

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 = 30.42 V/m; Power Drift = -0.03 dB

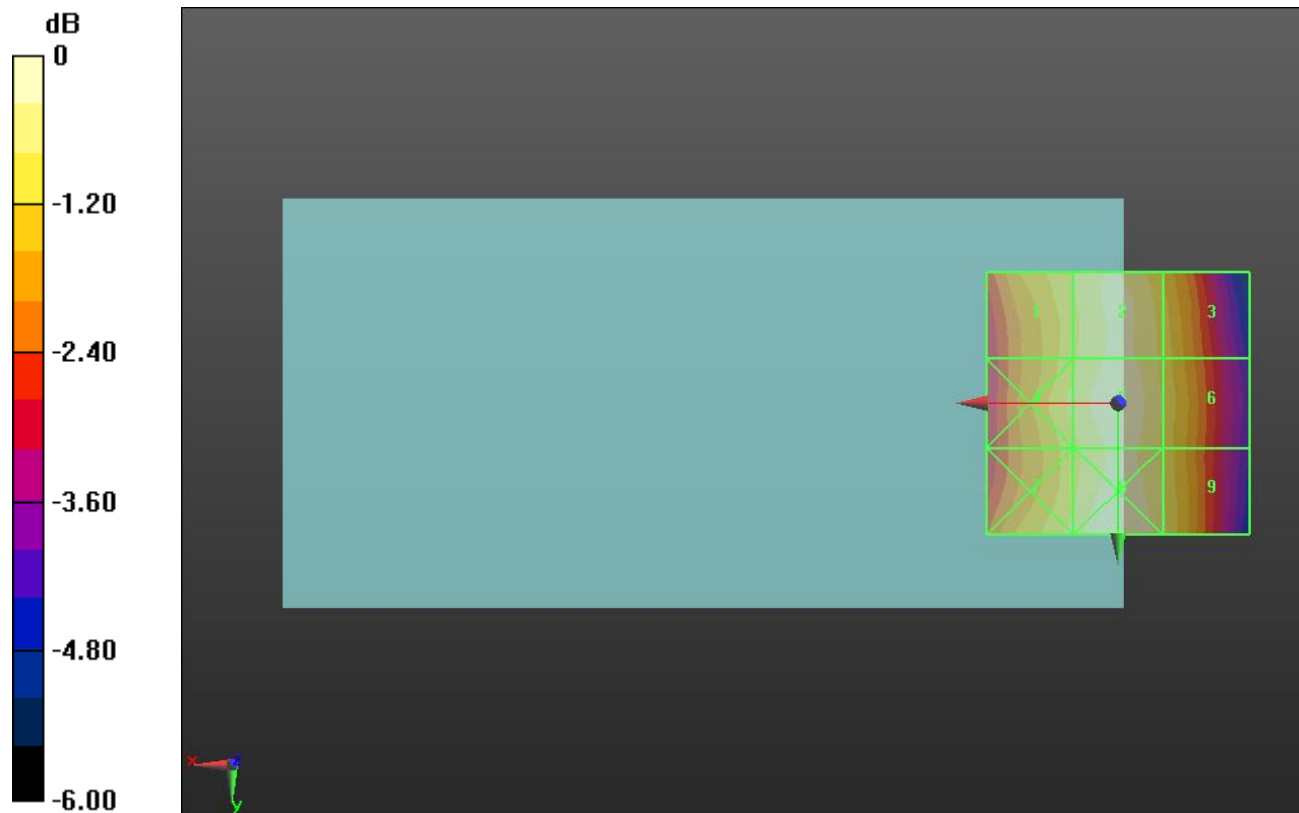
Applied MIF = 3.63 dB

RF audio interference level = 30.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.1 dBV/m	Grid 2 M4 30.55 dBV/m	Grid 3 M4 29.96 dBV/m
Grid 4 M4 30.22 dBV/m	Grid 5 M4 30.73 dBV/m	Grid 6 M4 30.07 dBV/m
Grid 7 M4 30.27 dBV/m	Grid 8 M4 30.88 dBV/m	Grid 9 M4 30.21 dBV/m



0 dB = 34.97 V/m = 30.87 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 = 31.43 V/m; Power Drift = -0.03 dB

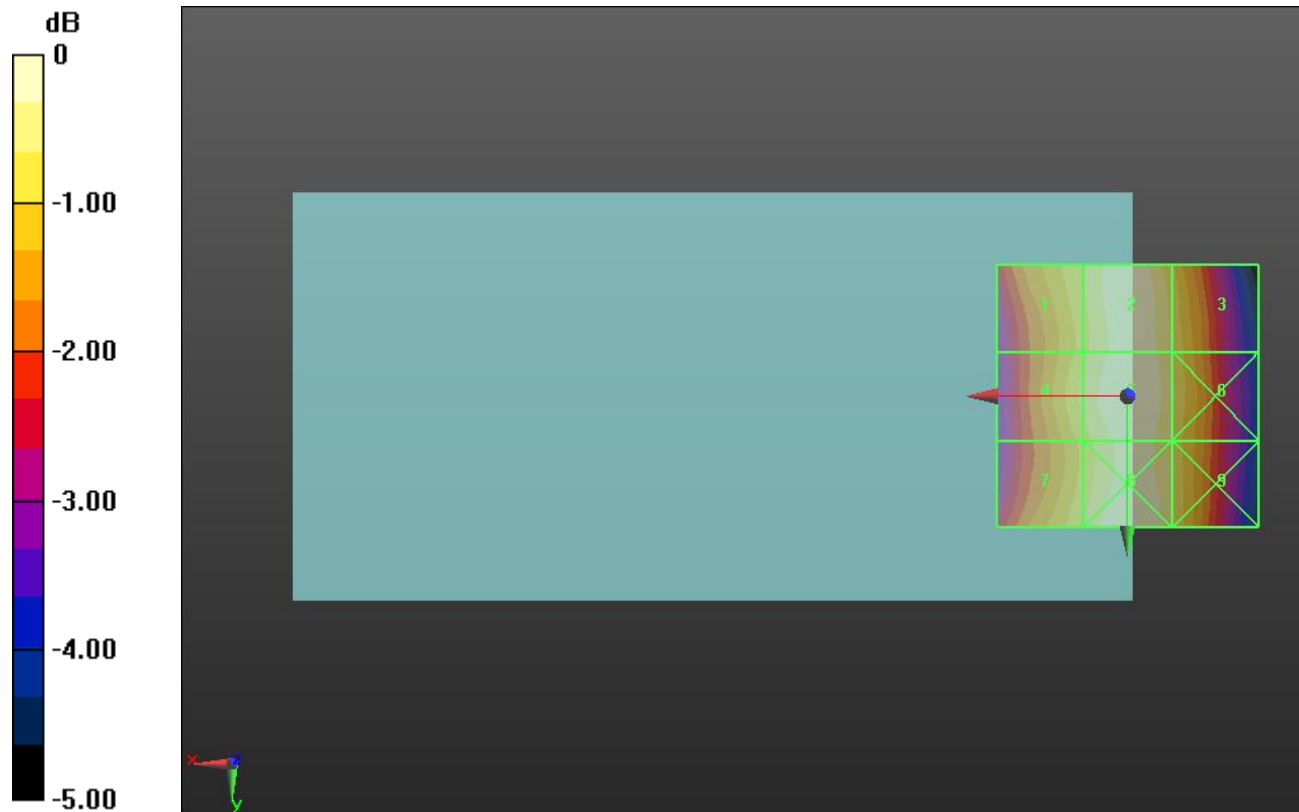
Applied MIF = 3.63 dB

RF audio interference level = 31.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.43 dBV/m	Grid 2 M4 30.93 dBV/m	Grid 3 M4 30.39 dBV/m
Grid 4 M4 30.48 dBV/m	Grid 5 M4 31.05 dBV/m	Grid 6 M4 30.45 dBV/m
Grid 7 M4 30.4 dBV/m	Grid 8 M4 31.03 dBV/m	Grid 9 M4 30.46 dBV/m



0 dB = 35.69 V/m = 31.05 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 = 30.57 V/m; Power Drift = 0.03 dB

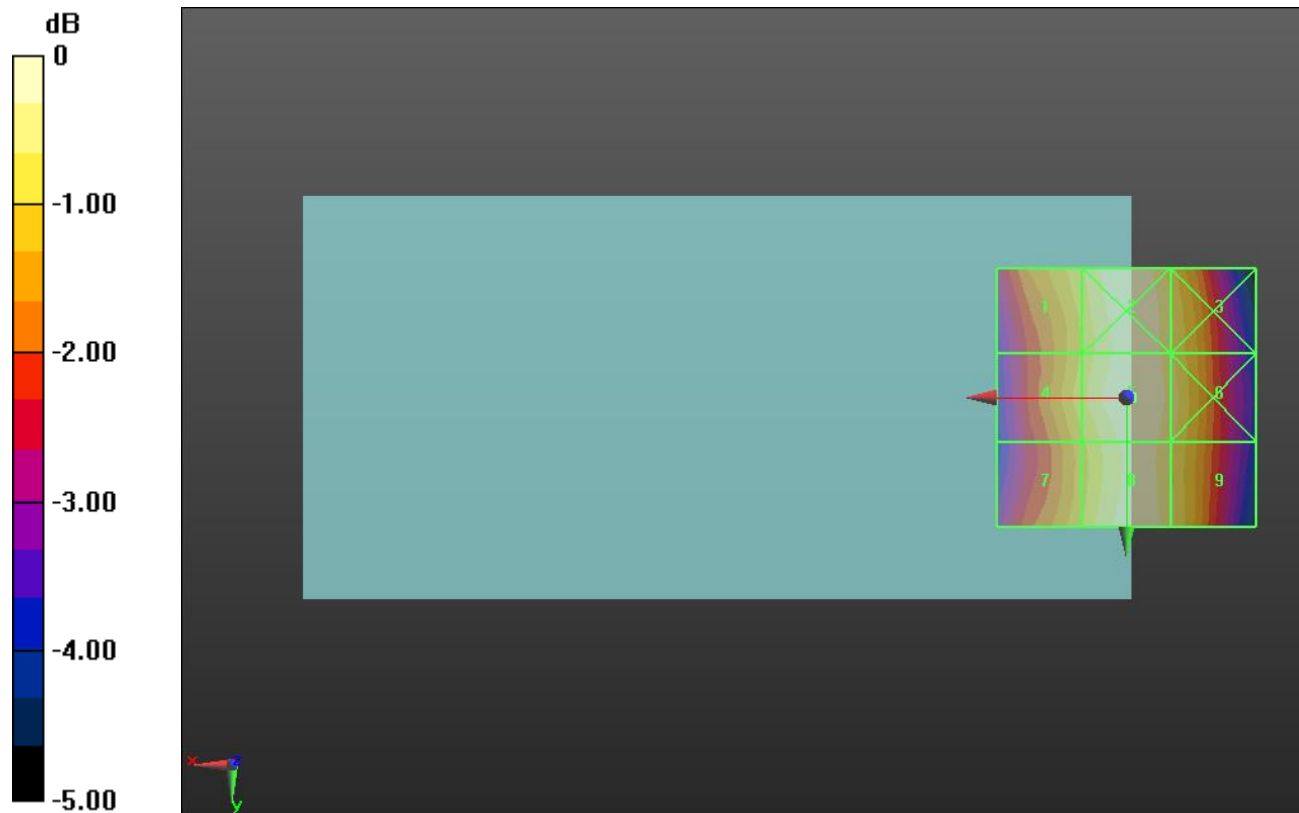
Applied MIF = 3.63 dB

RF audio interference level = 30.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.13 dBV/m	Grid 2 M4 30.74 dBV/m	Grid 3 M4 30.27 dBV/m
Grid 4 M4 30.08 dBV/m	Grid 5 M4 30.83 dBV/m	Grid 6 M4 30.37 dBV/m
Grid 7 M4 29.88 dBV/m	Grid 8 M4 30.71 dBV/m	Grid 9 M4 30.29 dBV/m



0 dB = 34.79 V/m = 30.83 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.10 V/m; Power Drift = 0.04 dB

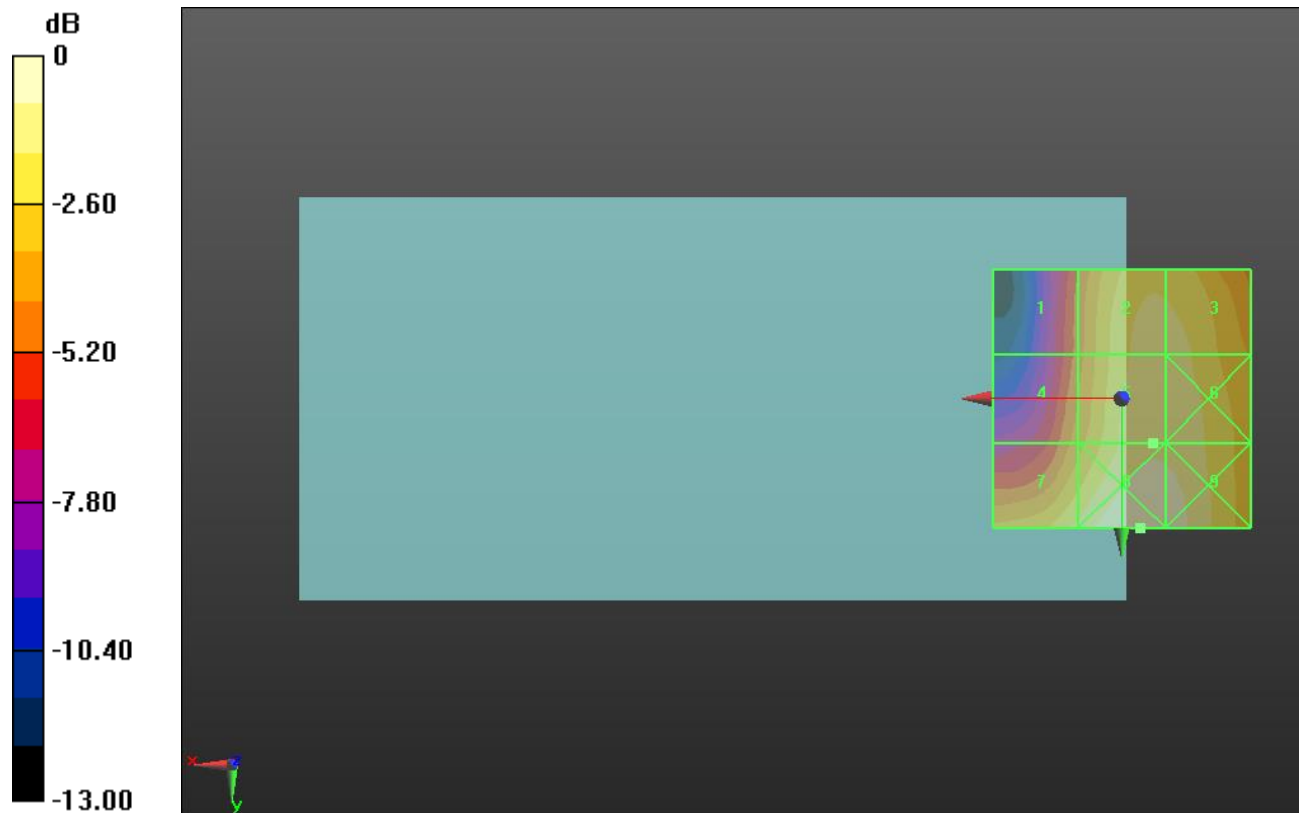
Applied MIF = 3.63 dB

RF audio interference level = 26.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.78 dBV/m	Grid 2 M4 26.16 dBV/m	Grid 3 M4 26.14 dBV/m
Grid 4 M4 23.71 dBV/m	Grid 5 M4 26.55 dBV/m	Grid 6 M4 26.48 dBV/m
Grid 7 M4 26.08 dBV/m	Grid 8 M4 27.54 dBV/m	Grid 9 M4 27.29 dBV/m



0 dB = 23.81 V/m = 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 = 16.28 V/m; Power Drift = -0.01 dB

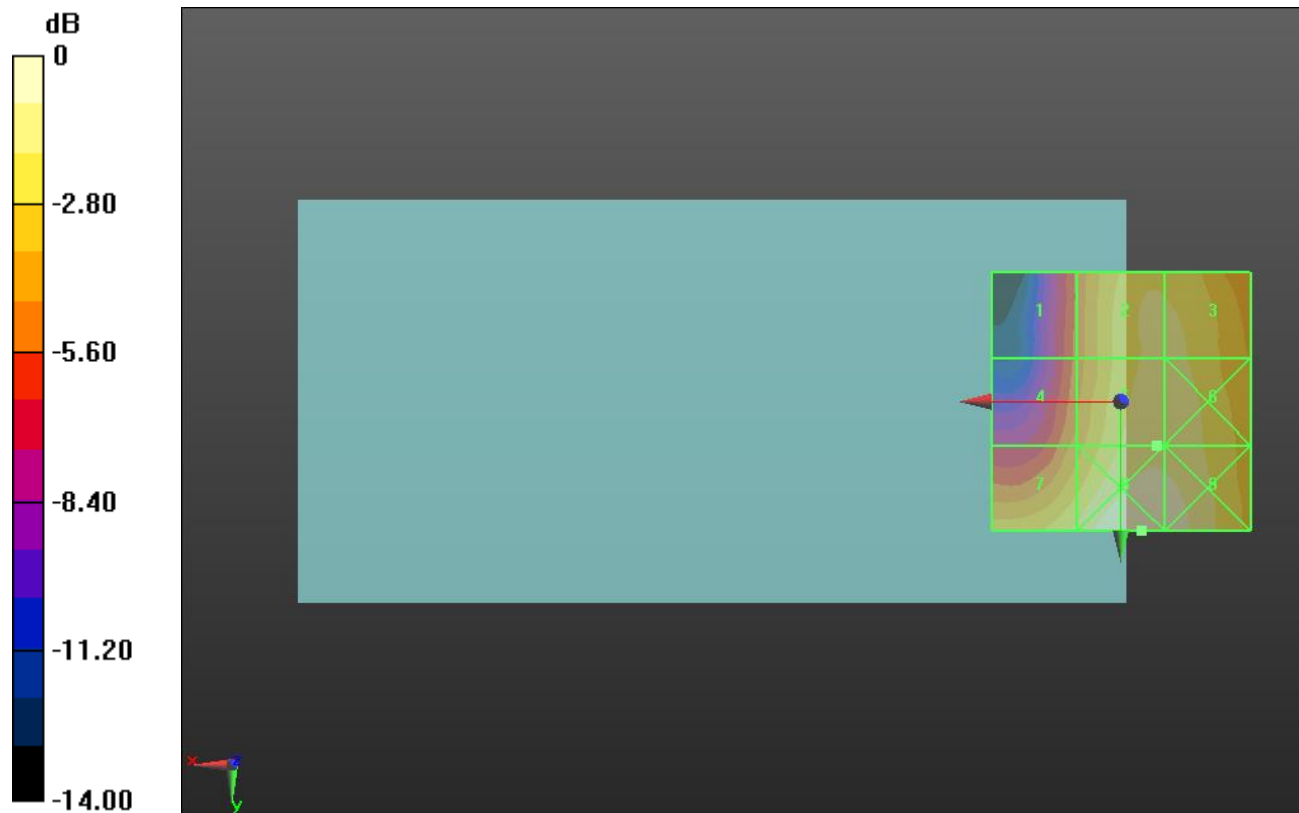
Applied MIF = 3.63 dB

RF audio interference level = 26.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.86 dBV/m	Grid 2 M4 26.41 dBV/m	Grid 3 M4 26.41 dBV/m
Grid 4 M4 23.91 dBV/m	Grid 5 M4 26.89 dBV/m	Grid 6 M4 26.86 dBV/m
Grid 7 M4 26.5 dBV/m	Grid 8 M4 28.05 dBV/m	Grid 9 M4 27.8 dBV/m



