

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 41.60 V/m; Power Drift = 0.02 dB

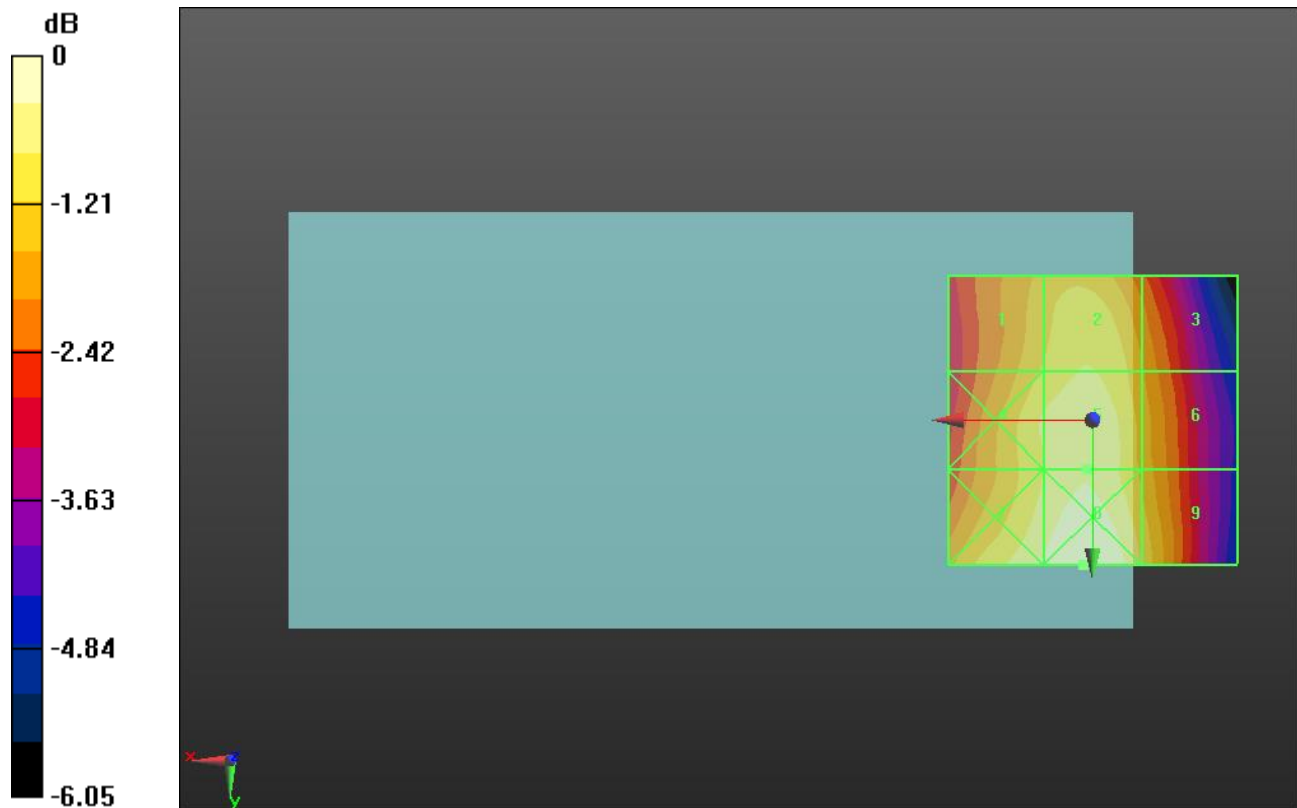
Applied MIF = 3.63 dB

RF audio interference level = 33.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.81 dBV/m	Grid 2 M4 33.18 dBV/m	Grid 3 M4 32.41 dBV/m
Grid 4 M4 33.22 dBV/m	Grid 5 M4 33.51 dBV/m	Grid 6 M4 32.68 dBV/m
Grid 7 M4 33.64 dBV/m	Grid 8 M4 33.96 dBV/m	Grid 9 M4 33.13 dBV/m



0 dB = 49.90 V/m = 33.96 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 43.55 V/m; Power Drift = 0.03 dB

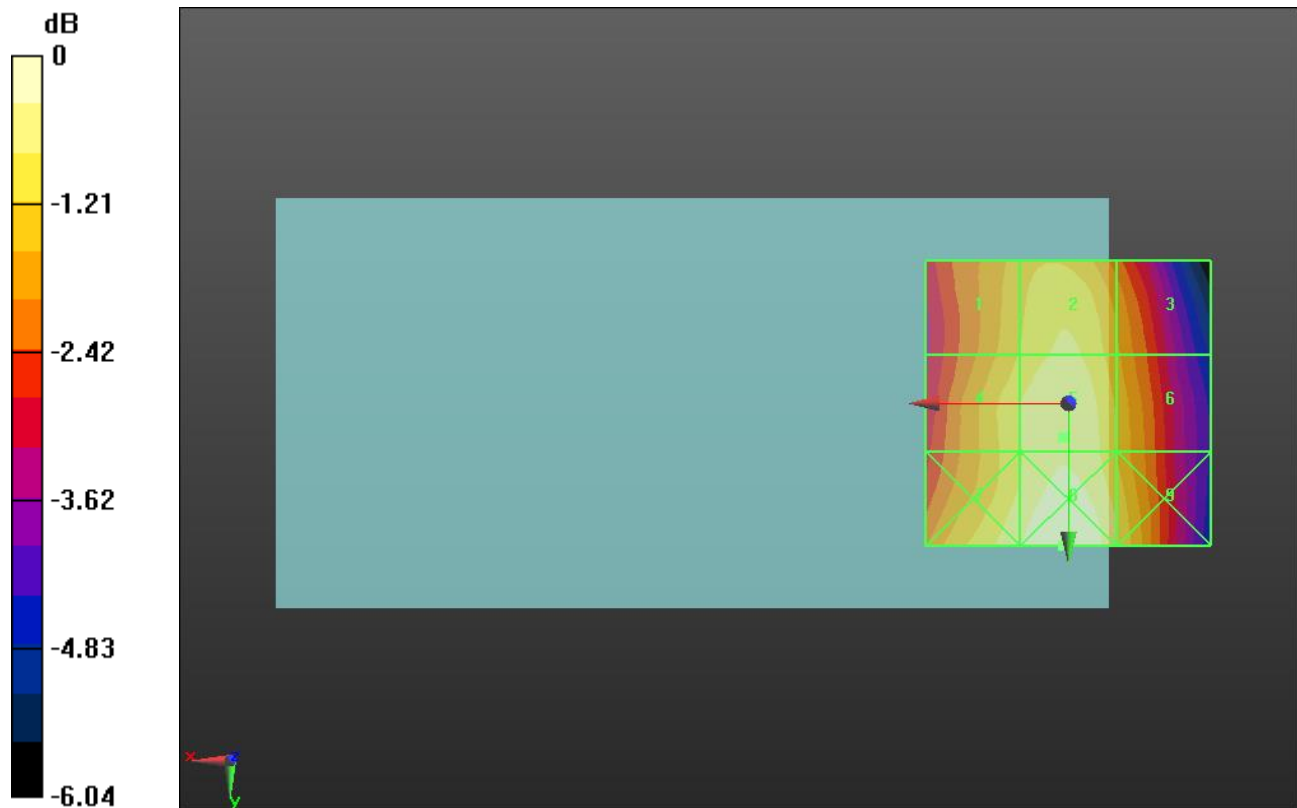
Applied MIF = 3.63 dB

RF audio interference level = 34.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.32 dBV/m	Grid 2 M4 33.78 dBV/m	Grid 3 M4 32.98 dBV/m
Grid 4 M4 33.71 dBV/m	Grid 5 M4 34.07 dBV/m	Grid 6 M4 33.28 dBV/m
Grid 7 M4 34.08 dBV/m	Grid 8 M4 34.49 dBV/m	Grid 9 M4 33.73 dBV/m



0 dB = 53.01 V/m = 34.49 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 43.94 V/m; Power Drift = 0.02 dB

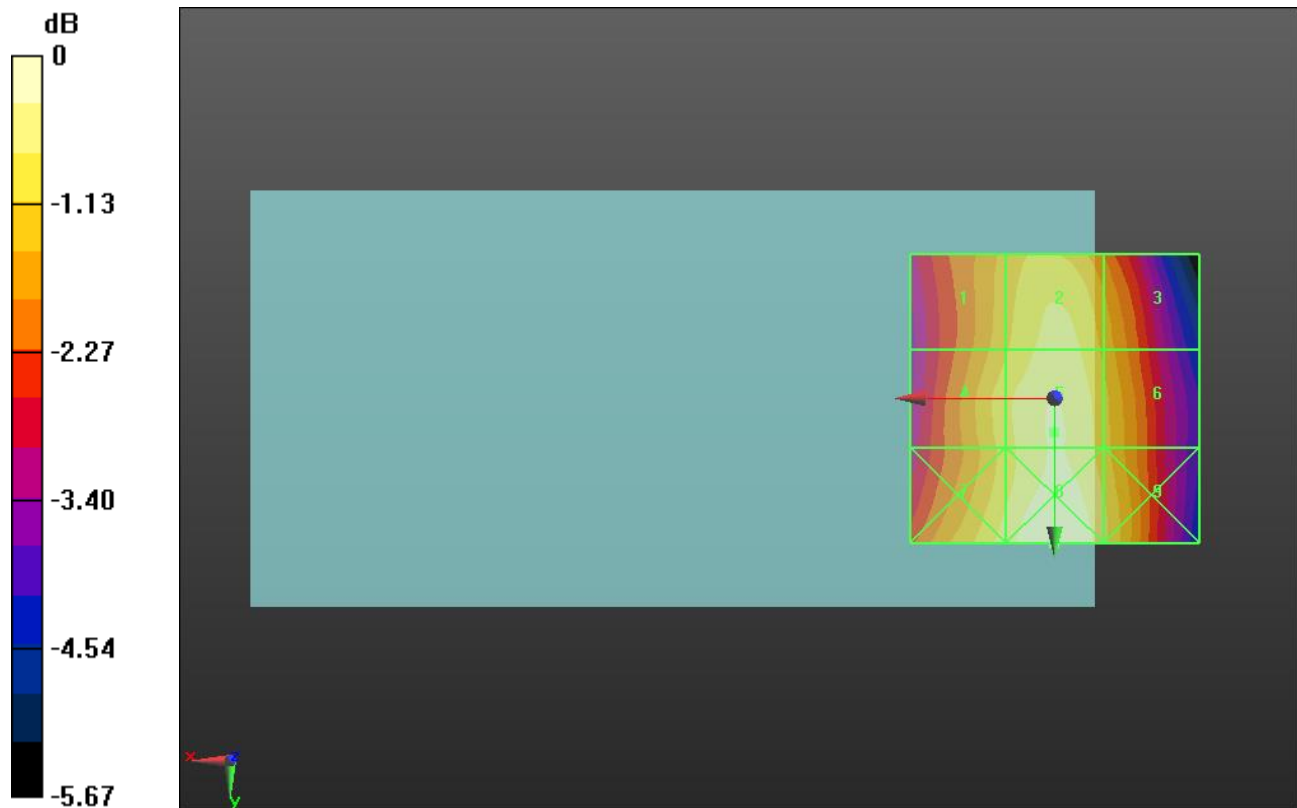
Applied MIF = 3.63 dB

RF audio interference level = 34.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.33 dBV/m	Grid 2 M4 33.89 dBV/m	Grid 3 M4 33.29 dBV/m
Grid 4 M4 33.66 dBV/m	Grid 5 M4 34.17 dBV/m	Grid 6 M4 33.55 dBV/m
Grid 7 M4 33.95 dBV/m	Grid 8 M4 34.51 dBV/m	Grid 9 M4 33.88 dBV/m



0 dB = 53.15 V/m = 34.51 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.96 V/m; Power Drift = -0.07 dB

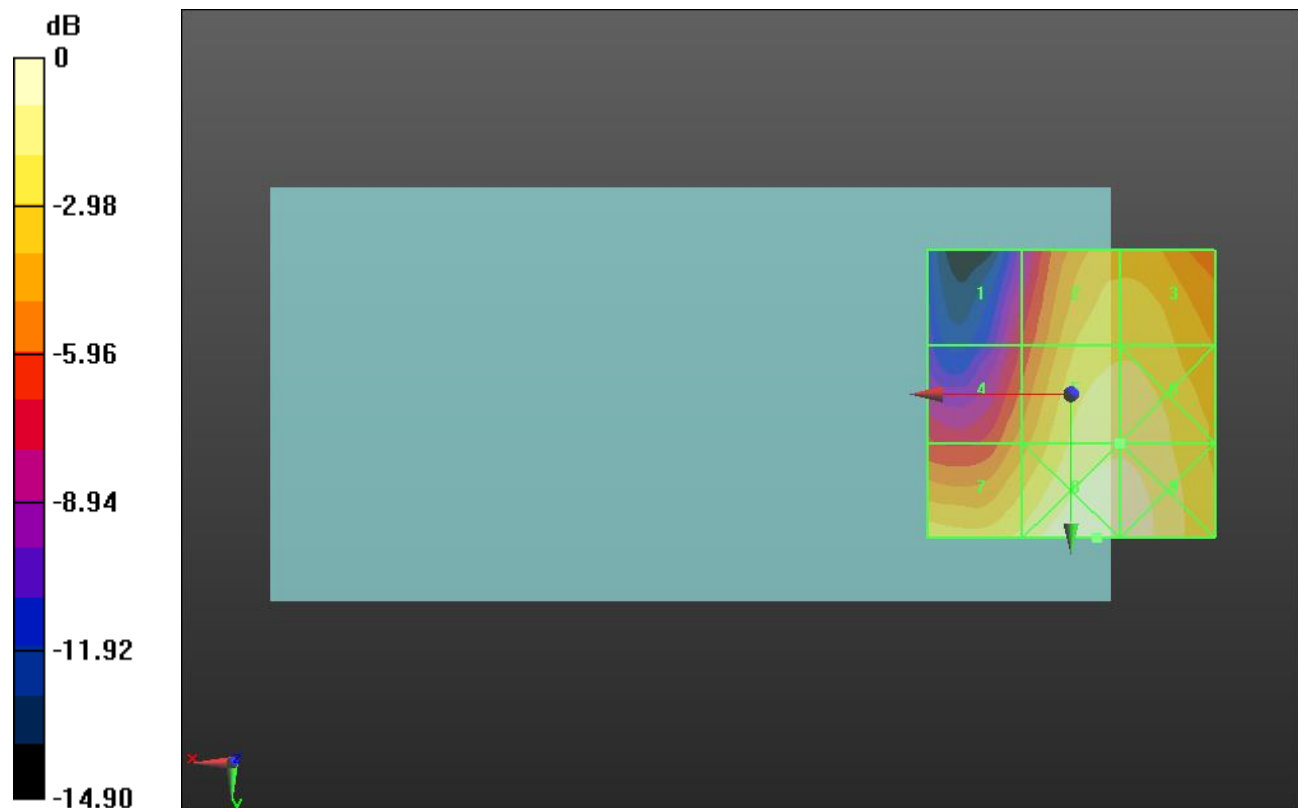
Applied MIF = 3.63 dB

RF audio interference level = 26.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.99 dBV/m	Grid 2 M4 25.56 dBV/m	Grid 3 M4 25.56 dBV/m
Grid 4 M4 23.34 dBV/m	Grid 5 M4 26.61 dBV/m	Grid 6 M4 26.61 dBV/m
Grid 7 M4 26.1 dBV/m	Grid 8 M4 27.74 dBV/m	Grid 9 M4 27.54 dBV/m



HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.25 V/m; Power Drift = 0.03 dB

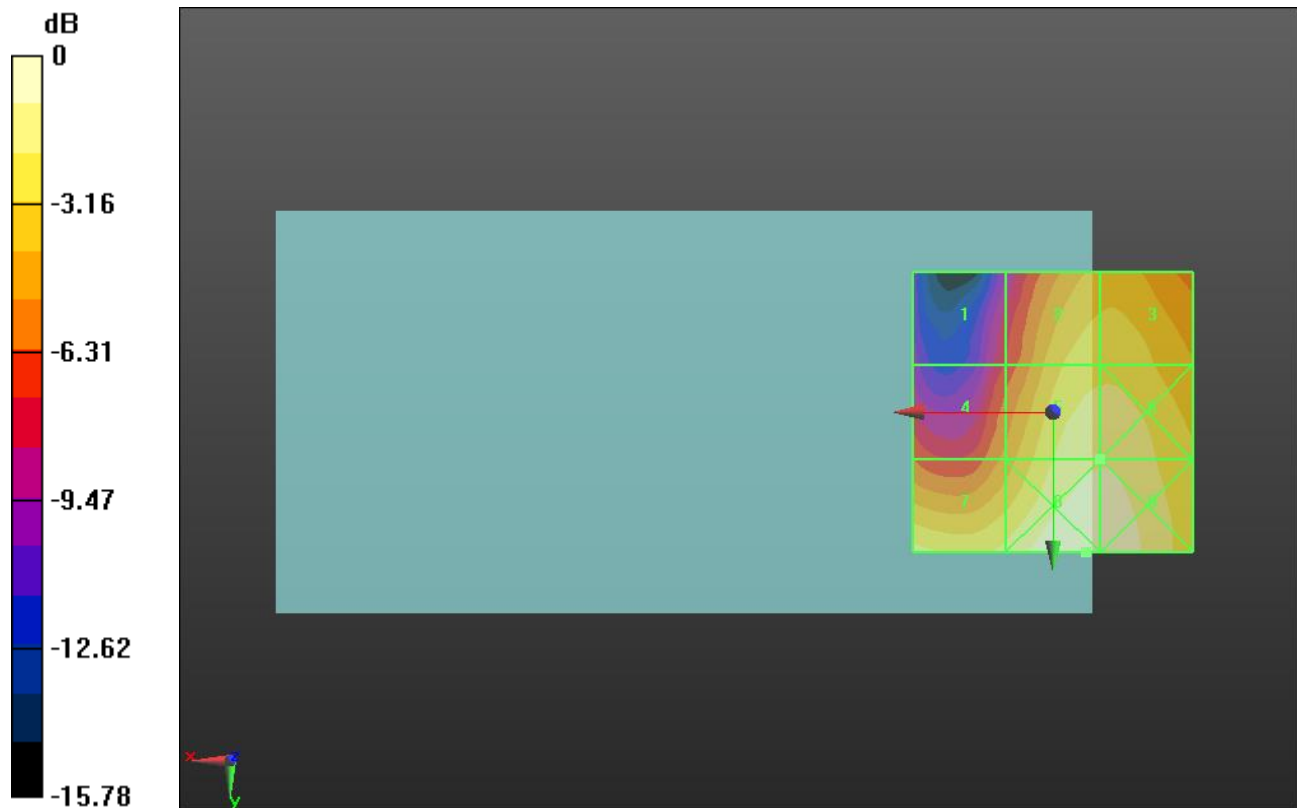
Applied MIF = 3.63 dB

RF audio interference level = 26.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.59 dBV/m	Grid 2 M4 25.38 dBV/m	Grid 3 M4 25.42 dBV/m
Grid 4 M4 22.94 dBV/m	Grid 5 M4 26.63 dBV/m	Grid 6 M4 26.63 dBV/m
Grid 7 M4 26.07 dBV/m	Grid 8 M4 27.77 dBV/m	Grid 9 M4 27.69 dBV/m



0 dB = 24.45 V/m = 27.77 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.64 V/m; Power Drift = -0.08 dB

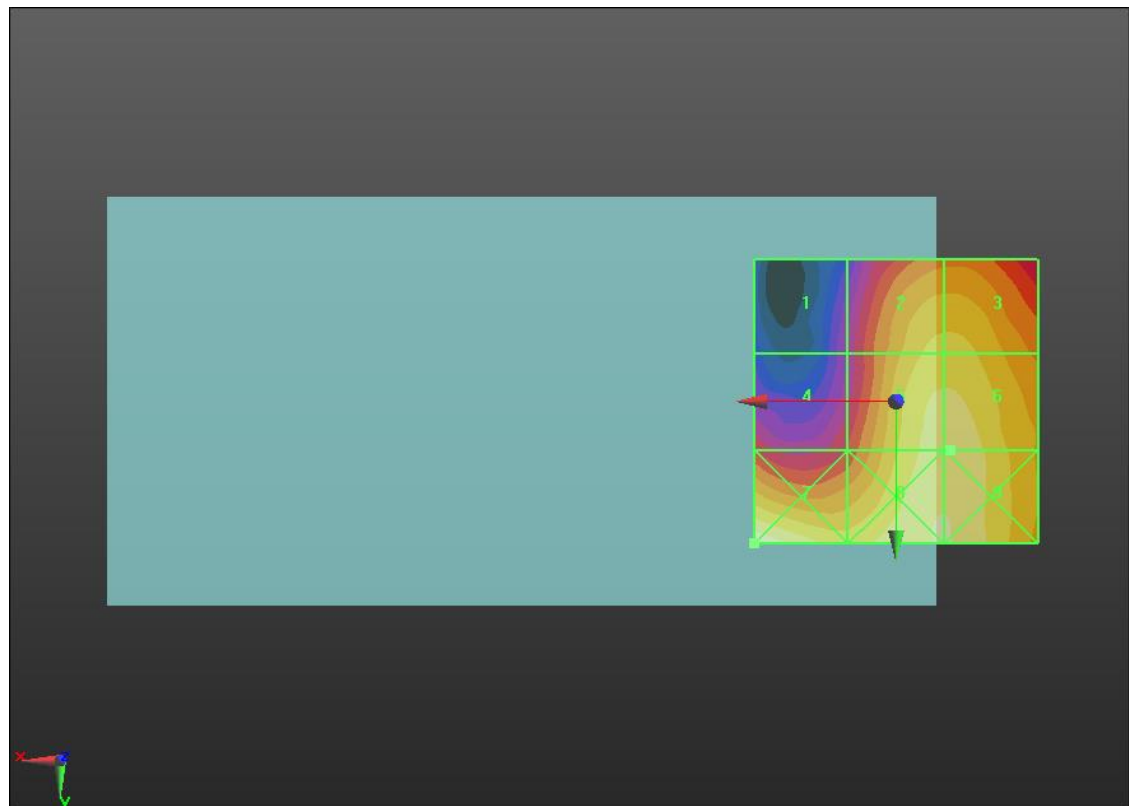
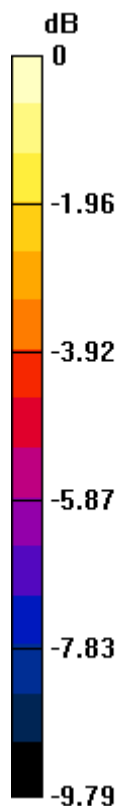
Applied MIF = 3.63 dB

RF audio interference level = 25.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.71 dBV/m	Grid 2 M4 24.75 dBV/m	Grid 3 M4 24.75 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 25.5 dBV/m	Grid 6 M4 25.52 dBV/m
Grid 7 M4 26.41 dBV/m	Grid 8 M4 25.81 dBV/m	Grid 9 M4 25.81 dBV/m



0 dB = 20.92 V/m = 26.41 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 = 18.19 V/m; Power Drift = -0.04 dB

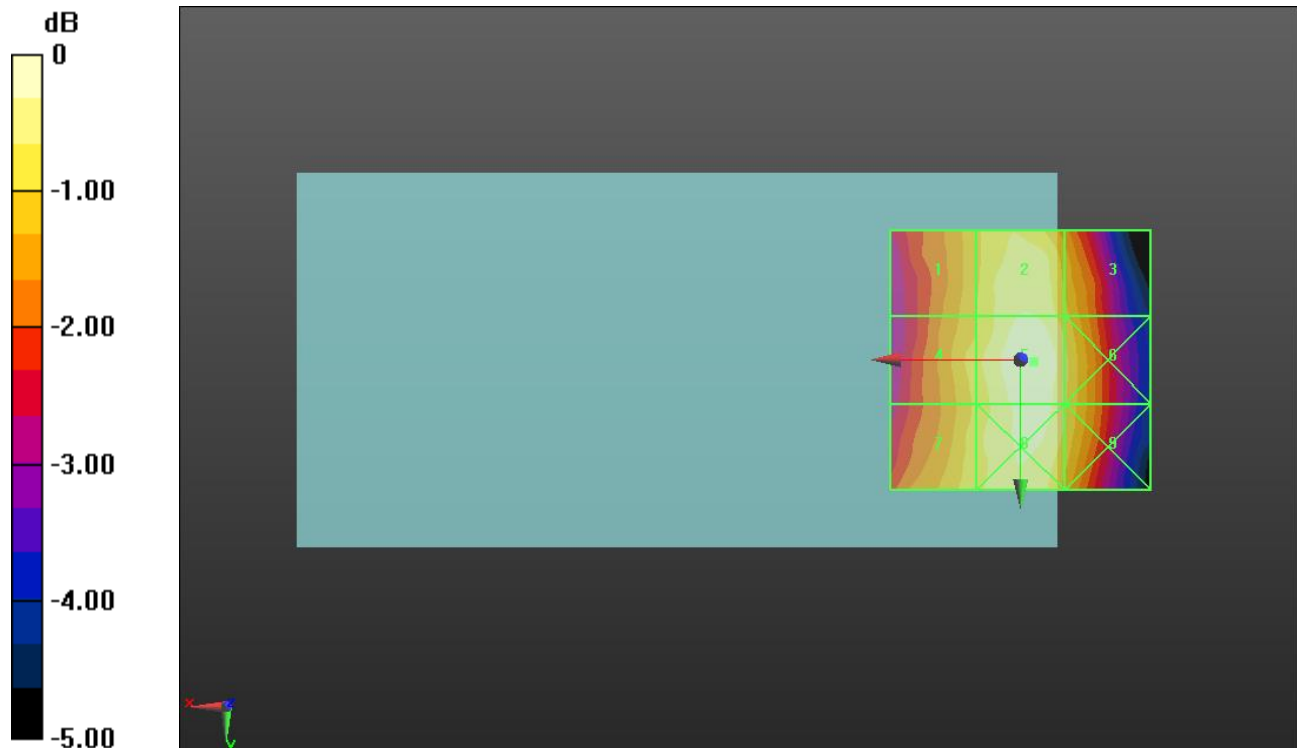
Applied MIF = 3.26 dB

RF audio interference level = 26.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 25.77 dBV/m	Grid 3 M4 25.21 dBV/m
Grid 4 M4 25.31 dBV/m	Grid 5 M4 26.08 dBV/m	Grid 6 M4 25.51 dBV/m
Grid 7 M4 25.34 dBV/m	Grid 8 M4 25.91 dBV/m	Grid 9 M4 25.45 dBV/m



0 dB = 20.13 V/m = 26.08 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.78 V/m; Power Drift = -0.05 dB

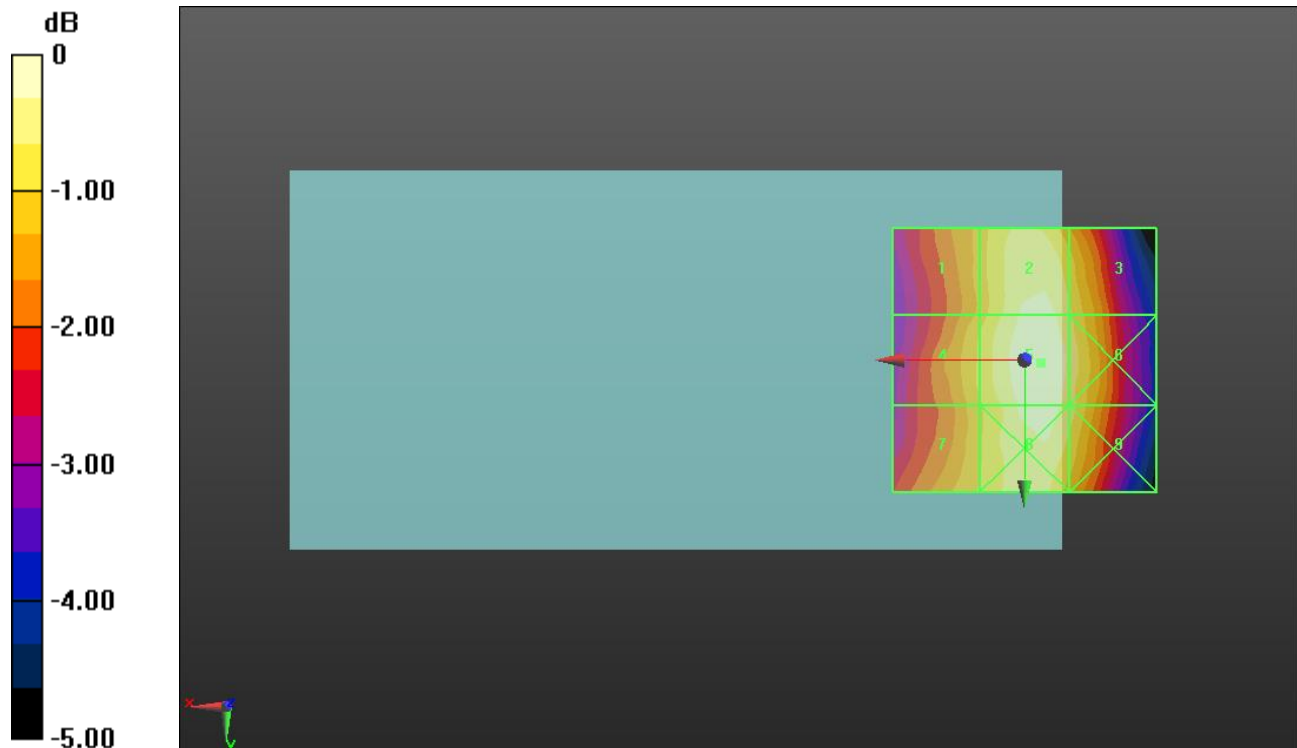
Applied MIF = 3.26 dB

RF audio interference level = 26.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 26.05 dBV/m	Grid 3 M4 25.66 dBV/m
Grid 4 M4 25.33 dBV/m	Grid 5 M4 26.26 dBV/m	Grid 6 M4 25.85 dBV/m
Grid 7 M4 25.3 dBV/m	Grid 8 M4 26.1 dBV/m	Grid 9 M4 25.75 dBV/m



0 dB = 20.55 V/m = 26.26 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 = 16.84 V/m; Power Drift = -0.02 dB

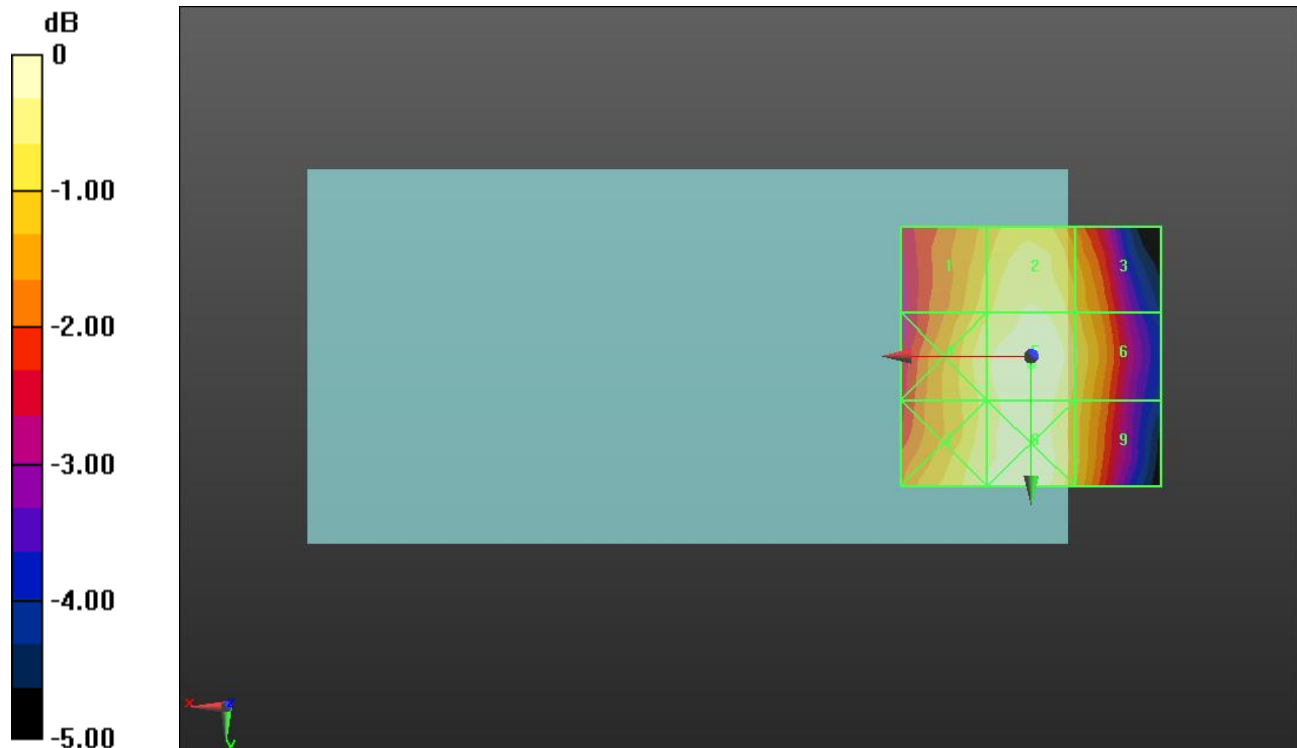
Applied MIF = 3.26 dB

RF audio interference level = 25.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.39 dBV/m	Grid 2 M4 24.84 dBV/m	Grid 3 M4 24.23 dBV/m
Grid 4 M4 24.75 dBV/m	Grid 5 M4 25.13 dBV/m	Grid 6 M4 24.53 dBV/m
Grid 7 M4 24.88 dBV/m	Grid 8 M4 25.08 dBV/m	Grid 9 M4 24.34 dBV/m



0 dB = 18.06 V/m = 25.13 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 = 4.820 V/m; Power Drift = 0.09 dB

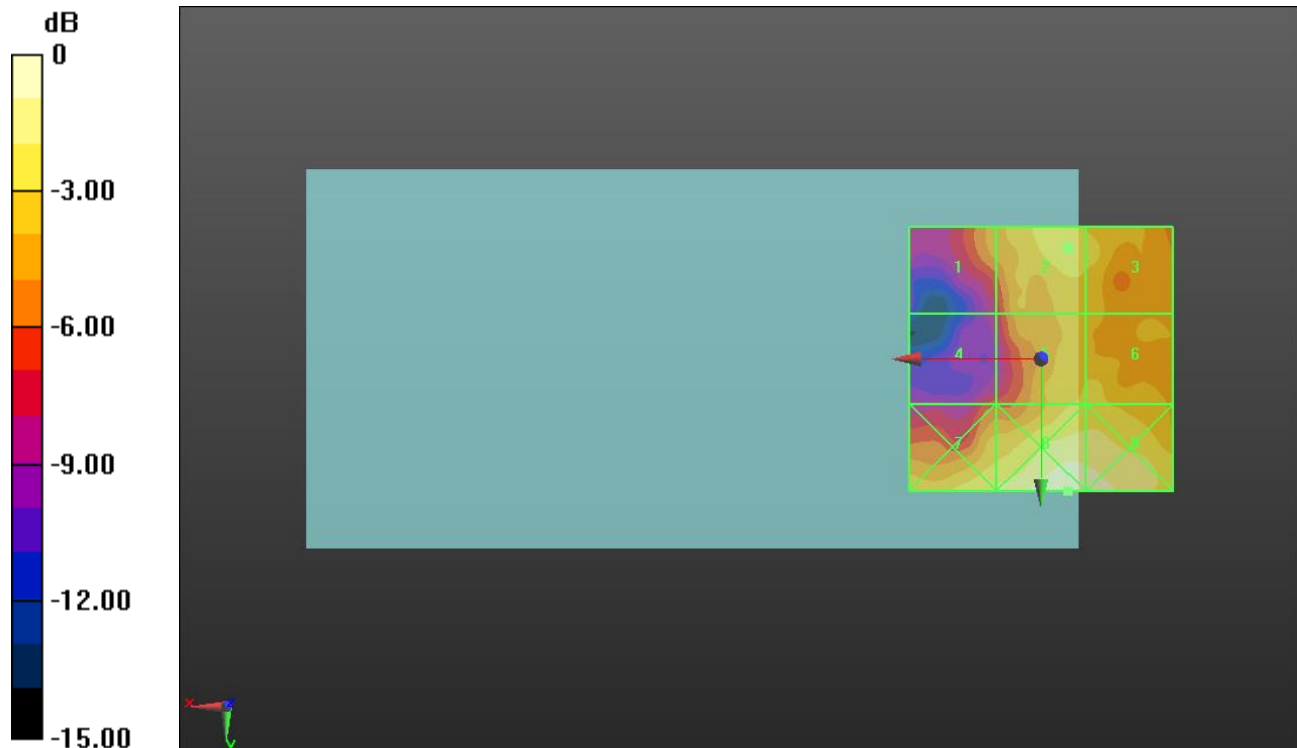
Applied MIF = 3.26 dB

RF audio interference level = 17.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.13 dBV/m	Grid 2 M4 17.16 dBV/m	Grid 3 M4 16.9 dBV/m
Grid 4 M4 13 dBV/m	Grid 5 M4 16.61 dBV/m	Grid 6 M4 16.7 dBV/m
Grid 7 M4 17.62 dBV/m	Grid 8 M4 19.39 dBV/m	Grid 9 M4 19.07 dBV/m



0 dB = 9.319 V/m = 19.39 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 = 5.404 V/m; Power Drift = 0.11 dB

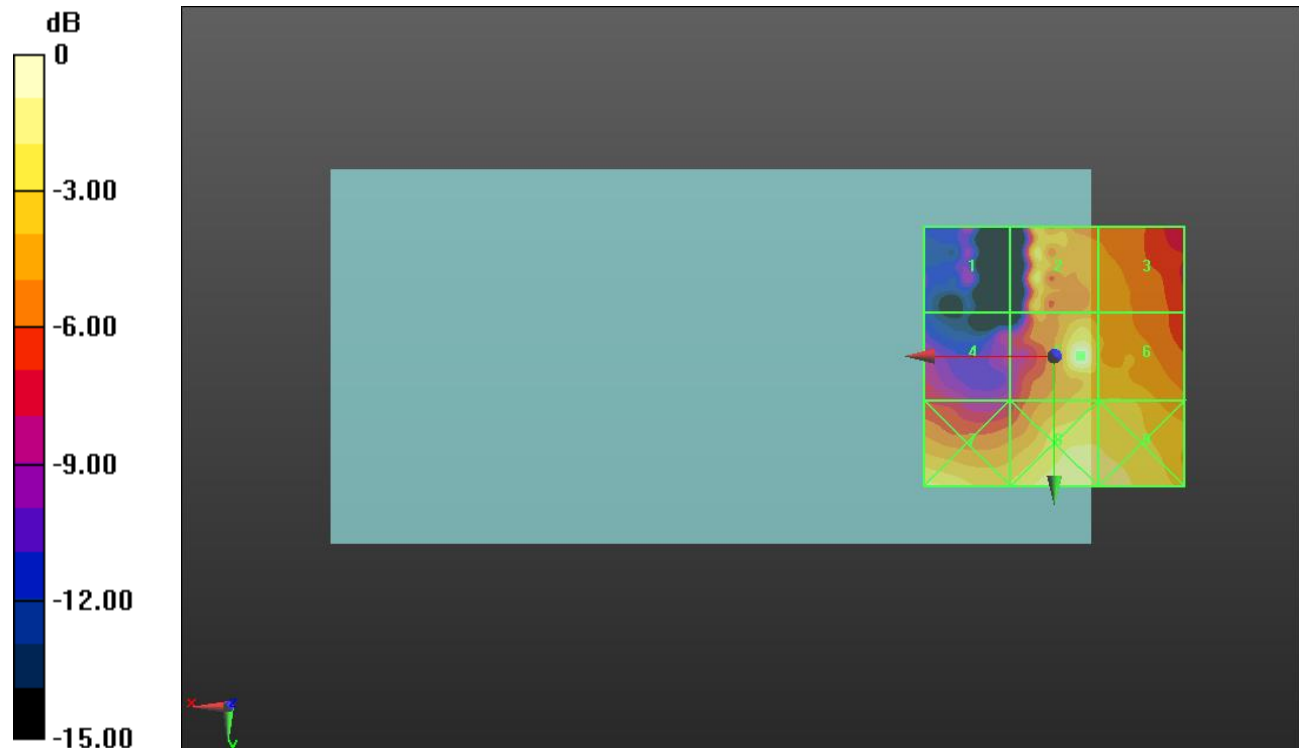
Applied MIF = 3.26 dB

RF audio interference level = 20.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.08 dBV/m	Grid 2 M4 18.44 dBV/m	Grid 3 M4 16.88 dBV/m
Grid 4 M4 13.99 dBV/m	Grid 5 M4 20.87 dBV/m	Grid 6 M4 17.94 dBV/m
Grid 7 M4 19.29 dBV/m	Grid 8 M4 19.67 dBV/m	Grid 9 M4 19.58 dBV/m



0 dB = 11.05 V/m = 20.87 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 = 6.122 V/m; Power Drift = 0.03 dB

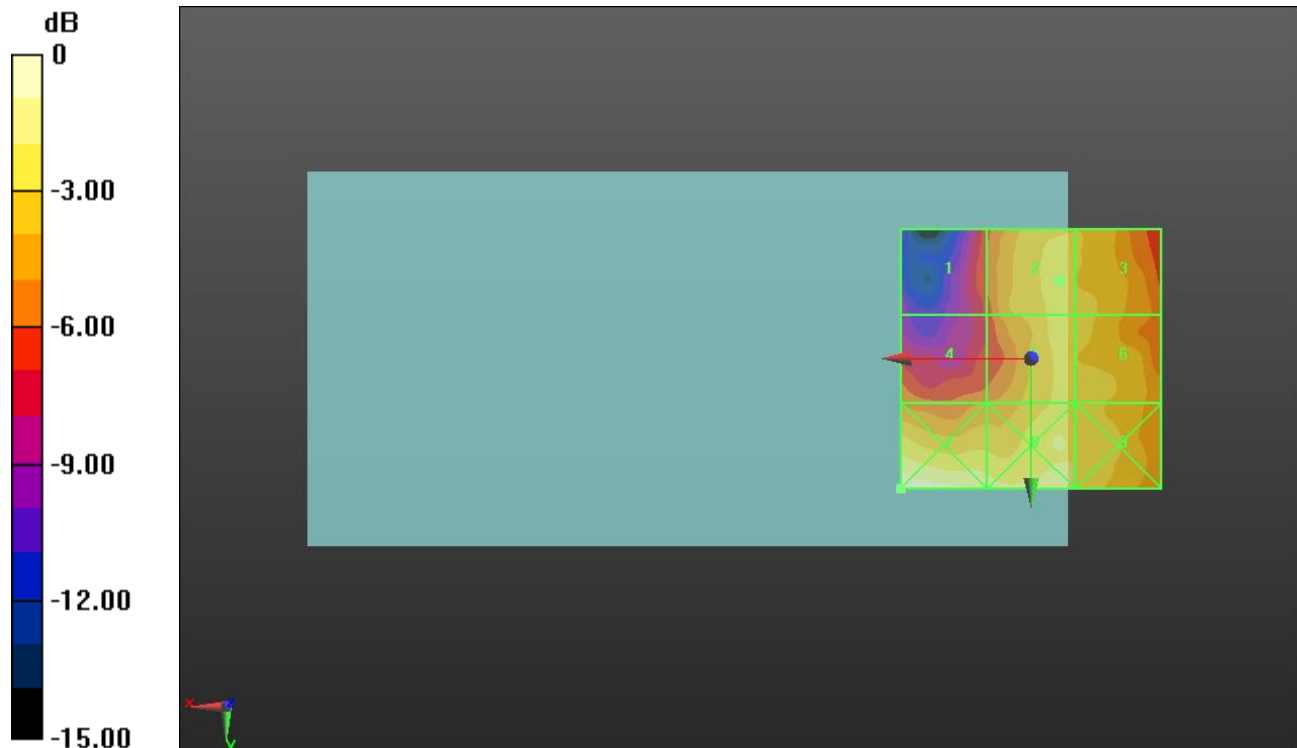
Applied MIF = 3.26 dB

RF audio interference level = 17.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.49 dBV/m	Grid 2 M4 17.83 dBV/m	Grid 3 M4 17.7 dBV/m
Grid 4 M4 15.38 dBV/m	Grid 5 M4 17.75 dBV/m	Grid 6 M4 17.8 dBV/m
Grid 7 M4 20.27 dBV/m	Grid 8 M4 18.89 dBV/m	Grid 9 M4 18.25 dBV/m



0 dB = 10.31 V/m = 20.27 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 = 17.57 V/m; Power Drift = 0.03 dB

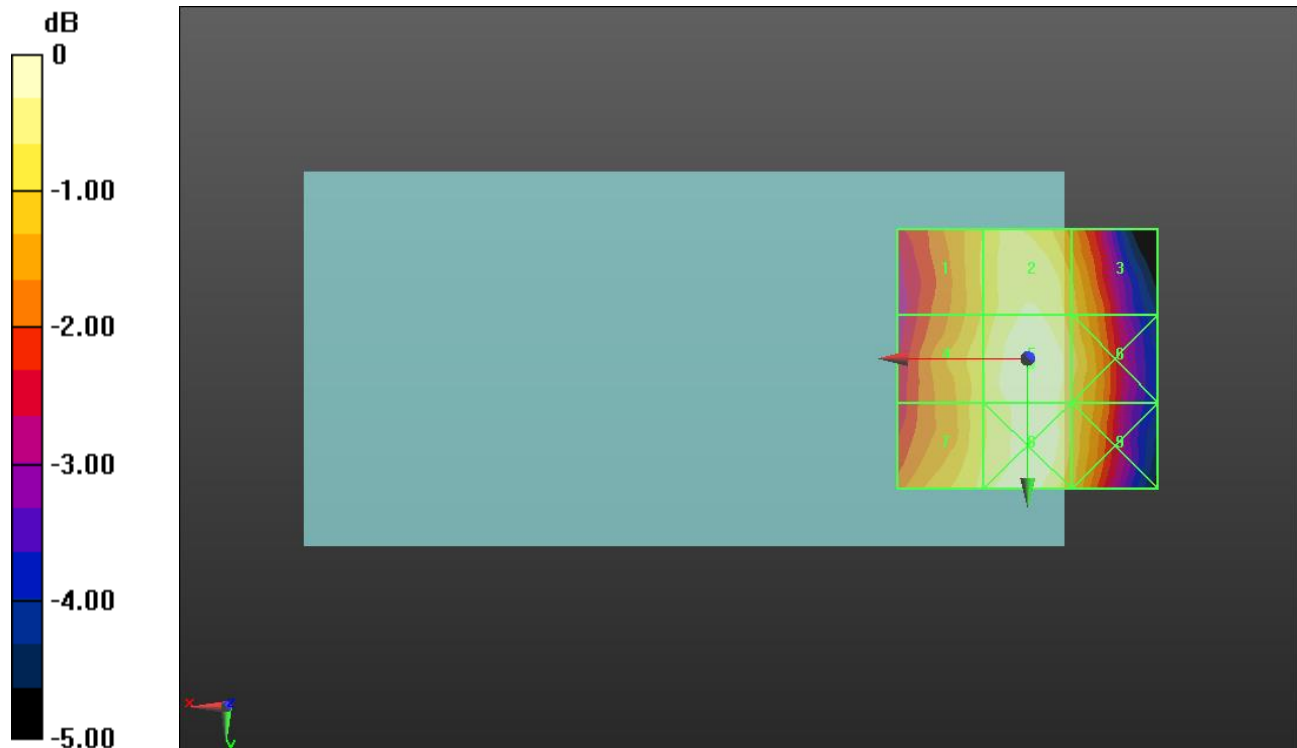
Applied MIF = 3.26 dB

RF audio interference level = 25.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.81 dBV/m	Grid 2 M4 25.44 dBV/m	Grid 3 M4 24.91 dBV/m
Grid 4 M4 25.05 dBV/m	Grid 5 M4 25.73 dBV/m	Grid 6 M4 25.21 dBV/m
Grid 7 M4 25.18 dBV/m	Grid 8 M4 25.6 dBV/m	Grid 9 M4 25.07 dBV/m



0 dB = 19.34 V/m = 25.73 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 = 17.83 V/m; Power Drift = 0.01 dB

