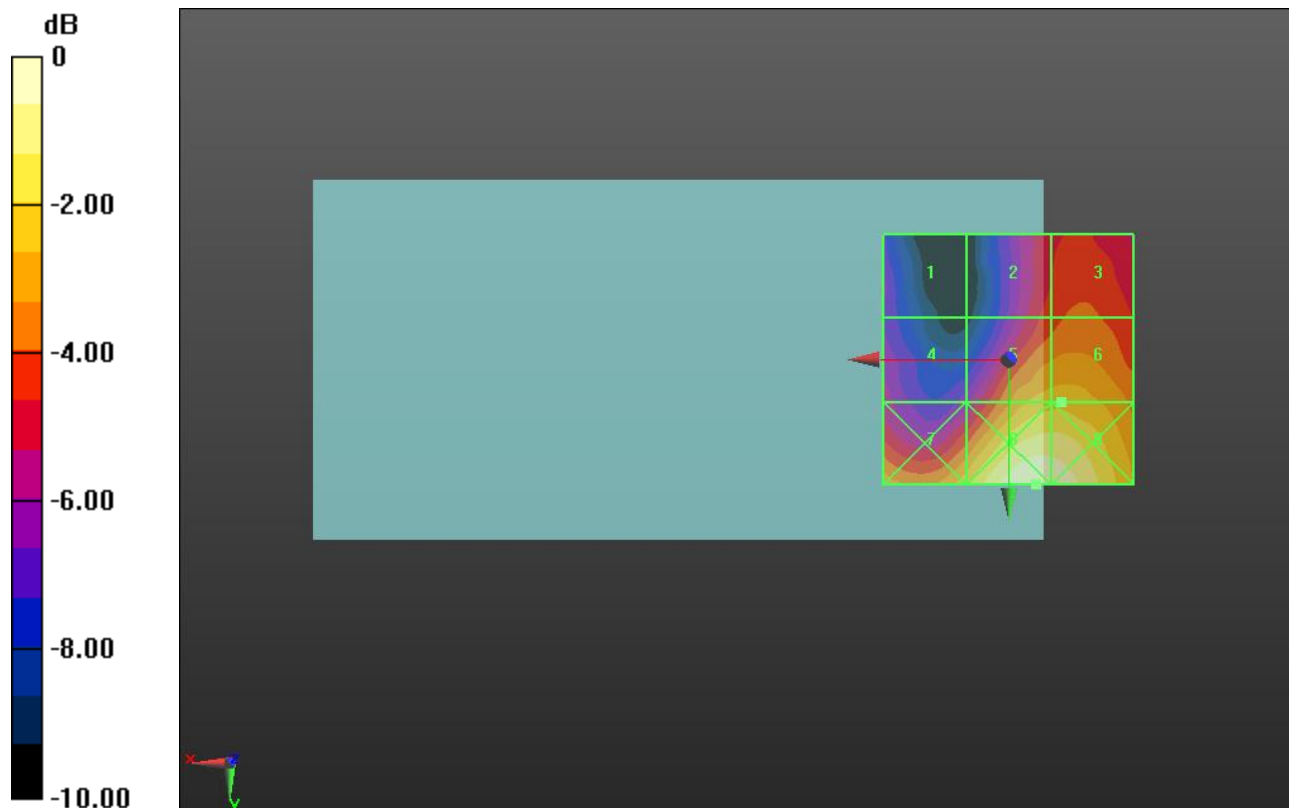
Applied MIF = -1.44 dB

RF audio interference level = 19.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.66 dBV/m	Grid 2 M4 17.83 dBV/m	Grid 3 M4 18.26 dBV/m
Grid 4 M4 16.51 dBV/m	Grid 5 M4 19.86 dBV/m	Grid 6 M4 19.89 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 22.09 dBV/m	Grid 9 M4 22 dBV/m



0 dB = 12.73 V/m = 22.10 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.15 V/m; Power Drift = 0.01 dB

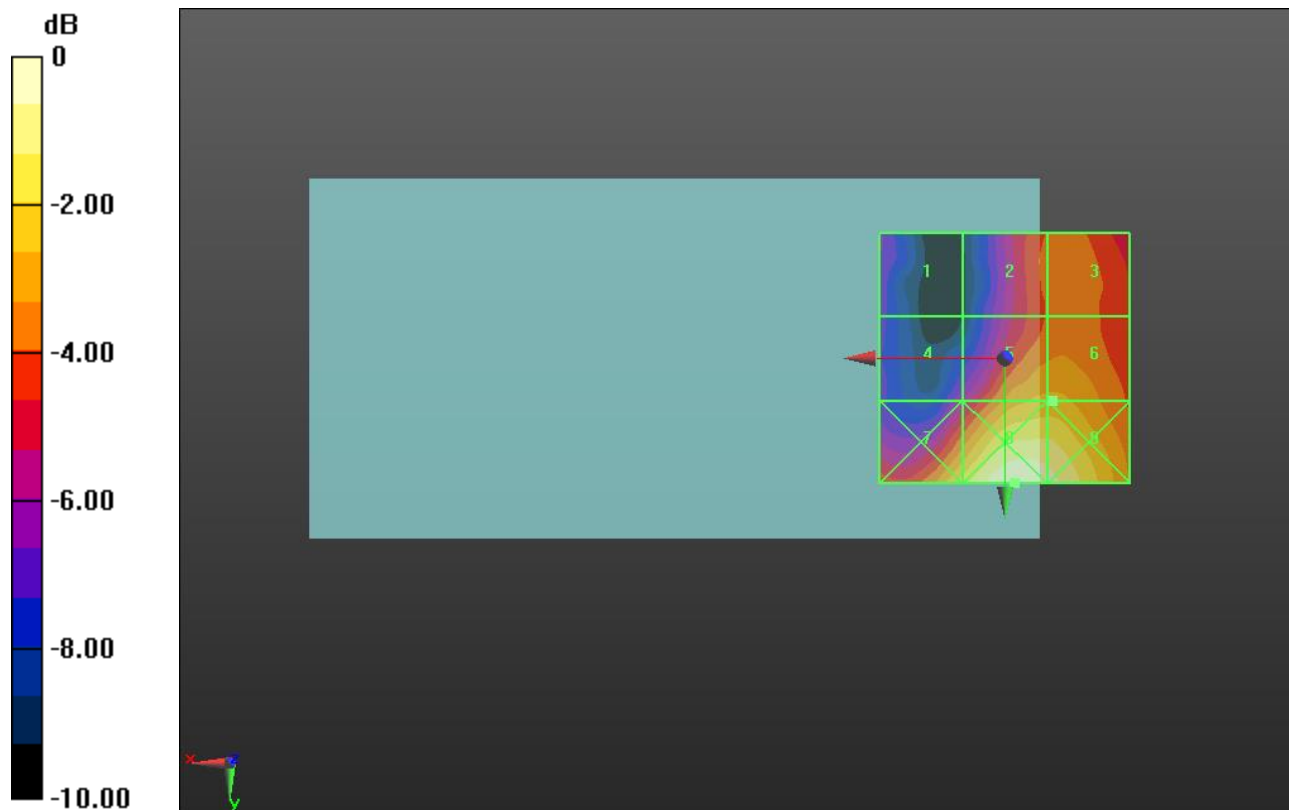
Applied MIF = -1.44 dB

RF audio interference level = 19.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.1 dBV/m	Grid 2 M4 17.73 dBV/m	Grid 3 M4 17.96 dBV/m
Grid 4 M4 15.62 dBV/m	Grid 5 M4 19.09 dBV/m	Grid 6 M4 19.11 dBV/m
Grid 7 M4 19.86 dBV/m	Grid 8 M4 21.53 dBV/m	Grid 9 M4 21.17 dBV/m



0 dB = 11.92 V/m = 21.53 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 = 10.13 V/m; Power Drift = -0.08 dB

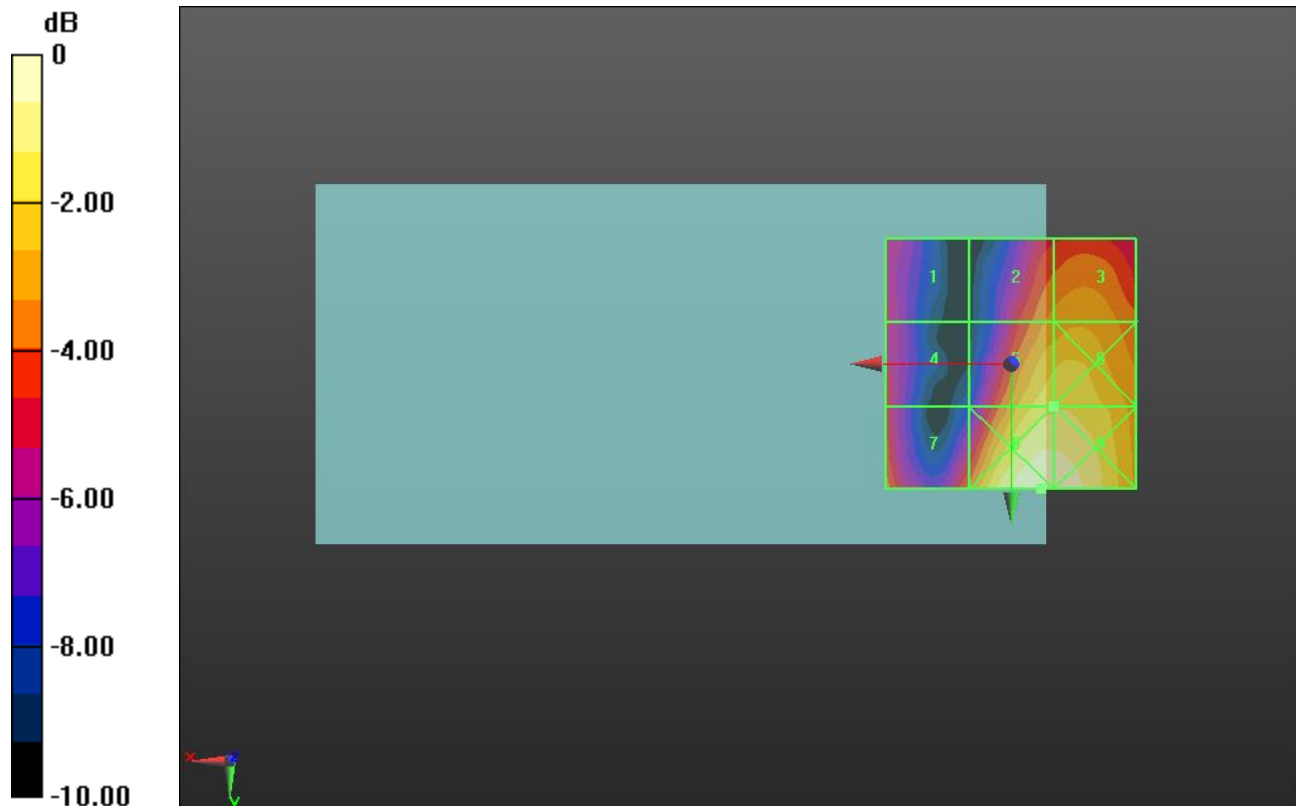
Applied MIF = -1.44 dB

RF audio interference level = 19.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.51 dBV/m	Grid 2 M4 17.57 dBV/m	Grid 3 M4 17.89 dBV/m
Grid 4 M4 15.86 dBV/m	Grid 5 M4 19.18 dBV/m	Grid 6 M4 19.24 dBV/m
Grid 7 M4 17.13 dBV/m	Grid 8 M4 20.63 dBV/m	Grid 9 M4 20.49 dBV/m



0 dB = 10.75 V/m = 20.63 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: 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 = 6.273 V/m; Power Drift = -0.20 dB

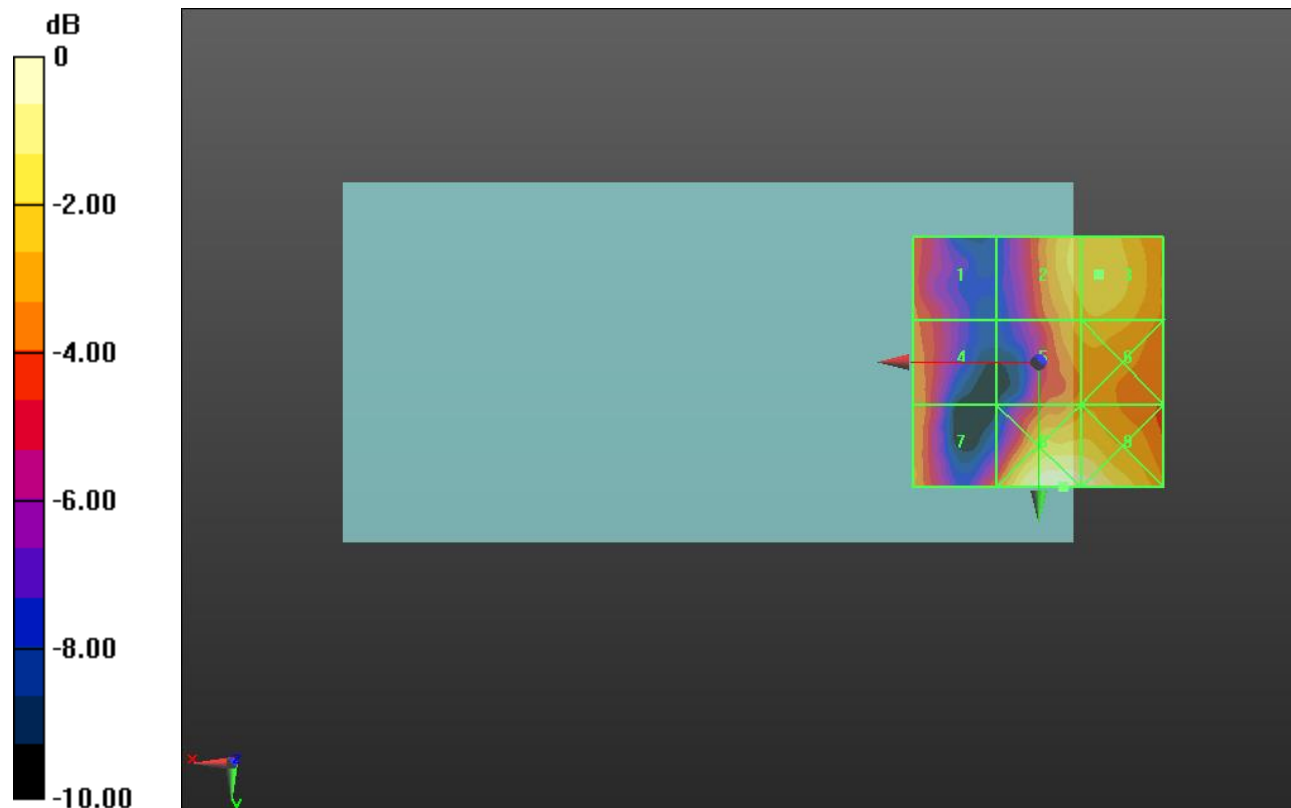
Applied MIF = -1.44 dB

RF audio interference level = 16.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.85 dBV/m	Grid 2 M4 15.96 dBV/m	Grid 3 M4 16.15 dBV/m
Grid 4 M4 14.07 dBV/m	Grid 5 M4 15.3 dBV/m	Grid 6 M4 15.54 dBV/m
Grid 7 M4 14.56 dBV/m	Grid 8 M4 17.6 dBV/m	Grid 9 M4 17.47 dBV/m



0 dB = 7.589 V/m = 17.60 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.28 V/m; Power Drift = 0.02 dB

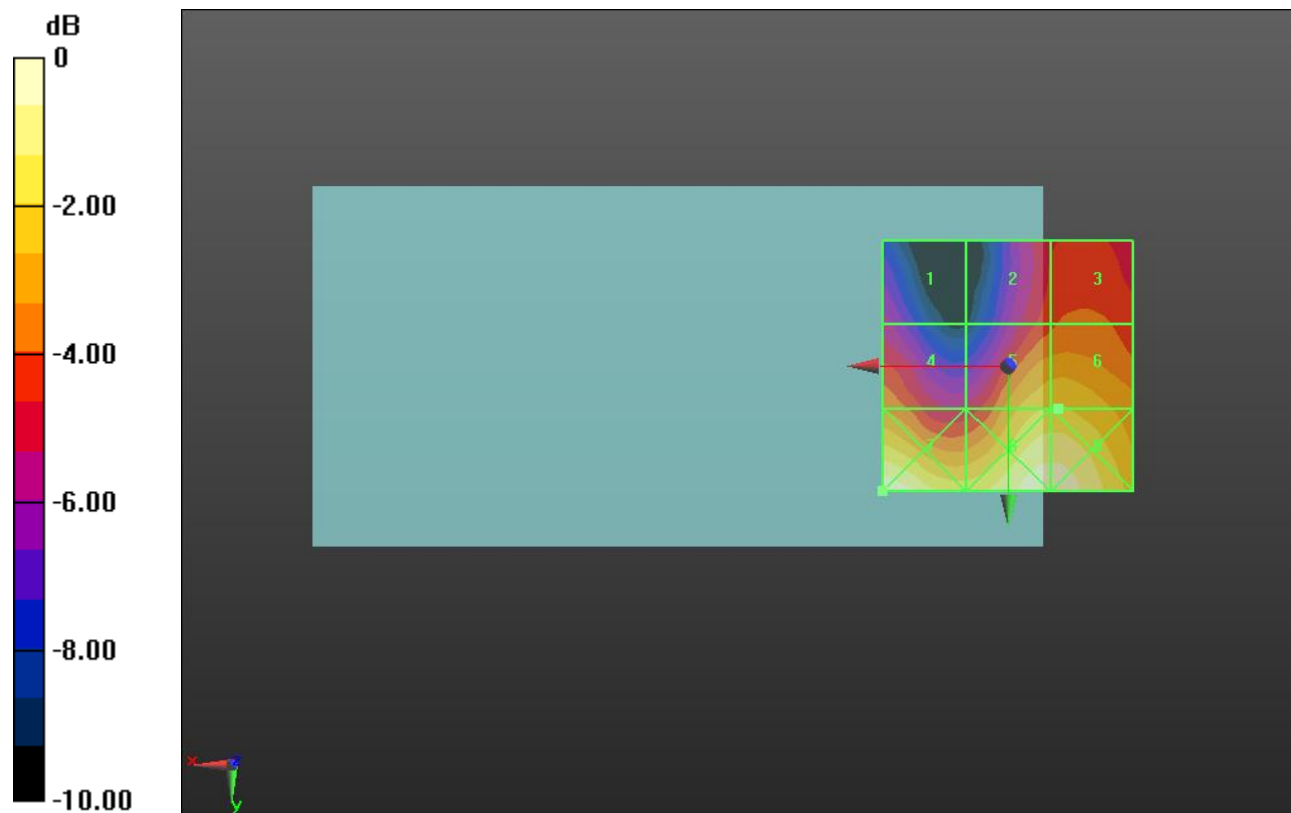
Applied MIF = -1.44 dB

RF audio interference level = 21.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.33 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 19.14 dBV/m
Grid 4 M4 19.64 dBV/m	Grid 5 M4 21.02 dBV/m	Grid 6 M4 21.04 dBV/m
Grid 7 M4 22.95 dBV/m	Grid 8 M4 22.81 dBV/m	Grid 9 M4 22.81 dBV/m



0 dB = 14.05 V/m = 22.95 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.72 V/m; Power Drift = 0.00 dB

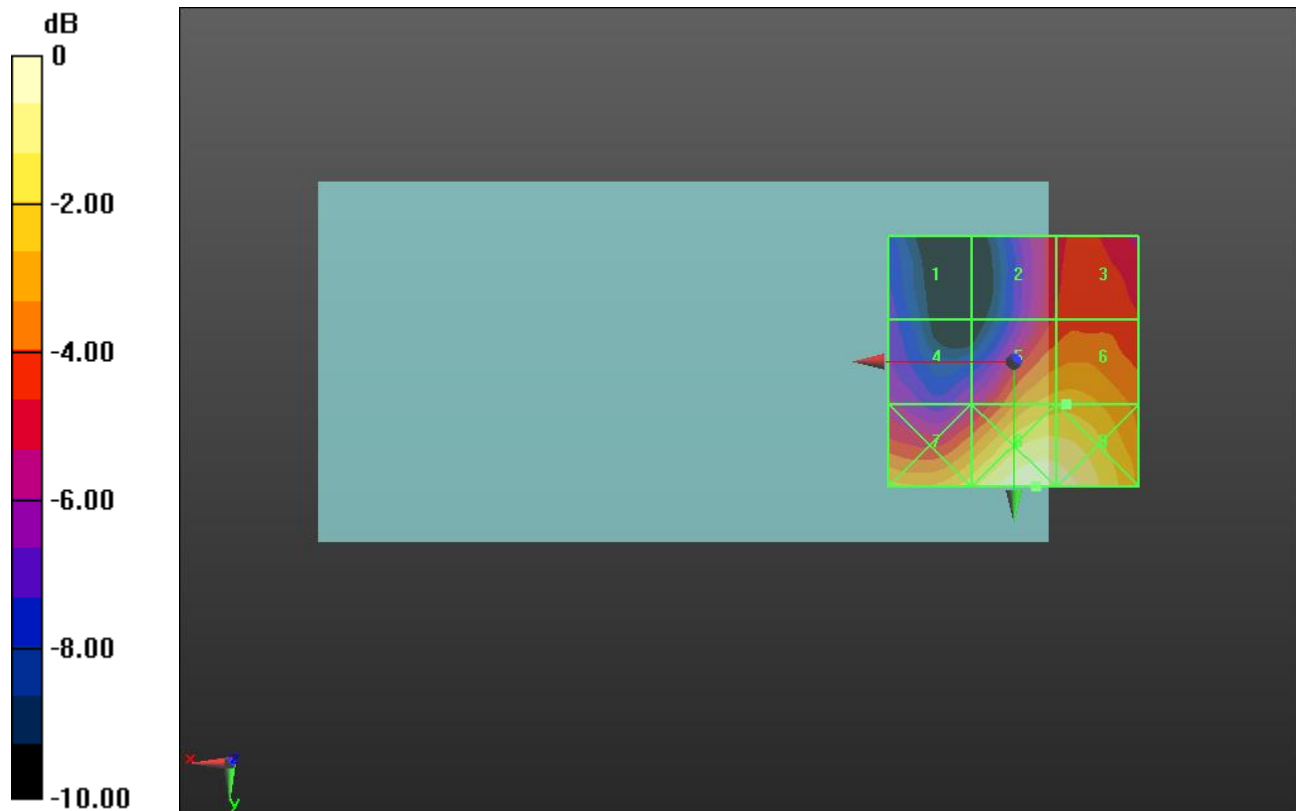
Applied MIF = -1.44 dB

RF audio interference level = 21.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.29 dBV/m	Grid 2 M4 18.74 dBV/m	Grid 3 M4 19.17 dBV/m
Grid 4 M4 17.55 dBV/m	Grid 5 M4 20.96 dBV/m	Grid 6 M4 21.01 dBV/m
Grid 7 M4 21.69 dBV/m	Grid 8 M4 23.23 dBV/m	Grid 9 M4 23.03 dBV/m



0 dB = 14.51 V/m = 23.23 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 = 11.22 V/m; Power Drift = 0.03 dB

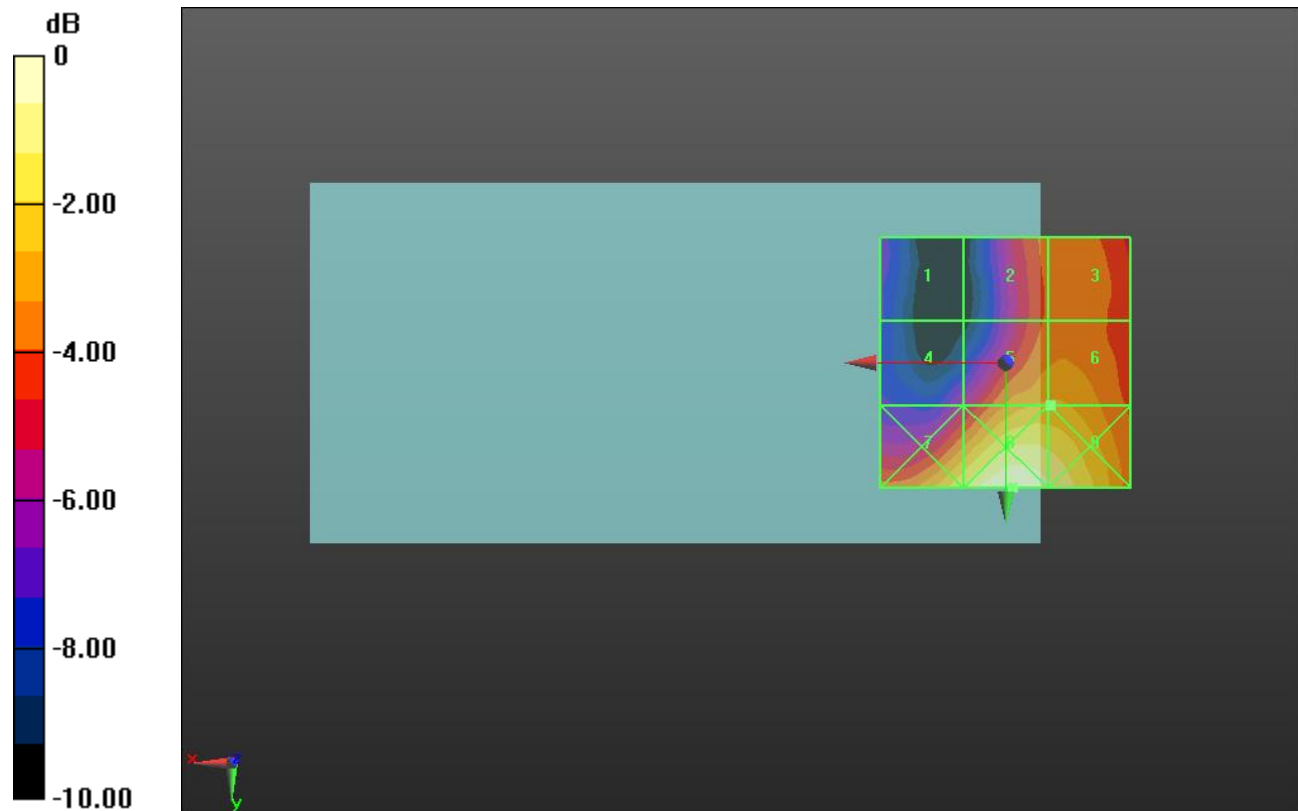
Applied MIF = -1.44 dB

RF audio interference level = 20.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.78 dBV/m	Grid 2 M4 18.87 dBV/m	Grid 3 M4 19.17 dBV/m
Grid 4 M4 16.96 dBV/m	Grid 5 M4 20.11 dBV/m	Grid 6 M4 20.11 dBV/m
Grid 7 M4 21.33 dBV/m	Grid 8 M4 22.63 dBV/m	Grid 9 M4 22.13 dBV/m



0 dB = 13.54 V/m = 22.63 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.45 V/m; Power Drift = -0.09 dB

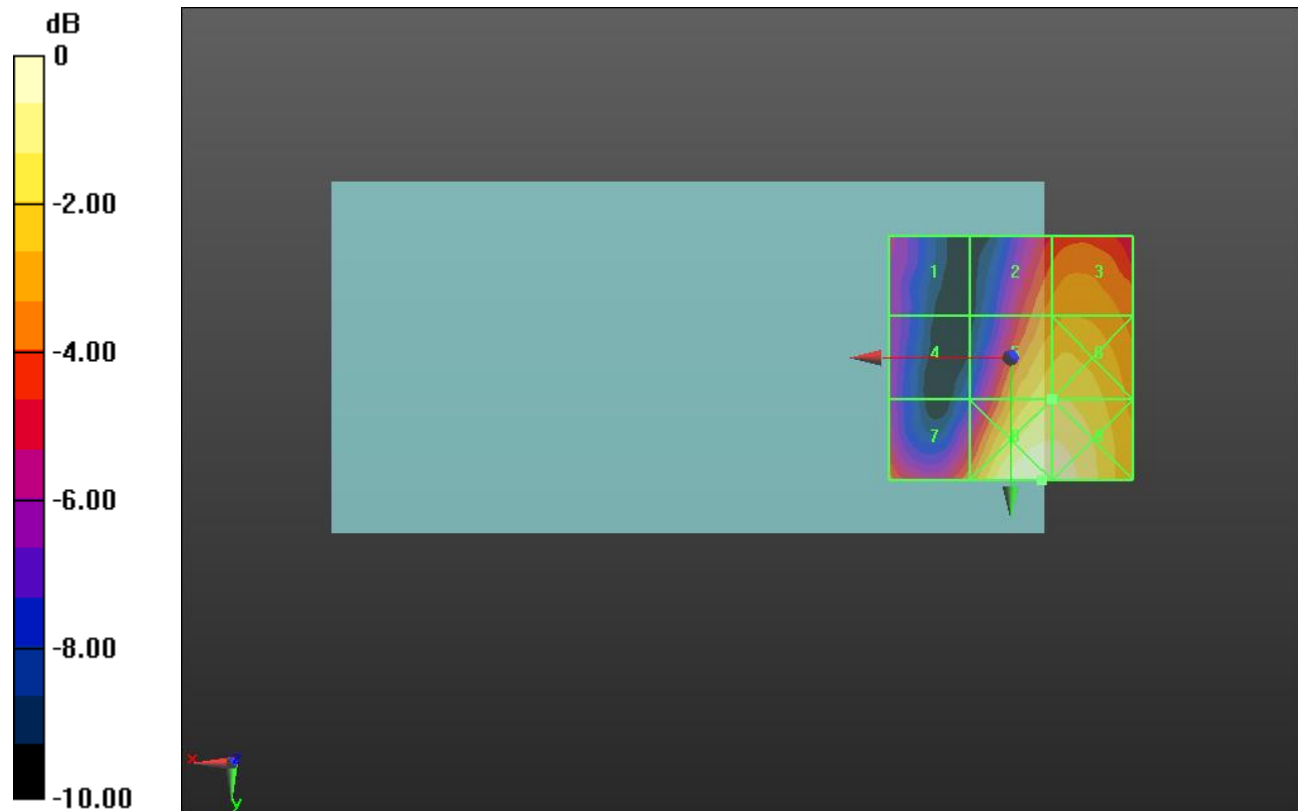
Applied MIF = -1.44 dB

RF audio interference level = 20.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.07 dBV/m	Grid 2 M4 18.85 dBV/m	Grid 3 M4 19.16 dBV/m
Grid 4 M4 15.99 dBV/m	Grid 5 M4 20.39 dBV/m	Grid 6 M4 20.48 dBV/m
Grid 7 M4 18.42 dBV/m	Grid 8 M4 21.78 dBV/m	Grid 9 M4 21.73 dBV/m



0 dB = 12.28 V/m = 21.78 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 = 7.030 V/m; Power Drift = -0.15 dB

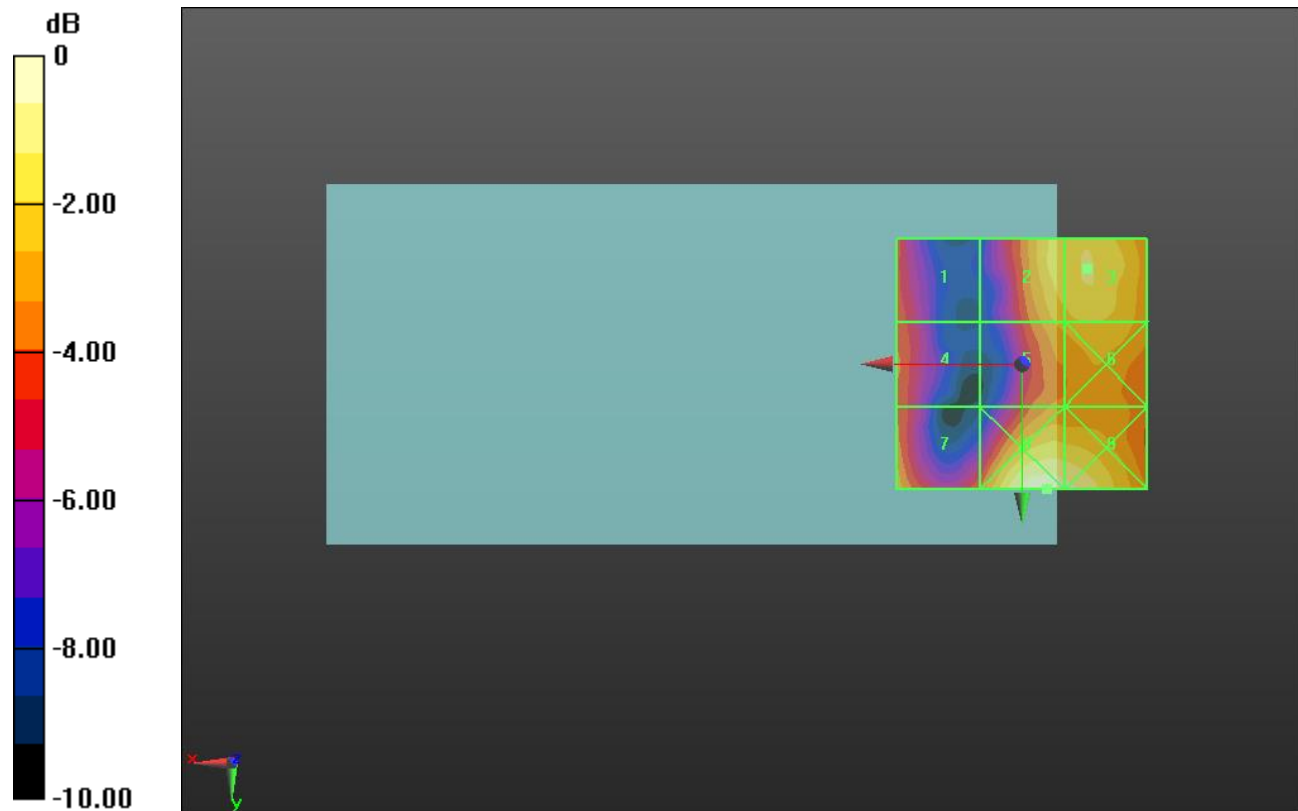
Applied MIF = -1.44 dB

RF audio interference level = 17.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.45 dBV/m	Grid 2 M4 17.14 dBV/m	Grid 3 M4 17.36 dBV/m
Grid 4 M4 14.87 dBV/m	Grid 5 M4 16.33 dBV/m	Grid 6 M4 16.68 dBV/m
Grid 7 M4 15.9 dBV/m	Grid 8 M4 18.66 dBV/m	Grid 9 M4 18.32 dBV/m



0 dB = 8.571 V/m = 18.66 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 = 114.7 V/m; Power Drift = -0.10 dB

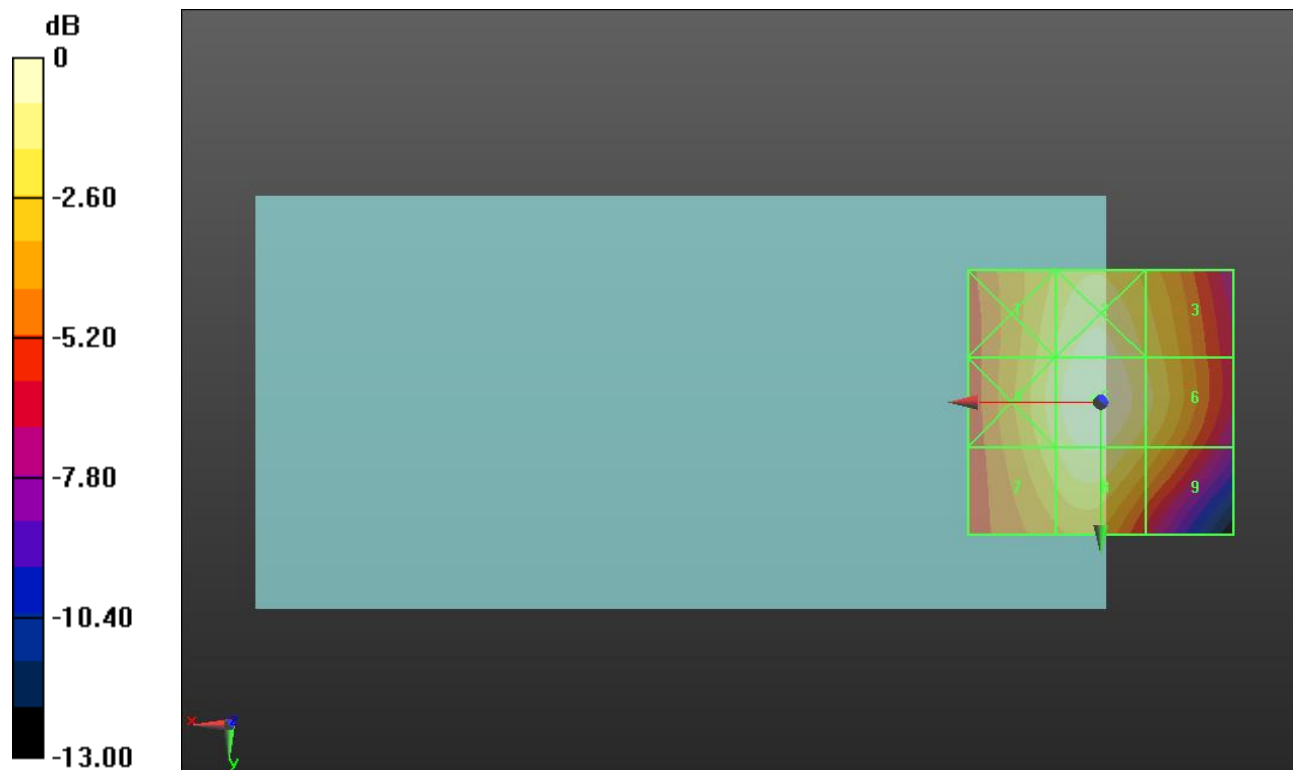
Applied MIF = 3.63 dB

RF audio interference level = 39.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.82 dBV/m	Grid 2 M4 38.97 dBV/m	Grid 3 M4 37.6 dBV/m
Grid 4 M4 38.23 dBV/m	Grid 5 M4 39.41 dBV/m	Grid 6 M4 38 dBV/m
Grid 7 M4 37.63 dBV/m	Grid 8 M4 38.69 dBV/m	Grid 9 M4 36.93 dBV/m



0 dB = 93.45 V/m = 39.41 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 = 121.9 V/m; Power Drift = -0.02 dB

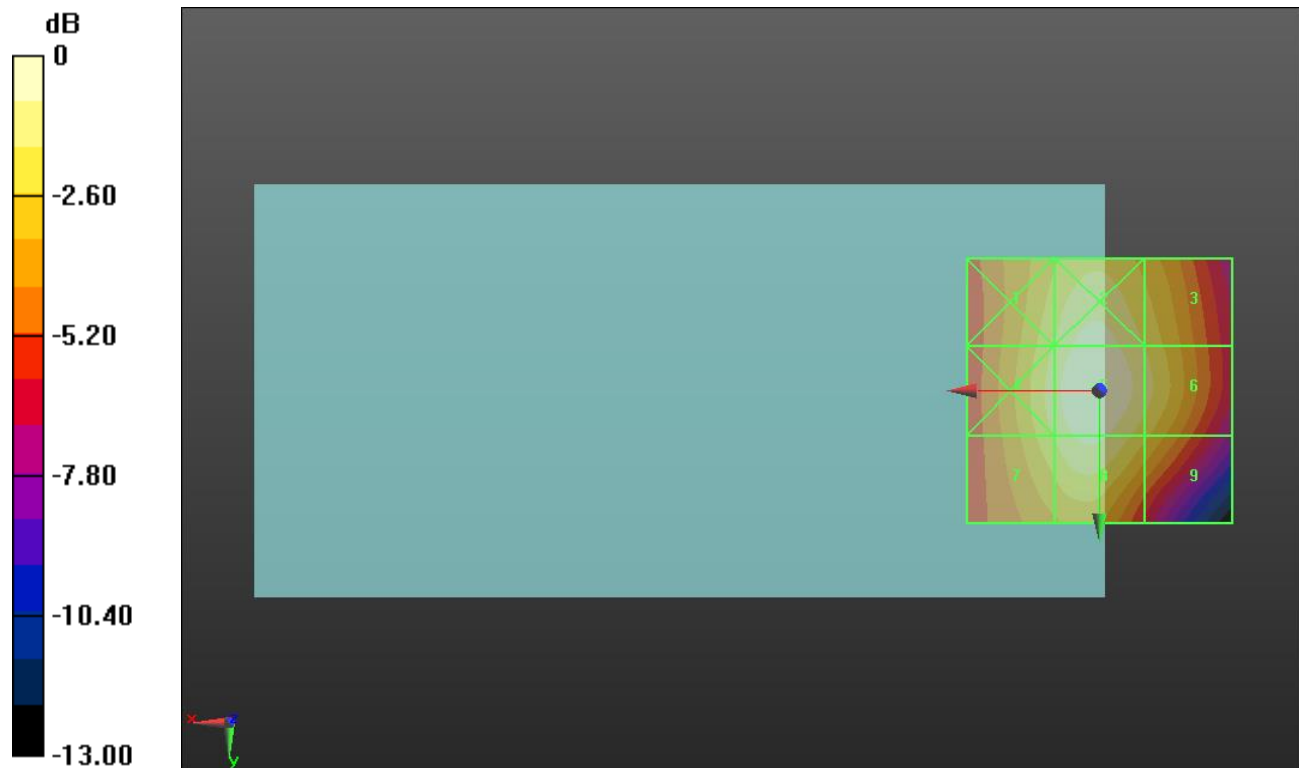
Applied MIF = 3.63 dB

RF audio interference level = 39.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 38.22 dBV/m	Grid 2 M4 39.45 dBV/m	Grid 3 M4 38.11 dBV/m
Grid 4 M4 38.71 dBV/m	Grid 5 M4 39.91 dBV/m	Grid 6 M4 38.59 dBV/m
Grid 7 M4 38.21 dBV/m	Grid 8 M4 39.27 dBV/m	Grid 9 M4 37.55 dBV/m



0 dB = 98.93 V/m = 39.91 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 = 118.3 V/m; Power Drift = -0.03 dB