0 dB = 25.28 V/m = 28.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.77 V/m; Power Drift = -0.06 dB

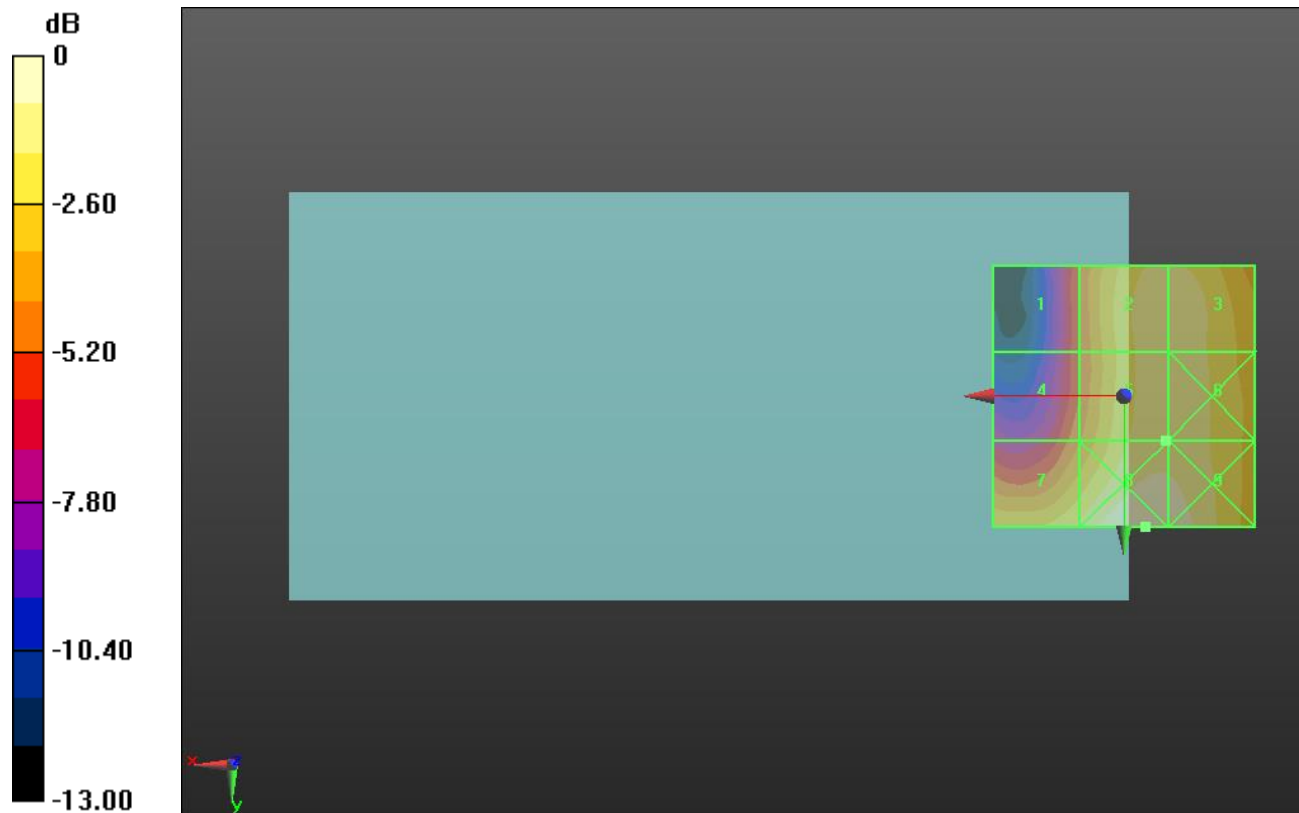
Applied MIF = 3.63 dB

RF audio interference level = 27.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.27 dBV/m	Grid 2 M4 27.15 dBV/m	Grid 3 M4 27.11 dBV/m
Grid 4 M4 23.92 dBV/m	Grid 5 M4 27.15 dBV/m	Grid 6 M4 27.15 dBV/m
Grid 7 M4 26.82 dBV/m	Grid 8 M4 28.3 dBV/m	Grid 9 M4 28.1 dBV/m



0 dB = 26.00 V/m = 28.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.06 V/m; Power Drift = -0.09 dB

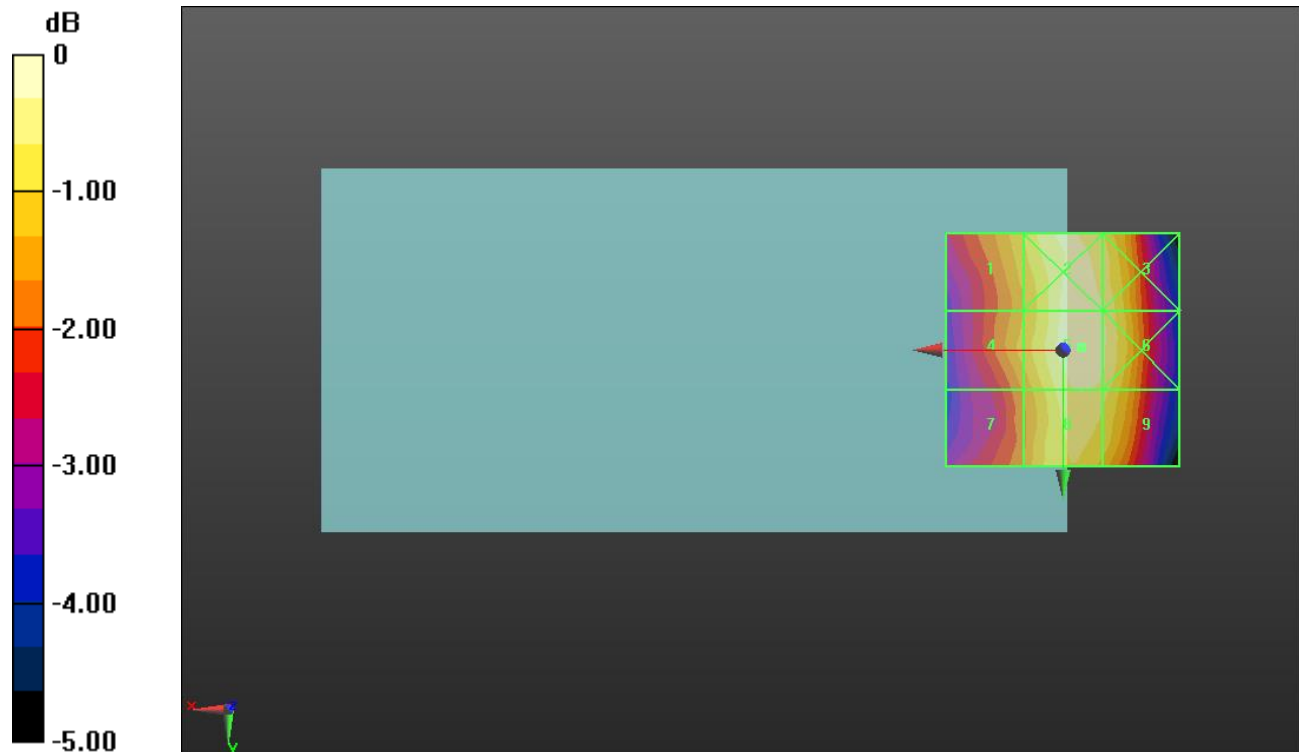
Applied MIF = 3.26 dB

RF audio interference level = 25.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.32 dBV/m	Grid 2 M4 25.17 dBV/m	Grid 3 M4 24.99 dBV/m
Grid 4 M4 24.14 dBV/m	Grid 5 M4 25.31 dBV/m	Grid 6 M4 25.05 dBV/m
Grid 7 M4 23.7 dBV/m	Grid 8 M4 25 dBV/m	Grid 9 M4 24.8 dBV/m



0 dB = 18.42 V/m = 25.31 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.38 V/m; Power Drift = 0.04 dB

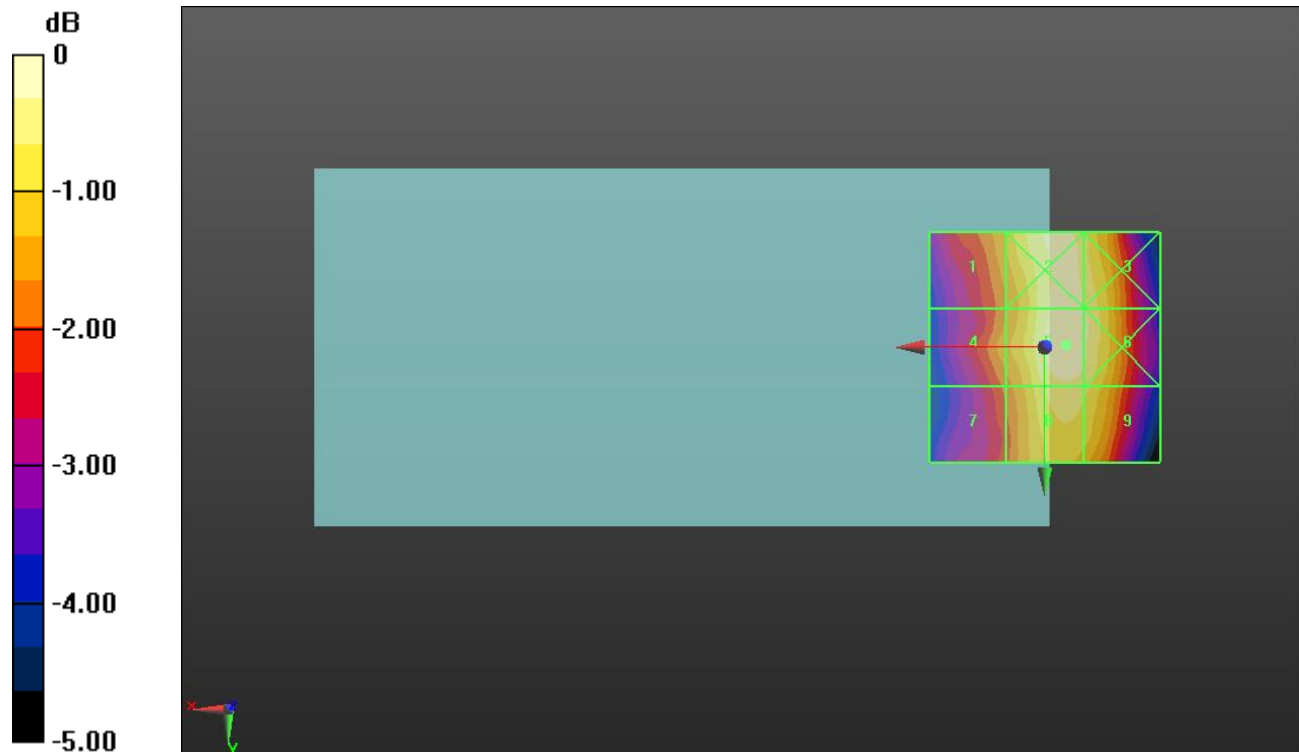
Applied MIF = 3.26 dB

RF audio interference level = 25.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.28 dBV/m	Grid 2 M4 25.48 dBV/m	Grid 3 M4 25.26 dBV/m
Grid 4 M4 24.16 dBV/m	Grid 5 M4 25.57 dBV/m	Grid 6 M4 25.34 dBV/m
Grid 7 M4 23.71 dBV/m	Grid 8 M4 25.14 dBV/m	Grid 9 M4 25.02 dBV/m



0 dB = 18.98 V/m = 25.57 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 = 16.34 V/m; Power Drift = 0.06 dB

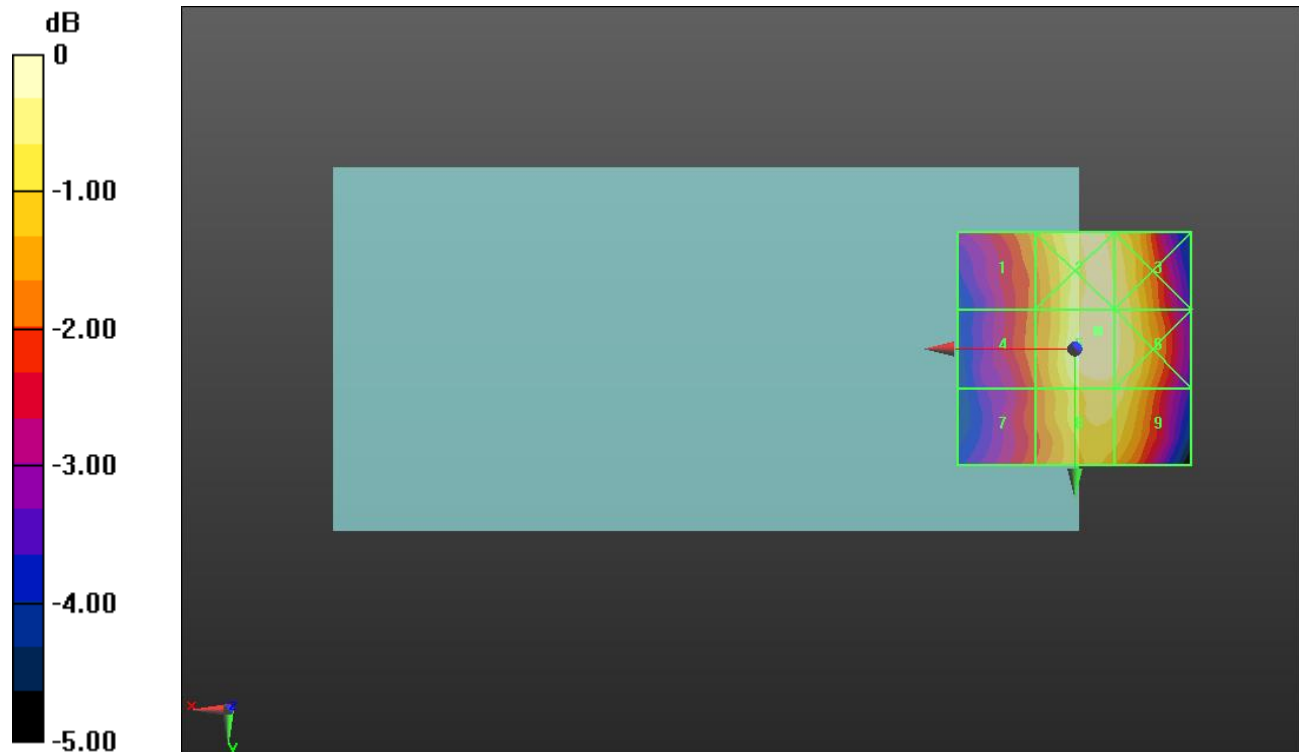
Applied MIF = 3.26 dB

RF audio interference level = 24.89 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.43 dBV/m	Grid 2 M4 24.7 dBV/m	Grid 3 M4 24.62 dBV/m
Grid 4 M4 23.21 dBV/m	Grid 5 M4 24.89 dBV/m	Grid 6 M4 24.68 dBV/m
Grid 7 M4 22.96 dBV/m	Grid 8 M4 24.46 dBV/m	Grid 9 M4 24.44 dBV/m



0 dB = 17.56 V/m = 24.89 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.944 V/m; Power Drift = -0.12 dB

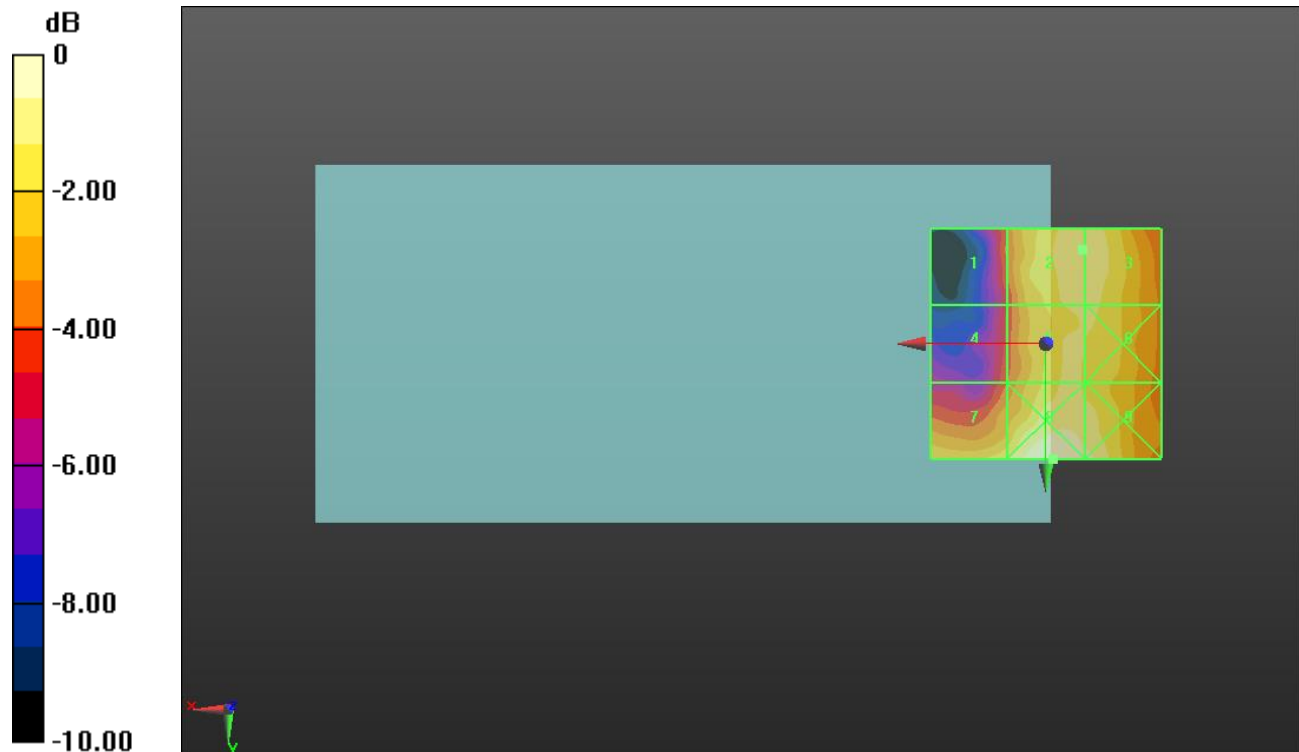
Applied MIF = 3.26 dB

RF audio interference level = 20.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.52 dBV/m	Grid 2 M4 20.46 dBV/m	Grid 3 M4 20.45 dBV/m
Grid 4 M4 17.34 dBV/m	Grid 5 M4 20.23 dBV/m	Grid 6 M4 20.18 dBV/m
Grid 7 M4 19.94 dBV/m	Grid 8 M4 21.3 dBV/m	Grid 9 M4 20.94 dBV/m