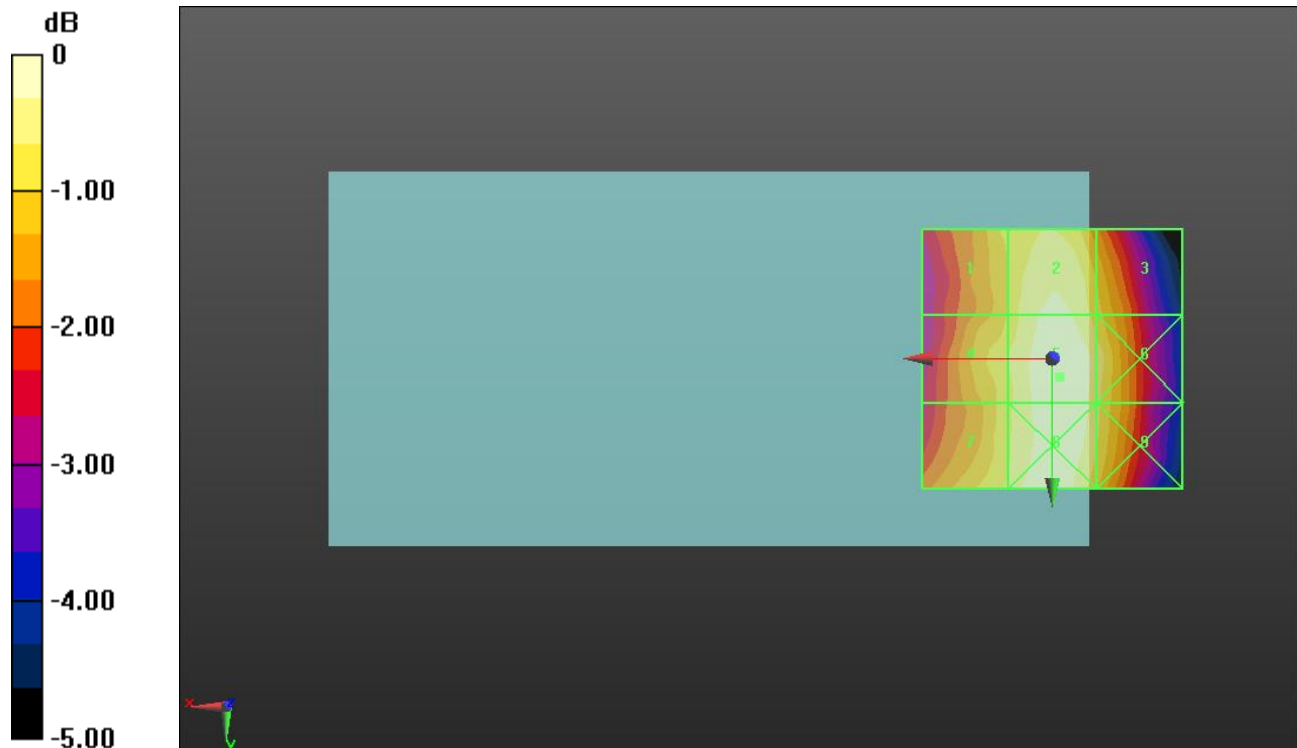
Applied MIF = 3.26 dB

RF audio interference level = 25.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.01 dBV/m	Grid 2 M4 25.61 dBV/m	Grid 3 M4 25.05 dBV/m
Grid 4 M4 25.24 dBV/m	Grid 5 M4 25.88 dBV/m	Grid 6 M4 25.42 dBV/m
Grid 7 M4 25.28 dBV/m	Grid 8 M4 25.81 dBV/m	Grid 9 M4 25.33 dBV/m



0 dB = 19.67 V/m = 25.88 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 = 18.06 V/m; Power Drift = -0.06 dB

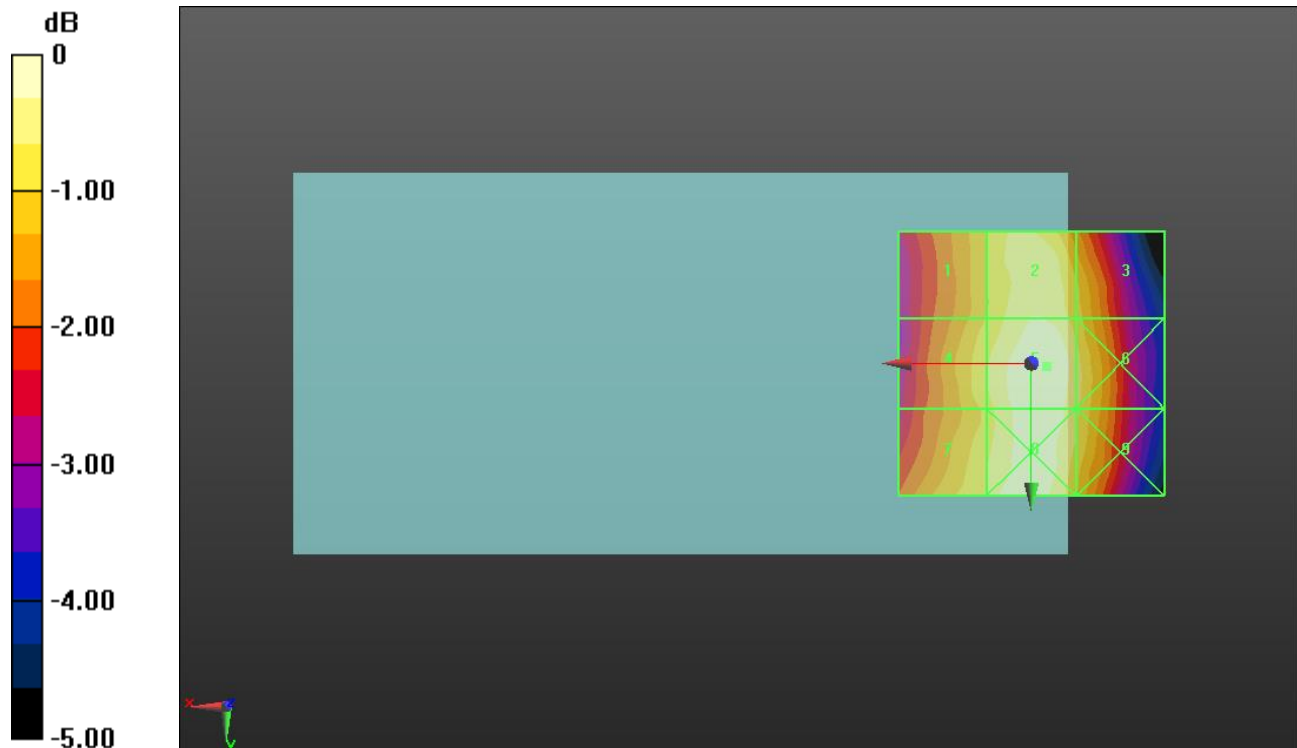
Applied MIF = 3.26 dB

RF audio interference level = 26.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.01 dBV/m	Grid 2 M4 25.69 dBV/m	Grid 3 M4 25.18 dBV/m
Grid 4 M4 25.32 dBV/m	Grid 5 M4 26 dBV/m	Grid 6 M4 25.49 dBV/m
Grid 7 M4 25.35 dBV/m	Grid 8 M4 25.95 dBV/m	Grid 9 M4 25.41 dBV/m



0 dB = 19.96 V/m = 26.00 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 = 8.567 V/m; Power Drift = -0.11 dB

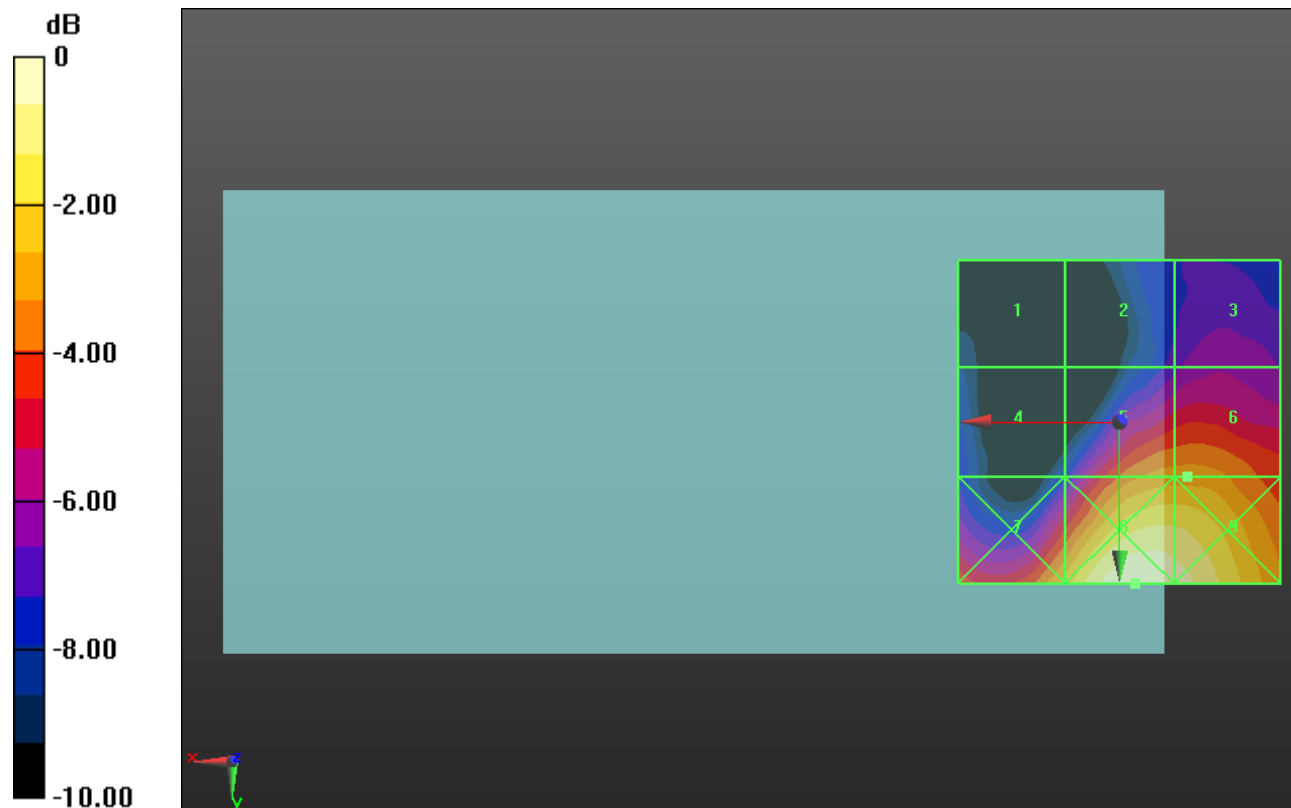
Applied MIF = -1.44 dB

RF audio interference level = 18.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.95 dBV/m	Grid 2 M4 14.79 dBV/m	Grid 3 M4 15.61 dBV/m
Grid 4 M4 14.27 dBV/m	Grid 5 M4 18.67 dBV/m	Grid 6 M4 18.69 dBV/m
Grid 7 M4 19.23 dBV/m	Grid 8 M4 21.62 dBV/m	Grid 9 M4 21.35 dBV/m



0 dB = 12.06 V/m = 21.63 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 = 11.48 V/m; Power Drift = -0.03 dB

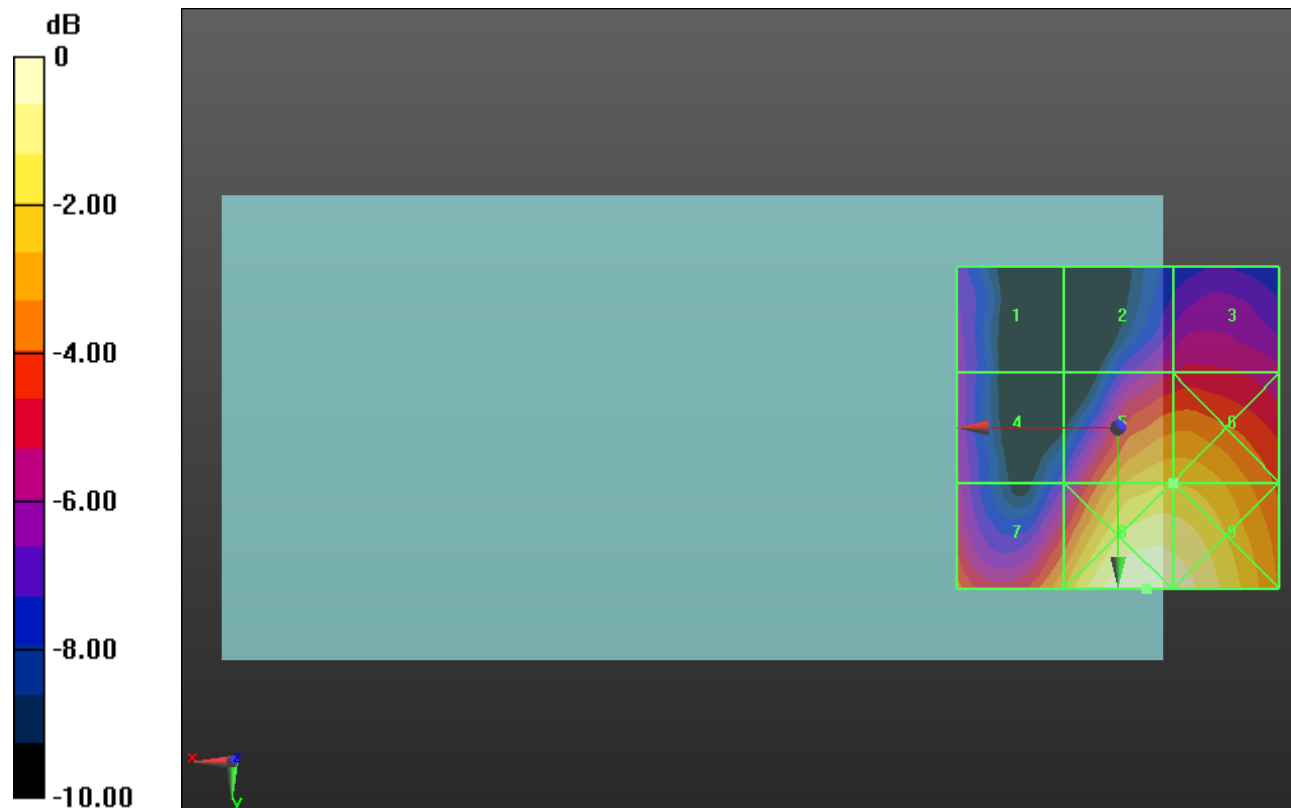
Applied MIF = -1.44 dB

RF audio interference level = 20.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.08 dBV/m	Grid 2 M4 17.04 dBV/m	Grid 3 M4 17.28 dBV/m
Grid 4 M4 16.64 dBV/m	Grid 5 M4 20.31 dBV/m	Grid 6 M4 20.31 dBV/m
Grid 7 M4 19.68 dBV/m	Grid 8 M4 22.35 dBV/m	Grid 9 M4 22.12 dBV/m



0 dB = 13.10 V/m = 22.35 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 = 10.27 V/m; Power Drift = -0.06 dB

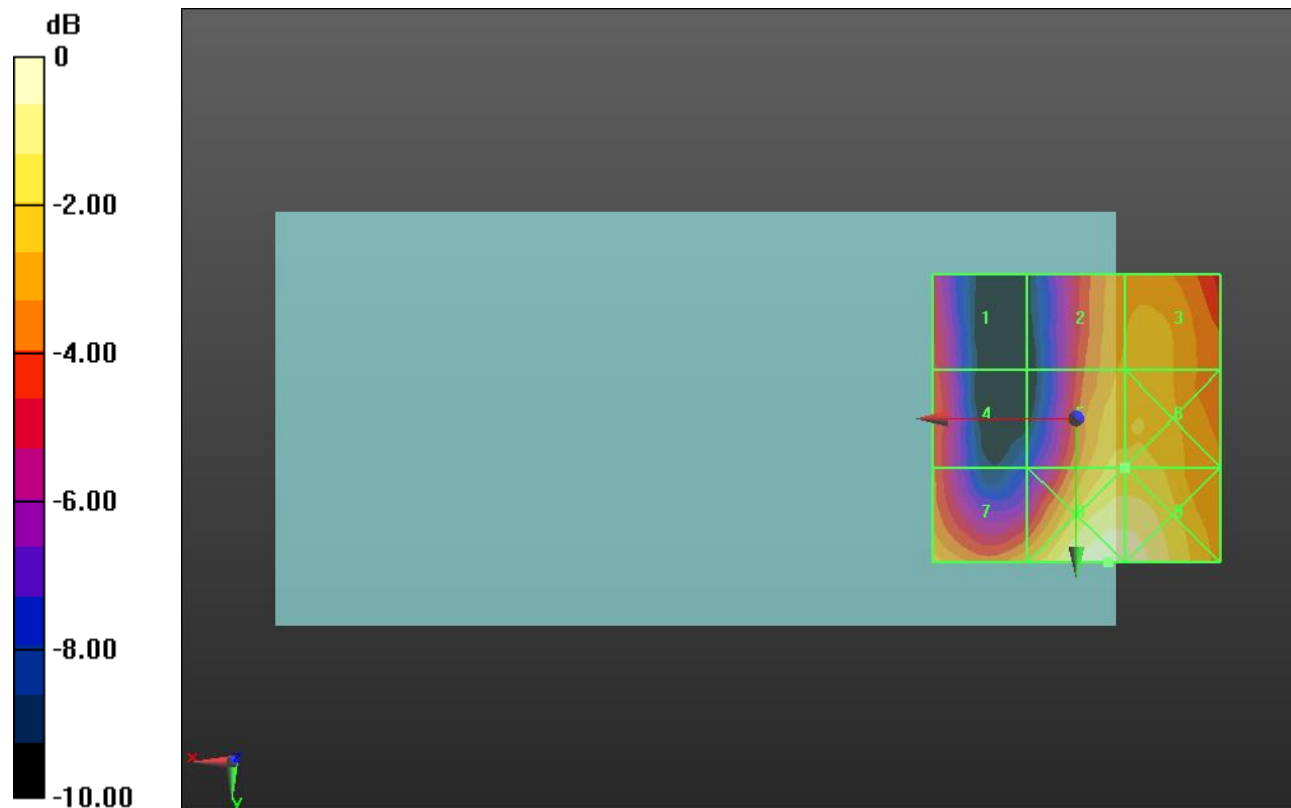
Applied MIF = -1.44 dB

RF audio interference level = 18.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.83 dBV/m	Grid 2 M4 17.69 dBV/m	Grid 3 M4 17.9 dBV/m
Grid 4 M4 16.41 dBV/m	Grid 5 M4 18.45 dBV/m	Grid 6 M4 18.45 dBV/m
Grid 7 M4 18.02 dBV/m	Grid 8 M4 20.22 dBV/m	Grid 9 M4 20.07 dBV/m



0 dB = 10.25 V/m = 20.21 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 = 10.04 V/m; Power Drift = -0.07 dB

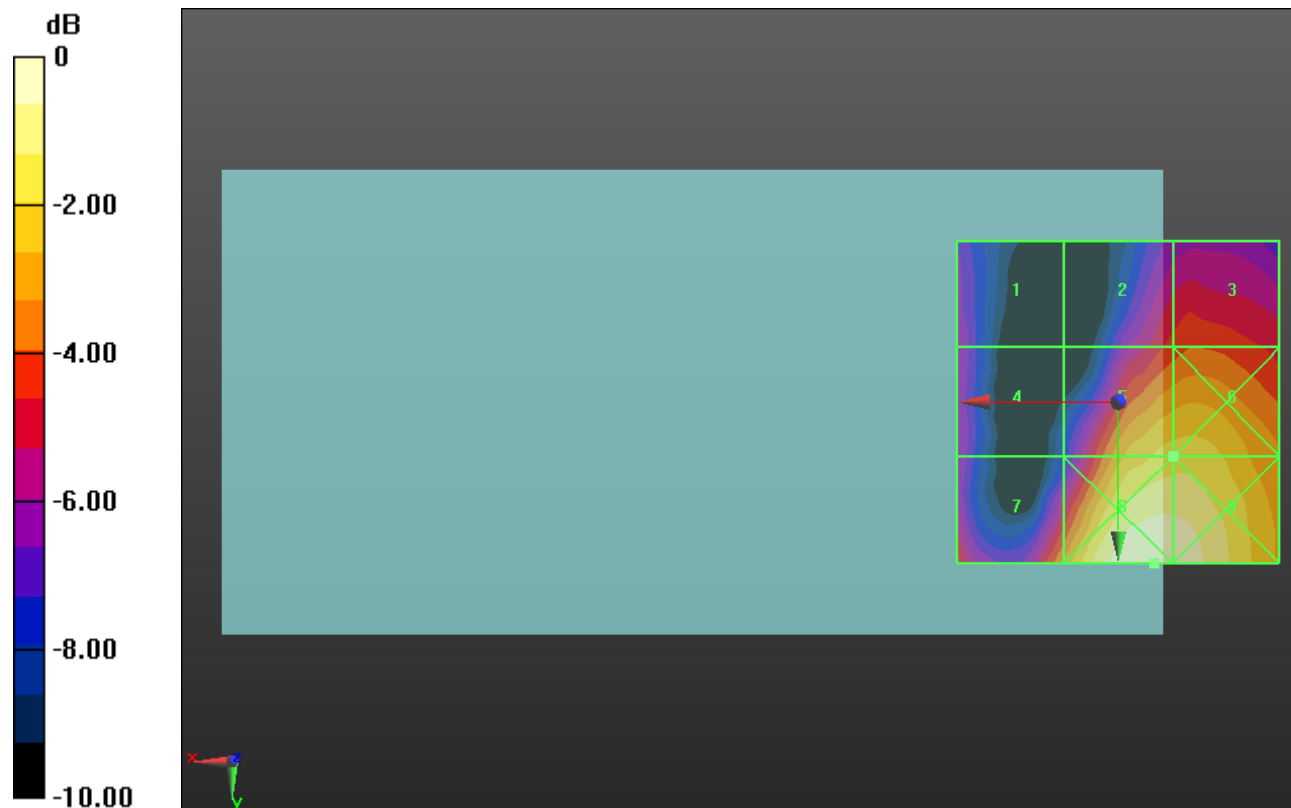
Applied MIF = -1.44 dB

RF audio interference level = 19.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.91 dBV/m	Grid 2 M4 16.56 dBV/m	Grid 3 M4 16.89 dBV/m
Grid 4 M4 14.95 dBV/m	Grid 5 M4 19.22 dBV/m	Grid 6 M4 19.27 dBV/m
Grid 7 M4 17.66 dBV/m	Grid 8 M4 20.87 dBV/m	Grid 9 M4 20.72 dBV/m



0 dB = 11.06 V/m = 20.88 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 = 9.710 V/m; Power Drift = -0.15 dB

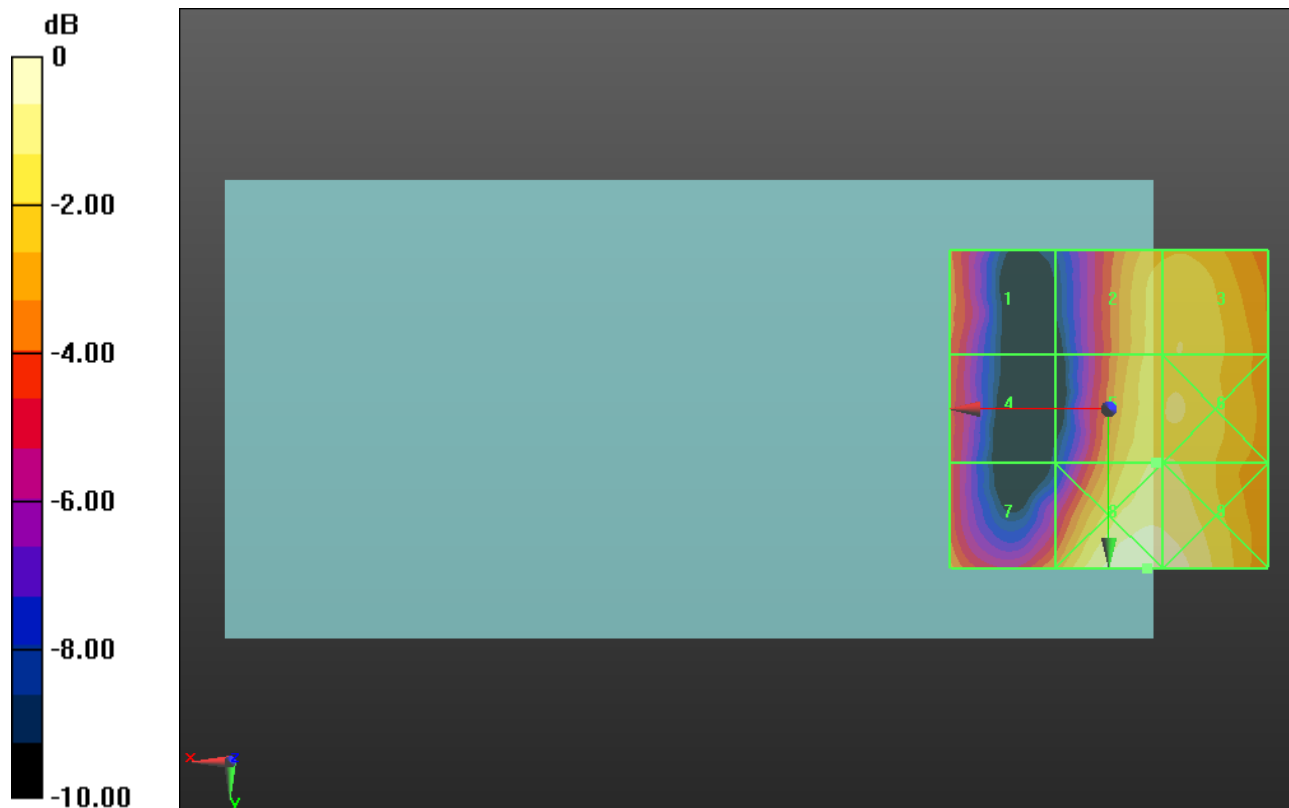
Applied MIF = -1.44 dB

RF audio interference level = 17.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.19 dBV/m	Grid 2 M4 17.37 dBV/m	Grid 3 M4 17.53 dBV/m
Grid 4 M4 14.88 dBV/m	Grid 5 M4 17.57 dBV/m	Grid 6 M4 17.6 dBV/m
Grid 7 M4 15.88 dBV/m	Grid 8 M4 18.85 dBV/m	Grid 9 M4 18.76 dBV/m



0 dB = 8.764 V/m = 18.85 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.66 V/m; Power Drift = -0.07 dB

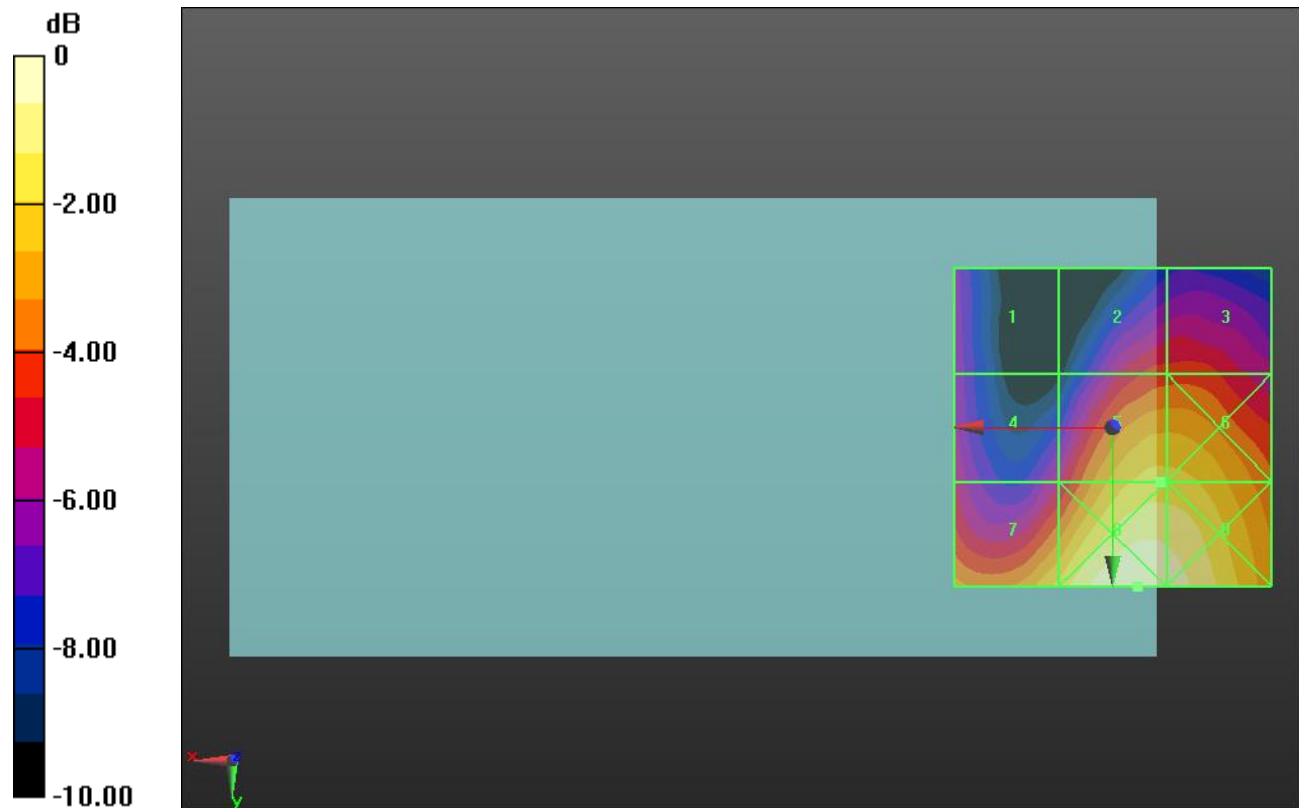
Applied MIF = -1.44 dB

RF audio interference level = 21.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.41 dBV/m	Grid 2 M4 19.12 dBV/m	Grid 3 M4 19.17 dBV/m
Grid 4 M4 18.3 dBV/m	Grid 5 M4 21.75 dBV/m	Grid 6 M4 21.74 dBV/m
Grid 7 M4 21.71 dBV/m	Grid 8 M4 23.46 dBV/m	Grid 9 M4 23.21 dBV/m



0 dB = 14.90 V/m = 23.46 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 = 16.09 V/m; Power Drift = -0.08 dB

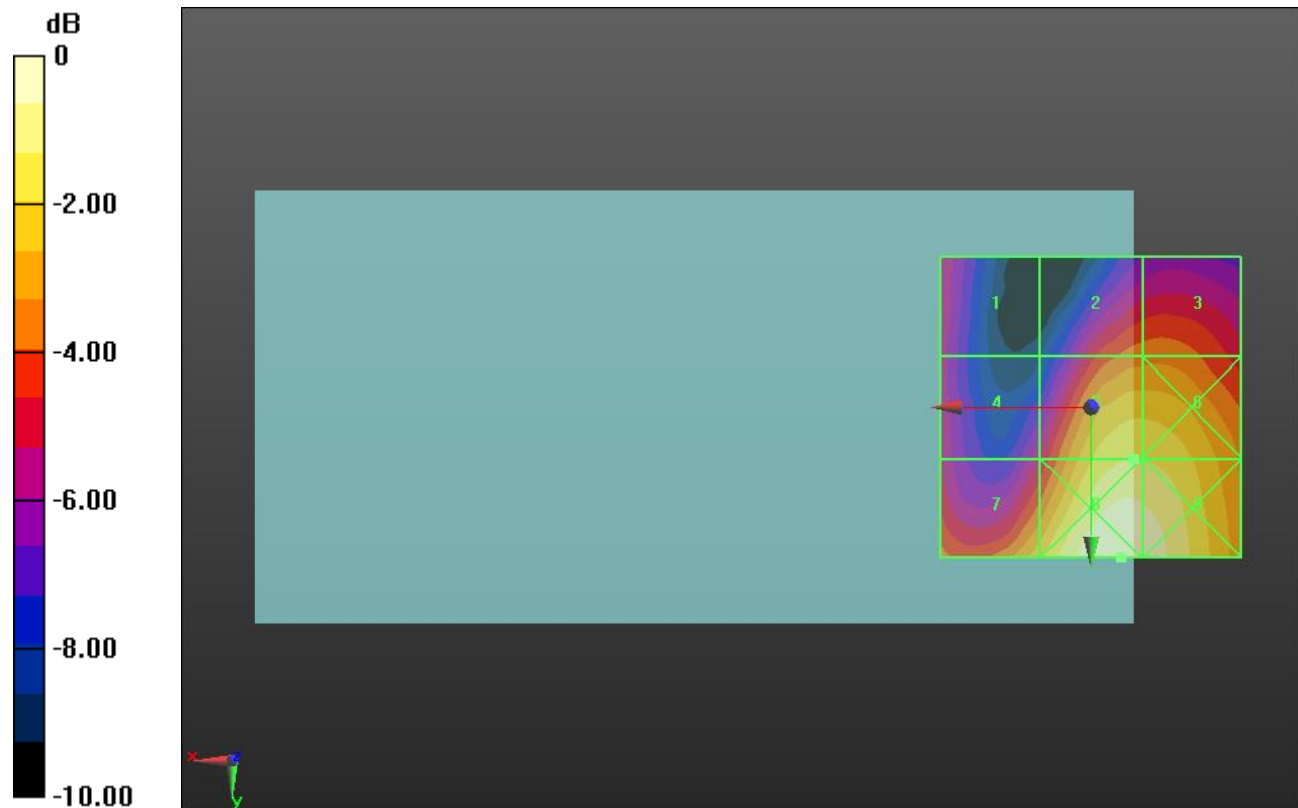
Applied MIF = -1.44 dB

RF audio interference level = 22.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.3 dBV/m	Grid 2 M4 20.12 dBV/m	Grid 3 M4 20.2 dBV/m
Grid 4 M4 18.43 dBV/m	Grid 5 M4 22.37 dBV/m	Grid 6 M4 22.34 dBV/m
Grid 7 M4 21.58 dBV/m	Grid 8 M4 23.67 dBV/m	Grid 9 M4 23.5 dBV/m



0 dB = 15.27 V/m = 23.68 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.66 V/m; Power Drift = -0.02 dB

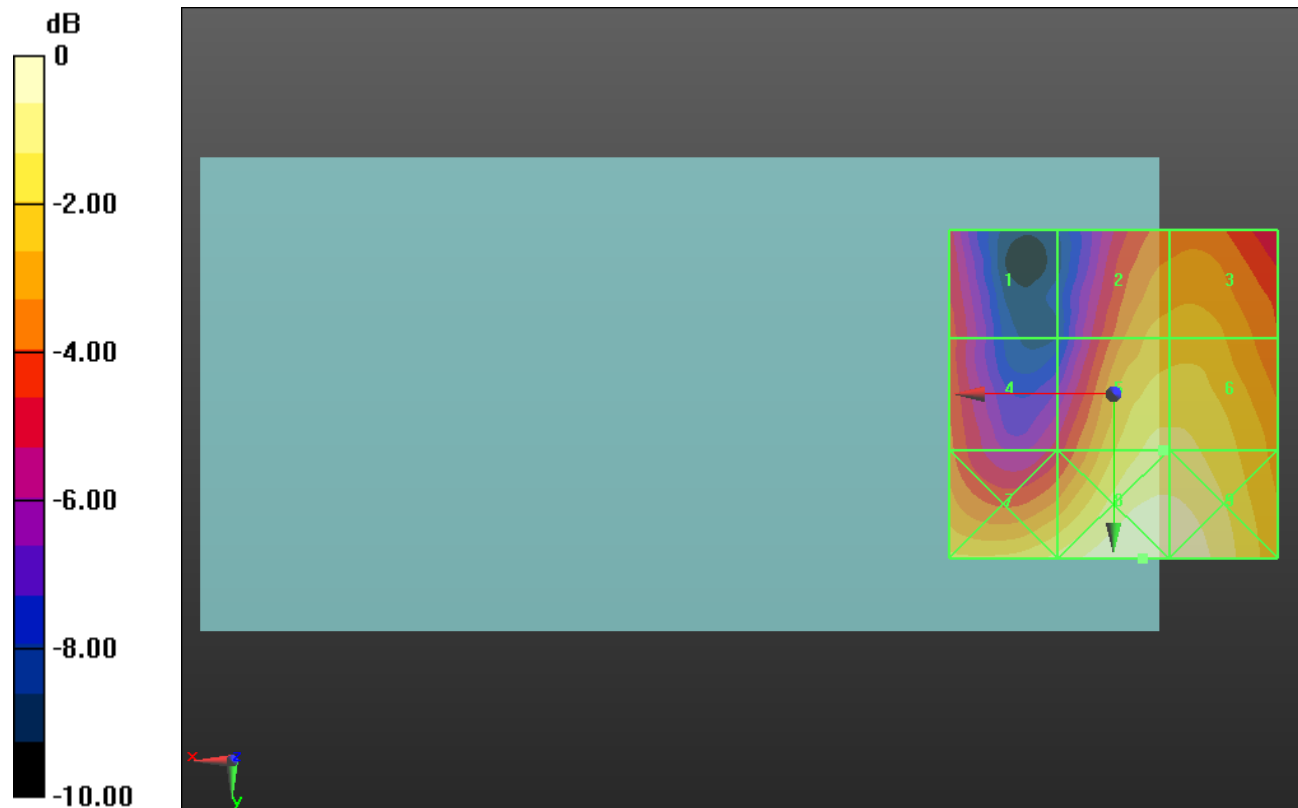
Applied MIF = -1.44 dB

RF audio interference level = 20.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.66 dBV/m	Grid 2 M4 19.56 dBV/m	Grid 3 M4 19.63 dBV/m
Grid 4 M4 18.18 dBV/m	Grid 5 M4 20.77 dBV/m	Grid 6 M4 20.76 dBV/m
Grid 7 M4 20.81 dBV/m	Grid 8 M4 21.91 dBV/m	Grid 9 M4 21.8 dBV/m



0 dB = 12.45 V/m = 21.90 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 = 16.72 V/m; Power Drift = -0.08 dB

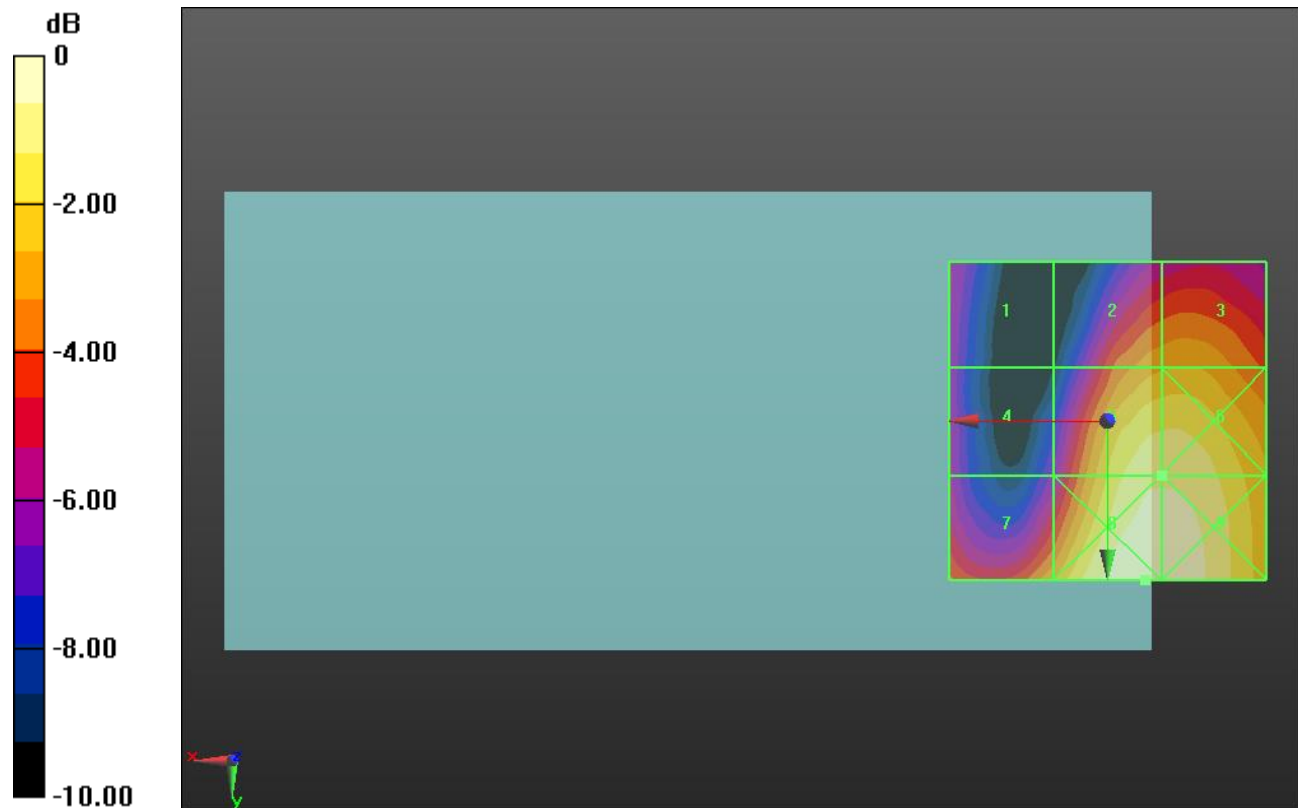
Applied MIF = -1.44 dB

RF audio interference level = 22.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.61 dBV/m	Grid 2 M4 20.63 dBV/m	Grid 3 M4 20.78 dBV/m
Grid 4 M4 17.83 dBV/m	Grid 5 M4 22.61 dBV/m	Grid 6 M4 22.61 dBV/m
Grid 7 M4 20.76 dBV/m	Grid 8 M4 23.4 dBV/m	Grid 9 M4 23.33 dBV/m



0 dB = 14.80 V/m = 23.41 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 = 15.23 V/m; Power Drift = -0.17 dB

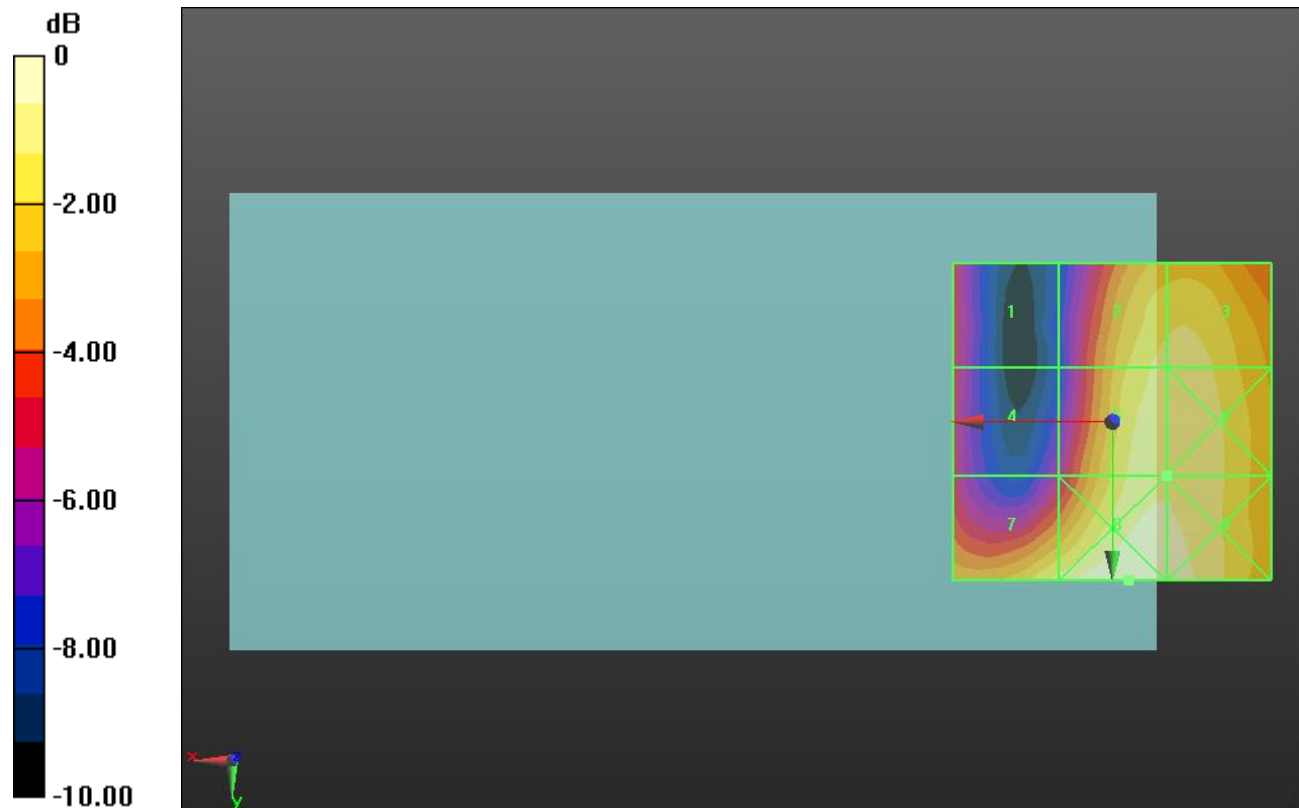
Applied MIF = -1.44 dB

RF audio interference level = 20.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.75 dBV/m	Grid 2 M4 20.43 dBV/m	Grid 3 M4 20.51 dBV/m
Grid 4 M4 16.7 dBV/m	Grid 5 M4 20.82 dBV/m	Grid 6 M4 20.84 dBV/m
Grid 7 M4 20.53 dBV/m	Grid 8 M4 21.55 dBV/m	Grid 9 M4 21.3 dBV/m



0 dB = 11.95 V/m = 21.55 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 117.8 V/m; Power Drift = -0.05 dB

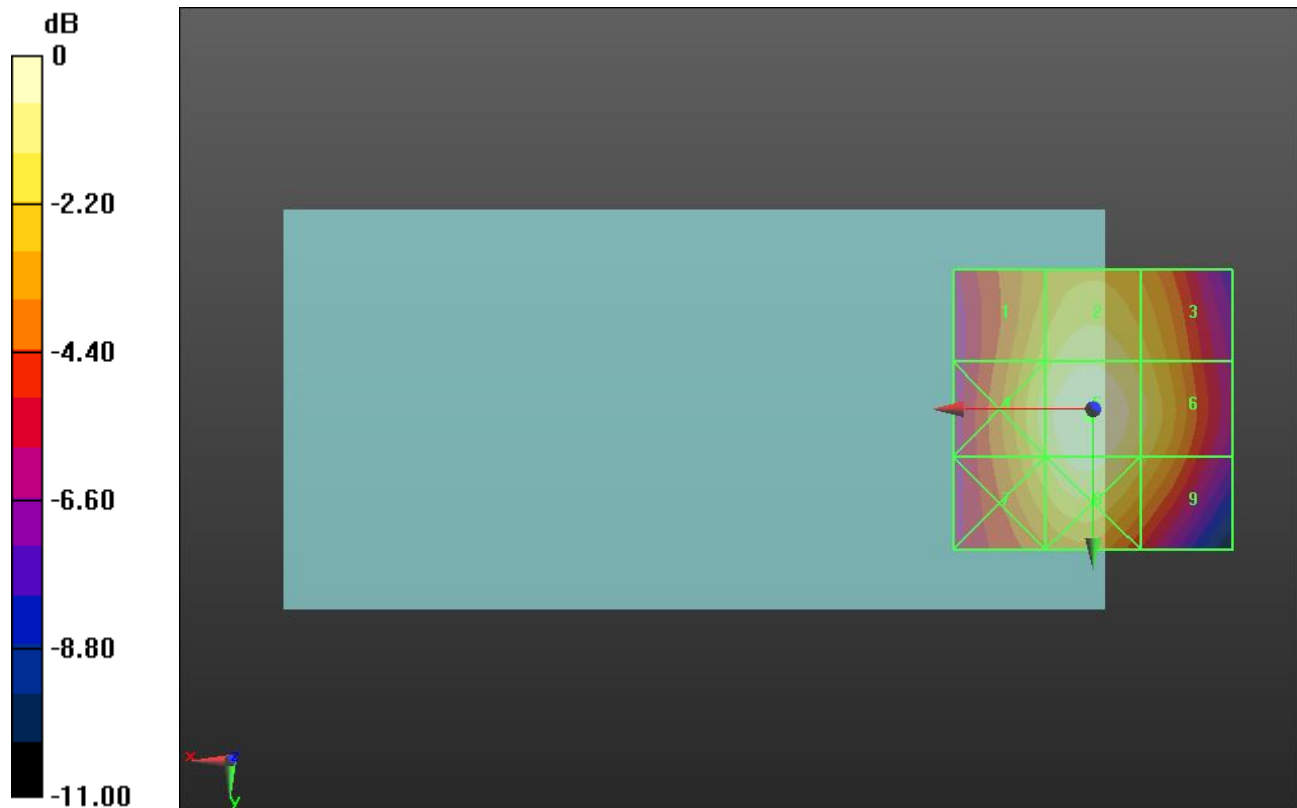
Applied MIF = 3.63 dB

RF audio interference level = 39.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.85 dBV/m	Grid 2 M4 38.84 dBV/m	Grid 3 M4 37.86 dBV/m
Grid 4 M4 38.56 dBV/m	Grid 5 M4 39.63 dBV/m	Grid 6 M4 38.46 dBV/m
Grid 7 M4 38.14 dBV/m	Grid 8 M4 39.2 dBV/m	Grid 9 M4 37.83 dBV/m



0 dB = 95.80 V/m = 39.63 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 124.3 V/m; Power Drift = -0.01 dB