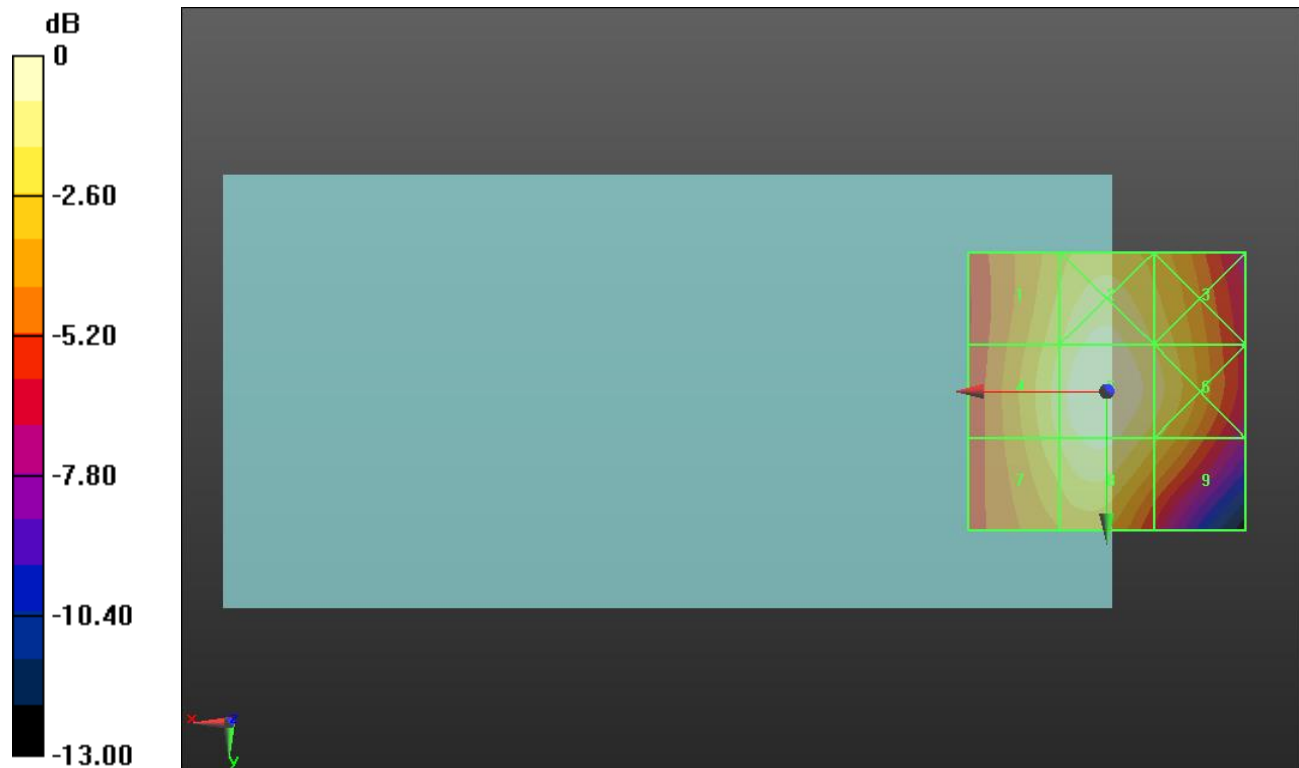
Applied MIF = 3.63 dB

RF audio interference level = 39.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.82 dBV/m	Grid 2 M4 39.07 dBV/m	Grid 3 M4 37.87 dBV/m
Grid 4 M4 38.37 dBV/m	Grid 5 M4 39.63 dBV/m	Grid 6 M4 38.35 dBV/m
Grid 7 M4 37.97 dBV/m	Grid 8 M4 39.02 dBV/m	Grid 9 M4 37.35 dBV/m



0 dB = 95.82 V/m = 39.63 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 = 17.31 V/m; Power Drift = -0.04 dB

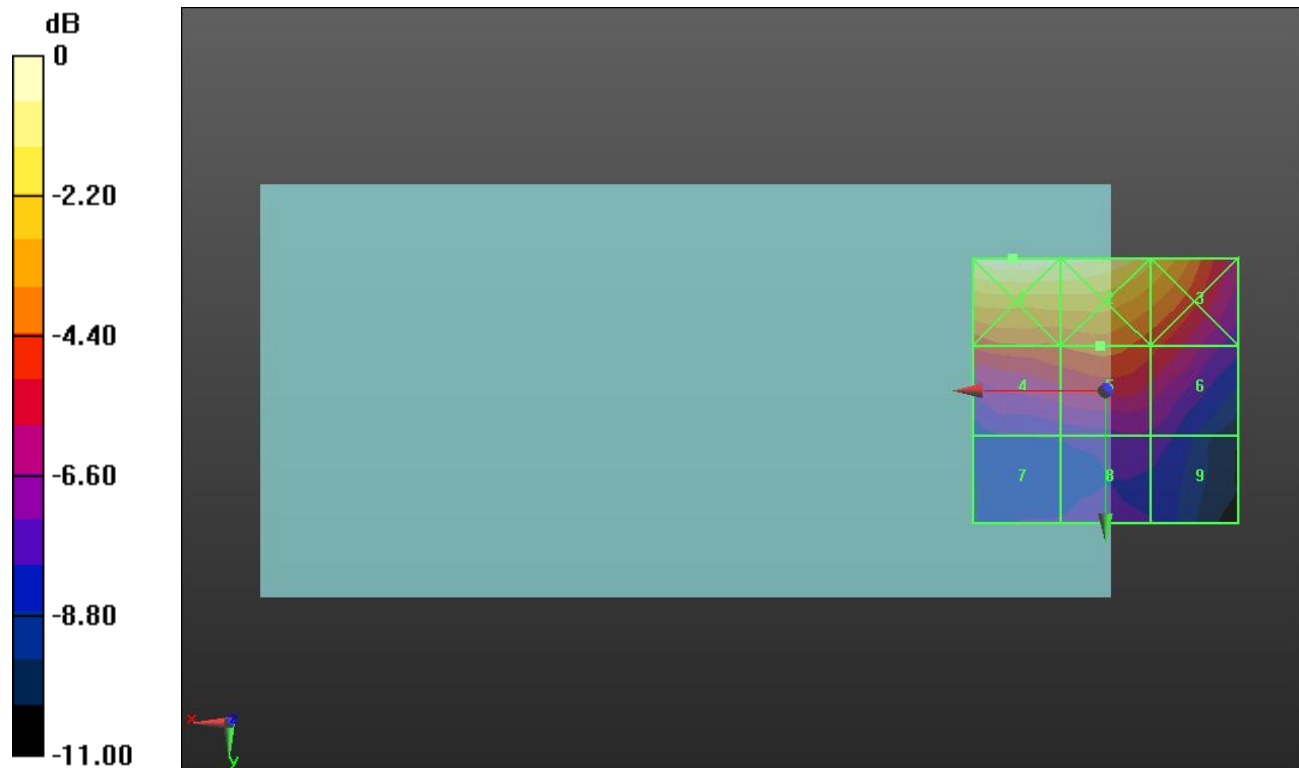
Applied MIF = 3.63 dB

RF audio interference level = 27.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.6 dBV/m	Grid 2 M3 31.26 dBV/m	Grid 3 M4 29.68 dBV/m
Grid 4 M4 27.24 dBV/m	Grid 5 M4 27.56 dBV/m	Grid 6 M4 26.78 dBV/m
Grid 7 M4 23.73 dBV/m	Grid 8 M4 24.29 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 38.02 V/m = 31.60 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 = 18.08 V/m; Power Drift = -0.02 dB

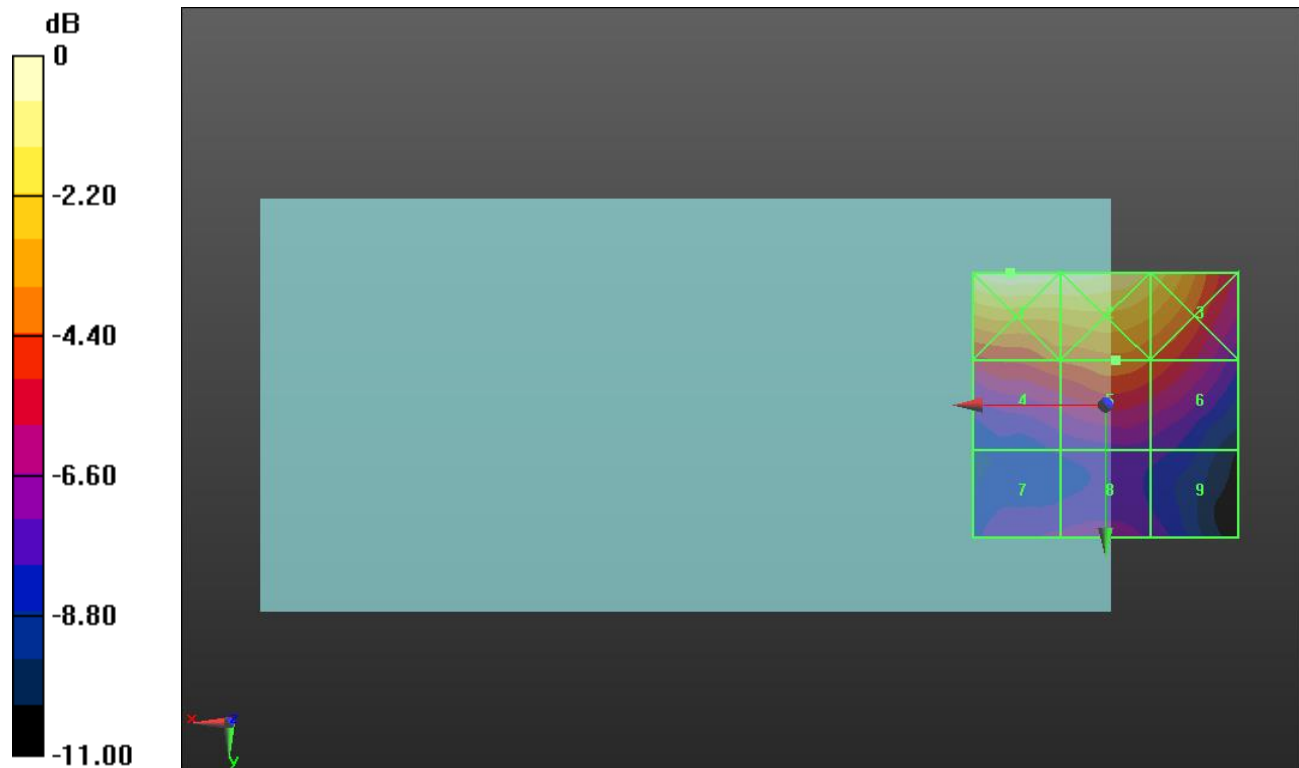
Applied MIF = 3.63 dB

RF audio interference level = 27.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.79 dBV/m	Grid 2 M3 31.57 dBV/m	Grid 3 M3 30.25 dBV/m
Grid 4 M4 27.54 dBV/m	Grid 5 M4 27.92 dBV/m	Grid 6 M4 27.41 dBV/m
Grid 7 M4 24.76 dBV/m	Grid 8 M4 25 dBV/m	Grid 9 M4 24.4 dBV/m



0 dB = 38.86 V/m = 31.79 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 = 18.19 V/m; Power Drift = -0.08 dB

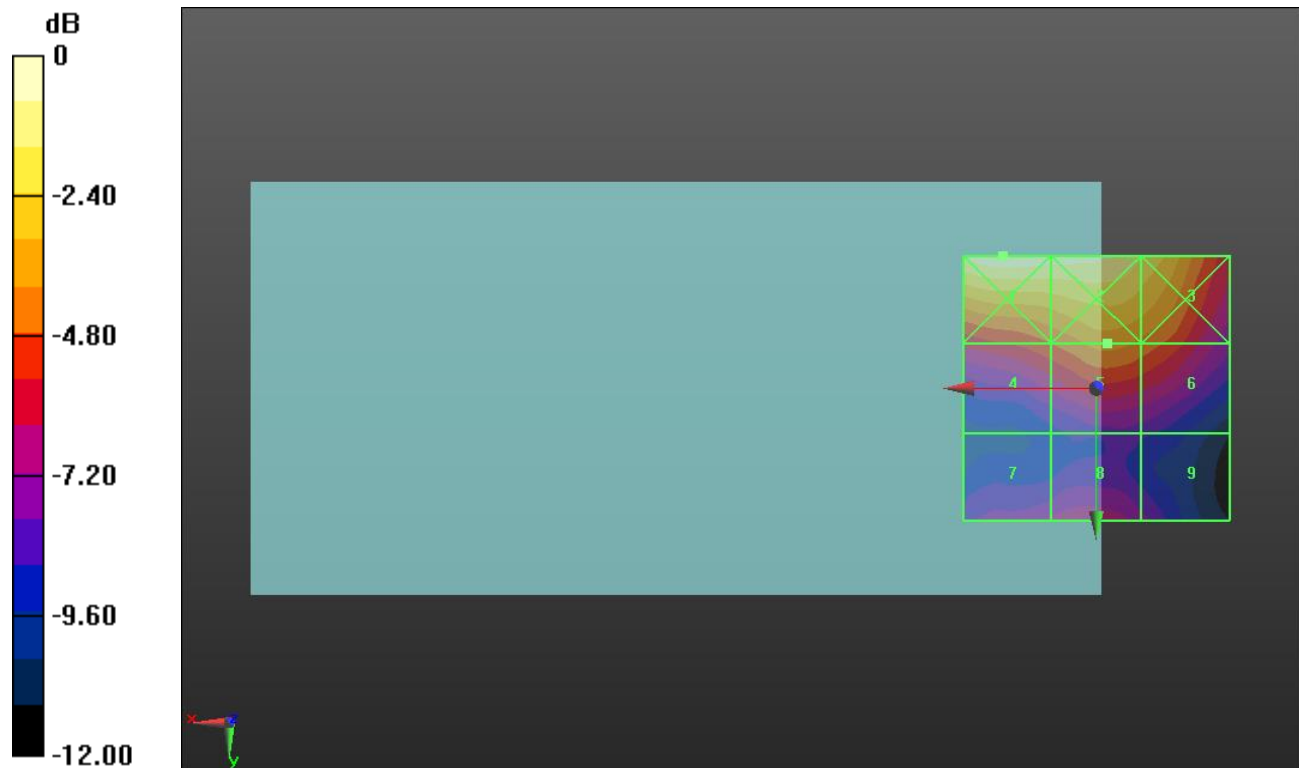
Applied MIF = 3.63 dB

RF audio interference level = 28.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.84 dBV/m	Grid 2 M3 31.58 dBV/m	Grid 3 M3 30.34 dBV/m
Grid 4 M4 27.06 dBV/m	Grid 5 M4 28.15 dBV/m	Grid 6 M4 27.63 dBV/m
Grid 7 M4 24.85 dBV/m	Grid 8 M4 25.3 dBV/m	Grid 9 M4 24.23 dBV/m



0 dB = 39.07 V/m = 31.84 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 62.15 V/m; Power Drift = -0.06 dB

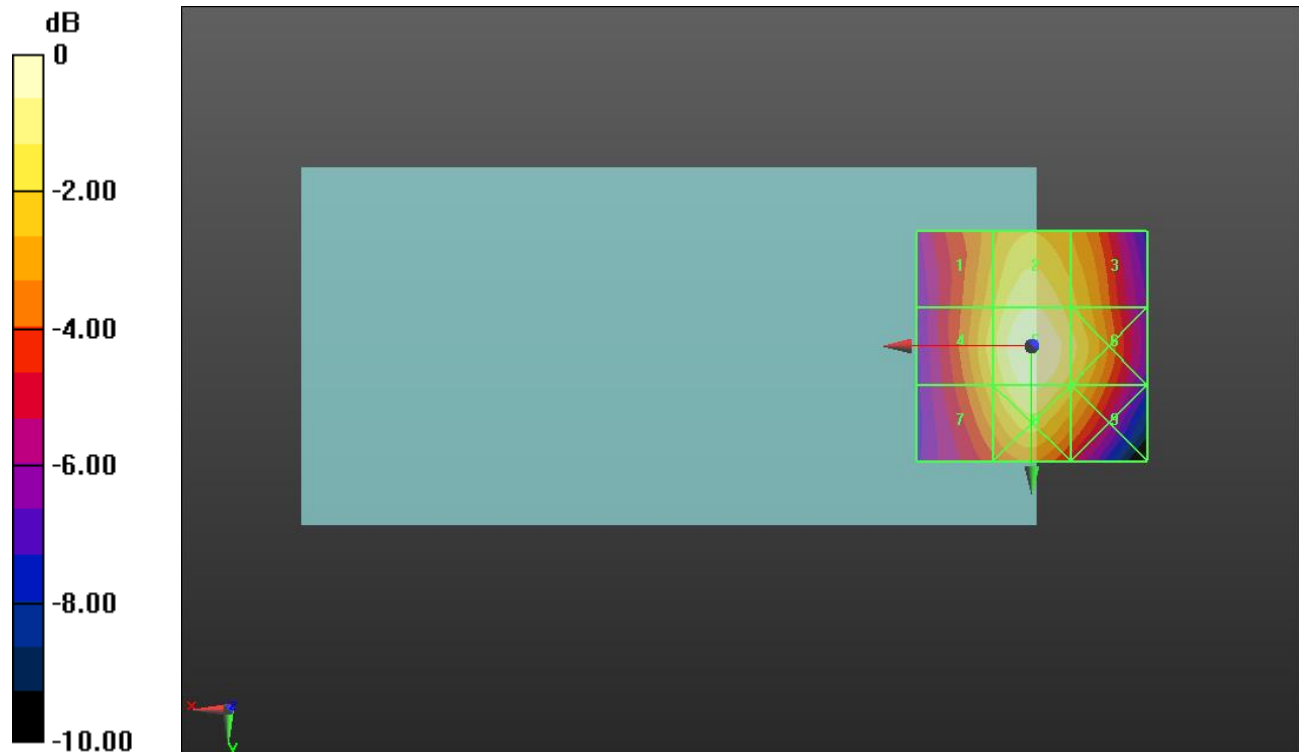
Applied MIF = 3.26 dB

RF audio interference level = 33.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.27 dBV/m	Grid 2 M4 32.7 dBV/m	Grid 3 M4 31.66 dBV/m
Grid 4 M4 31.8 dBV/m	Grid 5 M4 33.33 dBV/m	Grid 6 M4 32.27 dBV/m
Grid 7 M4 31.23 dBV/m	Grid 8 M4 32.81 dBV/m	Grid 9 M4 31.62 dBV/m



0 dB = 46.42 V/m = 33.33 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 63.44 V/m; Power Drift = -0.04 dB

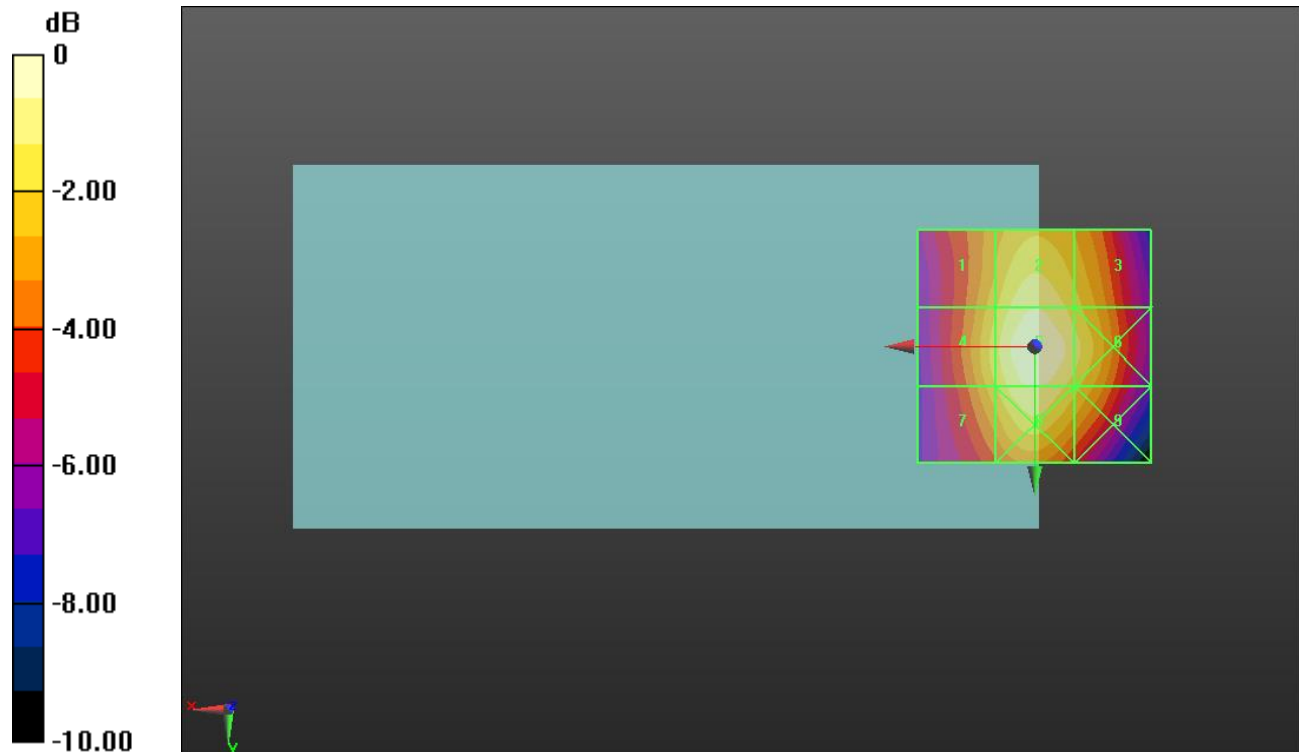
Applied MIF = 3.26 dB

RF audio interference level = 33.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.46 dBV/m	Grid 2 M4 32.89 dBV/m	Grid 3 M4 31.92 dBV/m
Grid 4 M4 31.98 dBV/m	Grid 5 M4 33.58 dBV/m	Grid 6 M4 32.55 dBV/m
Grid 7 M4 31.51 dBV/m	Grid 8 M4 32.99 dBV/m	Grid 9 M4 31.89 dBV/m



0 dB = 47.75 V/m = 33.58 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 62.92 V/m; Power Drift = 0.03 dB

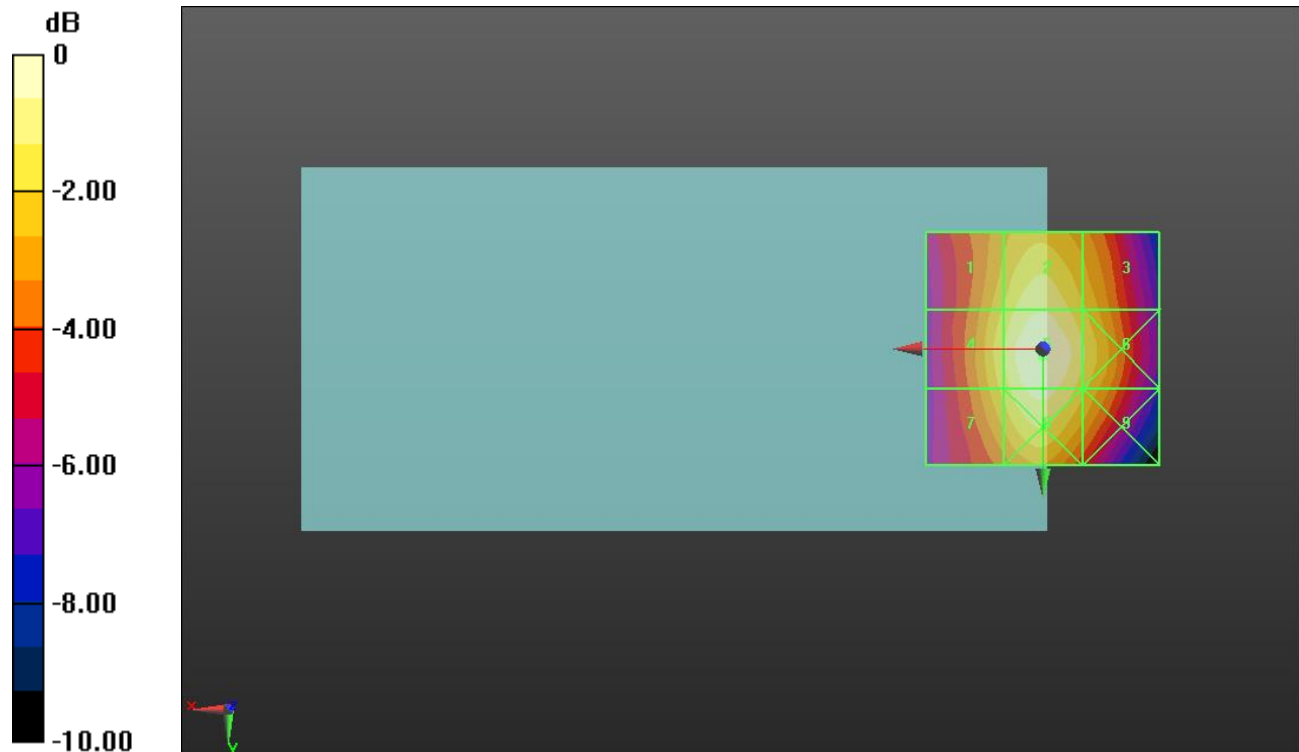
Applied MIF = 3.26 dB

RF audio interference level = 33.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.6 dBV/m	Grid 2 M4 32.83 dBV/m	Grid 3 M4 31.68 dBV/m
Grid 4 M4 32.19 dBV/m	Grid 5 M4 33.53 dBV/m	Grid 6 M4 32.33 dBV/m
Grid 7 M4 31.79 dBV/m	Grid 8 M4 33.11 dBV/m	Grid 9 M4 31.79 dBV/m



0 dB = 47.50 V/m = 33.53 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.89 V/m; Power Drift = 0.04 dB

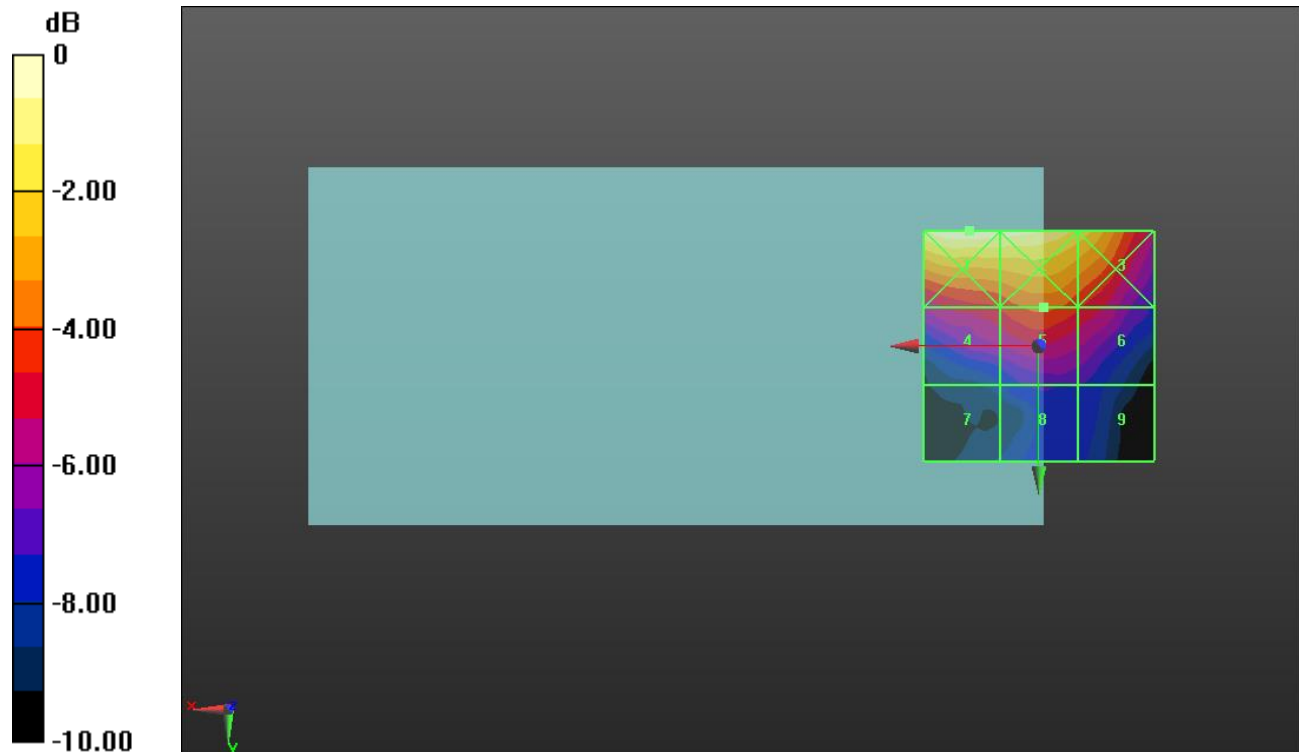
Applied MIF = 3.26 dB

RF audio interference level = 24.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.94 dBV/m	Grid 2 M4 27.66 dBV/m	Grid 3 M4 26.44 dBV/m
Grid 4 M4 23.39 dBV/m	Grid 5 M4 24.11 dBV/m	Grid 6 M4 23.42 dBV/m
Grid 7 M4 19.77 dBV/m	Grid 8 M4 20.82 dBV/m	Grid 9 M4 20.68 dBV/m



0 dB = 24.95 V/m = 27.94 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.11 V/m; Power Drift = -0.08 dB

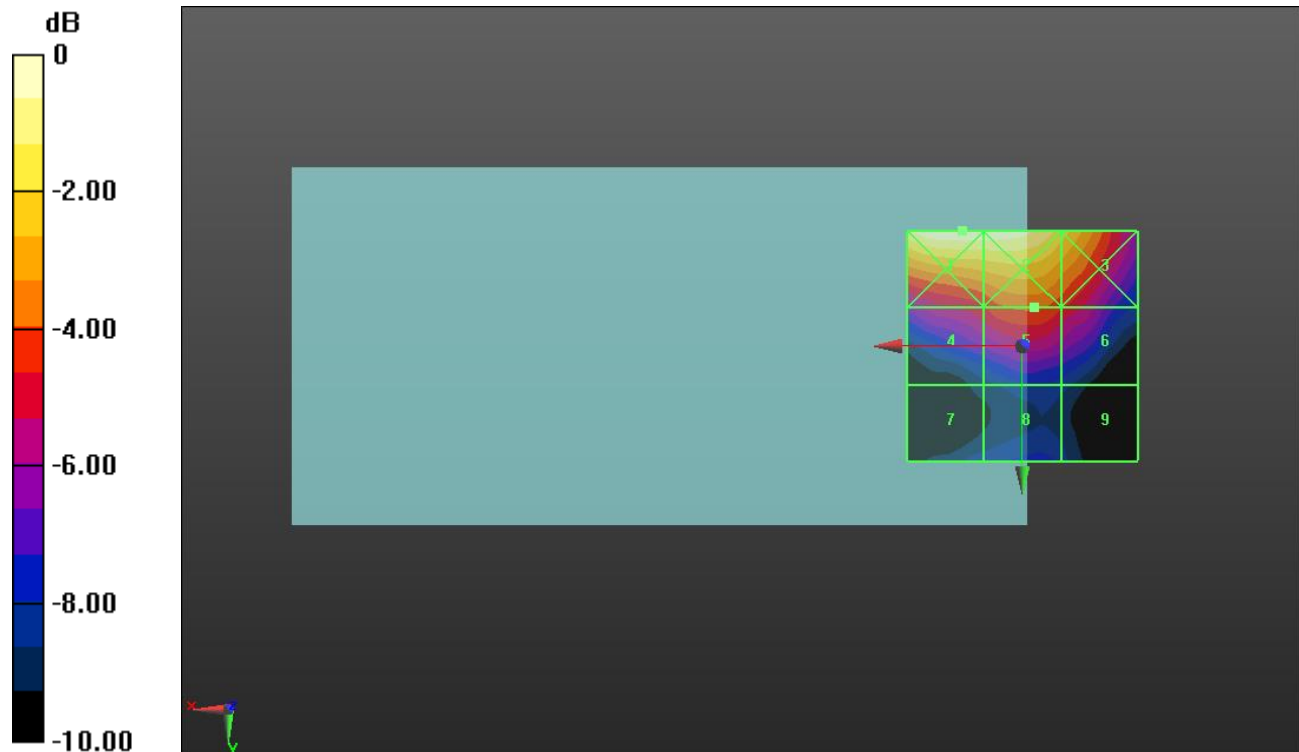
Applied MIF = 3.26 dB

RF audio interference level = 24.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.21 dBV/m	Grid 2 M4 28.16 dBV/m	Grid 3 M4 26.59 dBV/m
Grid 4 M4 23.52 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 23.68 dBV/m
Grid 7 M4 20.07 dBV/m	Grid 8 M4 20.62 dBV/m	Grid 9 M4 19.91 dBV/m



0 dB = 25.73 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 - SN4028; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.13 V/m; Power Drift = -0.11 dB

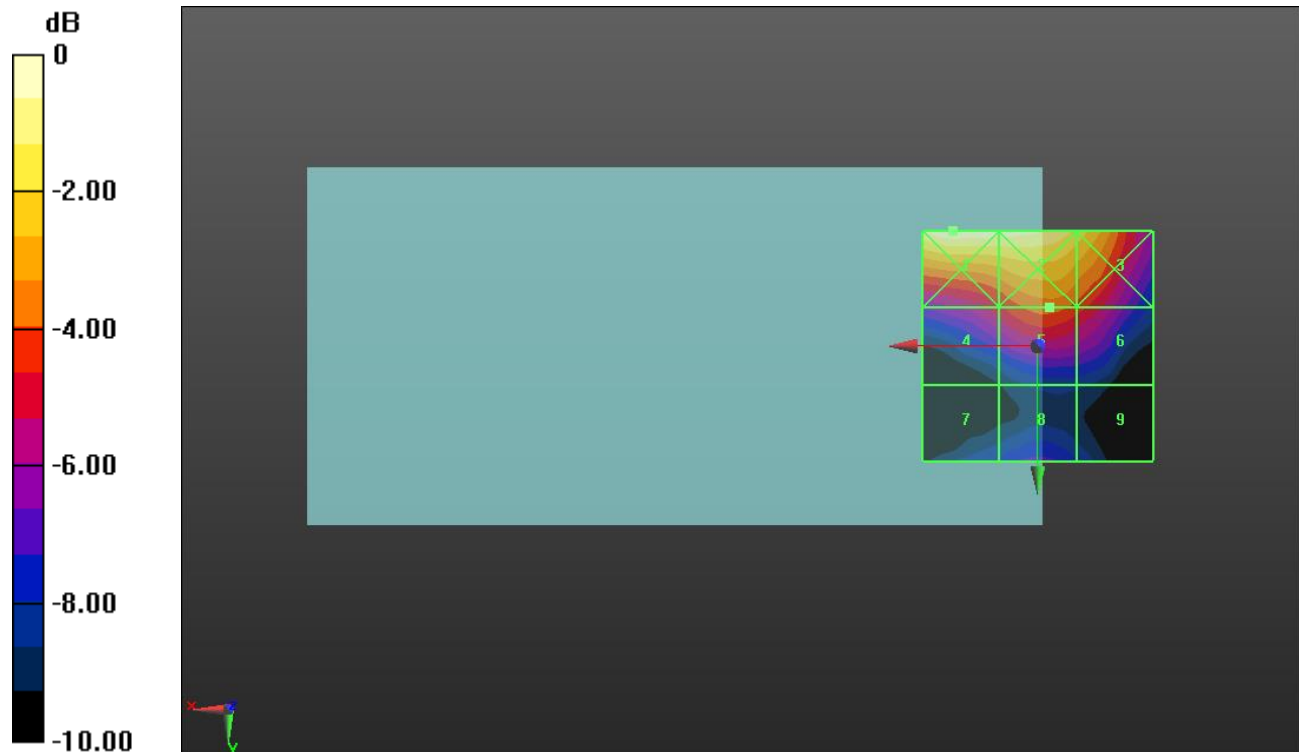
Applied MIF = 3.26 dB

RF audio interference level = 24.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.12 dBV/m	Grid 2 M4 27.89 dBV/m	Grid 3 M4 26.59 dBV/m
Grid 4 M4 23.26 dBV/m	Grid 5 M4 24.43 dBV/m	Grid 6 M4 23.84 dBV/m
Grid 7 M4 20.27 dBV/m	Grid 8 M4 20.98 dBV/m	Grid 9 M4 20.24 dBV/m



0 dB = 25.48 V/m = 28.12 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 59.93 V/m; Power Drift = 0.04 dB

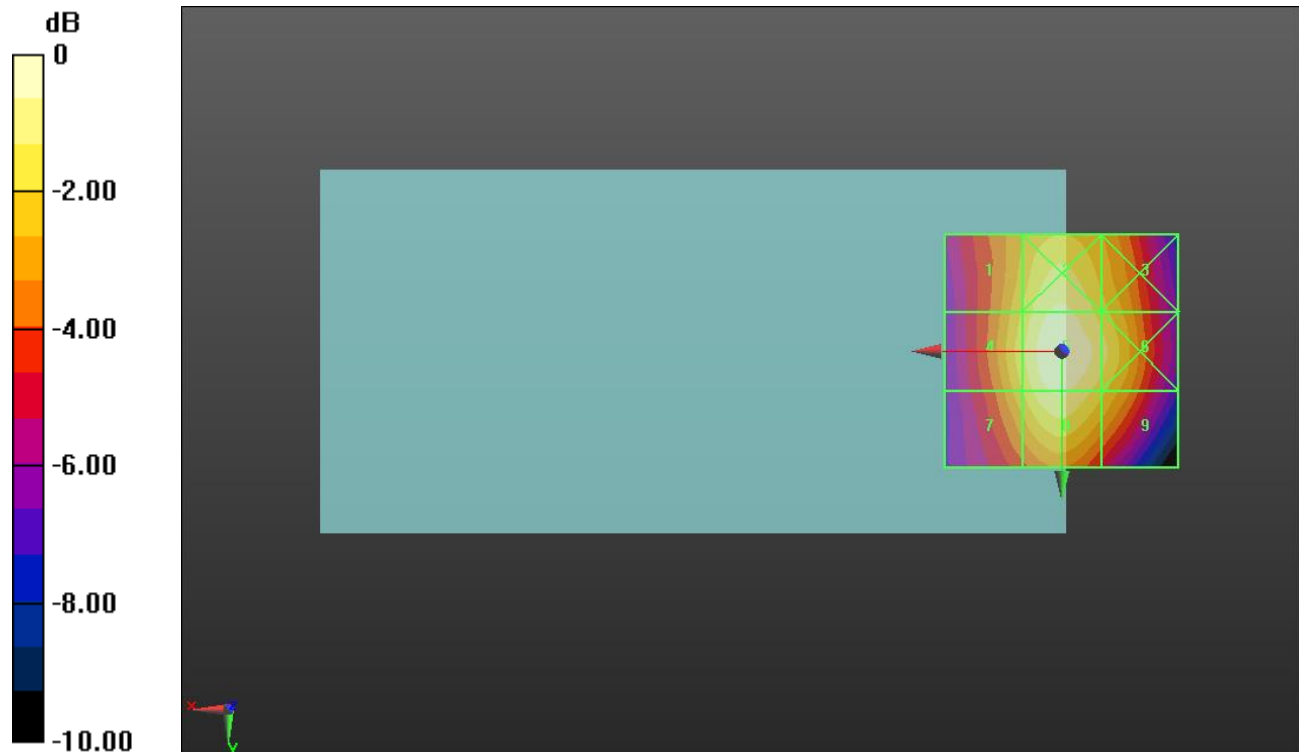
Applied MIF = 3.26 dB

RF audio interference level = 33.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.12 dBV/m	Grid 2 M4 32.51 dBV/m	Grid 3 M4 31.4 dBV/m
Grid 4 M4 31.54 dBV/m	Grid 5 M4 33.04 dBV/m	Grid 6 M4 32 dBV/m
Grid 7 M4 31.01 dBV/m	Grid 8 M4 32.48 dBV/m	Grid 9 M4 31.28 dBV/m



0 dB = 44.90 V/m = 33.04 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 60.40 V/m; Power Drift = 0.09 dB

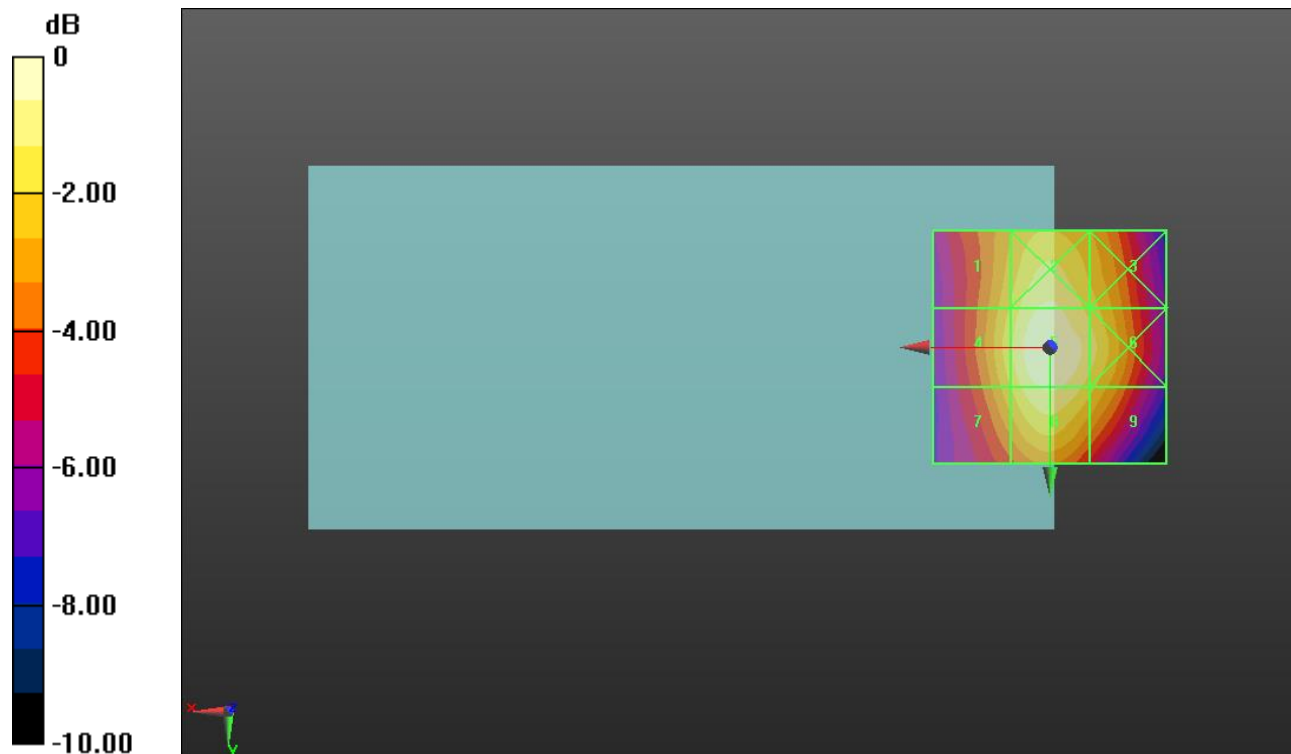
Applied MIF = 3.26 dB

RF audio interference level = 33.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.2 dBV/m	Grid 2 M4 32.56 dBV/m	Grid 3 M4 31.53 dBV/m
Grid 4 M4 31.65 dBV/m	Grid 5 M4 33.11 dBV/m	Grid 6 M4 32.11 dBV/m
Grid 7 M4 31.09 dBV/m	Grid 8 M4 32.55 dBV/m	Grid 9 M4 31.4 dBV/m



0 dB = 45.22 V/m = 33.11 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 61.85 V/m; Power Drift = -0.08 dB