0 dB = 11.61 V/m = 21.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.411 V/m; Power Drift = -0.03 dB

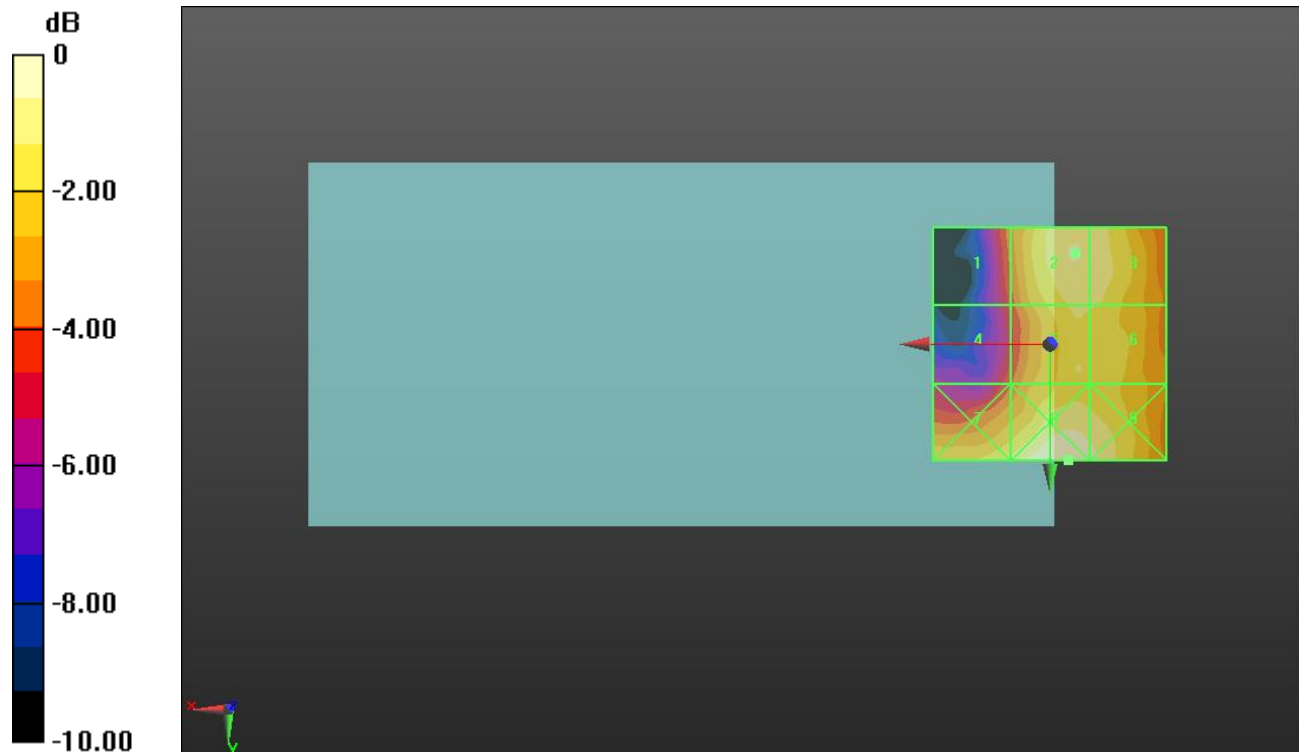
Applied MIF = 3.26 dB

RF audio interference level = 21.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.51 dBV/m	Grid 2 M4 21.38 dBV/m	Grid 3 M4 21.11 dBV/m
Grid 4 M4 17.92 dBV/m	Grid 5 M4 20.8 dBV/m	Grid 6 M4 20.76 dBV/m
Grid 7 M4 20.92 dBV/m	Grid 8 M4 21.98 dBV/m	Grid 9 M4 21.59 dBV/m



0 dB = 12.55 V/m = 21.97 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 = 8.582 V/m; Power Drift = -0.17 dB

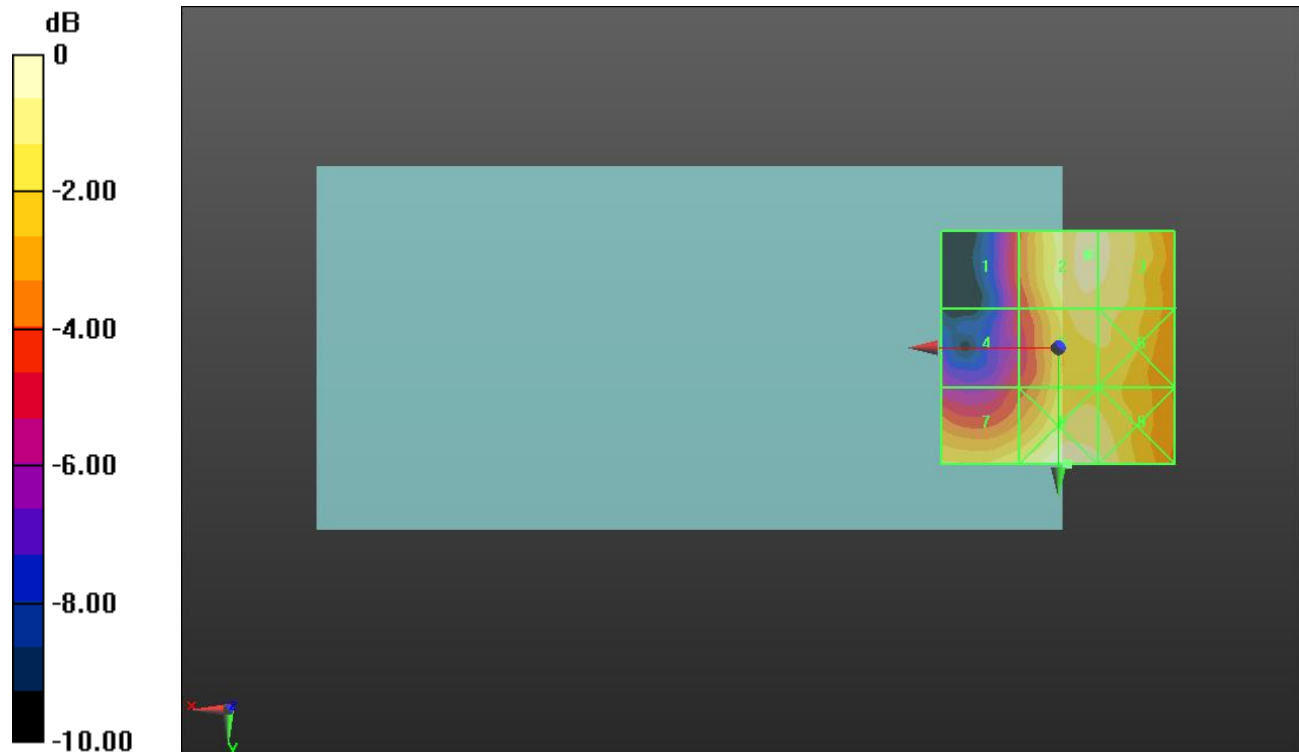
Applied MIF = 3.26 dB

RF audio interference level = 21.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.19 dBV/m	Grid 2 M4 21.84 dBV/m	Grid 3 M4 21.8 dBV/m
Grid 4 M4 17.91 dBV/m	Grid 5 M4 21.48 dBV/m	Grid 6 M4 21.37 dBV/m
Grid 7 M4 21.2 dBV/m	Grid 8 M4 22.32 dBV/m	Grid 9 M4 21.96 dBV/m



0 dB = 13.06 V/m = 22.32 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.30 V/m; Power Drift = 0.00 dB

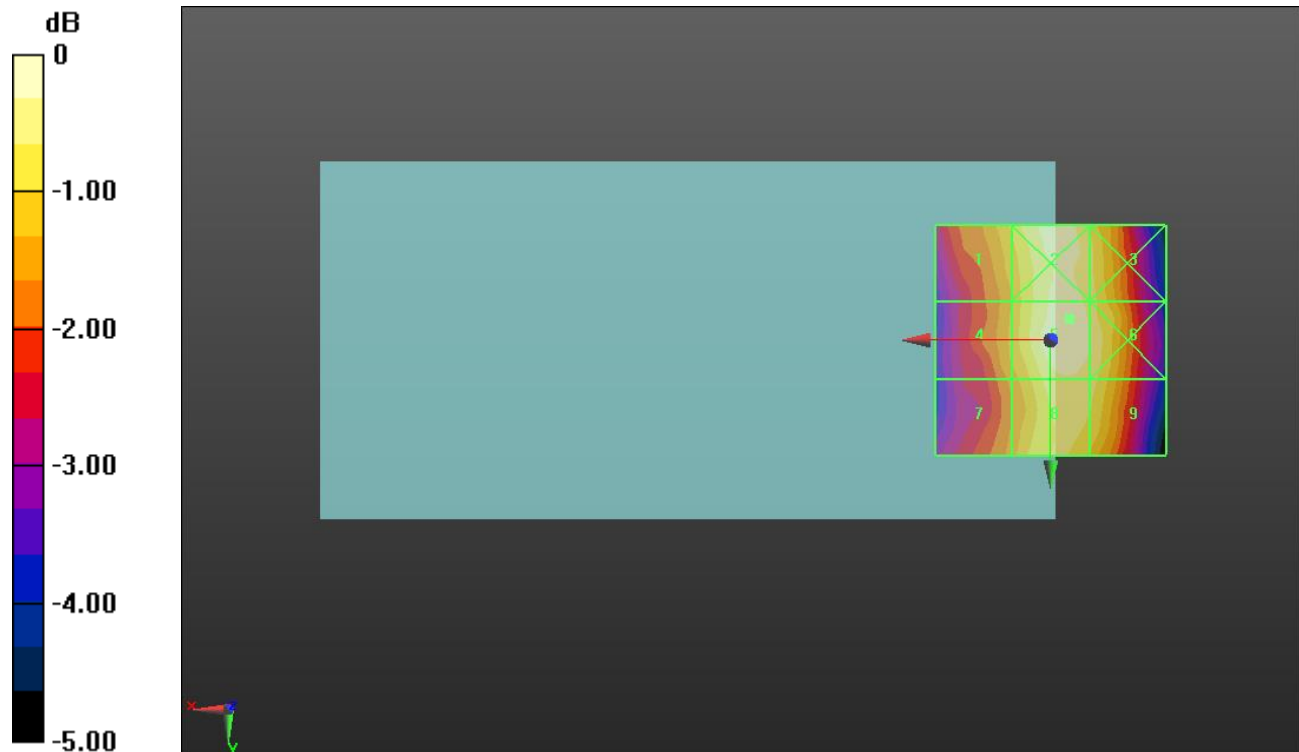
Applied MIF = 3.26 dB

RF audio interference level = 25.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.14 dBV/m	Grid 2 M4 24.89 dBV/m	Grid 3 M4 24.58 dBV/m
Grid 4 M4 23.83 dBV/m	Grid 5 M4 25.06 dBV/m	Grid 6 M4 24.74 dBV/m
Grid 7 M4 23.56 dBV/m	Grid 8 M4 24.69 dBV/m	Grid 9 M4 24.55 dBV/m



0 dB = 17.90 V/m = 25.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.33 V/m; Power Drift = -0.03 dB

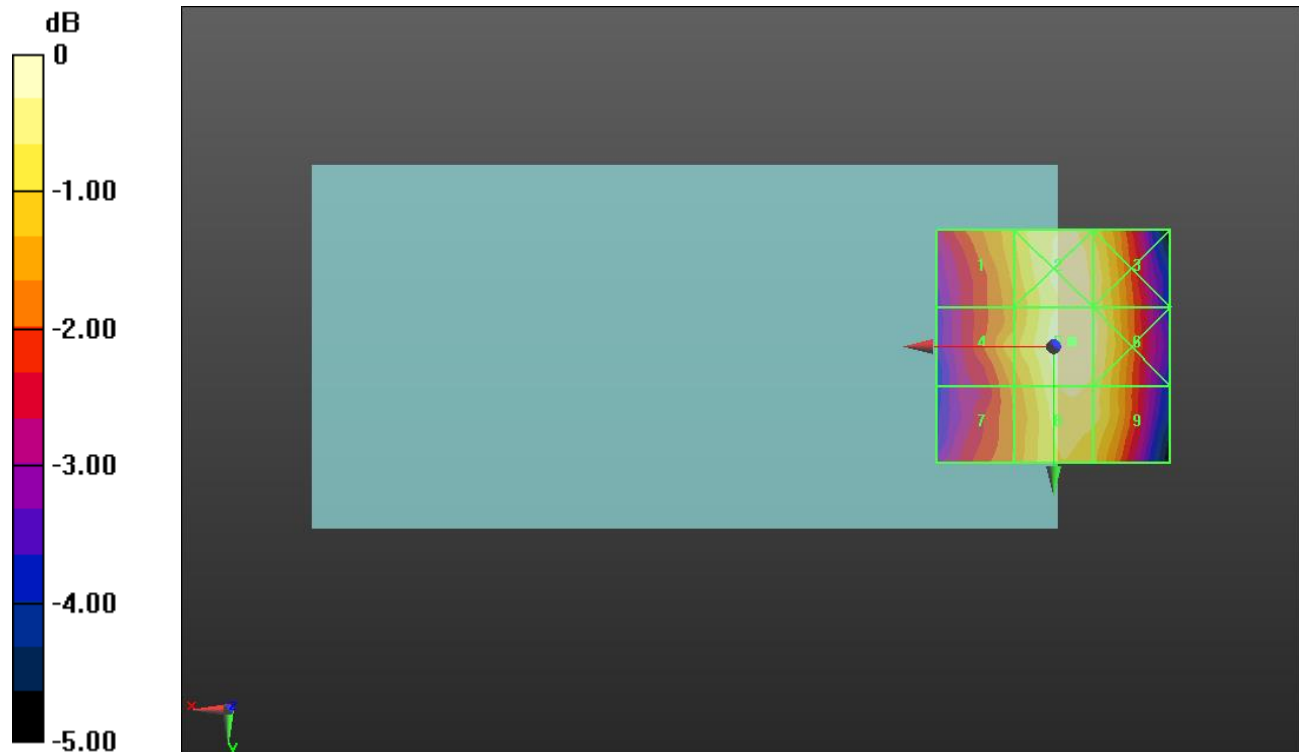
Applied MIF = 3.26 dB

RF audio interference level = 25.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.96 dBV/m	Grid 2 M4 24.87 dBV/m	Grid 3 M4 24.64 dBV/m
Grid 4 M4 23.94 dBV/m	Grid 5 M4 25.01 dBV/m	Grid 6 M4 24.79 dBV/m
Grid 7 M4 23.47 dBV/m	Grid 8 M4 24.76 dBV/m	Grid 9 M4 24.56 dBV/m



0 dB = 17.80 V/m = 25.01 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.75 V/m; Power Drift = -0.06 dB

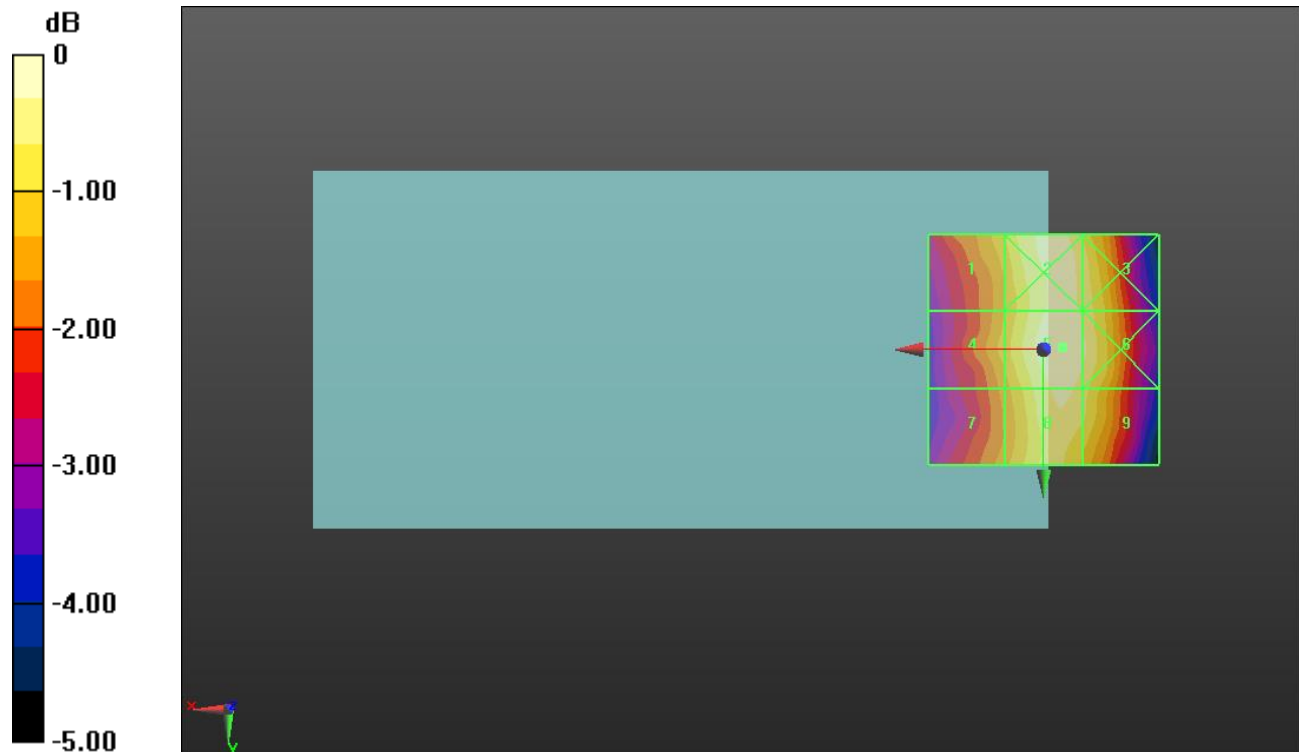
Applied MIF = 3.26 dB

RF audio interference level = 25.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.13 dBV/m	Grid 2 M4 24.97 dBV/m	Grid 3 M4 24.72 dBV/m
Grid 4 M4 23.98 dBV/m	Grid 5 M4 25.12 dBV/m	Grid 6 M4 24.87 dBV/m
Grid 7 M4 23.69 dBV/m	Grid 8 M4 24.87 dBV/m	Grid 9 M4 24.61 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.841 V/m; Power Drift = 0.02 dB