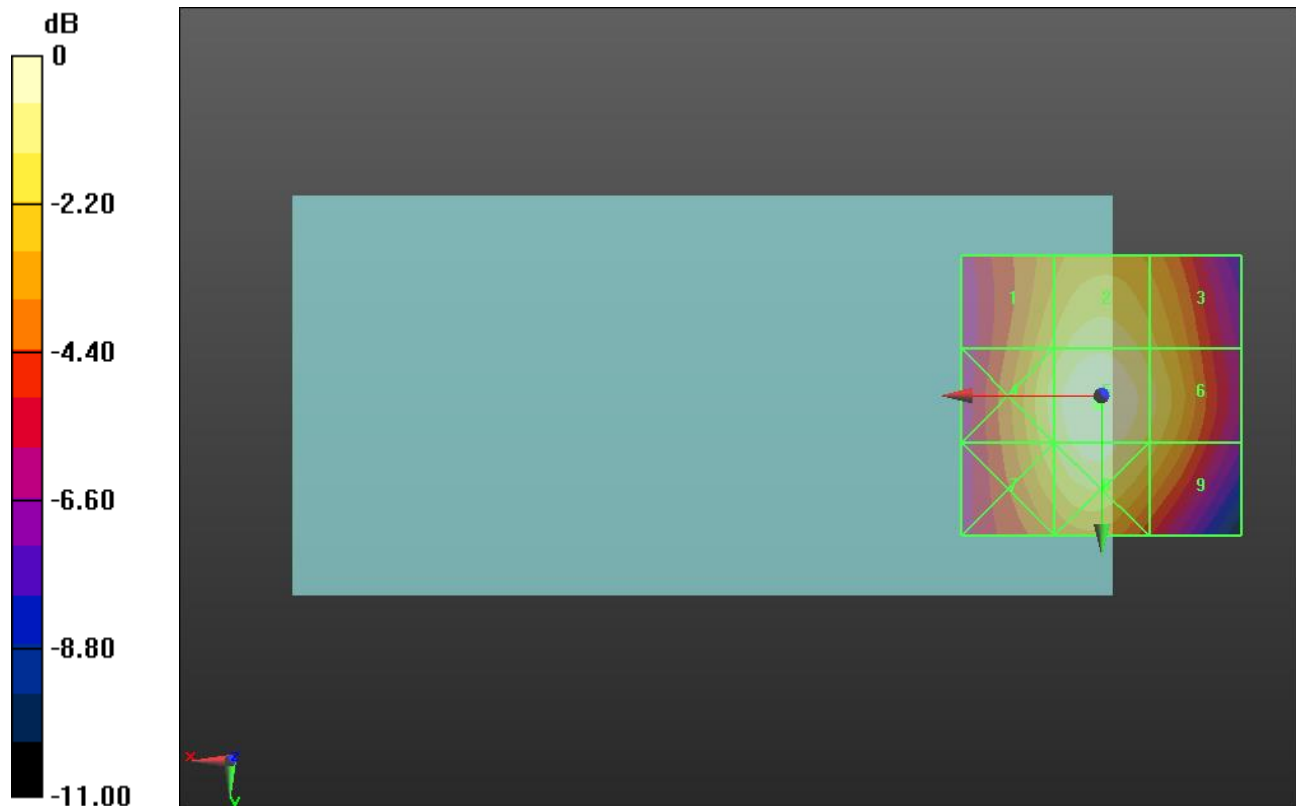
Applied MIF = 3.63 dB

RF audio interference level = 40.13 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.2 dBV/m	Grid 2 M4 39.27 dBV/m	Grid 3 M4 38.3 dBV/m
Grid 4 M4 39.03 dBV/m	Grid 5 M3 40.13 dBV/m	Grid 6 M4 38.98 dBV/m
Grid 7 M4 38.66 dBV/m	Grid 8 M4 39.74 dBV/m	Grid 9 M4 38.38 dBV/m



0 dB = 101.5 V/m = 40.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 127.0 V/m; Power Drift = 0.00 dB

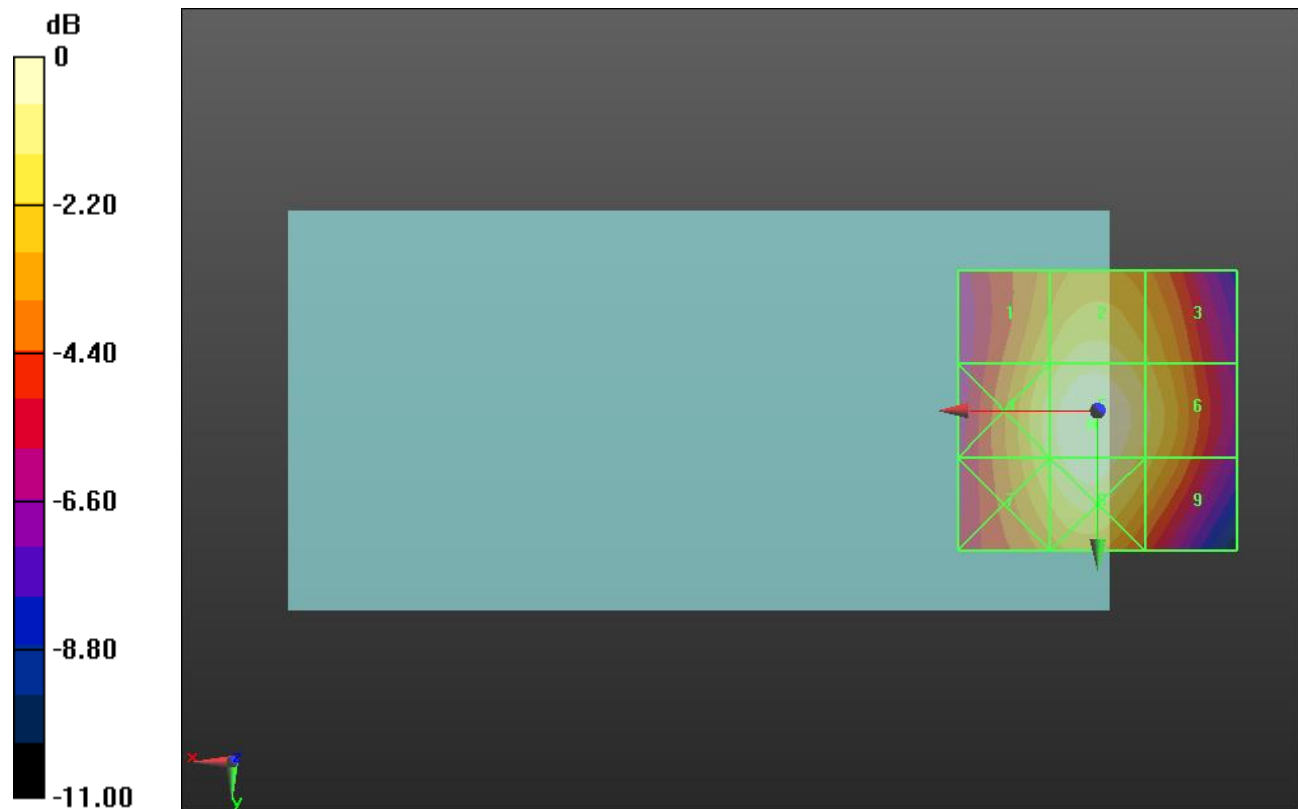
Applied MIF = 3.63 dB

RF audio interference level = 40.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.42 dBV/m	Grid 2 M4 39.41 dBV/m	Grid 3 M4 38.38 dBV/m
Grid 4 M4 39.34 dBV/m	Grid 5 M3 40.36 dBV/m	Grid 6 M4 39.12 dBV/m
Grid 7 M4 39.07 dBV/m	Grid 8 M3 40.08 dBV/m	Grid 9 M4 38.59 dBV/m



0 dB = 104.2 V/m = 40.36 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.61 V/m; Power Drift = -0.08 dB

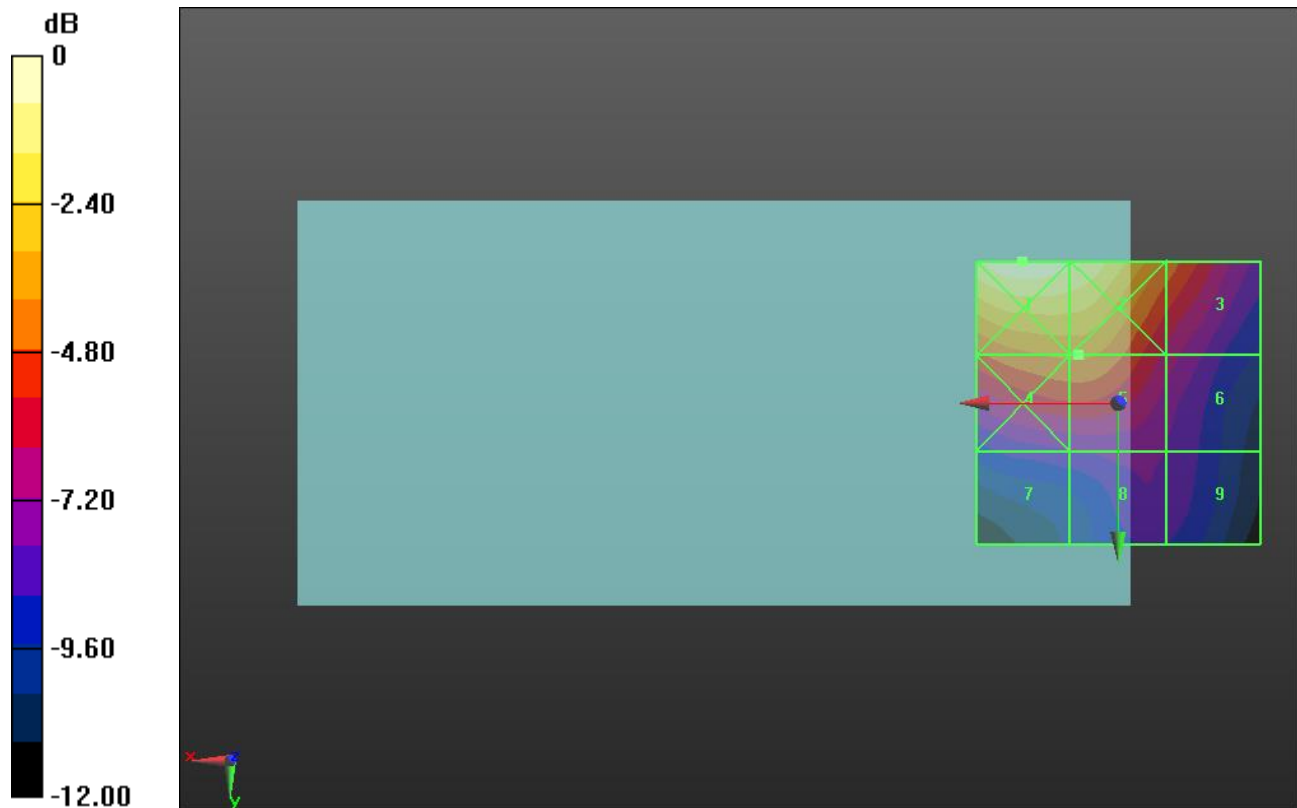
Applied MIF = 3.63 dB

RF audio interference level = 29.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.12 dBV/m	Grid 2 M3 32.61 dBV/m	Grid 3 M4 28.98 dBV/m
Grid 4 M4 29.28 dBV/m	Grid 5 M4 29.31 dBV/m	Grid 6 M4 26.46 dBV/m
Grid 7 M4 25.07 dBV/m	Grid 8 M4 25.46 dBV/m	Grid 9 M4 25.12 dBV/m



0 dB = 45.29 V/m = 33.12 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.86 V/m; Power Drift = -0.08 dB

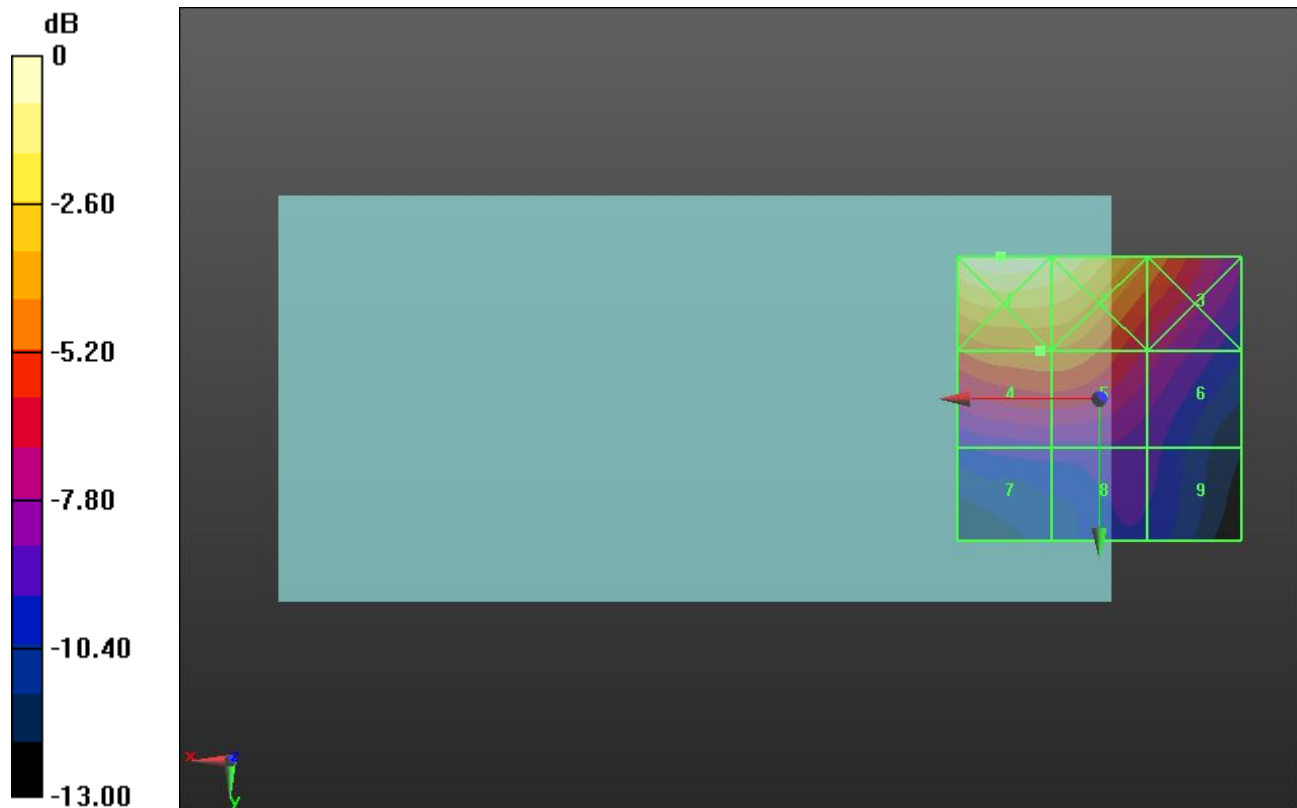
Applied MIF = 3.63 dB

RF audio interference level = 29.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.6 dBV/m	Grid 2 M3 32.97 dBV/m	Grid 3 M4 29.35 dBV/m
Grid 4 M4 29.21 dBV/m	Grid 5 M4 29.2 dBV/m	Grid 6 M4 26.45 dBV/m
Grid 7 M4 24.71 dBV/m	Grid 8 M4 24.84 dBV/m	Grid 9 M4 24.49 dBV/m



0 dB = 47.85 V/m = 33.60 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.70 V/m; Power Drift = -0.11 dB

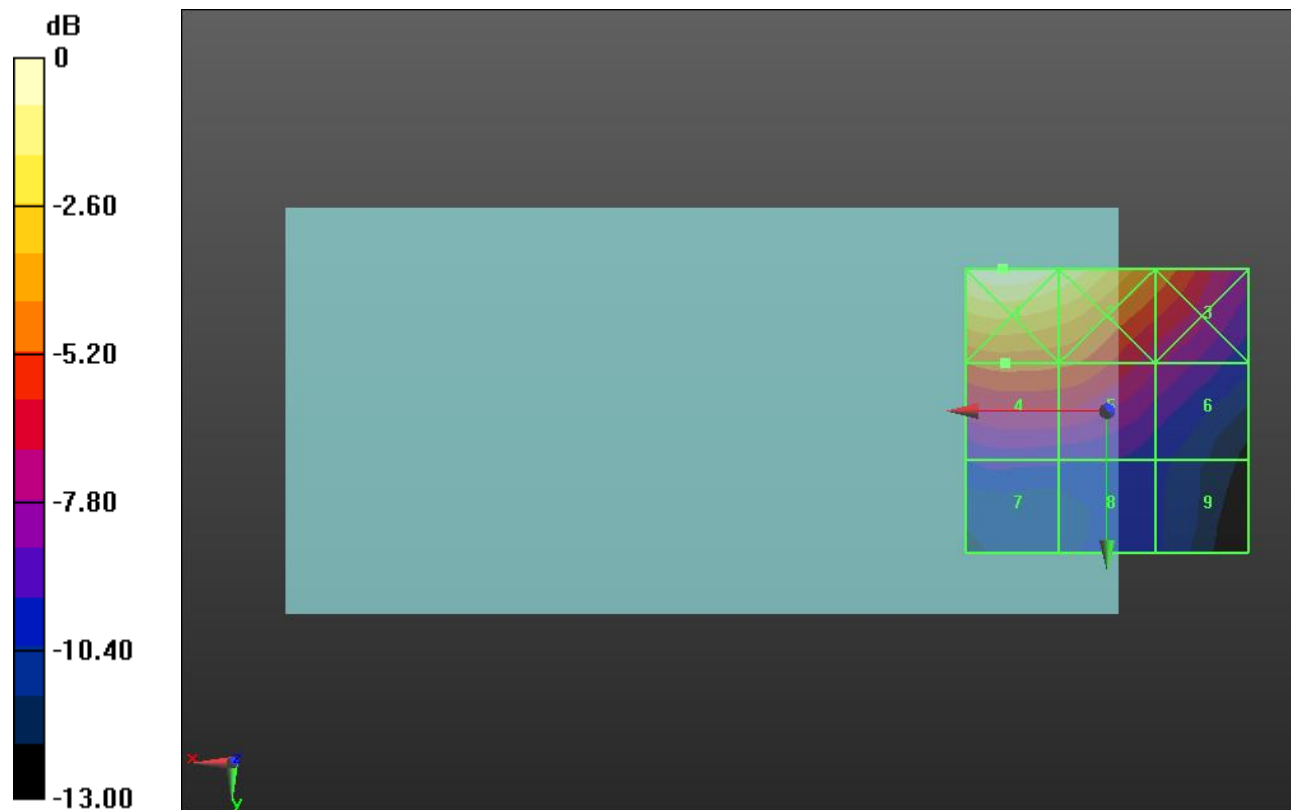
Applied MIF = 3.63 dB

RF audio interference level = 28.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.64 dBV/m	Grid 2 M3 32.82 dBV/m	Grid 3 M4 29.36 dBV/m
Grid 4 M4 28.84 dBV/m	Grid 5 M4 28.66 dBV/m	Grid 6 M4 26.12 dBV/m
Grid 7 M4 24.56 dBV/m	Grid 8 M4 24.36 dBV/m	Grid 9 M4 23.64 dBV/m



0 dB = 48.06 V/m = 33.64 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 = 55.63 V/m; Power Drift = 0.07 dB

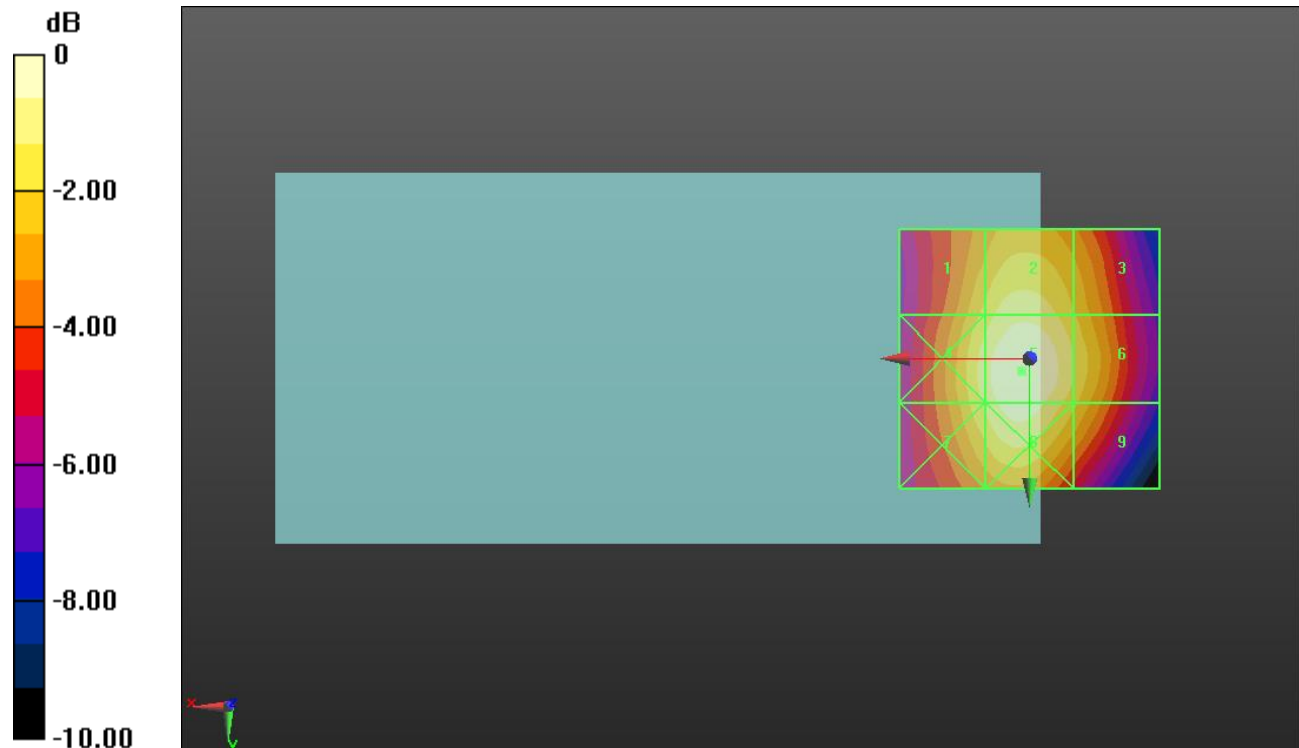
Applied MIF = 3.26 dB

RF audio interference level = 33.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.44 dBV/m	Grid 2 M4 32.32 dBV/m	Grid 3 M4 31.22 dBV/m
Grid 4 M4 32.25 dBV/m	Grid 5 M4 33.15 dBV/m	Grid 6 M4 31.87 dBV/m
Grid 7 M4 31.99 dBV/m	Grid 8 M4 32.86 dBV/m	Grid 9 M4 31.35 dBV/m



0 dB = 45.47 V/m = 33.15 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.20 V/m; Power Drift = 0.09 dB

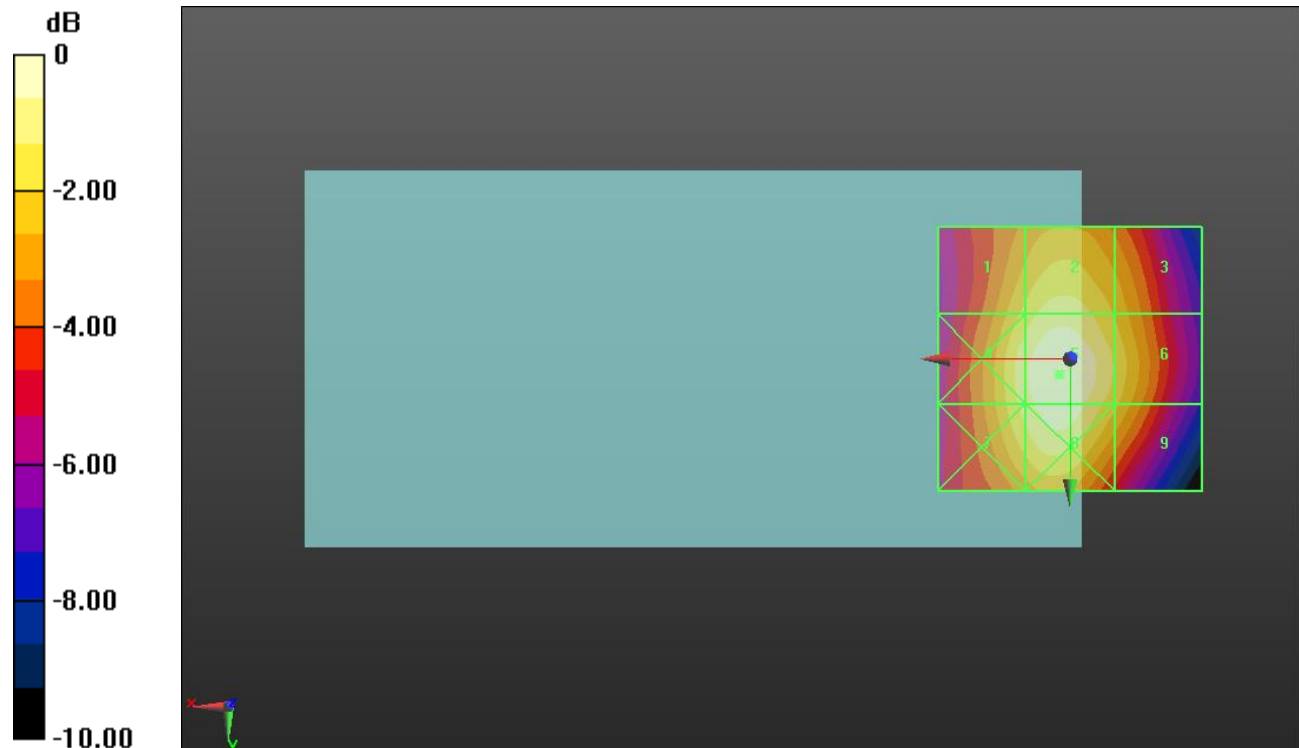
Applied MIF = 3.26 dB

RF audio interference level = 33.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.33 dBV/m	Grid 2 M4 32.12 dBV/m	Grid 3 M4 31 dBV/m
Grid 4 M4 32.26 dBV/m	Grid 5 M4 33.06 dBV/m	Grid 6 M4 31.65 dBV/m
Grid 7 M4 32.05 dBV/m	Grid 8 M4 32.84 dBV/m	Grid 9 M4 31.23 dBV/m



0 dB = 44.99 V/m = 33.06 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 = 53.13 V/m; Power Drift = -0.02 dB

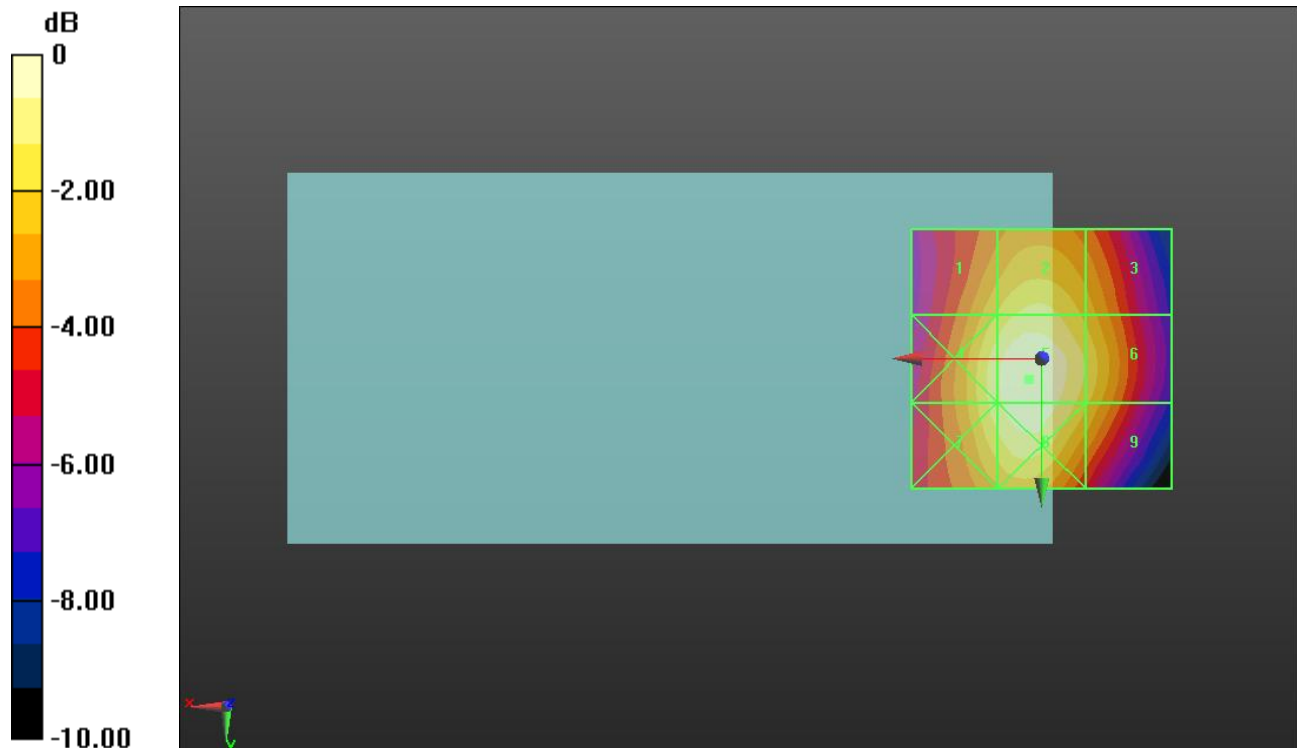
Applied MIF = 3.26 dB

RF audio interference level = 32.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.77 dBV/m	Grid 2 M4 31.64 dBV/m	Grid 3 M4 30.5 dBV/m
Grid 4 M4 31.95 dBV/m	Grid 5 M4 32.7 dBV/m	Grid 6 M4 31.3 dBV/m
Grid 7 M4 31.84 dBV/m	Grid 8 M4 32.55 dBV/m	Grid 9 M4 30.86 dBV/m



0 dB = 43.17 V/m = 32.70 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.309 V/m; Power Drift = -0.06 dB

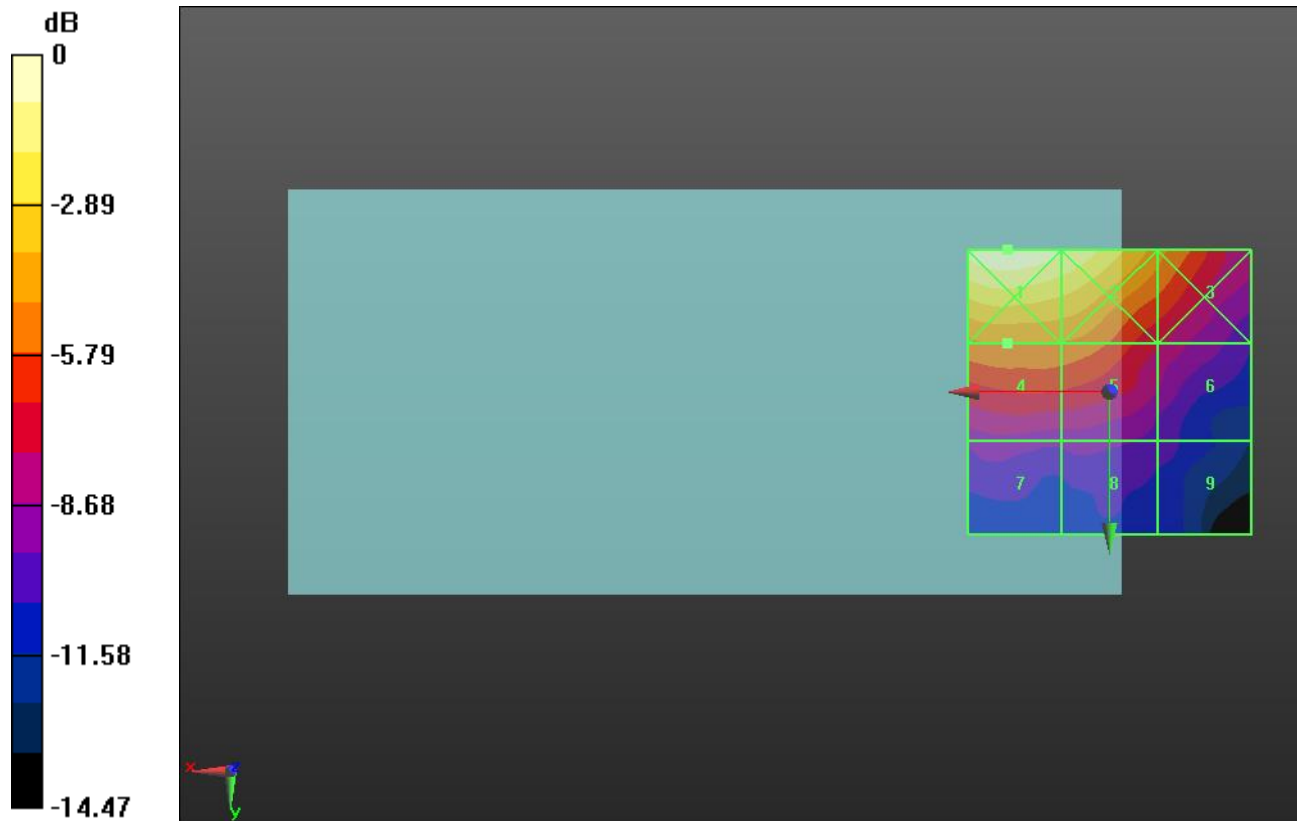
Applied MIF = 3.26 dB

RF audio interference level = 22.72 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.48 dBV/m	Grid 2 M4 26.82 dBV/m	Grid 3 M4 23.12 dBV/m
Grid 4 M4 22.72 dBV/m	Grid 5 M4 22.62 dBV/m	Grid 6 M4 19.95 dBV/m
Grid 7 M4 18.61 dBV/m	Grid 8 M4 18.41 dBV/m	Grid 9 M4 17.61 dBV/m



0 dB = 23.66 V/m = 27.48 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.210 V/m; Power Drift = -0.01 dB

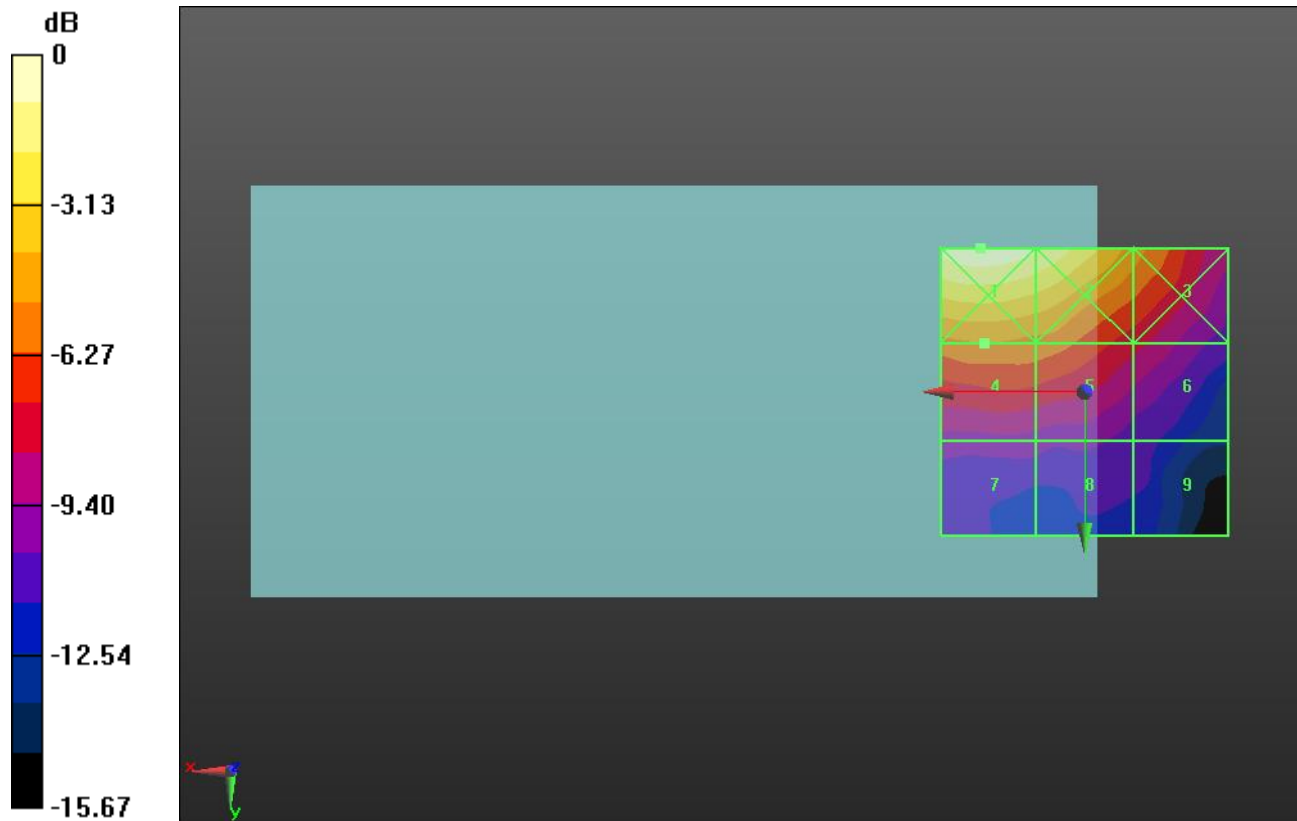
Applied MIF = 3.26 dB

RF audio interference level = 22.96 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.2 dBV/m	Grid 2 M4 27.43 dBV/m	Grid 3 M4 23.59 dBV/m
Grid 4 M4 22.96 dBV/m	Grid 5 M4 22.69 dBV/m	Grid 6 M4 20.35 dBV/m
Grid 7 M4 18.54 dBV/m	Grid 8 M4 18.41 dBV/m	Grid 9 M4 17.49 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 8.717 V/m; Power Drift = 0.00 dB

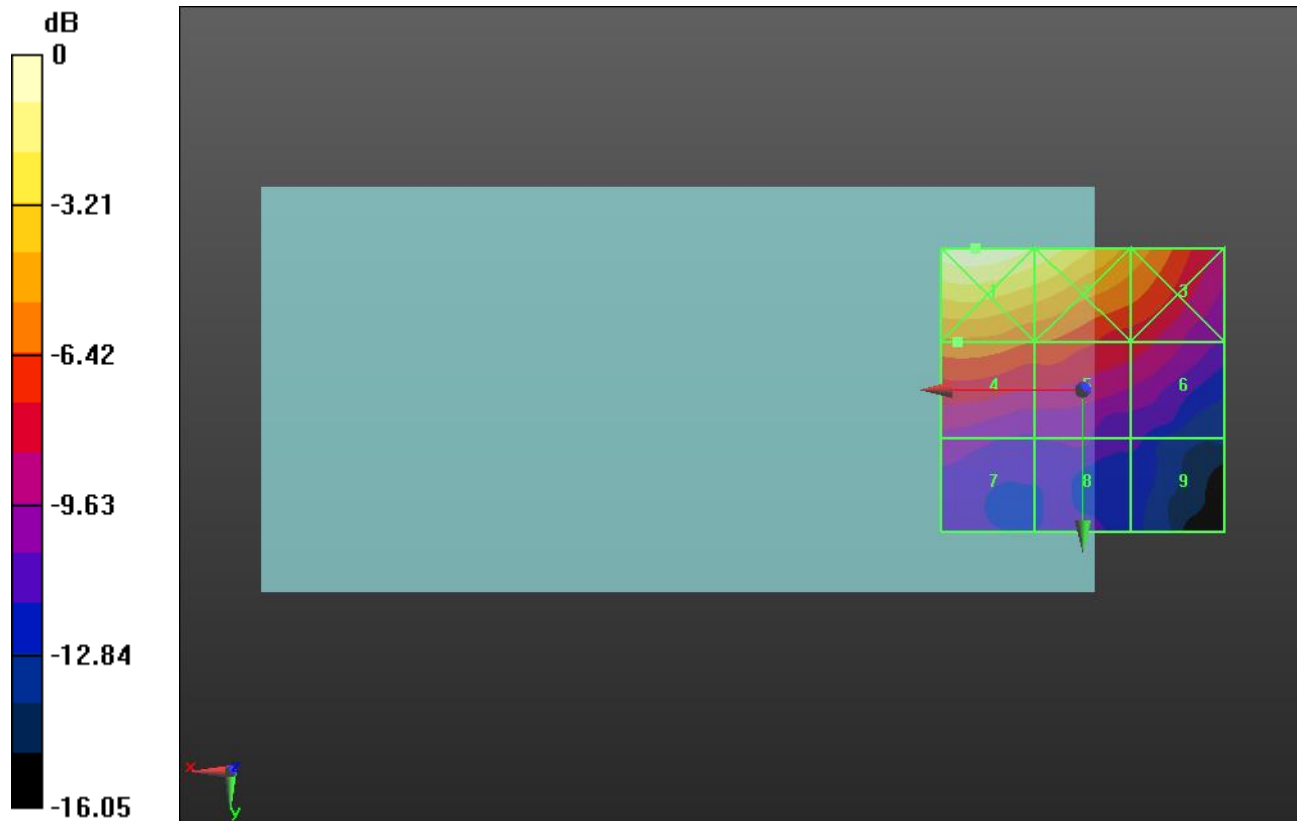
Applied MIF = 3.26 dB

RF audio interference level = 22.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.39 dBV/m	Grid 2 M4 27.27 dBV/m	Grid 3 M4 23.9 dBV/m
Grid 4 M4 22.87 dBV/m	Grid 5 M4 22.02 dBV/m	Grid 6 M4 20.39 dBV/m
Grid 7 M4 18.49 dBV/m	Grid 8 M4 17.95 dBV/m	Grid 9 M4 16.95 dBV/m



0 dB = 26.26 V/m = 28.39 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 = 54.91 V/m; Power Drift = 0.04 dB

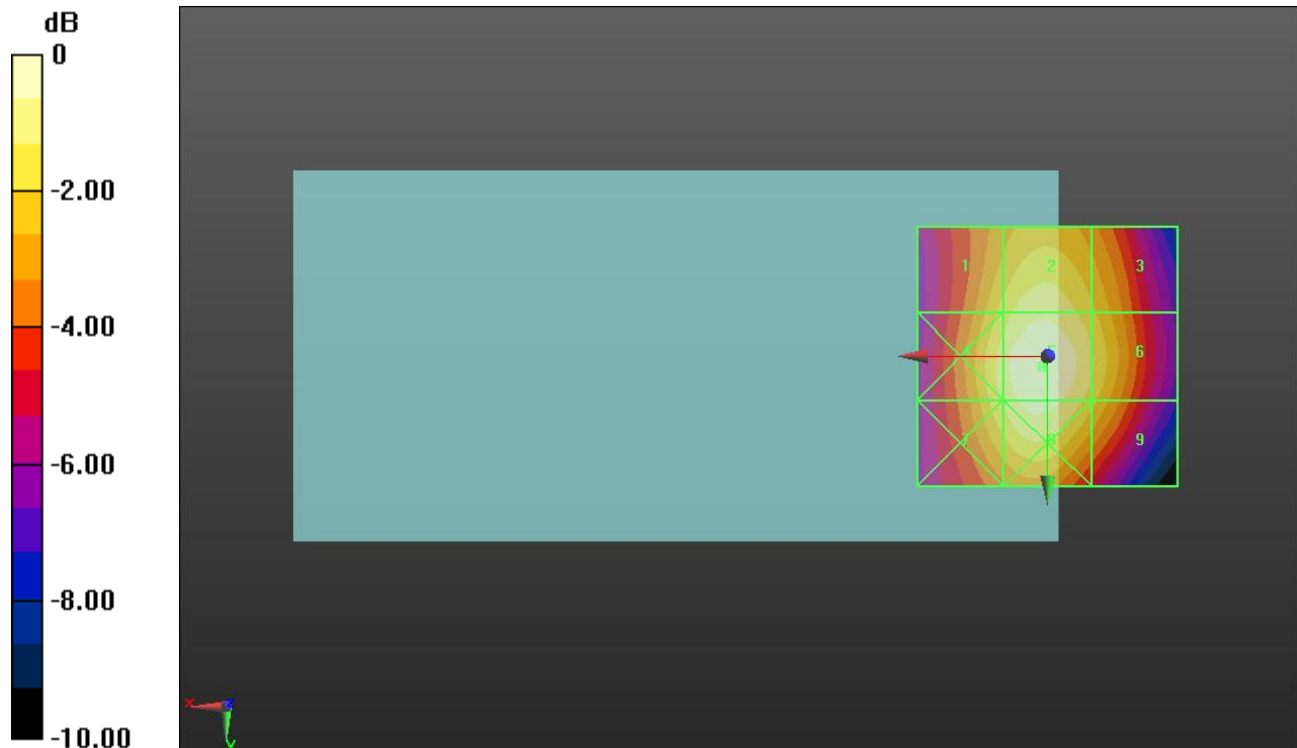
Applied MIF = 3.26 dB

RF audio interference level = 32.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.25 dBV/m	Grid 2 M4 32.14 dBV/m	Grid 3 M4 31.1 dBV/m
Grid 4 M4 32.02 dBV/m	Grid 5 M4 32.95 dBV/m	Grid 6 M4 31.69 dBV/m
Grid 7 M4 31.71 dBV/m	Grid 8 M4 32.57 dBV/m	Grid 9 M4 31.19 dBV/m



0 dB = 44.40 V/m = 32.95 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.49 V/m; Power Drift = -0.01 dB

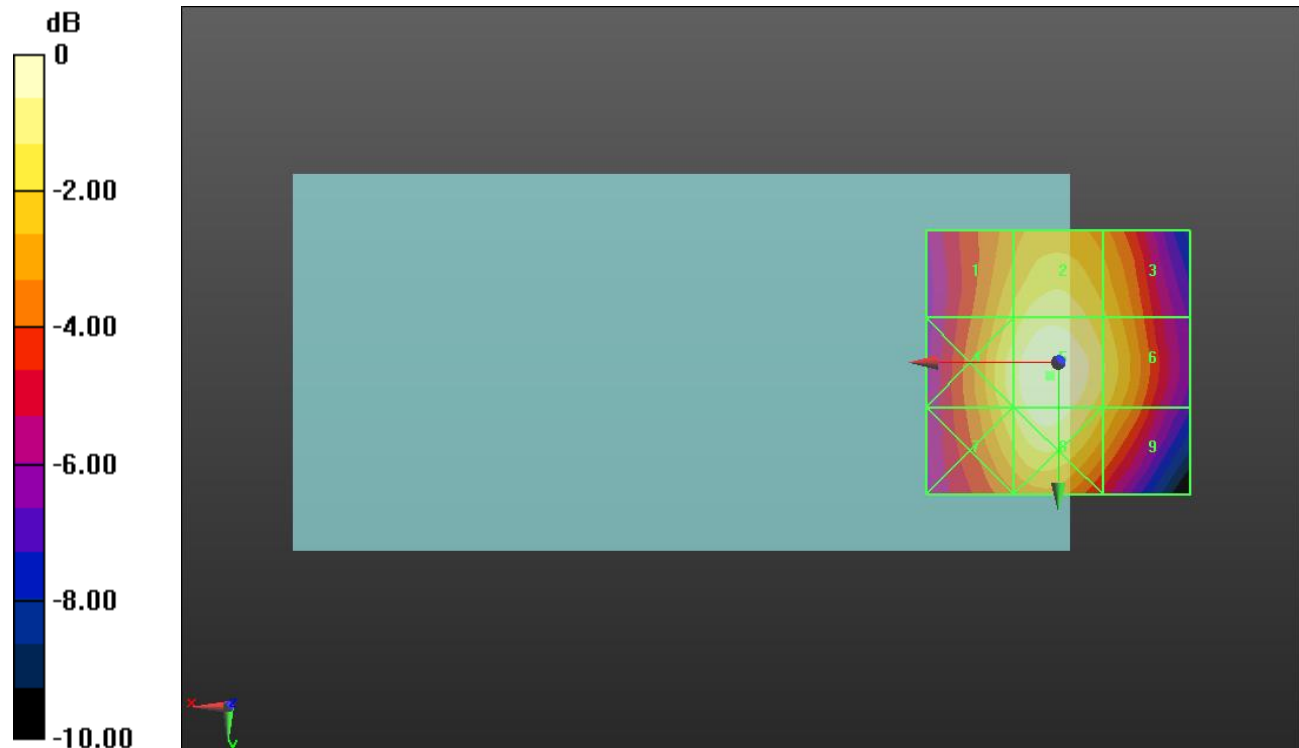
Applied MIF = 3.26 dB

RF audio interference level = 33.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.32 dBV/m	Grid 2 M4 32.23 dBV/m	Grid 3 M4 31.23 dBV/m
Grid 4 M4 32.15 dBV/m	Grid 5 M4 33.05 dBV/m	Grid 6 M4 31.8 dBV/m
Grid 7 M4 31.8 dBV/m	Grid 8 M4 32.75 dBV/m	Grid 9 M4 31.23 dBV/m



0 dB = 44.92 V/m = 33.05 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.84 V/m; Power Drift = -0.02 dB

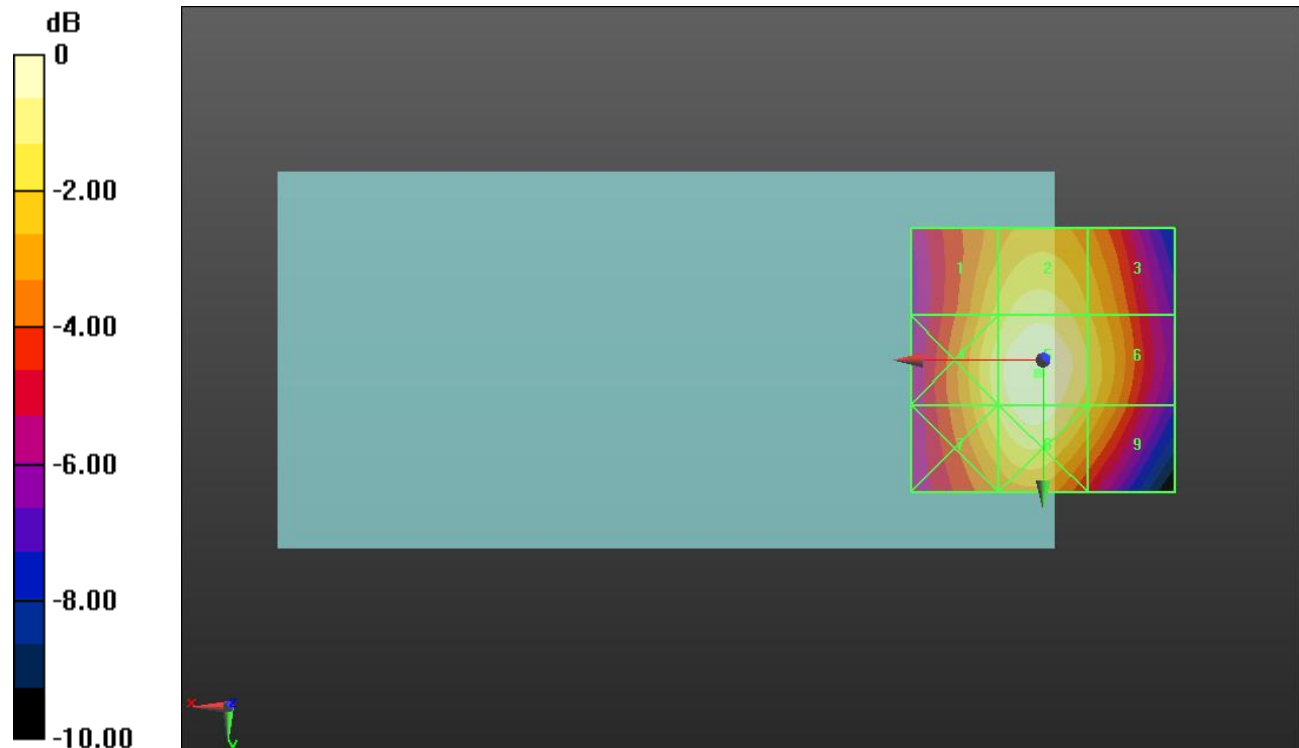
Applied MIF = 3.26 dB

RF audio interference level = 33.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.4 dBV/m	Grid 2 M4 32.25 dBV/m	Grid 3 M4 31.21 dBV/m
Grid 4 M4 32.19 dBV/m	Grid 5 M4 33.11 dBV/m	Grid 6 M4 31.8 dBV/m
Grid 7 M4 31.92 dBV/m	Grid 8 M4 32.84 dBV/m	Grid 9 M4 31.36 dBV/m