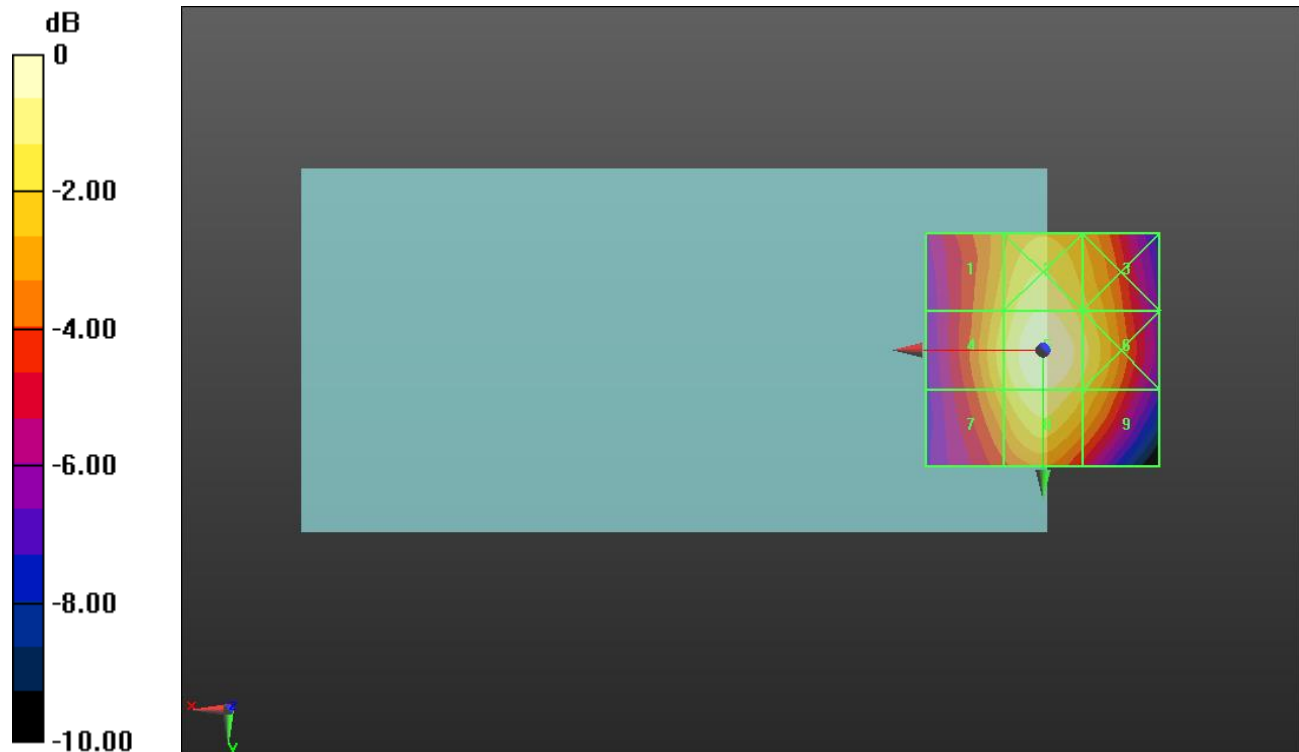
Applied MIF = 3.26 dB

RF audio interference level = 33.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.25 dBV/m	Grid 2 M4 32.64 dBV/m	Grid 3 M4 31.61 dBV/m
Grid 4 M4 31.77 dBV/m	Grid 5 M4 33.26 dBV/m	Grid 6 M4 32.22 dBV/m
Grid 7 M4 31.21 dBV/m	Grid 8 M4 32.62 dBV/m	Grid 9 M4 31.52 dBV/m



0 dB = 46.05 V/m = 33.26 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 = 49.03 V/m; Power Drift = -0.00 dB

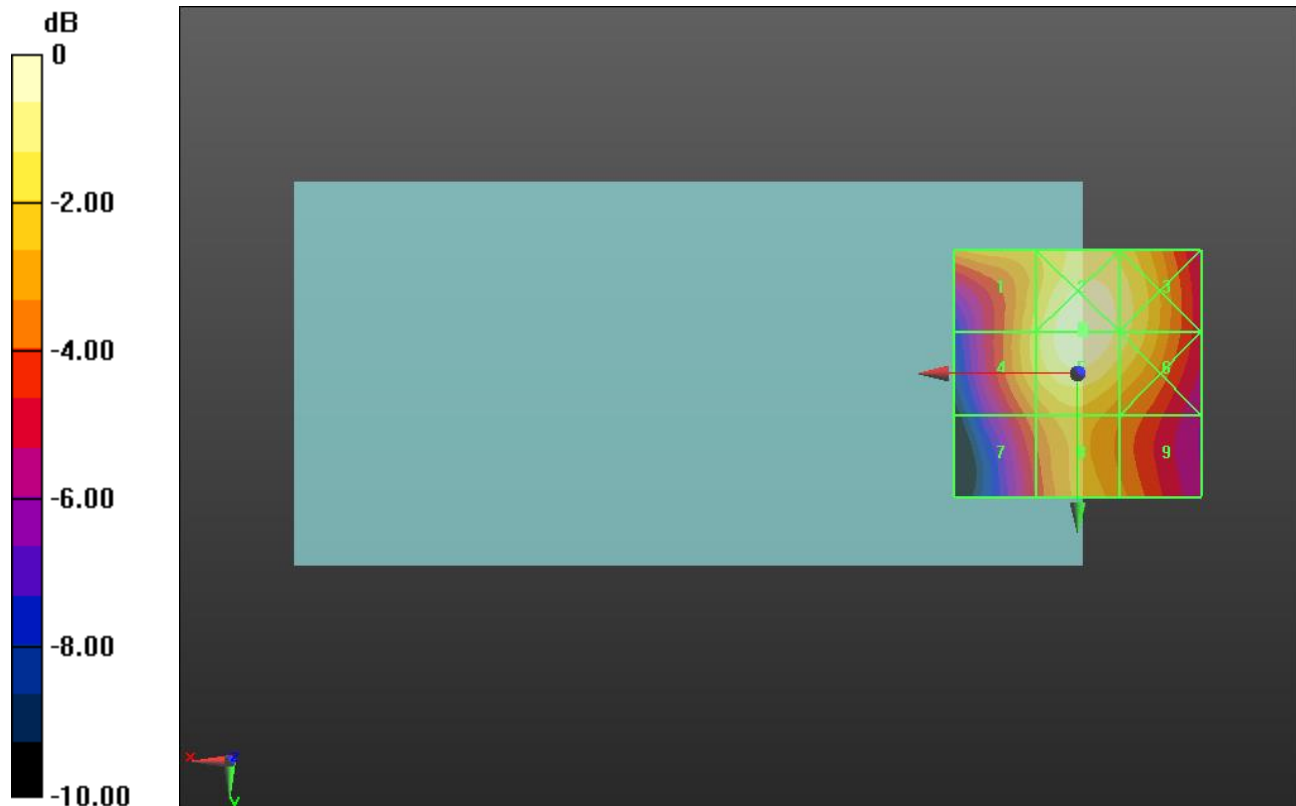
Applied MIF = -1.44 dB

RF audio interference level = 29.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.13 dBV/m	Grid 2 M4 29.8 dBV/m	Grid 3 M4 28.99 dBV/m
Grid 4 M4 28.22 dBV/m	Grid 5 M4 29.79 dBV/m	Grid 6 M4 28.9 dBV/m
Grid 7 M4 26.46 dBV/m	Grid 8 M4 27.57 dBV/m	Grid 9 M4 26.73 dBV/m



0 dB = 30.91 V/m = 29.80 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.87 V/m; Power Drift = 0.03 dB

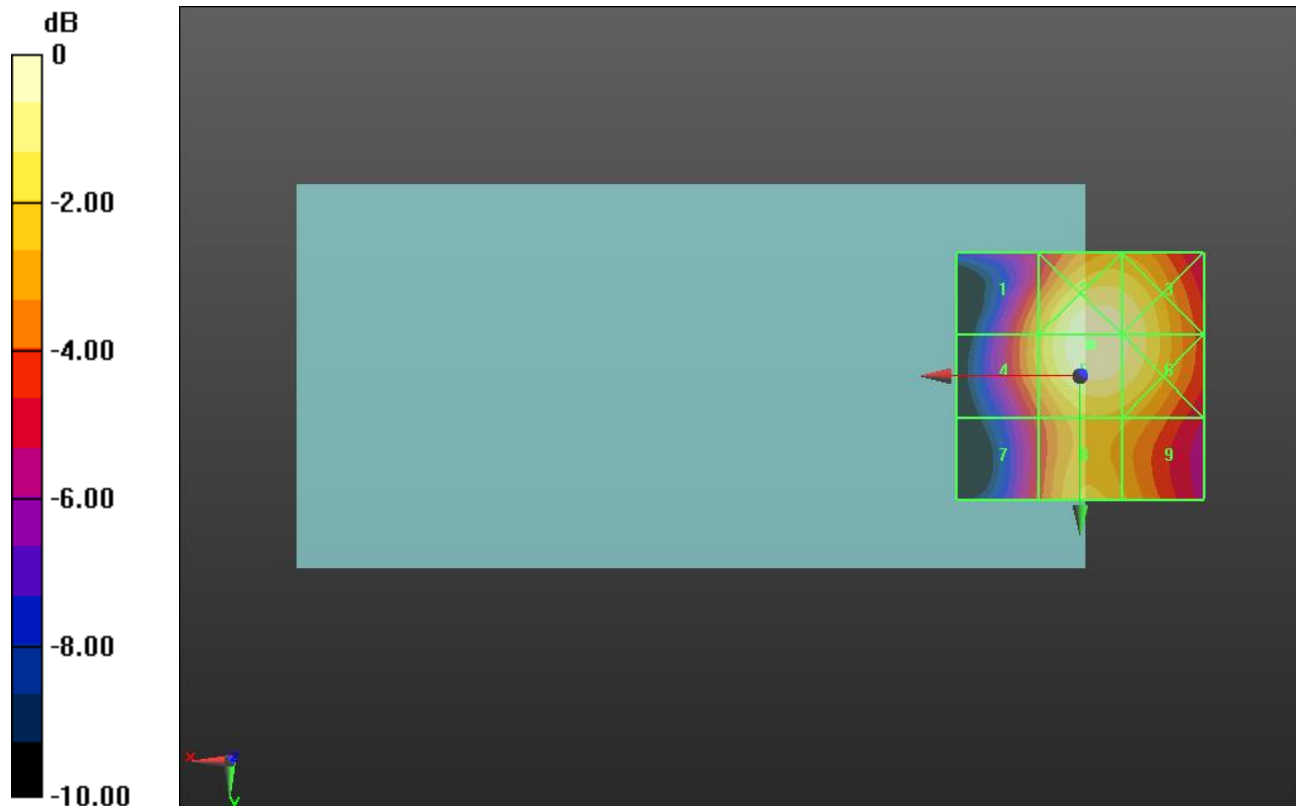
Applied MIF = -1.44 dB

RF audio interference level = 29.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.05 dBV/m	Grid 2 M4 29.45 dBV/m	Grid 3 M4 28.99 dBV/m
Grid 4 M4 27.19 dBV/m	Grid 5 M4 29.48 dBV/m	Grid 6 M4 29.01 dBV/m
Grid 7 M4 25.25 dBV/m	Grid 8 M4 27.7 dBV/m	Grid 9 M4 27.1 dBV/m



0 dB = 29.79 V/m = 29.48 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 = 57.89 V/m; Power Drift = 0.09 dB

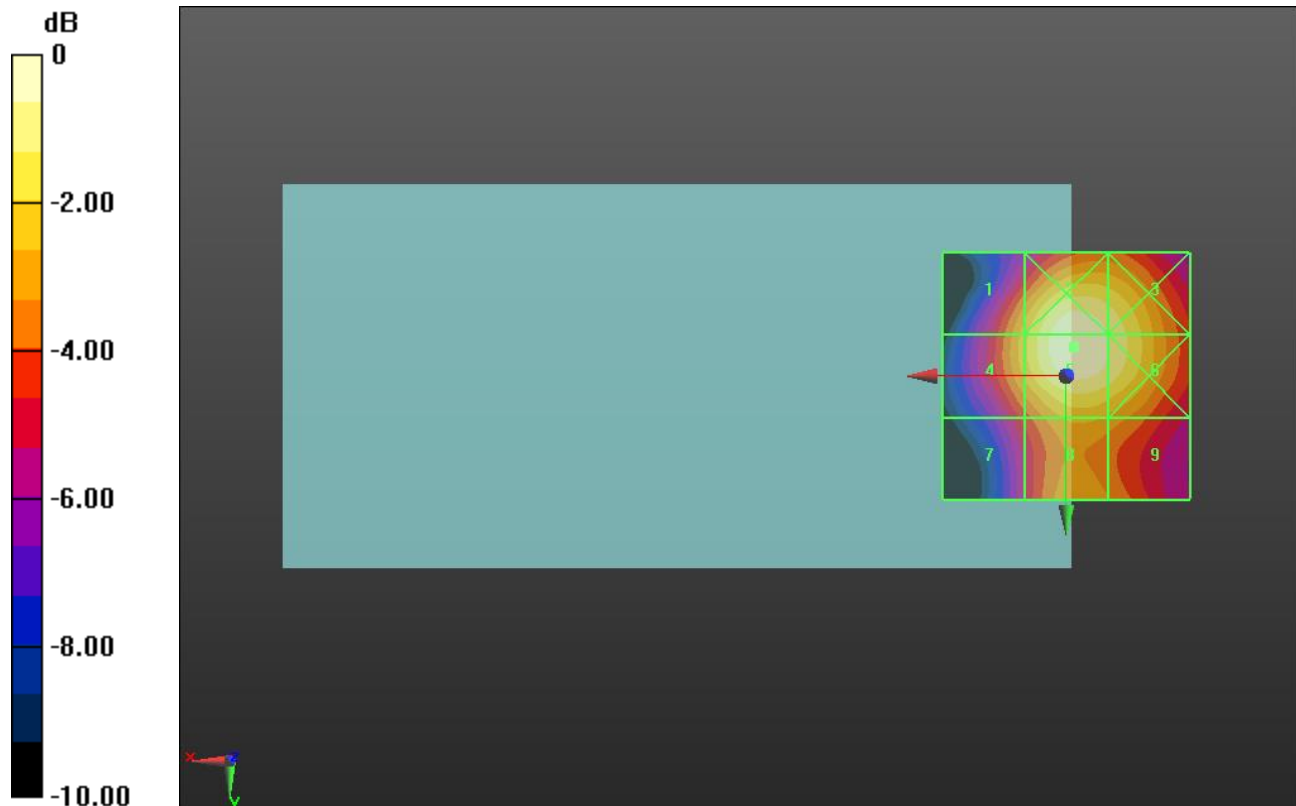
Applied MIF = -1.44 dB

RF audio interference level = 30.23 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.93 dBV/m	Grid 2 M3 30.16 dBV/m	Grid 3 M4 29.53 dBV/m
Grid 4 M4 28.08 dBV/m	Grid 5 M3 30.23 dBV/m	Grid 6 M4 29.6 dBV/m
Grid 7 M4 25.87 dBV/m	Grid 8 M4 27.77 dBV/m	Grid 9 M4 27.4 dBV/m



0 dB = 32.46 V/m = 30.23 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41_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 = 60.59 V/m; Power Drift = 0.04 dB

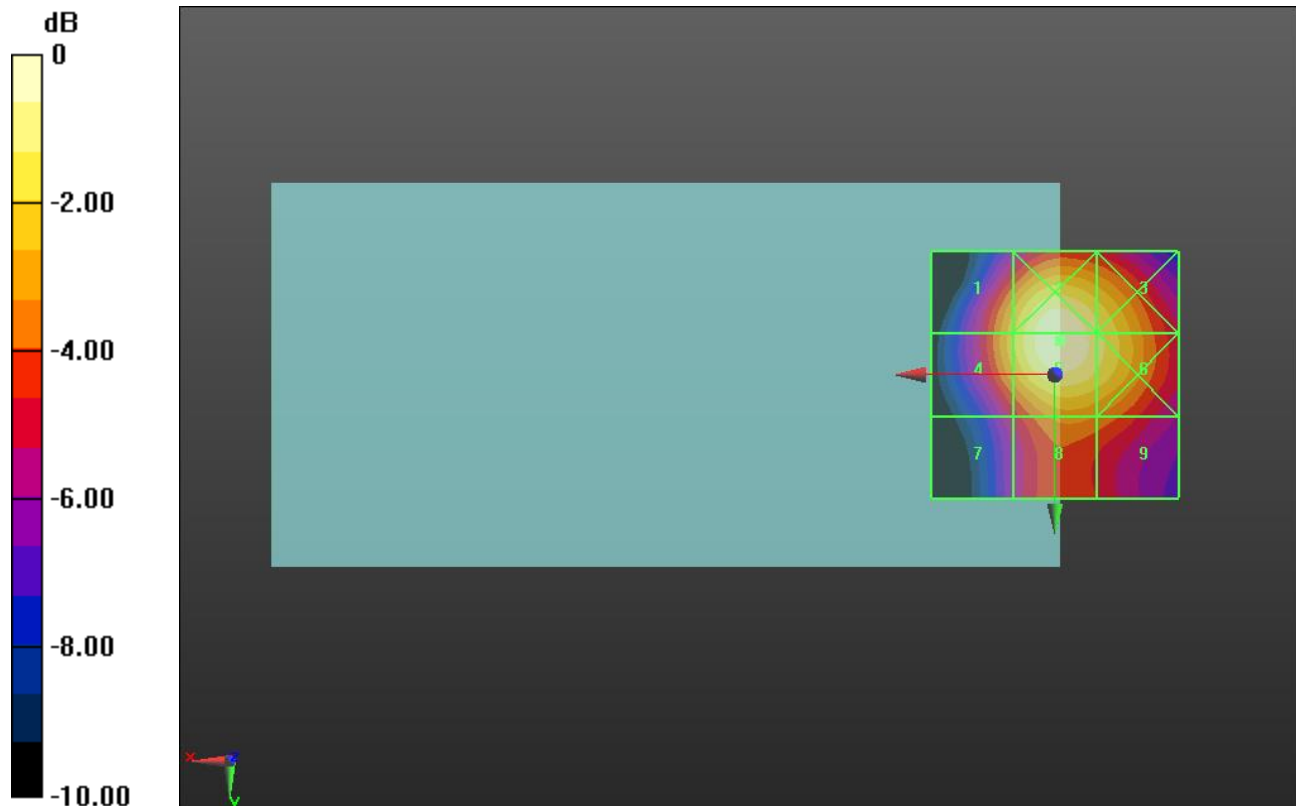
Applied MIF = -1.44 dB

RF audio interference level = 30.53 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.39 dBV/m	Grid 2 M3 30.51 dBV/m	Grid 3 M4 29.43 dBV/m
Grid 4 M4 28.43 dBV/m	Grid 5 M3 30.53 dBV/m	Grid 6 M4 29.52 dBV/m
Grid 7 M4 25.42 dBV/m	Grid 8 M4 27.52 dBV/m	Grid 9 M4 27.14 dBV/m



0 dB = 33.63 V/m = 30.53 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 = 58.36 V/m; Power Drift = 0.03 dB

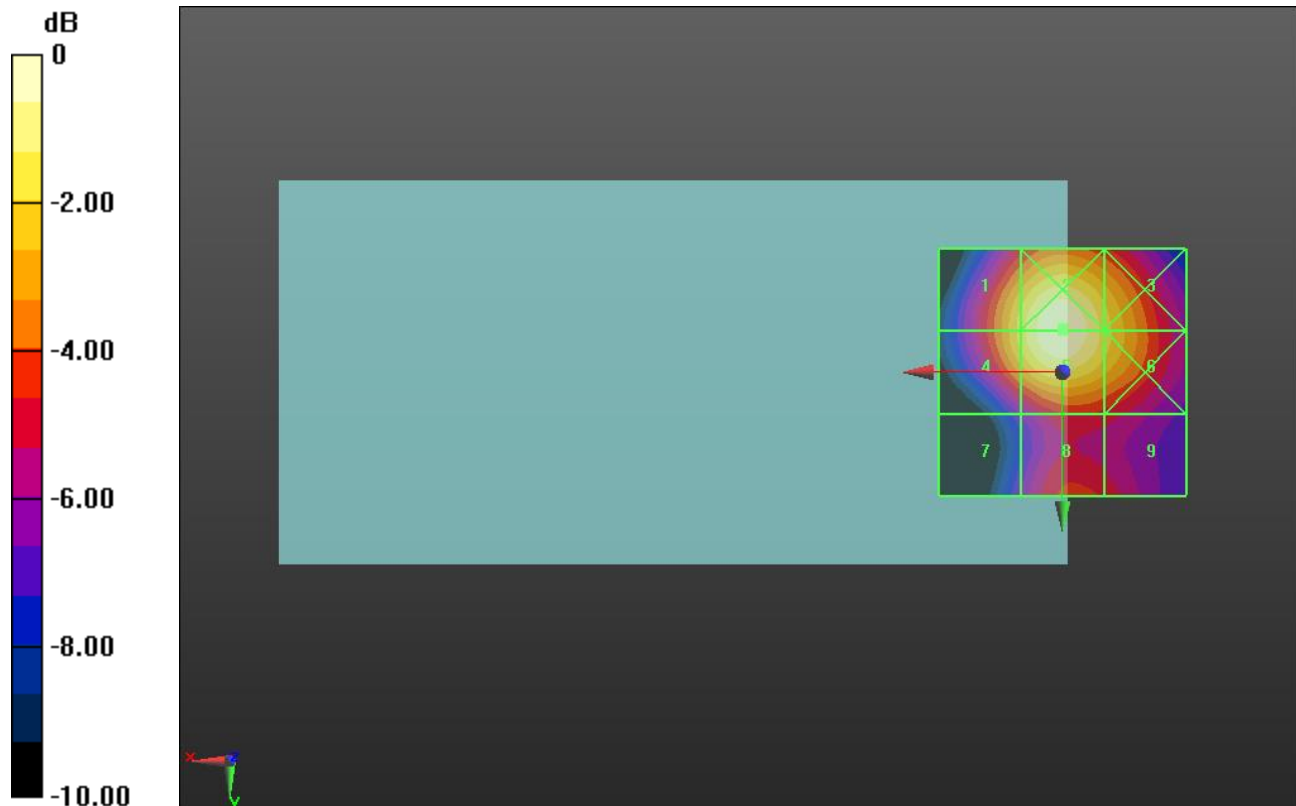
Applied MIF = -1.44 dB

RF audio interference level = 30.78 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.09 dBV/m	Grid 2 M3 30.78 dBV/m	Grid 3 M4 29.16 dBV/m
Grid 4 M4 29.09 dBV/m	Grid 5 M3 30.78 dBV/m	Grid 6 M4 29.17 dBV/m
Grid 7 M4 24.23 dBV/m	Grid 8 M4 26.42 dBV/m	Grid 9 M4 25.96 dBV/m



0 dB = 34.58 V/m = 30.78 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.73 V/m; Power Drift = -0.08 dB

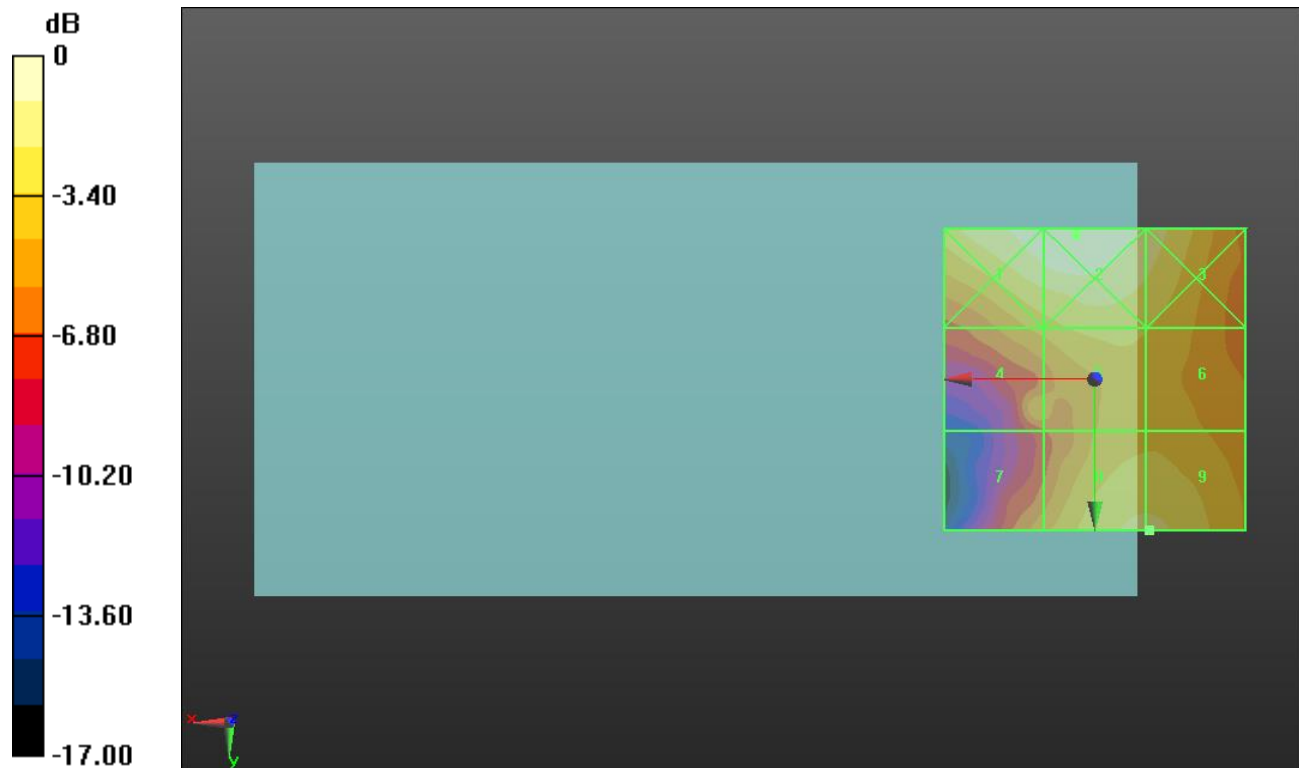
Applied MIF = 3.63 dB

RF audio interference level = 26.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.34 dBV/m	Grid 2 M4 28.87 dBV/m	Grid 3 M4 27.46 dBV/m
Grid 4 M4 24.82 dBV/m	Grid 5 M4 25.94 dBV/m	Grid 6 M4 25.57 dBV/m
Grid 7 M4 24.1 dBV/m	Grid 8 M4 26.89 dBV/m	Grid 9 M4 26.89 dBV/m



0 dB = 27.77 V/m = 28.87 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 = 15.57 V/m; Power Drift = -0.17 dB

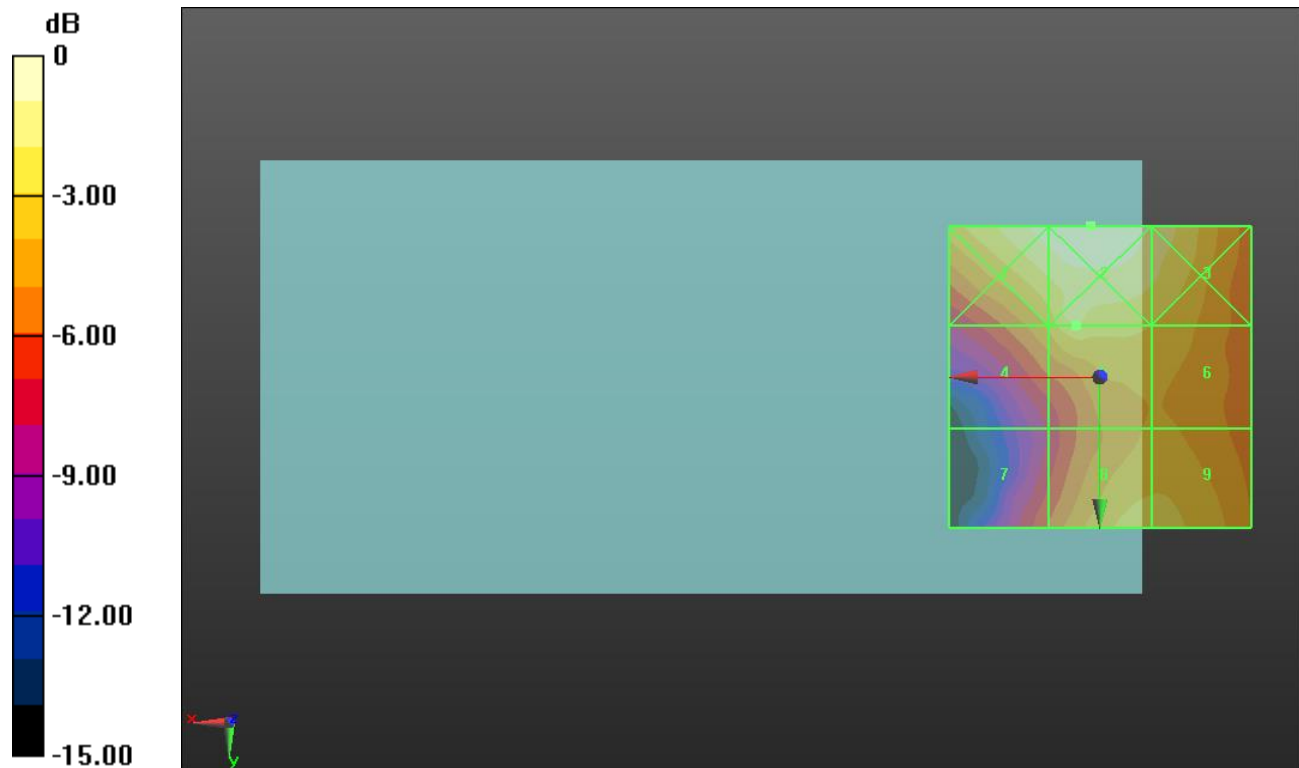
Applied MIF = 3.63 dB

RF audio interference level = 27.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.01 dBV/m	Grid 2 M4 29.49 dBV/m	Grid 3 M4 28.41 dBV/m
Grid 4 M4 25.72 dBV/m	Grid 5 M4 27.31 dBV/m	Grid 6 M4 26.51 dBV/m
Grid 7 M4 23.66 dBV/m	Grid 8 M4 26.92 dBV/m	Grid 9 M4 26.89 dBV/m



0 dB = 29.81 V/m = 29.49 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 = 15.88 V/m; Power Drift = -0.05 dB

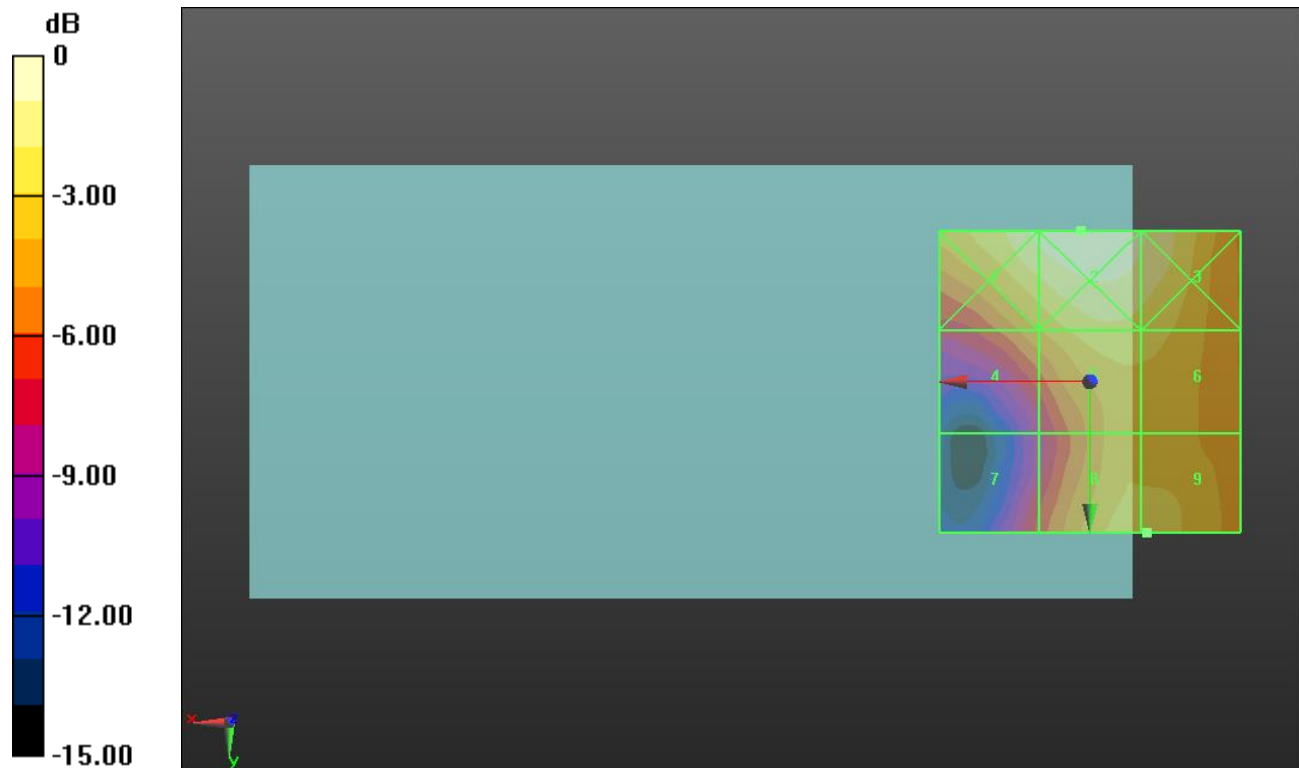
Applied MIF = 3.63 dB

RF audio interference level = 27.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.82 dBV/m	Grid 2 M4 29.47 dBV/m	Grid 3 M4 28.66 dBV/m
Grid 4 M4 25.36 dBV/m	Grid 5 M4 27.24 dBV/m	Grid 6 M4 27.04 dBV/m
Grid 7 M4 22.87 dBV/m	Grid 8 M4 27.32 dBV/m	Grid 9 M4 27.36 dBV/m



0 dB = 29.77 V/m = 29.48 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 = 12.60 V/m; Power Drift = 0.03 dB

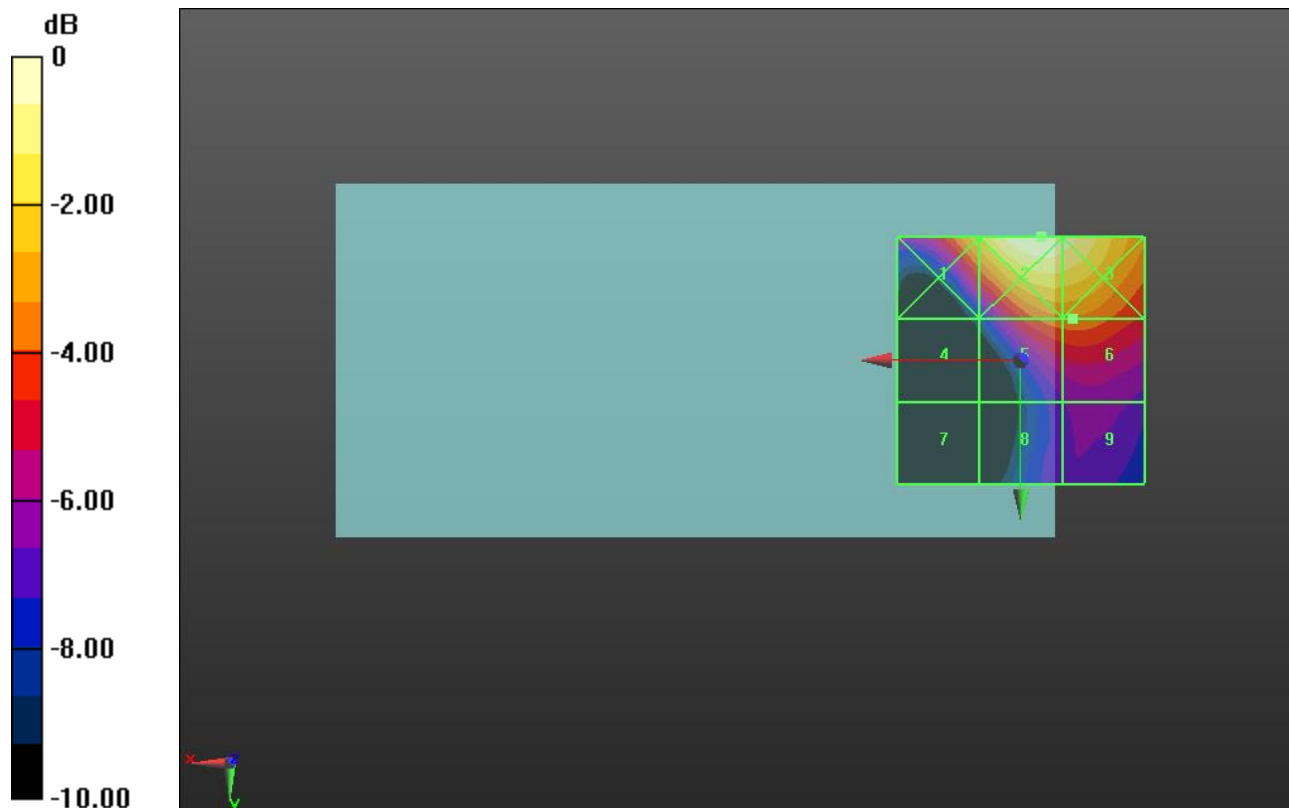
Applied MIF = -1.44 dB

RF audio interference level = 22.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.21 dBV/m	Grid 2 M4 26.19 dBV/m	Grid 3 M4 25.88 dBV/m
Grid 4 M4 17.92 dBV/m	Grid 5 M4 22.74 dBV/m	Grid 6 M4 22.77 dBV/m
Grid 7 M4 16.76 dBV/m	Grid 8 M4 19.51 dBV/m	Grid 9 M4 19.97 dBV/m



0 dB = 20.40 V/m = 26.19 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

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

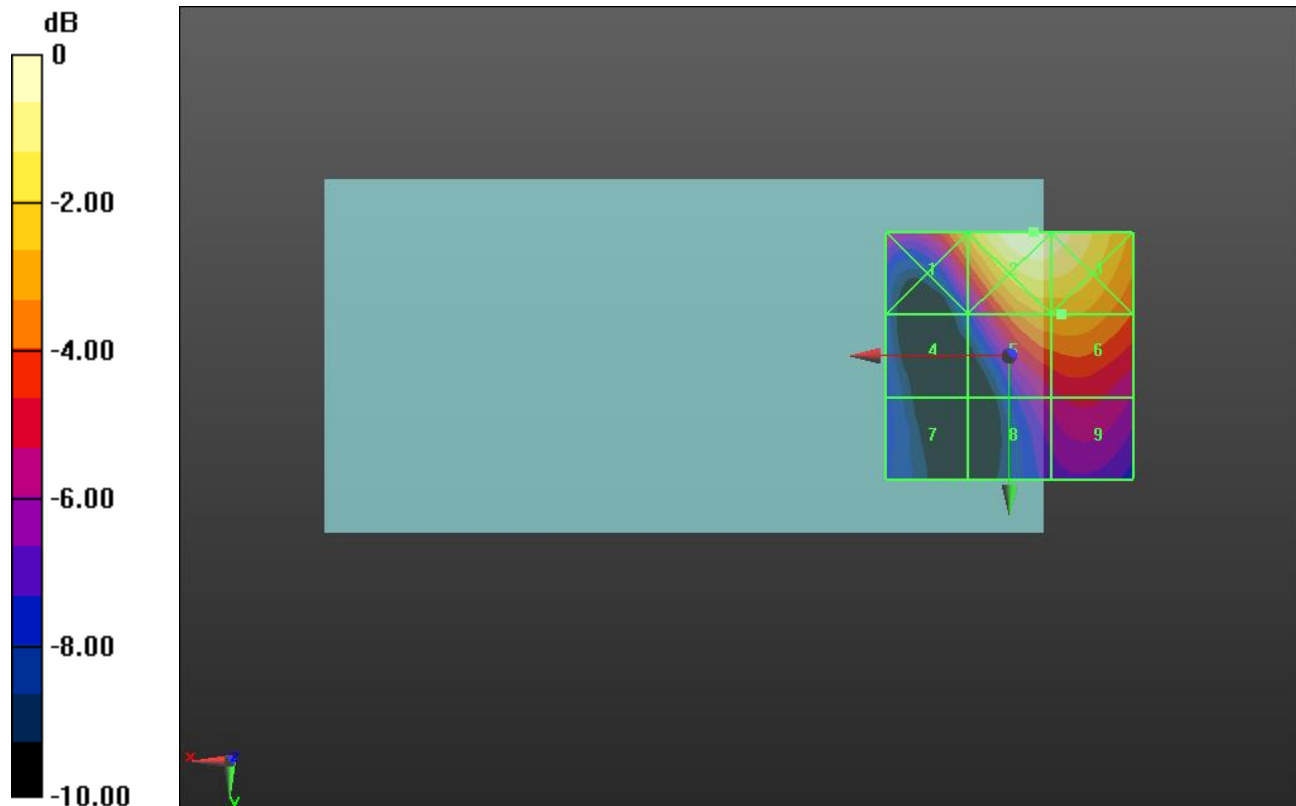
Applied MIF = -1.44 dB

RF audio interference level = 24.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.51 dBV/m	Grid 2 M4 26.89 dBV/m	Grid 3 M4 26.69 dBV/m
Grid 4 M4 19.31 dBV/m	Grid 5 M4 24.31 dBV/m	Grid 6 M4 24.34 dBV/m
Grid 7 M4 19.15 dBV/m	Grid 8 M4 21.28 dBV/m	Grid 9 M4 21.77 dBV/m



0 dB = 22.11 V/m = 26.89 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.14 V/m; Power Drift = -0.07 dB