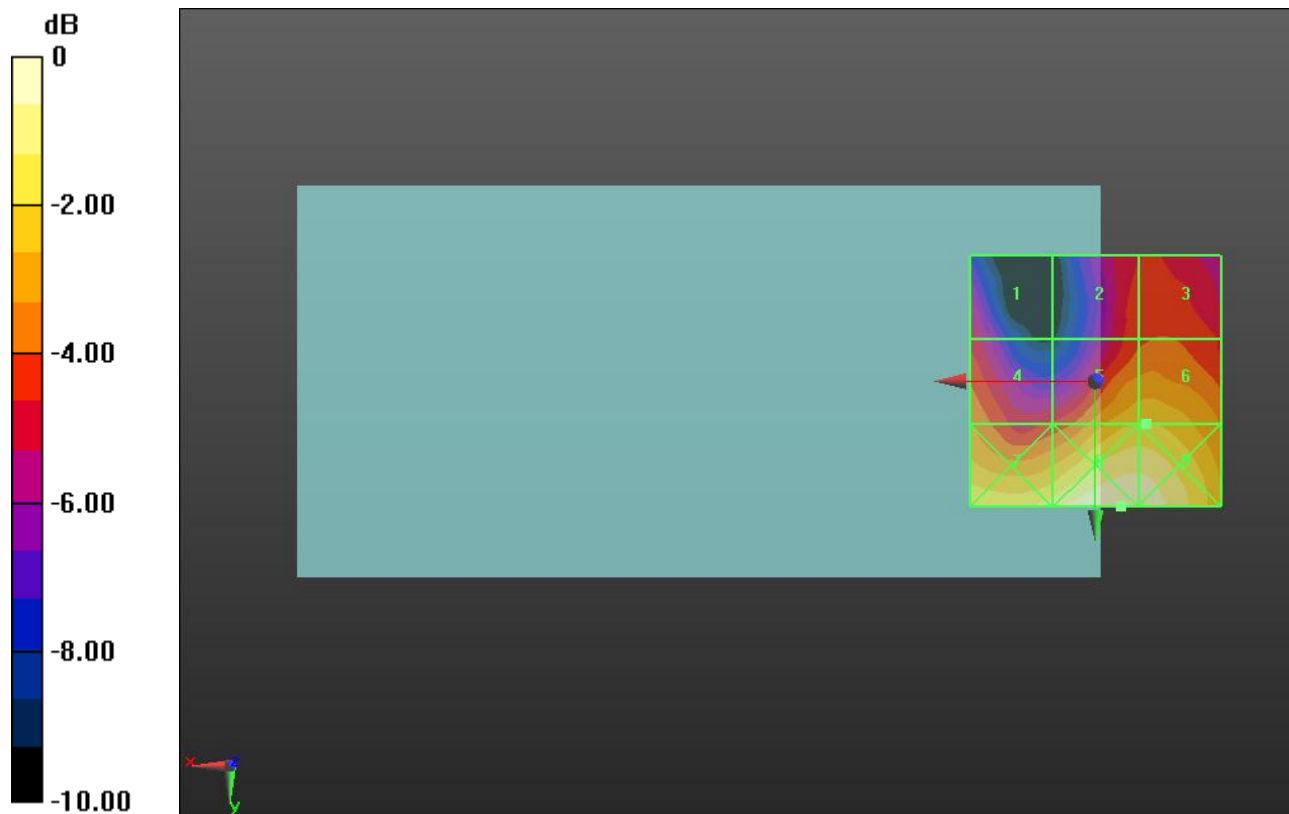
Applied MIF = -1.44 dB

RF audio interference level = 19.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.21 dBV/m	Grid 2 M4 16.92 dBV/m	Grid 3 M4 17.19 dBV/m
Grid 4 M4 17.87 dBV/m	Grid 5 M4 19.19 dBV/m	Grid 6 M4 19.22 dBV/m
Grid 7 M4 20.22 dBV/m	Grid 8 M4 21.13 dBV/m	Grid 9 M4 21.02 dBV/m



0 dB = 11.40 V/m = 21.14 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.21 V/m; Power Drift = -0.15 dB

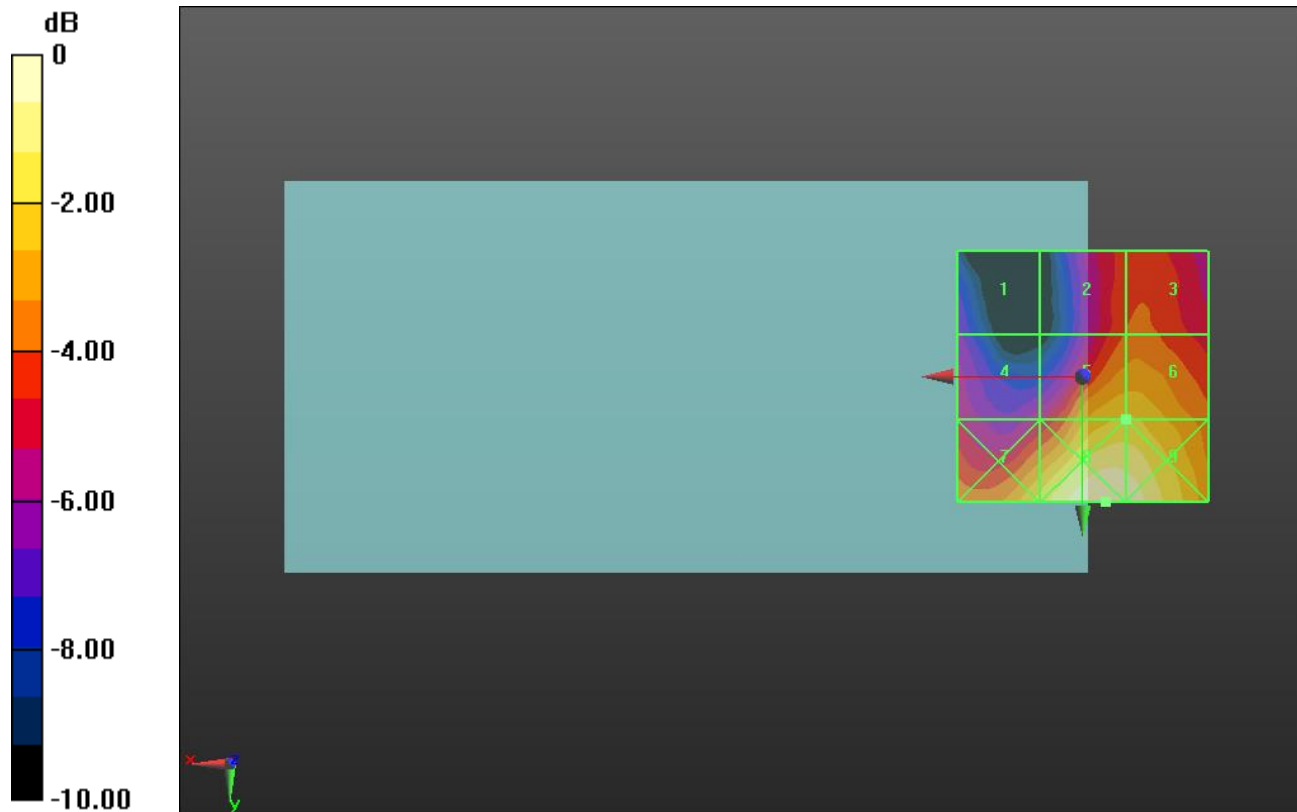
Applied MIF = -1.44 dB

RF audio interference level = 19.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.16 dBV/m	Grid 2 M4 17.65 dBV/m	Grid 3 M4 17.85 dBV/m
Grid 4 M4 16.38 dBV/m	Grid 5 M4 19.67 dBV/m	Grid 6 M4 19.67 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 21.58 dBV/m	Grid 9 M4 21.43 dBV/m



0 dB = 12.00 V/m = 21.58 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.06 V/m; Power Drift = -0.02 dB

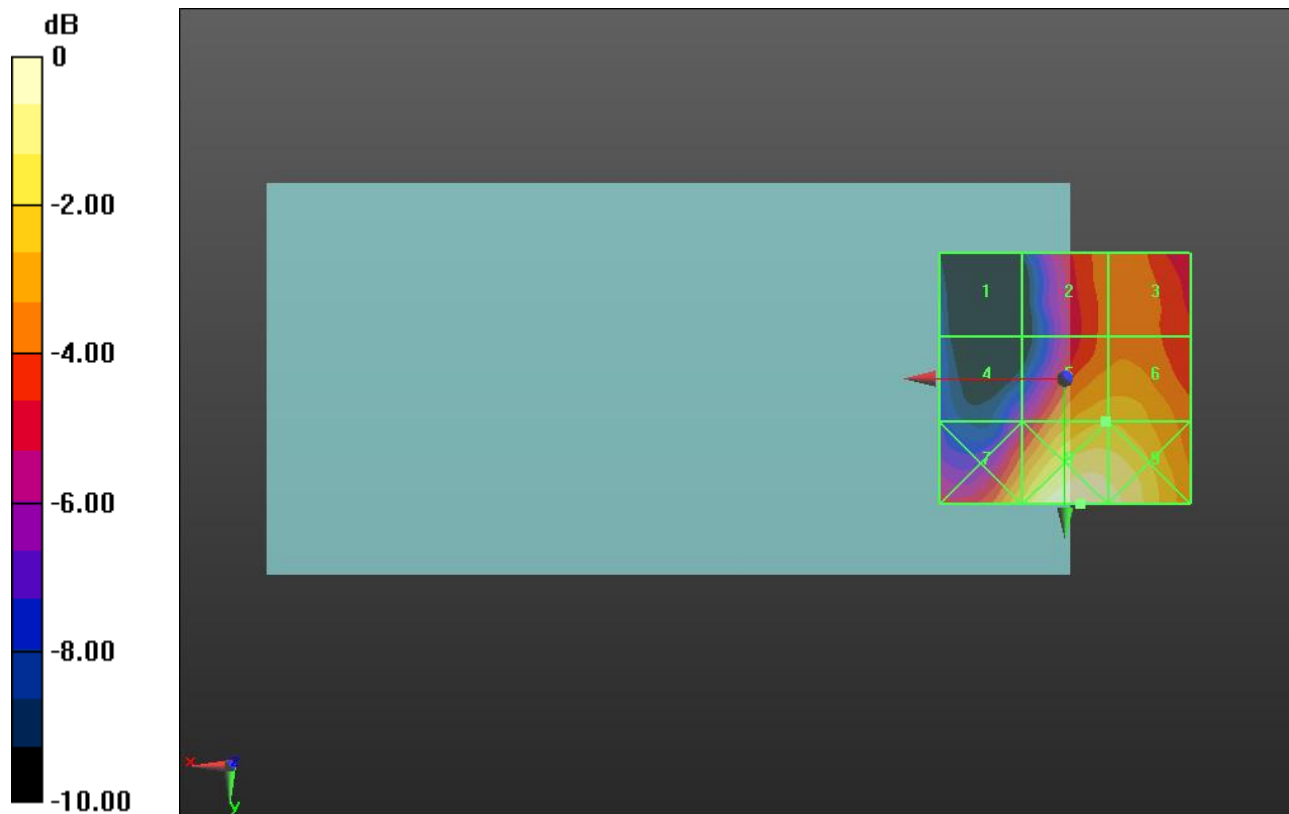
Applied MIF = -1.44 dB

RF audio interference level = 19.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.88 dBV/m	Grid 2 M4 18.15 dBV/m	Grid 3 M4 18.35 dBV/m
Grid 4 M4 16.02 dBV/m	Grid 5 M4 19.8 dBV/m	Grid 6 M4 19.8 dBV/m
Grid 7 M4 20.09 dBV/m	Grid 8 M4 21.85 dBV/m	Grid 9 M4 21.56 dBV/m



0 dB = 12.38 V/m = 21.85 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 10.50 V/m; Power Drift = -0.11 dB

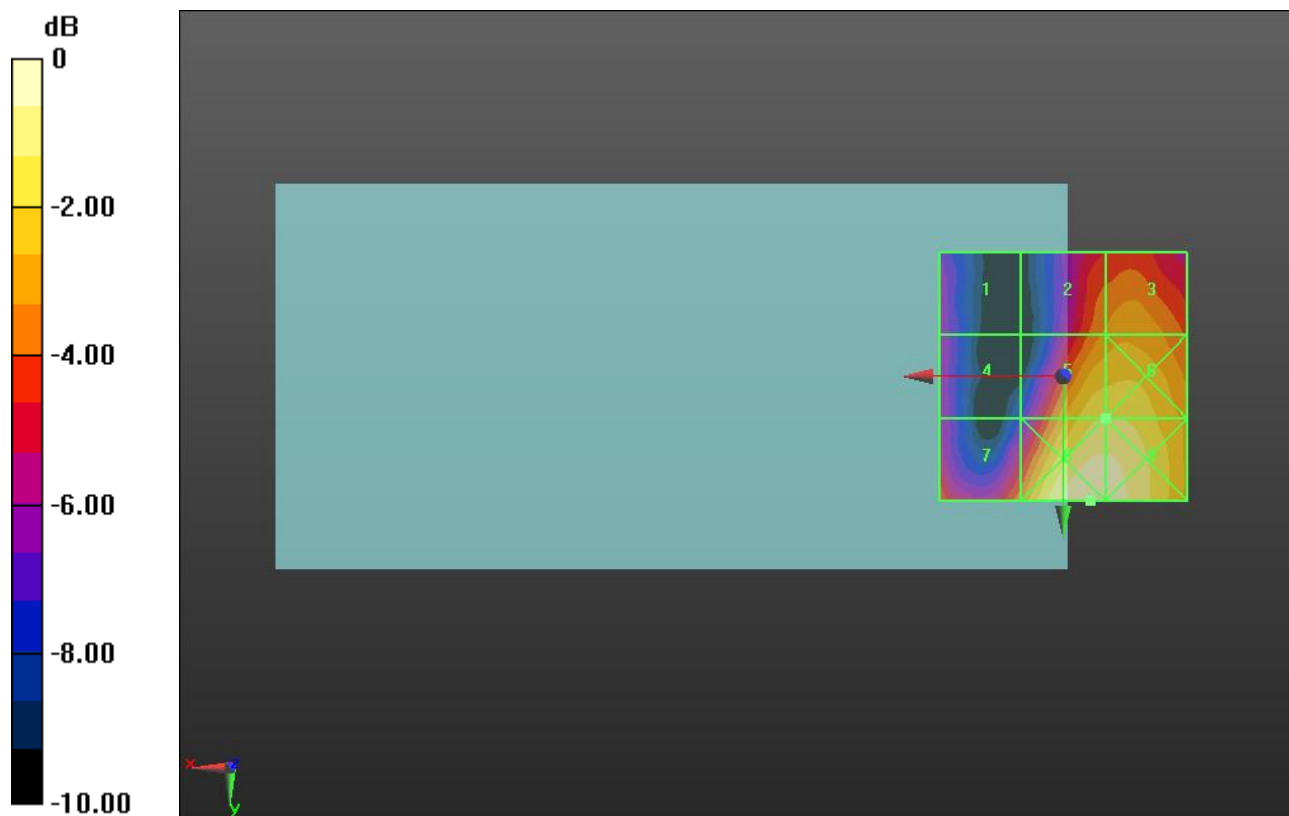
Applied MIF = -1.44 dB

RF audio interference level = 19.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.14 dBV/m	Grid 2 M4 17.91 dBV/m	Grid 3 M4 18.29 dBV/m
Grid 4 M4 15.24 dBV/m	Grid 5 M4 19.73 dBV/m	Grid 6 M4 19.76 dBV/m
Grid 7 M4 17.67 dBV/m	Grid 8 M4 21.08 dBV/m	Grid 9 M4 20.91 dBV/m



0 dB = 11.32 V/m = 21.08 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.765 V/m; Power Drift = 0.06 dB

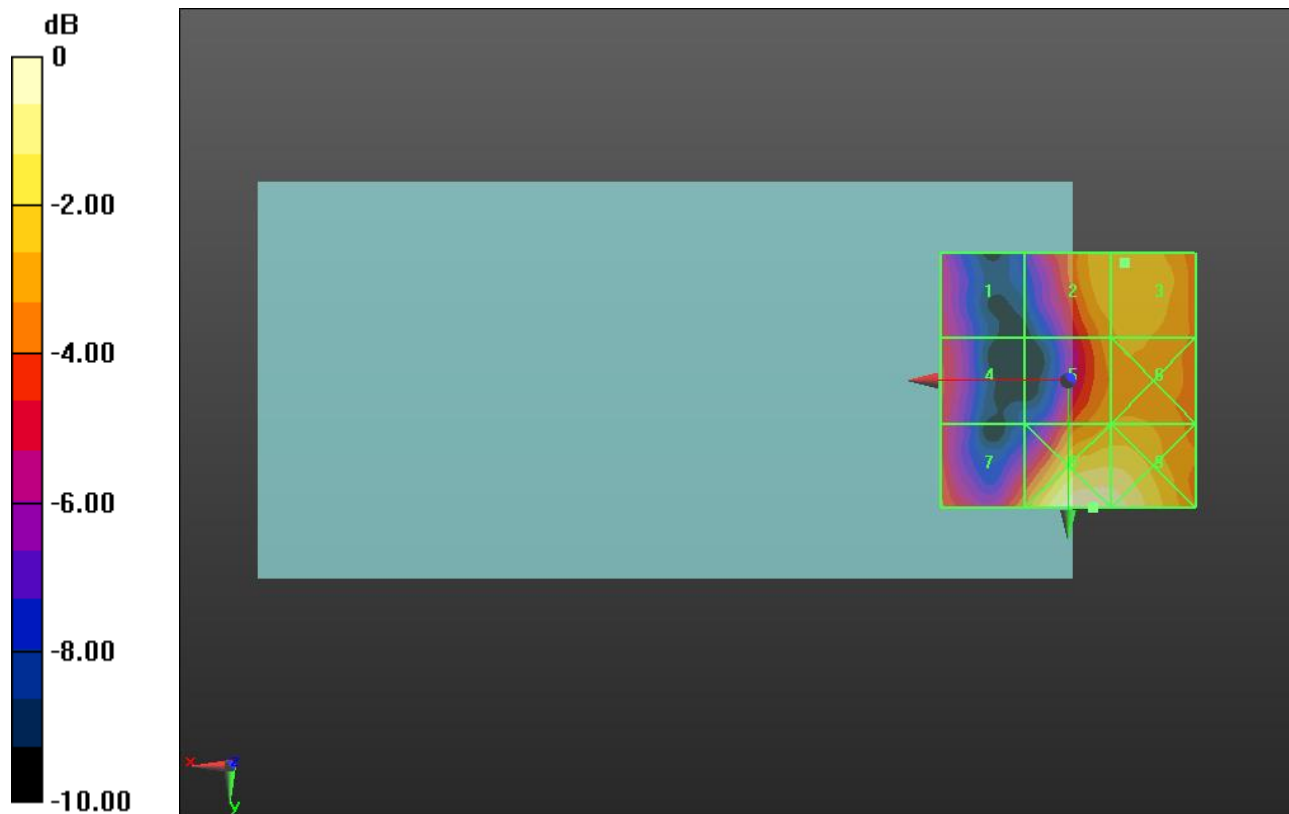
Applied MIF = -1.44 dB

RF audio interference level = 16.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.79 dBV/m	Grid 2 M4 16.56 dBV/m	Grid 3 M4 16.6 dBV/m
Grid 4 M4 14.19 dBV/m	Grid 5 M4 16.05 dBV/m	Grid 6 M4 16.19 dBV/m
Grid 7 M4 15.55 dBV/m	Grid 8 M4 18.67 dBV/m	Grid 9 M4 18.43 dBV/m