0 dB = 45.23 V/m = 33.11 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 = 51.15 V/m; Power Drift = -0.12 dB

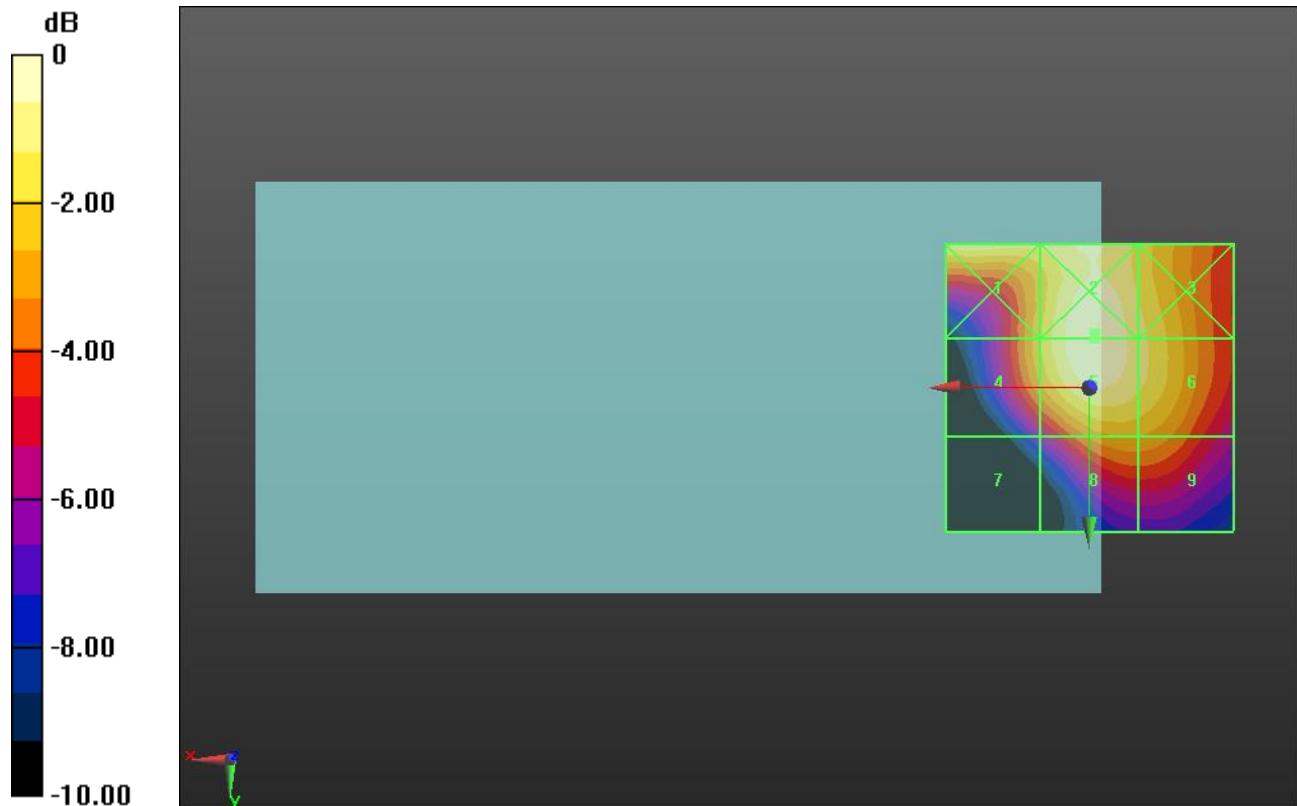
Applied MIF = -1.44 dB

RF audio interference level = 29.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.58 dBV/m	Grid 2 M4 29.07 dBV/m	Grid 3 M4 28.04 dBV/m
Grid 4 M4 27.02 dBV/m	Grid 5 M4 29.07 dBV/m	Grid 6 M4 28.08 dBV/m
Grid 7 M4 22.84 dBV/m	Grid 8 M4 26.45 dBV/m	Grid 9 M4 26.4 dBV/m



0 dB = 28.43 V/m = 29.08 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 = 61.60 V/m; Power Drift = -0.00 dB

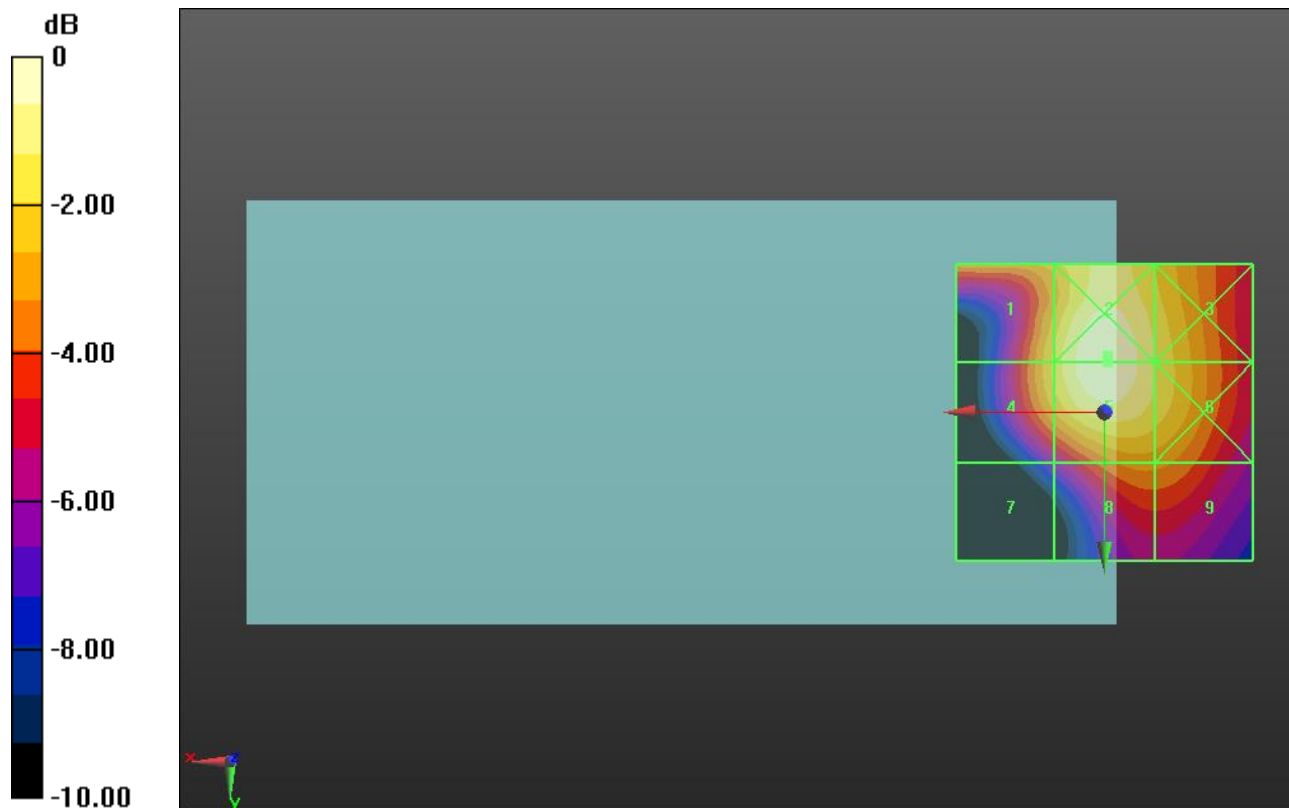
Applied MIF = -1.44 dB

RF audio interference level = 30.68 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.88 dBV/m	Grid 2 M3 30.7 dBV/m	Grid 3 M4 29.4 dBV/m
Grid 4 M4 28.89 dBV/m	Grid 5 M3 30.68 dBV/m	Grid 6 M4 29.42 dBV/m
Grid 7 M4 24.46 dBV/m	Grid 8 M4 27.69 dBV/m	Grid 9 M4 27.62 dBV/m



0 dB = 34.27 V/m = 30.70 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 = 67.83 V/m; Power Drift = 0.01 dB

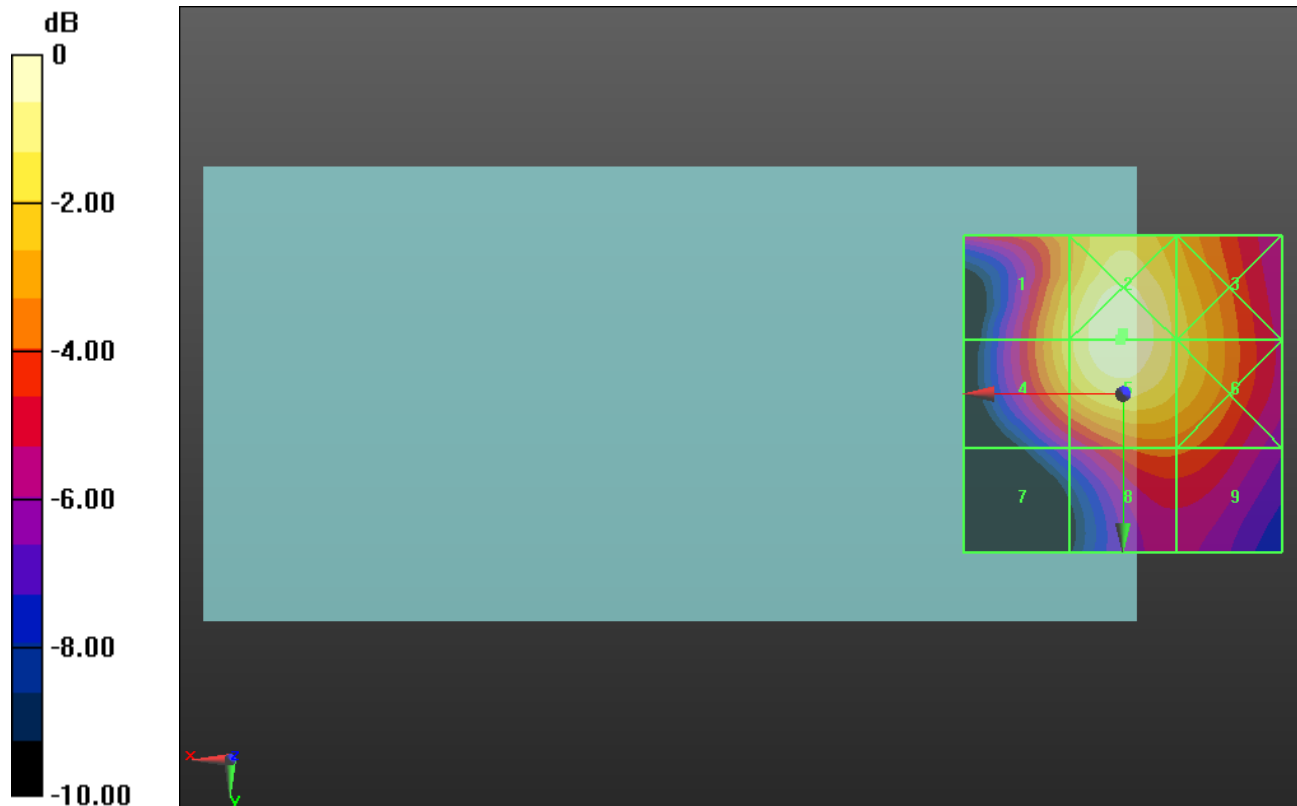
Applied MIF = -1.44 dB

RF audio interference level = 31.71 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.18 dBV/m	Grid 2 M3 31.73 dBV/m	Grid 3 M3 30.19 dBV/m
Grid 4 M3 30.18 dBV/m	Grid 5 M3 31.71 dBV/m	Grid 6 M3 30.2 dBV/m
Grid 7 M4 25.42 dBV/m	Grid 8 M4 28.06 dBV/m	Grid 9 M4 27.97 dBV/m



0 dB = 38.59 V/m = 31.73 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 = 67.82 V/m; Power Drift = 0.00 dB

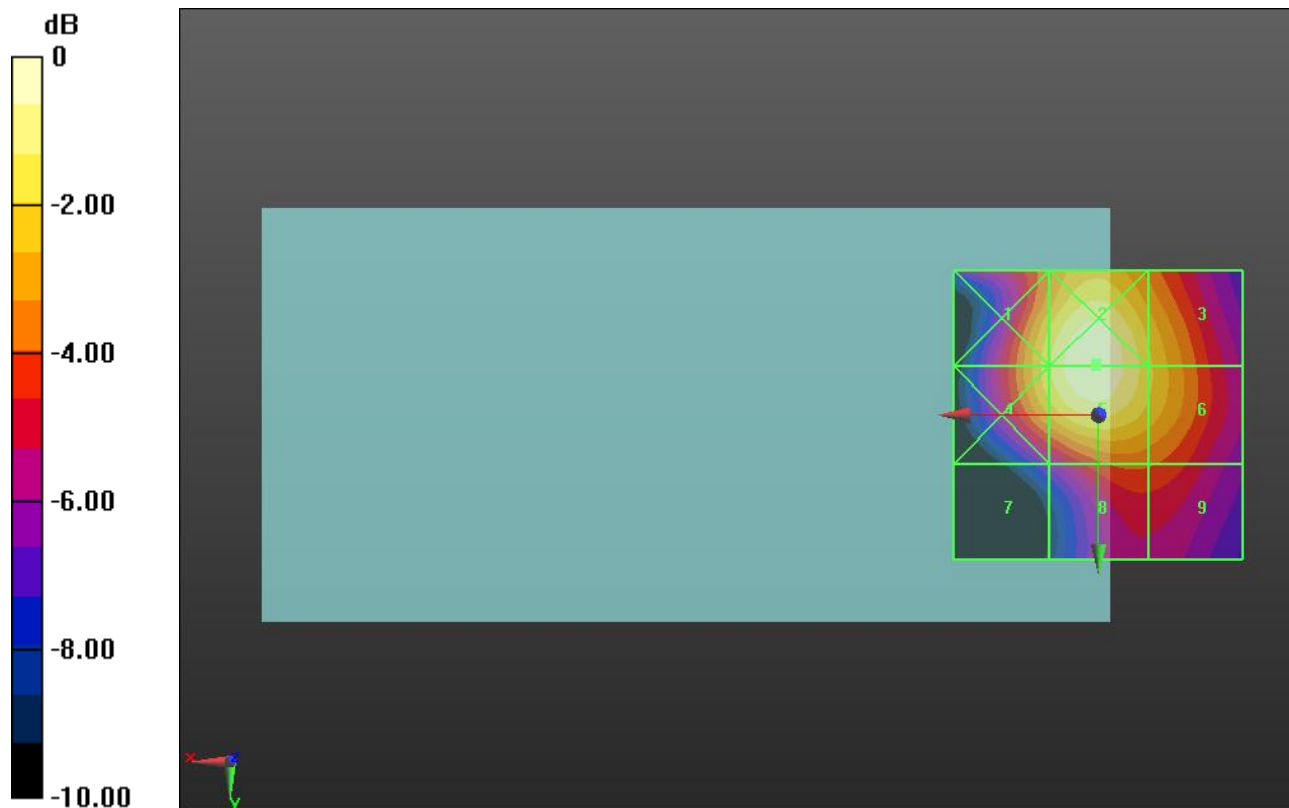
Applied MIF = -1.44 dB

RF audio interference level = 31.63 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.22 dBV/m	Grid 2 M3 31.64 dBV/m	Grid 3 M4 29.86 dBV/m
Grid 4 M3 30.22 dBV/m	Grid 5 M3 31.63 dBV/m	Grid 6 M4 29.89 dBV/m
Grid 7 M4 25.31 dBV/m	Grid 8 M4 27.85 dBV/m	Grid 9 M4 27.76 dBV/m



0 dB = 38.19 V/m = 31.64 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 = 58.15 V/m; Power Drift = -0.03 dB

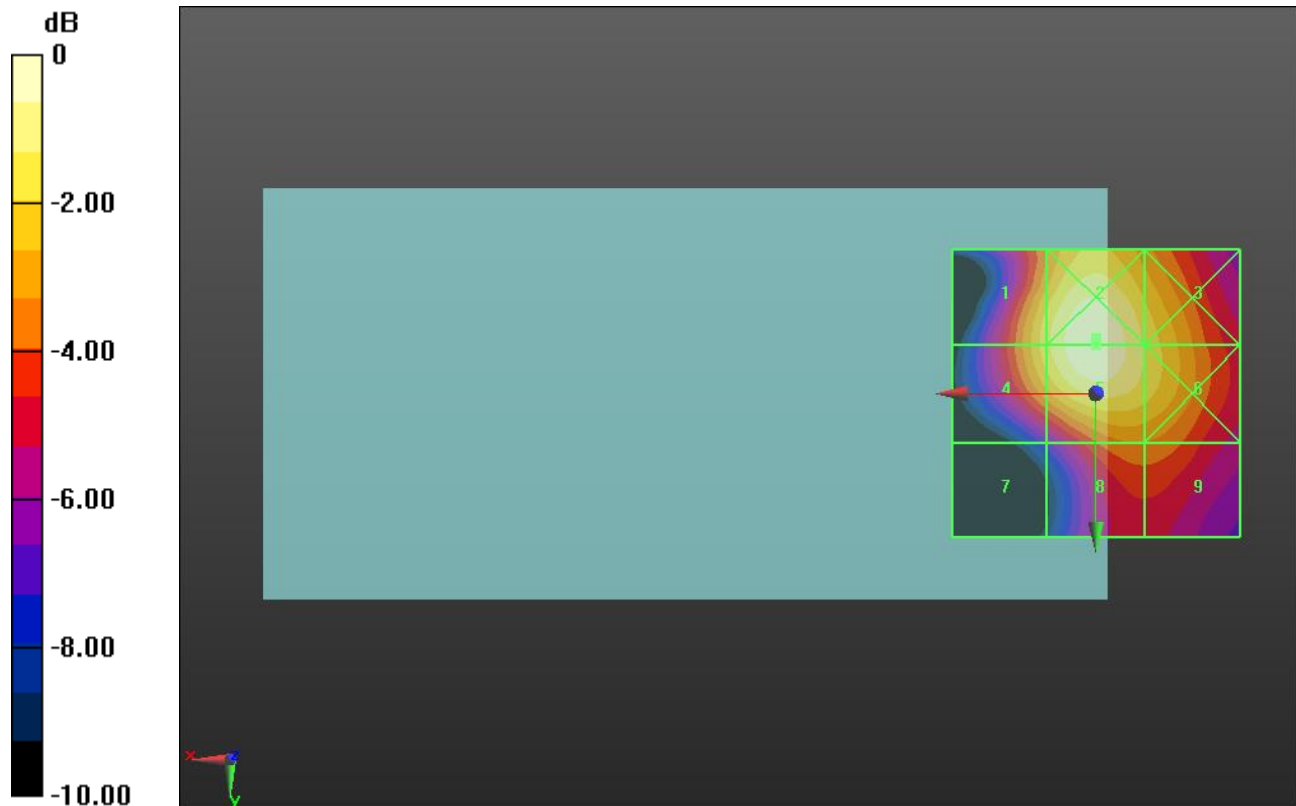
Applied MIF = -1.44 dB

RF audio interference level = 29.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.44 dBV/m	Grid 2 M4 29.95 dBV/m	Grid 3 M4 28.54 dBV/m
Grid 4 M4 28.42 dBV/m	Grid 5 M4 29.94 dBV/m	Grid 6 M4 28.6 dBV/m
Grid 7 M4 23.11 dBV/m	Grid 8 M4 26.65 dBV/m	Grid 9 M4 26.61 dBV/m



0 dB = 31.45 V/m = 29.95 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.13 V/m; Power Drift = -0.07 dB

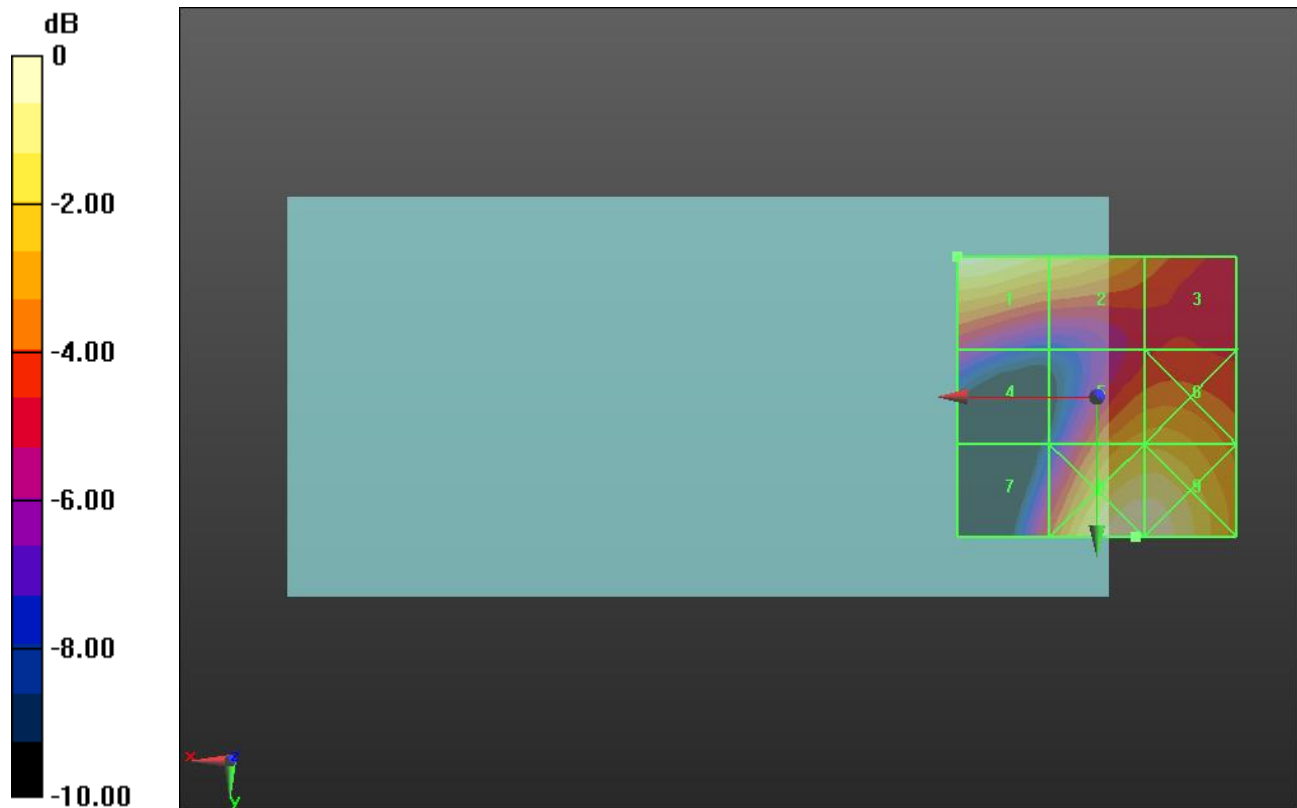
Applied MIF = 3.63 dB

RF audio interference level = 28.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.54 dBV/m	Grid 2 M4 27.36 dBV/m	Grid 3 M4 25.44 dBV/m
Grid 4 M4 23.32 dBV/m	Grid 5 M4 26.63 dBV/m	Grid 6 M4 26.7 dBV/m
Grid 7 M4 24.64 dBV/m	Grid 8 M4 28.84 dBV/m	Grid 9 M4 28.8 dBV/m



0 dB = 27.65 V/m = 28.83 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.62 V/m; Power Drift = 0.05 dB

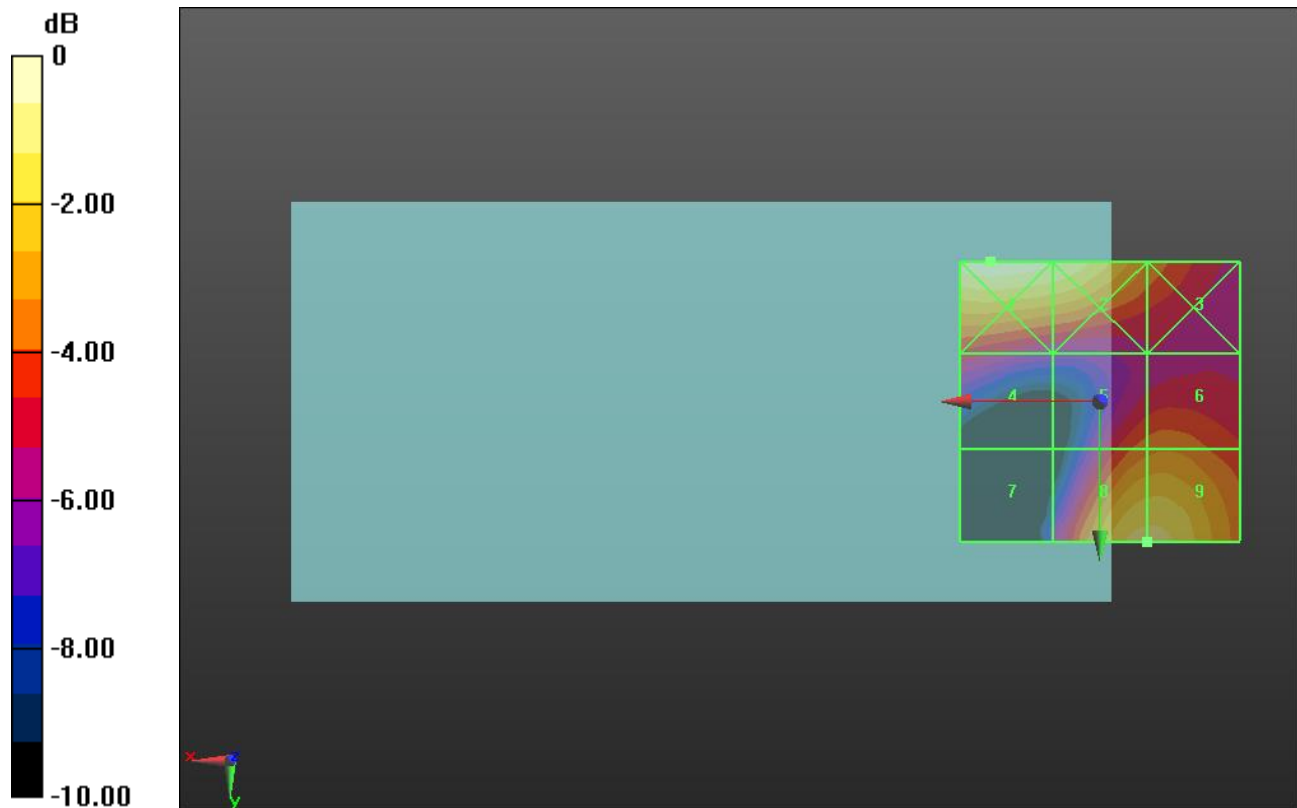
Applied MIF = 3.63 dB

RF audio interference level = 28.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.42 dBV/m	Grid 2 M4 28.92 dBV/m	Grid 3 M4 26.1 dBV/m
Grid 4 M4 24.56 dBV/m	Grid 5 M4 25.86 dBV/m	Grid 6 M4 26.04 dBV/m
Grid 7 M4 22.86 dBV/m	Grid 8 M4 28.38 dBV/m	Grid 9 M4 28.38 dBV/m



0 dB = 29.59 V/m = 29.42 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.58 V/m; Power Drift = 0.02 dB

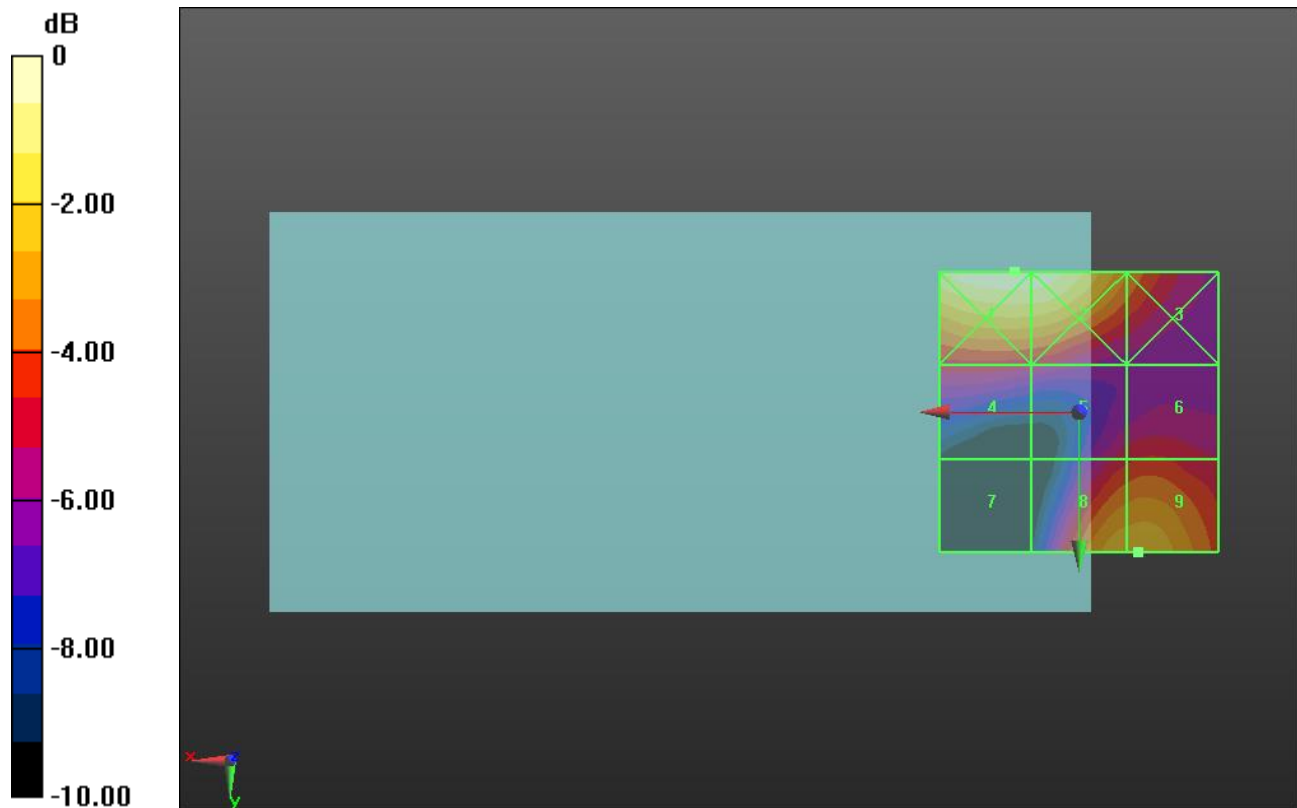
Applied MIF = 3.63 dB

RF audio interference level = 27.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.72 dBV/m	Grid 2 M4 29.63 dBV/m	Grid 3 M4 26.46 dBV/m
Grid 4 M4 24.89 dBV/m	Grid 5 M4 24.9 dBV/m	Grid 6 M4 25.21 dBV/m
Grid 7 M4 20.57 dBV/m	Grid 8 M4 27.67 dBV/m	Grid 9 M4 27.71 dBV/m



0 dB = 30.63 V/m = 29.72 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 = 18.51 V/m; Power Drift = -0.07 dB

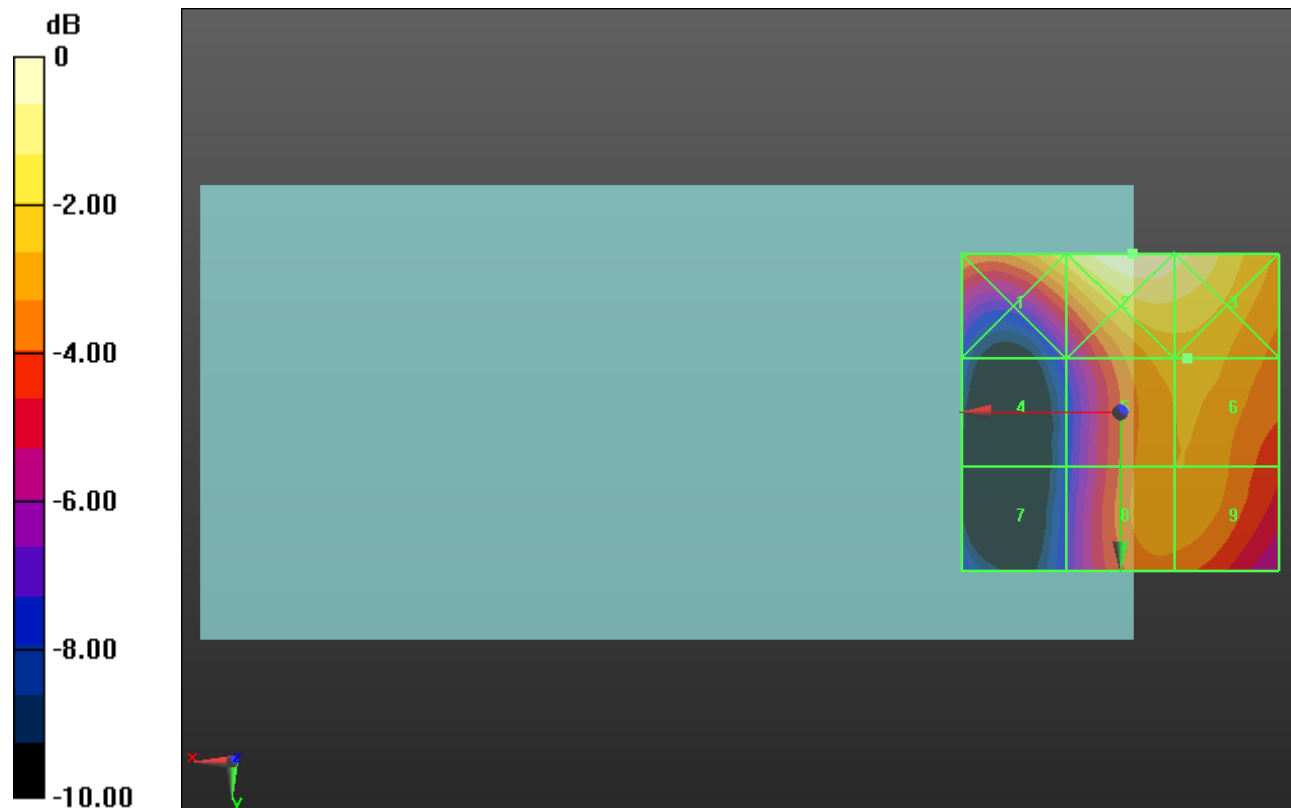
Applied MIF = -1.44 dB

RF audio interference level = 23.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.06 dBV/m	Grid 2 M4 25.44 dBV/m	Grid 3 M4 25.04 dBV/m
Grid 4 M4 18.64 dBV/m	Grid 5 M4 23.07 dBV/m	Grid 6 M4 23.11 dBV/m
Grid 7 M4 18.44 dBV/m	Grid 8 M4 22.78 dBV/m	Grid 9 M4 22.78 dBV/m



0 dB = 18.70 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: 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 = 17.30 V/m; Power Drift = -0.04 dB

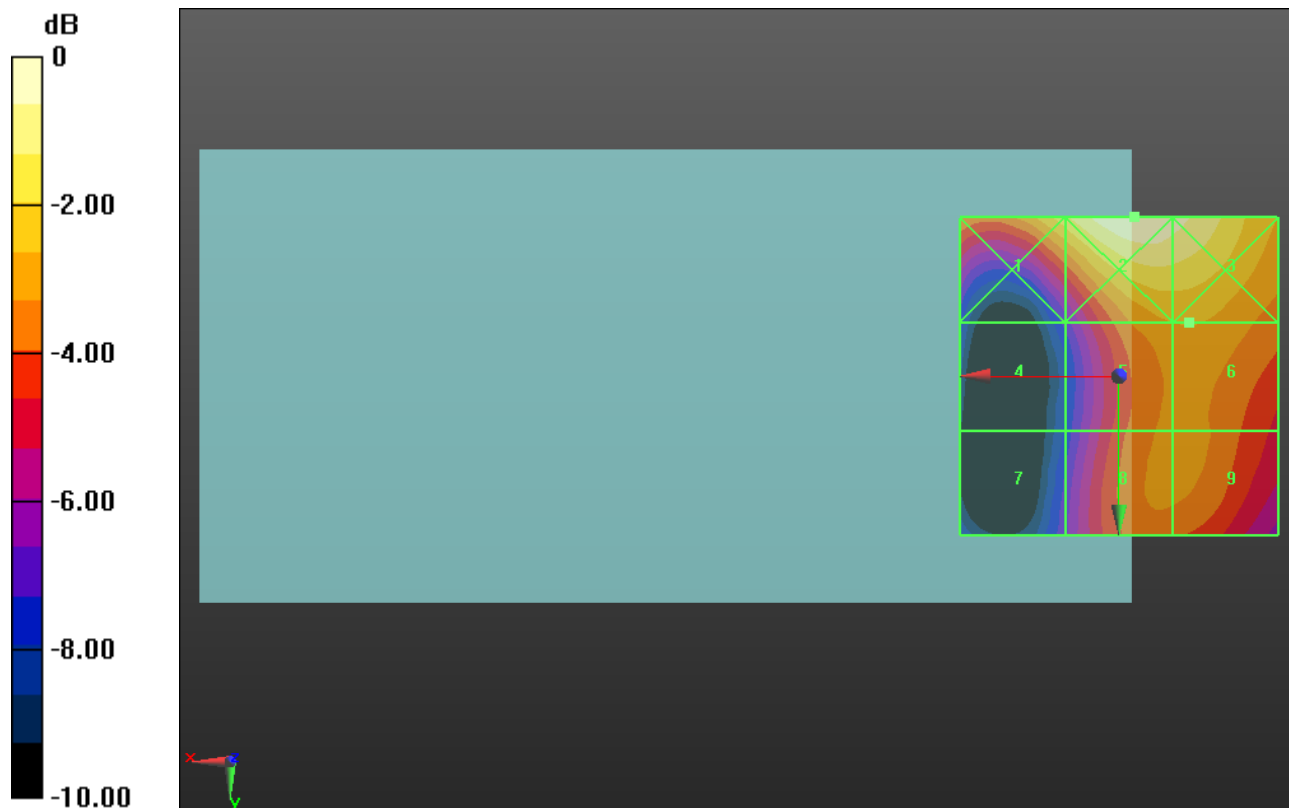
Applied MIF = -1.44 dB

RF audio interference level = 23.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.28 dBV/m	Grid 2 M4 25.79 dBV/m	Grid 3 M4 25.42 dBV/m
Grid 4 M4 18.77 dBV/m	Grid 5 M4 23.14 dBV/m	Grid 6 M4 23.19 dBV/m
Grid 7 M4 19 dBV/m	Grid 8 M4 22.66 dBV/m	Grid 9 M4 22.66 dBV/m



0 dB = 19.48 V/m = 25.79 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.77 V/m; Power Drift = -0.10 dB

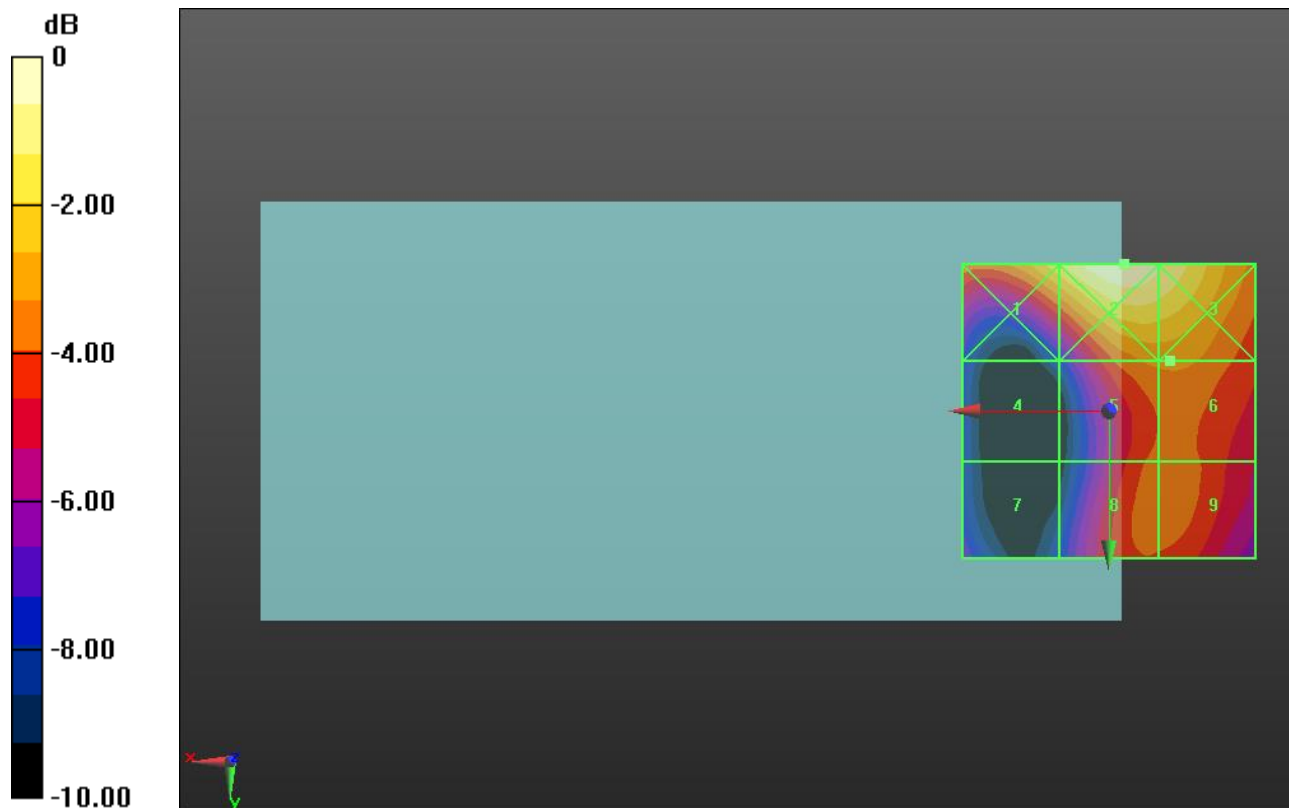
Applied MIF = -1.44 dB

RF audio interference level = 23.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 26.17 dBV/m	Grid 3 M4 25.64 dBV/m
Grid 4 M4 18.91 dBV/m	Grid 5 M4 23.01 dBV/m	Grid 6 M4 23.03 dBV/m
Grid 7 M4 19.72 dBV/m	Grid 8 M4 22.56 dBV/m	Grid 9 M4 22.57 dBV/m



0 dB = 20.35 V/m = 26.17 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 = 16.94 V/m; Power Drift = -0.02 dB

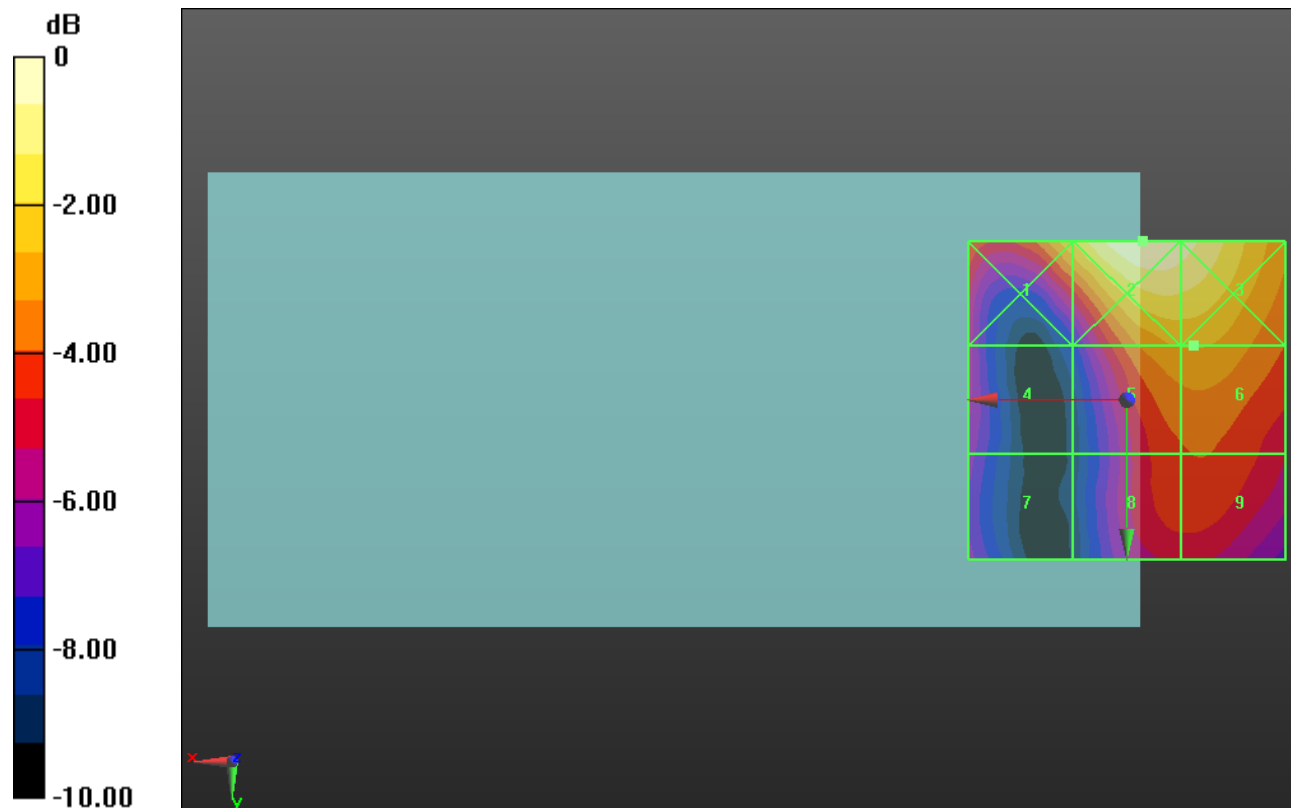
Applied MIF = -1.44 dB

RF audio interference level = 23.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.5 dBV/m	Grid 2 M4 26.42 dBV/m	Grid 3 M4 26.08 dBV/m
Grid 4 M4 20.97 dBV/m	Grid 5 M4 23.79 dBV/m	Grid 6 M4 23.82 dBV/m
Grid 7 M4 20.2 dBV/m	Grid 8 M4 22.36 dBV/m	Grid 9 M4 22.46 dBV/m



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

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 15.21 V/m; Power Drift = -0.06 dB