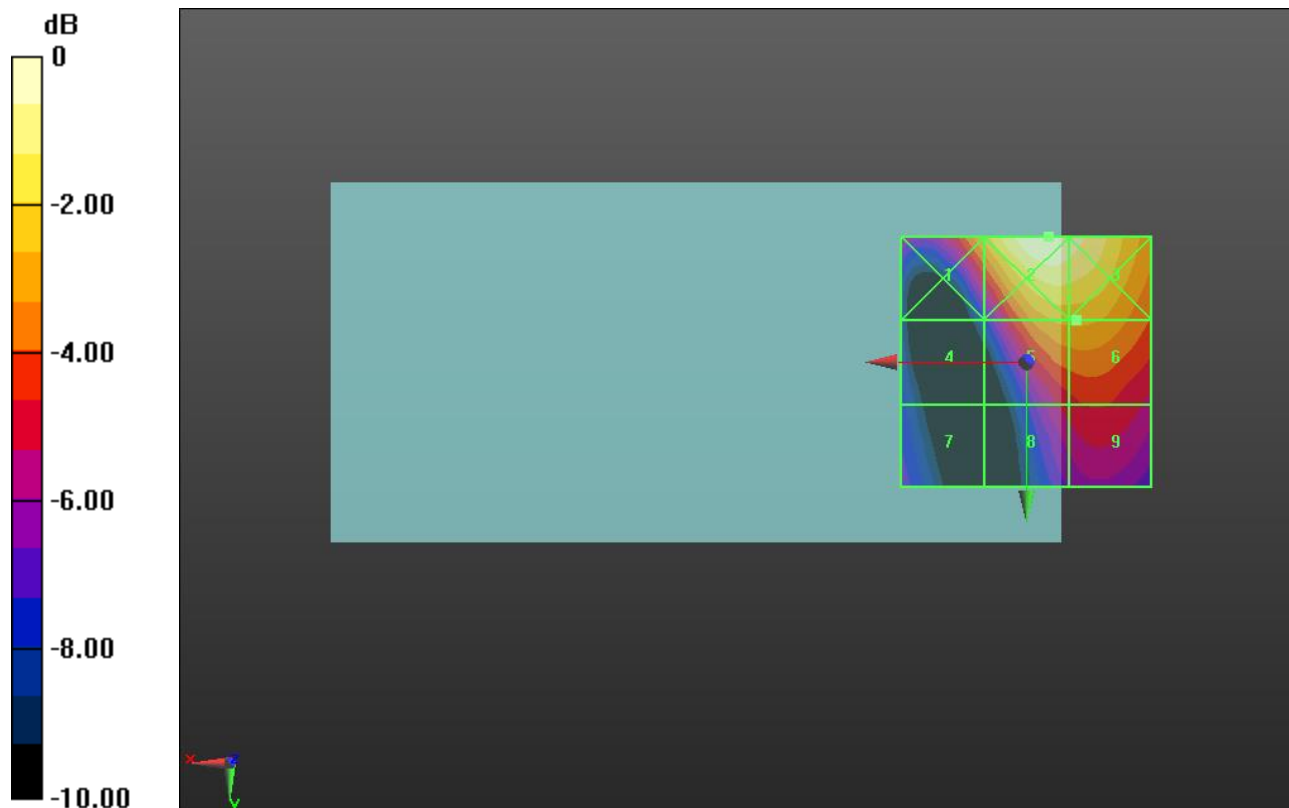
Applied MIF = -1.44 dB

RF audio interference level = 24.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.24 dBV/m	Grid 2 M4 26.69 dBV/m	Grid 3 M4 26.37 dBV/m
Grid 4 M4 19 dBV/m	Grid 5 M4 24.21 dBV/m	Grid 6 M4 24.22 dBV/m
Grid 7 M4 19.72 dBV/m	Grid 8 M4 21.74 dBV/m	Grid 9 M4 22.1 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: 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 = 16.46 V/m; Power Drift = 0.04 dB

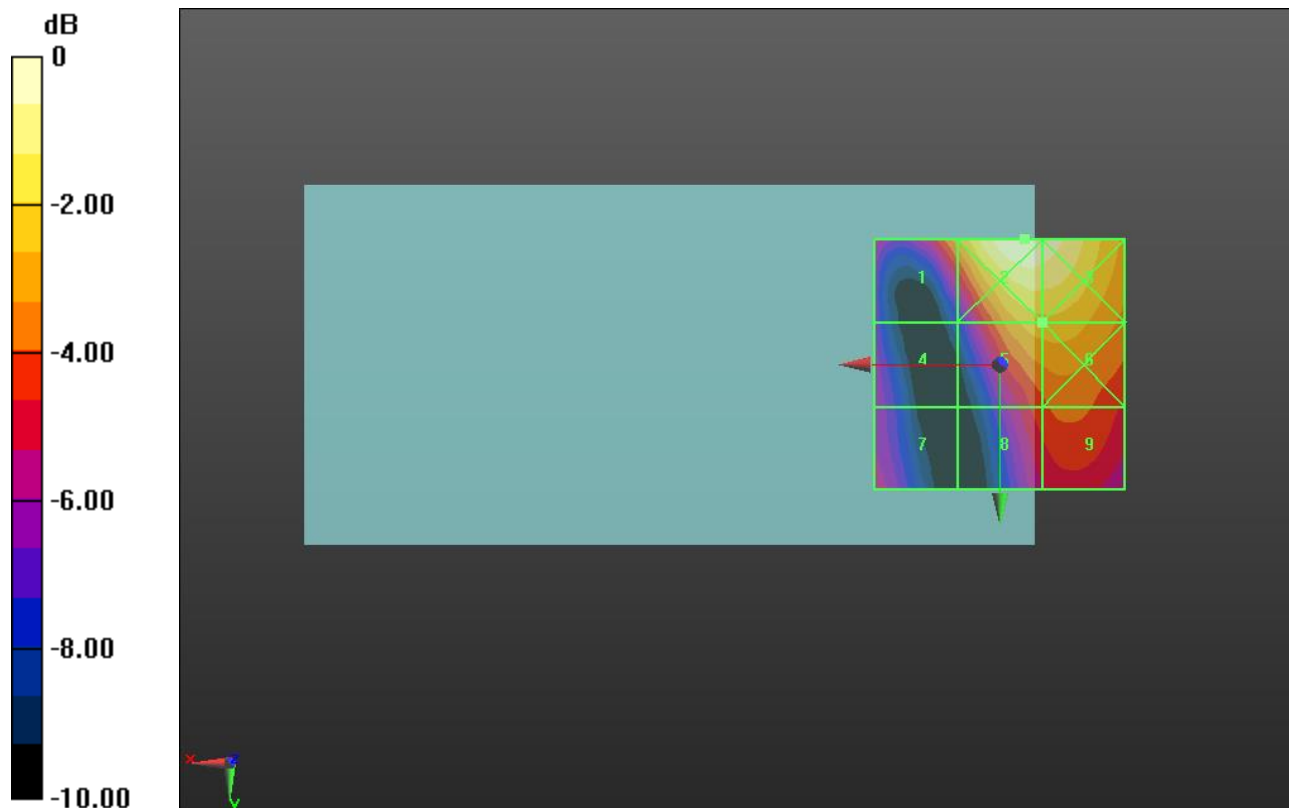
Applied MIF = -1.44 dB

RF audio interference level = 24.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.47 dBV/m	Grid 2 M4 26.3 dBV/m	Grid 3 M4 26.1 dBV/m
Grid 4 M4 20.17 dBV/m	Grid 5 M4 24.09 dBV/m	Grid 6 M4 24.12 dBV/m
Grid 7 M4 20.74 dBV/m	Grid 8 M4 22.13 dBV/m	Grid 9 M4 22.51 dBV/m



0 dB = 20.66 V/m = 26.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: 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 = 15.95 V/m; Power Drift = -0.08 dB

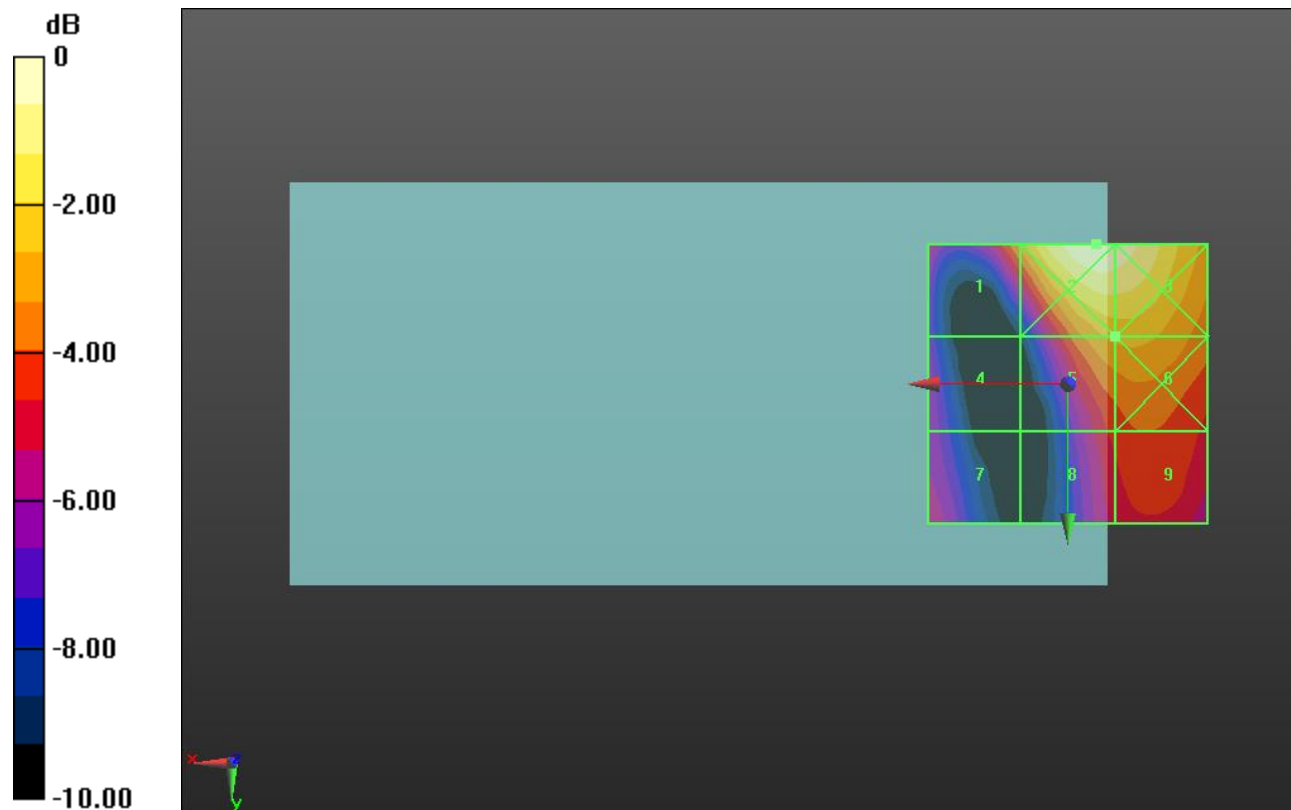
Applied MIF = -1.44 dB

RF audio interference level = 23.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.28 dBV/m	Grid 2 M4 26.28 dBV/m	Grid 3 M4 26.07 dBV/m
Grid 4 M4 20.2 dBV/m	Grid 5 M4 23.8 dBV/m	Grid 6 M4 23.88 dBV/m
Grid 7 M4 20.91 dBV/m	Grid 8 M4 21.89 dBV/m	Grid 9 M4 22.29 dBV/m



0 dB = 20.62 V/m = 26.29 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.64 V/m; Power Drift = -0.03 dB

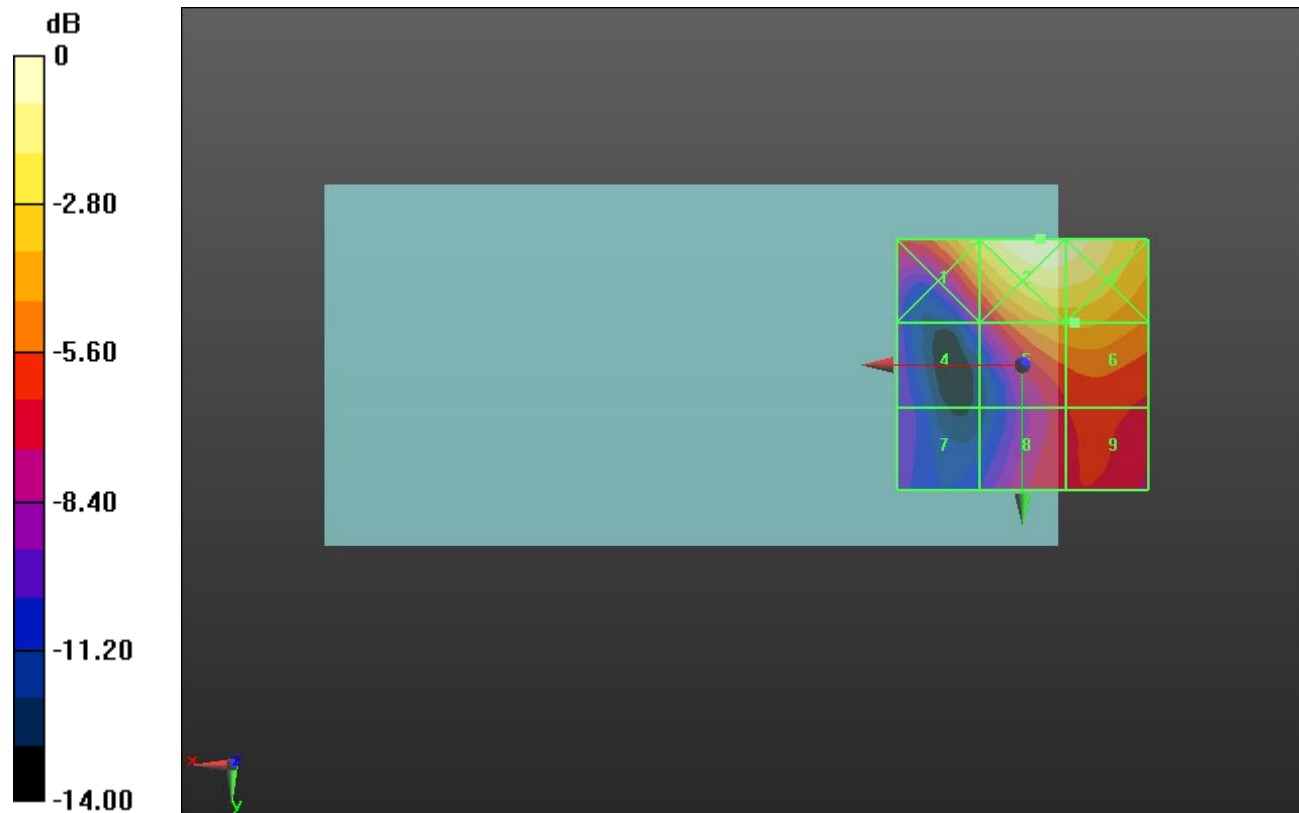
Applied MIF = -1.44 dB

RF audio interference level = 22.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.27 dBV/m	Grid 2 M4 26.27 dBV/m	Grid 3 M4 25.98 dBV/m
Grid 4 M4 17.76 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 22.81 dBV/m
Grid 7 M4 16.93 dBV/m	Grid 8 M4 19.64 dBV/m	Grid 9 M4 20.07 dBV/m



0 dB = 20.57 V/m = 26.26 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 = 15.70 V/m; Power Drift = 0.05 dB

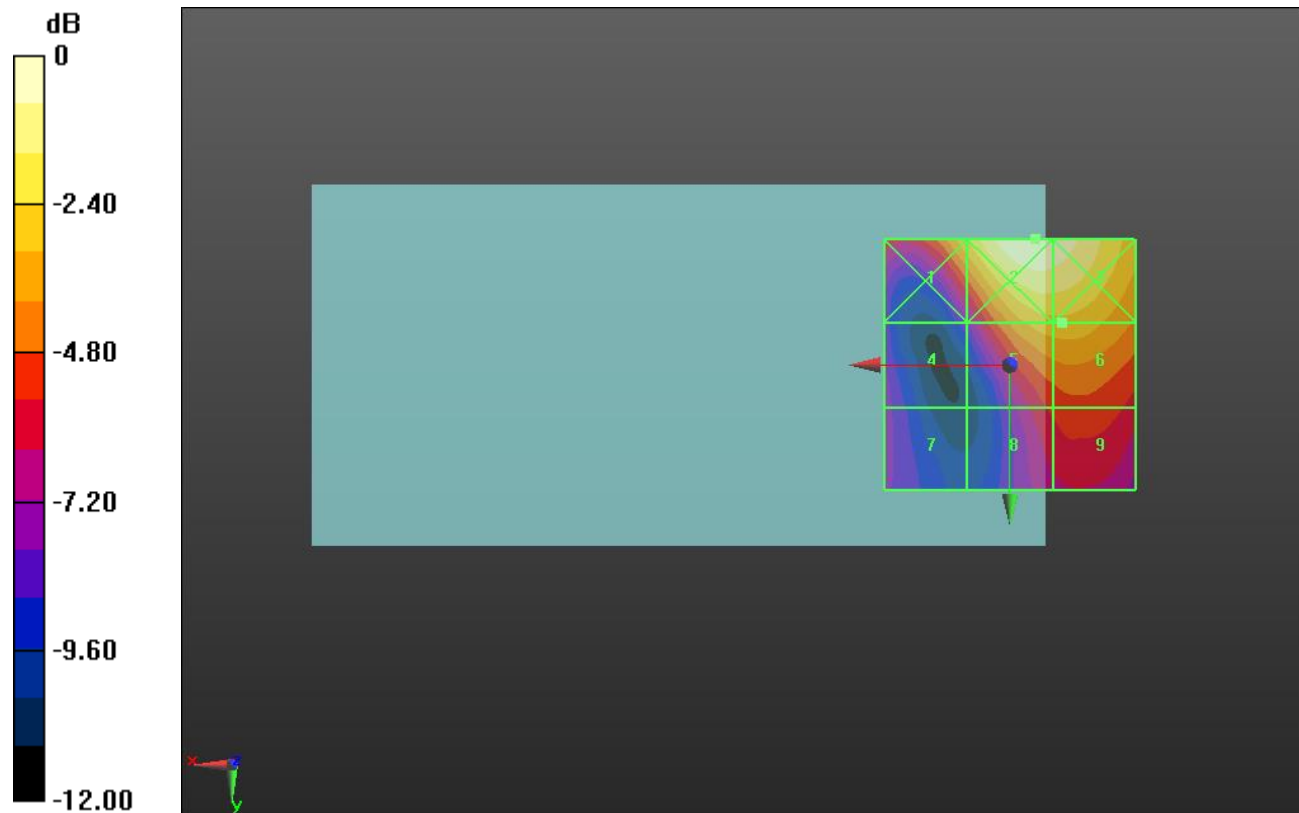
Applied MIF = -1.44 dB

RF audio interference level = 24.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.62 dBV/m	Grid 2 M4 27.01 dBV/m	Grid 3 M4 26.78 dBV/m
Grid 4 M4 19.45 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 24.39 dBV/m
Grid 7 M4 19.42 dBV/m	Grid 8 M4 21.62 dBV/m	Grid 9 M4 21.97 dBV/m



0 dB = 22.40 V/m = 27.00 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 17.98 V/m; Power Drift = -0.12 dB

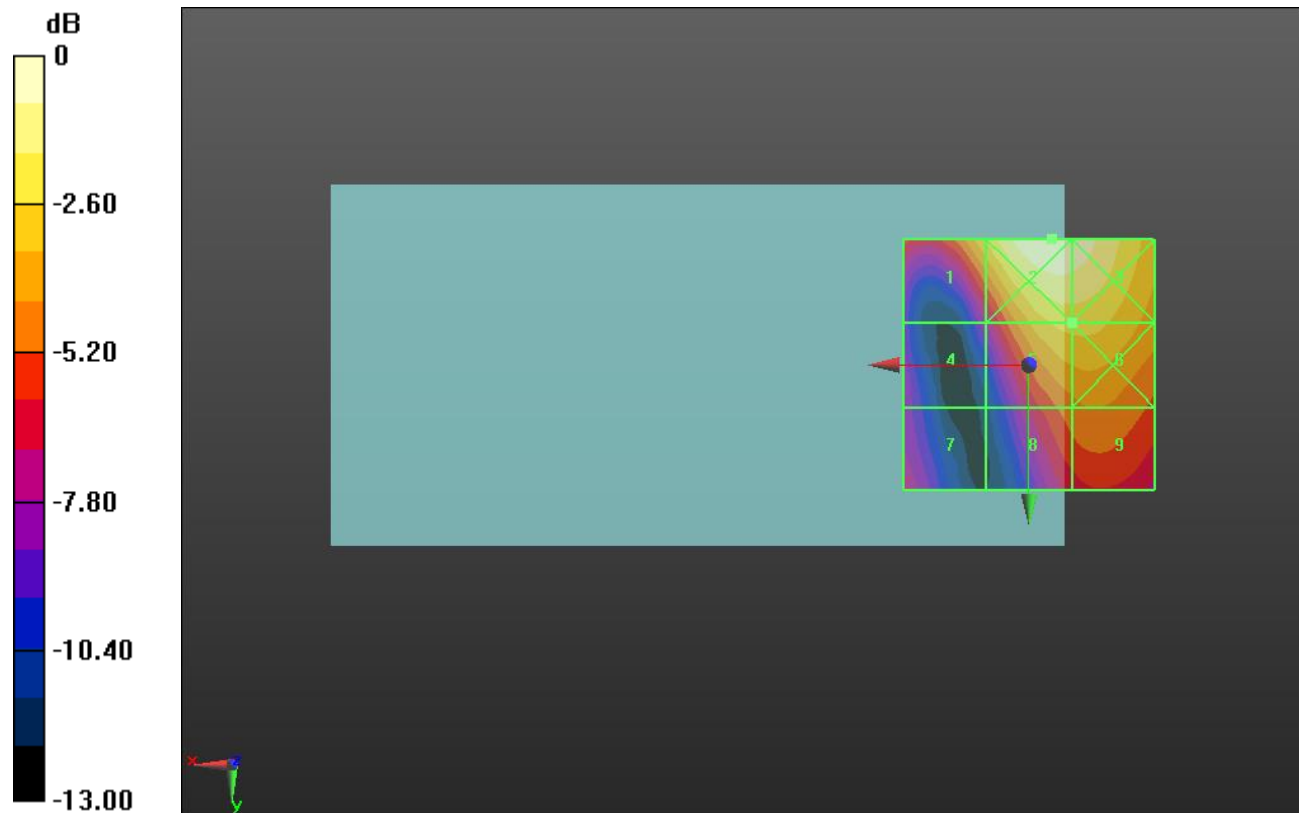
Applied MIF = -1.44 dB

RF audio interference level = 24.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.12 dBV/m	Grid 2 M4 26.63 dBV/m	Grid 3 M4 26.36 dBV/m
Grid 4 M4 18.98 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 24.37 dBV/m
Grid 7 M4 19.54 dBV/m	Grid 8 M4 22 dBV/m	Grid 9 M4 22.31 dBV/m



0 dB = 21.44 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: 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 = 16.47 V/m; Power Drift = 0.03 dB

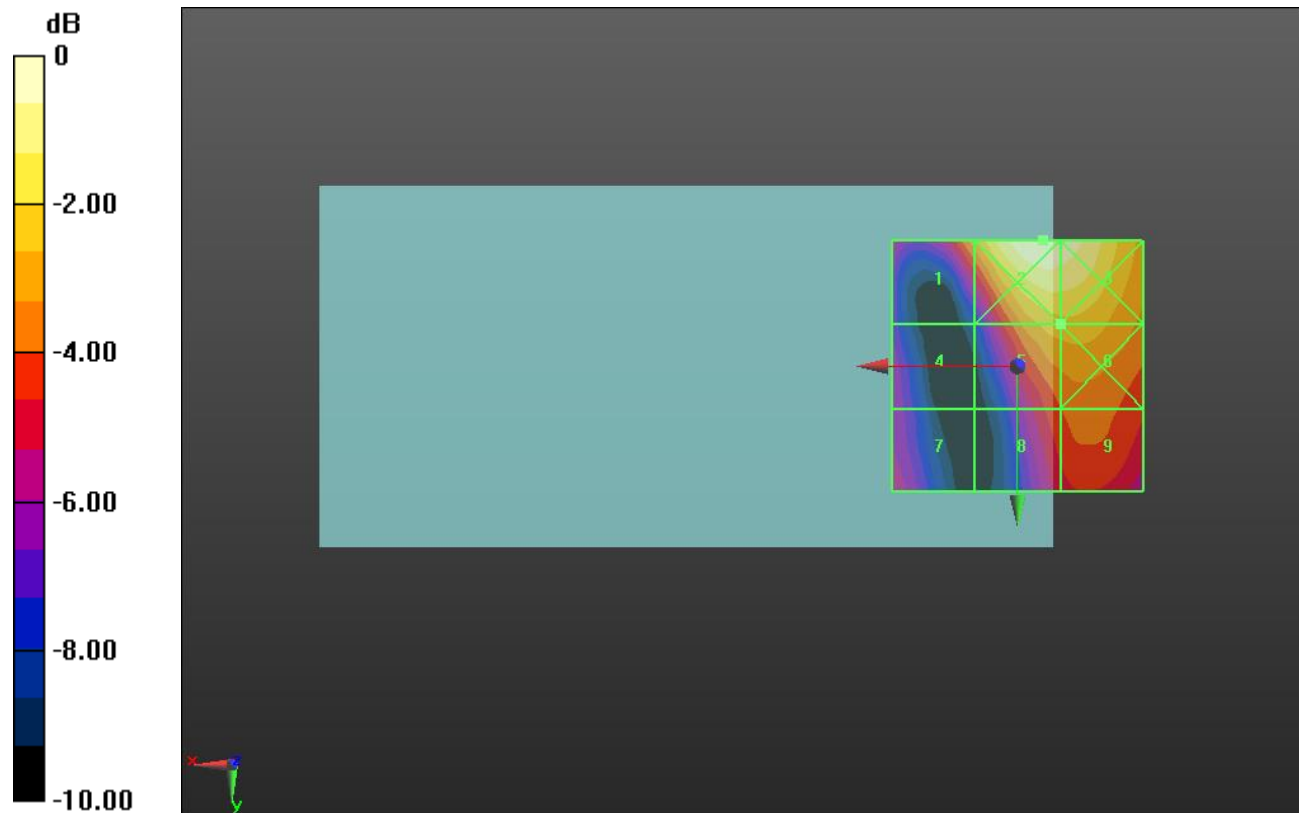
Applied MIF = -1.44 dB

RF audio interference level = 24.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.51 dBV/m	Grid 2 M4 26.3 dBV/m	Grid 3 M4 26.11 dBV/m
Grid 4 M4 20.22 dBV/m	Grid 5 M4 24.07 dBV/m	Grid 6 M4 24.12 dBV/m
Grid 7 M4 20.81 dBV/m	Grid 8 M4 22.28 dBV/m	Grid 9 M4 22.65 dBV/m



0 dB = 20.64 V/m = 26.29 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 = 16.01 V/m; Power Drift = 0.05 dB

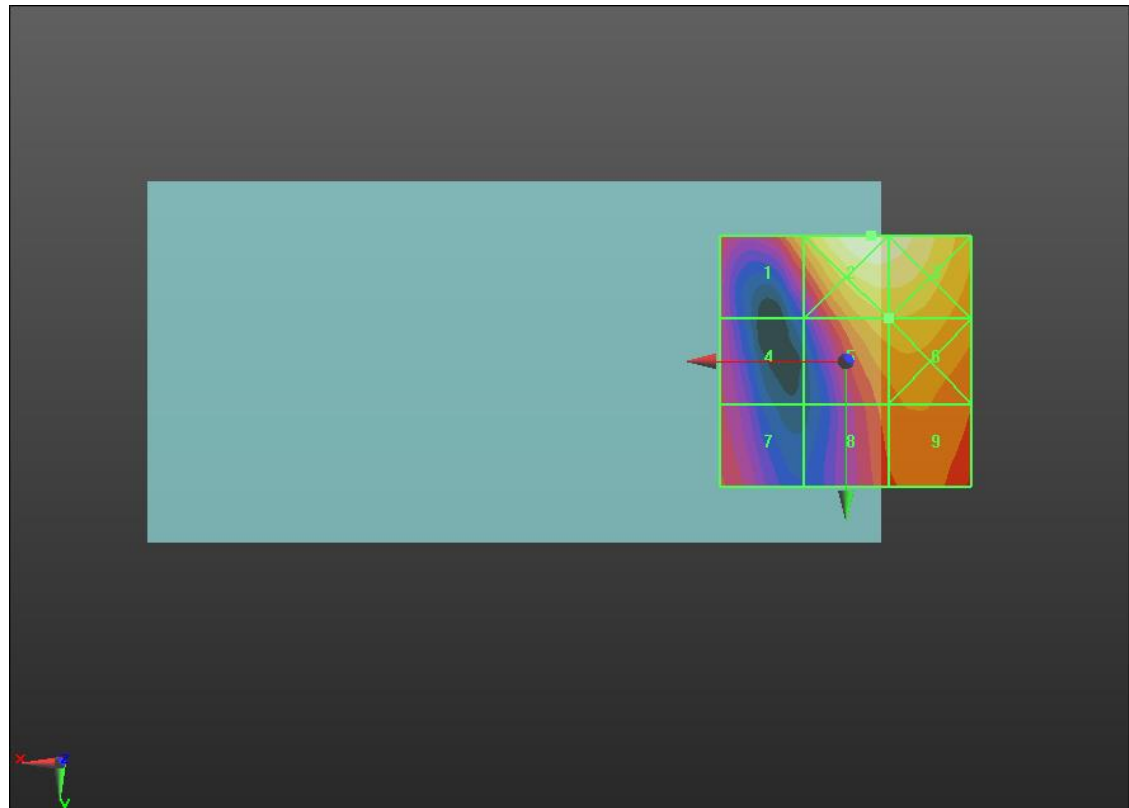
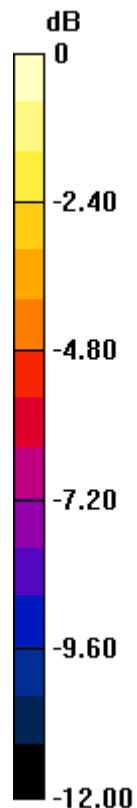
Applied MIF = -1.44 dB

RF audio interference level = 23.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.42 dBV/m	Grid 2 M4 26.37 dBV/m	Grid 3 M4 26.14 dBV/m
Grid 4 M4 20.18 dBV/m	Grid 5 M4 23.85 dBV/m	Grid 6 M4 23.93 dBV/m
Grid 7 M4 20.96 dBV/m	Grid 8 M4 22.04 dBV/m	Grid 9 M4 22.43 dBV/m



0 dB = 20.82 V/m = 26.37 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.93 V/m; Power Drift = -0.04 dB

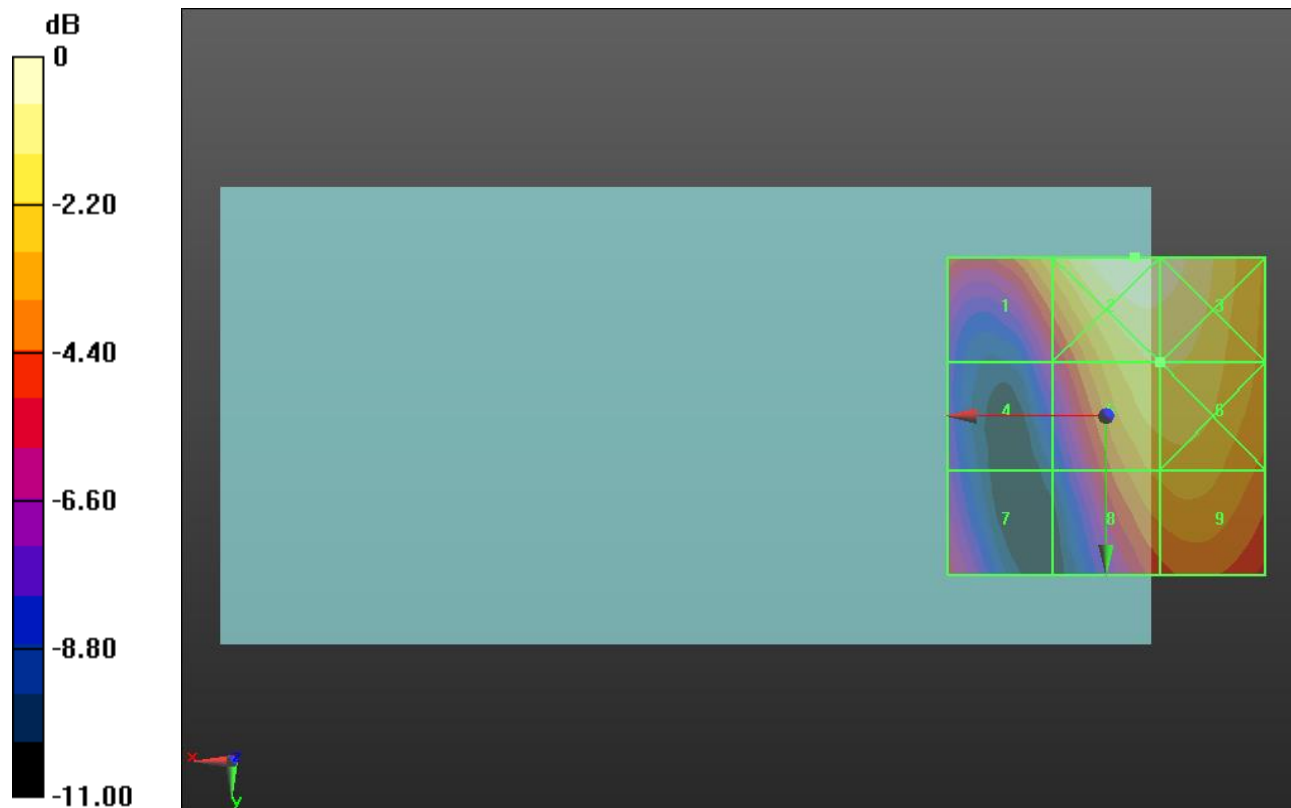
Applied MIF = -2.02 dB

RF audio interference level = 25.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.64 dBV/m	Grid 2 M4 26.85 dBV/m	Grid 3 M4 26.6 dBV/m
Grid 4 M4 20.62 dBV/m	Grid 5 M4 25.42 dBV/m	Grid 6 M4 25.43 dBV/m
Grid 7 M4 21.44 dBV/m	Grid 8 M4 24.13 dBV/m	Grid 9 M4 24.34 dBV/m



0 dB = 22.00 V/m = 26.85 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 = 23.06 V/m; Power Drift = 0.01 dB

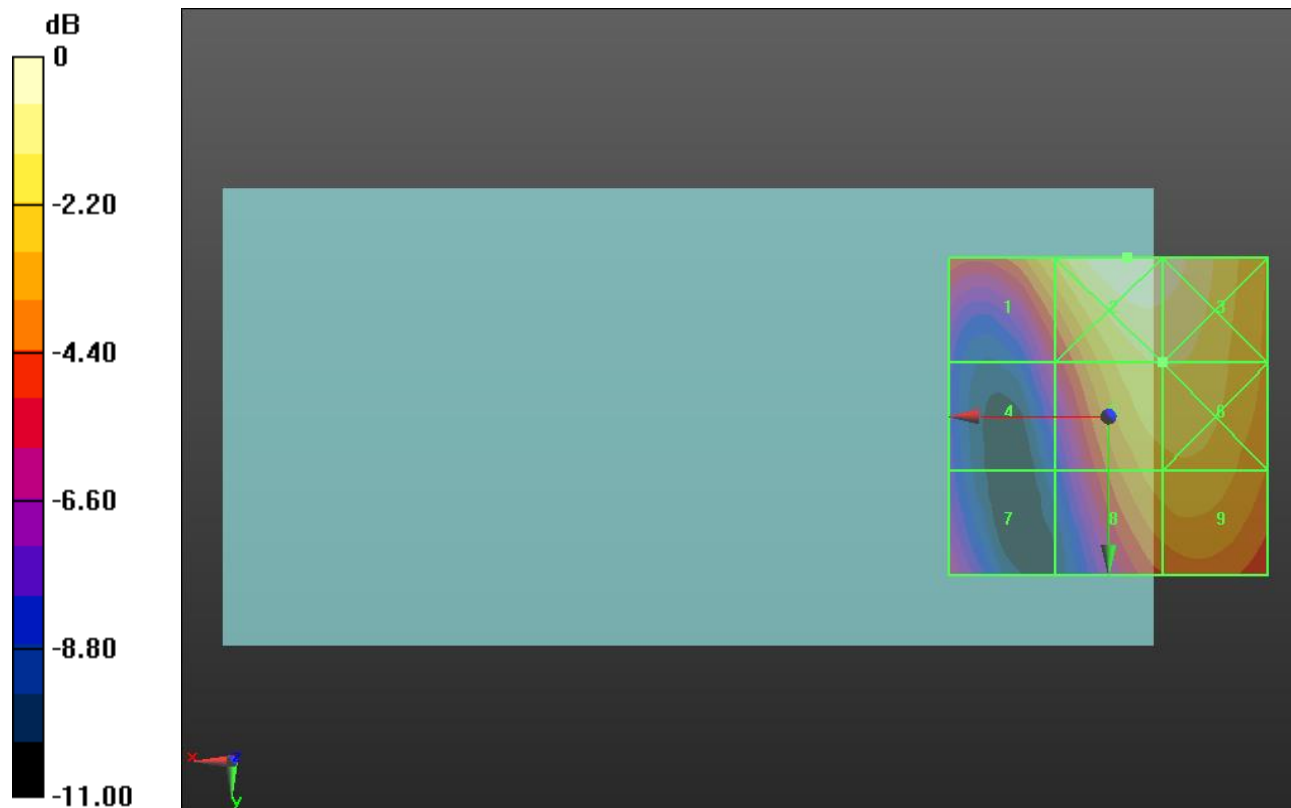
Applied MIF = -2.02 dB

RF audio interference level = 25.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.71 dBV/m	Grid 2 M4 26.67 dBV/m	Grid 3 M4 26.4 dBV/m
Grid 4 M4 20.91 dBV/m	Grid 5 M4 25.24 dBV/m	Grid 6 M4 25.25 dBV/m
Grid 7 M4 20.88 dBV/m	Grid 8 M4 24.18 dBV/m	Grid 9 M4 24.34 dBV/m



0 dB = 21.56 V/m = 26.67 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 = 19.08 V/m; Power Drift = 0.03 dB

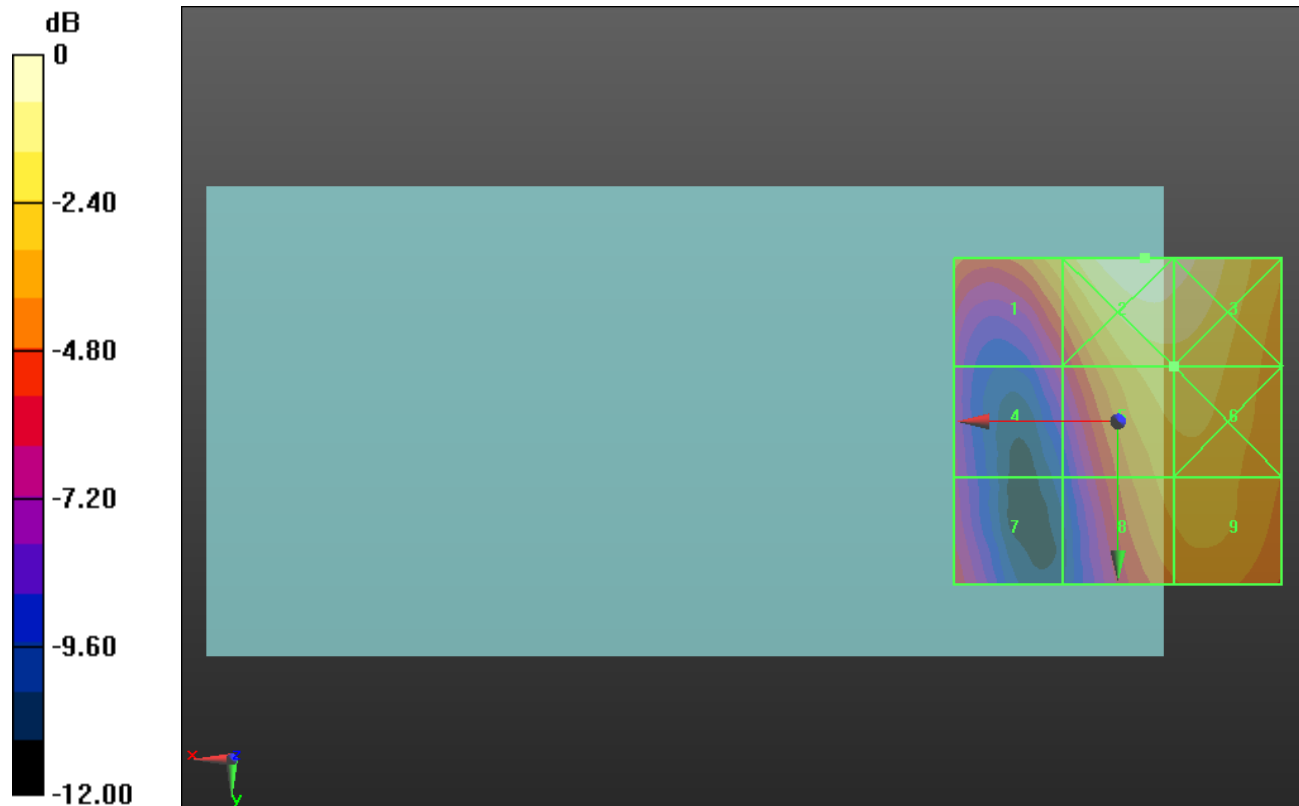
Applied MIF = -2.02 dB

RF audio interference level = 23.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.26 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 25.17 dBV/m
Grid 4 M4 19.07 dBV/m	Grid 5 M4 23.6 dBV/m	Grid 6 M4 23.6 dBV/m
Grid 7 M4 19.88 dBV/m	Grid 8 M4 22.7 dBV/m	Grid 9 M4 22.88 dBV/m



0 dB = 18.84 V/m = 25.50 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 7/22/2020

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.80 V/m; Power Drift = -0.03 dB