0 dB = 8.584 V/m = 18.67 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.86 V/m; Power Drift = -0.06 dB

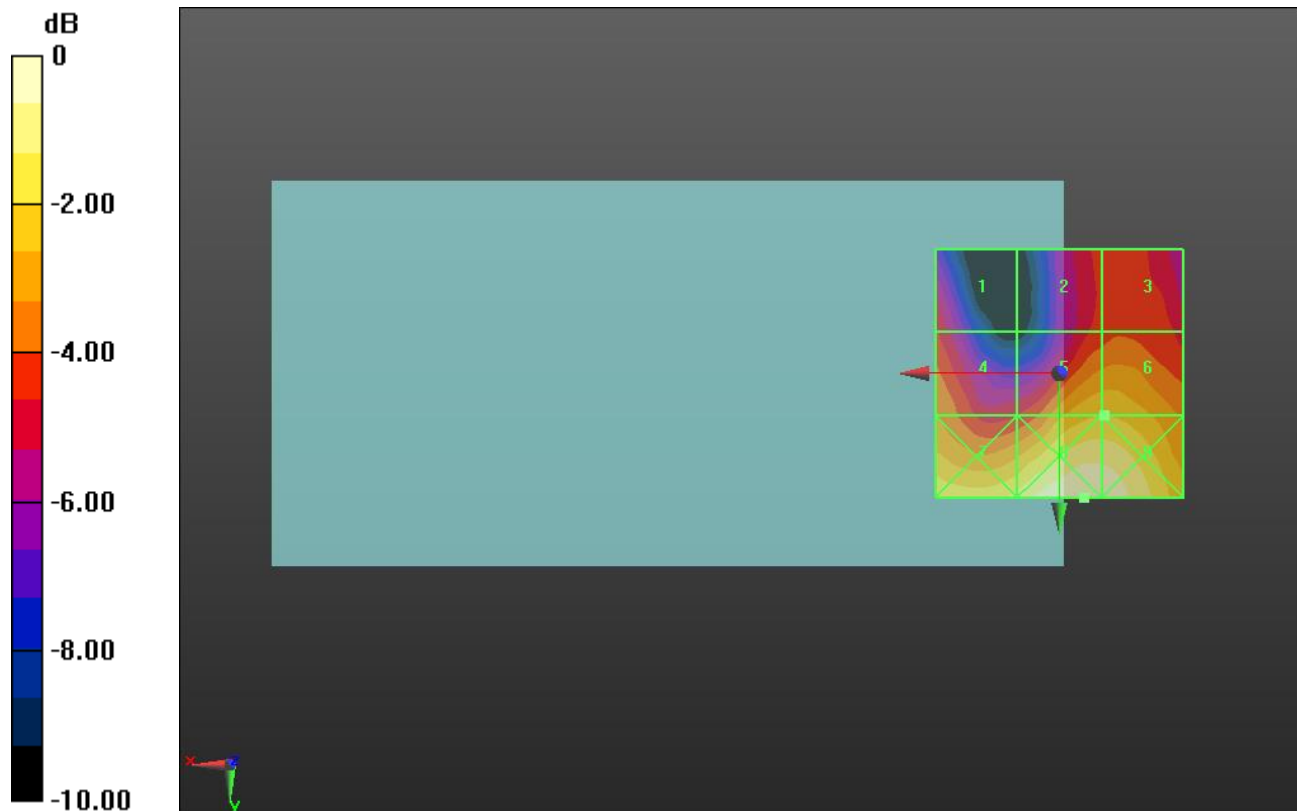
Applied MIF = -1.44 dB

RF audio interference level = 20.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.43 dBV/m	Grid 2 M4 17.78 dBV/m	Grid 3 M4 18 dBV/m
Grid 4 M4 18.8 dBV/m	Grid 5 M4 20.02 dBV/m	Grid 6 M4 20.02 dBV/m
Grid 7 M4 20.95 dBV/m	Grid 8 M4 22.04 dBV/m	Grid 9 M4 21.94 dBV/m



0 dB = 12.64 V/m = 22.03 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.36 V/m; Power Drift = 0.02 dB

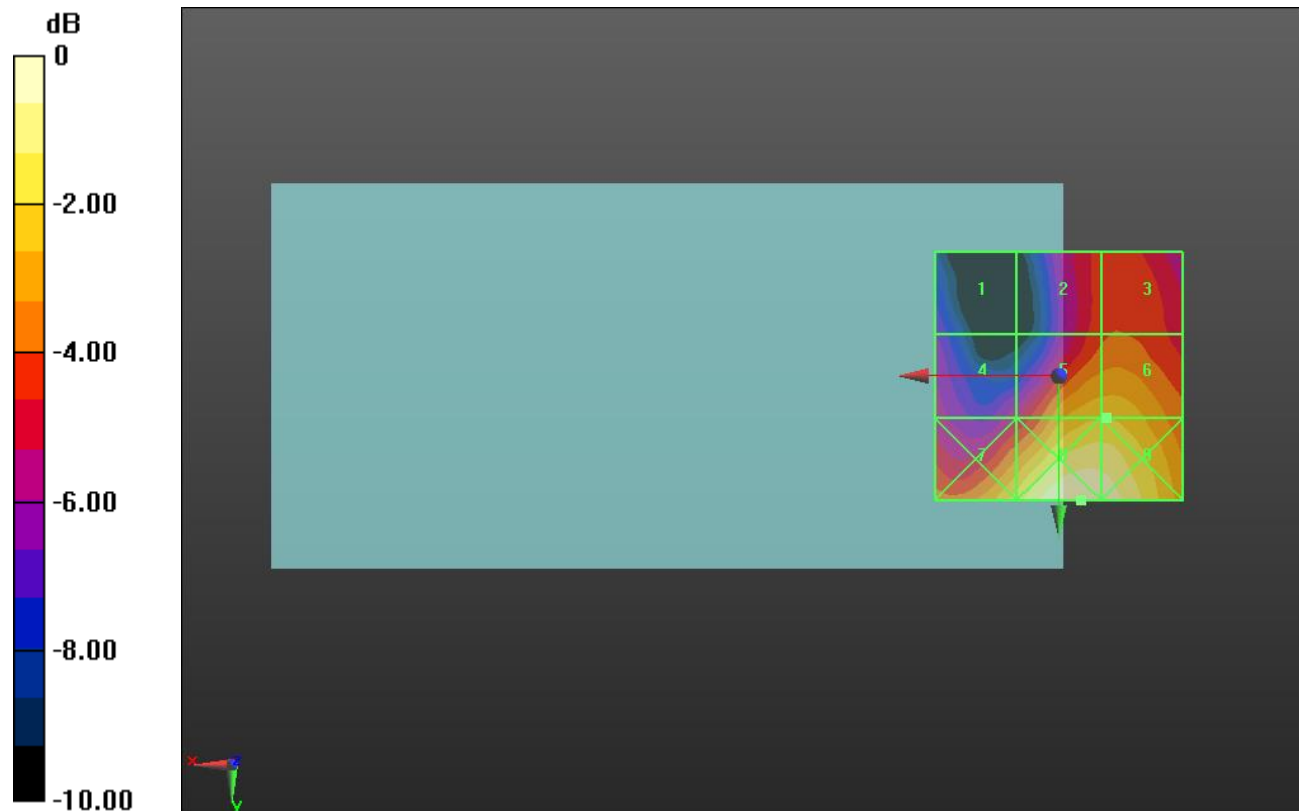
Applied MIF = -1.44 dB

RF audio interference level = 20.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.02 dBV/m	Grid 2 M4 18.43 dBV/m	Grid 3 M4 18.67 dBV/m
Grid 4 M4 17.31 dBV/m	Grid 5 M4 20.6 dBV/m	Grid 6 M4 20.6 dBV/m
Grid 7 M4 20.97 dBV/m	Grid 8 M4 22.62 dBV/m	Grid 9 M4 22.41 dBV/m



0 dB = 13.52 V/m = 22.62 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.31 V/m; Power Drift = -0.07 dB

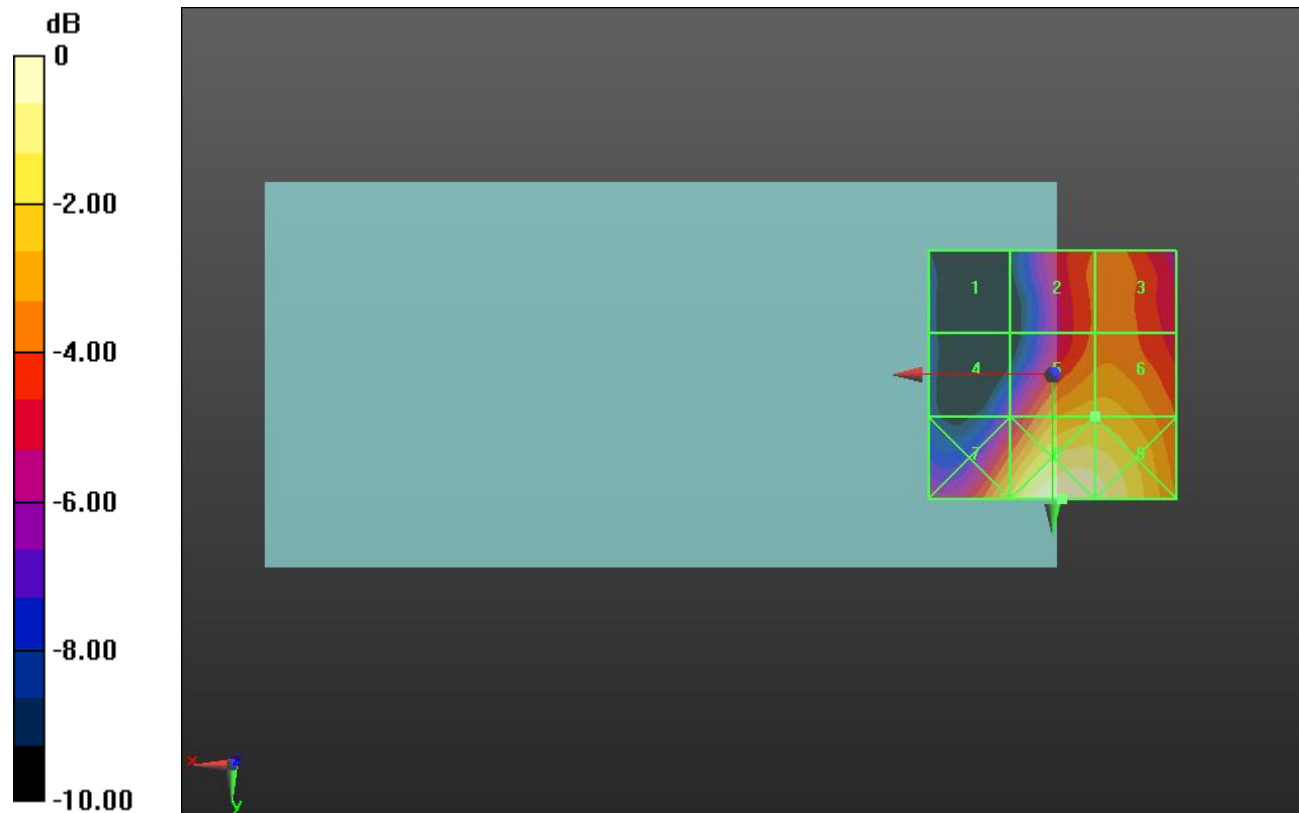
Applied MIF = -1.44 dB

RF audio interference level = 20.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.52 dBV/m	Grid 2 M4 18.99 dBV/m	Grid 3 M4 19.17 dBV/m
Grid 4 M4 16.81 dBV/m	Grid 5 M4 20.64 dBV/m	Grid 6 M4 20.64 dBV/m
Grid 7 M4 20.96 dBV/m	Grid 8 M4 22.82 dBV/m	Grid 9 M4 22.47 dBV/m



0 dB = 13.84 V/m = 22.82 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.55 V/m; Power Drift = -0.06 dB

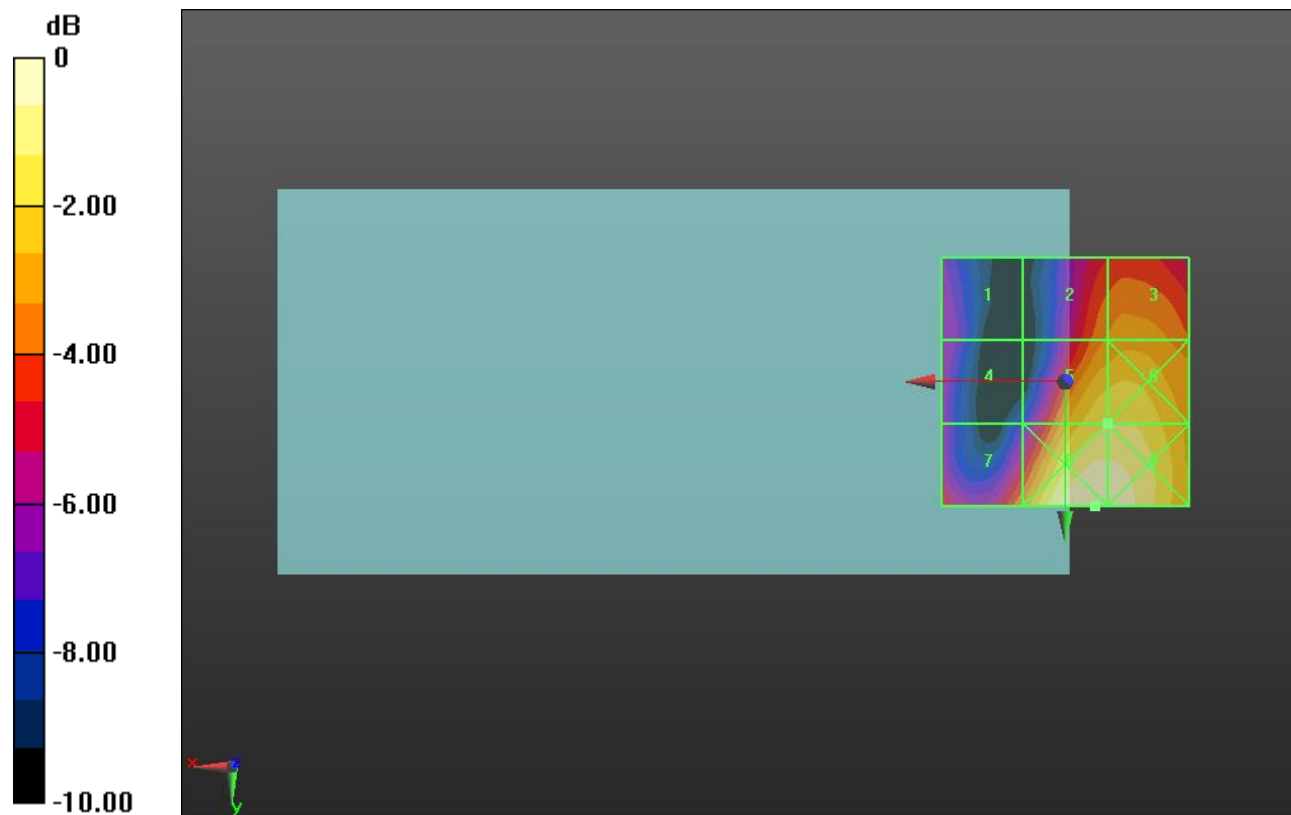
Applied MIF = -1.44 dB

RF audio interference level = 20.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.94 dBV/m	Grid 2 M4 18.72 dBV/m	Grid 3 M4 19.07 dBV/m
Grid 4 M4 16.08 dBV/m	Grid 5 M4 20.57 dBV/m	Grid 6 M4 20.64 dBV/m
Grid 7 M4 18.74 dBV/m	Grid 8 M4 21.93 dBV/m	Grid 9 M4 21.85 dBV/m



0 dB = 12.49 V/m = 21.93 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.473 V/m; Power Drift = 0.09 dB

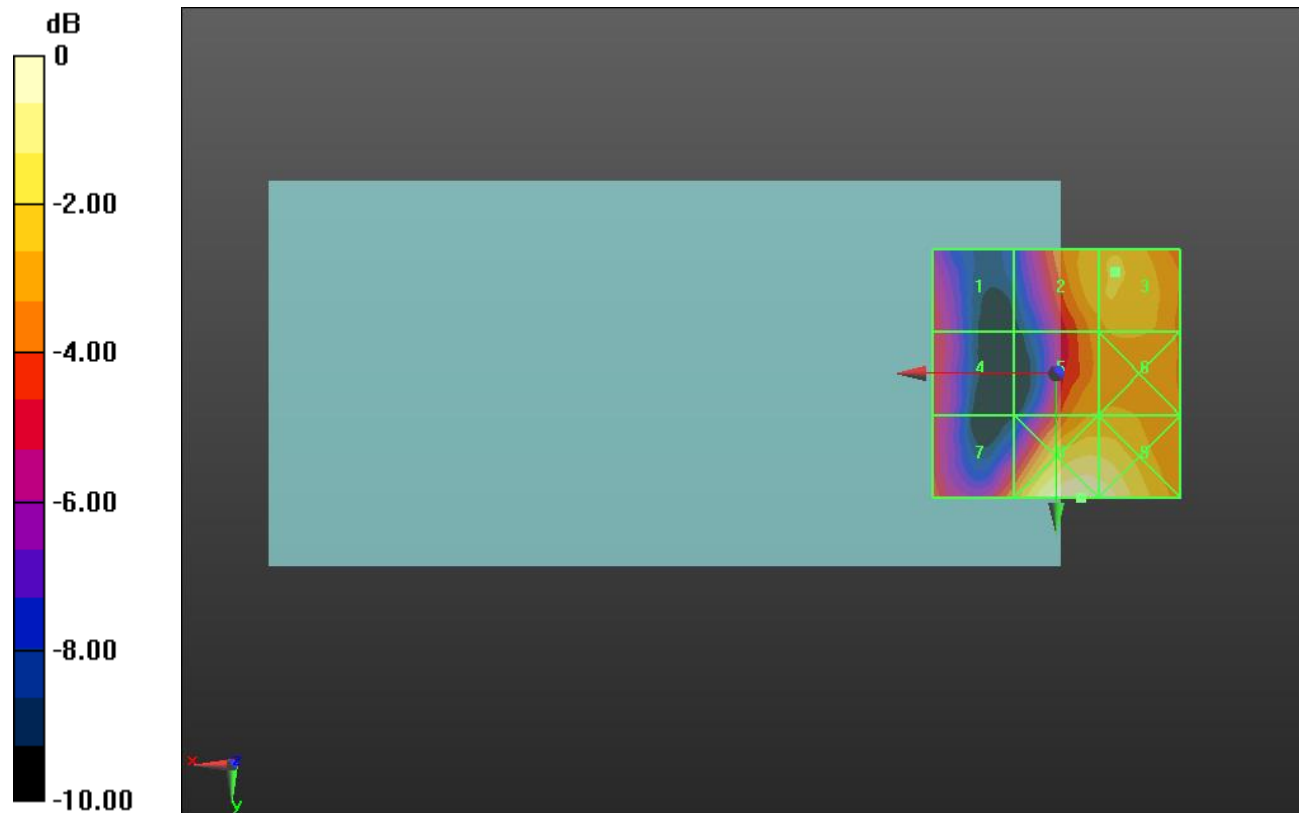
Applied MIF = -1.44 dB

RF audio interference level = 17.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.99 dBV/m	Grid 2 M4 17.83 dBV/m	Grid 3 M4 17.97 dBV/m
Grid 4 M4 15.14 dBV/m	Grid 5 M4 17.32 dBV/m	Grid 6 M4 17.38 dBV/m
Grid 7 M4 16.75 dBV/m	Grid 8 M4 19.91 dBV/m	Grid 9 M4 19.76 dBV/m