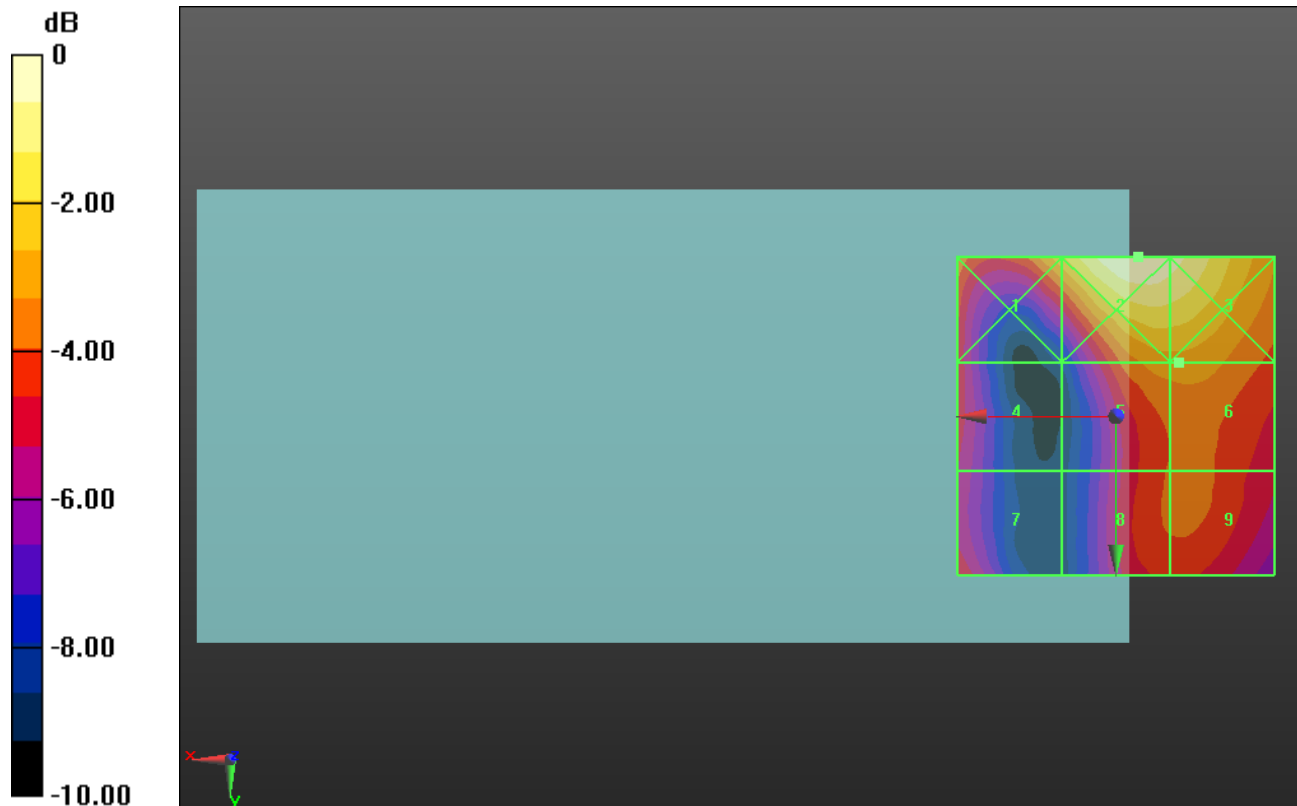
Applied MIF = -1.44 dB

RF audio interference level = 22.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.73 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.47 dBV/m
Grid 4 M4 21.17 dBV/m	Grid 5 M4 22.91 dBV/m	Grid 6 M4 22.93 dBV/m
Grid 7 M4 21.24 dBV/m	Grid 8 M4 21.95 dBV/m	Grid 9 M4 22.04 dBV/m



0 dB = 19.57 V/m = 25.83 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 = 16.92 V/m; Power Drift = -0.00 dB

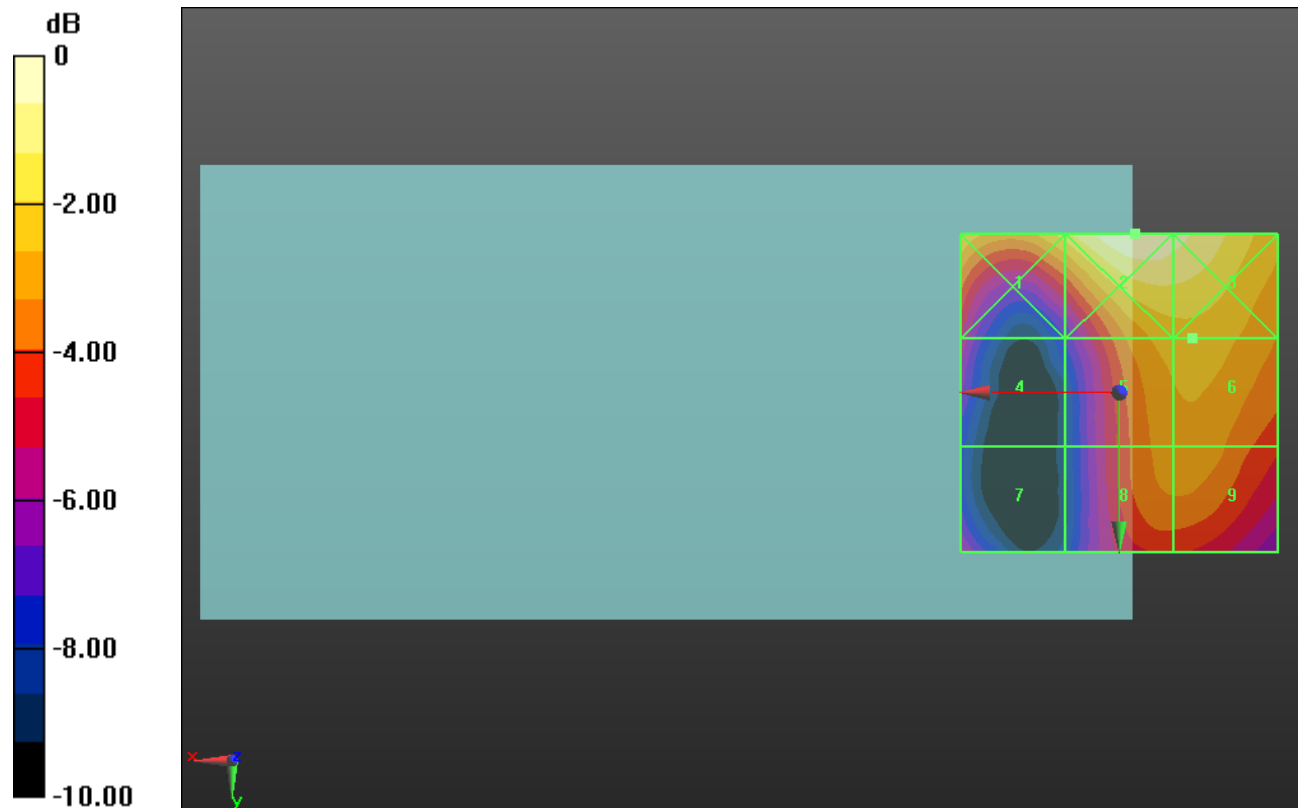
Applied MIF = -1.44 dB

RF audio interference level = 22.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.37 dBV/m	Grid 2 M4 24.97 dBV/m	Grid 3 M4 24.59 dBV/m
Grid 4 M4 19.73 dBV/m	Grid 5 M4 22.65 dBV/m	Grid 6 M4 22.72 dBV/m
Grid 7 M4 19.37 dBV/m	Grid 8 M4 22.03 dBV/m	Grid 9 M4 22.09 dBV/m



0 dB = 17.72 V/m = 24.97 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 = 16.93 V/m; Power Drift = -0.10 dB

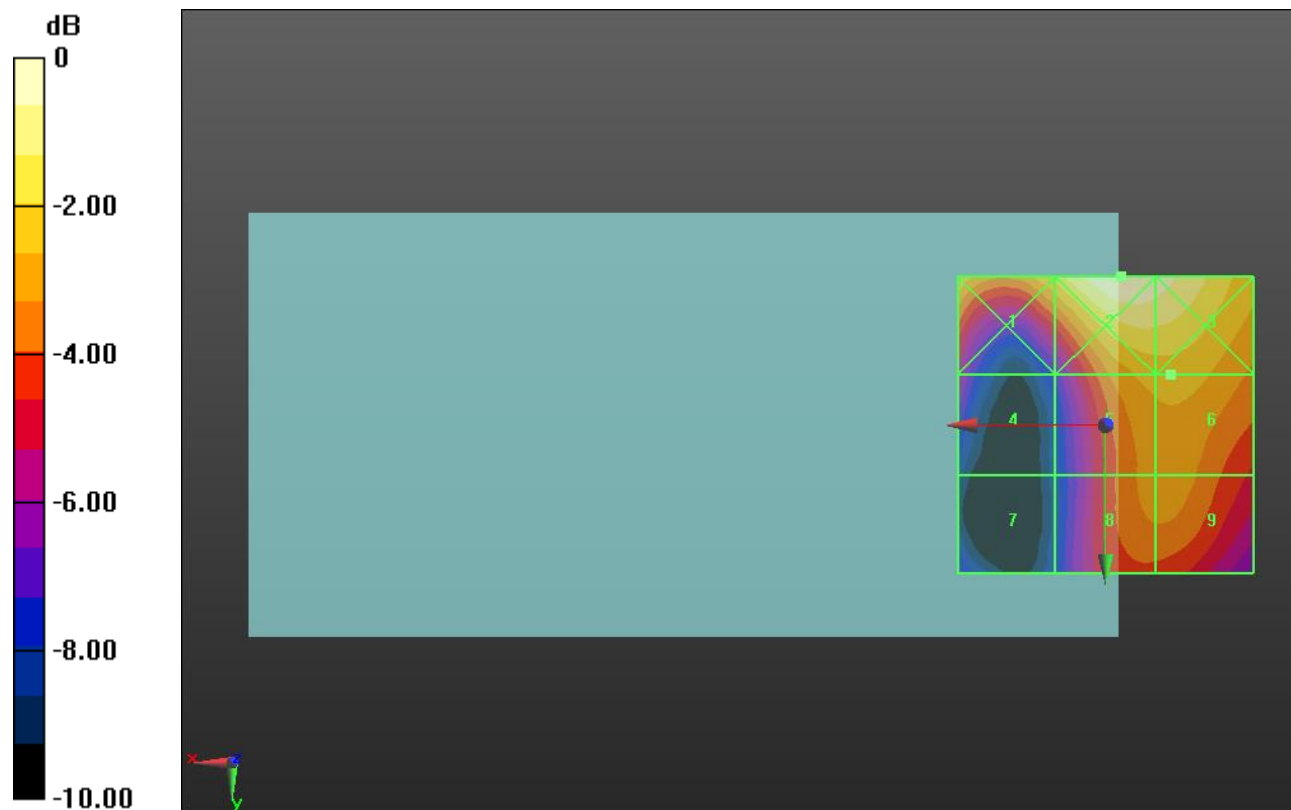
Applied MIF = -1.44 dB

RF audio interference level = 23.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.59 dBV/m	Grid 2 M4 25.37 dBV/m	Grid 3 M4 25.05 dBV/m
Grid 4 M4 19.85 dBV/m	Grid 5 M4 23 dBV/m	Grid 6 M4 23.06 dBV/m
Grid 7 M4 18.57 dBV/m	Grid 8 M4 22.3 dBV/m	Grid 9 M4 22.34 dBV/m



0 dB = 18.55 V/m = 25.37 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 = 14.79 V/m; Power Drift = 0.00 dB

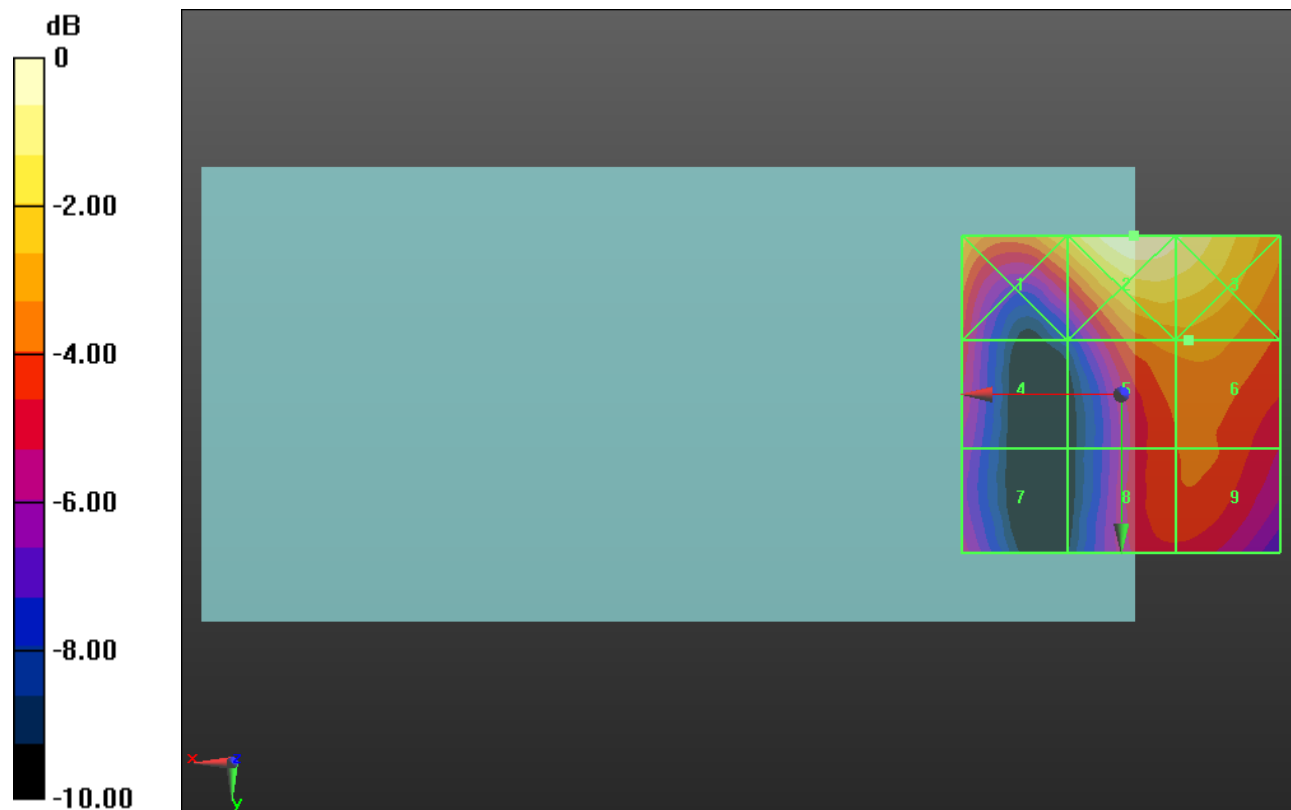
Applied MIF = -1.44 dB

RF audio interference level = 22.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.65 dBV/m	Grid 2 M4 25.45 dBV/m	Grid 3 M4 24.96 dBV/m
Grid 4 M4 20.78 dBV/m	Grid 5 M4 22.45 dBV/m	Grid 6 M4 22.5 dBV/m
Grid 7 M4 19.93 dBV/m	Grid 8 M4 21.43 dBV/m	Grid 9 M4 21.58 dBV/m



0 dB = 18.72 V/m = 25.45 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 = 16.99 V/m; Power Drift = -0.04 dB

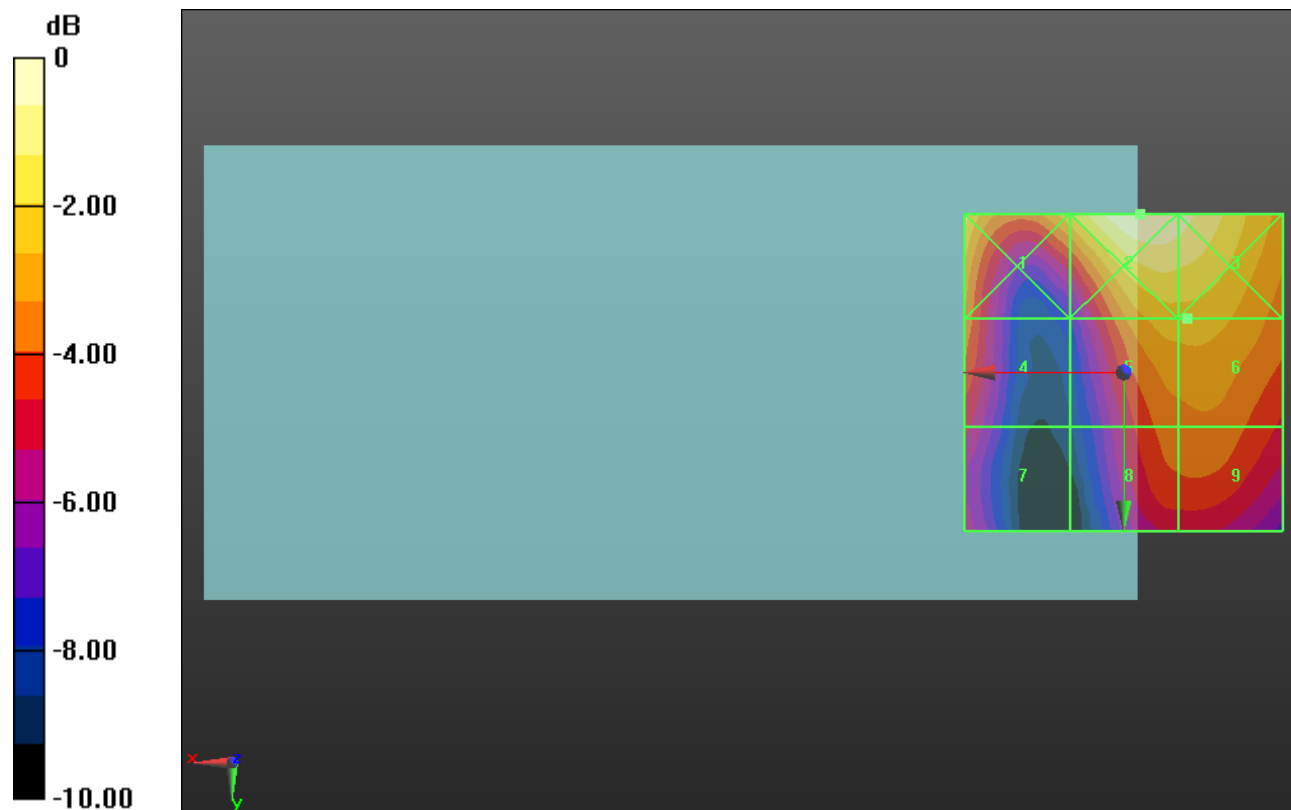
Applied MIF = -1.44 dB

RF audio interference level = 23.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.3 dBV/m	Grid 2 M4 25.89 dBV/m	Grid 3 M4 25.56 dBV/m
Grid 4 M4 22.48 dBV/m	Grid 5 M4 23.62 dBV/m	Grid 6 M4 23.62 dBV/m
Grid 7 M4 20.8 dBV/m	Grid 8 M4 22.32 dBV/m	Grid 9 M4 22.45 dBV/m



0 dB = 19.71 V/m = 25.89 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 15.26 V/m; Power Drift = 0.02 dB

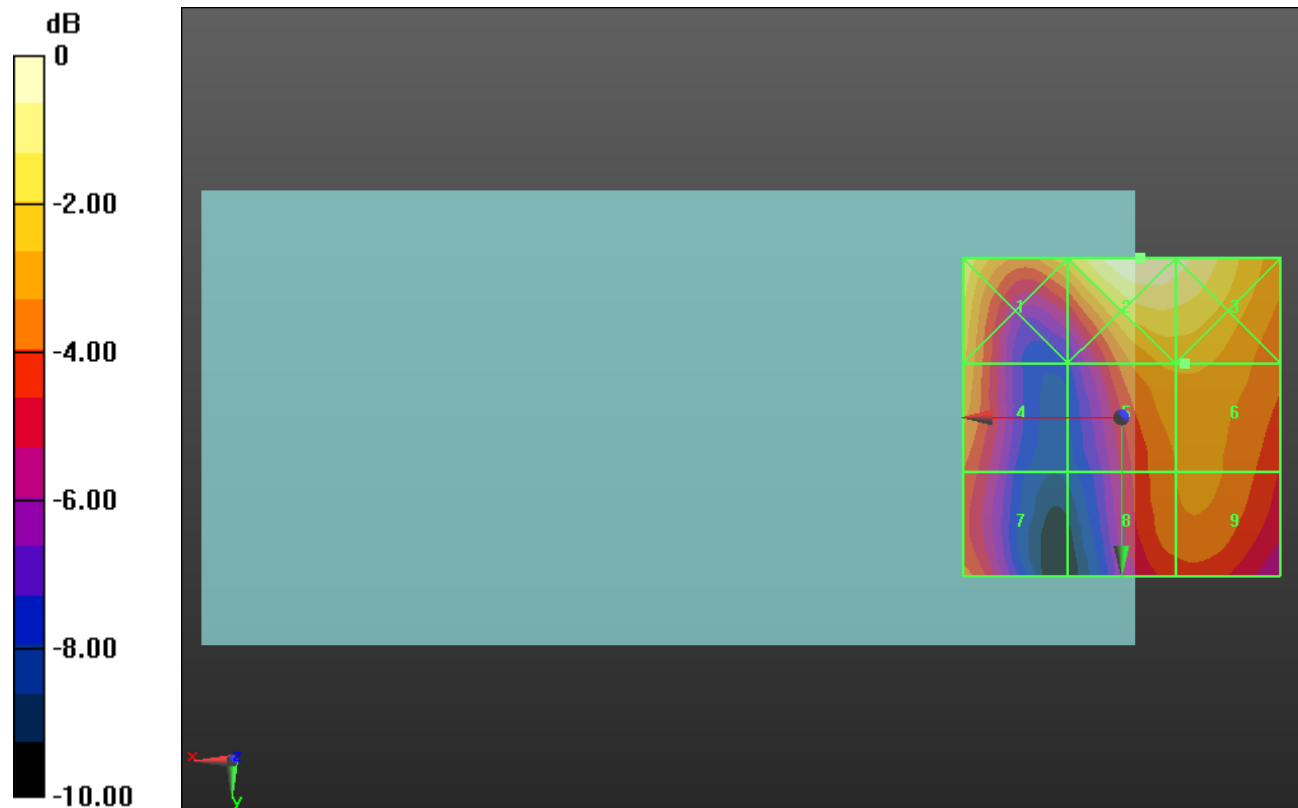
Applied MIF = -1.44 dB

RF audio interference level = 22.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.06 dBV/m	Grid 2 M4 25.14 dBV/m	Grid 3 M4 24.78 dBV/m
Grid 4 M4 22.63 dBV/m	Grid 5 M4 22.63 dBV/m	Grid 6 M4 22.65 dBV/m
Grid 7 M4 21.5 dBV/m	Grid 8 M4 21.83 dBV/m	Grid 9 M4 22.01 dBV/m



0 dB = 18.07 V/m = 25.14 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.58 V/m; Power Drift = -0.06 dB

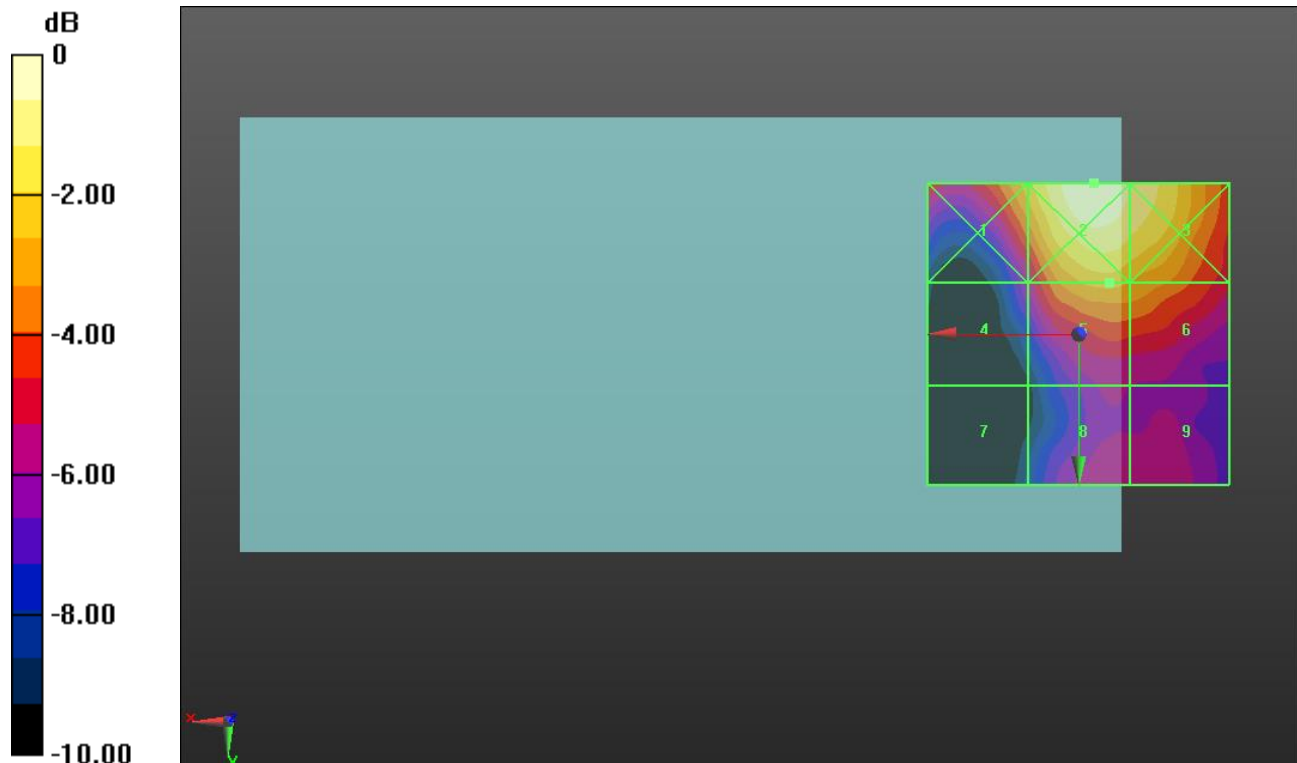
Applied MIF = -2.02 dB

RF audio interference level = 19.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.9 dBV/m	Grid 2 M4 22.16 dBV/m	Grid 3 M4 21.42 dBV/m
Grid 4 M4 16.23 dBV/m	Grid 5 M4 19.76 dBV/m	Grid 6 M4 19.45 dBV/m
Grid 7 M4 13.8 dBV/m	Grid 8 M4 16.73 dBV/m	Grid 9 M4 16.75 dBV/m



0 dB = 12.83 V/m = 22.16 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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.27 V/m; Power Drift = 0.02 dB

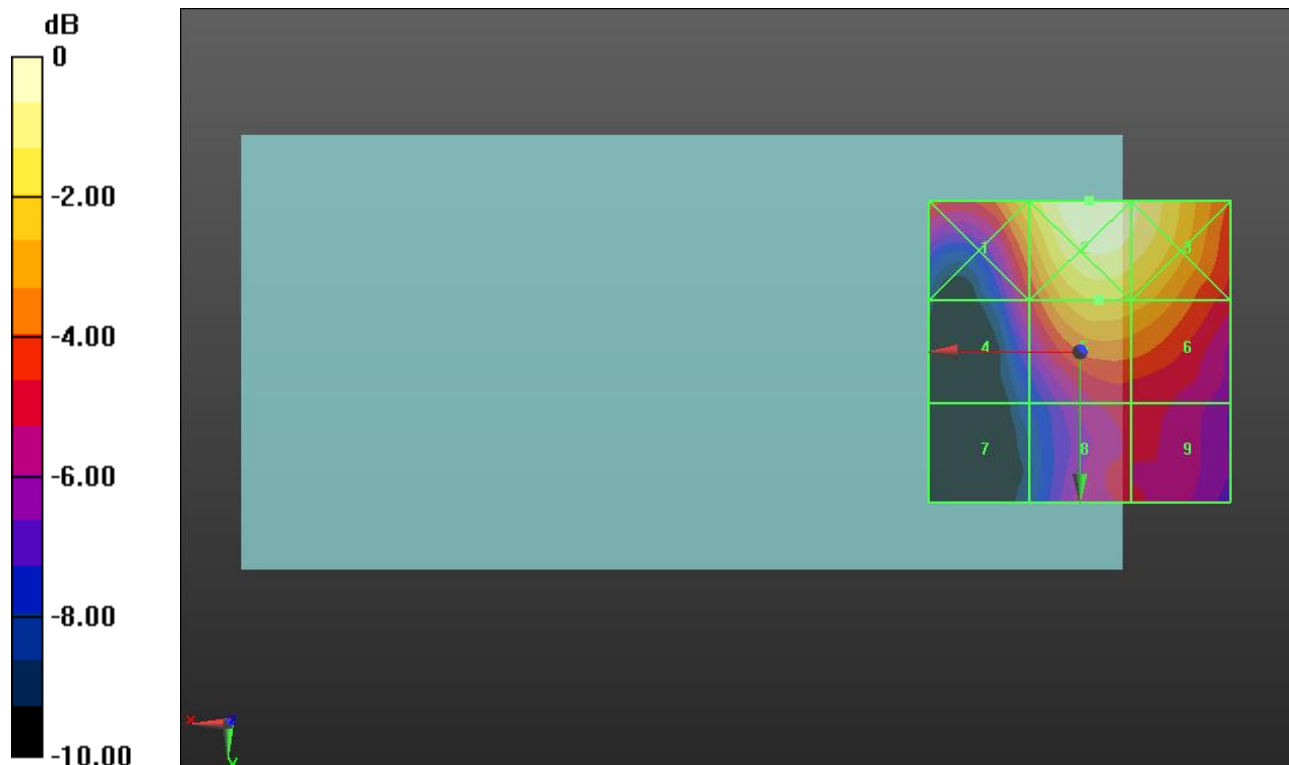
Applied MIF = -2.02 dB

RF audio interference level = 21.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.83 dBV/m	Grid 2 M4 23.74 dBV/m	Grid 3 M4 23.25 dBV/m
Grid 4 M4 18.85 dBV/m	Grid 5 M4 21.76 dBV/m	Grid 6 M4 21.51 dBV/m
Grid 7 M4 15.72 dBV/m	Grid 8 M4 18.72 dBV/m	Grid 9 M4 18.72 dBV/m



0 dB = 15.38 V/m = 23.74 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.43 V/m; Power Drift = 0.00 dB

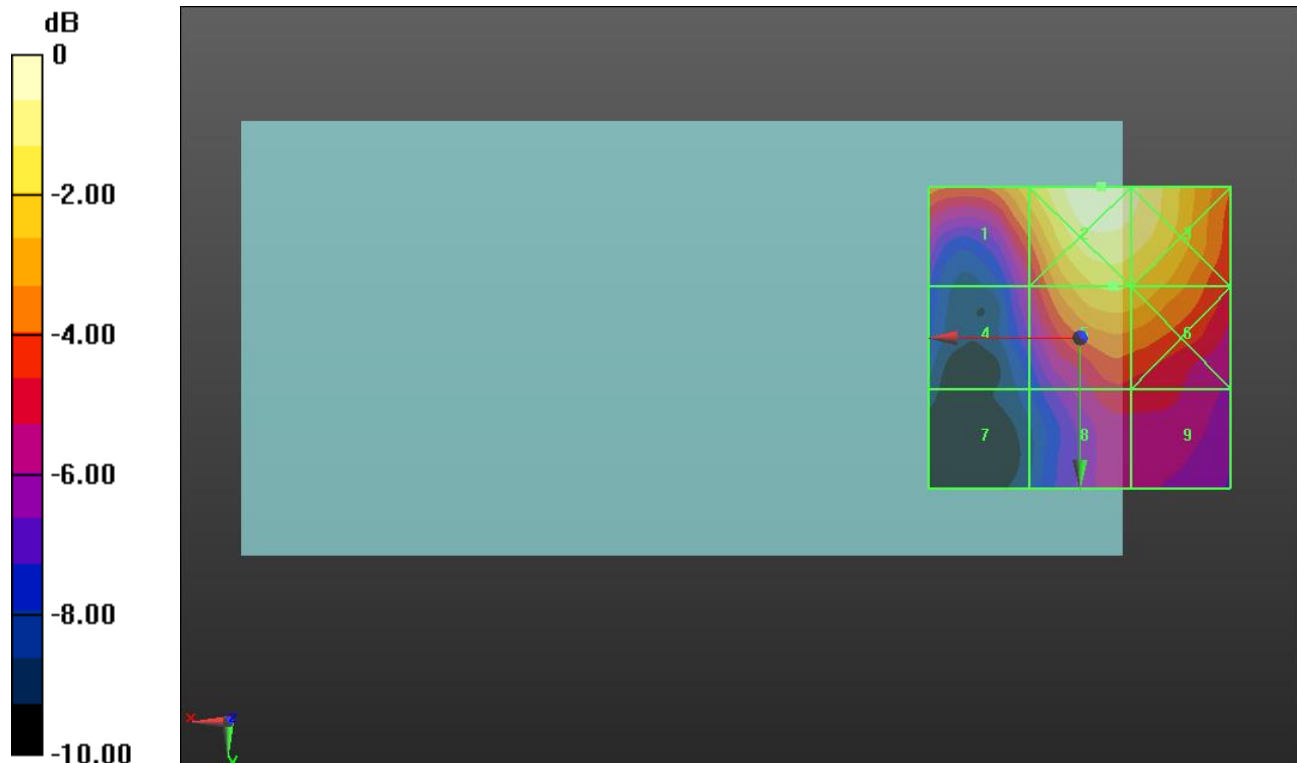
Applied MIF = -2.02 dB

RF audio interference level = 21.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.55 dBV/m	Grid 2 M4 23.67 dBV/m	Grid 3 M4 23.21 dBV/m
Grid 4 M4 18.11 dBV/m	Grid 5 M4 21.8 dBV/m	Grid 6 M4 21.62 dBV/m
Grid 7 M4 15.61 dBV/m	Grid 8 M4 18.91 dBV/m	Grid 9 M4 18.8 dBV/m



0 dB = 15.26 V/m = 23.67 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.76 V/m; Power Drift = 0.14 dB

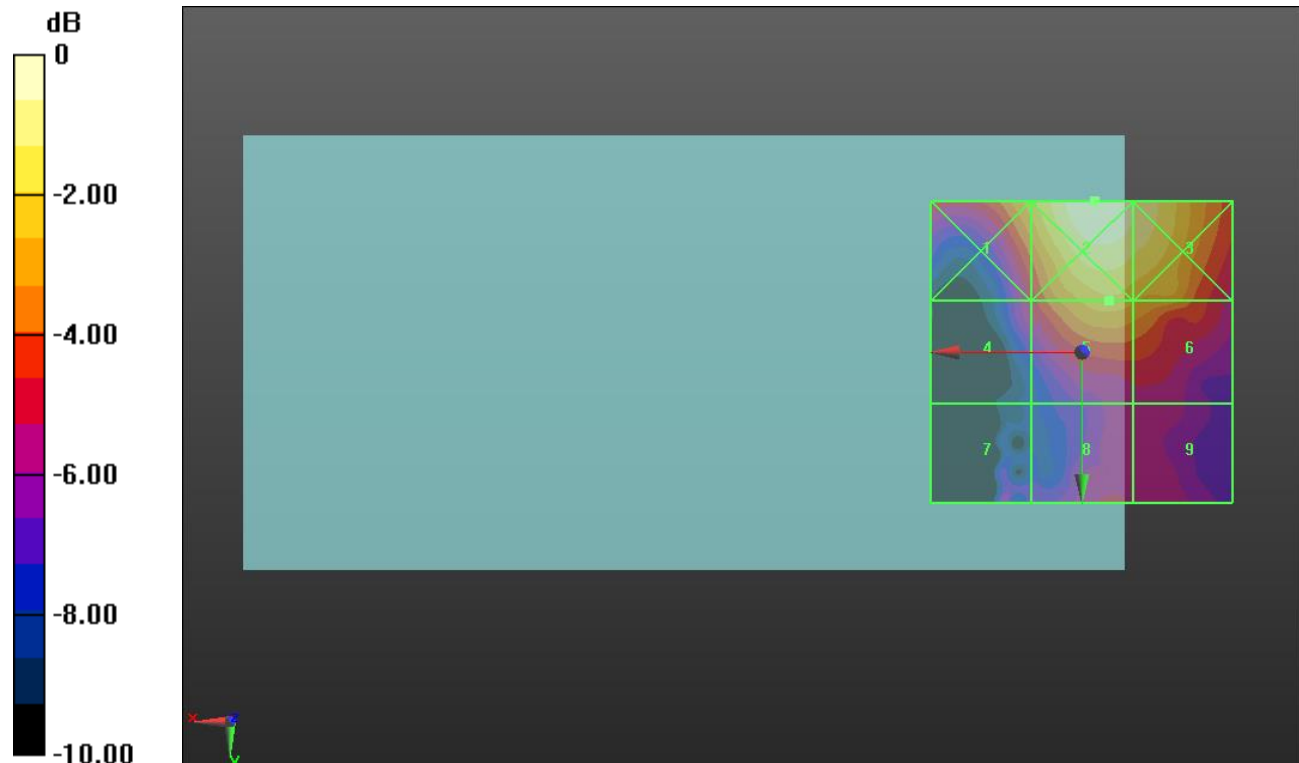
Applied MIF = 0.12 dB

RF audio interference level = 21.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.66 dBV/m	Grid 2 M4 23.91 dBV/m	Grid 3 M4 23.29 dBV/m
Grid 4 M4 18.76 dBV/m	Grid 5 M4 21.7 dBV/m	Grid 6 M4 21.32 dBV/m
Grid 7 M4 18.13 dBV/m	Grid 8 M4 18.87 dBV/m	Grid 9 M4 18.4 dBV/m



0 dB = 15.68 V/m = 23.91 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.09 V/m; Power Drift = -0.04 dB

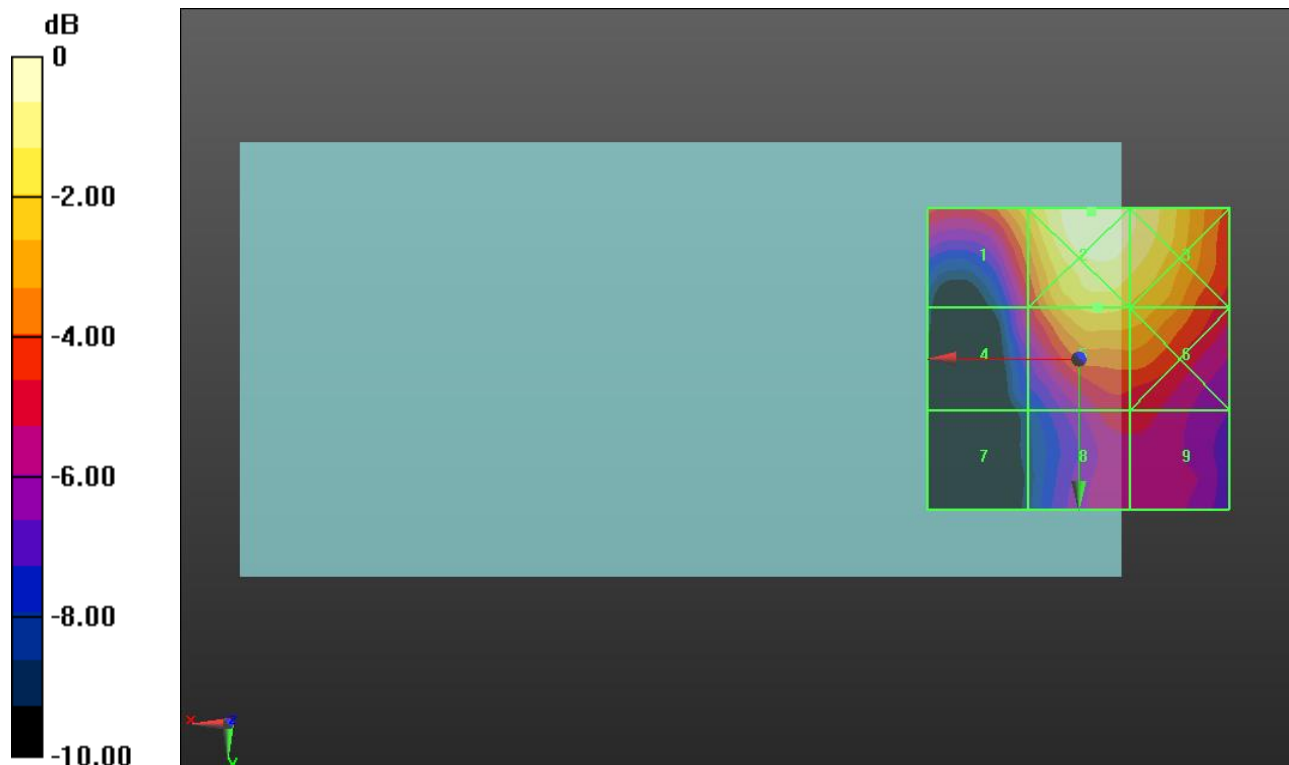
Applied MIF = 0.12 dB

RF audio interference level = 22.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.61 dBV/m	Grid 2 M4 24.74 dBV/m	Grid 3 M4 24.22 dBV/m
Grid 4 M4 19.57 dBV/m	Grid 5 M4 22.94 dBV/m	Grid 6 M4 22.62 dBV/m
Grid 7 M4 16.23 dBV/m	Grid 8 M4 19.81 dBV/m	Grid 9 M4 19.77 dBV/m



0 dB = 17.25 V/m = 24.74 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.15 V/m; Power Drift = -0.13 dB

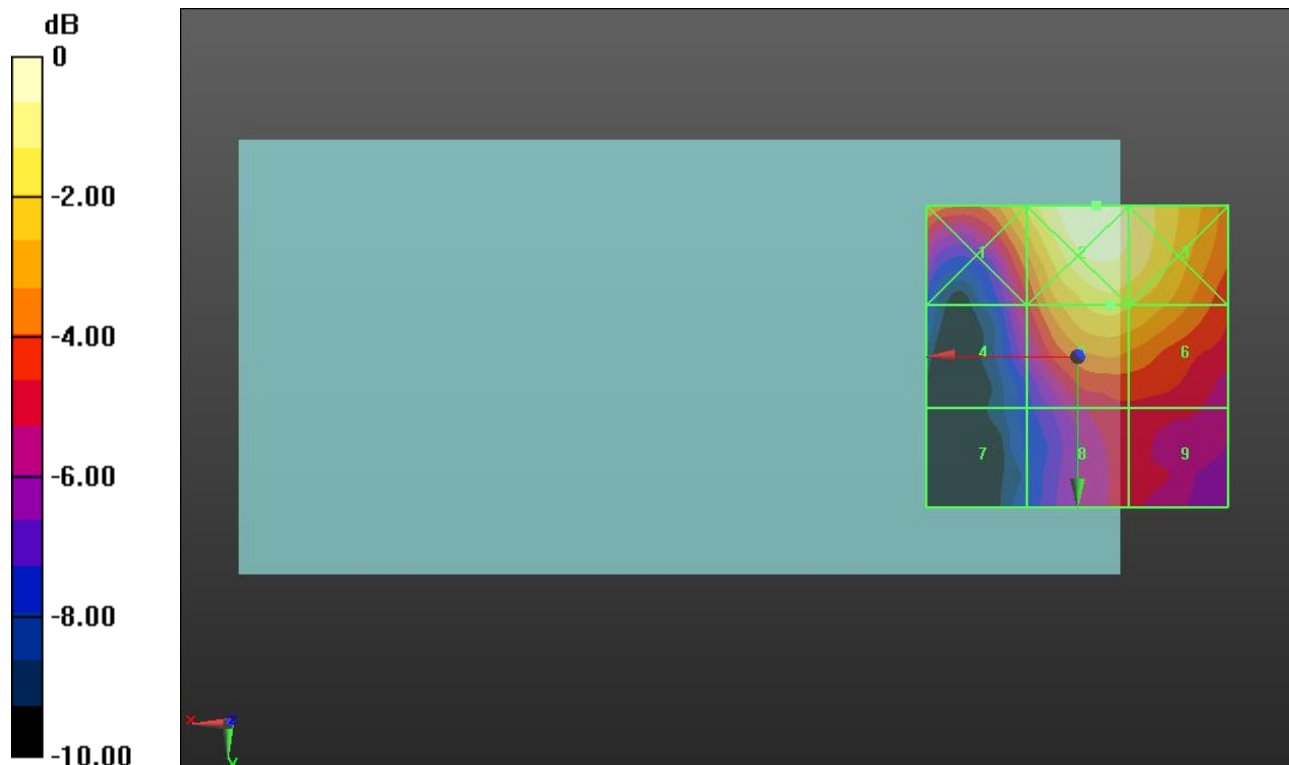
Applied MIF = 0.12 dB

RF audio interference level = 22.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.73 dBV/m	Grid 2 M4 24.57 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 19.62 dBV/m	Grid 5 M4 22.88 dBV/m	Grid 6 M4 22.65 dBV/m
Grid 7 M4 17 dBV/m	Grid 8 M4 19.81 dBV/m	Grid 9 M4 19.79 dBV/m



0 dB = 16.92 V/m = 24.57 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.26 V/m; Power Drift = -0.02 dB

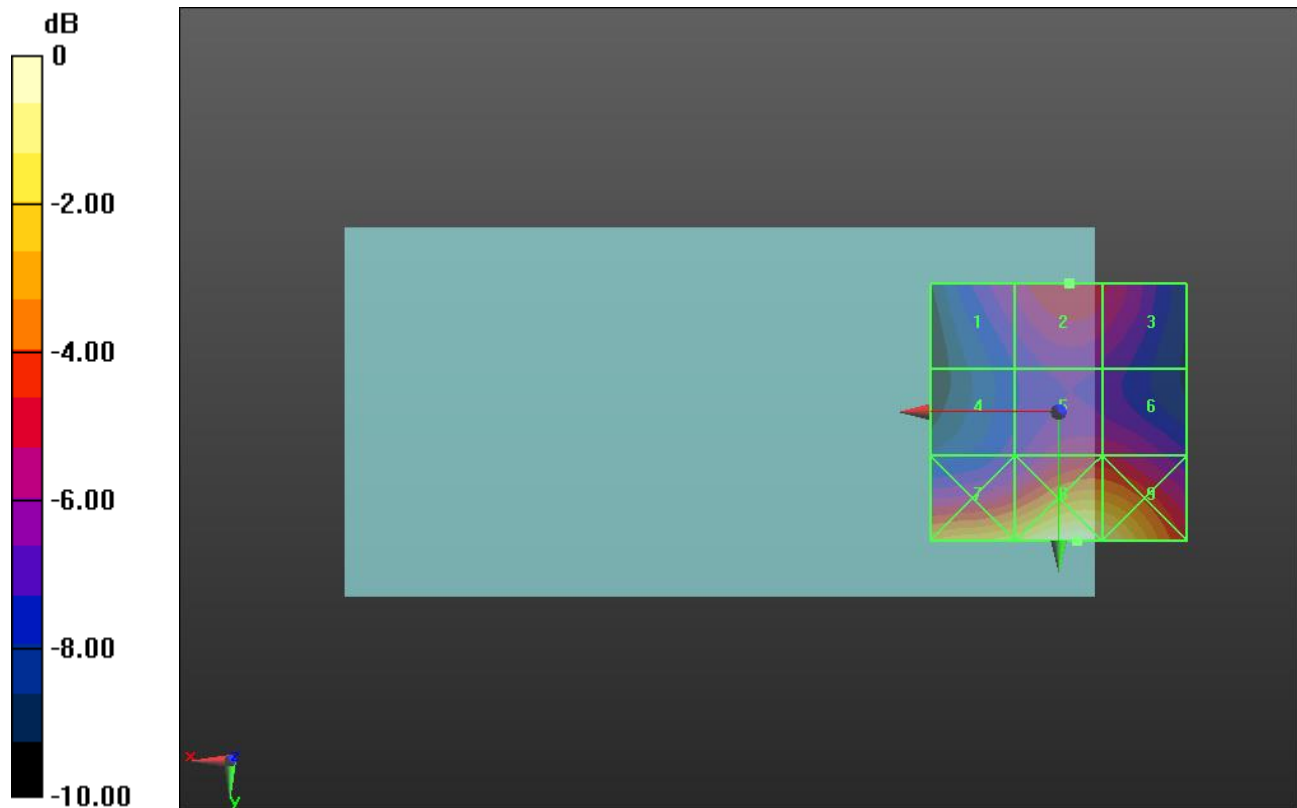
Applied MIF = 3.63 dB

RF audio interference level = 30.16 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.04 dBV/m	Grid 2 M3 30.17 dBV/m	Grid 3 M4 29.6 dBV/m
Grid 4 M4 27.93 dBV/m	Grid 5 M4 29.54 dBV/m	Grid 6 M4 29.5 dBV/m
Grid 7 M3 33.33 dBV/m	Grid 8 M3 34.75 dBV/m	Grid 9 M3 34.34 dBV/m



0 dB = 54.63 V/m = 34.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.99 V/m; Power Drift = 0.00 dB

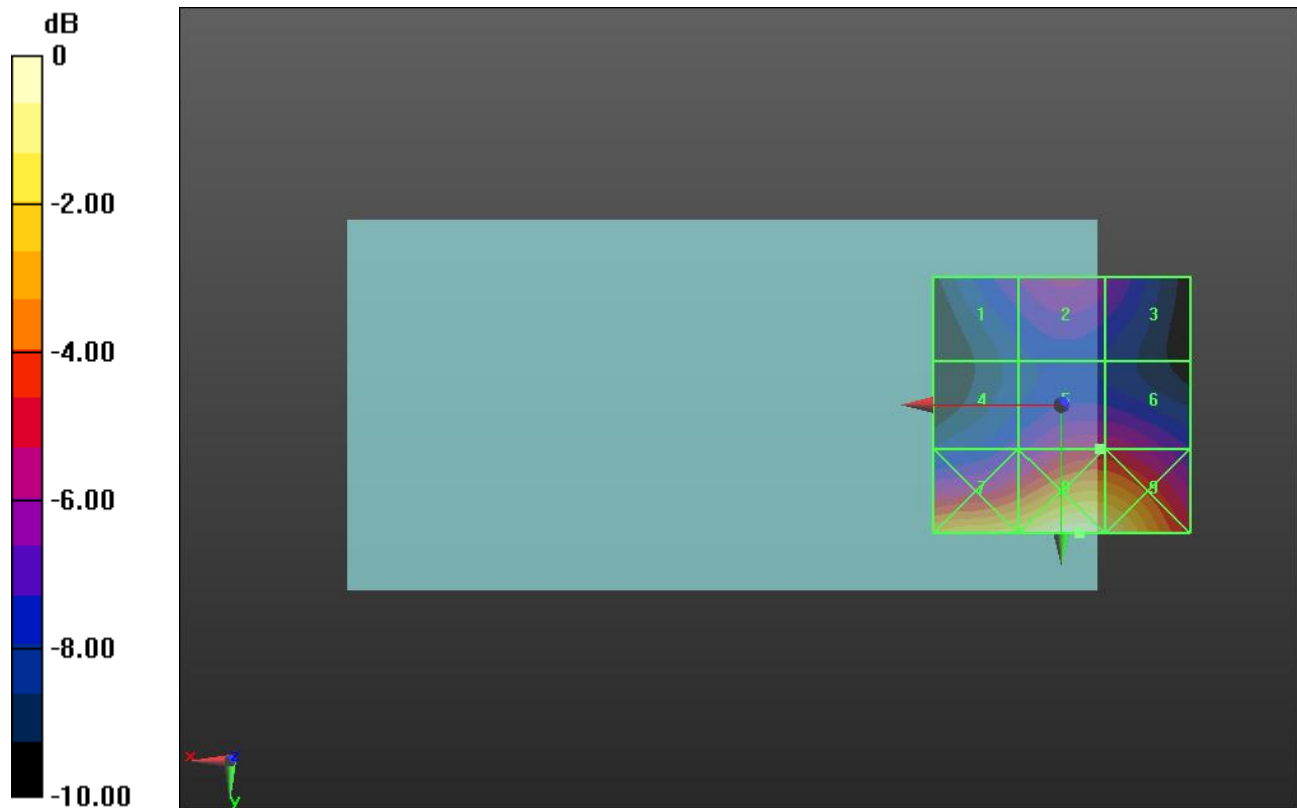
Applied MIF = 3.63 dB

RF audio interference level = 30.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.04 dBV/m	Grid 2 M4 29.86 dBV/m	Grid 3 M4 29.2 dBV/m
Grid 4 M4 28.7 dBV/m	Grid 5 M3 30.36 dBV/m	Grid 6 M3 30.35 dBV/m
Grid 7 M3 34.25 dBV/m	Grid 8 M2 35.59 dBV/m	Grid 9 M2 35.16 dBV/m