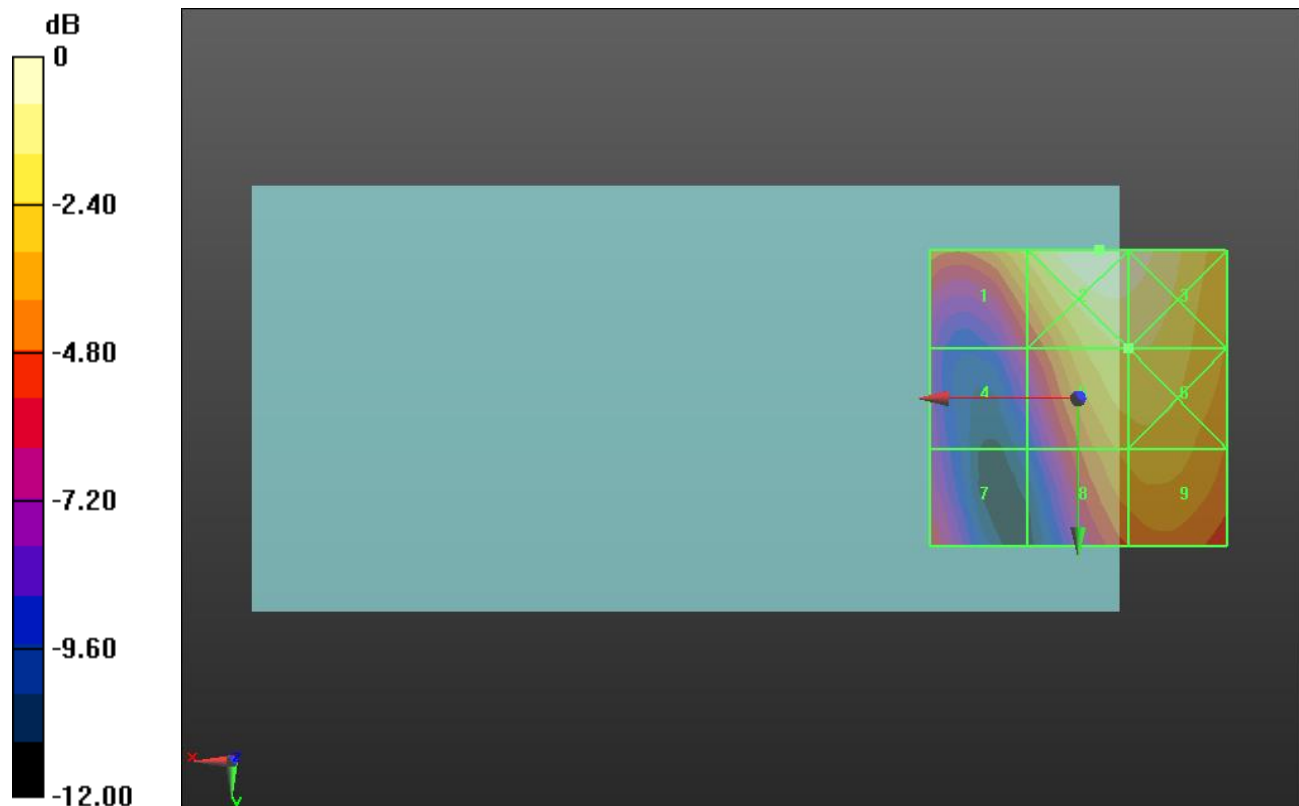
Applied MIF = 0.12 dB

RF audio interference level = 25.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.99 dBV/m	Grid 2 M4 26.99 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 21.03 dBV/m	Grid 5 M4 25.42 dBV/m	Grid 6 M4 25.43 dBV/m
Grid 7 M4 21.32 dBV/m	Grid 8 M4 24.1 dBV/m	Grid 9 M4 24.31 dBV/m



0 dB = 22.36 V/m = 26.99 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 = 18.04 V/m; Power Drift = -0.08 dB

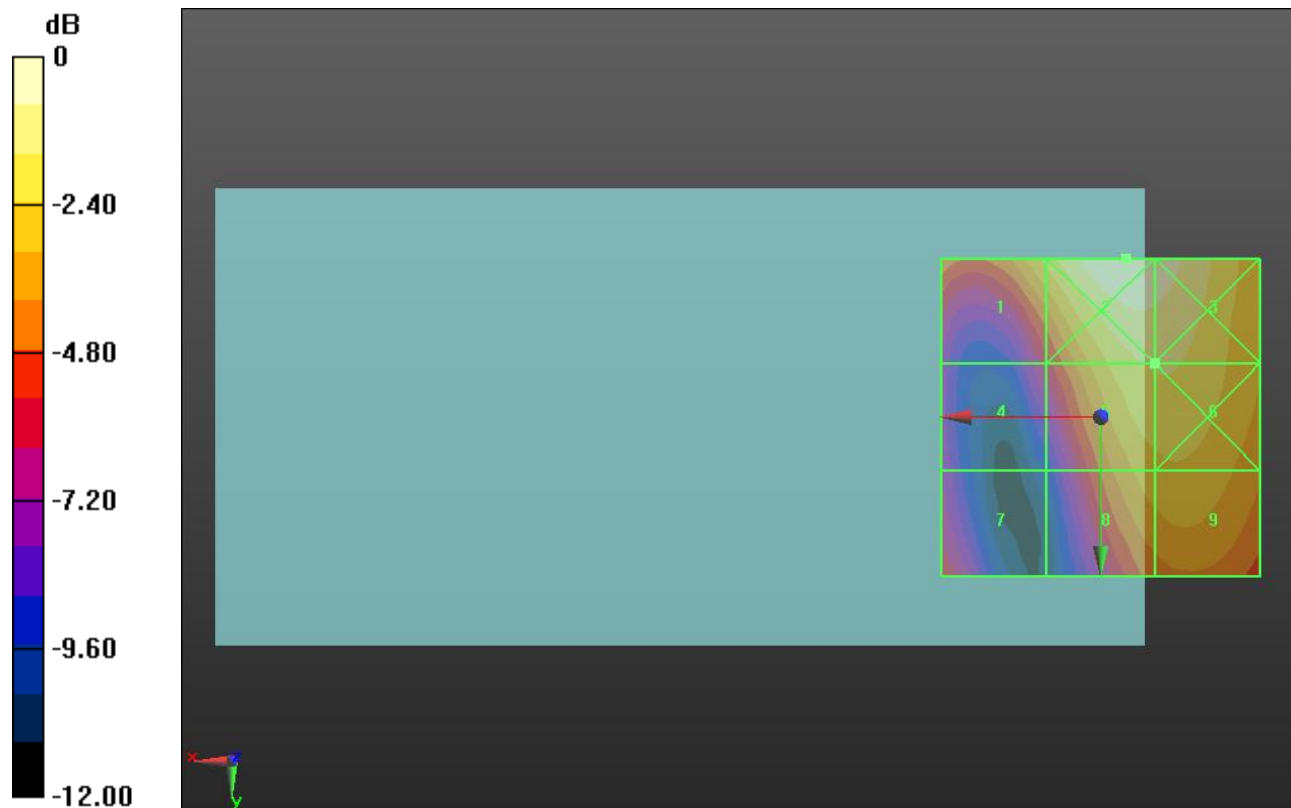
Applied MIF = 0.12 dB

RF audio interference level = 25.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.89 dBV/m	Grid 2 M4 26.96 dBV/m	Grid 3 M4 26.68 dBV/m
Grid 4 M4 21.04 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 25.48 dBV/m
Grid 7 M4 21.35 dBV/m	Grid 8 M4 24.26 dBV/m	Grid 9 M4 24.45 dBV/m



0 dB = 22.29 V/m = 26.96 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.61 V/m; Power Drift = -0.11 dB

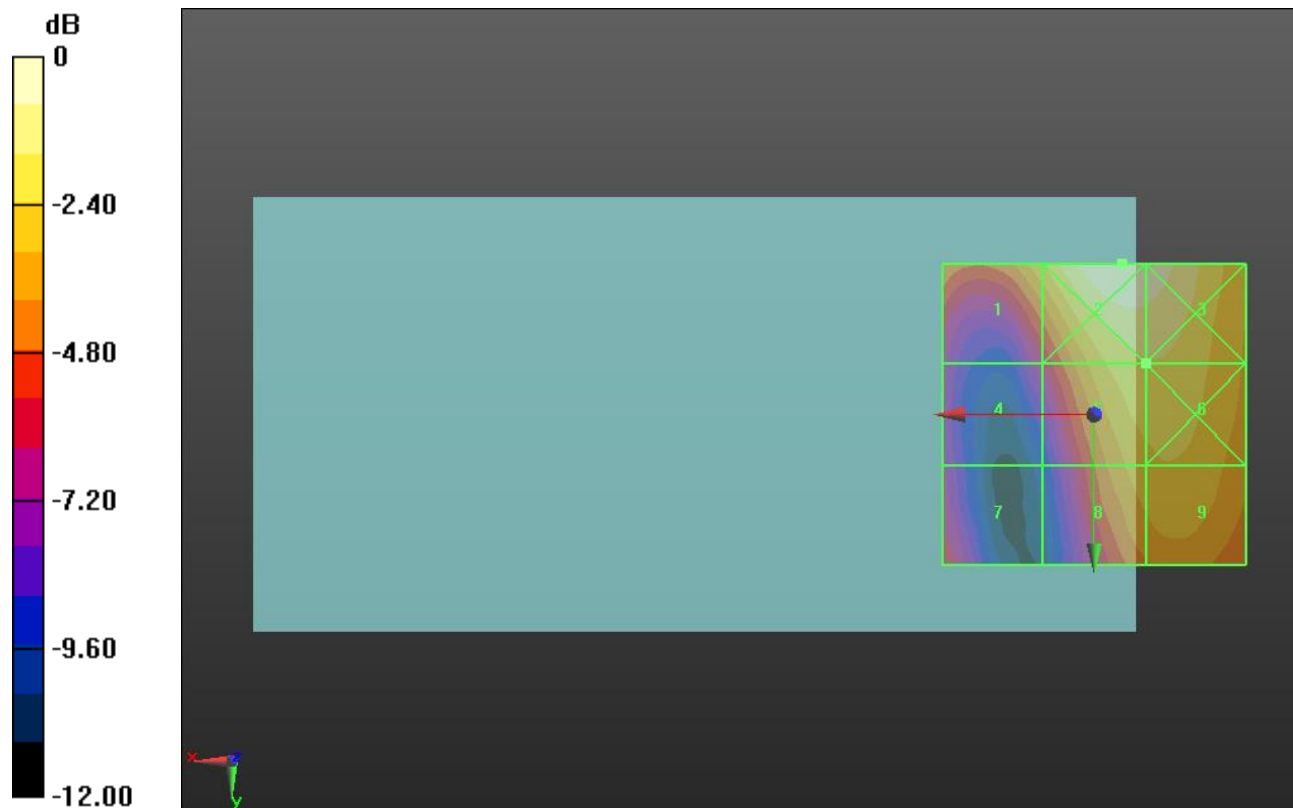
Applied MIF = 0.12 dB

RF audio interference level = 24.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.16 dBV/m	Grid 2 M4 26.55 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 20.18 dBV/m	Grid 5 M4 24.88 dBV/m	Grid 6 M4 24.91 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 23.91 dBV/m	Grid 9 M4 24.13 dBV/m



0 dB = 21.26 V/m = 26.55 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 = 15.95 V/m; Power Drift = -0.08 dB

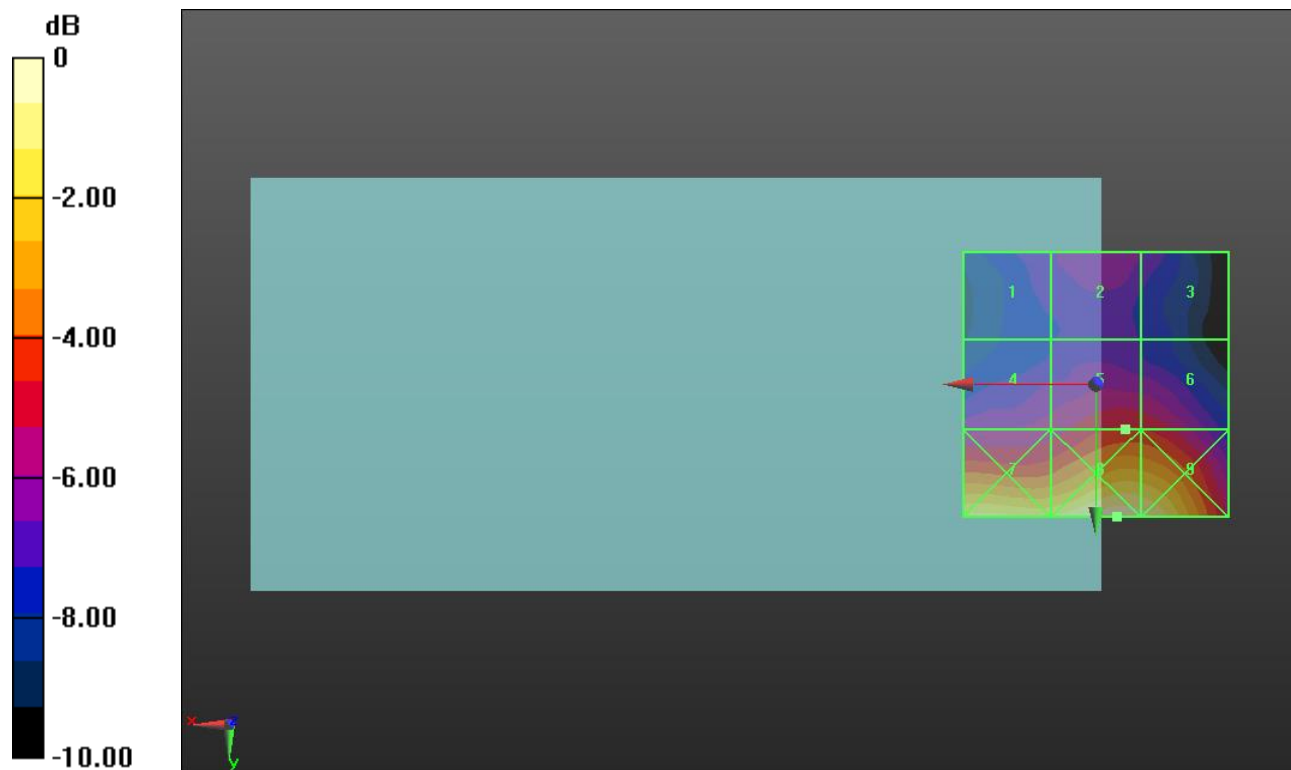
Applied MIF = 3.63 dB

RF audio interference level = 26.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.58 dBV/m	Grid 2 M4 25.28 dBV/m	Grid 3 M4 24.79 dBV/m
Grid 4 M4 25.73 dBV/m	Grid 5 M4 26.79 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M3 30.33 dBV/m	Grid 8 M3 31.34 dBV/m	Grid 9 M3 31.04 dBV/m



0 dB = 36.89 V/m = 31.34 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 = 16.02 V/m; Power Drift = -0.18 dB

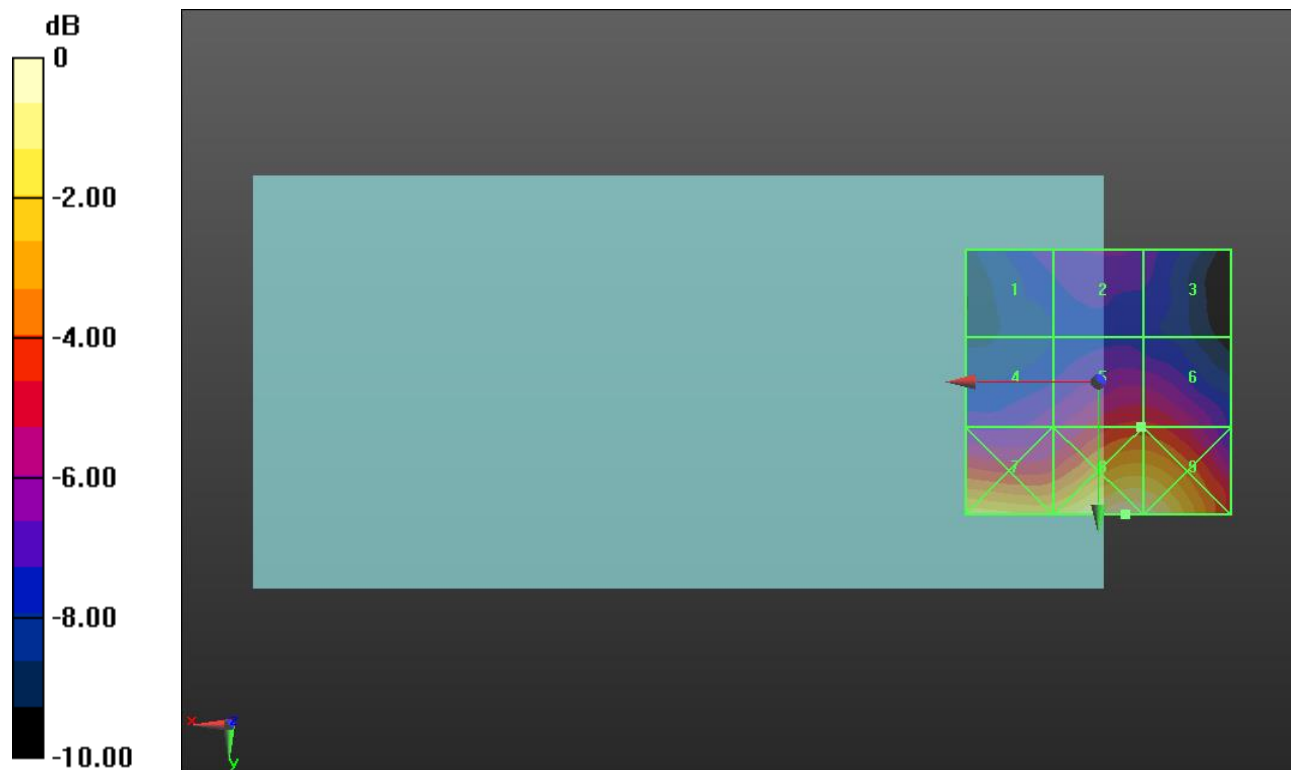
Applied MIF = 3.63 dB

RF audio interference level = 27.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.93 dBV/m	Grid 2 M4 25.28 dBV/m	Grid 3 M4 24.86 dBV/m
Grid 4 M4 25.62 dBV/m	Grid 5 M4 27.39 dBV/m	Grid 6 M4 27.39 dBV/m
Grid 7 M3 30.23 dBV/m	Grid 8 M3 31.76 dBV/m	Grid 9 M3 31.6 dBV/m



0 dB = 38.73 V/m = 31.76 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 = 17.90 V/m; Power Drift = -0.08 dB

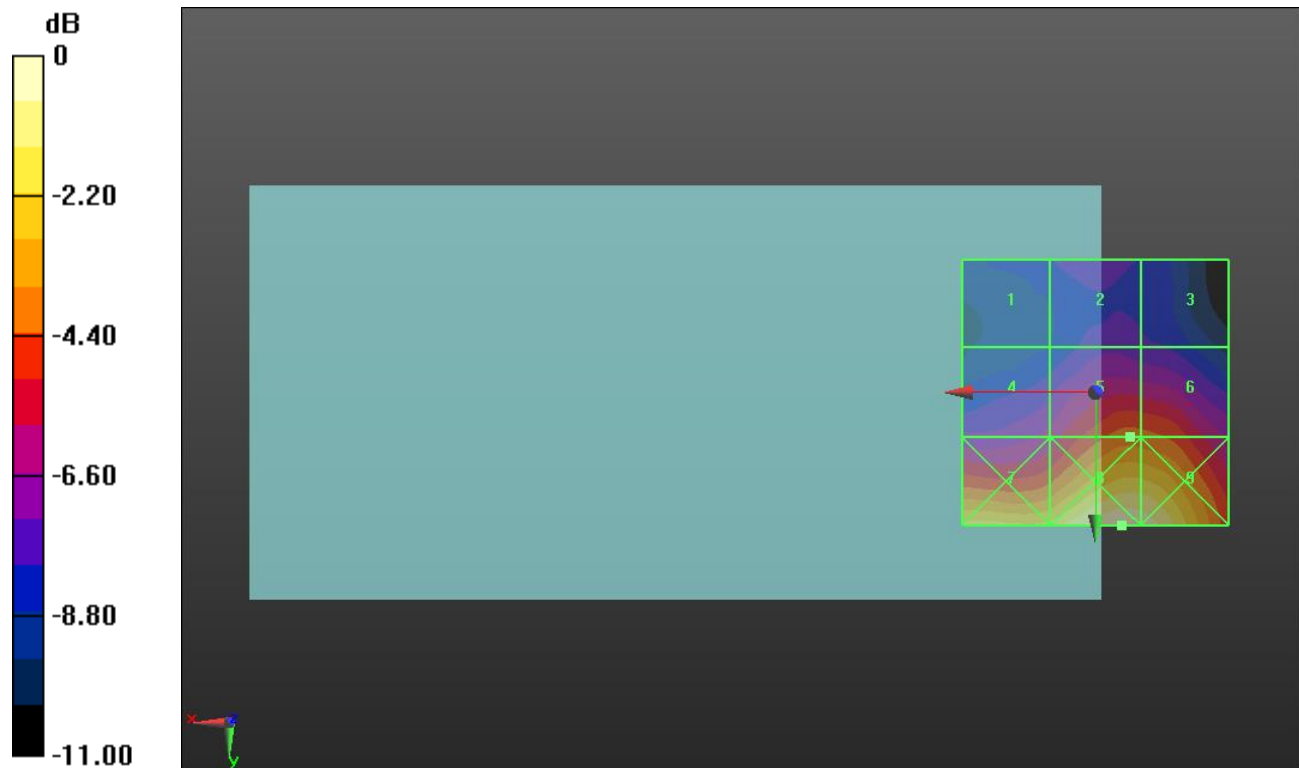
Applied MIF = 3.63 dB

RF audio interference level = 28.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.37 dBV/m	Grid 2 M4 25.02 dBV/m	Grid 3 M4 24.72 dBV/m
Grid 4 M4 26.16 dBV/m	Grid 5 M4 28.43 dBV/m	Grid 6 M4 28.36 dBV/m
Grid 7 M3 30.61 dBV/m	Grid 8 M3 32.43 dBV/m	Grid 9 M3 32.26 dBV/m



0 dB = 41.81 V/m = 32.43 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 = 19.82 V/m; Power Drift = -0.04 dB

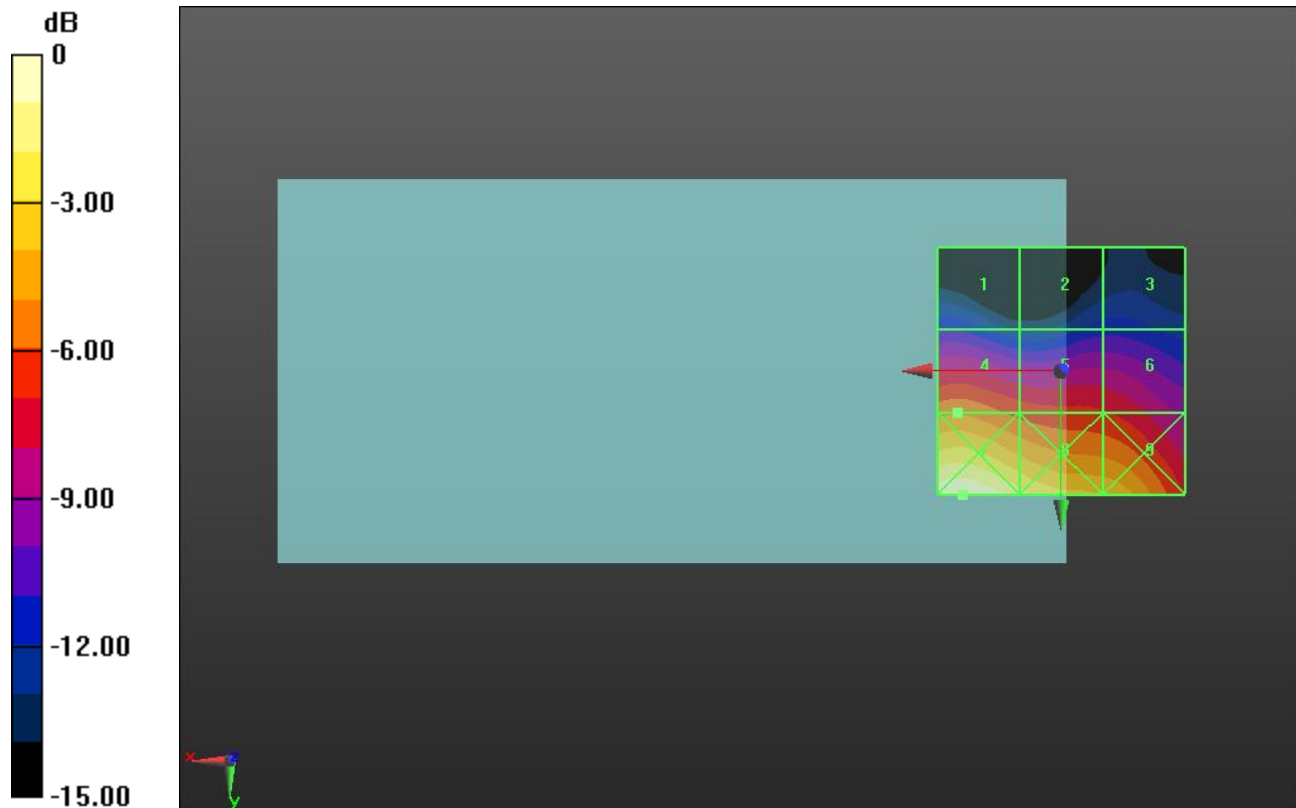
Applied MIF = -1.44 dB

RF audio interference level = 25.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.72 dBV/m	Grid 2 M4 19.3 dBV/m	Grid 3 M4 19.36 dBV/m
Grid 4 M4 25.62 dBV/m	Grid 5 M4 24.42 dBV/m	Grid 6 M4 23.84 dBV/m
Grid 7 M3 30.71 dBV/m	Grid 8 M4 29.16 dBV/m	Grid 9 M4 27.76 dBV/m



0 dB = 34.30 V/m = 30.71 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 19.33 V/m; Power Drift = -0.07 dB

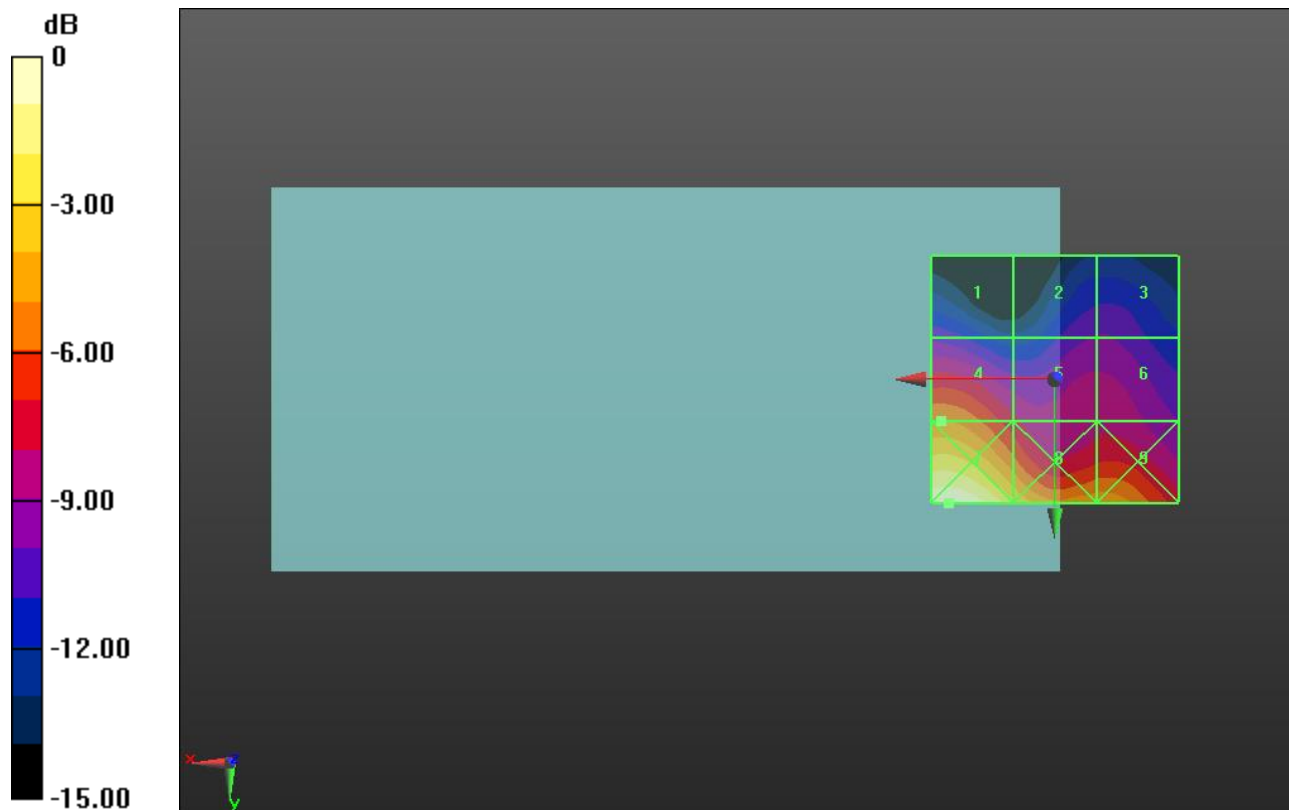
Applied MIF = -1.44 dB

RF audio interference level = 25.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.03 dBV/m	Grid 2 M4 20.36 dBV/m	Grid 3 M4 20.38 dBV/m
Grid 4 M4 25.33 dBV/m	Grid 5 M4 22.65 dBV/m	Grid 6 M4 22.02 dBV/m
Grid 7 M3 30.25 dBV/m	Grid 8 M4 27.6 dBV/m	Grid 9 M4 26.14 dBV/m



0 dB = 32.56 V/m = 30.25 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 = 14.42 V/m; Power Drift = -0.03 dB

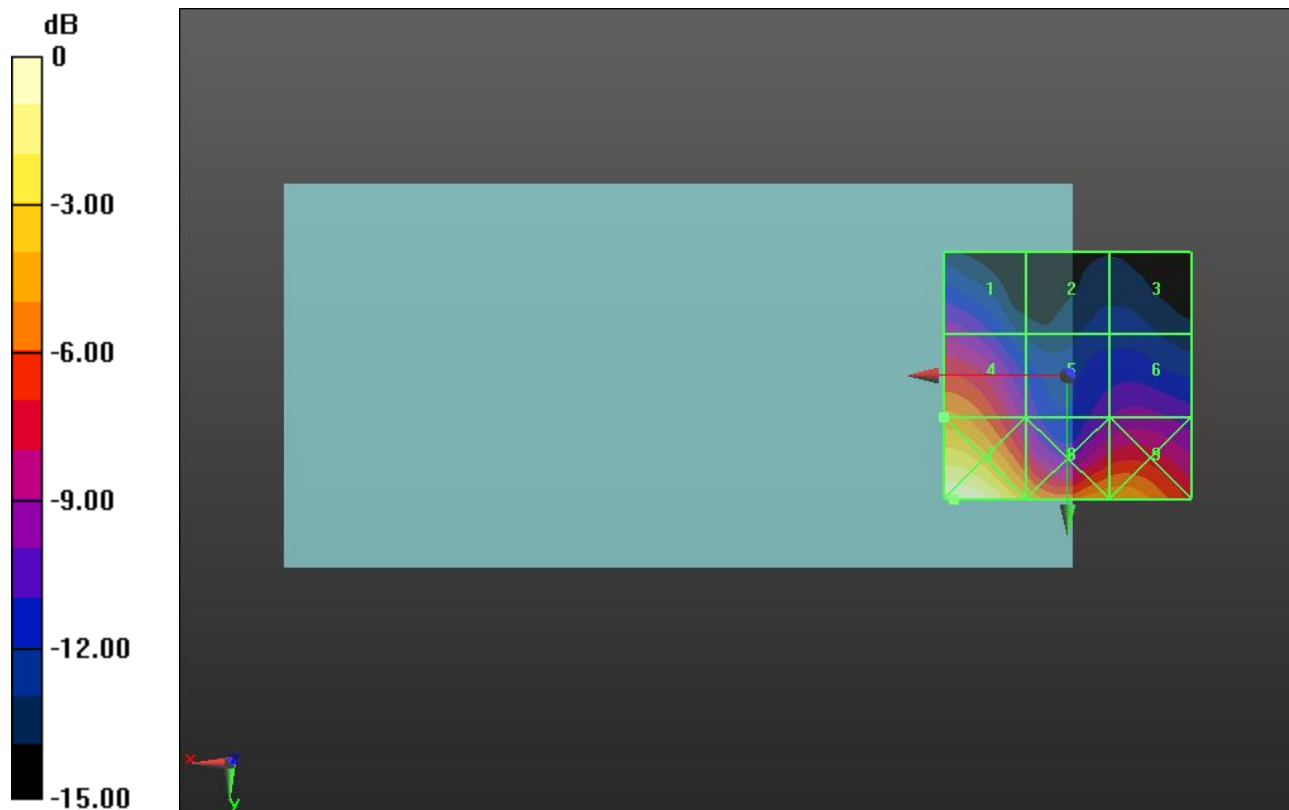
Applied MIF = -1.44 dB

RF audio interference level = 25.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.13 dBV/m	Grid 2 M4 17.91 dBV/m	Grid 3 M4 17.93 dBV/m
Grid 4 M4 25.64 dBV/m	Grid 5 M4 20.73 dBV/m	Grid 6 M4 20.76 dBV/m
Grid 7 M3 30.26 dBV/m	Grid 8 M4 26.71 dBV/m	Grid 9 M4 26.29 dBV/m



0 dB = 32.58 V/m = 30.26 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_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 = 9.135 V/m; Power Drift = 0.02 dB

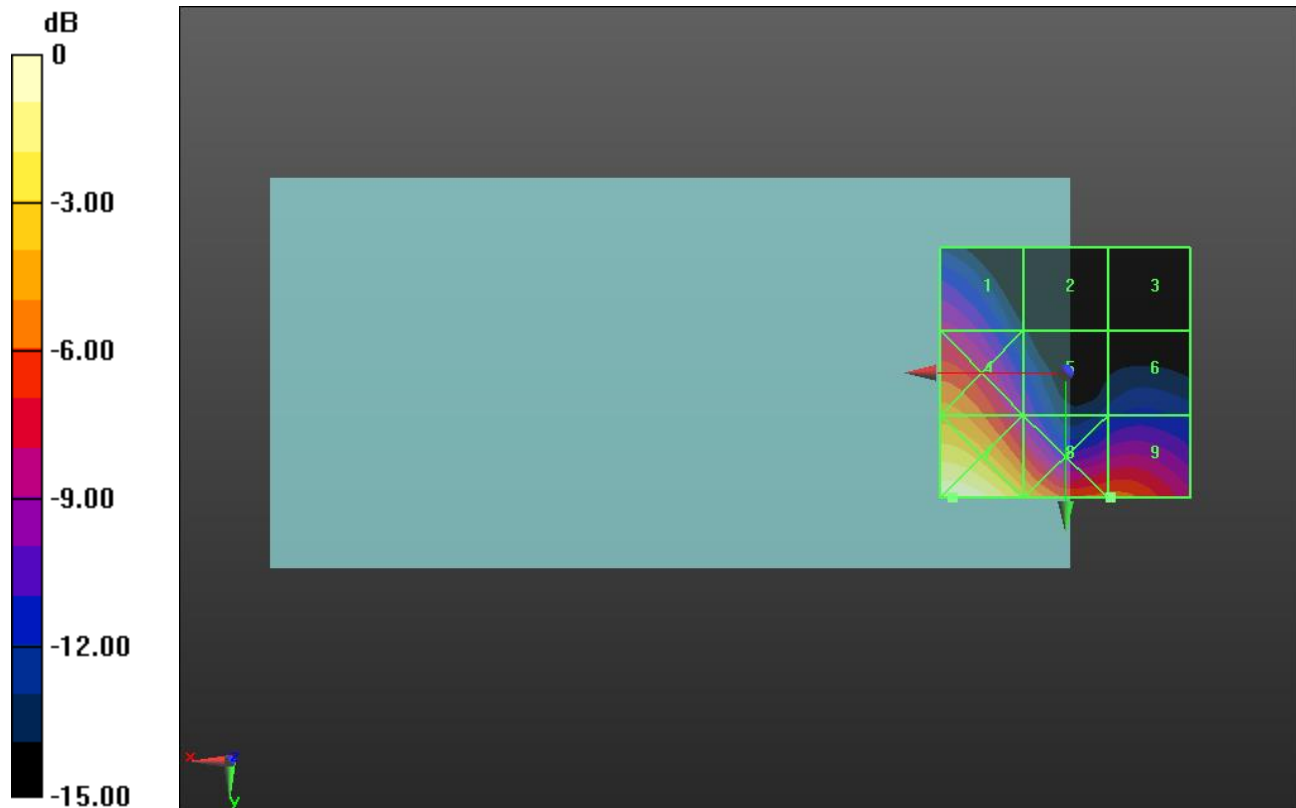
Applied MIF = -1.44 dB

RF audio interference level = 25.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.55 dBV/m	Grid 2 M4 17.37 dBV/m	Grid 3 M4 15.83 dBV/m
Grid 4 M4 26.65 dBV/m	Grid 5 M4 21.61 dBV/m	Grid 6 M4 19.47 dBV/m
Grid 7 M3 31.03 dBV/m	Grid 8 M4 27.95 dBV/m	Grid 9 M4 25.63 dBV/m



0 dB = 35.59 V/m = 31.03 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.09 V/m; Power Drift = 0.03 dB

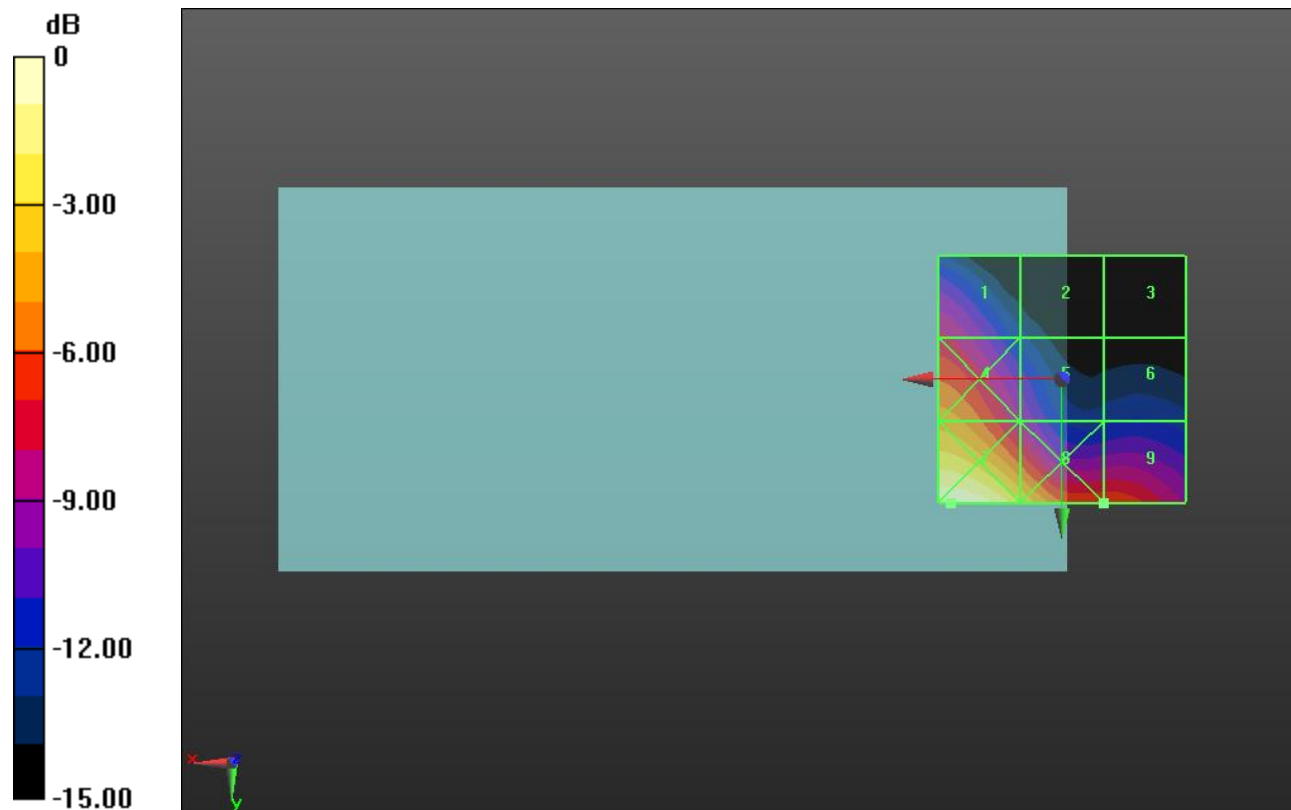
Applied MIF = -1.44 dB

RF audio interference level = 25.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.4 dBV/m	Grid 2 M4 18.67 dBV/m	Grid 3 M4 16.87 dBV/m
Grid 4 M4 26.73 dBV/m	Grid 5 M4 22.32 dBV/m	Grid 6 M4 19.31 dBV/m
Grid 7 M3 31.09 dBV/m	Grid 8 M4 28.35 dBV/m	Grid 9 M4 25.07 dBV/m



0 dB = 35.84 V/m = 31.09 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.07 V/m; Power Drift = 0.02 dB

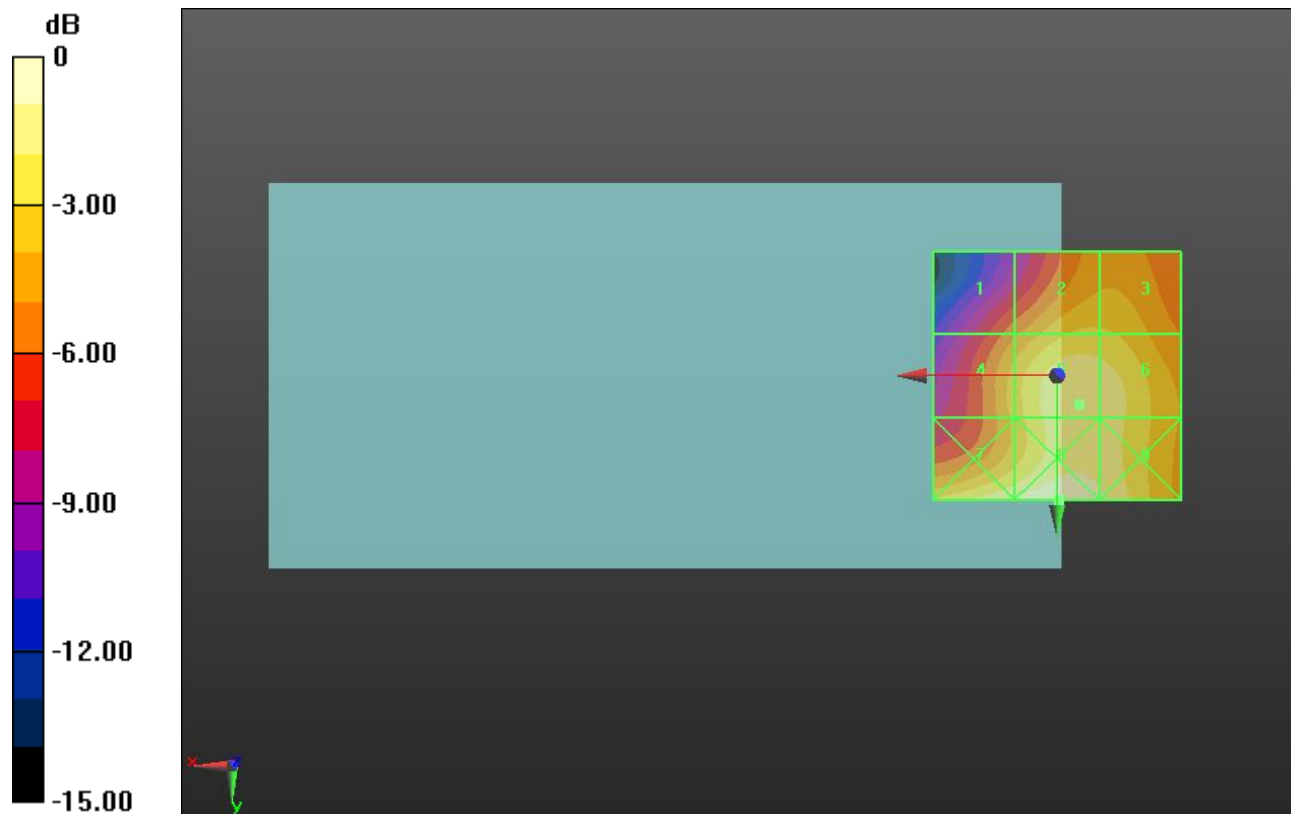
Applied MIF = -1.44 dB

RF audio interference level = 27.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.85 dBV/m	Grid 2 M4 25.33 dBV/m	Grid 3 M4 25.29 dBV/m
Grid 4 M4 24.68 dBV/m	Grid 5 M4 27.03 dBV/m	Grid 6 M4 26.82 dBV/m
Grid 7 M4 27.34 dBV/m	Grid 8 M4 28.09 dBV/m	Grid 9 M4 27.37 dBV/m