0 dB = 9.902 V/m = 19.91 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 = 107.8 V/m; Power Drift = -0.01 dB

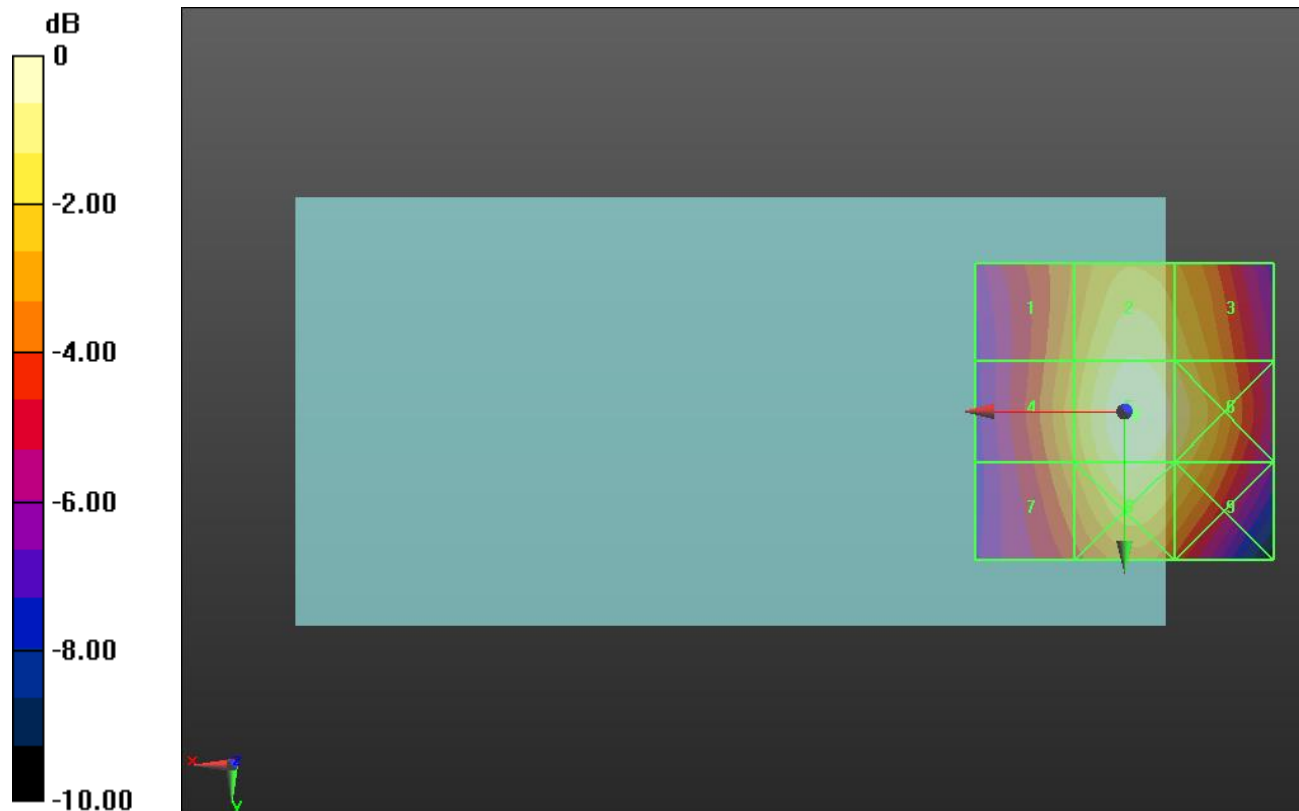
Applied MIF = 3.63 dB

RF audio interference level = 38.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.26 dBV/m	Grid 2 M4 38.26 dBV/m	Grid 3 M4 37.47 dBV/m
Grid 4 M4 36.67 dBV/m	Grid 5 M4 38.85 dBV/m	Grid 6 M4 38.06 dBV/m
Grid 7 M4 36.18 dBV/m	Grid 8 M4 38.3 dBV/m	Grid 9 M4 37.44 dBV/m



0 dB = 87.59 V/m = 38.85 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 105.9 V/m; Power Drift = -0.00 dB

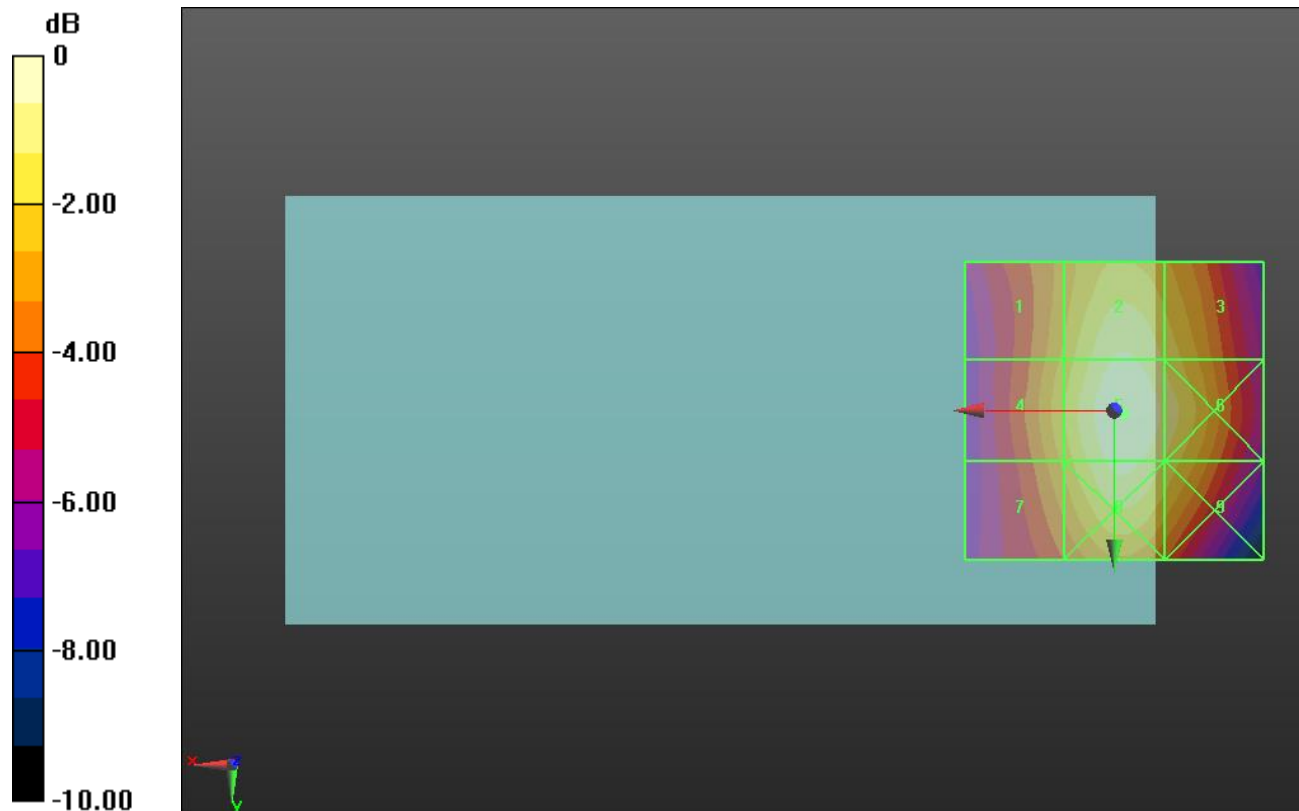
Applied MIF = 3.63 dB

RF audio interference level = 38.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.34 dBV/m	Grid 2 M4 38.27 dBV/m	Grid 3 M4 37.41 dBV/m
Grid 4 M4 36.77 dBV/m	Grid 5 M4 38.81 dBV/m	Grid 6 M4 37.98 dBV/m
Grid 7 M4 36.32 dBV/m	Grid 8 M4 38.36 dBV/m	Grid 9 M4 37.42 dBV/m



0 dB = 87.19 V/m = 38.81 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 = 105.2 V/m; Power Drift = -0.00 dB

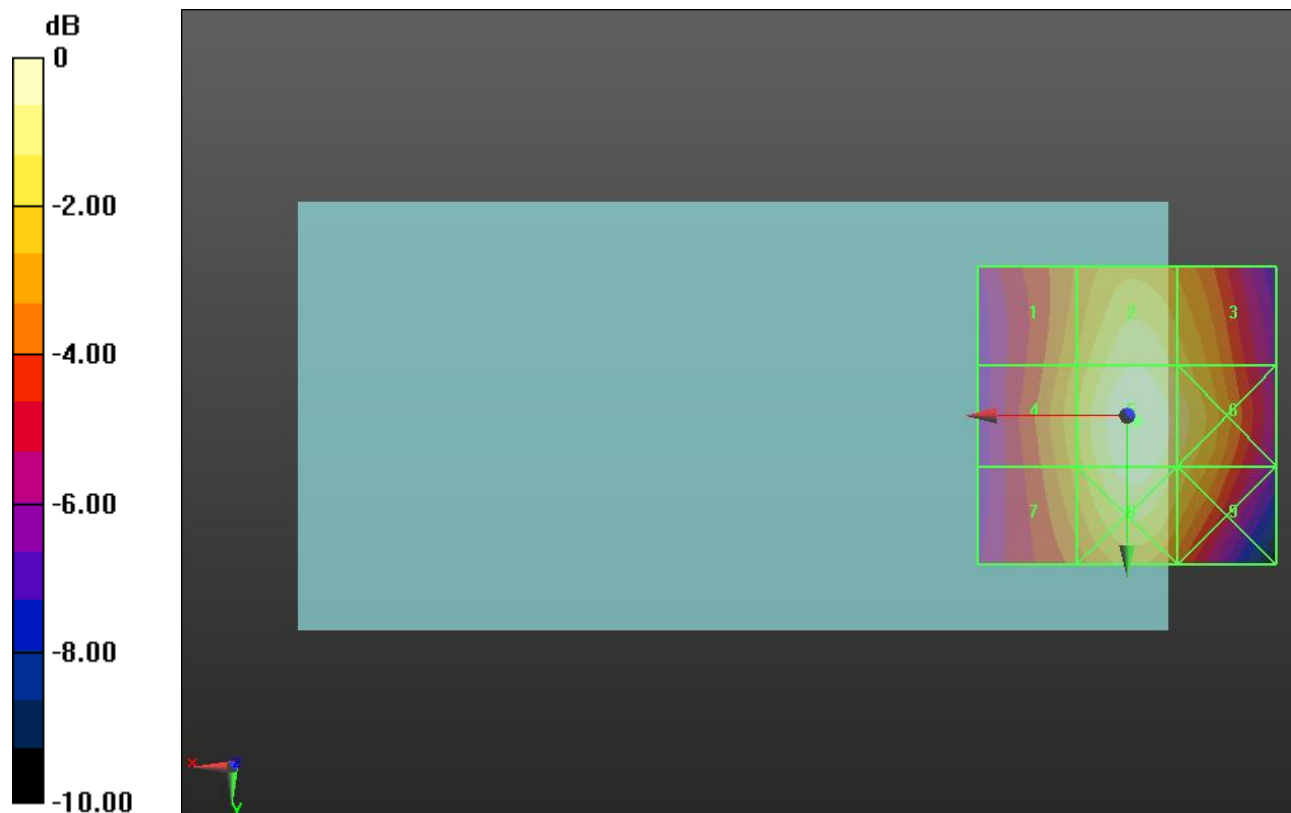
Applied MIF = 3.63 dB

RF audio interference level = 38.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.21 dBV/m	Grid 2 M4 38.07 dBV/m	Grid 3 M4 37.17 dBV/m
Grid 4 M4 36.69 dBV/m	Grid 5 M4 38.72 dBV/m	Grid 6 M4 37.81 dBV/m
Grid 7 M4 36.37 dBV/m	Grid 8 M4 38.36 dBV/m	Grid 9 M4 37.31 dBV/m



0 dB = 86.30 V/m = 38.72 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 = 19.91 V/m; Power Drift = 0.01 dB

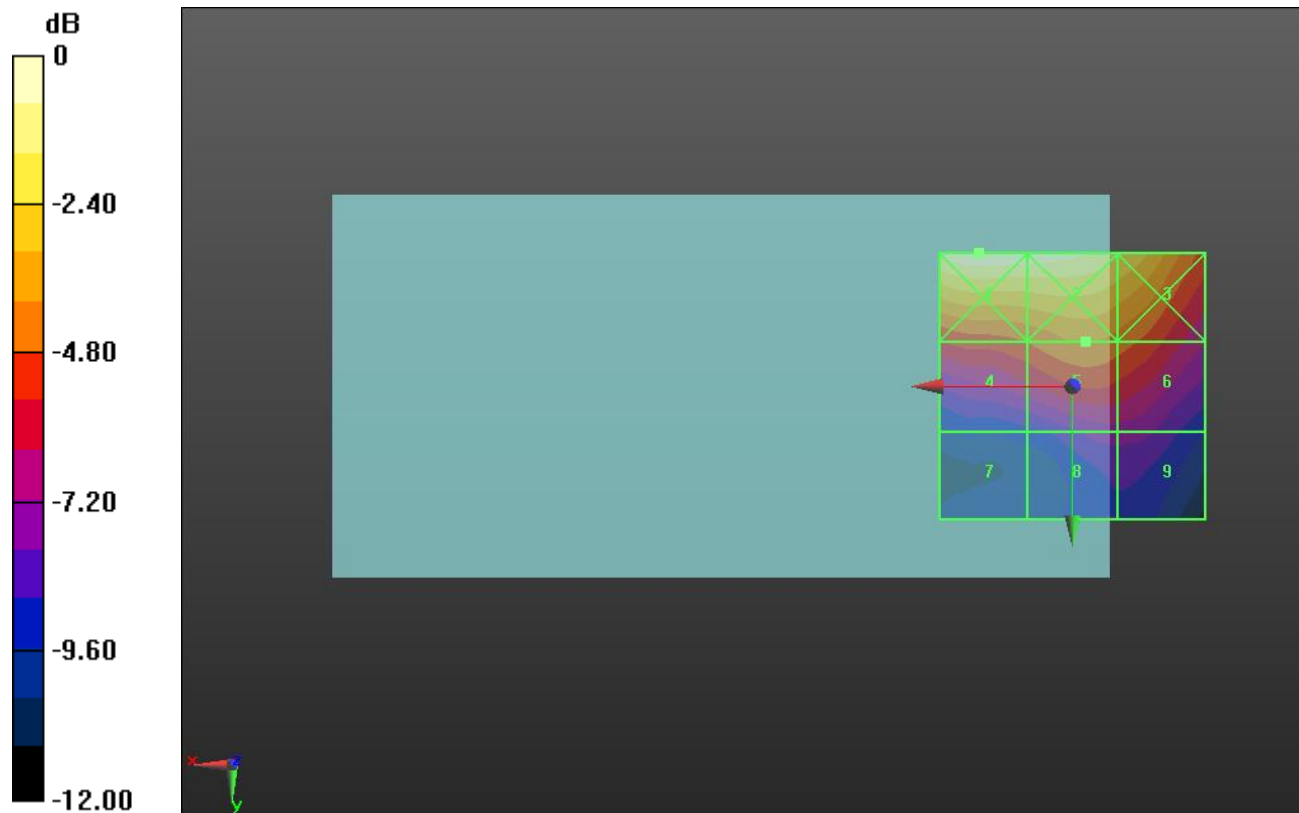
Applied MIF = 3.63 dB

RF audio interference level = 28.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.33 dBV/m	Grid 2 M3 32.15 dBV/m	Grid 3 M3 30.94 dBV/m
Grid 4 M4 27.61 dBV/m	Grid 5 M4 28.41 dBV/m	Grid 6 M4 28 dBV/m
Grid 7 M4 23.29 dBV/m	Grid 8 M4 24.82 dBV/m	Grid 9 M4 24.81 dBV/m



0 dB = 41.33 V/m = 32.33 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 = 21.19 V/m; Power Drift = -0.02 dB

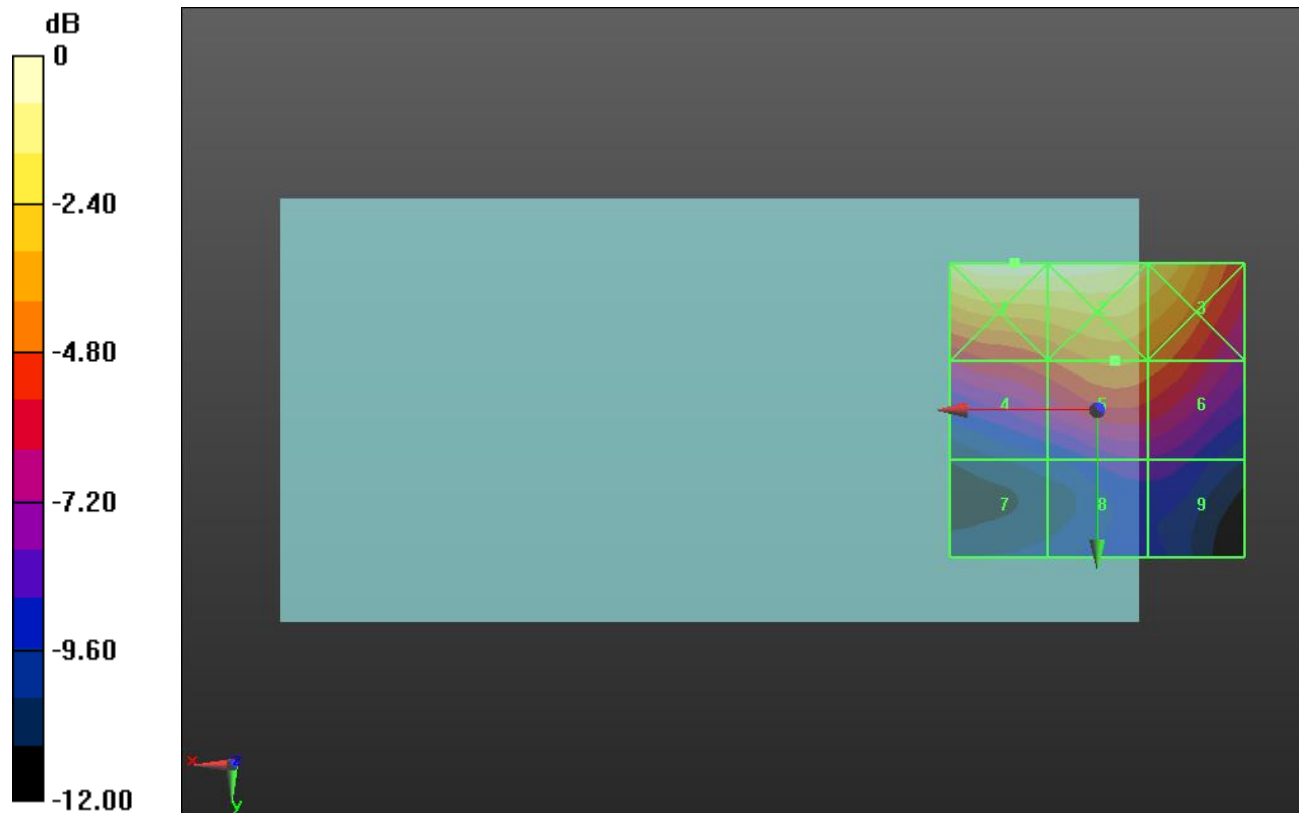
Applied MIF = 3.63 dB

RF audio interference level = 29.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.92 dBV/m	Grid 2 M3 32.85 dBV/m	Grid 3 M3 31.65 dBV/m
Grid 4 M4 28.04 dBV/m	Grid 5 M4 29.12 dBV/m	Grid 6 M4 28.74 dBV/m
Grid 7 M4 23.18 dBV/m	Grid 8 M4 24.88 dBV/m	Grid 9 M4 24.86 dBV/m