0 dB = 60.19 V/m = 35.59 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.31 V/m; Power Drift = -0.07 dB

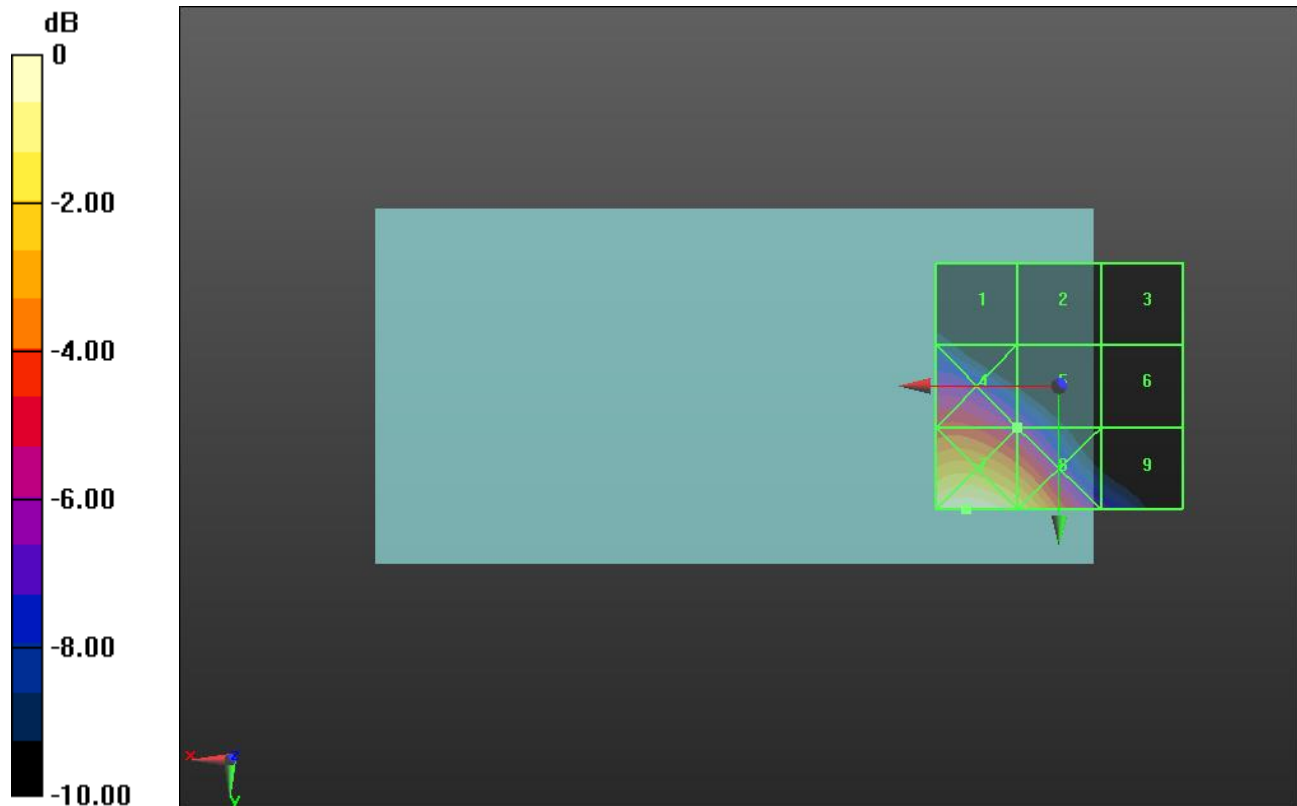
Applied MIF = -1.44 dB

RF audio interference level = 25.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 17.45 dBV/m	Grid 3 M4 17.56 dBV/m
Grid 4 M4 27.39 dBV/m	Grid 5 M4 25.52 dBV/m	Grid 6 M4 20.85 dBV/m
Grid 7 M3 31.74 dBV/m	Grid 8 M3 30.48 dBV/m	Grid 9 M4 25.02 dBV/m



0 dB = 38.66 V/m = 31.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.95 V/m; Power Drift = 0.01 dB

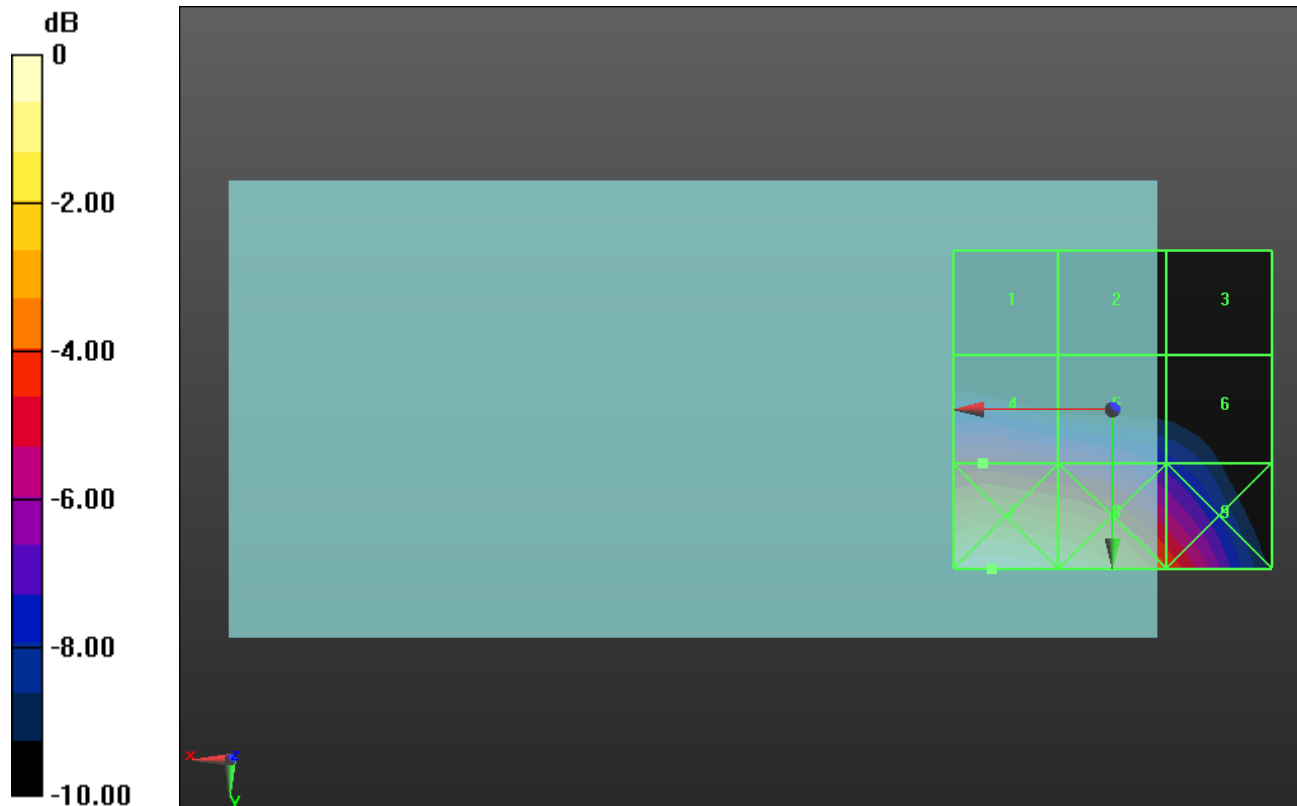
Applied MIF = -1.44 dB

RF audio interference level = 28.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.86 dBV/m	Grid 2 M4 20.11 dBV/m	Grid 3 M4 20.38 dBV/m
Grid 4 M4 28.48 dBV/m	Grid 5 M4 27.8 dBV/m	Grid 6 M4 25.88 dBV/m
Grid 7 M3 33.51 dBV/m	Grid 8 M3 32.81 dBV/m	Grid 9 M4 29.58 dBV/m



0 dB = 47.36 V/m = 33.51 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 = 22.14 V/m; Power Drift = -0.00 dB

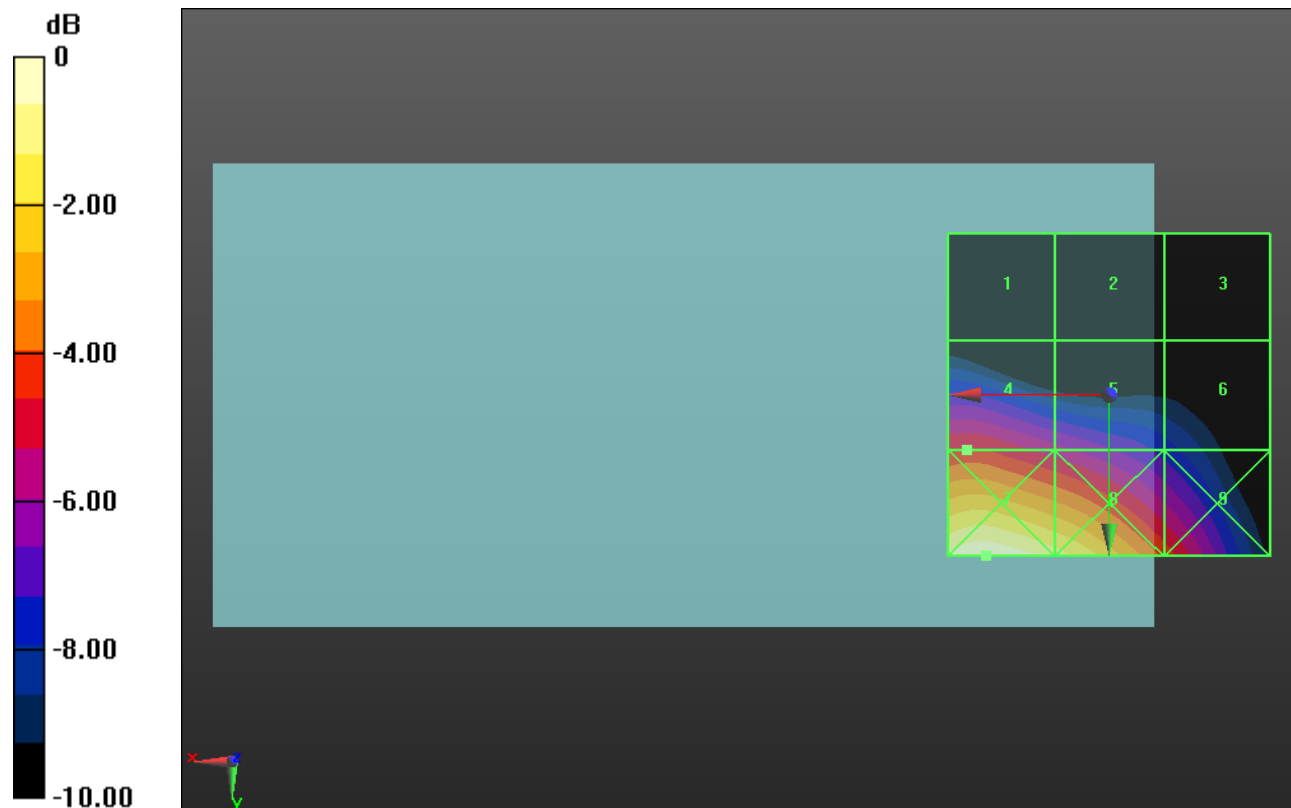
Applied MIF = -1.44 dB

RF audio interference level = 27.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.33 dBV/m	Grid 2 M4 20.12 dBV/m	Grid 3 M4 20.28 dBV/m
Grid 4 M4 27.88 dBV/m	Grid 5 M4 26.76 dBV/m	Grid 6 M4 24.85 dBV/m
Grid 7 M3 32.44 dBV/m	Grid 8 M3 31.5 dBV/m	Grid 9 M4 28.31 dBV/m



0 dB = 41.87 V/m = 32.44 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.09 V/m; Power Drift = -0.03 dB

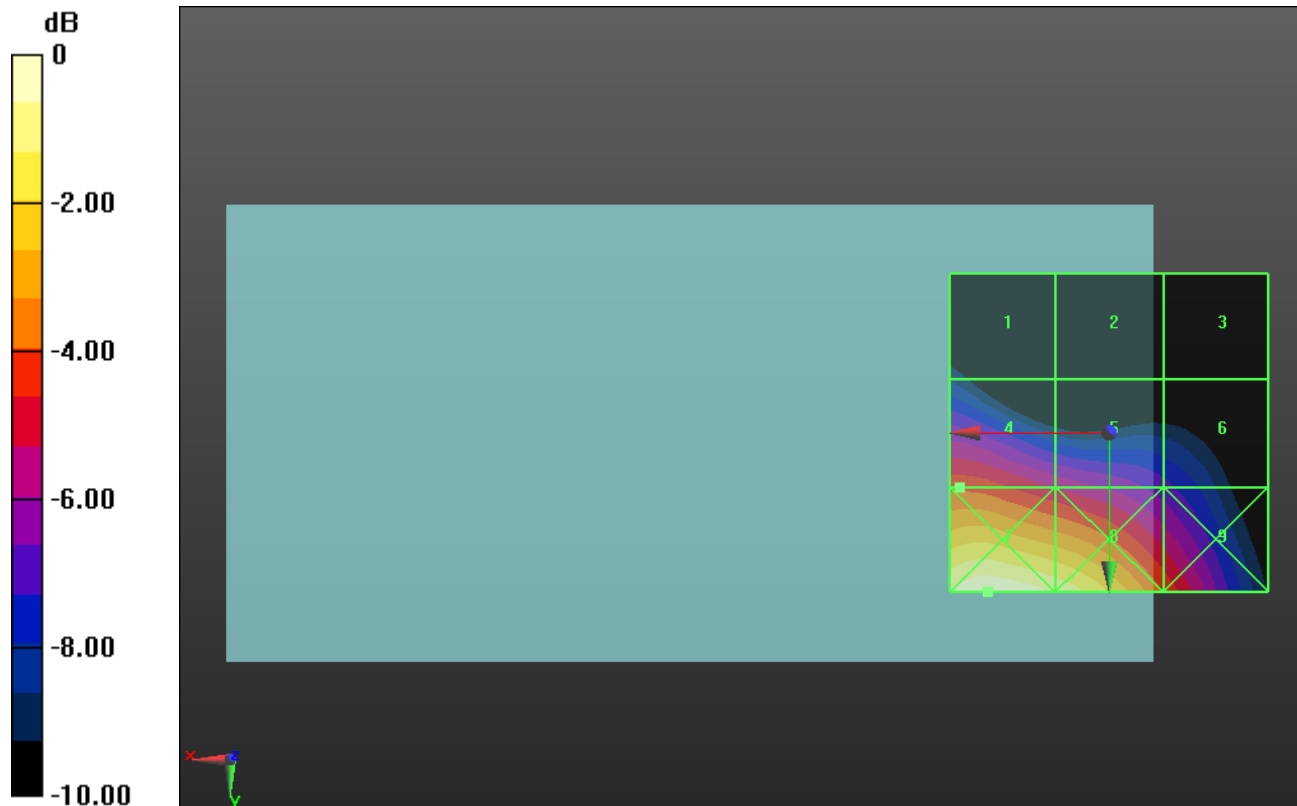
Applied MIF = -1.44 dB

RF audio interference level = 27.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.92 dBV/m	Grid 2 M4 19.58 dBV/m	Grid 3 M4 19.83 dBV/m
Grid 4 M4 27.47 dBV/m	Grid 5 M4 26.25 dBV/m	Grid 6 M4 24.6 dBV/m
Grid 7 M3 31.63 dBV/m	Grid 8 M3 30.93 dBV/m	Grid 9 M4 27.65 dBV/m



0 dB = 38.17 V/m = 31.63 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_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 = 21.87 V/m; Power Drift = -0.01 dB

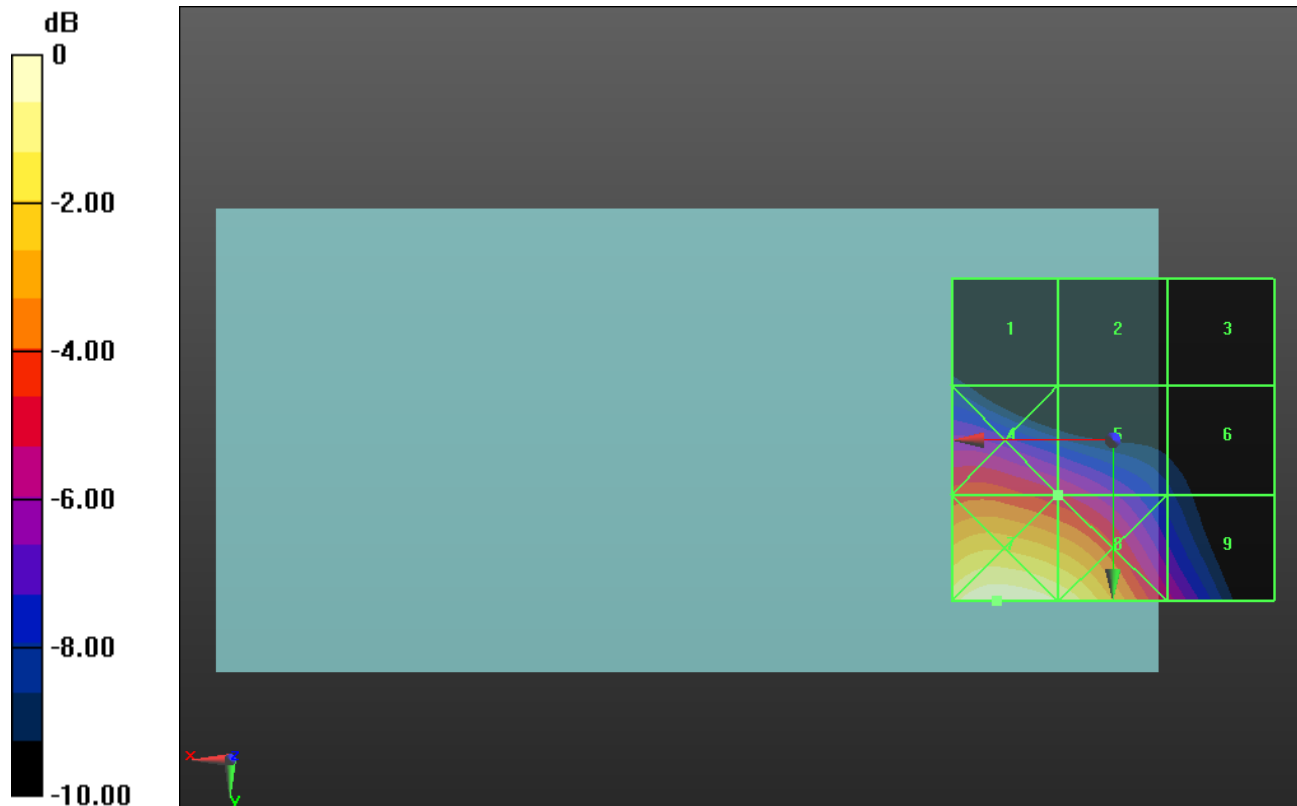
Applied MIF = -1.44 dB

RF audio interference level = 26.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.26 dBV/m	Grid 2 M4 19.64 dBV/m	Grid 3 M4 19.71 dBV/m
Grid 4 M4 27.94 dBV/m	Grid 5 M4 26.95 dBV/m	Grid 6 M4 23.72 dBV/m
Grid 7 M3 32.1 dBV/m	Grid 8 M3 31.44 dBV/m	Grid 9 M4 26.52 dBV/m



0 dB = 40.29 V/m = 32.10 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.31 V/m; Power Drift = -0.07 dB

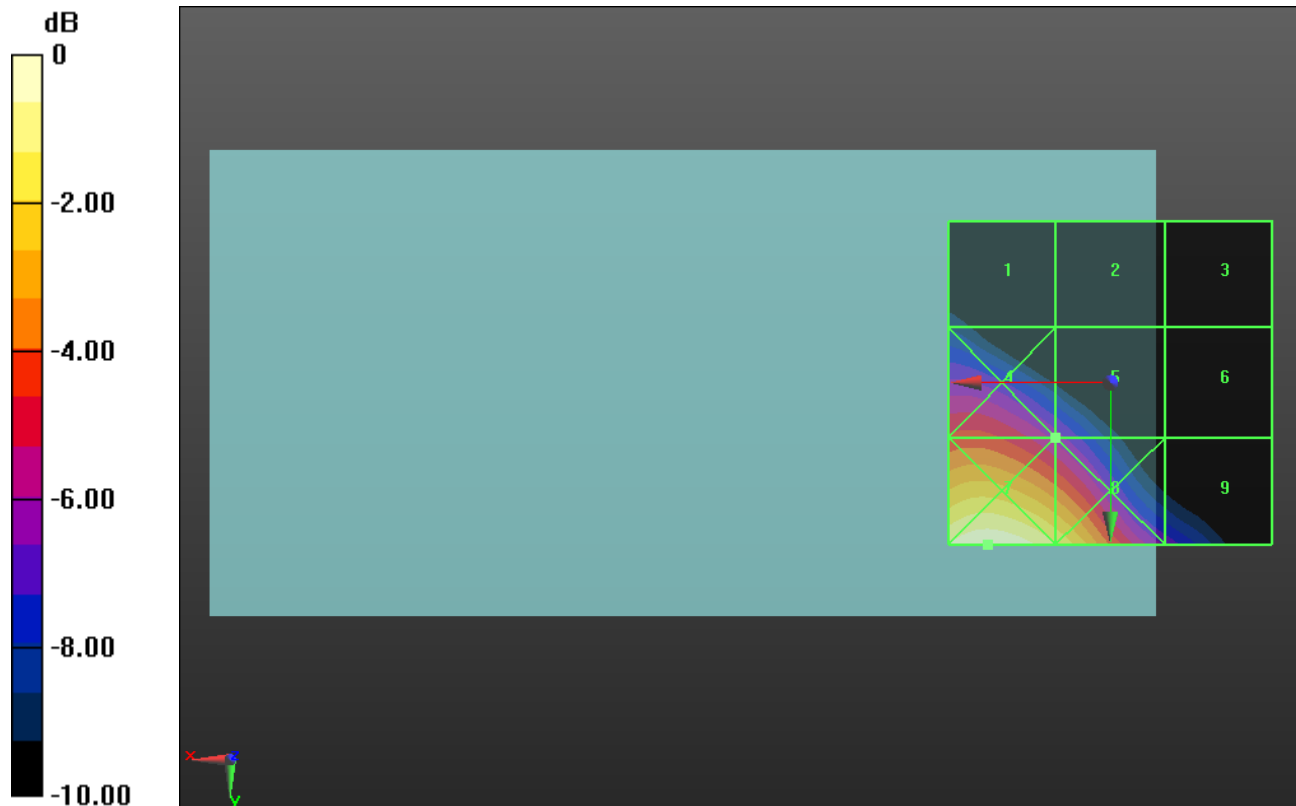
Applied MIF = -1.44 dB

RF audio interference level = 25.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 17.45 dBV/m	Grid 3 M4 17.56 dBV/m
Grid 4 M4 27.39 dBV/m	Grid 5 M4 25.52 dBV/m	Grid 6 M4 20.85 dBV/m
Grid 7 M3 31.74 dBV/m	Grid 8 M3 30.48 dBV/m	Grid 9 M4 25.02 dBV/m



0 dB = 38.66 V/m = 31.75 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 = 39.70 V/m; Power Drift = 0.02 dB

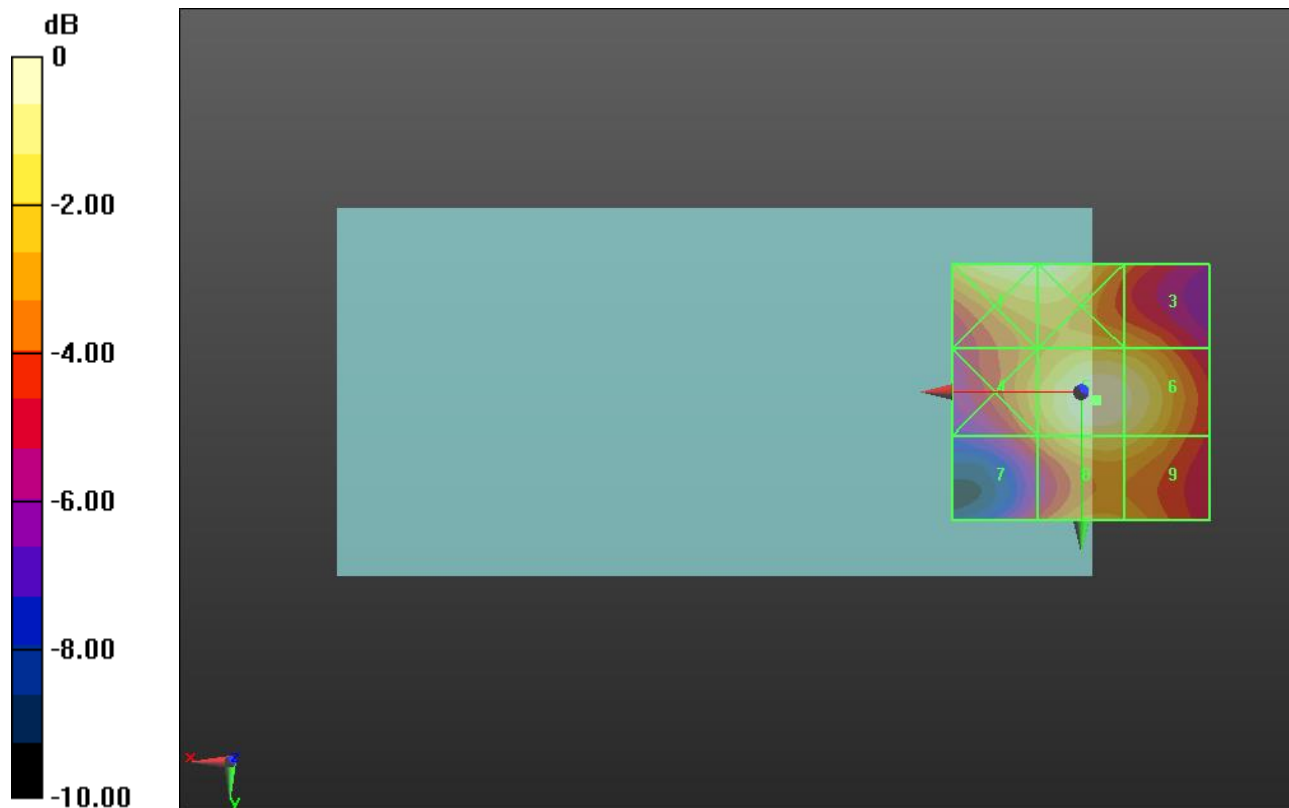
Applied MIF = -1.44 dB

RF audio interference level = 26.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.2 dBV/m	Grid 2 M4 26.22 dBV/m	Grid 3 M4 24.11 dBV/m
Grid 4 M4 24.38 dBV/m	Grid 5 M4 26.5 dBV/m	Grid 6 M4 26.07 dBV/m
Grid 7 M4 23.09 dBV/m	Grid 8 M4 25.31 dBV/m	Grid 9 M4 25.03 dBV/m



0 dB = 21.13 V/m = 26.50 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 = 40.73 V/m; Power Drift = 0.03 dB

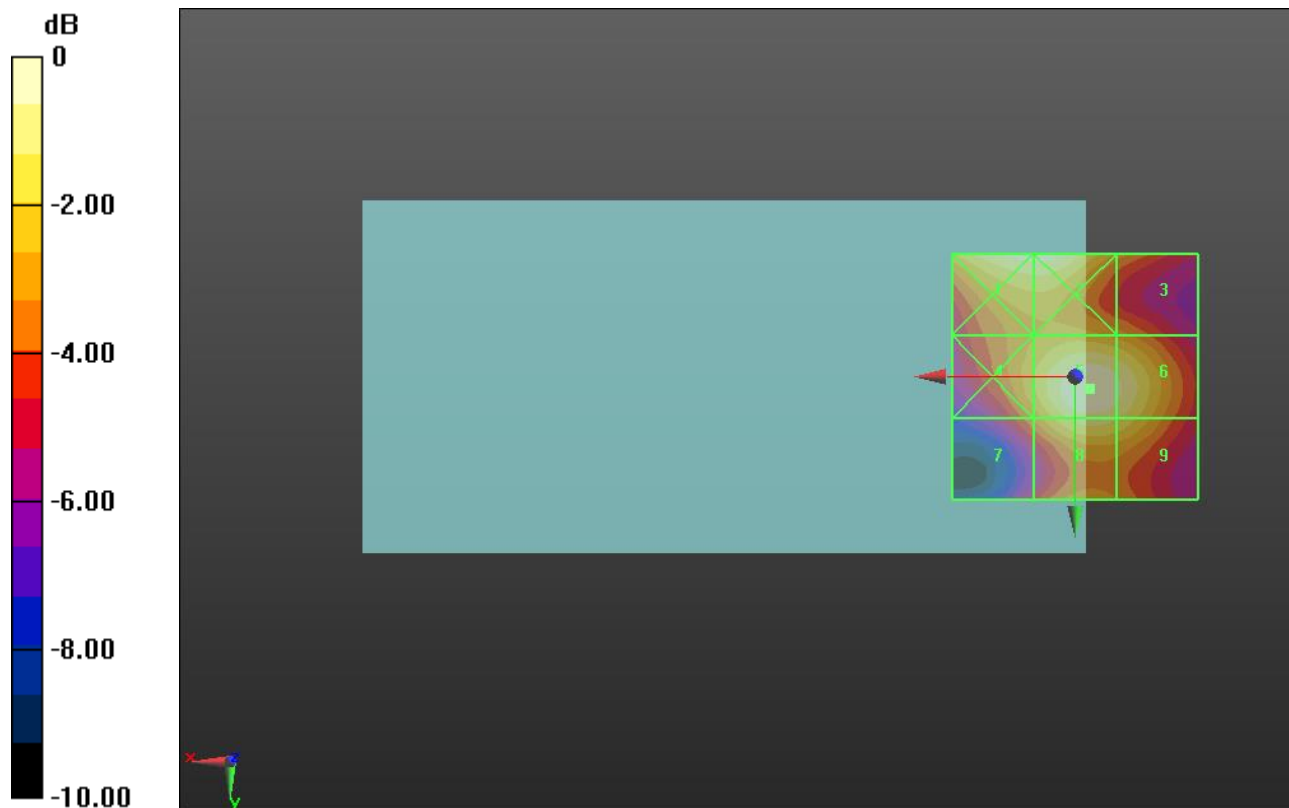
Applied MIF = -1.44 dB

RF audio interference level = 26.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.63 dBV/m	Grid 2 M4 26.64 dBV/m	Grid 3 M4 24.1 dBV/m
Grid 4 M4 24.85 dBV/m	Grid 5 M4 26.9 dBV/m	Grid 6 M4 26.41 dBV/m
Grid 7 M4 23.61 dBV/m	Grid 8 M4 25.96 dBV/m	Grid 9 M4 25.6 dBV/m



0 dB = 22.12 V/m = 26.90 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.30 V/m; Power Drift = 0.03 dB

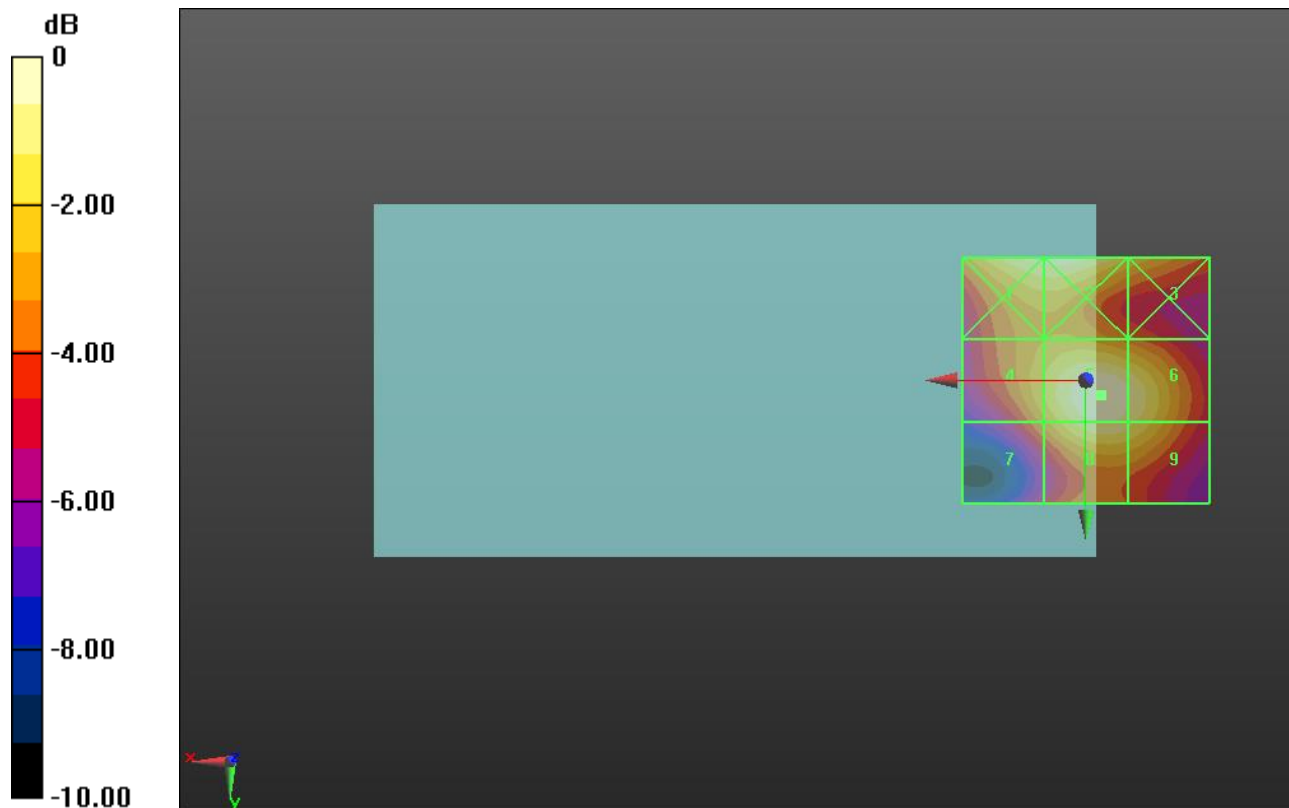
Applied MIF = -1.44 dB

RF audio interference level = 26.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.43 dBV/m	Grid 2 M4 26.52 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 24.67 dBV/m	Grid 5 M4 26.61 dBV/m	Grid 6 M4 26.05 dBV/m
Grid 7 M4 23.65 dBV/m	Grid 8 M4 25.96 dBV/m	Grid 9 M4 25.55 dBV/m



0 dB = 21.40 V/m = 26.61 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.45 V/m; Power Drift = 0.06 dB

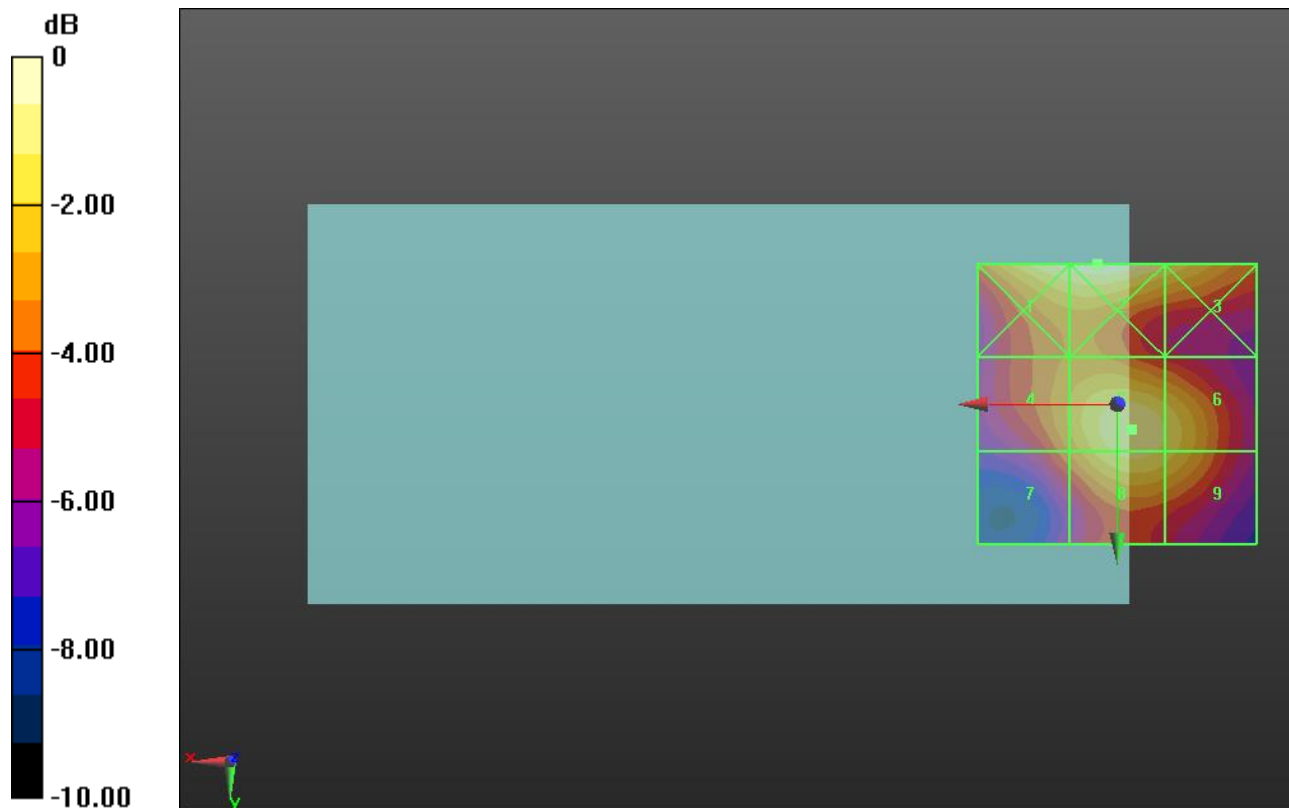
Applied MIF = -1.44 dB

RF audio interference level = 25.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.9 dBV/m	Grid 2 M4 26.14 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 23.61 dBV/m	Grid 5 M4 25.42 dBV/m	Grid 6 M4 24.8 dBV/m
Grid 7 M4 22.88 dBV/m	Grid 8 M4 25.06 dBV/m	Grid 9 M4 24.54 dBV/m



0 dB = 20.27 V/m = 26.14 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 40.79 V/m; Power Drift = -0.01 dB

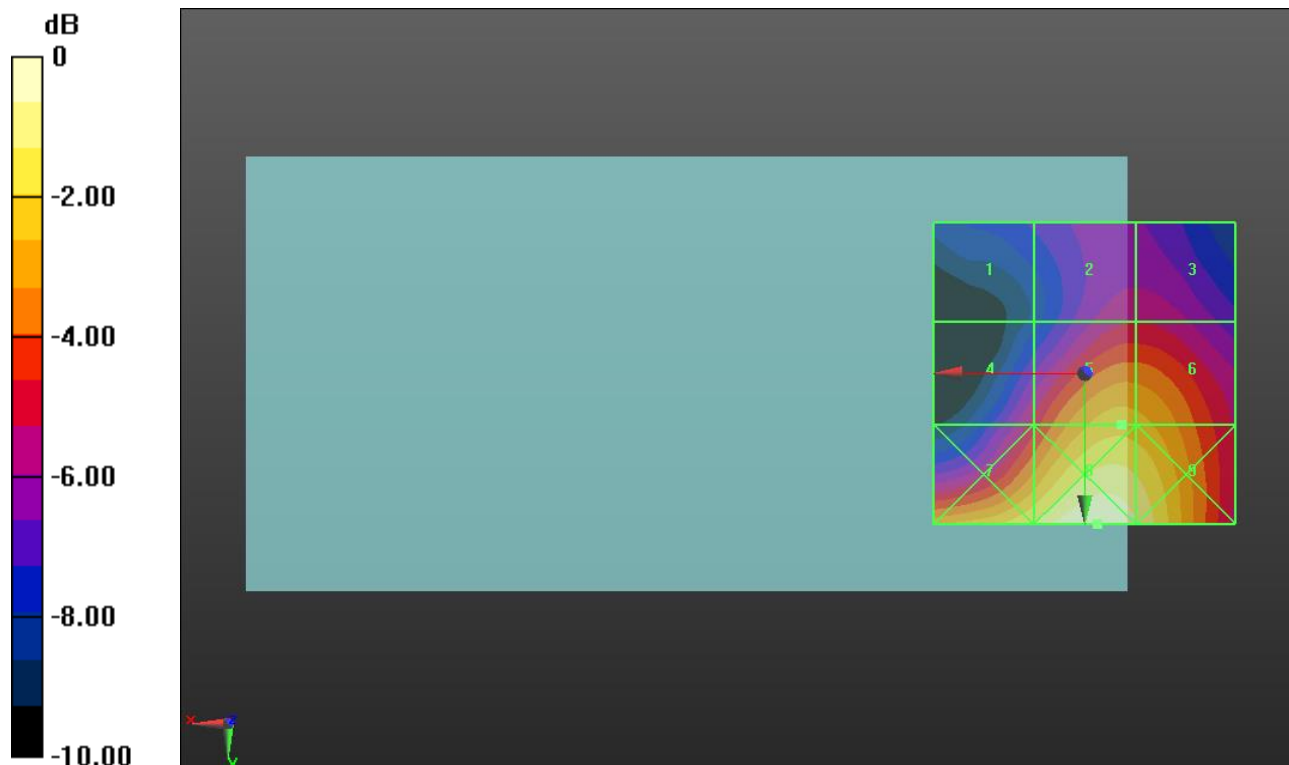
Applied MIF = -2.02 dB

RF audio interference level = 29.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.55 dBV/m	Grid 2 M4 26.44 dBV/m	Grid 3 M4 26.44 dBV/m
Grid 4 M4 26.74 dBV/m	Grid 5 M4 29.47 dBV/m	Grid 6 M4 29.36 dBV/m
Grid 7 M3 30.54 dBV/m	Grid 8 M3 31.73 dBV/m	Grid 9 M3 31.09 dBV/m



0 dB = 38.58 V/m = 31.73 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 40.27 V/m; Power Drift = -0.03 dB

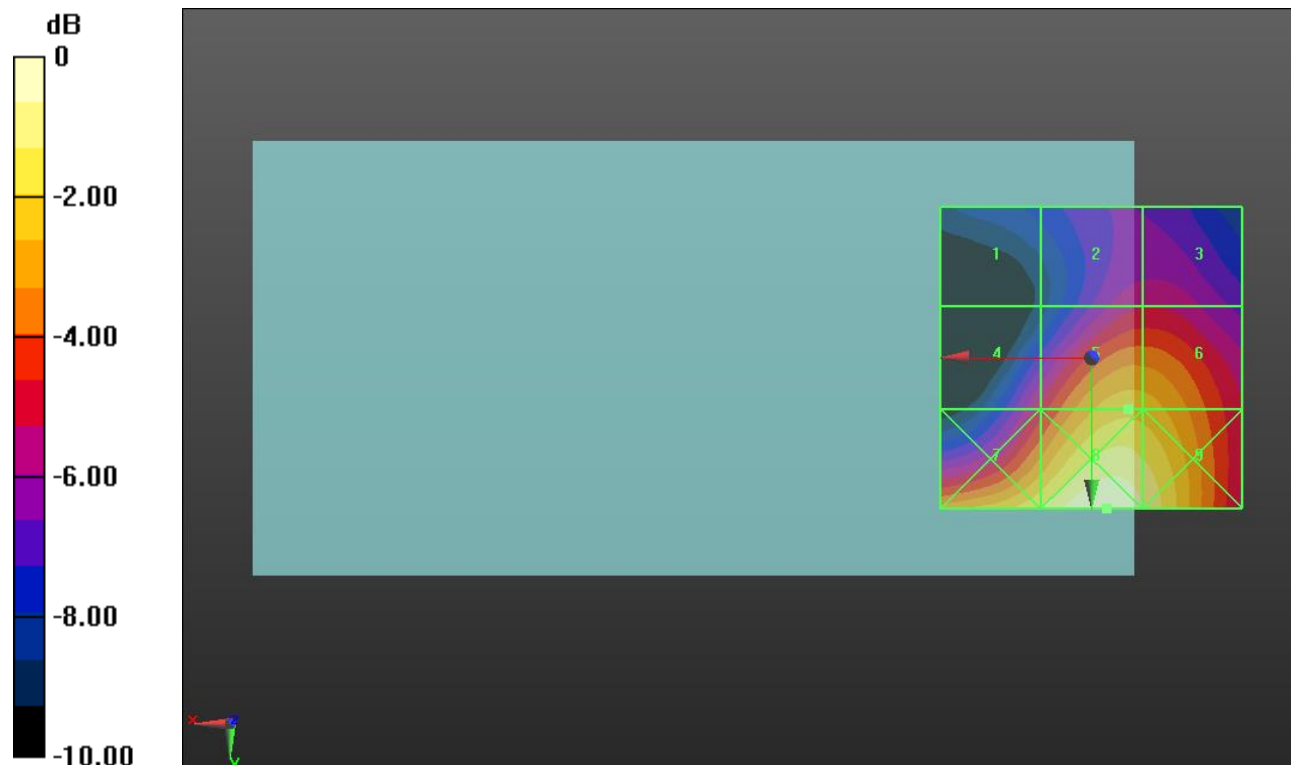
Applied MIF = -2.02 dB

RF audio interference level = 29.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.91 dBV/m	Grid 2 M4 26.25 dBV/m	Grid 3 M4 26.27 dBV/m
Grid 4 M4 26.55 dBV/m	Grid 5 M4 29.4 dBV/m	Grid 6 M4 29.31 dBV/m
Grid 7 M3 30.35 dBV/m	Grid 8 M3 31.6 dBV/m	Grid 9 M3 30.96 dBV/m



0 dB = 38.02 V/m = 31.60 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.79 V/m; Power Drift = 0.01 dB

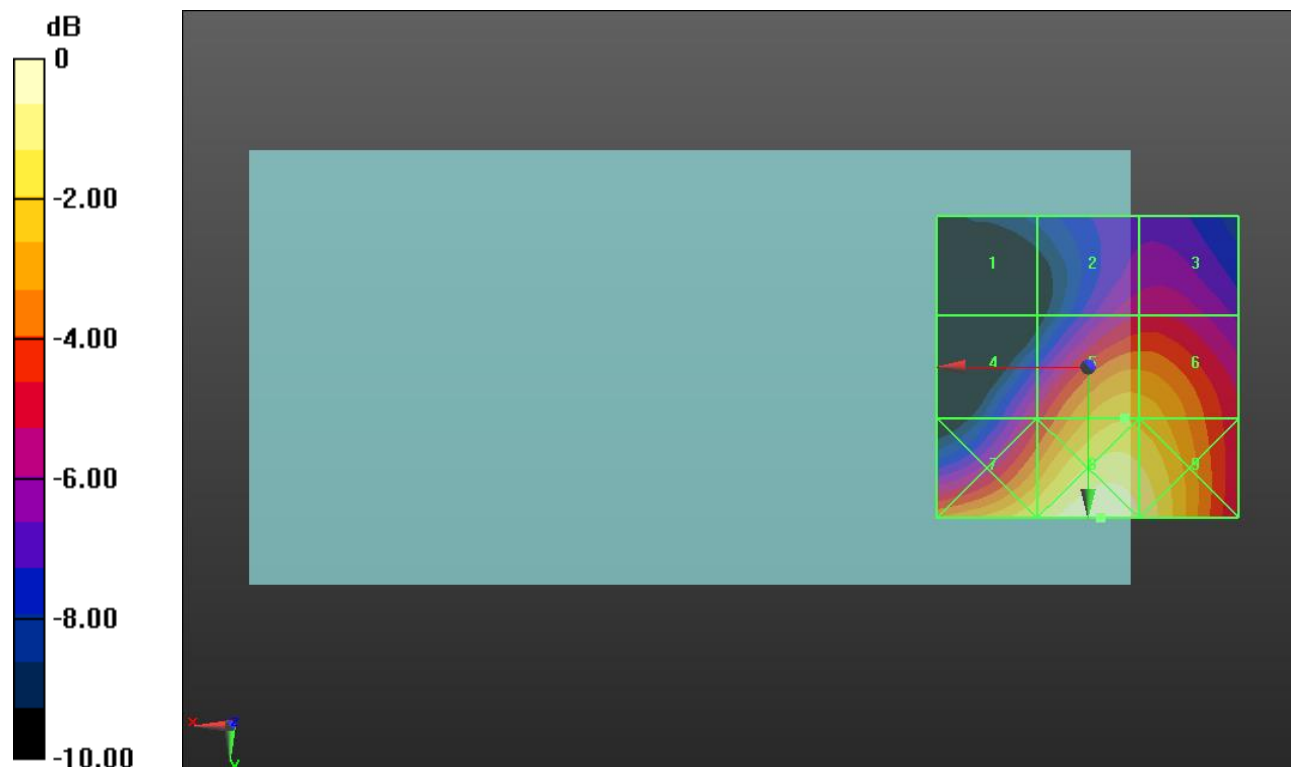
Applied MIF = -2.02 dB

RF audio interference level = 28.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.81 dBV/m	Grid 2 M4 24.88 dBV/m	Grid 3 M4 24.96 dBV/m
Grid 4 M4 25.15 dBV/m	Grid 5 M4 28.12 dBV/m	Grid 6 M4 28.01 dBV/m
Grid 7 M4 28.98 dBV/m	Grid 8 M3 30.17 dBV/m	Grid 9 M4 29.53 dBV/m