0 dB = 25.37 V/m = 28.09 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 36.85 V/m; Power Drift = -0.03 dB

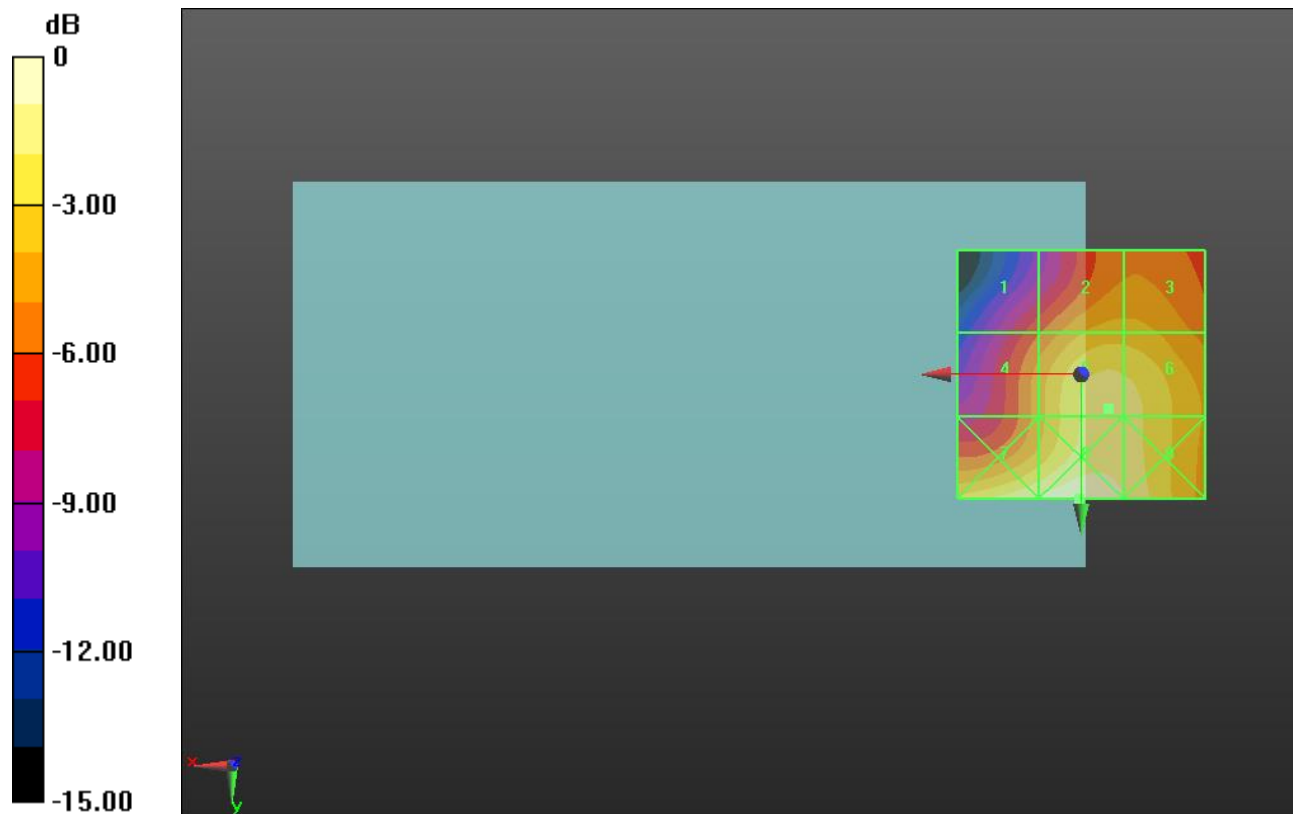
Applied MIF = -1.44 dB

RF audio interference level = 27.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23 dBV/m	Grid 2 M4 25.61 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 24.7 dBV/m	Grid 5 M4 27.58 dBV/m	Grid 6 M4 27.45 dBV/m
Grid 7 M4 28.38 dBV/m	Grid 8 M4 29.07 dBV/m	Grid 9 M4 28.2 dBV/m



0 dB = 28.41 V/m = 29.07 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 = 38.96 V/m; Power Drift = -0.05 dB

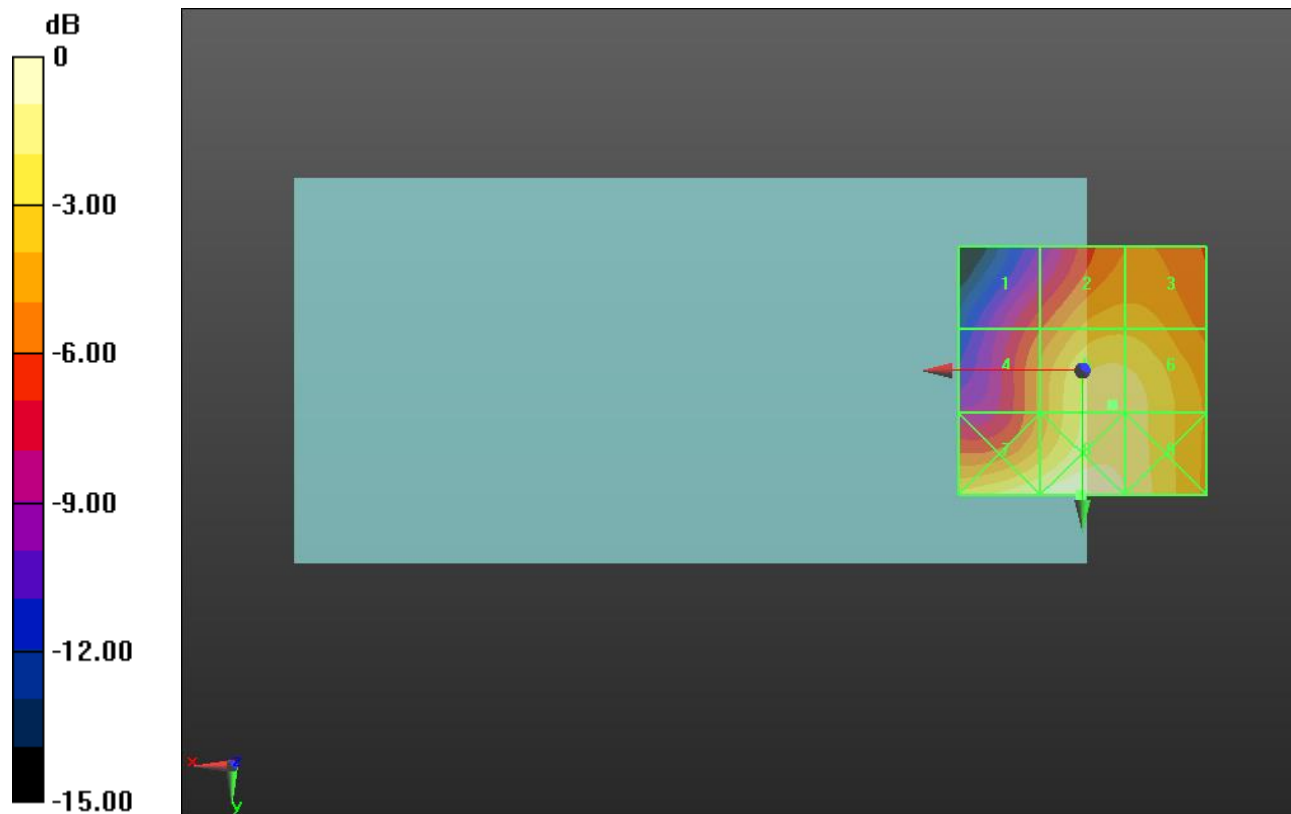
Applied MIF = -1.44 dB

RF audio interference level = 28.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.47 dBV/m	Grid 2 M4 26.35 dBV/m	Grid 3 M4 26.34 dBV/m
Grid 4 M4 24.9 dBV/m	Grid 5 M4 28.13 dBV/m	Grid 6 M4 28.03 dBV/m
Grid 7 M4 28.9 dBV/m	Grid 8 M4 29.54 dBV/m	Grid 9 M4 28.68 dBV/m



0 dB = 30.00 V/m = 29.54 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 = 42.63 V/m; Power Drift = -0.03 dB

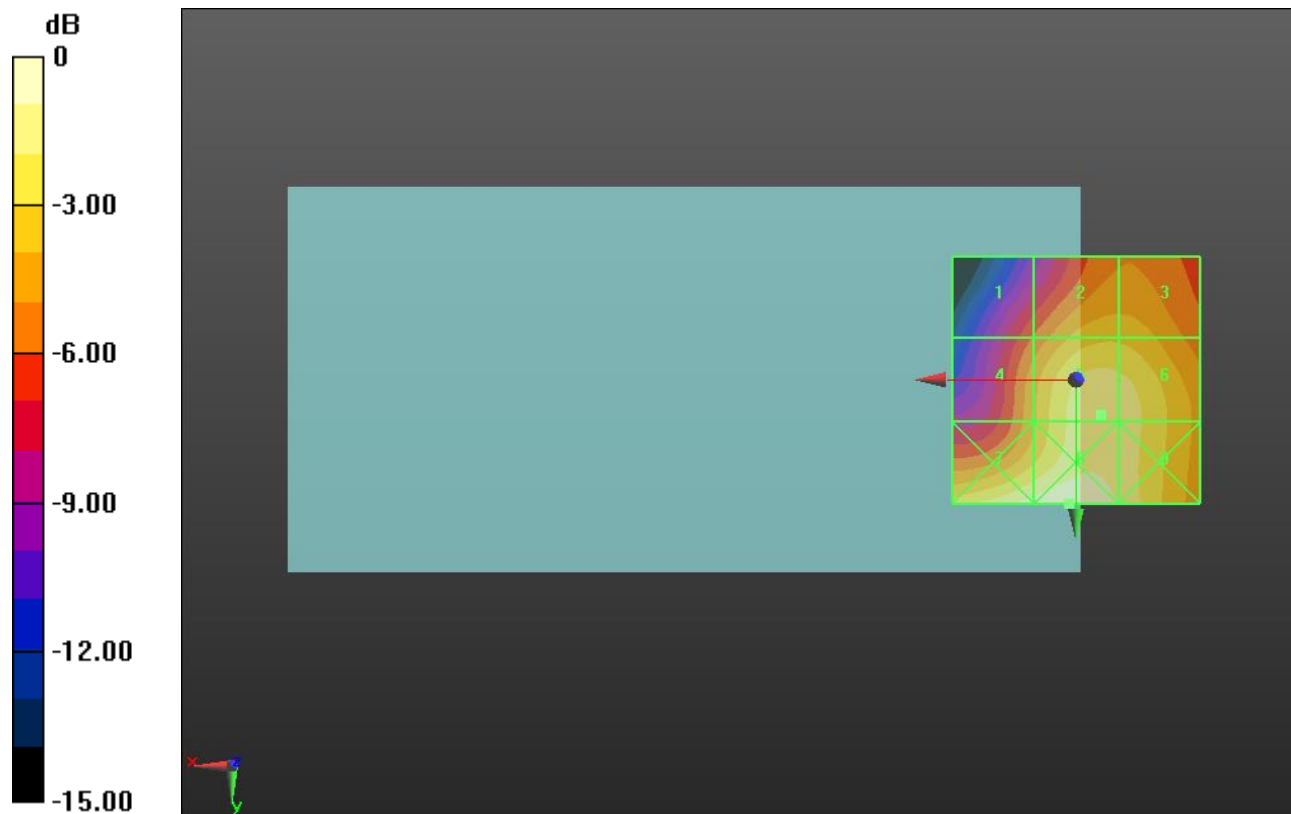
Applied MIF = -1.44 dB

RF audio interference level = 28.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.3 dBV/m	Grid 2 M4 26.98 dBV/m	Grid 3 M4 26.95 dBV/m
Grid 4 M4 26.02 dBV/m	Grid 5 M4 28.9 dBV/m	Grid 6 M4 28.73 dBV/m
Grid 7 M4 29.66 dBV/m	Grid 8 M3 30.13 dBV/m	Grid 9 M4 29.07 dBV/m



0 dB = 32.09 V/m = 30.13 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 = 20.91 V/m; Power Drift = -0.56 dB

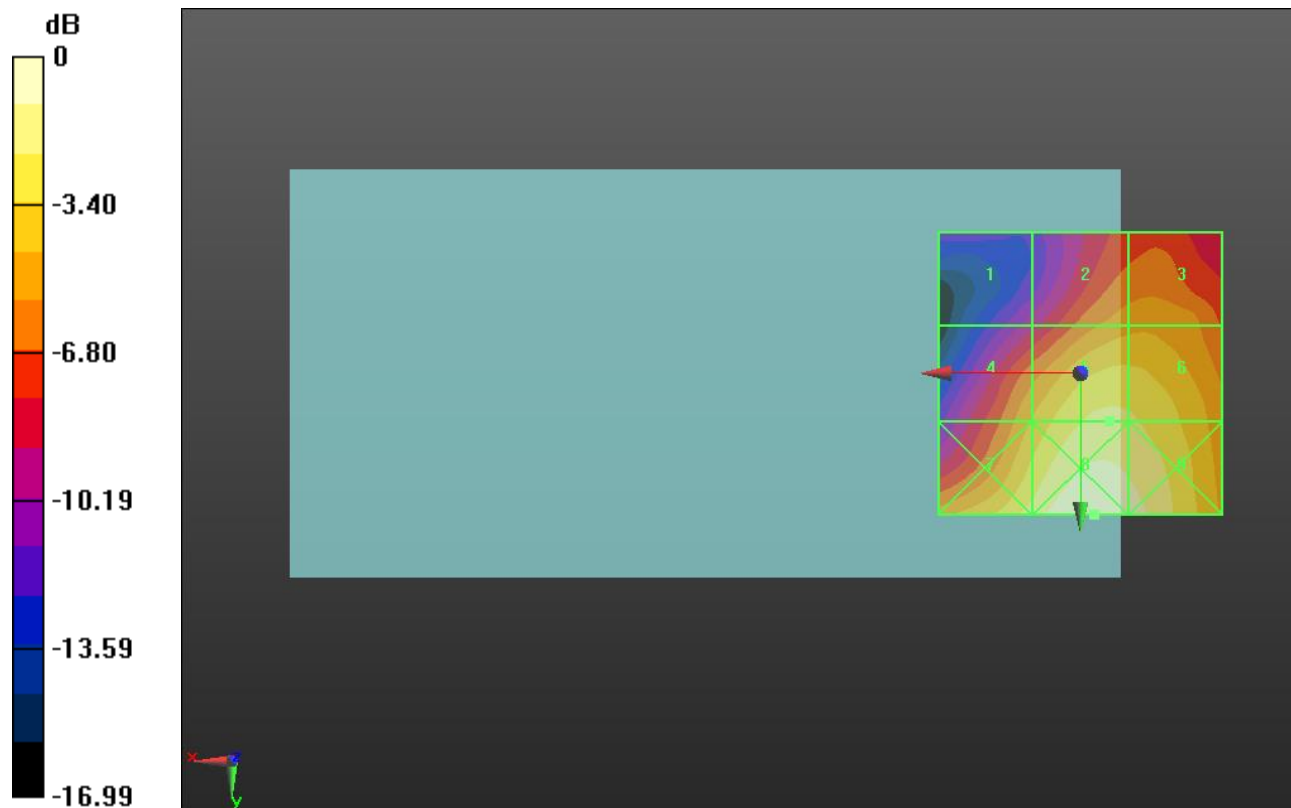
Applied MIF = -2.02 dB

RF audio interference level = 23.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.7 dBV/m	Grid 2 M4 20.31 dBV/m	Grid 3 M4 20.44 dBV/m
Grid 4 M4 20.74 dBV/m	Grid 5 M4 23.25 dBV/m	Grid 6 M4 23.08 dBV/m
Grid 7 M4 23.46 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 24.61 dBV/m



0 dB = 18.12 V/m = 25.16 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 = 27.92 V/m; Power Drift = -0.03 dB

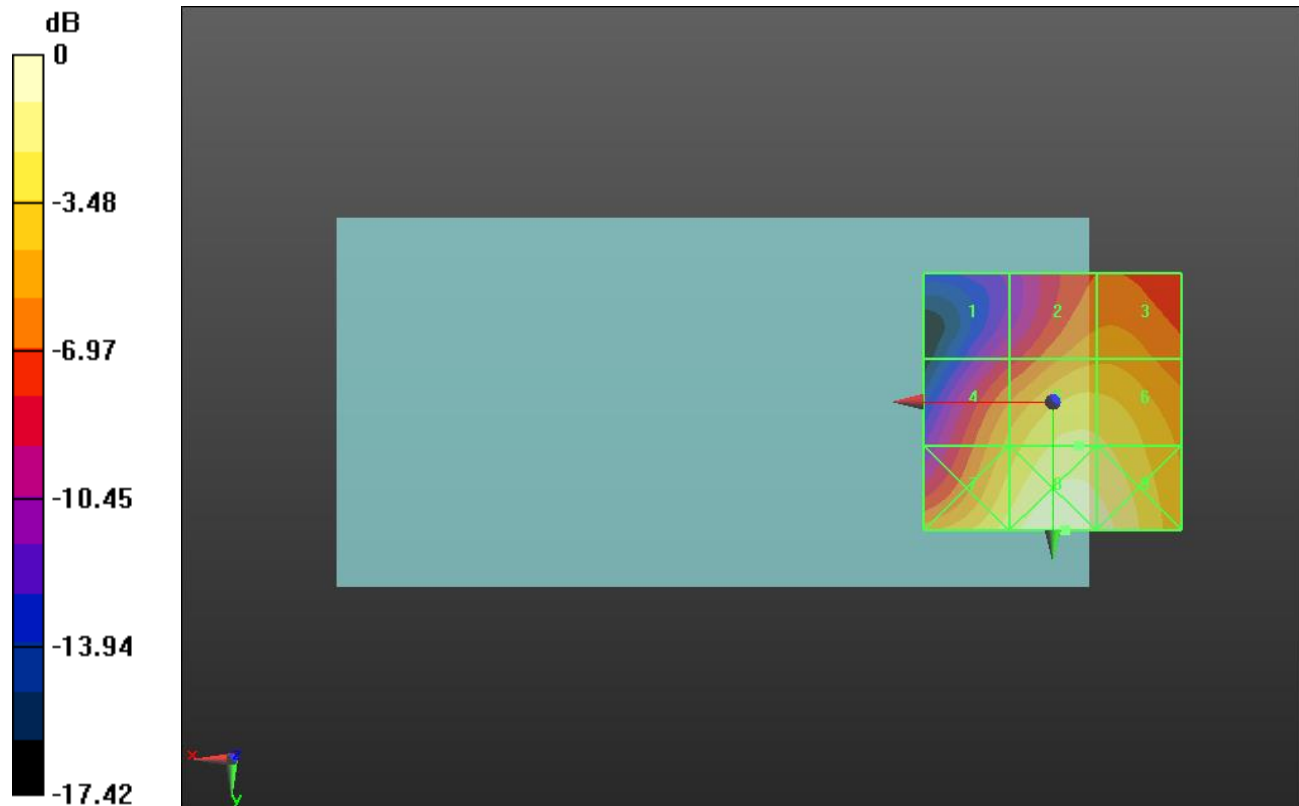
Applied MIF = -2.02 dB

RF audio interference level = 25.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.03 dBV/m	Grid 2 M4 23.02 dBV/m	Grid 3 M4 23.05 dBV/m
Grid 4 M4 23.64 dBV/m	Grid 5 M4 25.95 dBV/m	Grid 6 M4 25.78 dBV/m
Grid 7 M4 26.22 dBV/m	Grid 8 M4 27.86 dBV/m	Grid 9 M4 27.37 dBV/m



0 dB = 24.72 V/m = 27.86 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 = 25.28 V/m; Power Drift = 0.13 dB

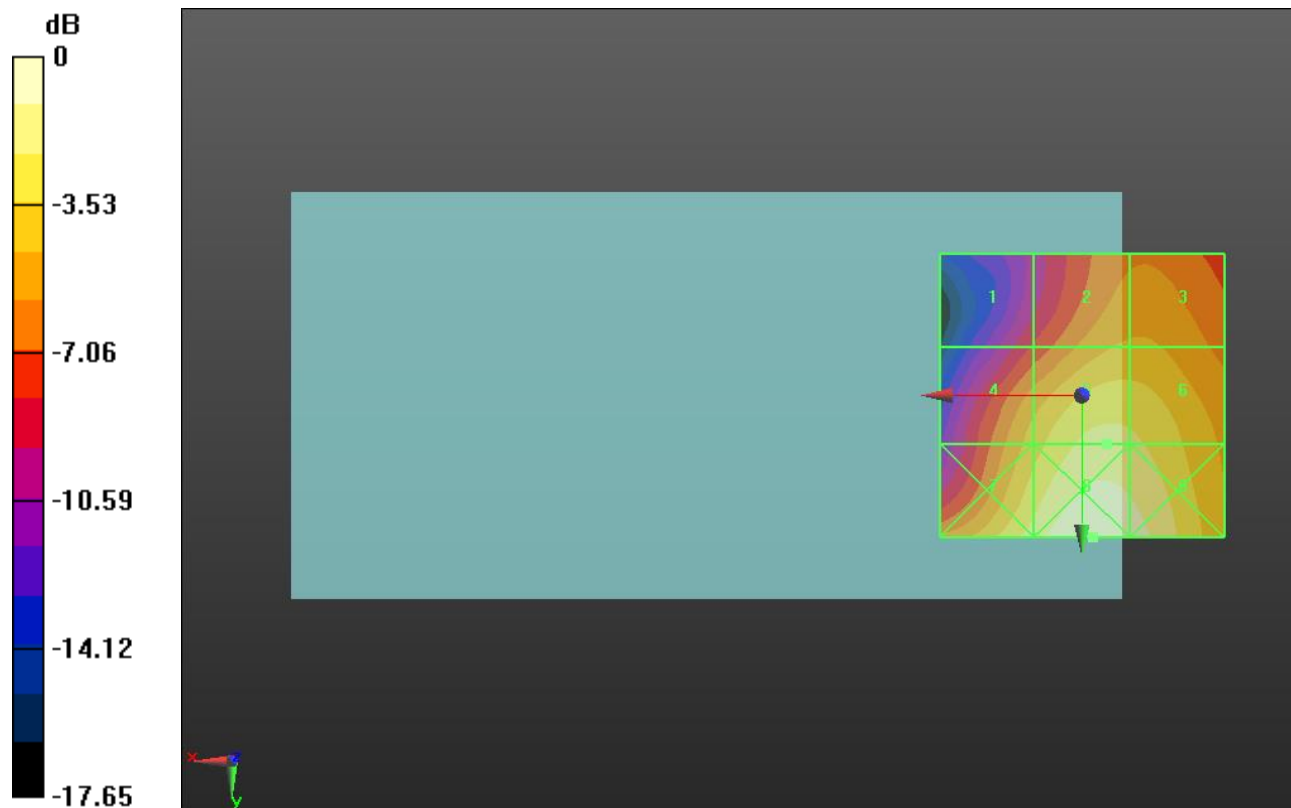
Applied MIF = -2.02 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.13 dBV/m	Grid 2 M4 22.64 dBV/m	Grid 3 M4 22.65 dBV/m
Grid 4 M4 23.04 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 24.99 dBV/m
Grid 7 M4 25.39 dBV/m	Grid 8 M4 27.1 dBV/m	Grid 9 M4 26.57 dBV/m



0 dB = 22.64 V/m = 27.10 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 = 20.93 V/m; Power Drift = -0.01 dB

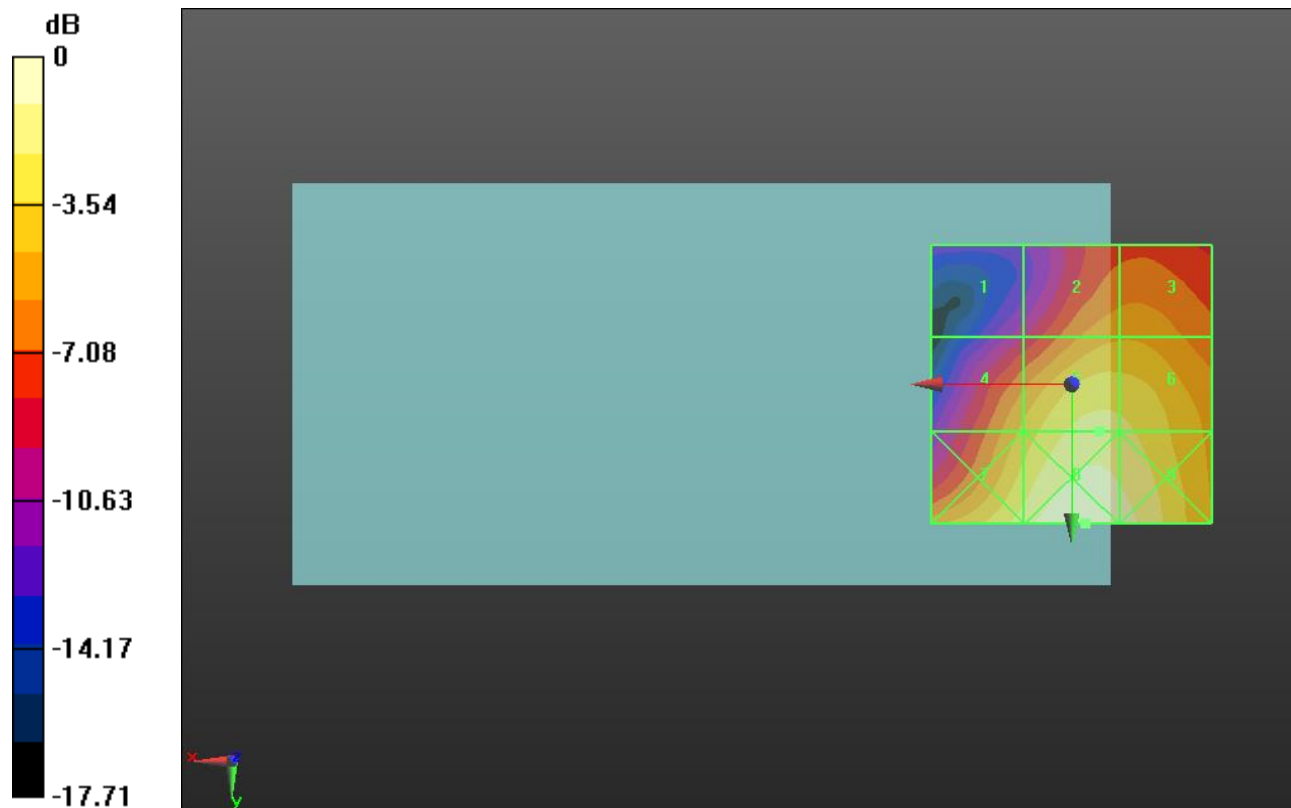
Applied MIF = 0.12 dB

RF audio interference level = 25.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.84 dBV/m	Grid 2 M4 22.49 dBV/m	Grid 3 M4 22.53 dBV/m
Grid 4 M4 23.02 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 25.28 dBV/m
Grid 7 M4 25.64 dBV/m	Grid 8 M4 27.33 dBV/m	Grid 9 M4 26.77 dBV/m



0 dB = 23.25 V/m = 27.33 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 = 26.06 V/m; Power Drift = -0.44 dB

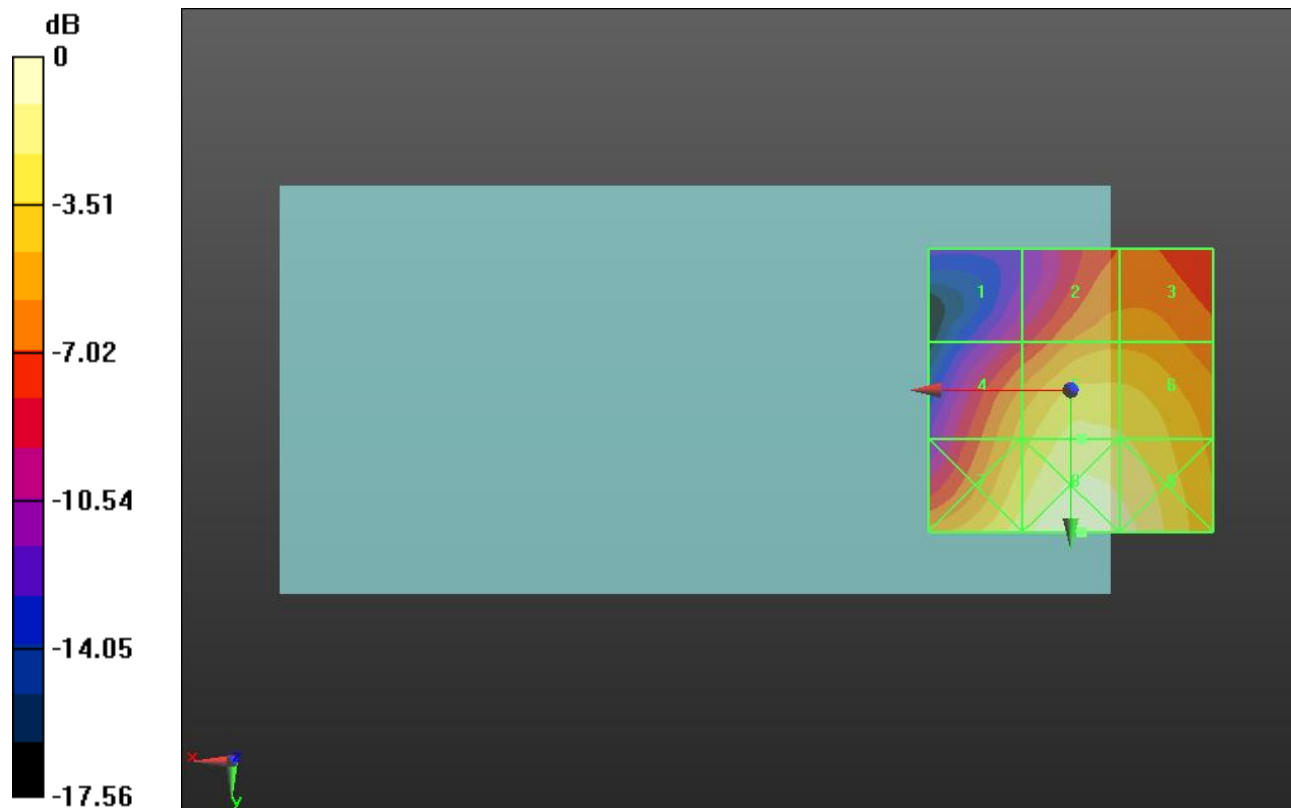
Applied MIF = 0.12 dB

RF audio interference level = 27.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.28 dBV/m	Grid 2 M4 24.06 dBV/m	Grid 3 M4 24.07 dBV/m
Grid 4 M4 24.93 dBV/m	Grid 5 M4 27.06 dBV/m	Grid 6 M4 26.77 dBV/m
Grid 7 M4 27.41 dBV/m	Grid 8 M4 28.98 dBV/m	Grid 9 M4 28.39 dBV/m



0 dB = 28.11 V/m = 28.98 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.53 V/m; Power Drift = -0.23 dB

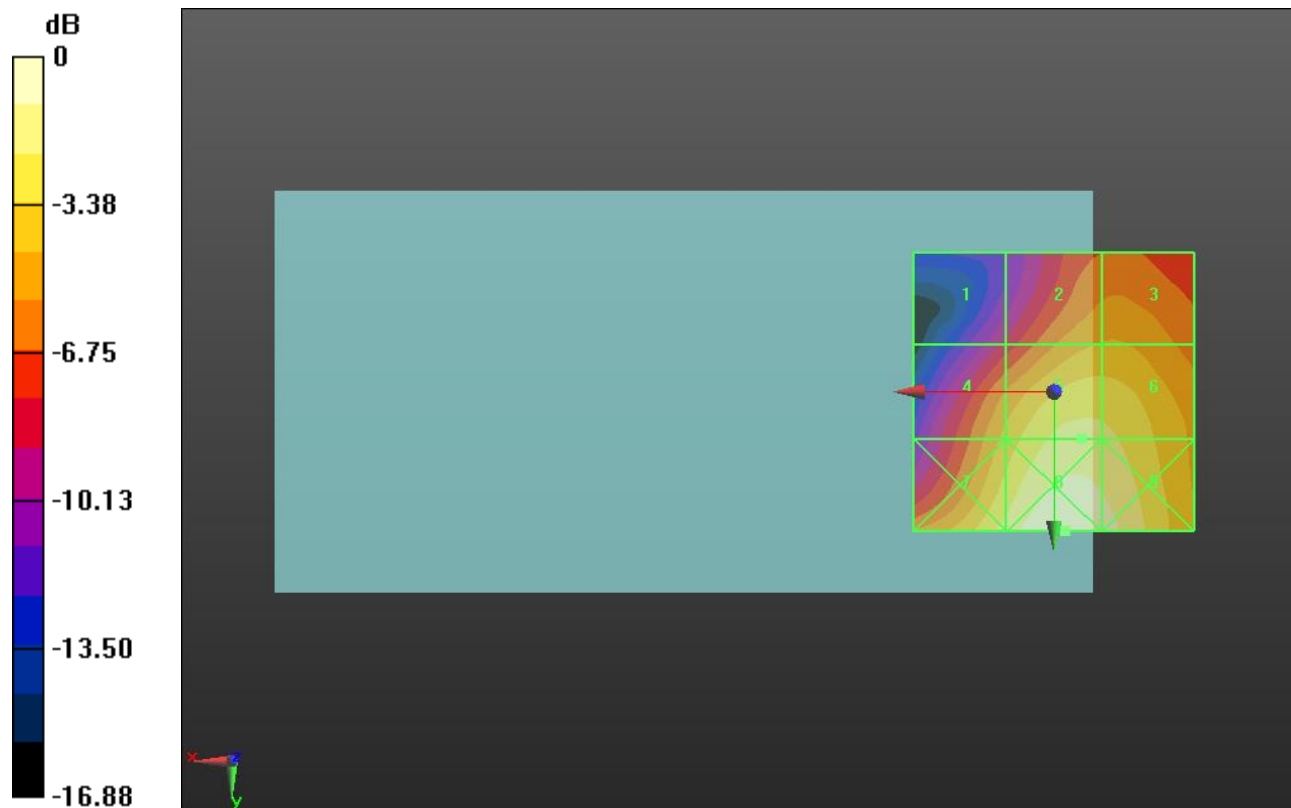
Applied MIF = 0.12 dB

RF audio interference level = 25.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.82 dBV/m	Grid 2 M4 22.92 dBV/m	Grid 3 M4 22.97 dBV/m
Grid 4 M4 23.26 dBV/m	Grid 5 M4 25.53 dBV/m	Grid 6 M4 25.39 dBV/m
Grid 7 M4 25.65 dBV/m	Grid 8 M4 27.32 dBV/m	Grid 9 M4 26.79 dBV/m



0 dB = 23.23 V/m = 27.32 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 = 7.048 V/m; Power Drift = -0.36 dB

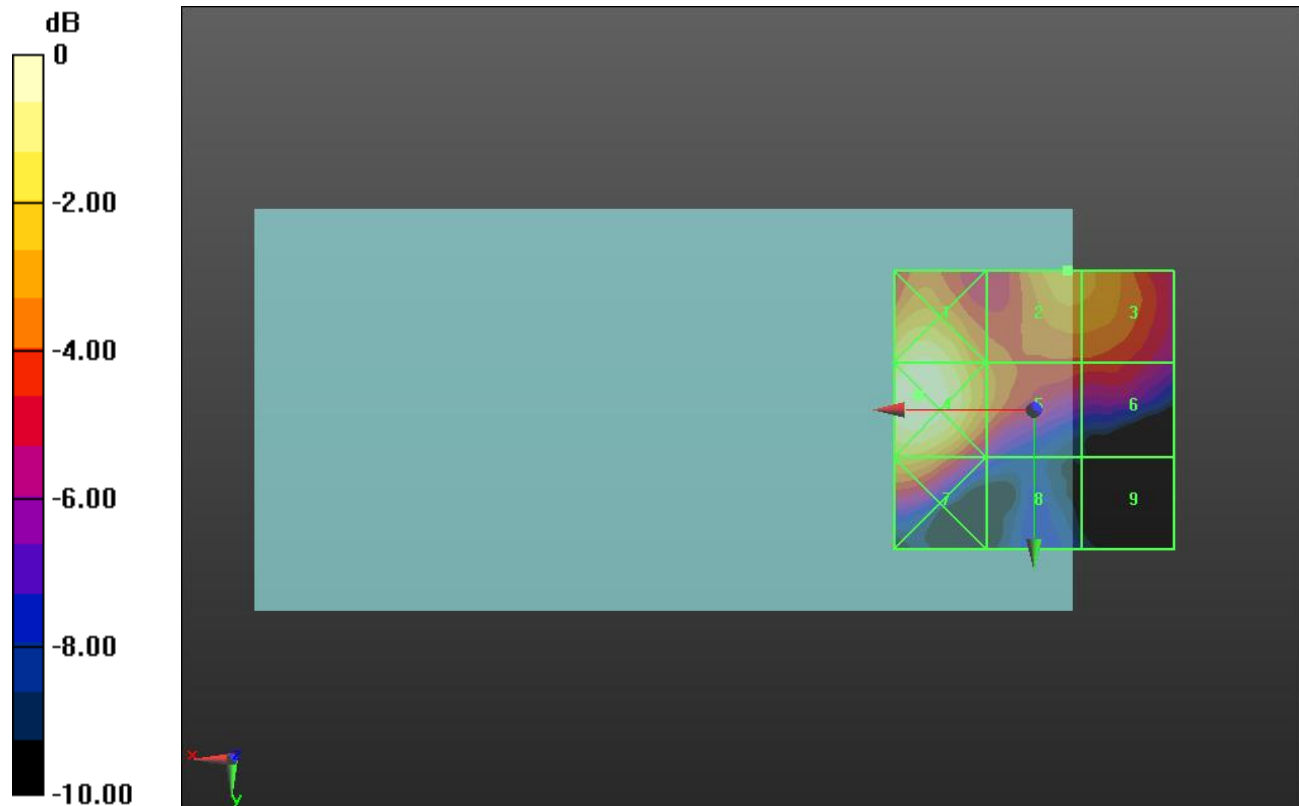
Applied MIF = -5.82 dB

RF audio interference level = 13.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.8 dBV/m	Grid 2 M4 13.17 dBV/m	Grid 3 M4 12.91 dBV/m
Grid 4 M4 15.3 dBV/m	Grid 5 M4 12.46 dBV/m	Grid 6 M4 11.15 dBV/m
Grid 7 M4 13.19 dBV/m	Grid 8 M4 8.76 dBV/m	Grid 9 M4 6.84 dBV/m



0 dB = 5.823 V/m = 15.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.181 V/m; Power Drift = -0.74 dB

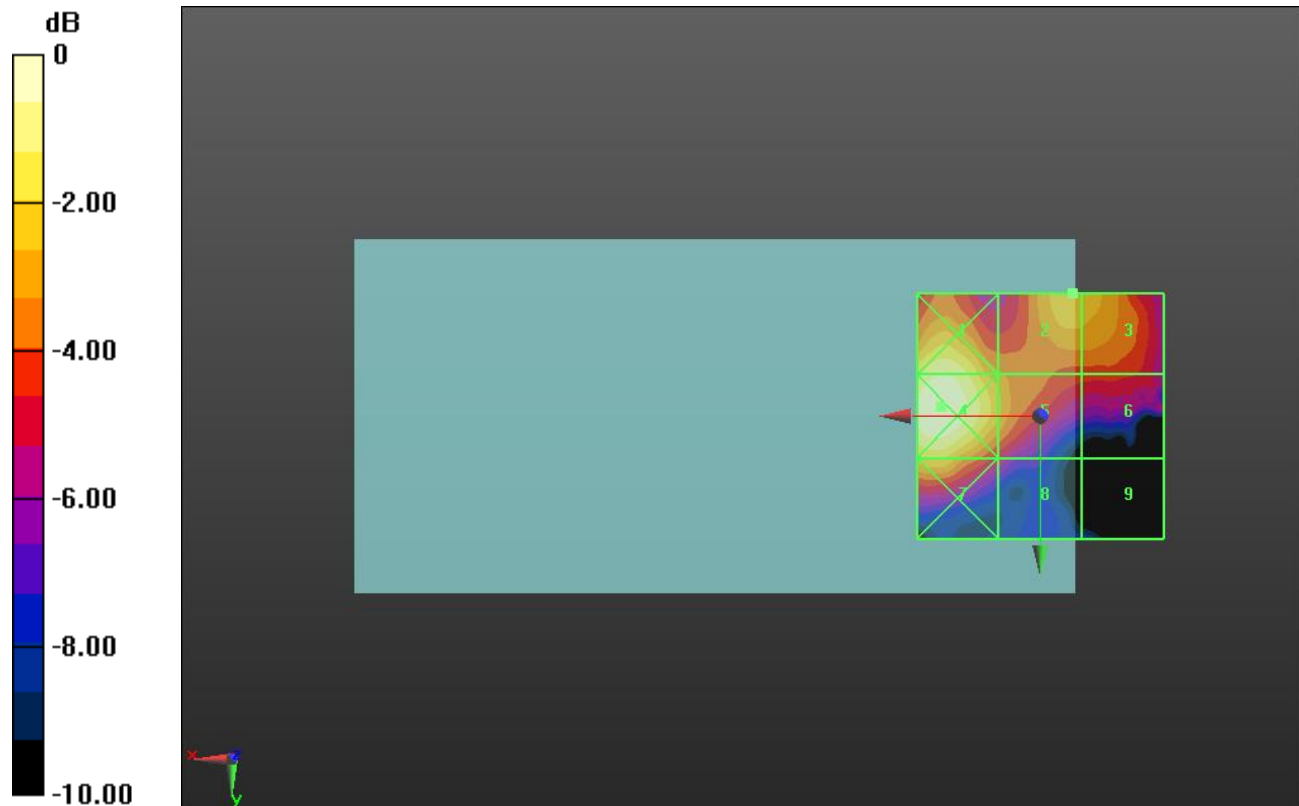
Applied MIF = -5.82 dB

RF audio interference level = 11.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.15 dBV/m	Grid 2 M4 11.77 dBV/m	Grid 3 M4 11.62 dBV/m
Grid 4 M4 13.81 dBV/m	Grid 5 M4 11.35 dBV/m	Grid 6 M4 9.52 dBV/m
Grid 7 M4 11.94 dBV/m	Grid 8 M4 8.72 dBV/m	Grid 9 M4 5.79 dBV/m