0 dB = 44.28 V/m = 32.92 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.53 V/m; Power Drift = -0.01 dB

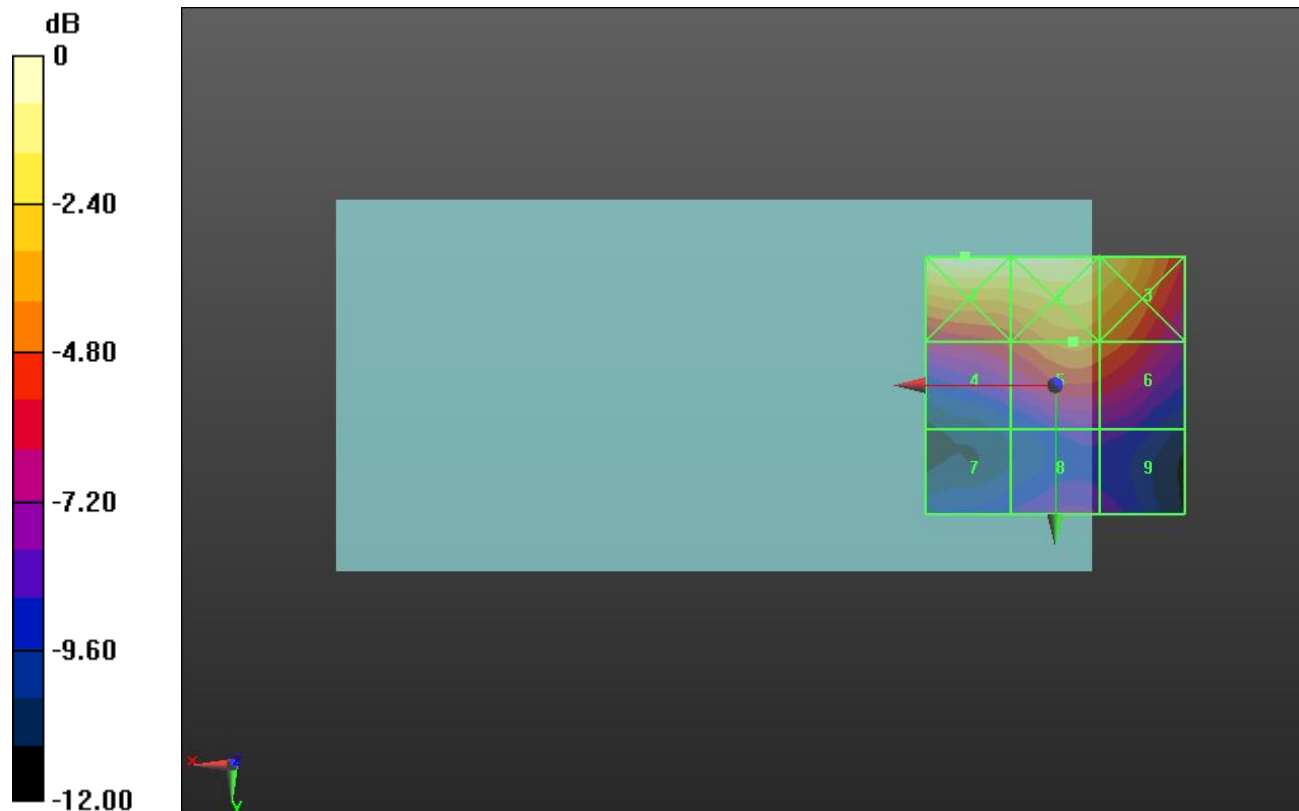
Applied MIF = 3.63 dB

RF audio interference level = 28.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 32.56 dBV/m	Grid 2 M3 32.35 dBV/m	Grid 3 M3 31.35 dBV/m
Grid 4 M4 27.34 dBV/m	Grid 5 M4 28.93 dBV/m	Grid 6 M4 28.59 dBV/m
Grid 7 M4 23.93 dBV/m	Grid 8 M4 24.97 dBV/m	Grid 9 M4 24.67 dBV/m



0 dB = 42.46 V/m = 32.56 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 = 58.27 V/m; Power Drift = 0.00 dB

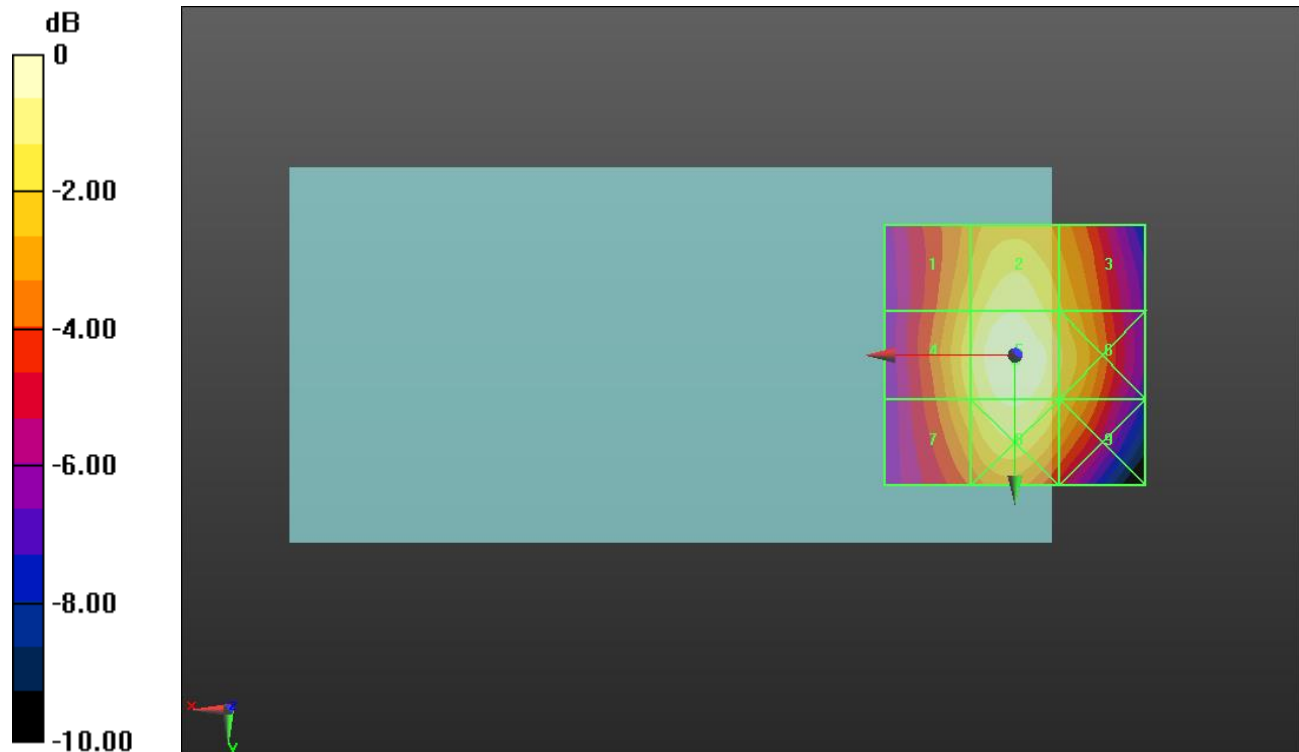
Applied MIF = 3.26 dB

RF audio interference level = 32.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.86 dBV/m	Grid 2 M4 32.14 dBV/m	Grid 3 M4 30.98 dBV/m
Grid 4 M4 31.41 dBV/m	Grid 5 M4 32.82 dBV/m	Grid 6 M4 31.63 dBV/m
Grid 7 M4 30.96 dBV/m	Grid 8 M4 32.3 dBV/m	Grid 9 M4 31.03 dBV/m



0 dB = 43.76 V/m = 32.82 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 = 59.11 V/m; Power Drift = -0.01 dB

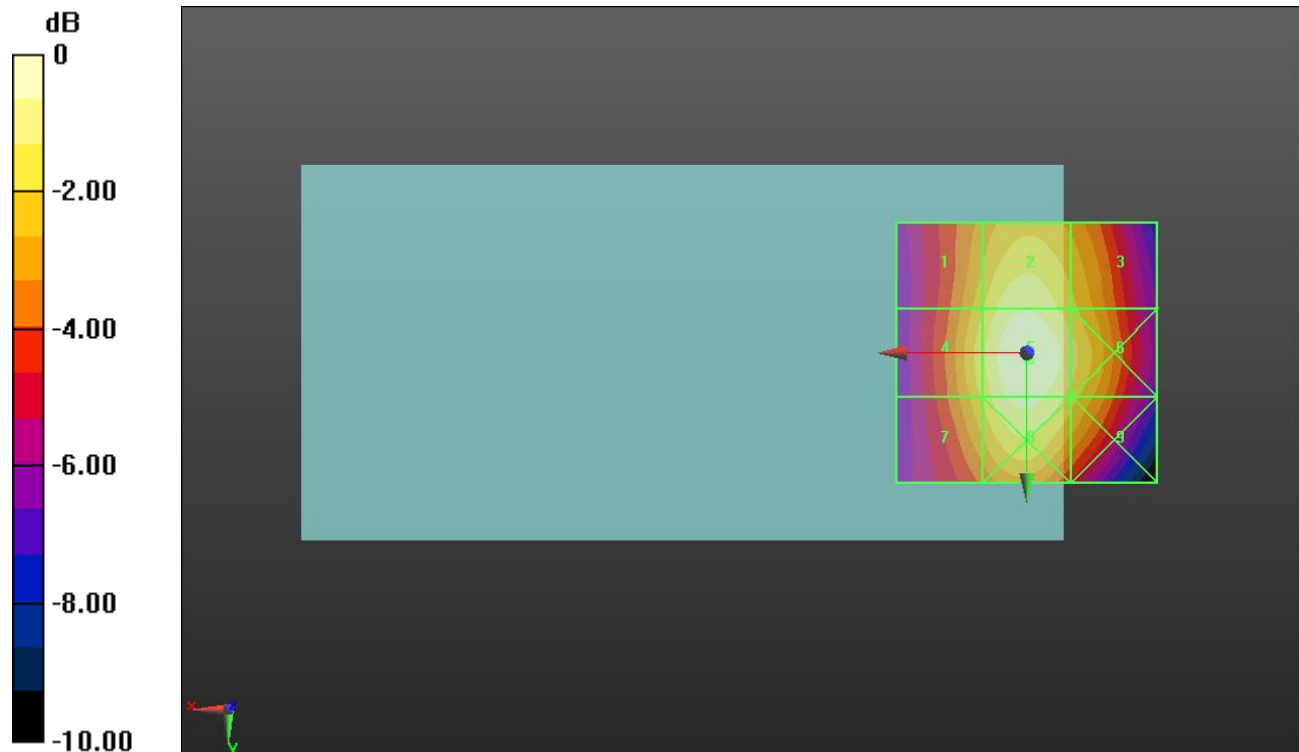
Applied MIF = 3.26 dB

RF audio interference level = 32.96 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.9 dBV/m	Grid 2 M4 32.25 dBV/m	Grid 3 M4 31.23 dBV/m
Grid 4 M4 31.5 dBV/m	Grid 5 M4 32.96 dBV/m	Grid 6 M4 31.94 dBV/m
Grid 7 M4 31.08 dBV/m	Grid 8 M4 32.54 dBV/m	Grid 9 M4 31.3 dBV/m



0 dB = 44.48 V/m = 32.96 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 = 58.87 V/m; Power Drift = 0.06 dB

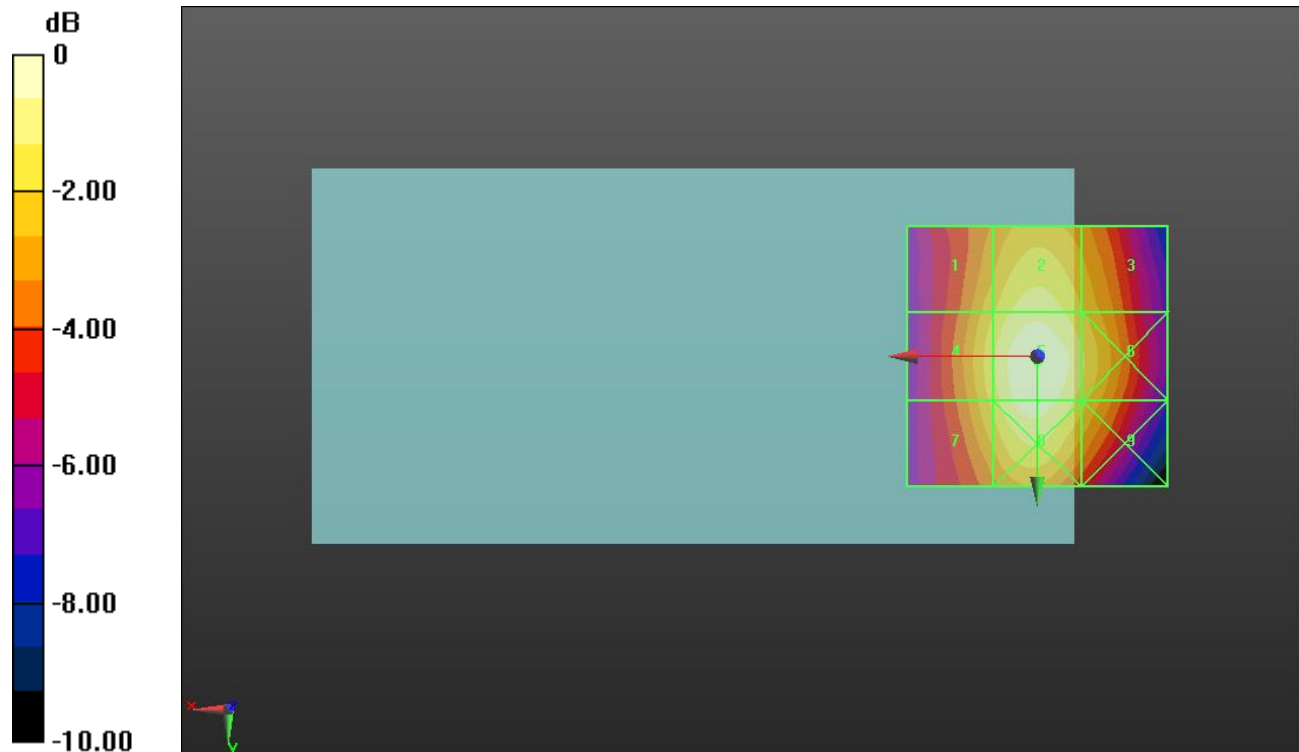
Applied MIF = 3.26 dB

RF audio interference level = 32.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.92 dBV/m	Grid 2 M4 32.13 dBV/m	Grid 3 M4 31.07 dBV/m
Grid 4 M4 31.55 dBV/m	Grid 5 M4 32.98 dBV/m	Grid 6 M4 31.78 dBV/m
Grid 7 M4 31.25 dBV/m	Grid 8 M4 32.63 dBV/m	Grid 9 M4 31.28 dBV/m



0 dB = 44.55 V/m = 32.98 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 = 13.24 V/m; Power Drift = -0.03 dB

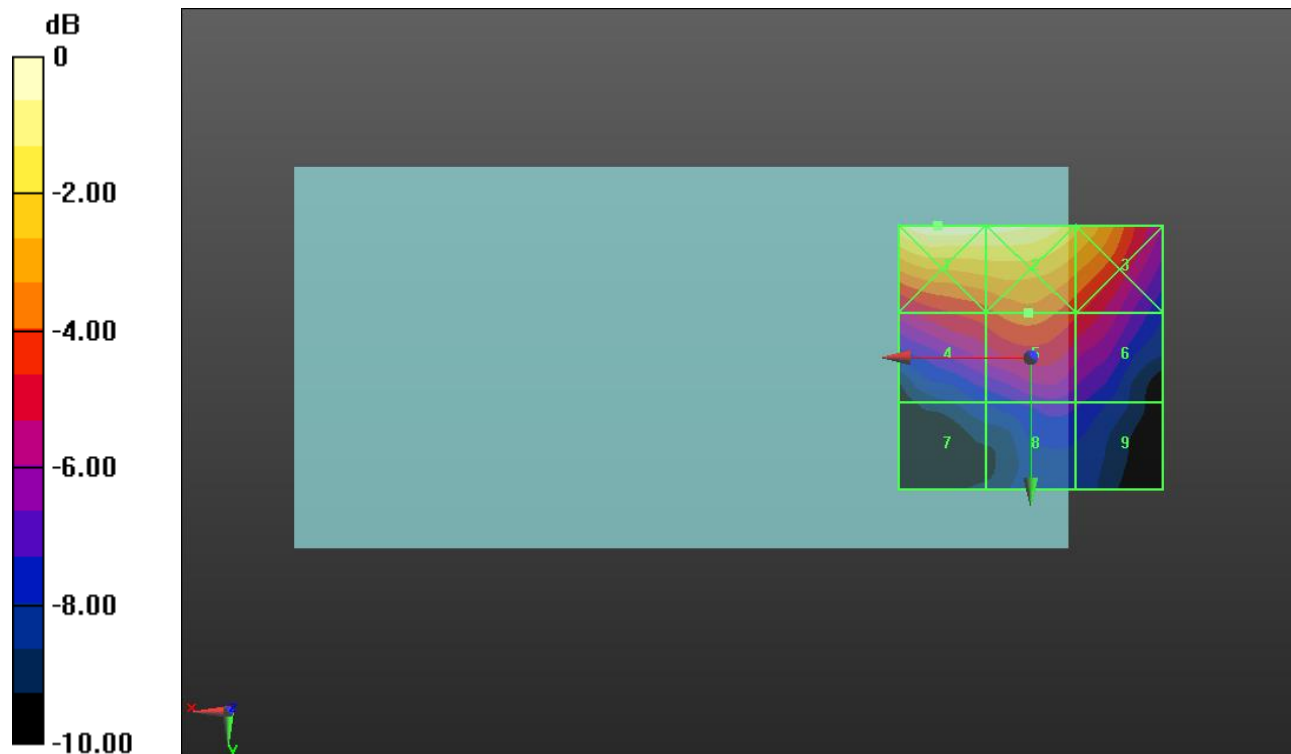
Applied MIF = 3.26 dB

RF audio interference level = 24.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.74 dBV/m	Grid 2 M4 27.53 dBV/m	Grid 3 M4 25.99 dBV/m
Grid 4 M4 23.54 dBV/m	Grid 5 M4 24.15 dBV/m	Grid 6 M4 23.26 dBV/m
Grid 7 M4 19.86 dBV/m	Grid 8 M4 20.91 dBV/m	Grid 9 M4 20.59 dBV/m