0 dB = 32.26 V/m = 30.17 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.91 V/m; Power Drift = -0.08 dB

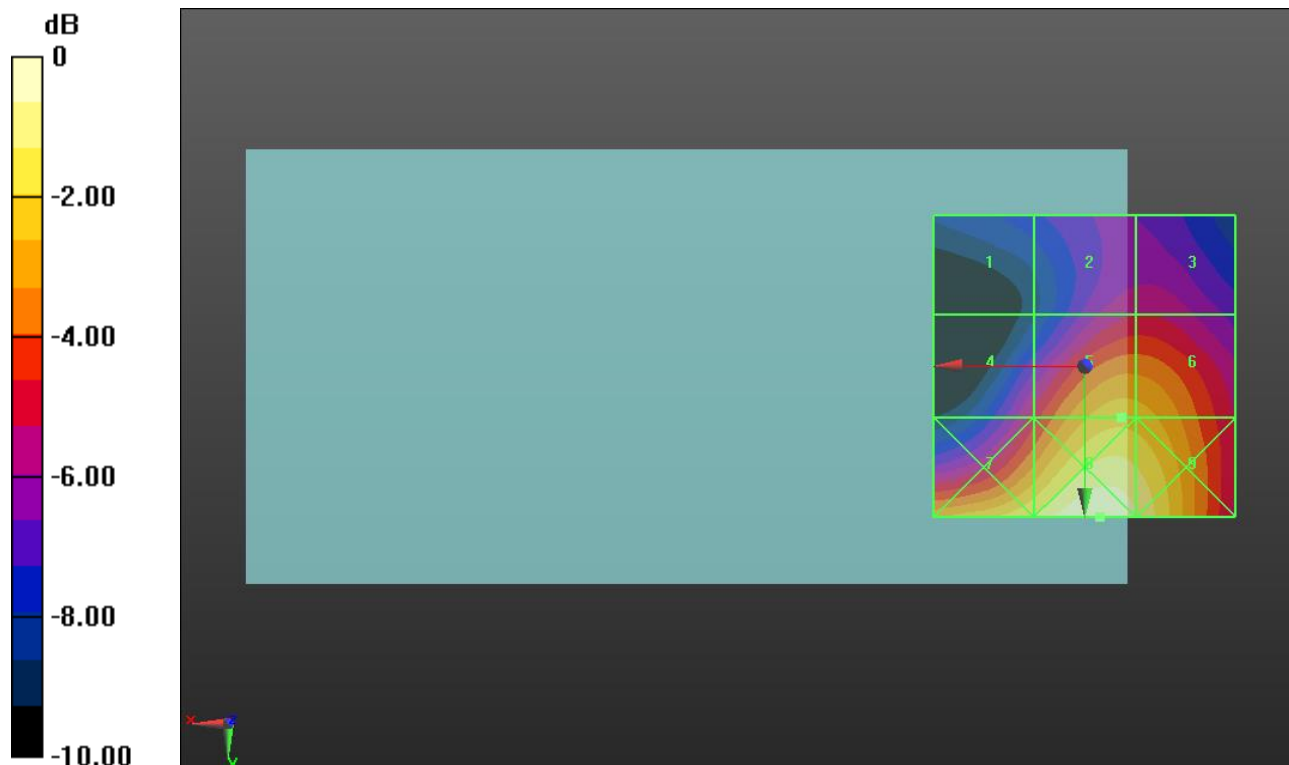
Applied MIF = 0.12 dB

RF audio interference level = 30.99 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 25.72 dBV/m	Grid 2 M4 27.9 dBV/m	Grid 3 M4 27.91 dBV/m
Grid 4 M4 28.21 dBV/m	Grid 5 M3 30.99 dBV/m	Grid 6 M3 30.9 dBV/m
Grid 7 M3 32.01 dBV/m	Grid 8 M3 33.2 dBV/m	Grid 9 M3 32.58 dBV/m



0 dB = 45.72 V/m = 33.20 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.96 V/m; Power Drift = -0.06 dB

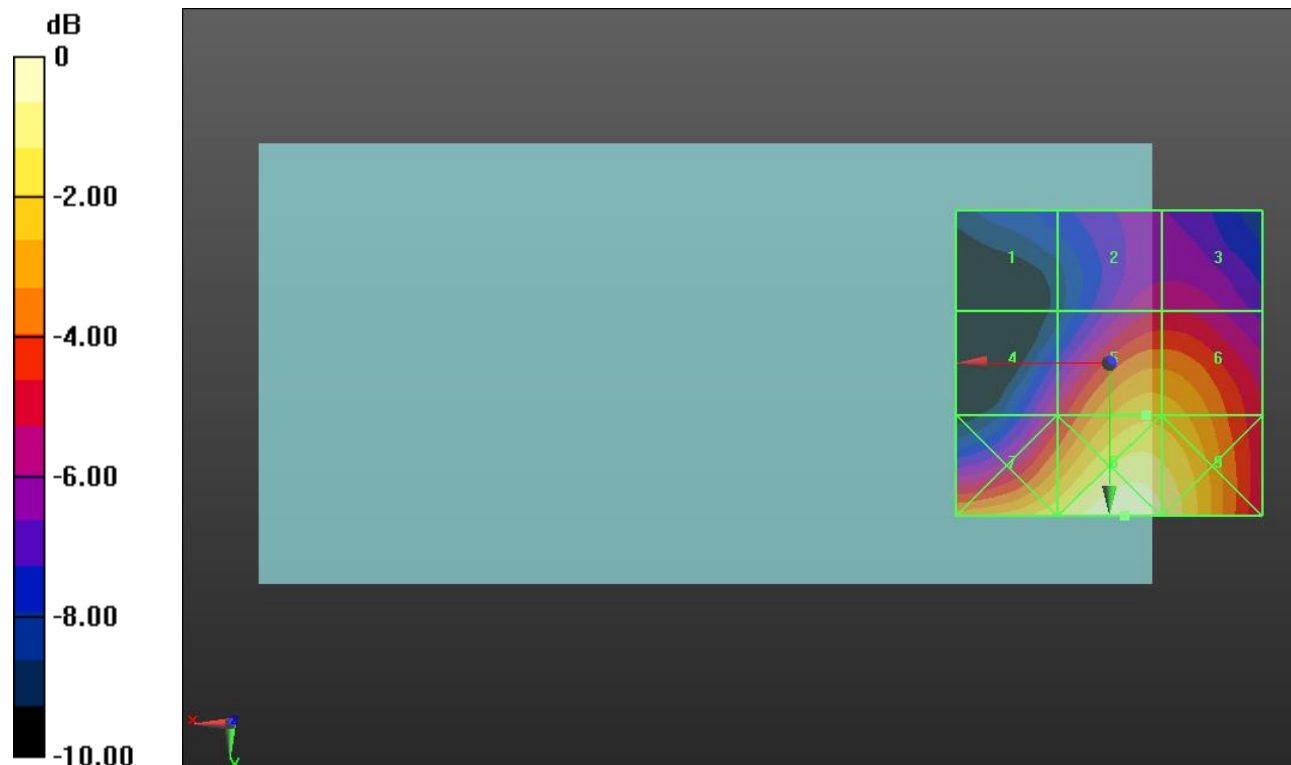
Applied MIF = 0.12 dB

RF audio interference level = 30.97 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.54 dBV/m	Grid 2 M4 27.83 dBV/m	Grid 3 M4 27.85 dBV/m
Grid 4 M4 27.97 dBV/m	Grid 5 M3 30.97 dBV/m	Grid 6 M3 30.88 dBV/m
Grid 7 M3 31.81 dBV/m	Grid 8 M3 33.11 dBV/m	Grid 9 M3 32.55 dBV/m



0 dB = 45.25 V/m = 33.11 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.35 V/m; Power Drift = -0.10 dB

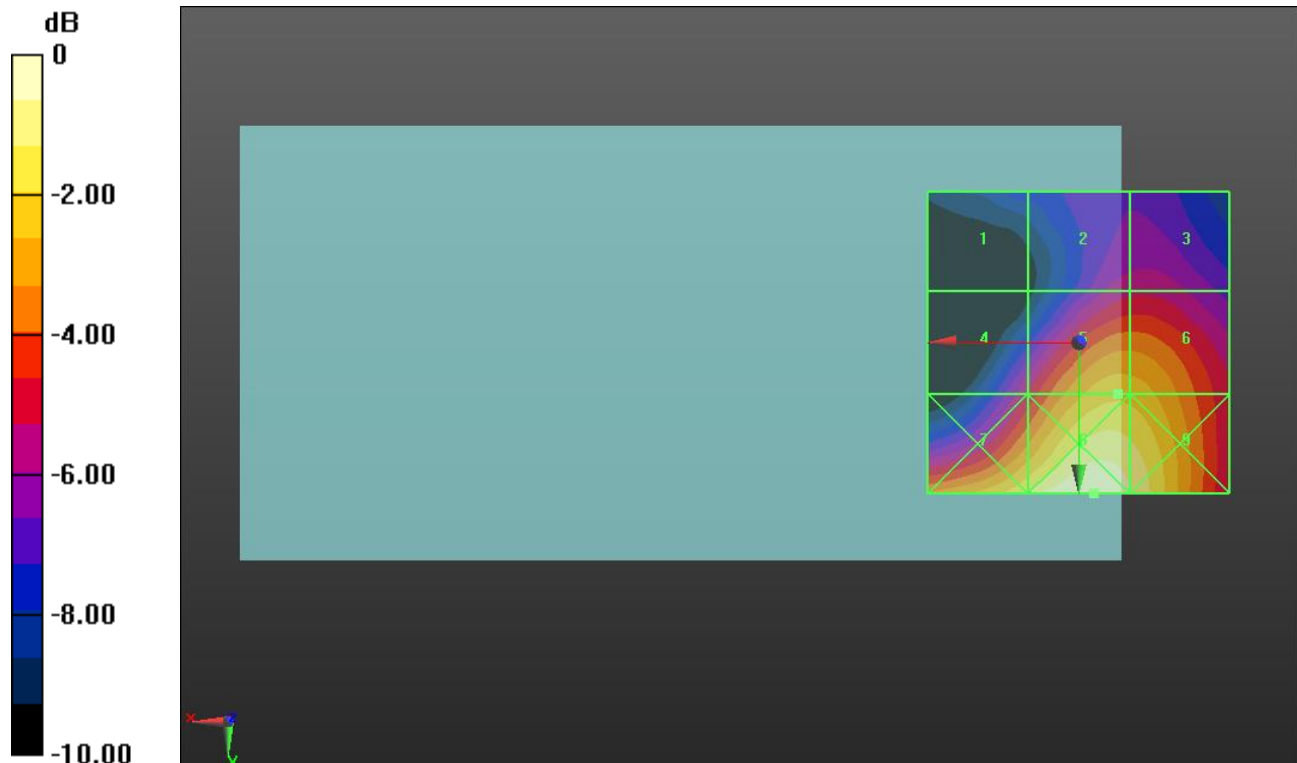
Applied MIF = 0.12 dB

RF audio interference level = 31.40 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 26.08 dBV/m	Grid 2 M4 28.1 dBV/m	Grid 3 M4 28.16 dBV/m
Grid 4 M4 28.34 dBV/m	Grid 5 M3 31.4 dBV/m	Grid 6 M3 31.33 dBV/m
Grid 7 M3 32.32 dBV/m	Grid 8 M3 33.57 dBV/m	Grid 9 M3 32.96 dBV/m



0 dB = 47.69 V/m = 33.57 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.057 V/m; Power Drift = 0.32 dB

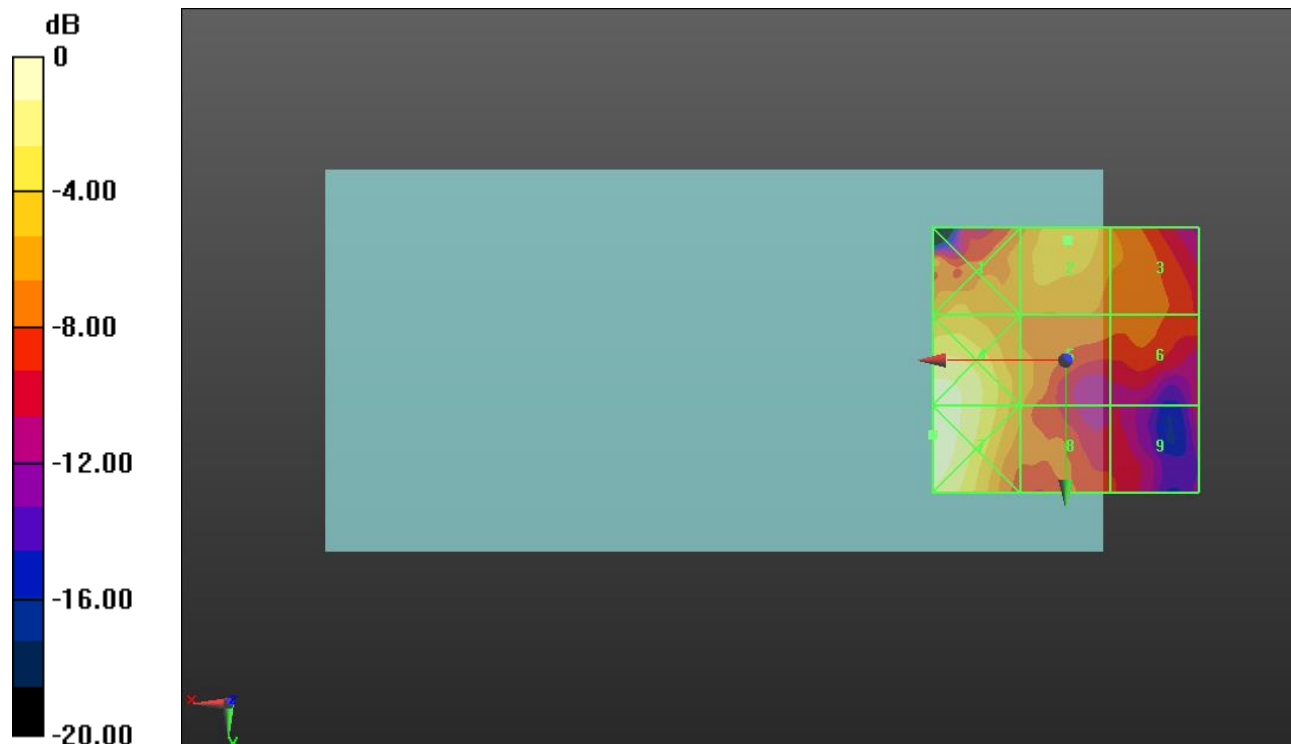
Applied MIF = -5.82 dB

RF audio interference level = 8.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.48 dBV/m	Grid 2 M4 8.68 dBV/m	Grid 3 M4 7.16 dBV/m
Grid 4 M4 12.86 dBV/m	Grid 5 M4 7.37 dBV/m	Grid 6 M4 5.83 dBV/m
Grid 7 M4 13.27 dBV/m	Grid 8 M4 6.92 dBV/m	Grid 9 M4 4.23 dBV/m



0 dB = 4.606 V/m = 13.27 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 44/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.186 V/m; Power Drift = 1.60 dB

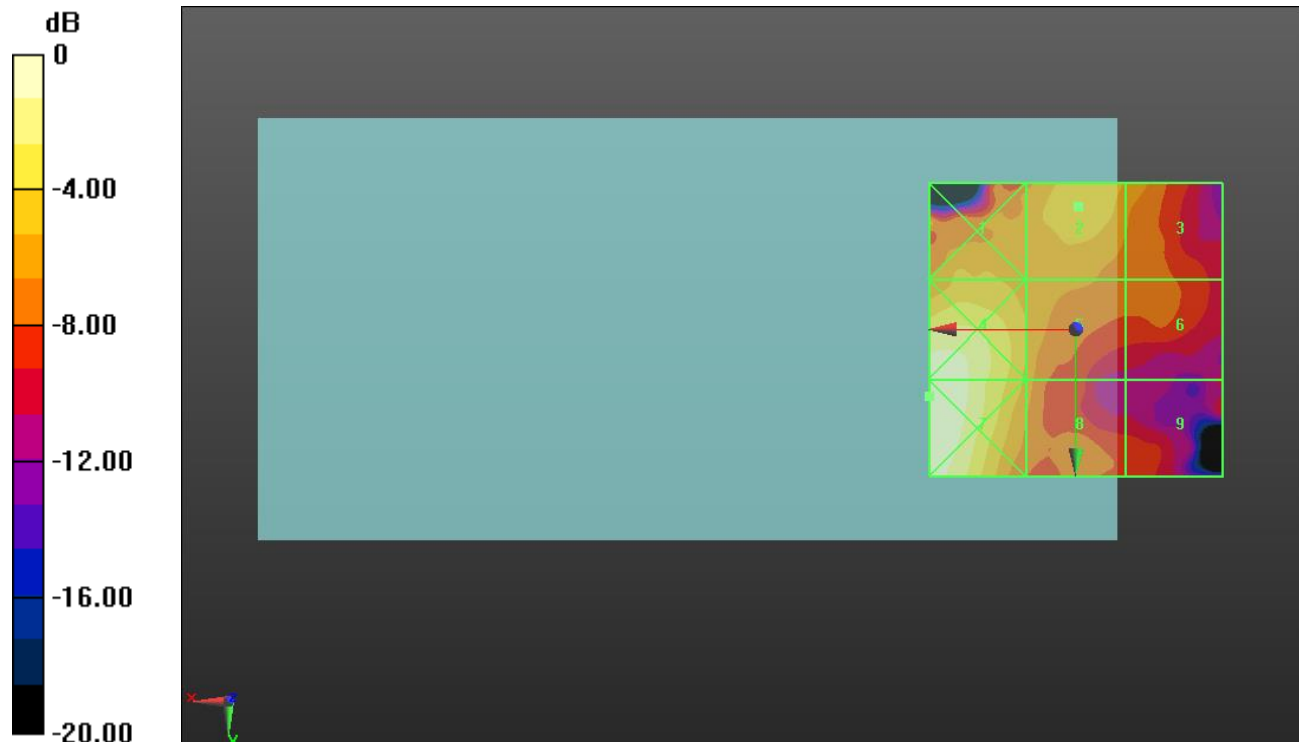
Applied MIF = -5.82 dB

RF audio interference level = 9.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.5 dBV/m	Grid 2 M4 9.27 dBV/m	Grid 3 M4 8.16 dBV/m
Grid 4 M4 13.24 dBV/m	Grid 5 M4 8.39 dBV/m	Grid 6 M4 6.2 dBV/m
Grid 7 M4 13.52 dBV/m	Grid 8 M4 7.82 dBV/m	Grid 9 M4 5.45 dBV/m



0 dB = 4.745 V/m = 13.52 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 48/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.821 V/m; Power Drift = 0.32 dB

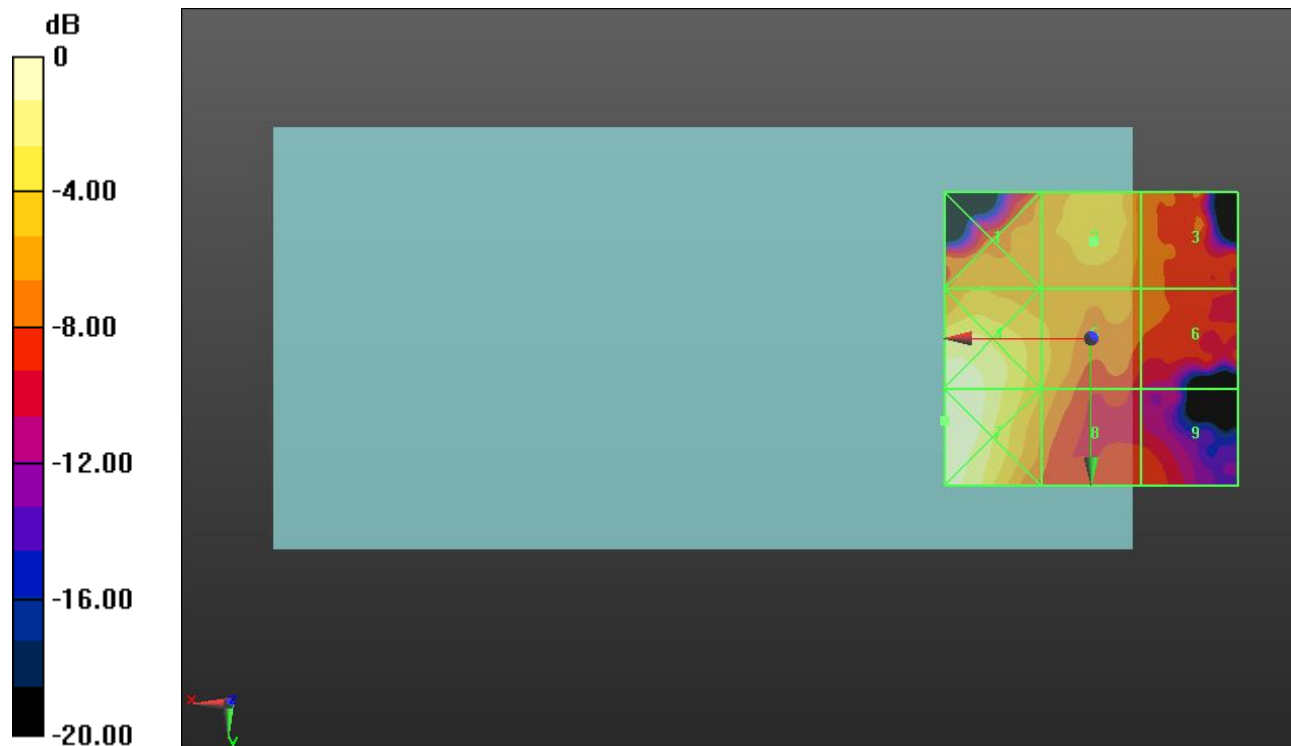
Applied MIF = -5.82 dB

RF audio interference level = 8.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.07 dBV/m	Grid 2 M4 8.67 dBV/m	Grid 3 M4 6.44 dBV/m
Grid 4 M4 12.98 dBV/m	Grid 5 M4 8.54 dBV/m	Grid 6 M4 6.24 dBV/m
Grid 7 M4 13.29 dBV/m	Grid 8 M4 8.06 dBV/m	Grid 9 M4 5.26 dBV/m



0 dB = 4.618 V/m = 13.29 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 52/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.829 V/m; Power Drift = 0.23 dB

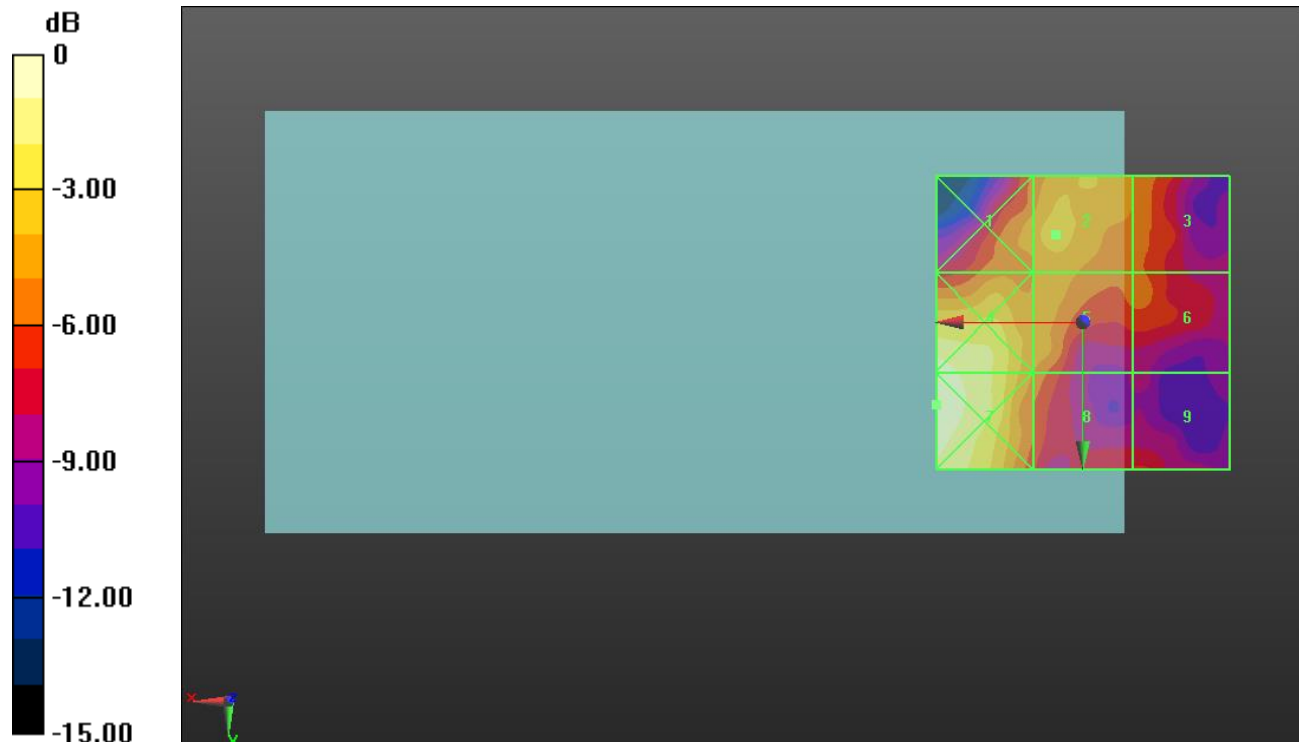
Applied MIF = -5.82 dB

RF audio interference level = 9.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.56 dBV/m	Grid 2 M4 9.34 dBV/m	Grid 3 M4 7.96 dBV/m
Grid 4 M4 12.42 dBV/m	Grid 5 M4 8.51 dBV/m	Grid 6 M4 7.45 dBV/m
Grid 7 M4 12.88 dBV/m	Grid 8 M4 7.93 dBV/m	Grid 9 M4 6.09 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.718 V/m; Power Drift = -0.10 dB

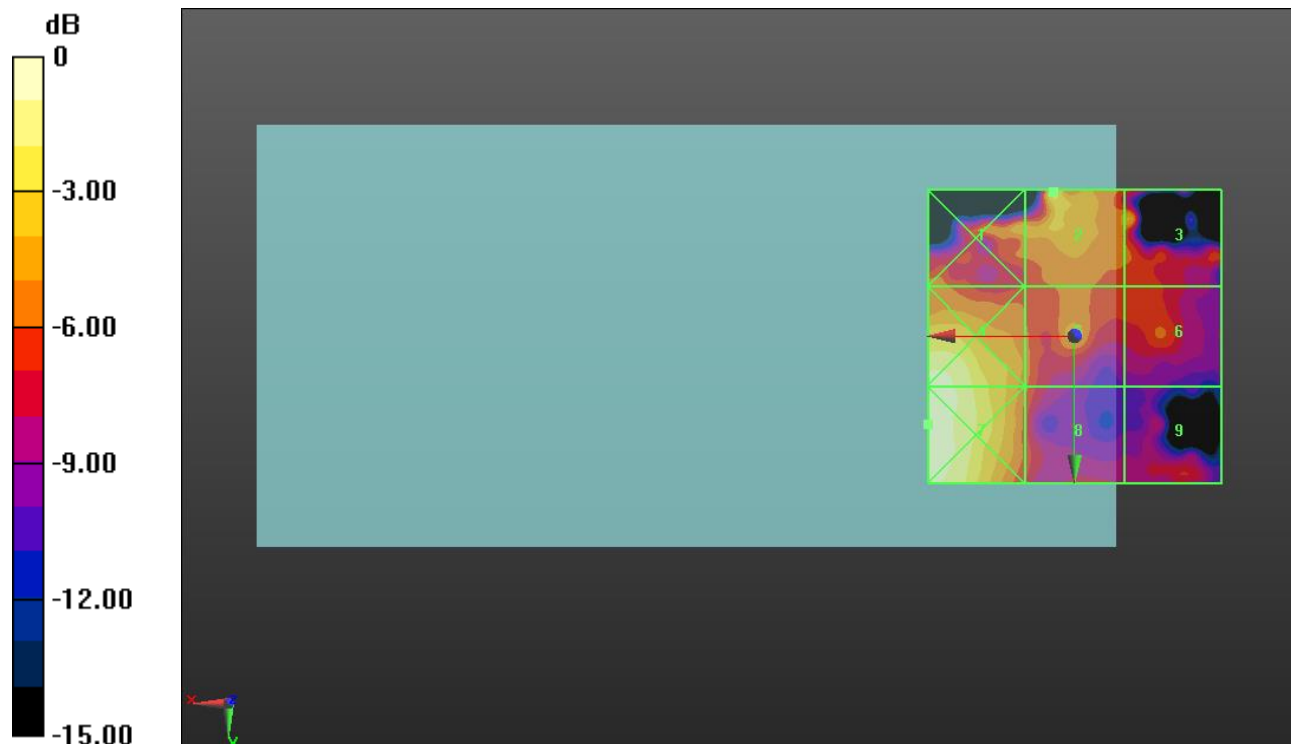
Applied MIF = -5.82 dB

RF audio interference level = 10.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.36 dBV/m	Grid 2 M4 10.27 dBV/m	Grid 3 M4 8.84 dBV/m
Grid 4 M4 12.2 dBV/m	Grid 5 M4 8.28 dBV/m	Grid 6 M4 6.9 dBV/m
Grid 7 M4 12.7 dBV/m	Grid 8 M4 7.1 dBV/m	Grid 9 M4 5.81 dBV/m



0 dB = 4.315 V/m = 12.70 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 2.949 V/m; Power Drift = 0.89 dB

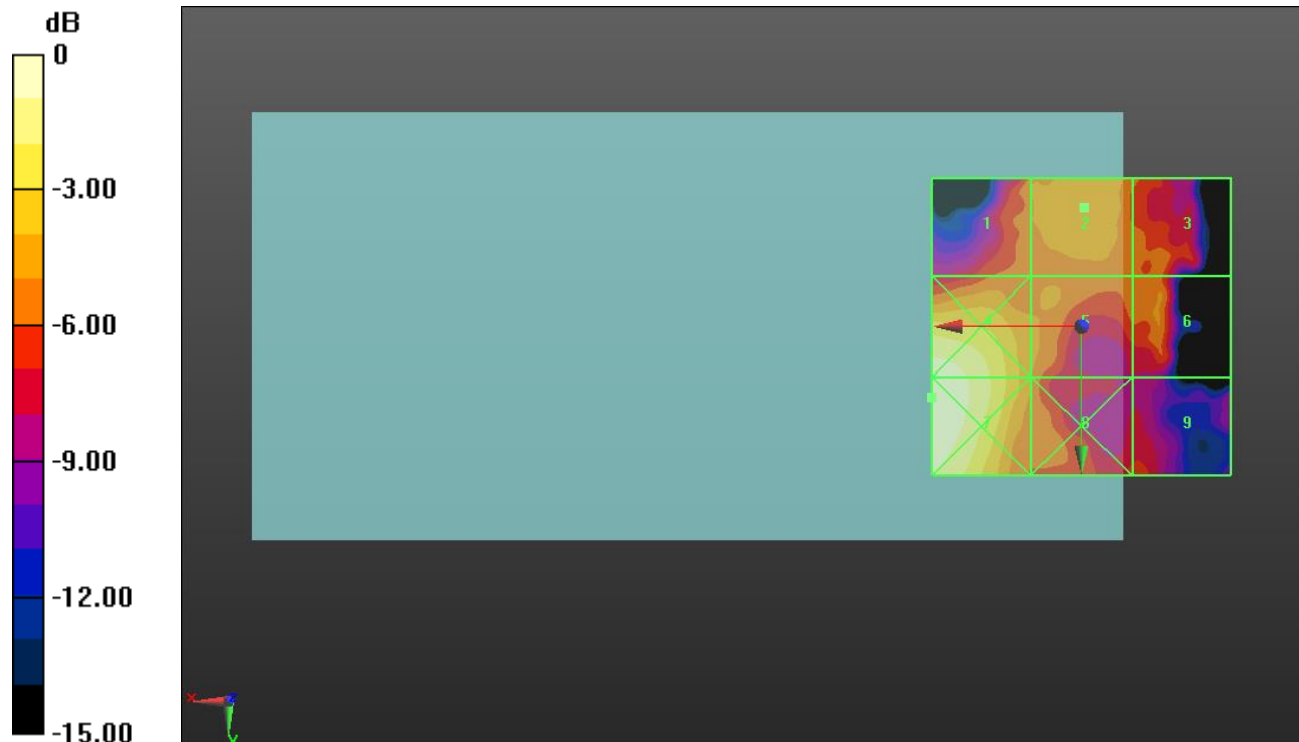
Applied MIF = -5.82 dB

RF audio interference level = 7.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.1 dBV/m	Grid 2 M4 7.94 dBV/m	Grid 3 M4 6.61 dBV/m
Grid 4 M4 11.72 dBV/m	Grid 5 M4 7.36 dBV/m	Grid 6 M4 7.18 dBV/m
Grid 7 M4 12 dBV/m	Grid 8 M4 7.11 dBV/m	Grid 9 M4 5.59 dBV/m



0 dB = 3.982 V/m = 12.00 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.357 V/m; Power Drift = -0.51 dB

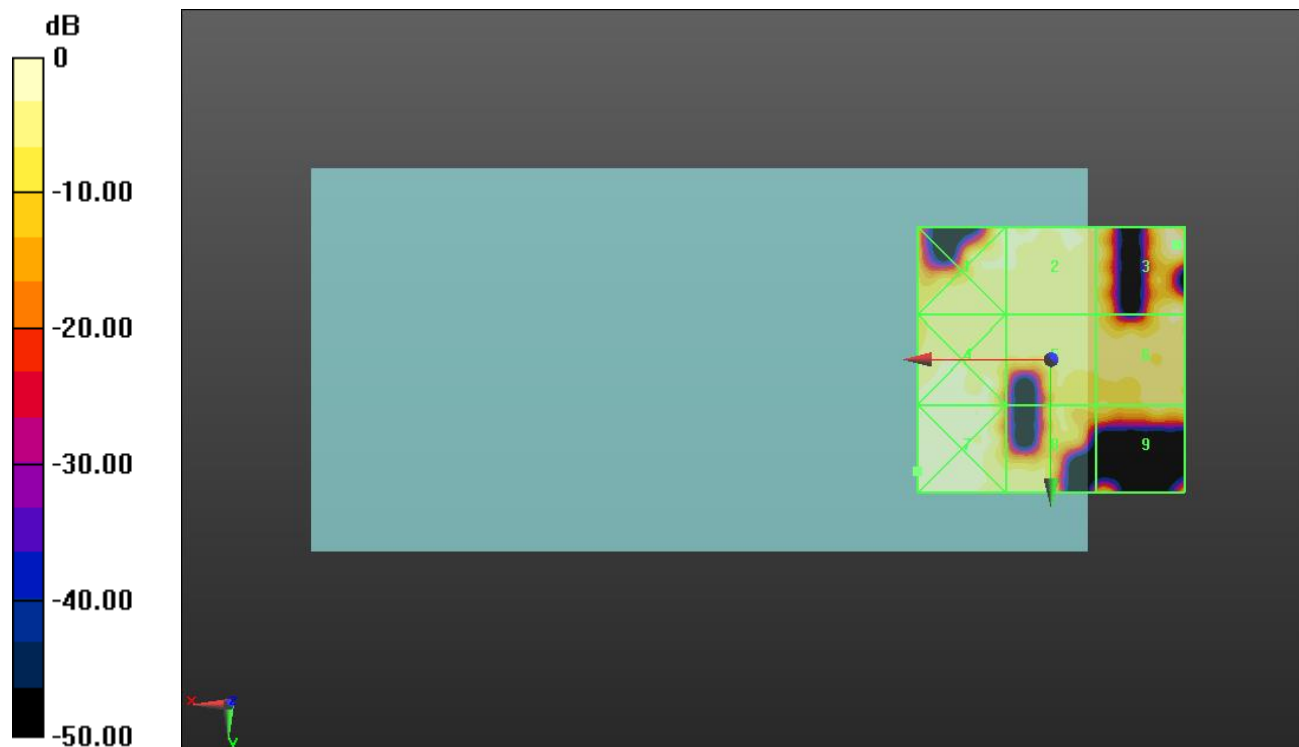
Applied MIF = -5.82 dB

RF audio interference level = 9.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.86 dBV/m	Grid 2 M4 8.86 dBV/m	Grid 3 M4 9.97 dBV/m
Grid 4 M4 8.27 dBV/m	Grid 5 M4 6.01 dBV/m	Grid 6 M4 8.25 dBV/m
Grid 7 M4 10.28 dBV/m	Grid 8 M4 7.42 dBV/m	Grid 9 M4 6.18 dBV/m



0 dB = 3.265 V/m = 10.28 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 124/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.330 V/m; Power Drift = -1.30 dB

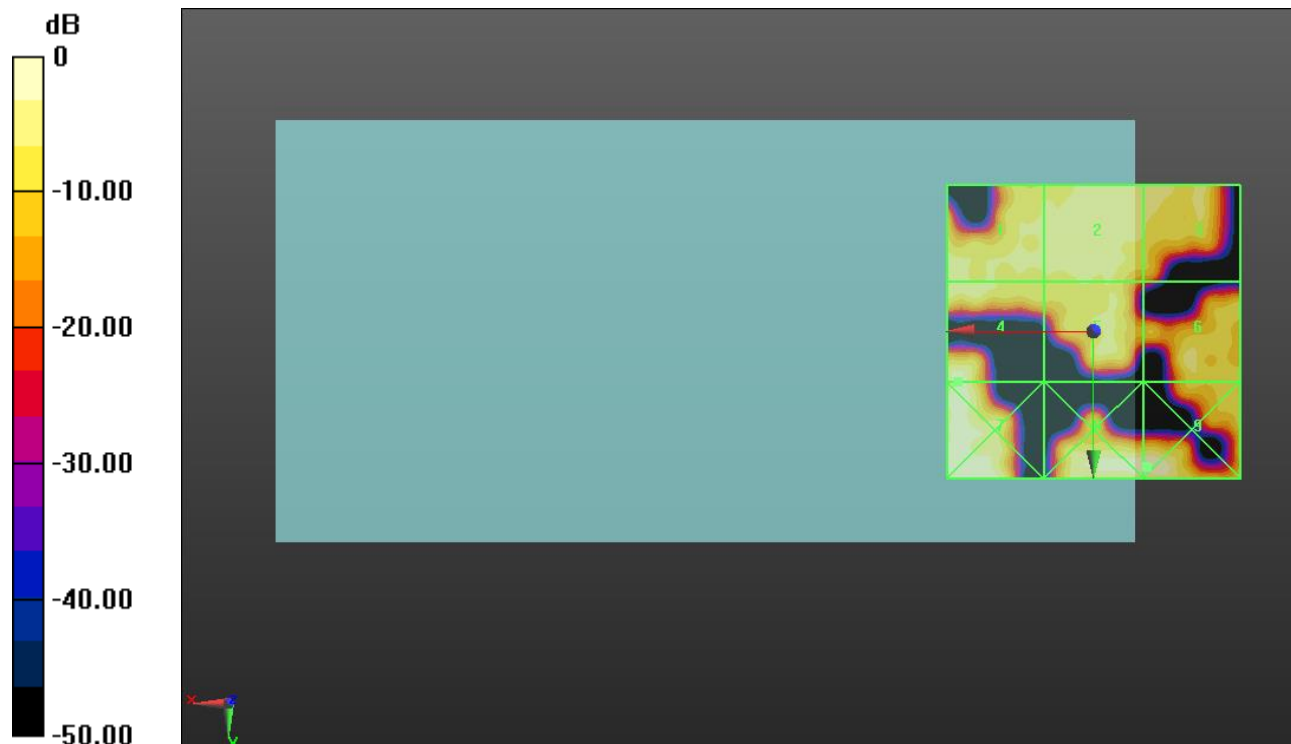
Applied MIF = -5.82 dB

RF audio interference level = 9.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 6.42 dBV/m	Grid 2 M4 7.21 dBV/m	Grid 3 M4 6.82 dBV/m
Grid 4 M4 9.54 dBV/m	Grid 5 M4 6.36 dBV/m	Grid 6 M4 6.3 dBV/m
Grid 7 M4 10.61 dBV/m	Grid 8 M4 11.12 dBV/m	Grid 9 M4 11.18 dBV/m



0 dB = 3.621 V/m = 11.18 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 144/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.983 V/m; Power Drift = 0.02 dB

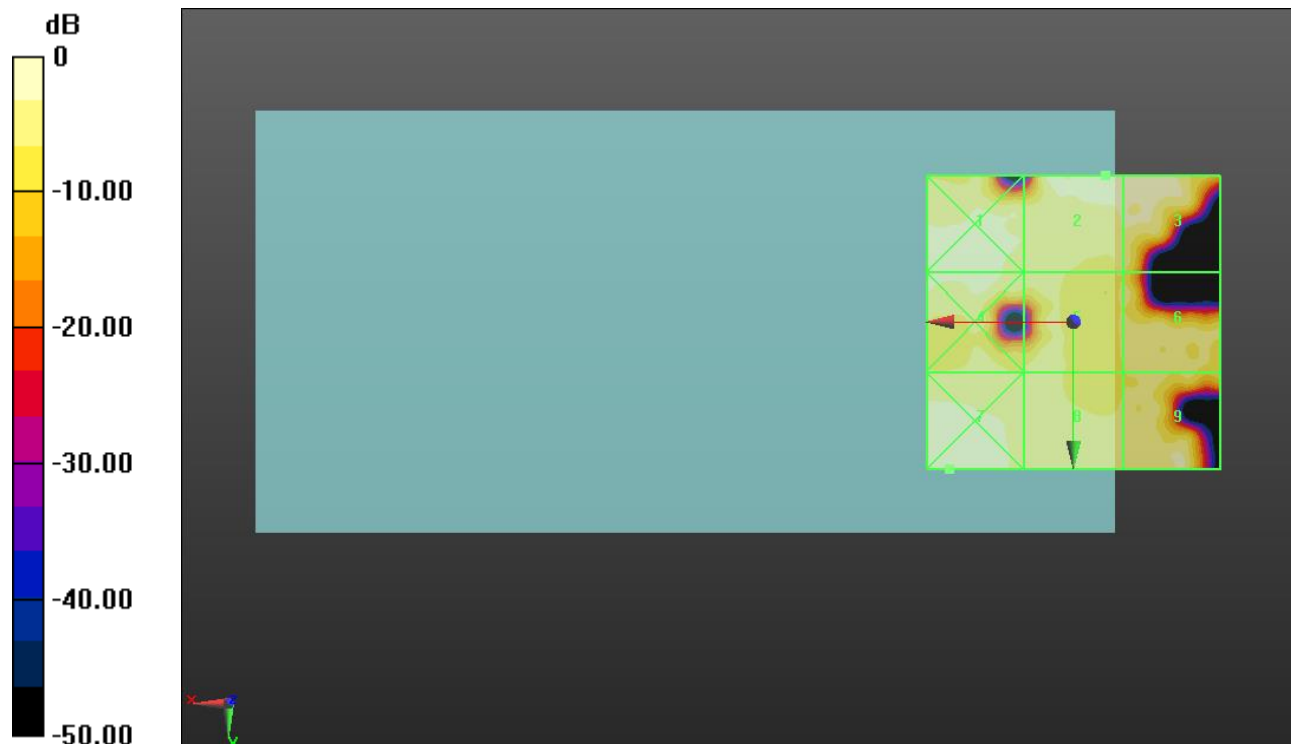
Applied MIF = -5.82 dB

RF audio interference level = 9.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.96 dBV/m	Grid 2 M4 9.53 dBV/m	Grid 3 M4 9.51 dBV/m
Grid 4 M4 8.79 dBV/m	Grid 5 M4 6.27 dBV/m	Grid 6 M4 7.3 dBV/m
Grid 7 M4 11.05 dBV/m	Grid 8 M4 6.87 dBV/m	Grid 9 M4 9.12 dBV/m



0 dB = 3.567 V/m = 11.05 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 3.038 V/m; Power Drift = -0.58 dB

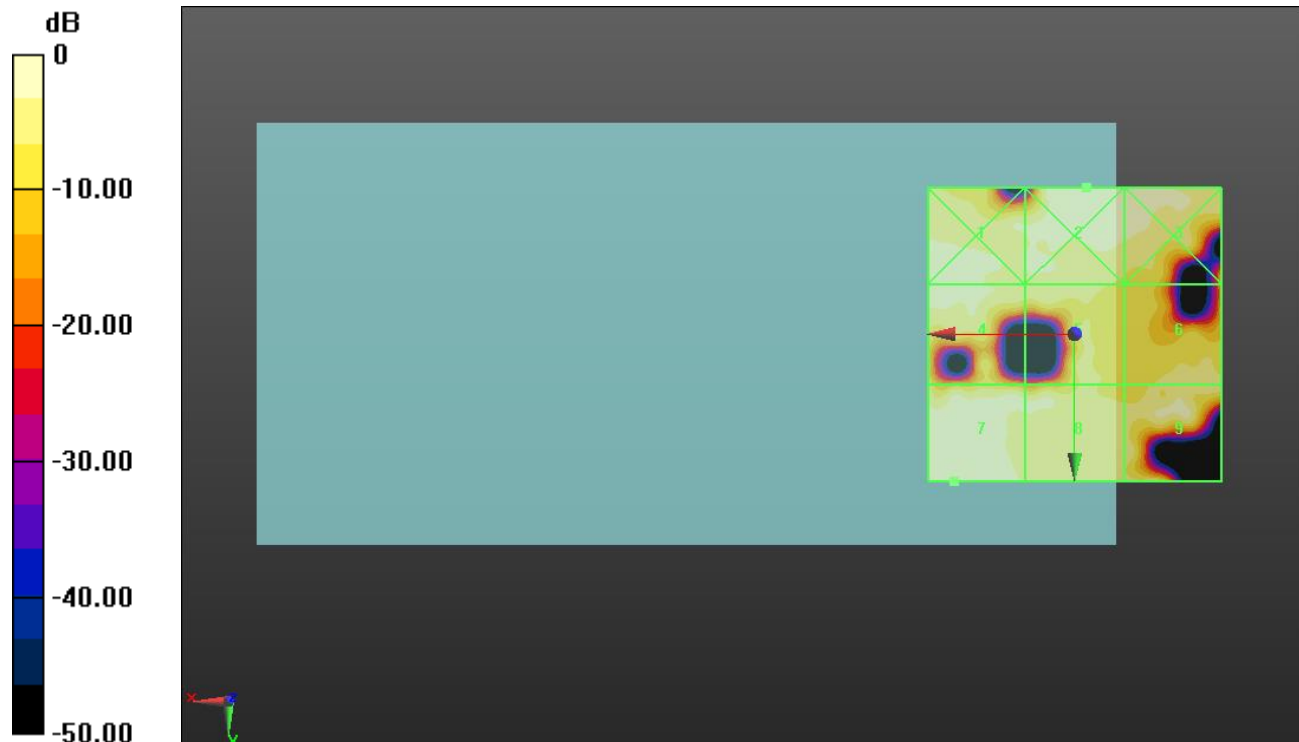
Applied MIF = -5.82 dB

RF audio interference level = 10.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.91 dBV/m	Grid 2 M4 11.01 dBV/m	Grid 3 M4 9.67 dBV/m
Grid 4 M4 8.87 dBV/m	Grid 5 M4 7.53 dBV/m	Grid 6 M4 7.25 dBV/m
Grid 7 M4 10.98 dBV/m	Grid 8 M4 8.9 dBV/m	Grid 9 M4 8.92 dBV/m



0 dB = 3.553 V/m = 11.01 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 2.153 V/m; Power Drift = 0.87 dB