0 dB = 4.904 V/m = 13.81 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.055 V/m; Power Drift = -1.25 dB

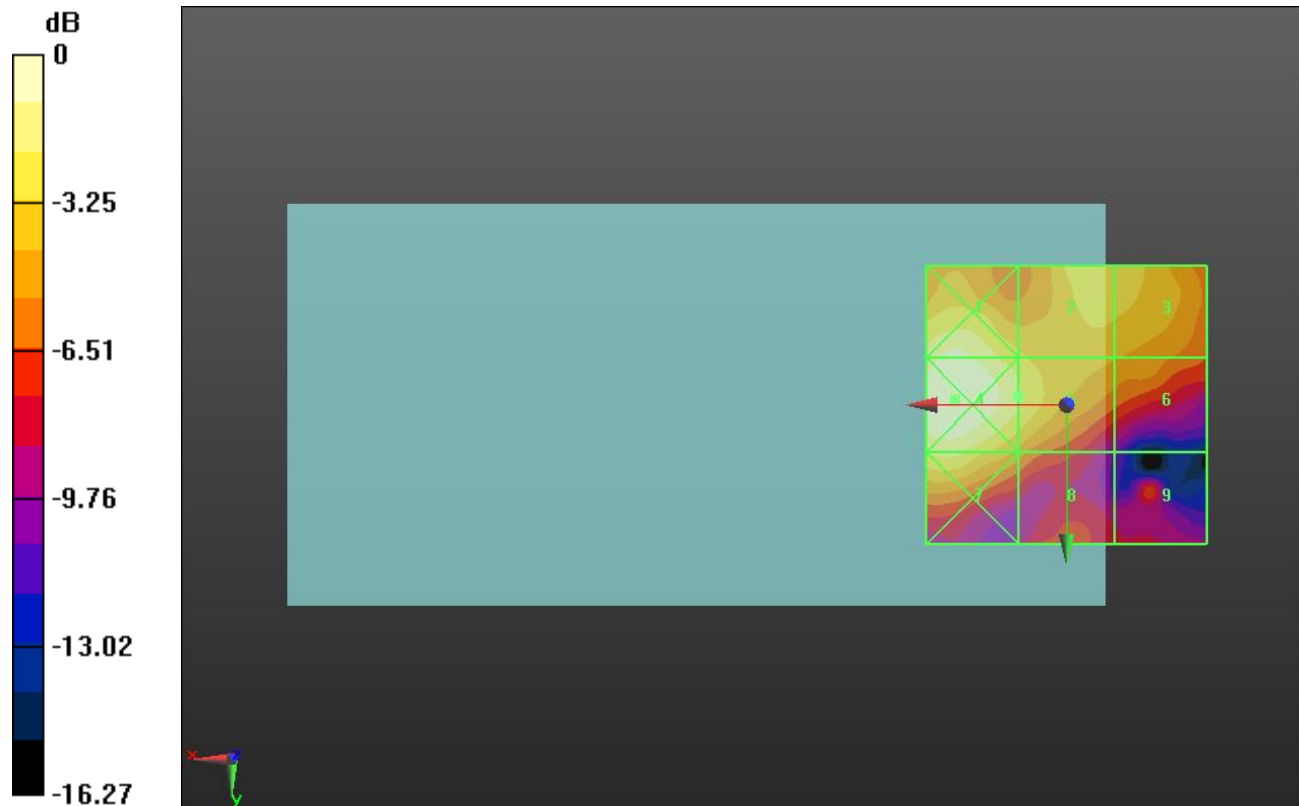
Applied MIF = -5.82 dB

RF audio interference level = 11.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.2 dBV/m	Grid 2 M4 11.73 dBV/m	Grid 3 M4 11.53 dBV/m
Grid 4 M4 13.96 dBV/m	Grid 5 M4 11.98 dBV/m	Grid 6 M4 9.73 dBV/m
Grid 7 M4 12.17 dBV/m	Grid 8 M4 9.15 dBV/m	Grid 9 M4 7.33 dBV/m



0 dB = 4.990 V/m = 13.96 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 = 6.547 V/m; Power Drift = -0.21 dB

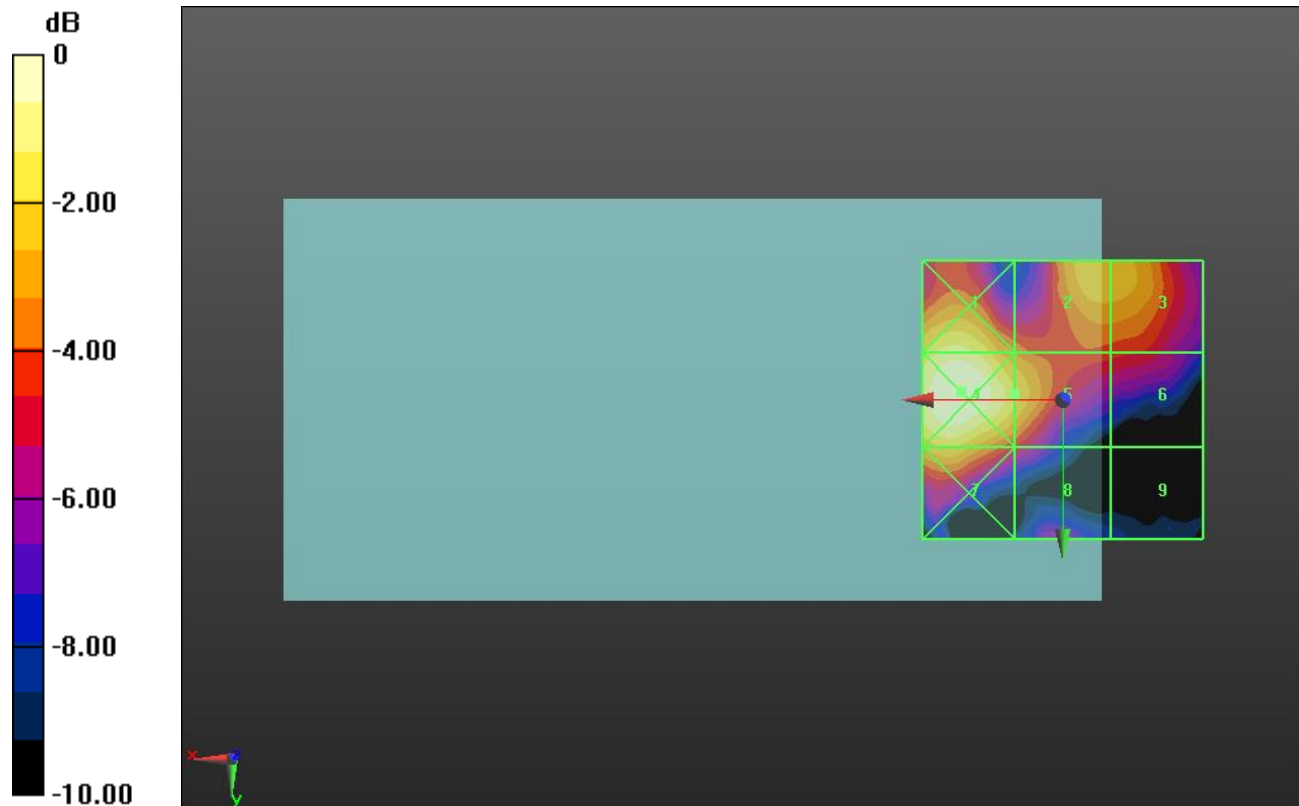
Applied MIF = -5.82 dB

RF audio interference level = 11.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.4 dBV/m	Grid 2 M4 11.34 dBV/m	Grid 3 M4 11.22 dBV/m
Grid 4 M4 13.38 dBV/m	Grid 5 M4 11.55 dBV/m	Grid 6 M4 9.03 dBV/m
Grid 7 M4 11.45 dBV/m	Grid 8 M4 8.57 dBV/m	Grid 9 M4 5.32 dBV/m



0 dB = 4.668 V/m = 13.38 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.115 V/m; Power Drift = -0.17 dB

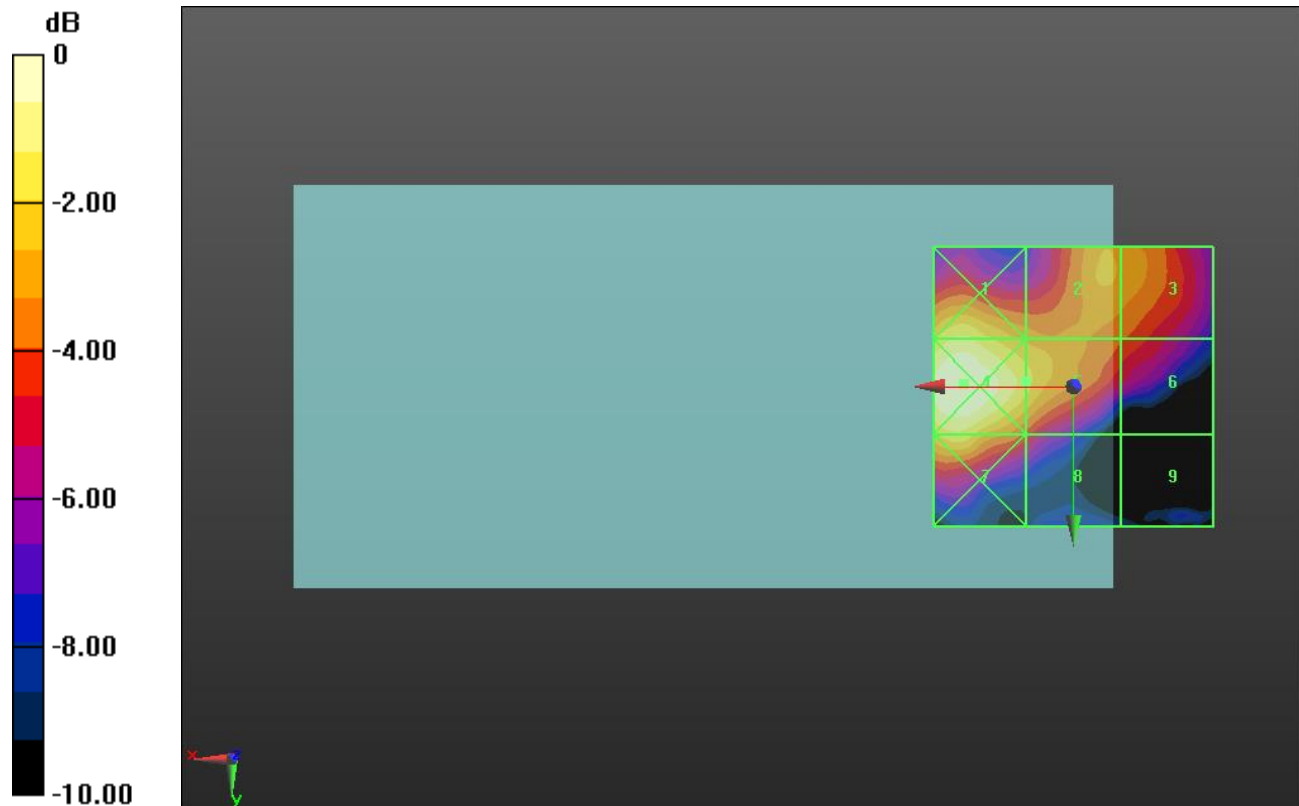
Applied MIF = -5.82 dB

RF audio interference level = 12.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.73 dBV/m	Grid 2 M4 11.4 dBV/m	Grid 3 M4 11.15 dBV/m
Grid 4 M4 13.91 dBV/m	Grid 5 M4 12.2 dBV/m	Grid 6 M4 10 dBV/m
Grid 7 M4 12.44 dBV/m	Grid 8 M4 9.68 dBV/m	Grid 9 M4 6.02 dBV/m



0 dB = 4.959 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: 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 = 8.784 V/m; Power Drift = -0.38 dB

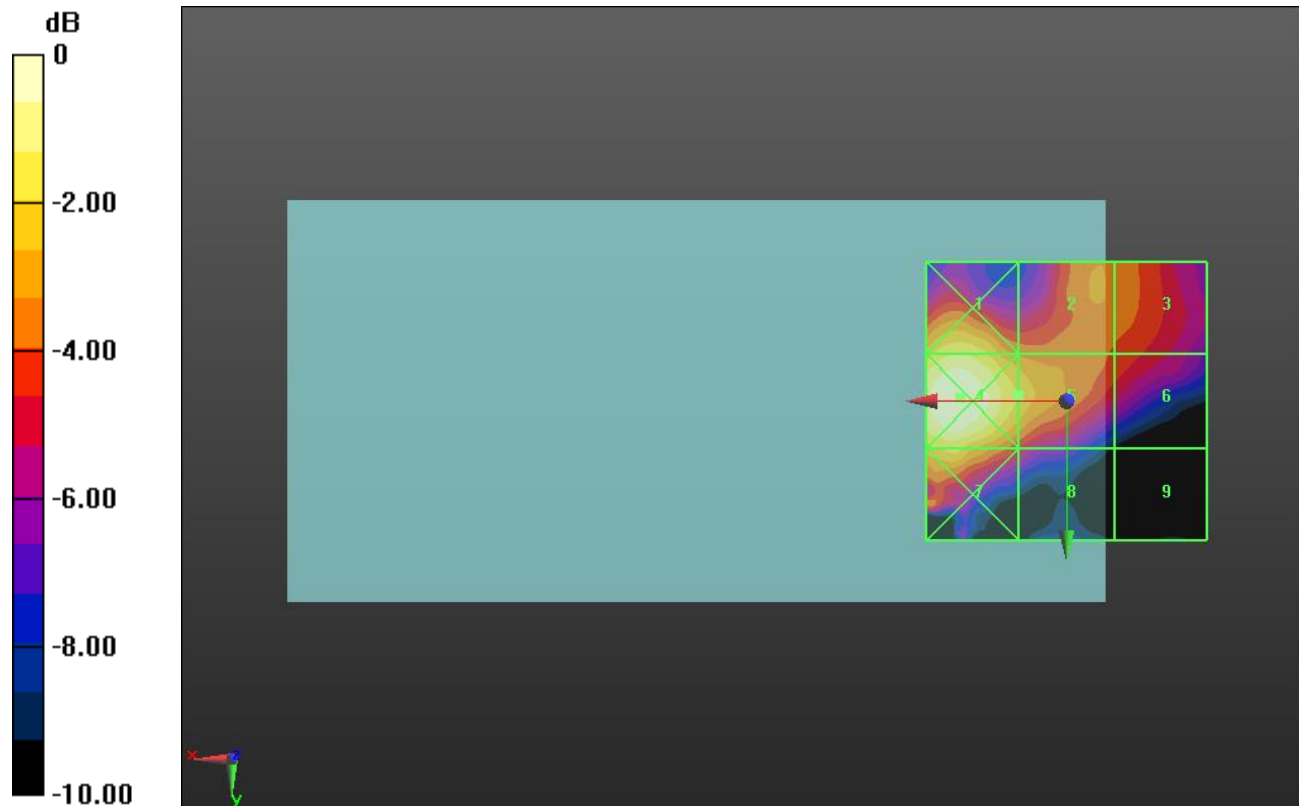
Applied MIF = -5.82 dB

RF audio interference level = 12.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.41 dBV/m	Grid 2 M4 11.49 dBV/m	Grid 3 M4 11.22 dBV/m
Grid 4 M4 14.73 dBV/m	Grid 5 M4 12.64 dBV/m	Grid 6 M4 10.63 dBV/m
Grid 7 M4 12.95 dBV/m	Grid 8 M4 10.05 dBV/m	Grid 9 M4 5.88 dBV/m



0 dB = 5.451 V/m = 14.73 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 = 8.011 V/m; Power Drift = -0.07 dB

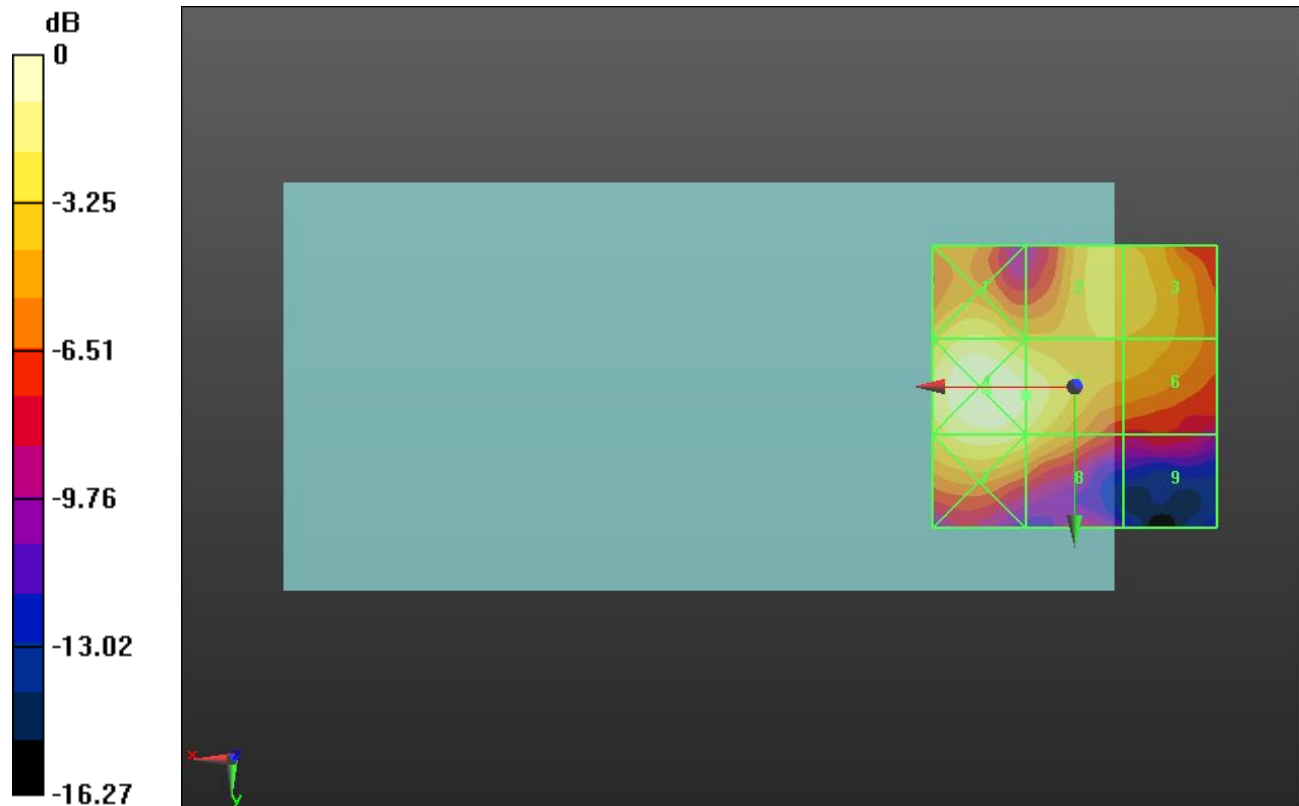
Applied MIF = -5.82 dB

RF audio interference level = 12.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.63 dBV/m	Grid 2 M4 11.21 dBV/m	Grid 3 M4 11.2 dBV/m
Grid 4 M4 13.53 dBV/m	Grid 5 M4 12.45 dBV/m	Grid 6 M4 10.28 dBV/m
Grid 7 M4 12.12 dBV/m	Grid 8 M4 11.16 dBV/m	Grid 9 M4 5.95 dBV/m



0 dB = 4.749 V/m = 13.53 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 2.314 V/m; Power Drift = 8.62 dB

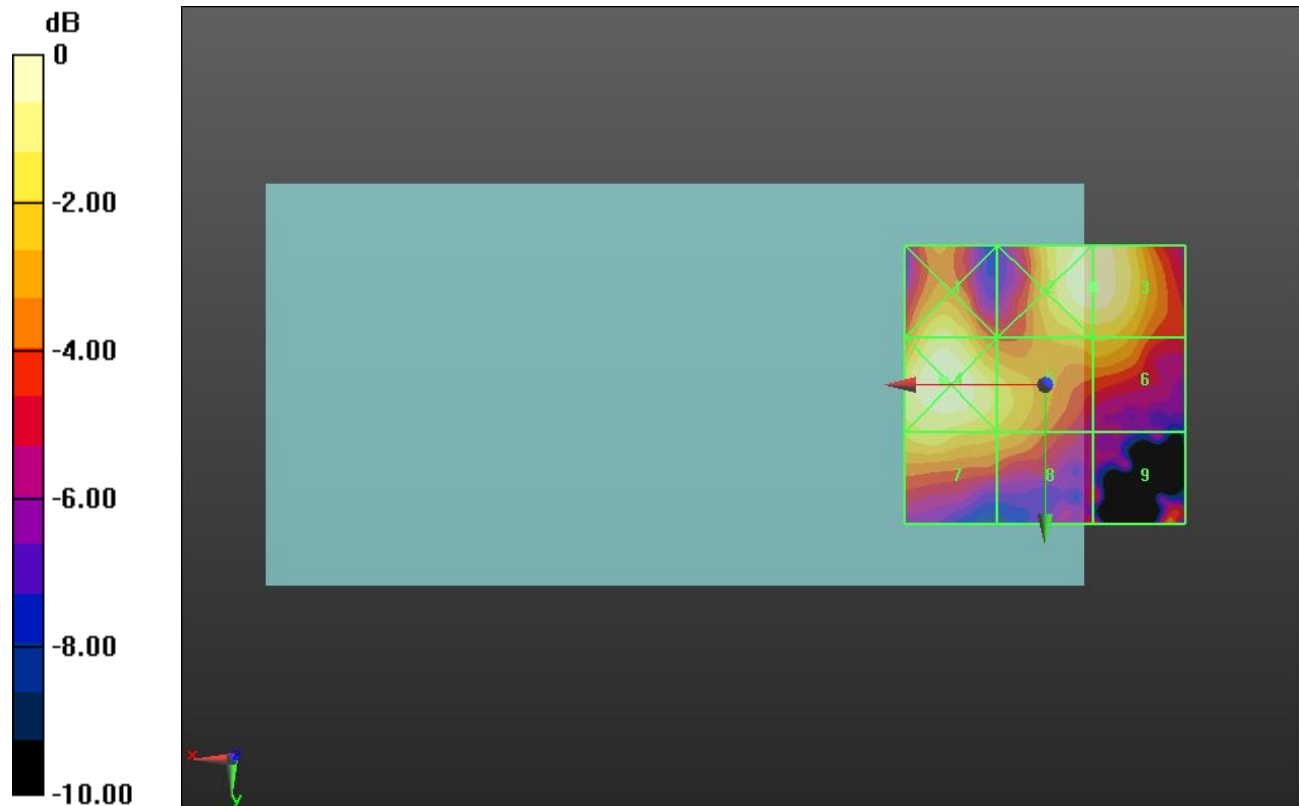
Applied MIF = -5.82 dB

RF audio interference level = 11.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.87 dBV/m	Grid 2 M4 11.64 dBV/m	Grid 3 M4 11.58 dBV/m
Grid 4 M4 11.84 dBV/m	Grid 5 M4 10.37 dBV/m	Grid 6 M4 10 dBV/m
Grid 7 M4 10.51 dBV/m	Grid 8 M4 9.51 dBV/m	Grid 9 M4 8.63 dBV/m



0 dB = 3.909 V/m = 11.84 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 = 5.677 V/m; Power Drift = -0.06 dB

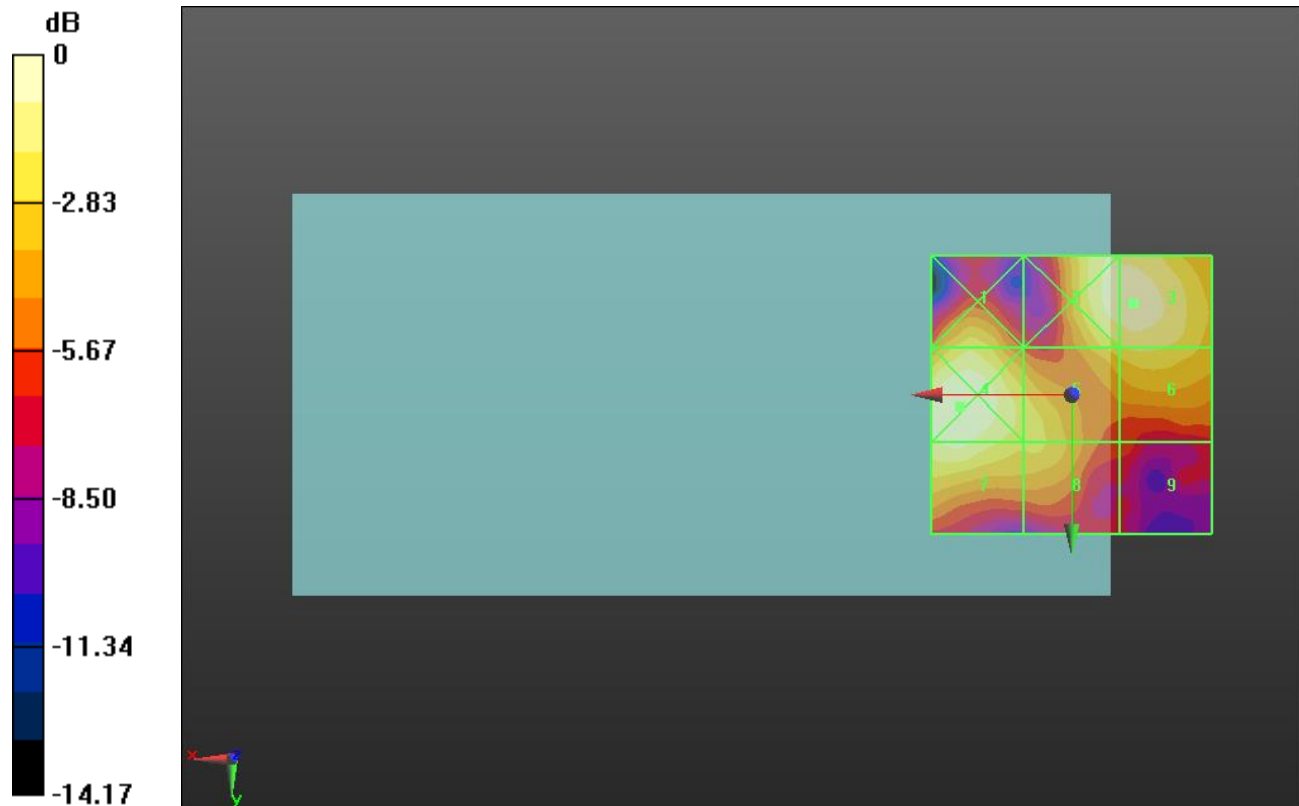
Applied MIF = -5.82 dB

RF audio interference level = 11.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.9 dBV/m	Grid 2 M4 11.46 dBV/m	Grid 3 M4 11.53 dBV/m
Grid 4 M4 11.96 dBV/m	Grid 5 M4 9.87 dBV/m	Grid 6 M4 10.3 dBV/m
Grid 7 M4 11.29 dBV/m	Grid 8 M4 9.44 dBV/m	Grid 9 M4 5.9 dBV/m



0 dB = 3.965 V/m = 11.96 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.084 V/m; Power Drift = -0.08 dB

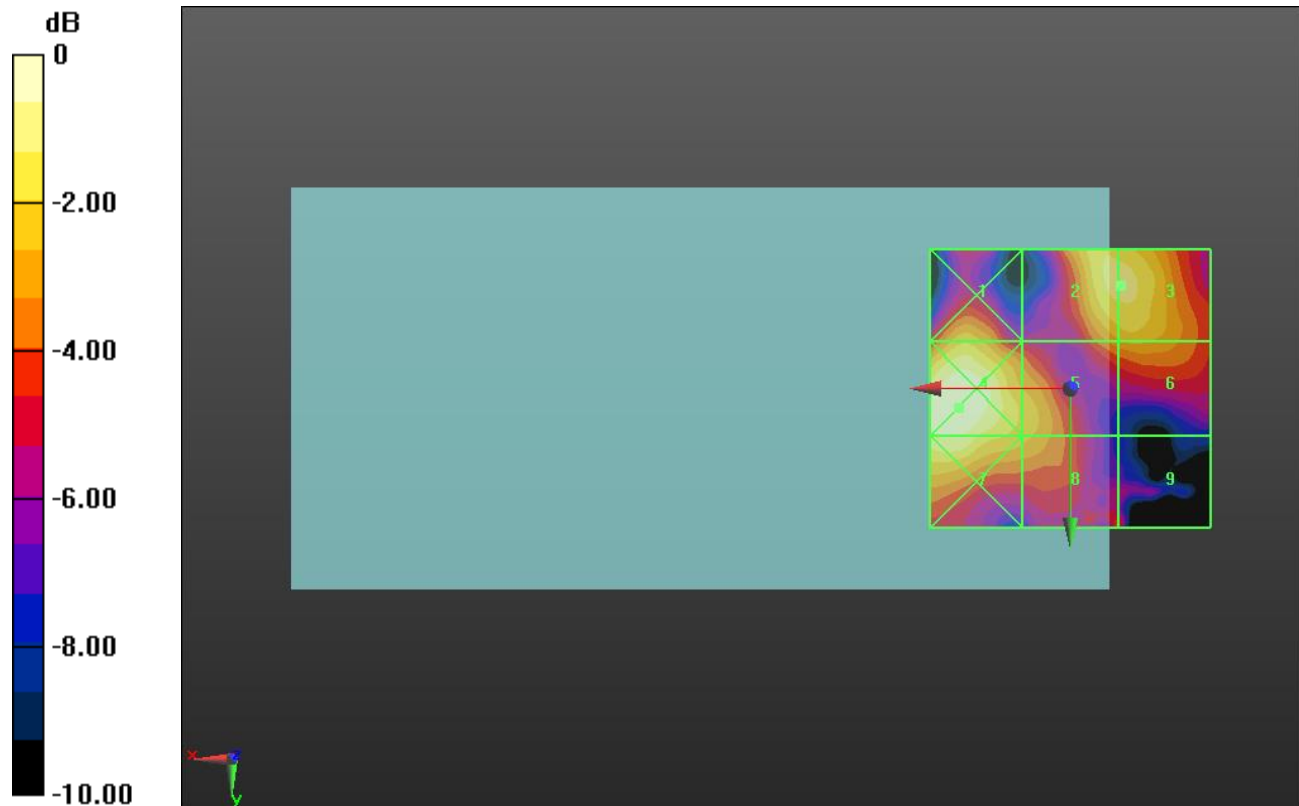
Applied MIF = -5.82 dB

RF audio interference level = 10.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.54 dBV/m	Grid 2 M4 10.51 dBV/m	Grid 3 M4 10.52 dBV/m
Grid 4 M4 11.63 dBV/m	Grid 5 M4 9.51 dBV/m	Grid 6 M4 9.15 dBV/m
Grid 7 M4 11.04 dBV/m	Grid 8 M4 9.22 dBV/m	Grid 9 M4 7.33 dBV/m



0 dB = 3.817 V/m = 11.63 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 157/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.697 V/m; Power Drift = 0.13 dB

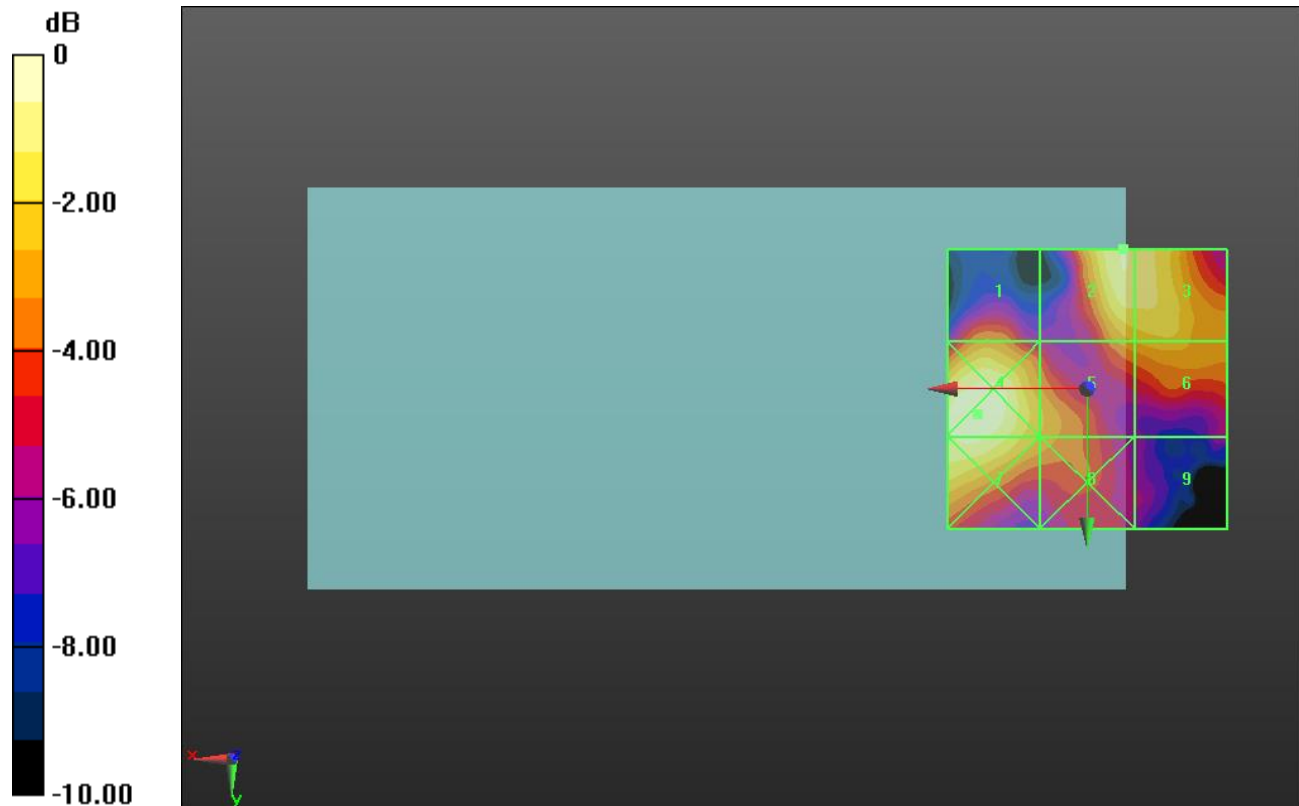
Applied MIF = -5.82 dB

RF audio interference level = 10.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.93 dBV/m	Grid 2 M4 10.44 dBV/m	Grid 3 M4 10.28 dBV/m
Grid 4 M4 11.07 dBV/m	Grid 5 M4 8.61 dBV/m	Grid 6 M4 8.9 dBV/m
Grid 7 M4 10.64 dBV/m	Grid 8 M4 8.36 dBV/m	Grid 9 M4 5.5 dBV/m



0 dB = 3.577 V/m = 11.07 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 = 4.690 V/m; Power Drift = -0.22 dB

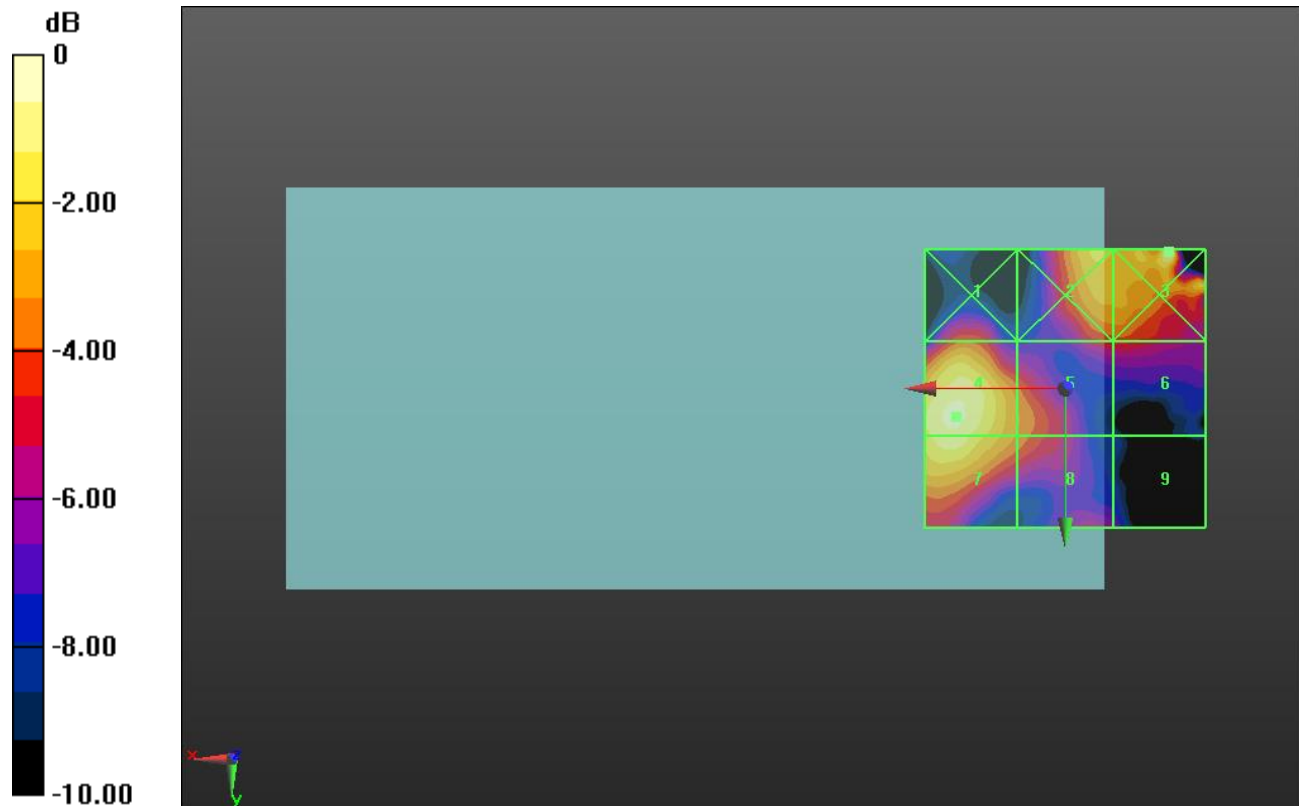
Applied MIF = -5.82 dB

RF audio interference level = 11.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.01 dBV/m	Grid 2 M4 10.25 dBV/m	Grid 3 M4 11.94 dBV/m
Grid 4 M4 11.44 dBV/m	Grid 5 M4 8.68 dBV/m	Grid 6 M4 7.59 dBV/m
Grid 7 M4 11.09 dBV/m	Grid 8 M4 8.5 dBV/m	Grid 9 M4 5.78 dBV/m



0 dB = 3.955 V/m = 11.94 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 = 13.85 V/m; Power Drift = -0.05 dB

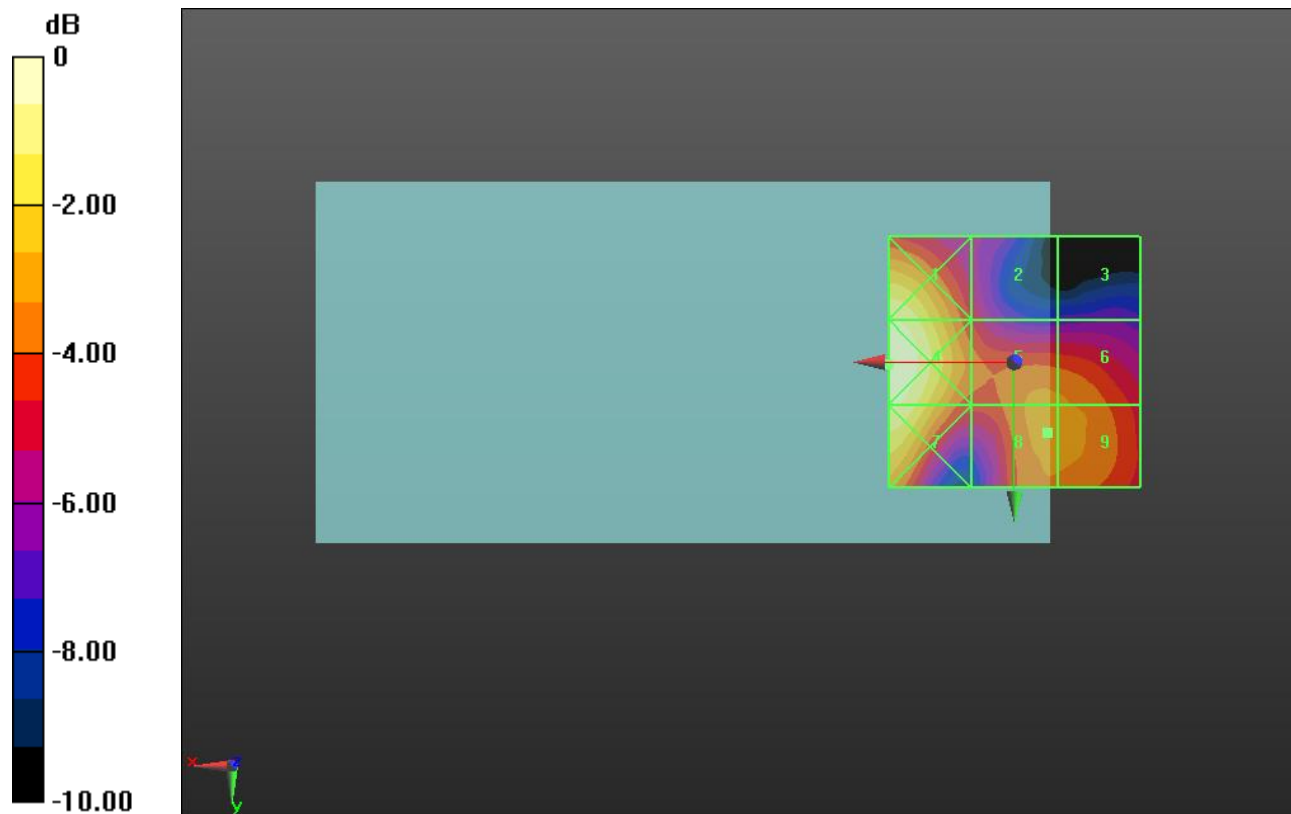
Applied MIF = -1.44 dB

RF audio interference level = 20.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 19.05 dBV/m	Grid 3 M4 17.05 dBV/m
Grid 4 M4 23.72 dBV/m	Grid 5 M4 20.58 dBV/m	Grid 6 M4 20.51 dBV/m
Grid 7 M4 23.21 dBV/m	Grid 8 M4 20.68 dBV/m	Grid 9 M4 20.64 dBV/m



0 dB = 15.35 V/m = 23.72 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.11 V/m; Power Drift = 0.03 dB