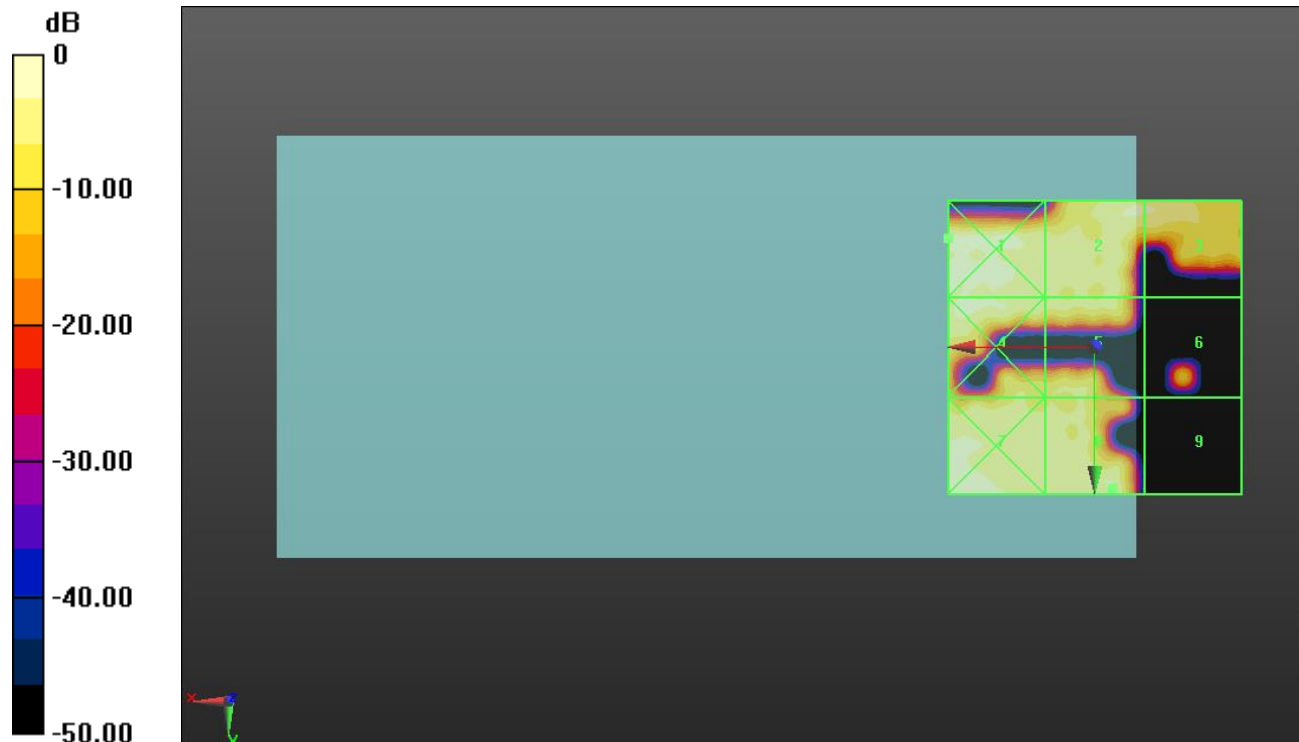
Applied MIF = -5.82 dB

RF audio interference level = 9.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.94 dBV/m	Grid 2 M4 8.96 dBV/m	Grid 3 M4 8.92 dBV/m
Grid 4 M4 9.29 dBV/m	Grid 5 M4 7.24 dBV/m	Grid 6 M4 1.28 dBV/m
Grid 7 M4 9.75 dBV/m	Grid 8 M4 9.1 dBV/m	Grid 9 M4 -30.99 dBV/m



0 dB = 3.953 V/m = 11.94 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 165/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 2.260 V/m; Power Drift = -1.95 dB

Applied MIF = -5.82 dB

RF audio interference level = 8.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8 dBV/m	Grid 2 M4 8.63 dBV/m	Grid 3 M4 8.66 dBV/m
Grid 4 M4 7.48 dBV/m	Grid 5 M4 5.93 dBV/m	Grid 6 M4 0.63 dBV/m
Grid 7 M4 9.81 dBV/m	Grid 8 M4 6.1 dBV/m	Grid 9 M4 1.85 dBV/m



0 dB = 3.093 V/m = 9.81 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 = 10.16 V/m; Power Drift = -0.02 dB

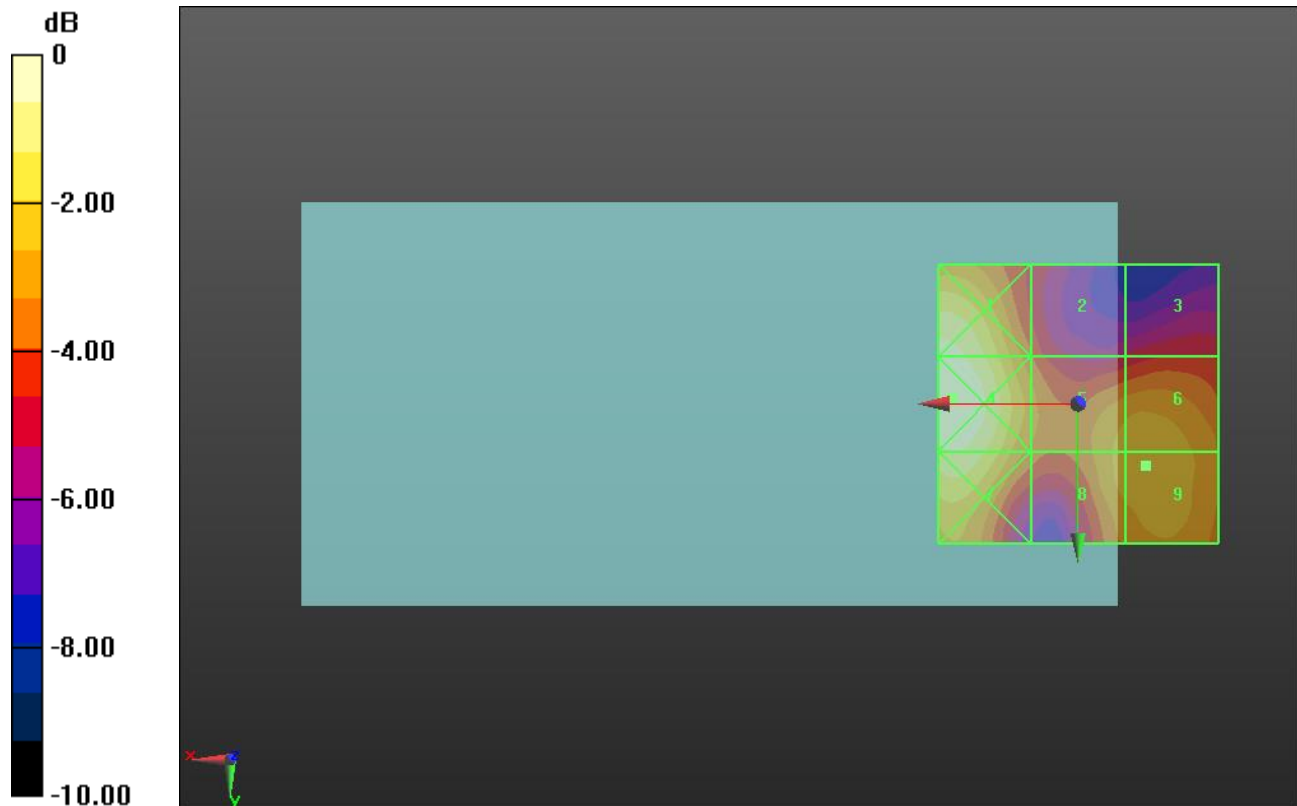
Applied MIF = -1.44 dB

RF audio interference level = 19.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.22 dBV/m	Grid 2 M4 17.72 dBV/m	Grid 3 M4 16.98 dBV/m
Grid 4 M4 21.58 dBV/m	Grid 5 M4 19.26 dBV/m	Grid 6 M4 19.46 dBV/m
Grid 7 M4 20.92 dBV/m	Grid 8 M4 19.27 dBV/m	Grid 9 M4 19.49 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.506 V/m; Power Drift = -0.26 dB

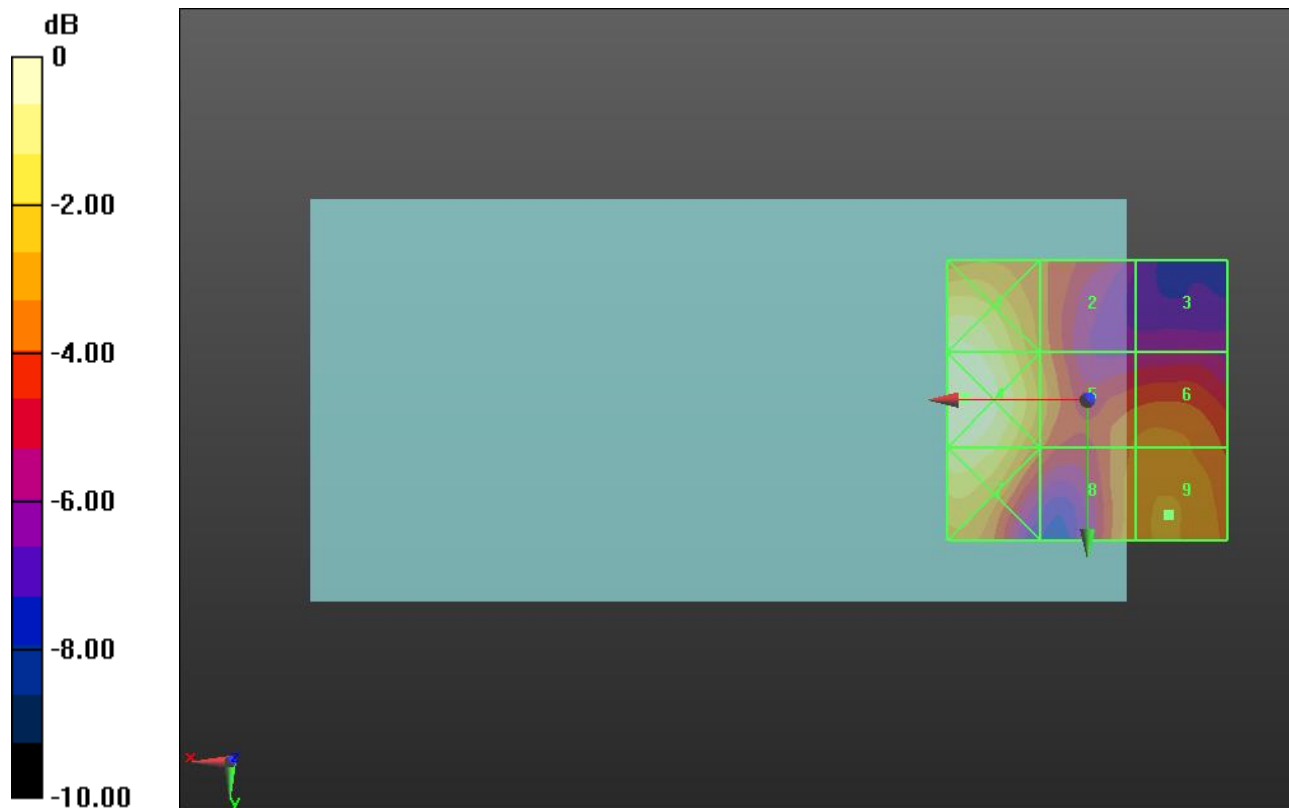
Applied MIF = -1.44 dB

RF audio interference level = 18.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.87 dBV/m	Grid 2 M4 17.95 dBV/m	Grid 3 M4 15.51 dBV/m
Grid 4 M4 21.3 dBV/m	Grid 5 M4 18.51 dBV/m	Grid 6 M4 18.32 dBV/m
Grid 7 M4 20.59 dBV/m	Grid 8 M4 18.36 dBV/m	Grid 9 M4 18.76 dBV/m



0 dB = 11.62 V/m = 21.30 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 = 7.980 V/m; Power Drift = -0.12 dB

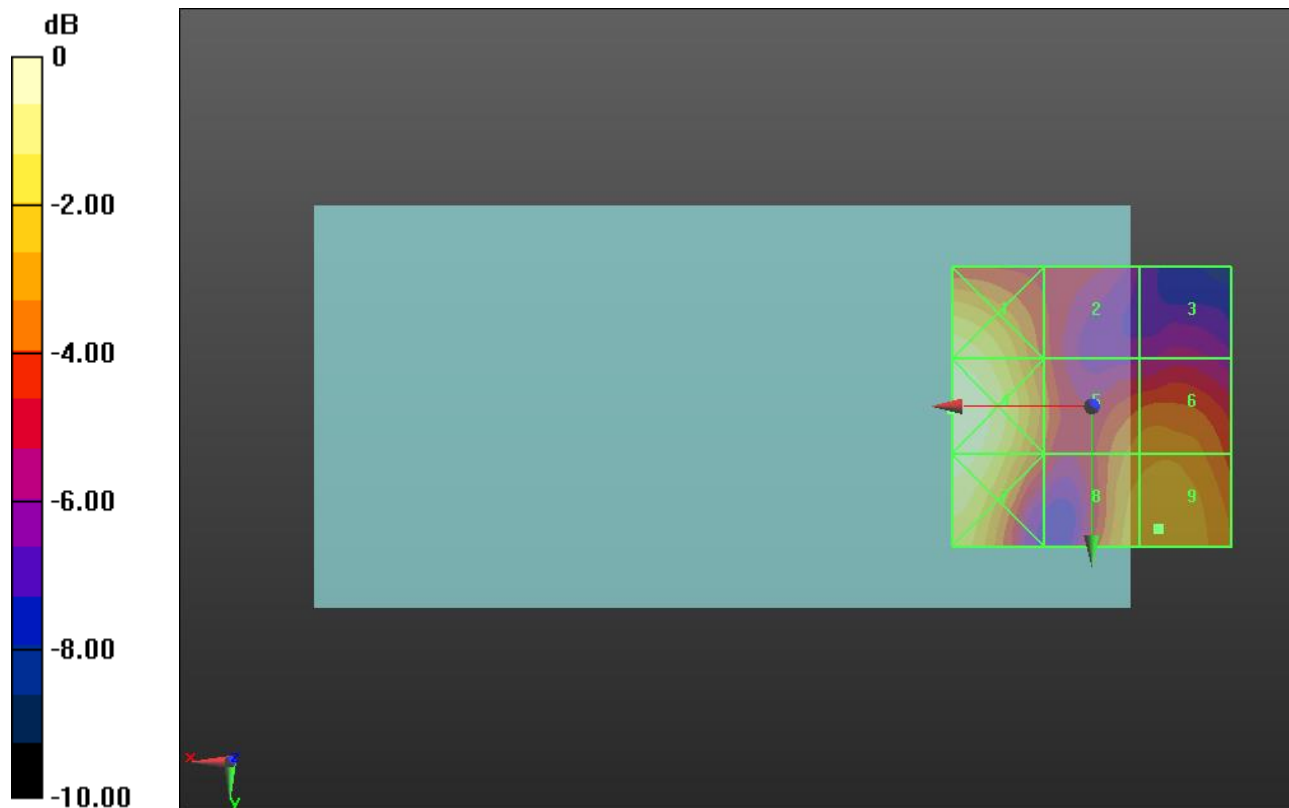
Applied MIF = -1.44 dB

RF audio interference level = 19.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.7 dBV/m	Grid 2 M4 17.21 dBV/m	Grid 3 M4 15.84 dBV/m
Grid 4 M4 21.43 dBV/m	Grid 5 M4 18.44 dBV/m	Grid 6 M4 18.66 dBV/m
Grid 7 M4 21.09 dBV/m	Grid 8 M4 19.24 dBV/m	Grid 9 M4 19.41 dBV/m



0 dB = 11.78 V/m = 21.42 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 = 9.656 V/m; Power Drift = 0.03 dB

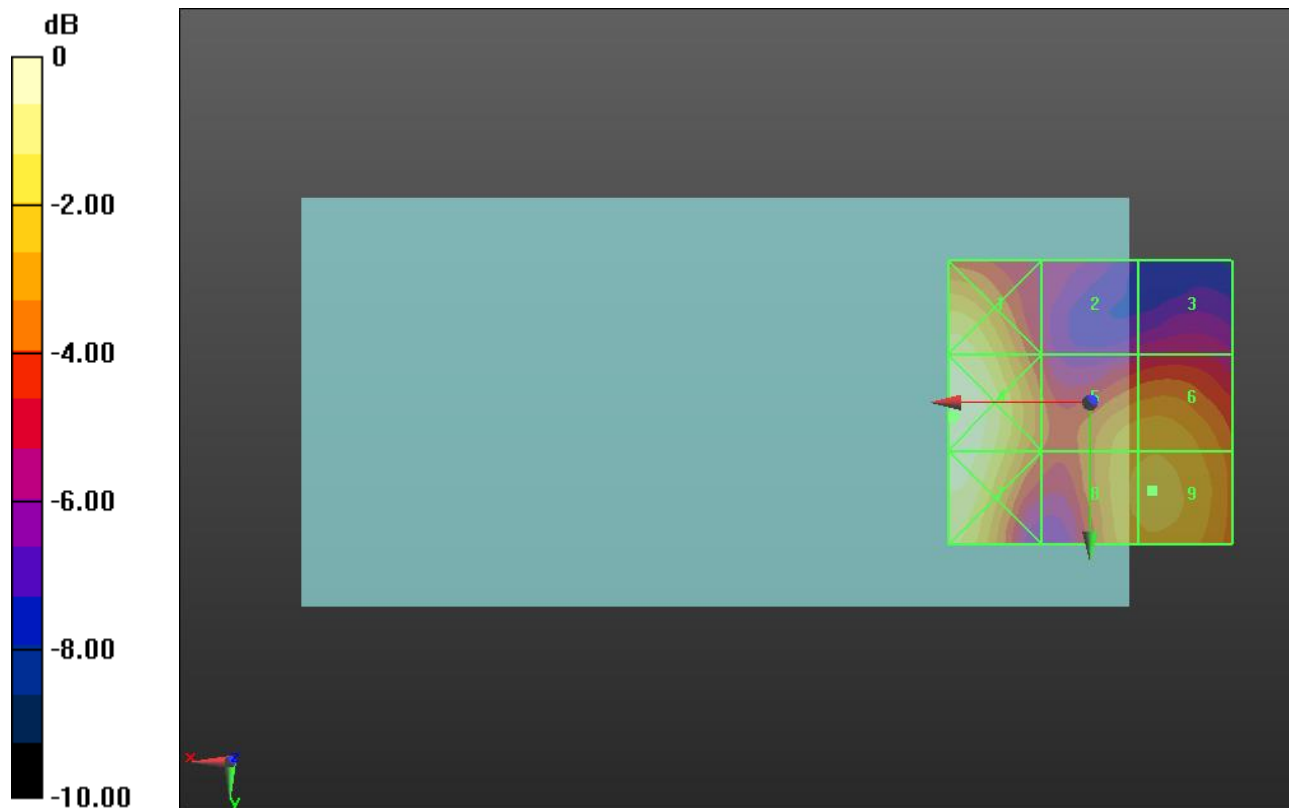
Applied MIF = -1.44 dB

RF audio interference level = 20.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.38 dBV/m	Grid 2 M4 17.2 dBV/m	Grid 3 M4 17.04 dBV/m
Grid 4 M4 22.2 dBV/m	Grid 5 M4 20.11 dBV/m	Grid 6 M4 20.18 dBV/m
Grid 7 M4 22.06 dBV/m	Grid 8 M4 20.35 dBV/m	Grid 9 M4 20.47 dBV/m



0 dB = 12.88 V/m = 22.20 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 37.59 V/m; Power Drift = -0.10 dB

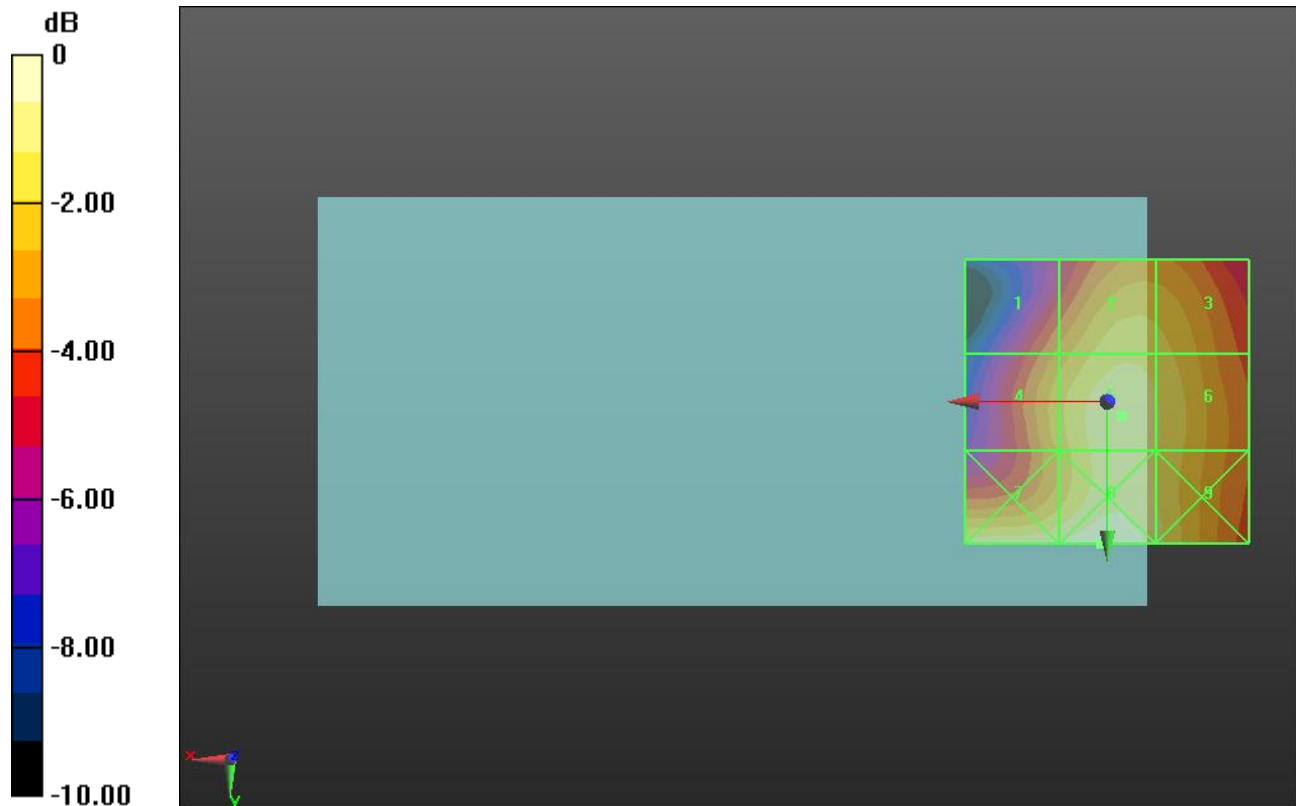
Applied MIF = -1.44 dB

RF audio interference level = 27.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.04 dBV/m	Grid 2 M4 26.68 dBV/m	Grid 3 M4 26.47 dBV/m
Grid 4 M4 25.95 dBV/m	Grid 5 M4 27.3 dBV/m	Grid 6 M4 26.89 dBV/m
Grid 7 M4 27.64 dBV/m	Grid 8 M4 28.13 dBV/m	Grid 9 M4 27.15 dBV/m



0 dB = 25.49 V/m = 28.13 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 = 32.92 V/m; Power Drift = 0.03 dB

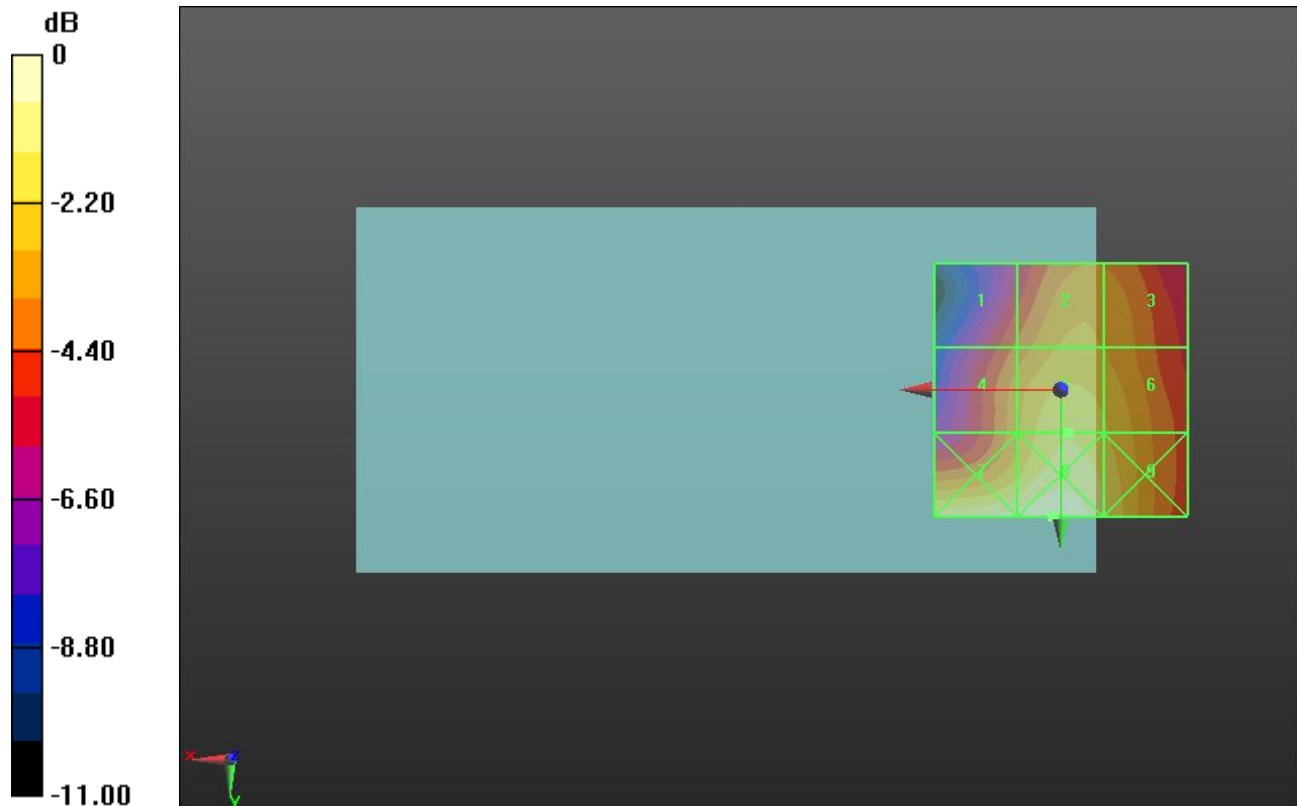
Applied MIF = -1.44 dB

RF audio interference level = 26.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.15 dBV/m	Grid 2 M4 25.59 dBV/m	Grid 3 M4 25.38 dBV/m
Grid 4 M4 25.28 dBV/m	Grid 5 M4 26.79 dBV/m	Grid 6 M4 26.26 dBV/m
Grid 7 M4 28.02 dBV/m	Grid 8 M4 28.33 dBV/m	Grid 9 M4 27.03 dBV/m



0 dB = 26.09 V/m = 28.33 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 = 28.77 V/m; Power Drift = 0.00 dB

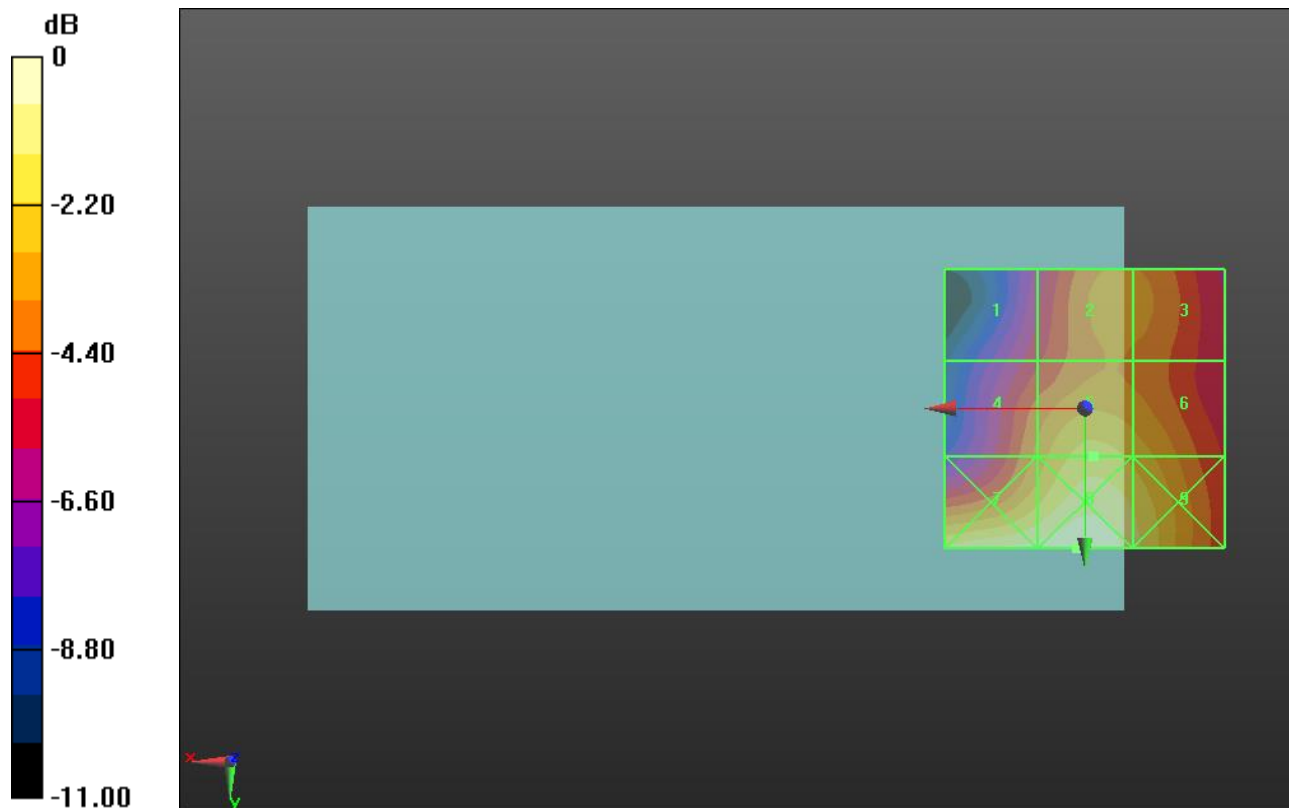
Applied MIF = -1.44 dB

RF audio interference level = 26.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 24.87 dBV/m	Grid 3 M4 24.79 dBV/m
Grid 4 M4 24.75 dBV/m	Grid 5 M4 26.3 dBV/m	Grid 6 M4 25.76 dBV/m
Grid 7 M4 27.83 dBV/m	Grid 8 M4 28.15 dBV/m	Grid 9 M4 27.01 dBV/m



0 dB = 25.56 V/m = 28.15 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.04 V/m; Power Drift = 0.04 dB

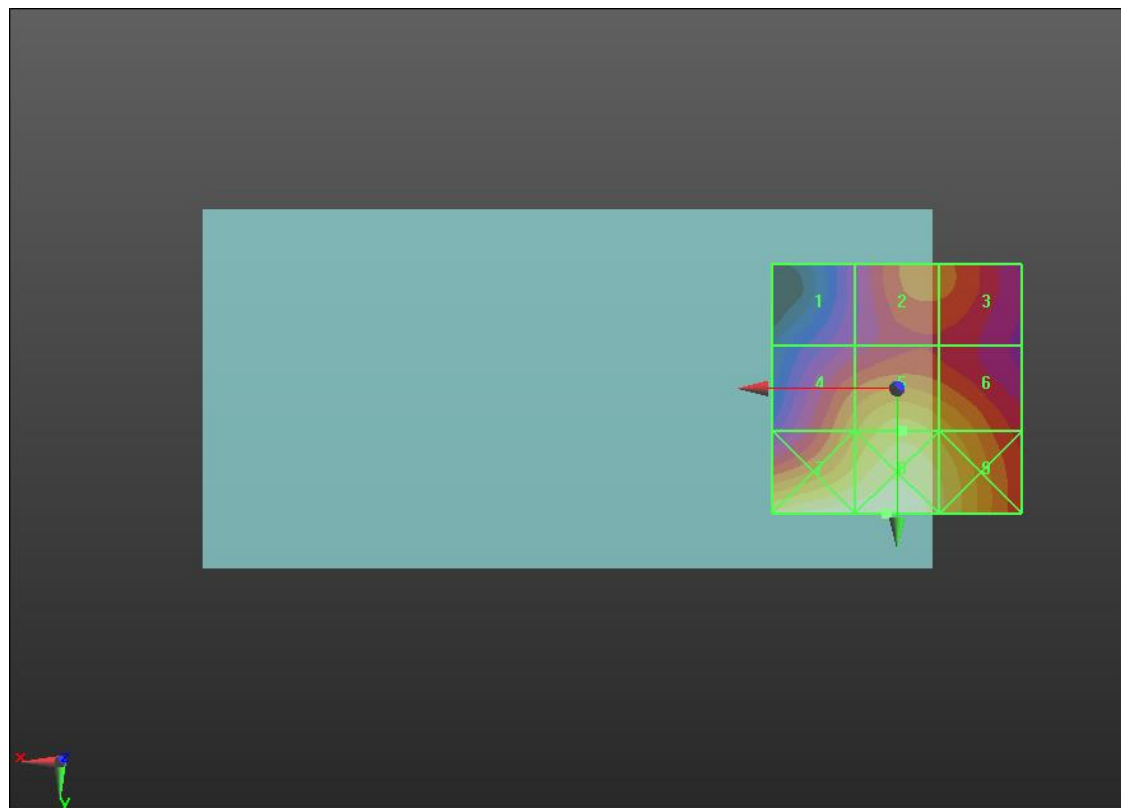
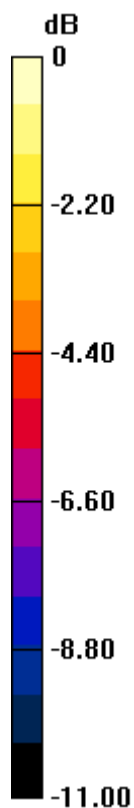
Applied MIF = -1.44 dB

RF audio interference level = 25.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.36 dBV/m	Grid 2 M4 23.65 dBV/m	Grid 3 M4 23.56 dBV/m
Grid 4 M4 24.6 dBV/m	Grid 5 M4 25.88 dBV/m	Grid 6 M4 25.21 dBV/m
Grid 7 M4 27.54 dBV/m	Grid 8 M4 27.66 dBV/m	Grid 9 M4 26.45 dBV/m



0 dB = 24.16 V/m = 27.66 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 = 4.788 V/m; Power Drift = -0.36 dB

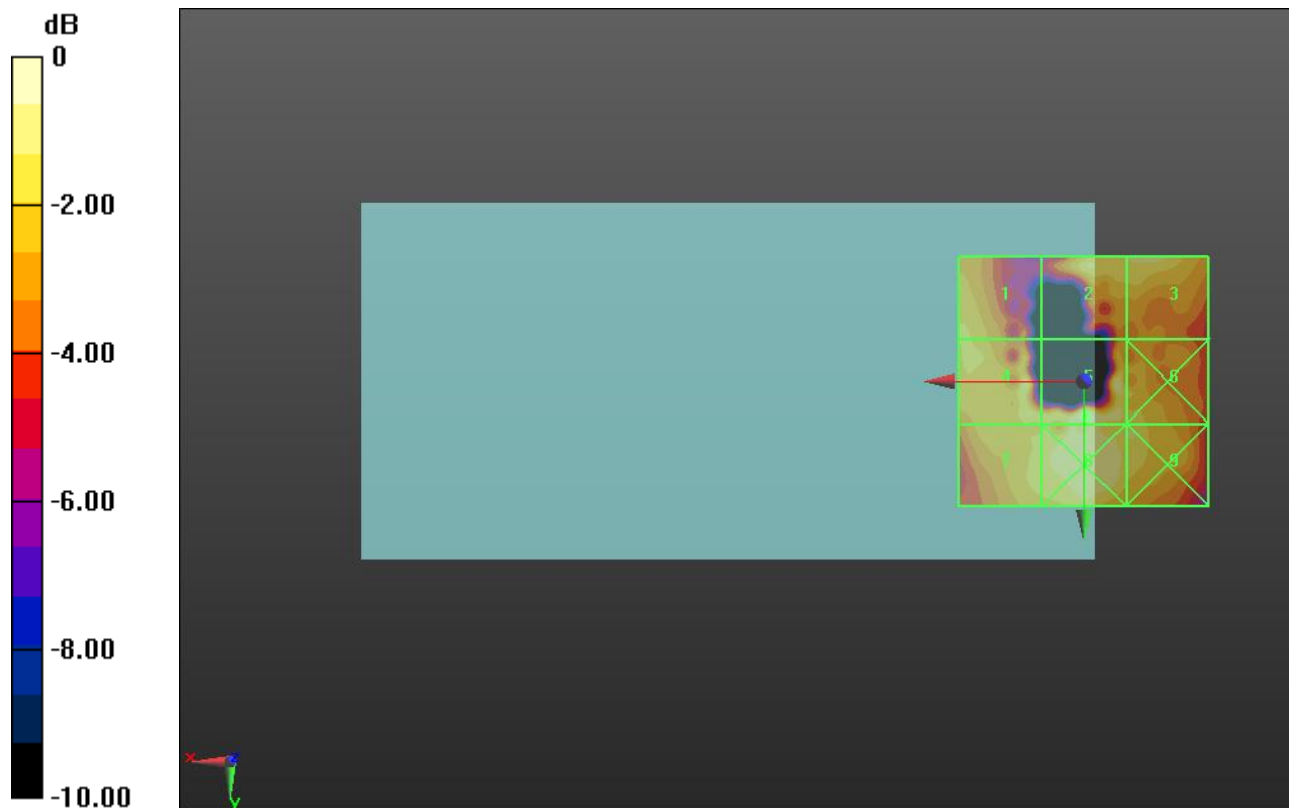
Applied MIF = -1.44 dB

RF audio interference level = 14.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.12 dBV/m	Grid 2 M4 12.81 dBV/m	Grid 3 M4 13.04 dBV/m
Grid 4 M4 12.81 dBV/m	Grid 5 M4 14.03 dBV/m	Grid 6 M4 12.56 dBV/m
Grid 7 M4 12.42 dBV/m	Grid 8 M4 13.38 dBV/m	Grid 9 M4 12.75 dBV/m



0 dB = 5.029 V/m = 14.03 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.476 V/m; Power Drift = -0.85 dB

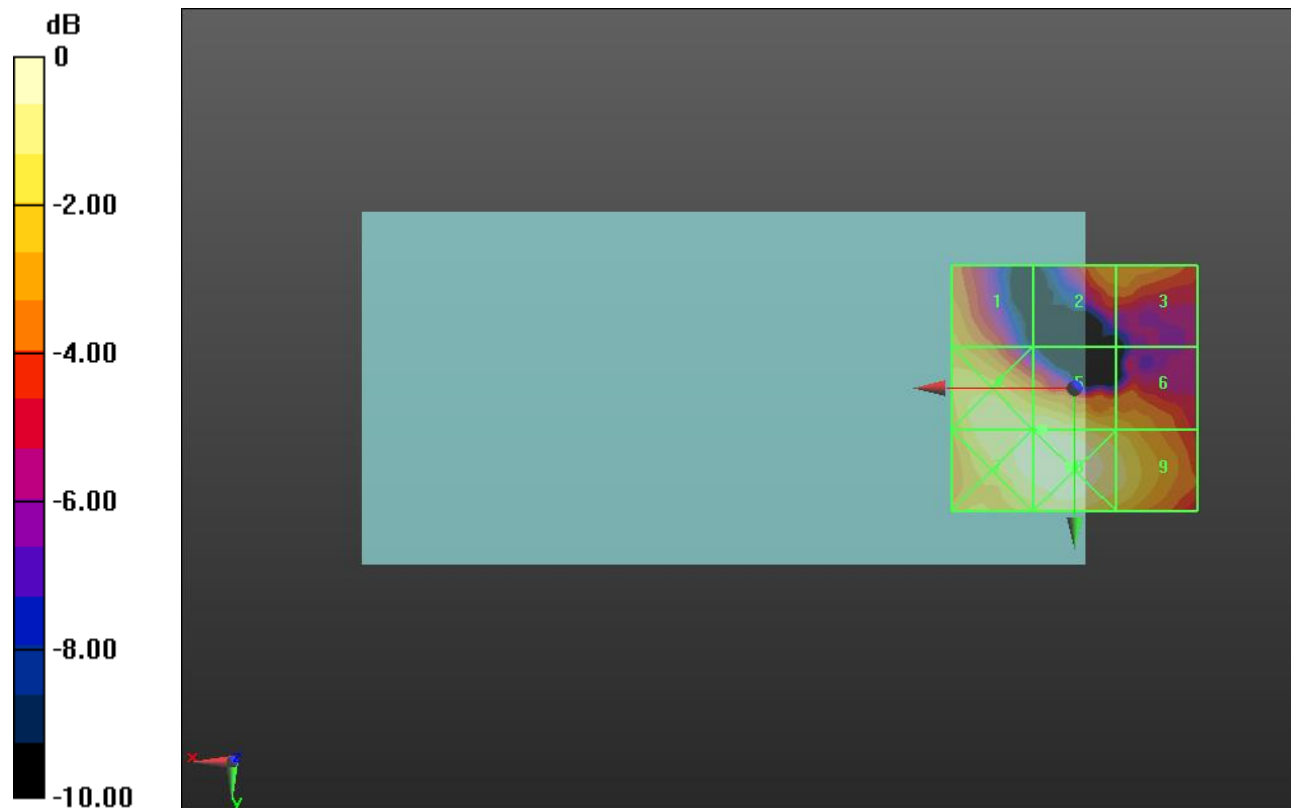
Applied MIF = -1.44 dB

RF audio interference level = 14.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.18 dBV/m	Grid 2 M4 12.64 dBV/m	Grid 3 M4 12.55 dBV/m
Grid 4 M4 14.83 dBV/m	Grid 5 M4 14.85 dBV/m	Grid 6 M4 13.49 dBV/m
Grid 7 M4 15.28 dBV/m	Grid 8 M4 15.52 dBV/m	Grid 9 M4 14.5 dBV/m



0 dB = 5.971 V/m = 15.52 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 = 6.208 V/m; Power Drift = -0.42 dB

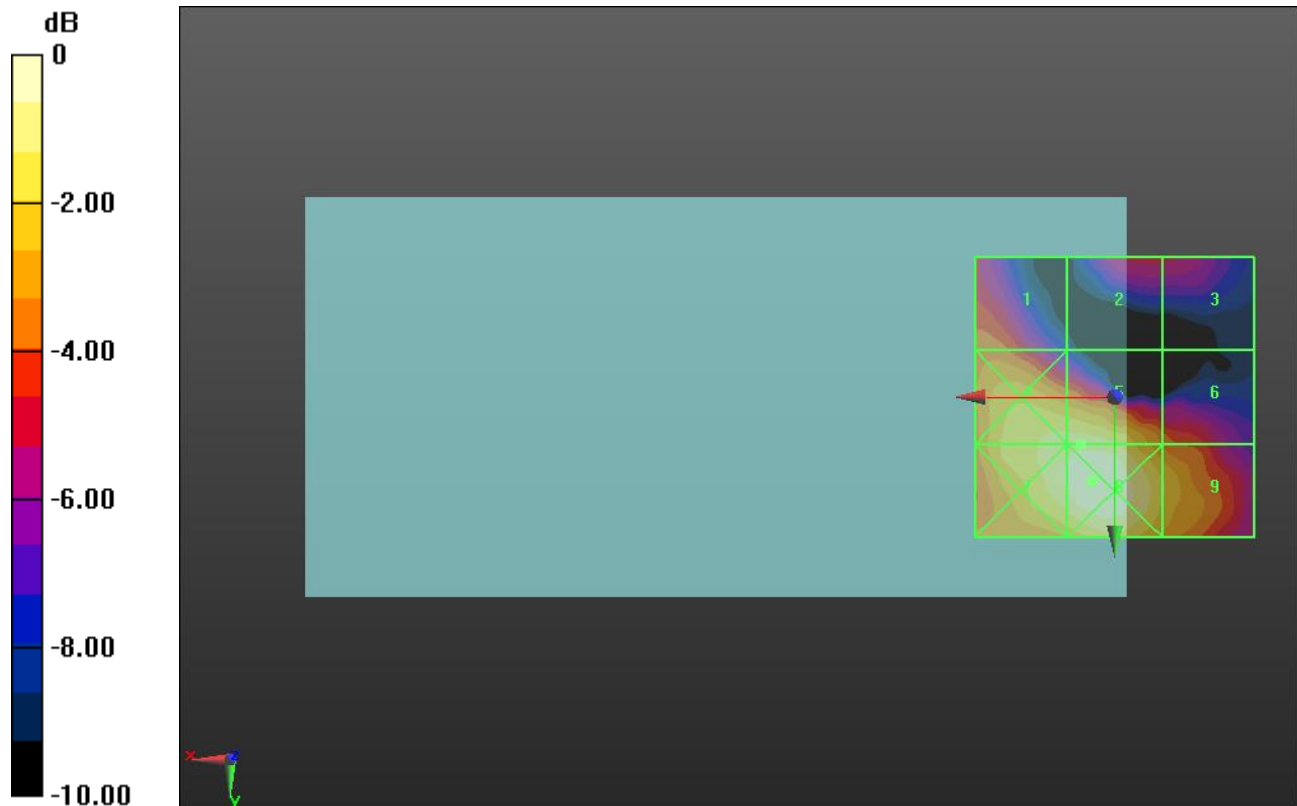
Applied MIF = -1.44 dB

RF audio interference level = 16.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.95 dBV/m	Grid 2 M4 12.43 dBV/m	Grid 3 M4 12.39 dBV/m
Grid 4 M4 16.54 dBV/m	Grid 5 M4 16.66 dBV/m	Grid 6 M4 14.15 dBV/m
Grid 7 M4 16.99 dBV/m	Grid 8 M4 17.53 dBV/m	Grid 9 M4 15.65 dBV/m



0 dB = 7.522 V/m = 17.53 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 = 7.809 V/m; Power Drift = -0.36 dB

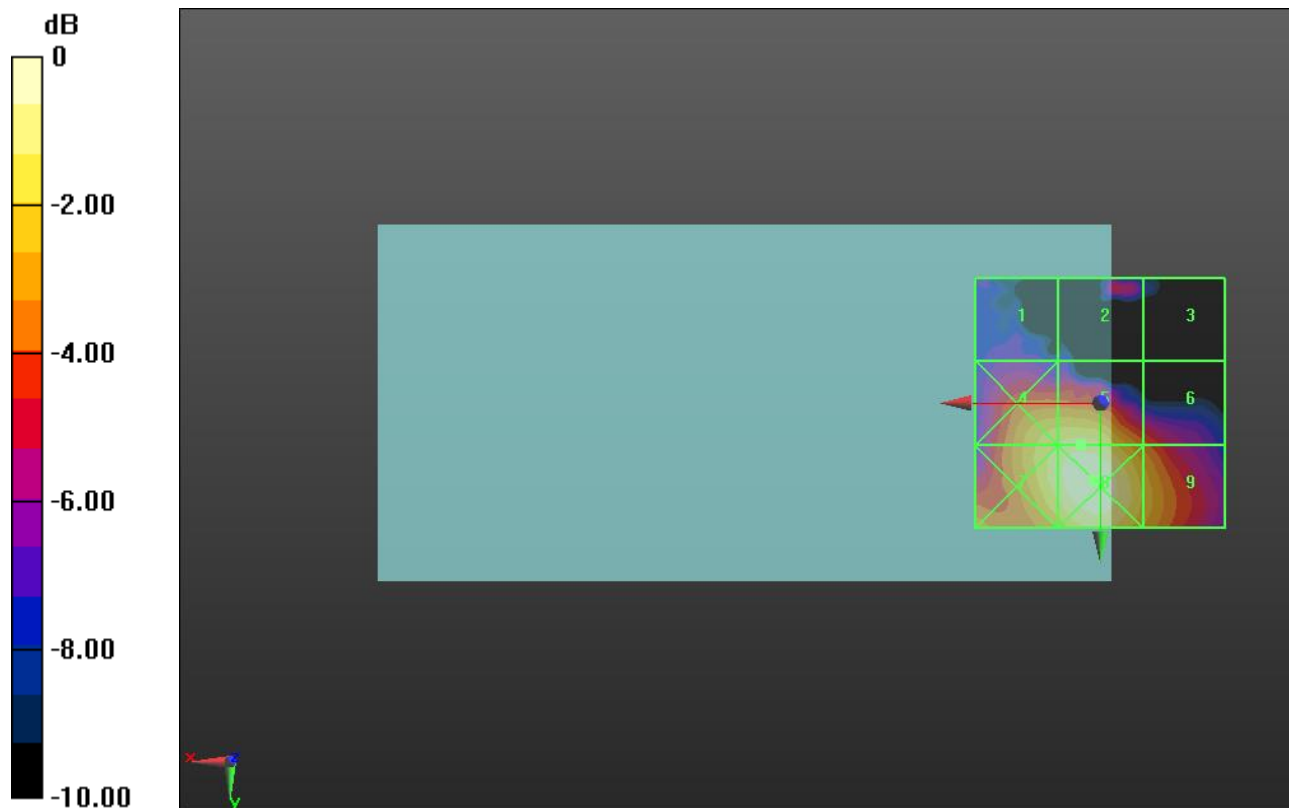
Applied MIF = -1.44 dB

RF audio interference level = 18.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.41 dBV/m	Grid 2 M4 13.81 dBV/m	Grid 3 M4 11.37 dBV/m
Grid 4 M4 17.65 dBV/m	Grid 5 M4 18 dBV/m	Grid 6 M4 15.32 dBV/m
Grid 7 M4 18.07 dBV/m	Grid 8 M4 18.91 dBV/m	Grid 9 M4 16.84 dBV/m



0 dB = 8.826 V/m = 18.92 dBV/m