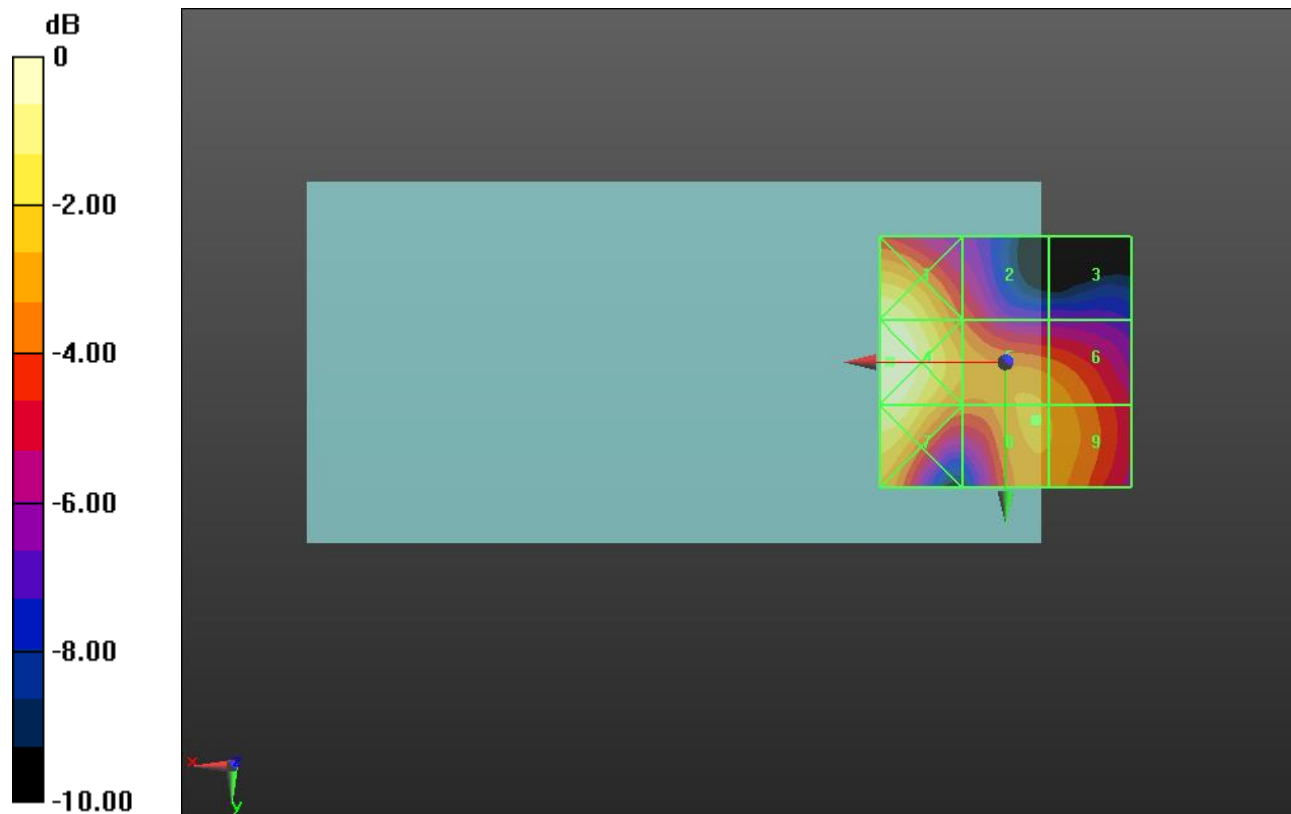
Applied MIF = -1.44 dB

RF audio interference level = 21.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.96 dBV/m	Grid 2 M4 19.56 dBV/m	Grid 3 M4 17.02 dBV/m
Grid 4 M4 23.5 dBV/m	Grid 5 M4 20.98 dBV/m	Grid 6 M4 20.79 dBV/m
Grid 7 M4 22.95 dBV/m	Grid 8 M4 21.03 dBV/m	Grid 9 M4 20.92 dBV/m



0 dB = 14.97 V/m = 23.50 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 = 13.93 V/m; Power Drift = -0.02 dB

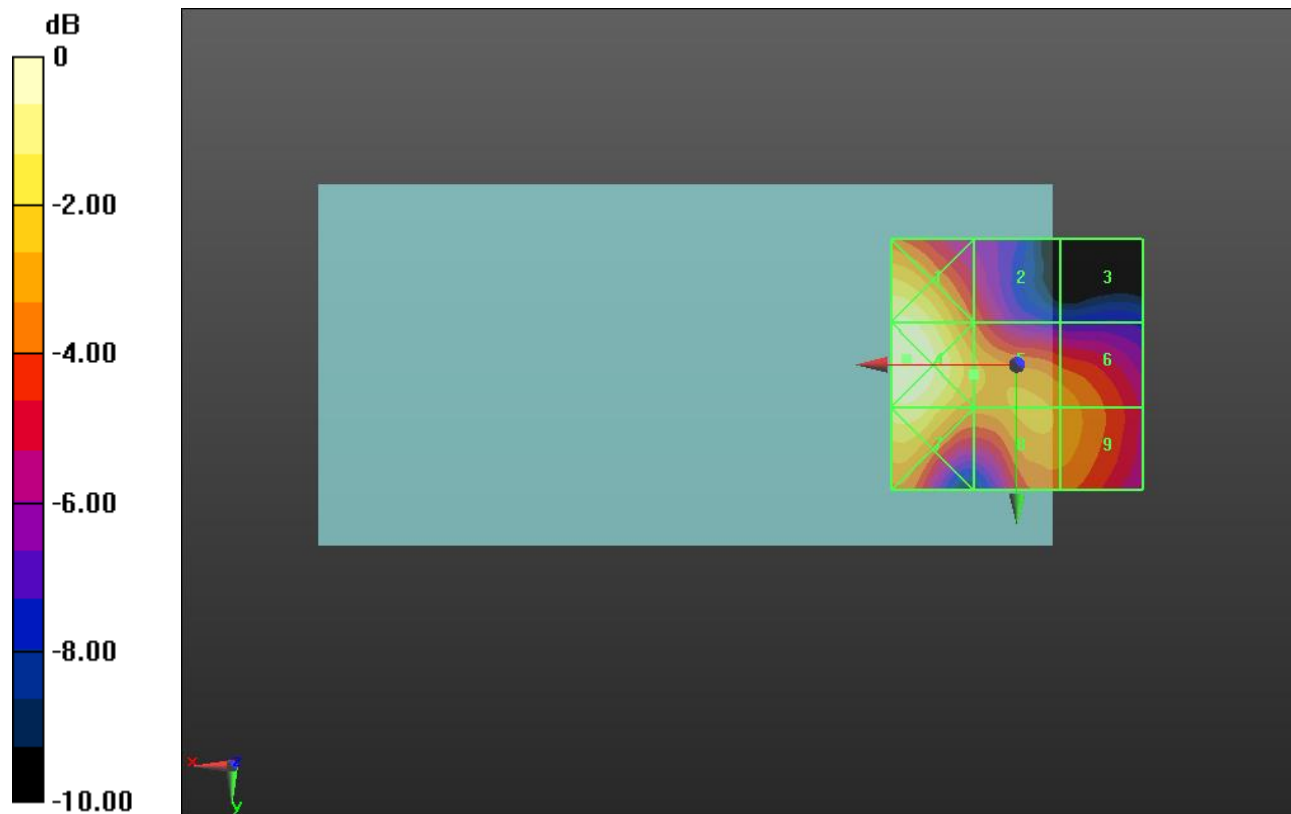
Applied MIF = -1.44 dB

RF audio interference level = 20.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.12 dBV/m	Grid 2 M4 18.69 dBV/m	Grid 3 M4 15.44 dBV/m
Grid 4 M4 22.63 dBV/m	Grid 5 M4 20.26 dBV/m	Grid 6 M4 19.8 dBV/m
Grid 7 M4 21.85 dBV/m	Grid 8 M4 20.13 dBV/m	Grid 9 M4 19.87 dBV/m



0 dB = 13.53 V/m = 22.63 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 = 11.93 V/m; Power Drift = -0.10 dB

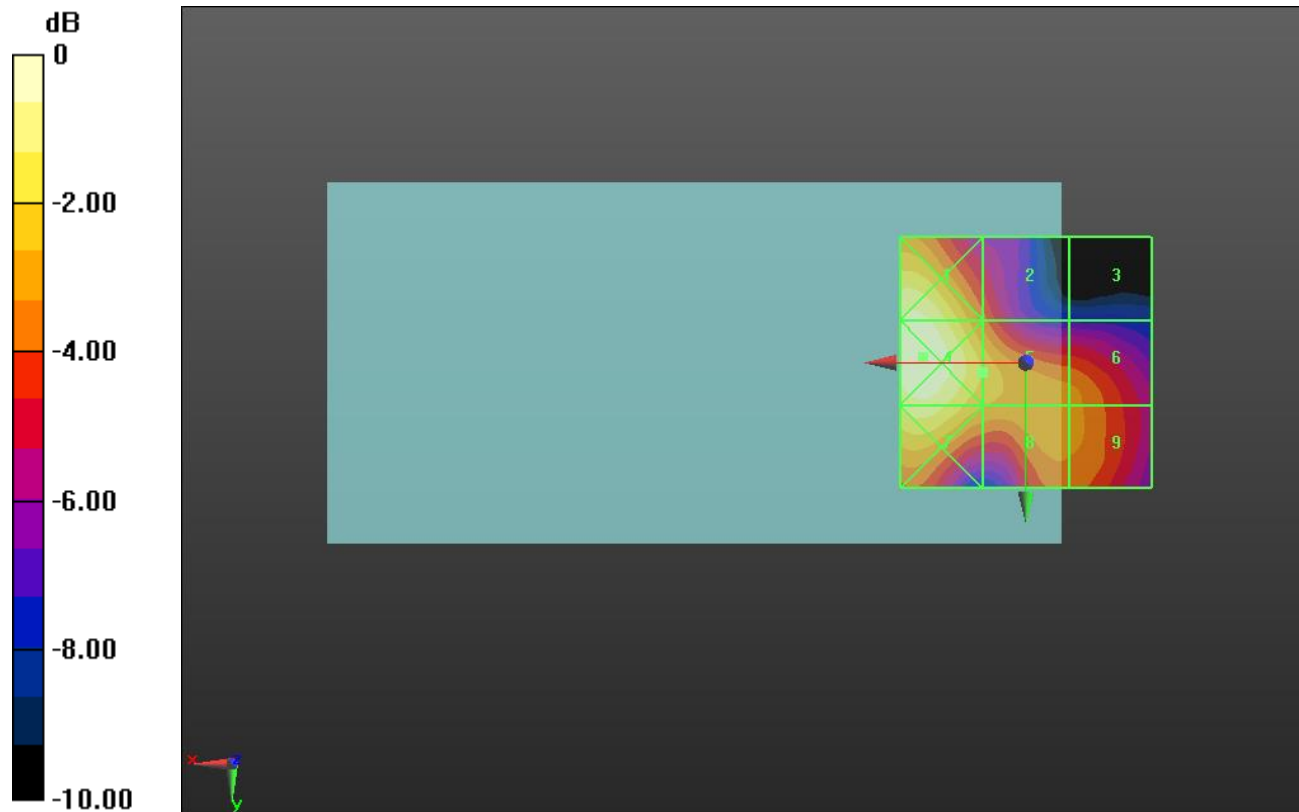
Applied MIF = -1.44 dB

RF audio interference level = 19.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.26 dBV/m	Grid 2 M4 18.02 dBV/m	Grid 3 M4 14.27 dBV/m
Grid 4 M4 21.7 dBV/m	Grid 5 M4 19.64 dBV/m	Grid 6 M4 18.69 dBV/m
Grid 7 M4 20.85 dBV/m	Grid 8 M4 19.08 dBV/m	Grid 9 M4 18.72 dBV/m



0 dB = 12.16 V/m = 21.70 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 = 40.51 V/m; Power Drift = -0.22 dB

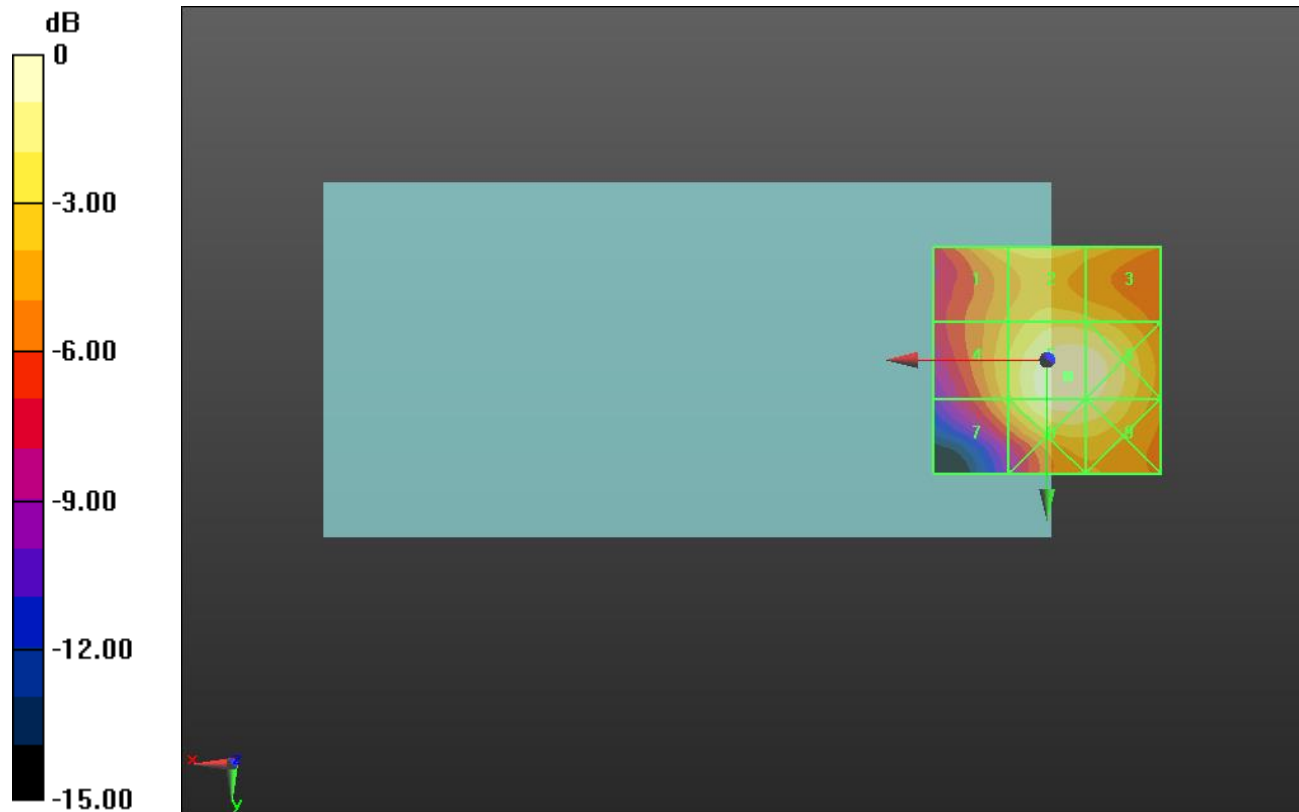
Applied MIF = -1.44 dB

RF audio interference level = 27.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.69 dBV/m	Grid 2 M4 25.31 dBV/m	Grid 3 M4 24.62 dBV/m
Grid 4 M4 24.36 dBV/m	Grid 5 M4 27.23 dBV/m	Grid 6 M4 27 dBV/m
Grid 7 M4 23.86 dBV/m	Grid 8 M4 26.87 dBV/m	Grid 9 M4 26.55 dBV/m



0 dB = 22.99 V/m = 27.23 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 39.02 V/m; Power Drift = -0.02 dB

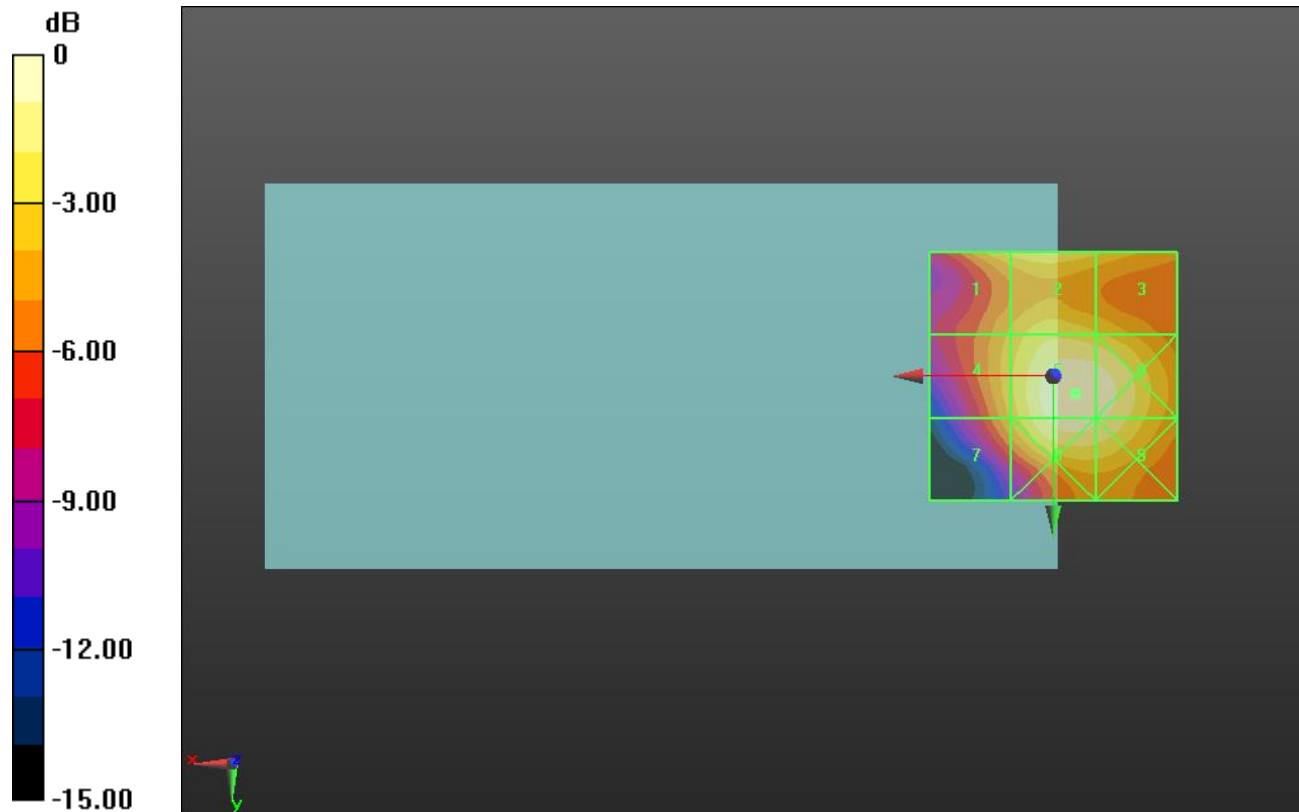
Applied MIF = -1.44 dB

RF audio interference level = 26.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.28 dBV/m	Grid 2 M4 25 dBV/m	Grid 3 M4 24.07 dBV/m
Grid 4 M4 23.64 dBV/m	Grid 5 M4 26.78 dBV/m	Grid 6 M4 26.51 dBV/m
Grid 7 M4 23.02 dBV/m	Grid 8 M4 26.42 dBV/m	Grid 9 M4 26.08 dBV/m



0 dB = 21.84 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: 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 = 35.49 V/m; Power Drift = 0.00 dB

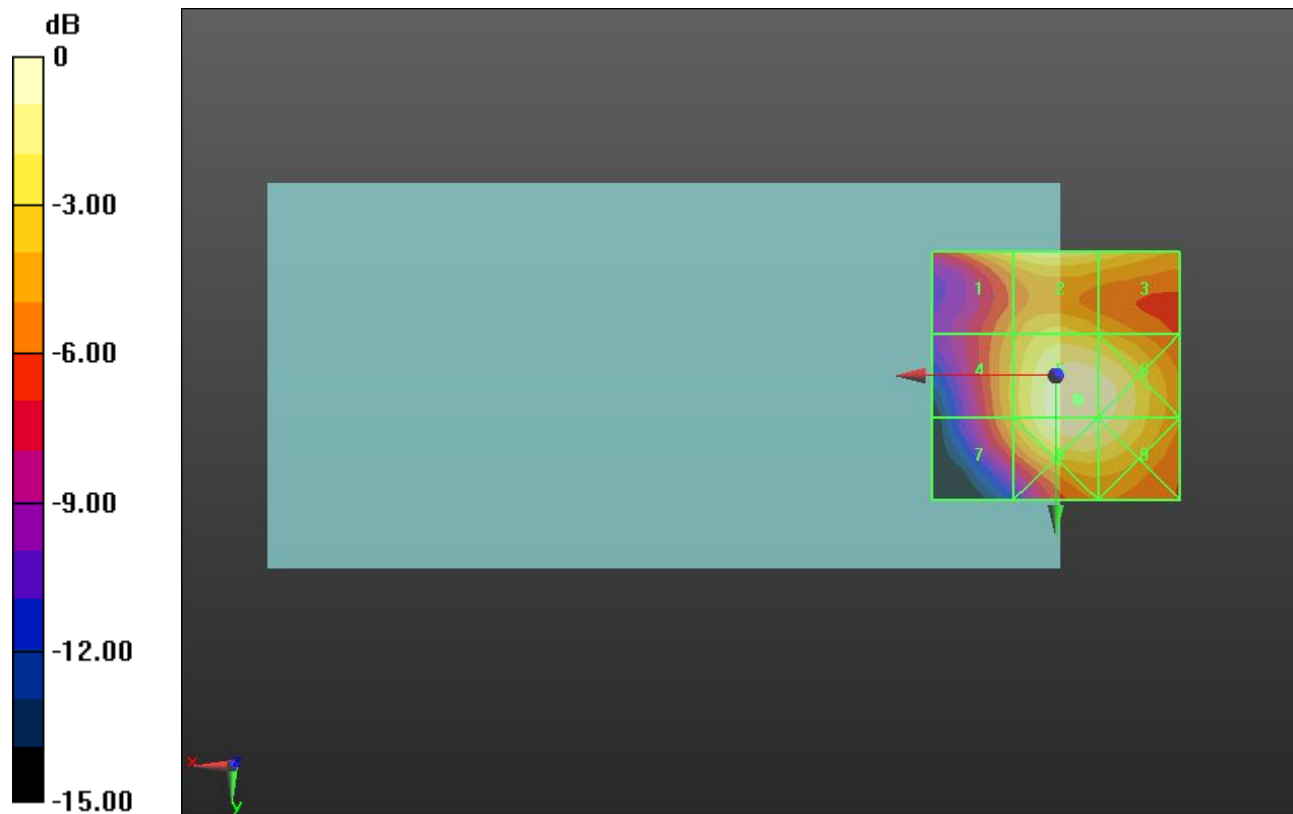
Applied MIF = -1.44 dB

RF audio interference level = 25.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.88 dBV/m	Grid 2 M4 24.87 dBV/m	Grid 3 M4 24.02 dBV/m
Grid 4 M4 22.49 dBV/m	Grid 5 M4 25.95 dBV/m	Grid 6 M4 25.63 dBV/m
Grid 7 M4 22.21 dBV/m	Grid 8 M4 25.79 dBV/m	Grid 9 M4 25.41 dBV/m



0 dB = 19.84 V/m = 25.95 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 = 32.23 V/m; Power Drift = -0.00 dB

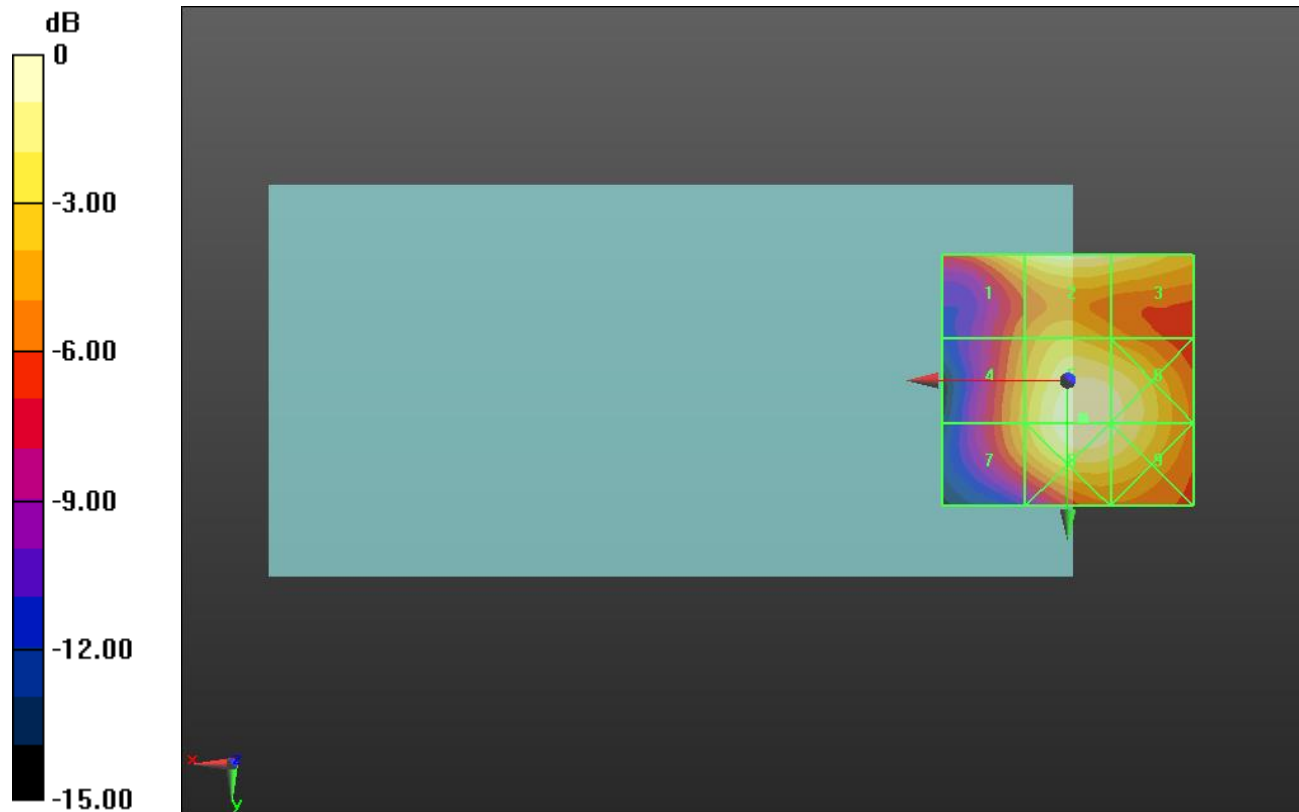
Applied MIF = -1.44 dB

RF audio interference level = 25.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.9 dBV/m	Grid 2 M4 25.22 dBV/m	Grid 3 M4 24.41 dBV/m
Grid 4 M4 22.14 dBV/m	Grid 5 M4 25.44 dBV/m	Grid 6 M4 24.94 dBV/m
Grid 7 M4 22.14 dBV/m	Grid 8 M4 25.41 dBV/m	Grid 9 M4 24.87 dBV/m



0 dB = 18.71 V/m = 25.44 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 11.34 V/m; Power Drift = -0.00 dB

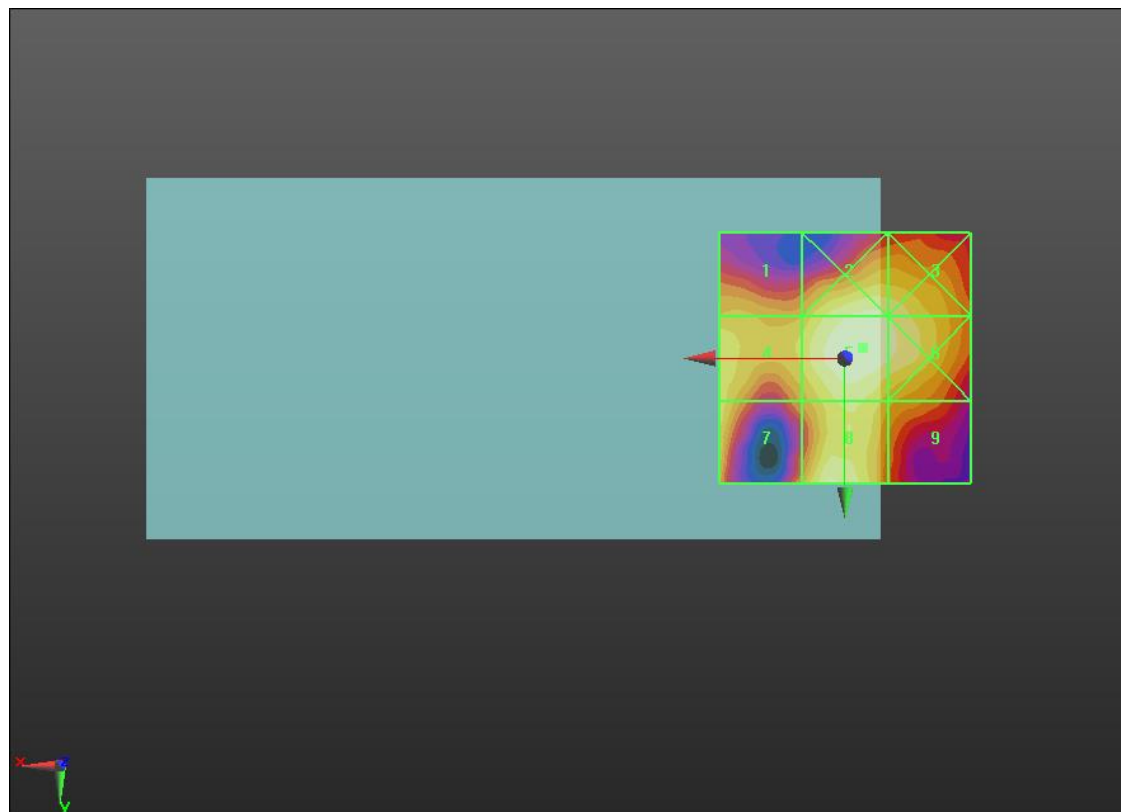
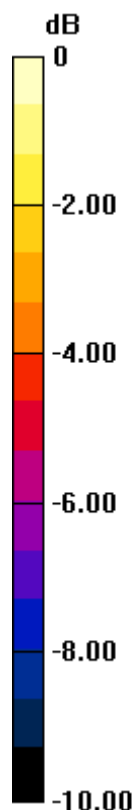
Applied MIF = -1.44 dB

RF audio interference level = 16.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.26 dBV/m	Grid 2 M4 16.26 dBV/m	Grid 3 M4 16.01 dBV/m
Grid 4 M4 15.27 dBV/m	Grid 5 M4 16.68 dBV/m	Grid 6 M4 16.28 dBV/m
Grid 7 M4 15.16 dBV/m	Grid 8 M4 16.22 dBV/m	Grid 9 M4 14.35 dBV/m



0 dB = 6.826 V/m = 16.68 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 = 12.02 V/m; Power Drift = -0.01 dB

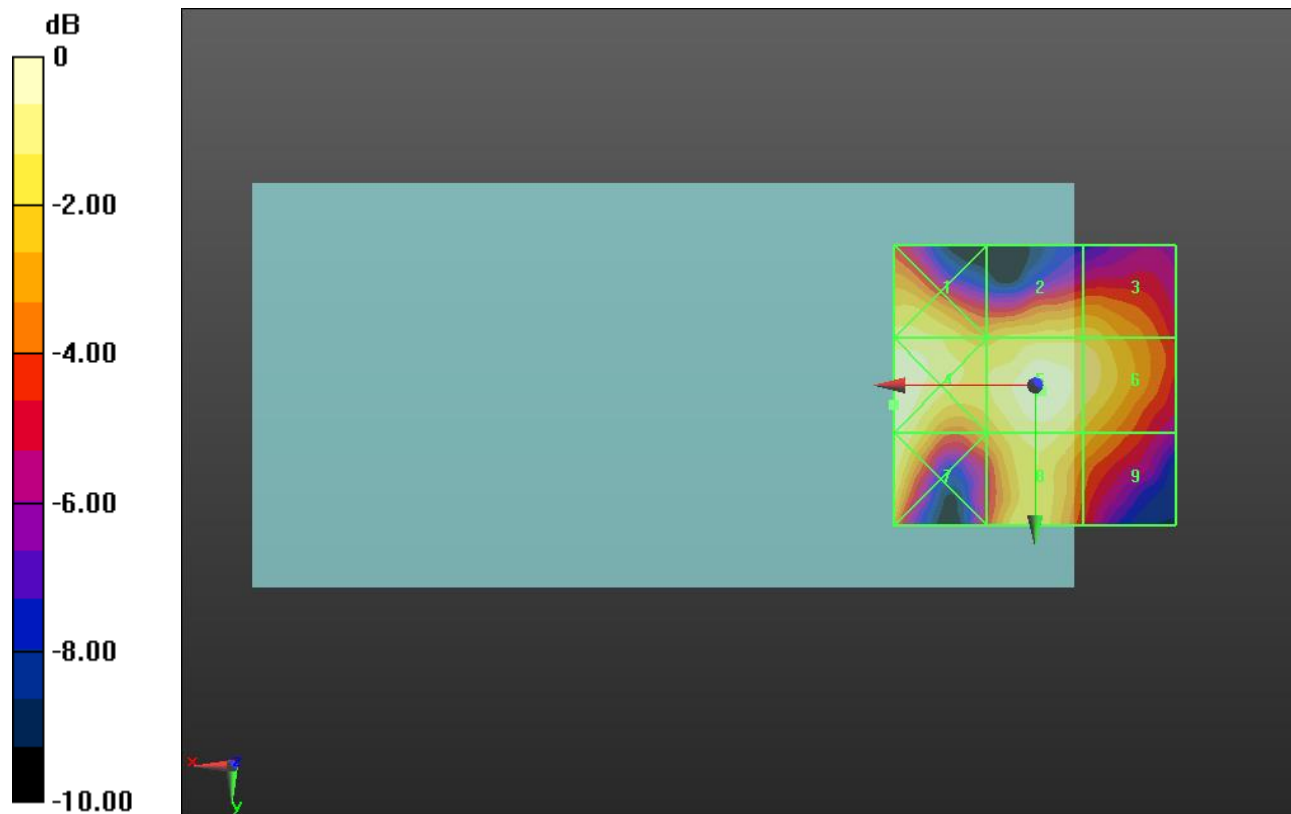
Applied MIF = -1.44 dB

RF audio interference level = 17.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.41 dBV/m	Grid 2 M4 15.87 dBV/m	Grid 3 M4 15.86 dBV/m
Grid 4 M4 17.37 dBV/m	Grid 5 M4 17.1 dBV/m	Grid 6 M4 16.56 dBV/m
Grid 7 M4 16.87 dBV/m	Grid 8 M4 16.39 dBV/m	Grid 9 M4 15.28 dBV/m



0 dB = 7.392 V/m = 17.38 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 = 12.50 V/m; Power Drift = -0.05 dB

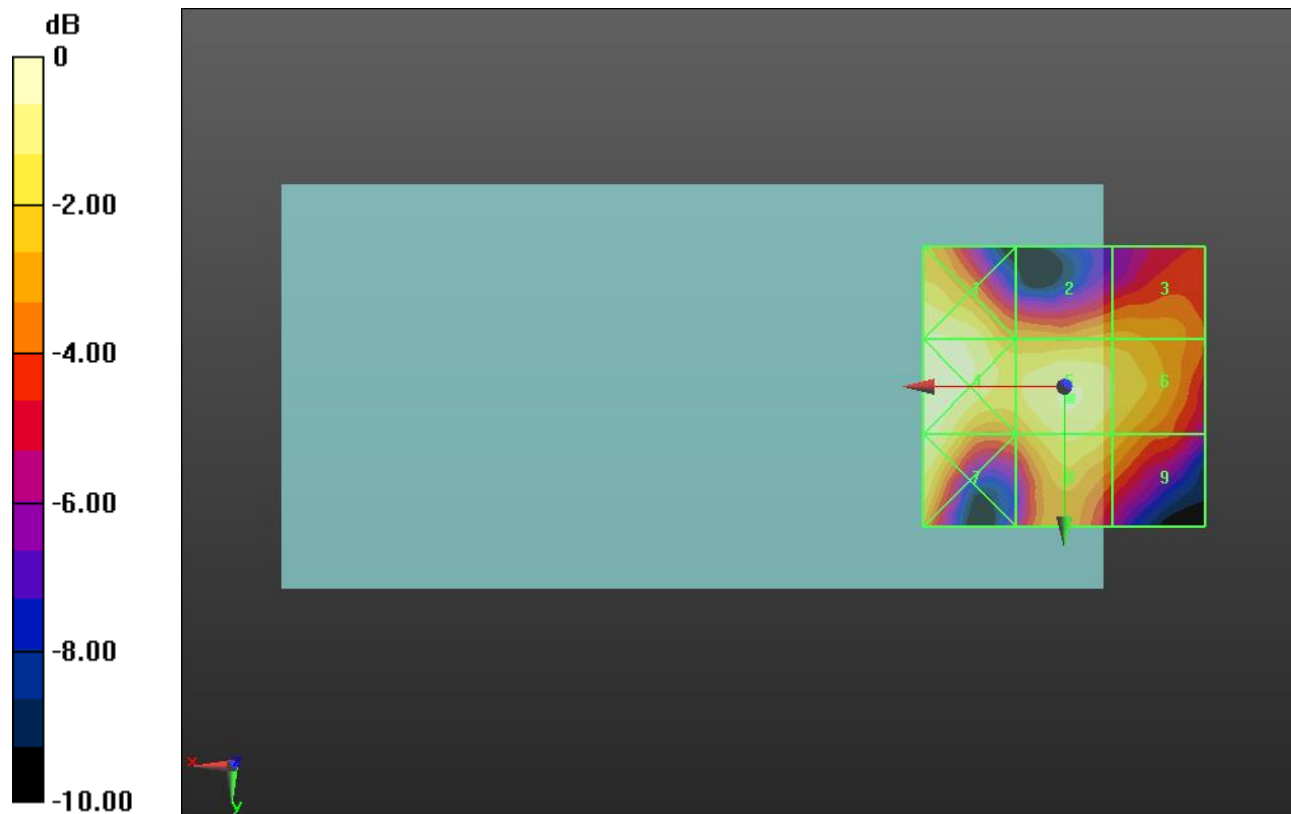
Applied MIF = -1.44 dB

RF audio interference level = 17.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.89 dBV/m	Grid 2 M4 16.11 dBV/m	Grid 3 M4 16.12 dBV/m
Grid 4 M4 18.43 dBV/m	Grid 5 M4 17.84 dBV/m	Grid 6 M4 17.17 dBV/m
Grid 7 M4 18.11 dBV/m	Grid 8 M4 17.27 dBV/m	Grid 9 M4 16.4 dBV/m



0 dB = 8.350 V/m = 18.43 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 11.41 V/m; Power Drift = -0.04 dB

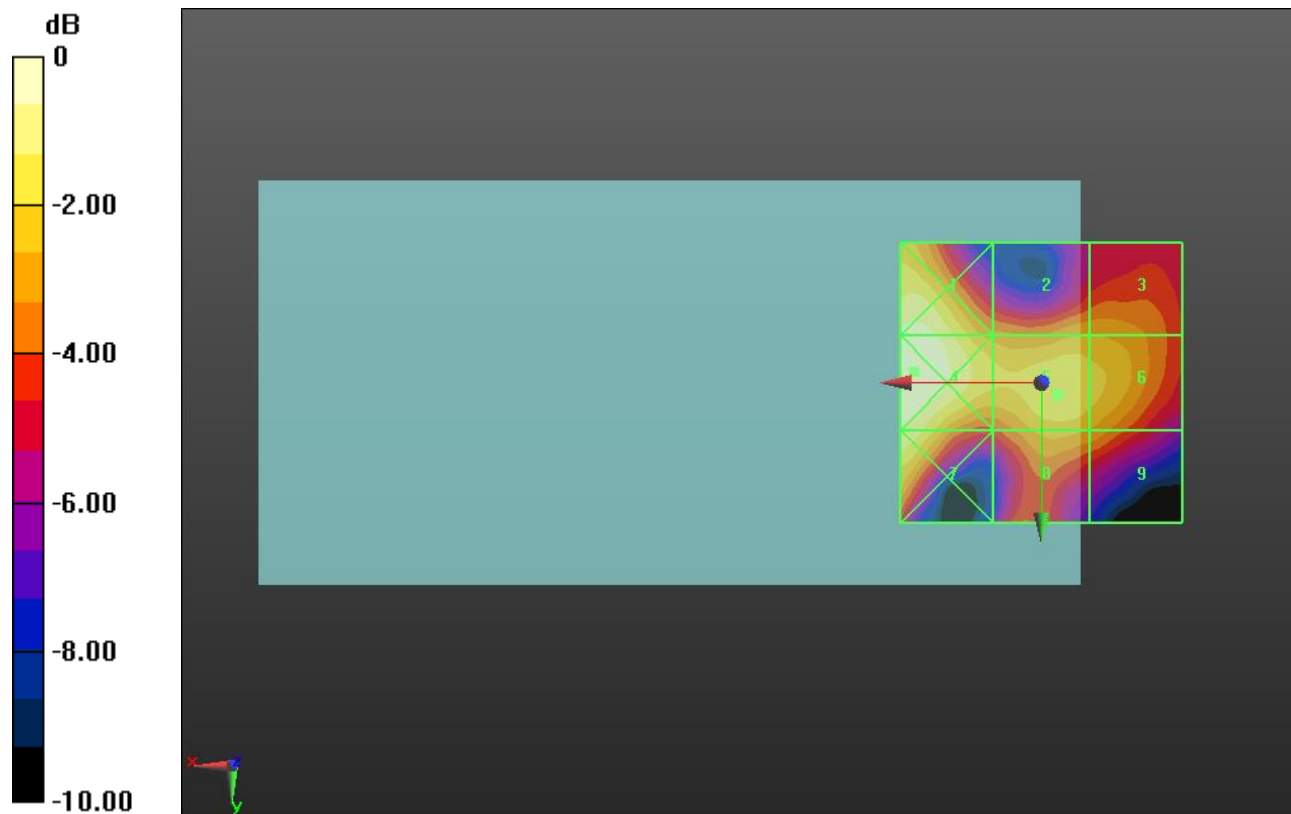
Applied MIF = -1.44 dB

RF audio interference level = 17.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.53 dBV/m	Grid 2 M4 16.22 dBV/m	Grid 3 M4 16.22 dBV/m
Grid 4 M4 18.9 dBV/m	Grid 5 M4 17.41 dBV/m	Grid 6 M4 17.2 dBV/m
Grid 7 M4 18.21 dBV/m	Grid 8 M4 16.56 dBV/m	Grid 9 M4 16.19 dBV/m



0 dB = 8.809 V/m = 18.90 dBV/m