0 dB = 24.39 V/m = 27.74 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.33 V/m; Power Drift = -0.02 dB

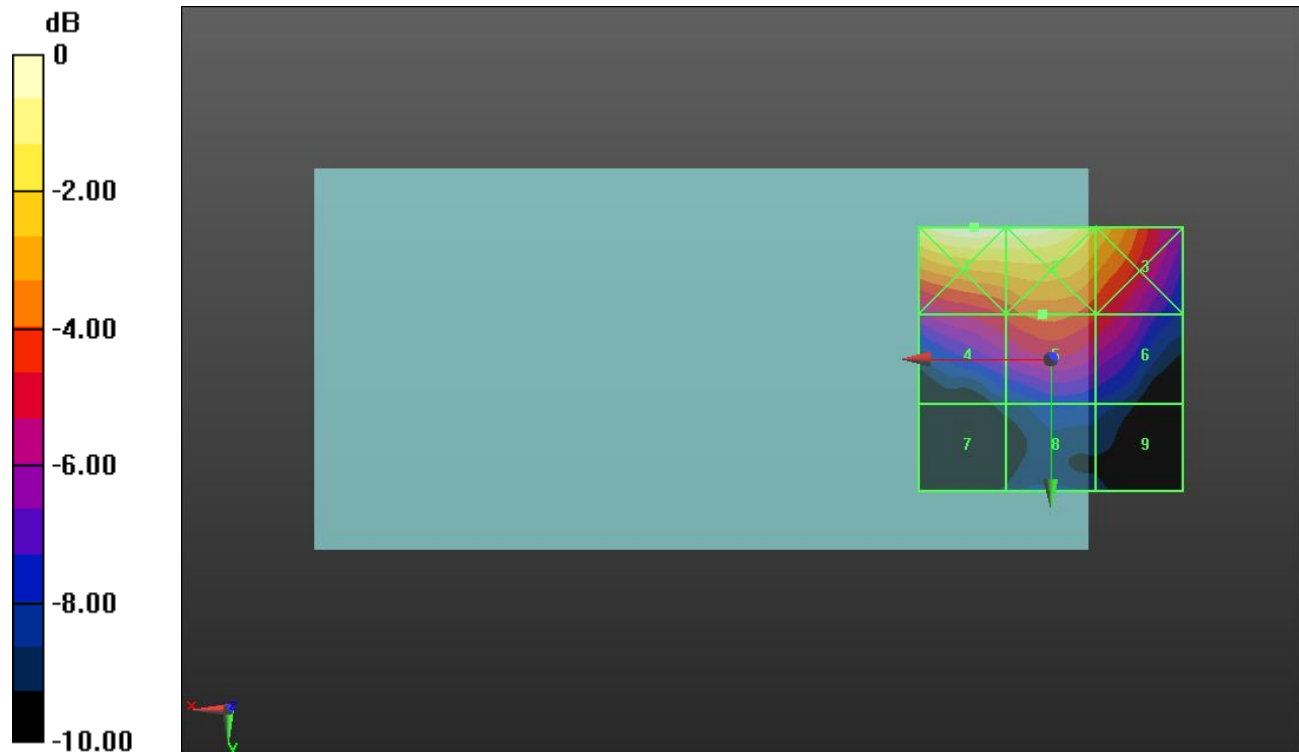
Applied MIF = 3.26 dB

RF audio interference level = 24.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.23 dBV/m	Grid 2 M4 28.08 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 23.75 dBV/m	Grid 5 M4 24.46 dBV/m	Grid 6 M4 23.7 dBV/m
Grid 7 M4 19.37 dBV/m	Grid 8 M4 20.48 dBV/m	Grid 9 M4 20.12 dBV/m



0 dB = 25.80 V/m = 28.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.37 V/m; Power Drift = -0.16 dB

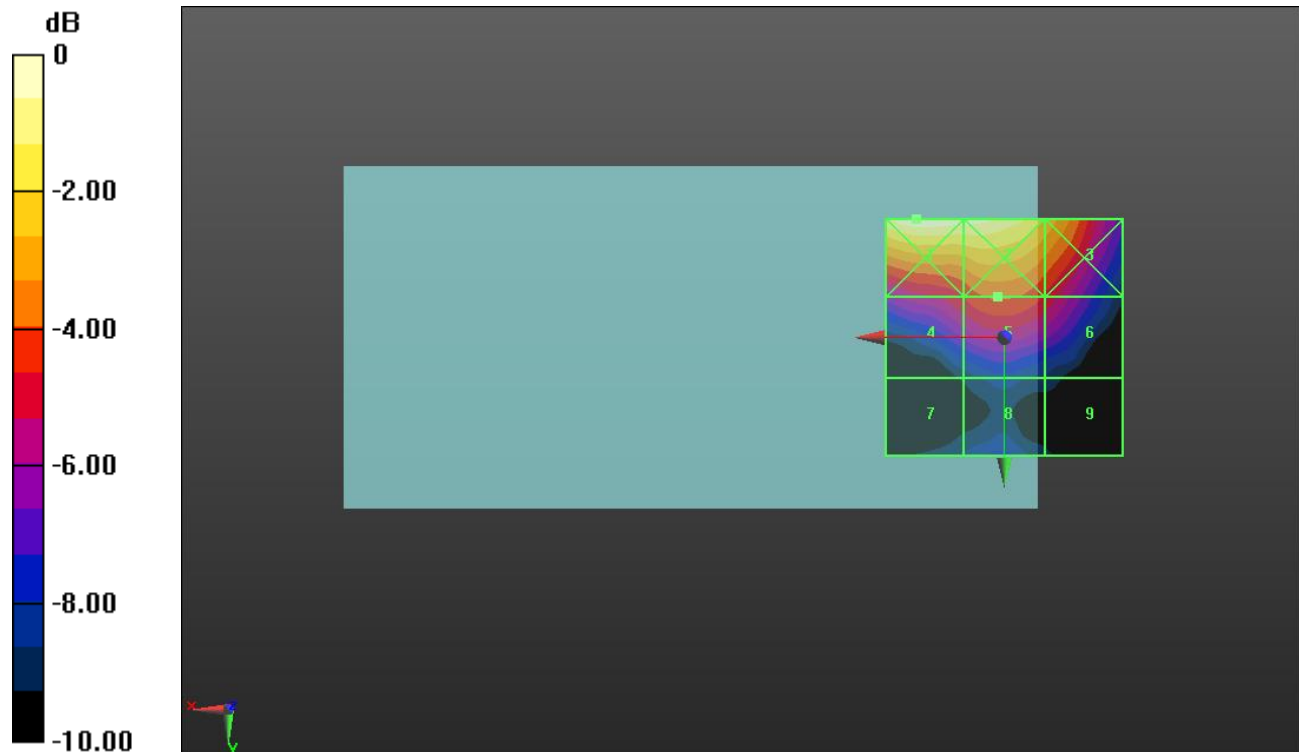
Applied MIF = 3.26 dB

RF audio interference level = 24.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.17 dBV/m	Grid 2 M4 27.91 dBV/m	Grid 3 M4 26.09 dBV/m
Grid 4 M4 23.51 dBV/m	Grid 5 M4 24.26 dBV/m	Grid 6 M4 23.4 dBV/m
Grid 7 M4 19.72 dBV/m	Grid 8 M4 20.58 dBV/m	Grid 9 M4 19.43 dBV/m



0 dB = 25.61 V/m = 28.17 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 = 58.09 V/m; Power Drift = 0.01 dB

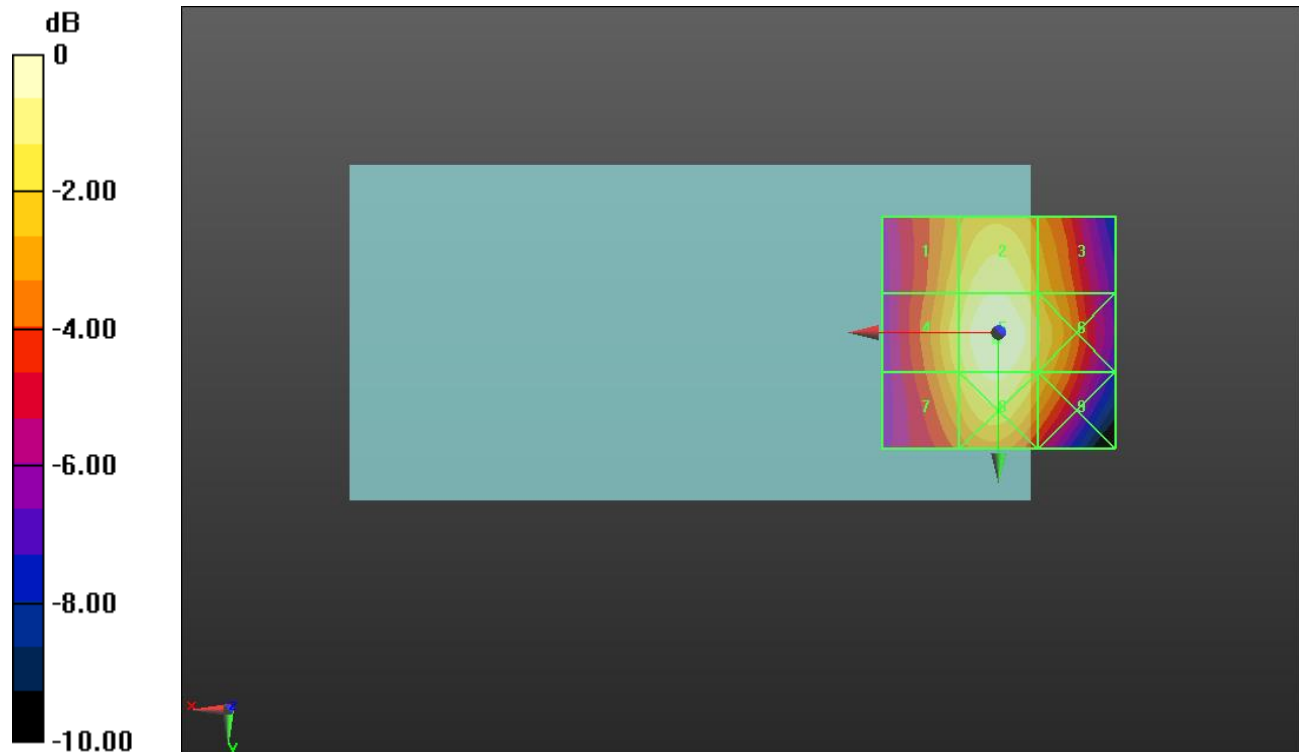
Applied MIF = 3.26 dB

RF audio interference level = 32.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.95 dBV/m	Grid 2 M4 32.14 dBV/m	Grid 3 M4 30.87 dBV/m
Grid 4 M4 31.44 dBV/m	Grid 5 M4 32.77 dBV/m	Grid 6 M4 31.55 dBV/m
Grid 7 M4 30.97 dBV/m	Grid 8 M4 32.3 dBV/m	Grid 9 M4 30.93 dBV/m



0 dB = 43.52 V/m = 32.77 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 = 58.02 V/m; Power Drift = 0.05 dB

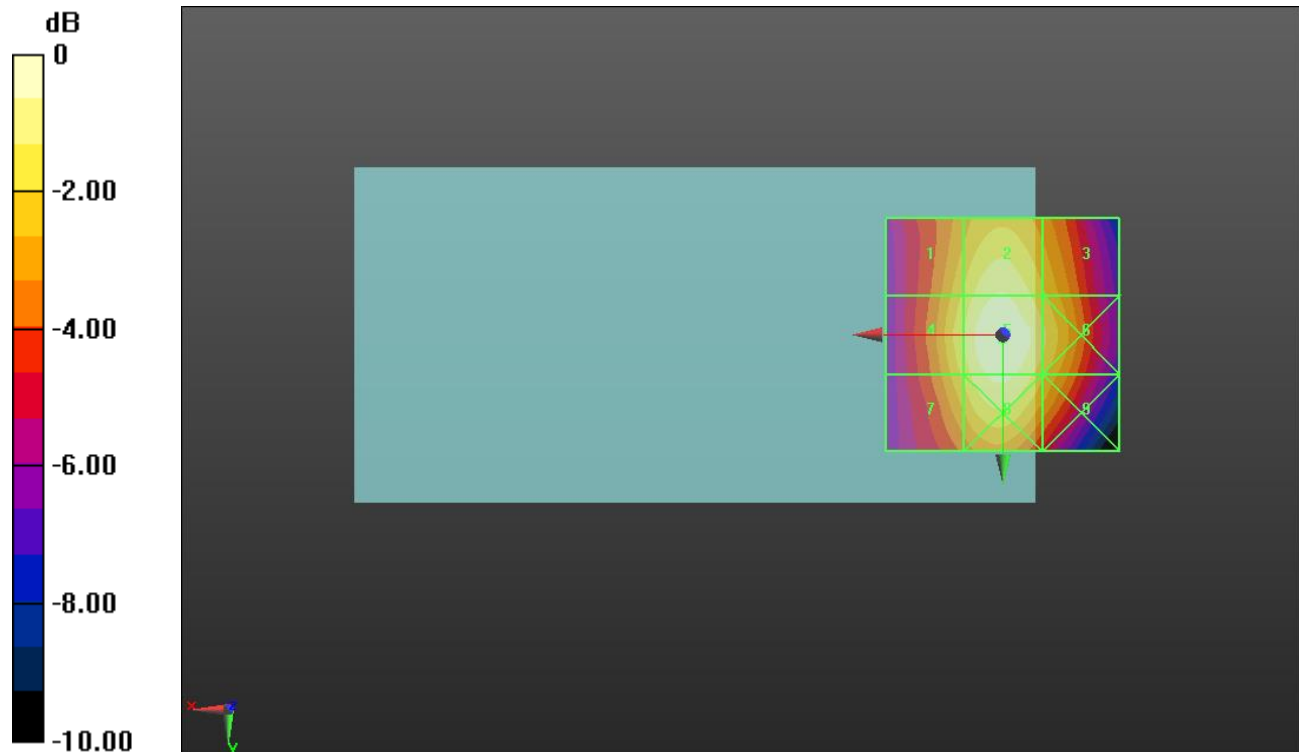
Applied MIF = 3.26 dB

RF audio interference level = 32.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.92 dBV/m	Grid 2 M4 32.18 dBV/m	Grid 3 M4 30.98 dBV/m
Grid 4 M4 31.49 dBV/m	Grid 5 M4 32.8 dBV/m	Grid 6 M4 31.64 dBV/m
Grid 7 M4 30.98 dBV/m	Grid 8 M4 32.34 dBV/m	Grid 9 M4 30.99 dBV/m



0 dB = 43.65 V/m = 32.80 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 = 58.82 V/m; Power Drift = -0.01 dB

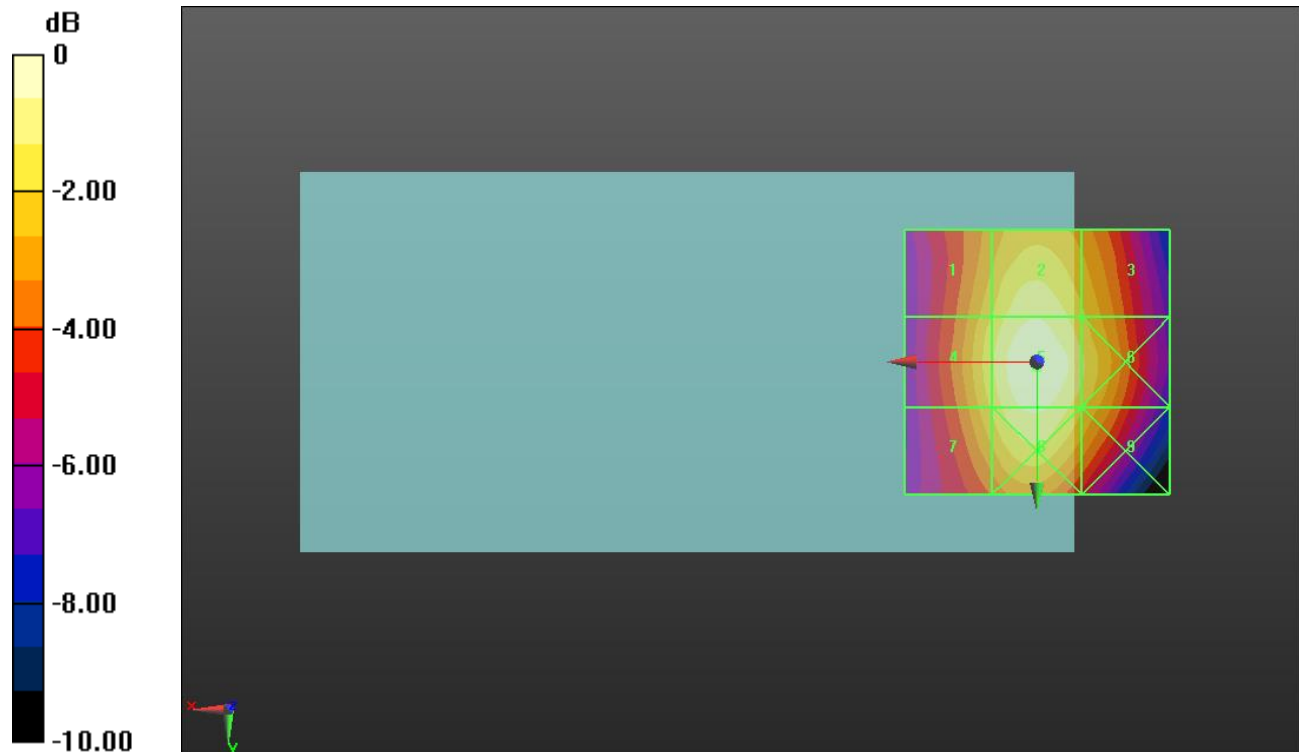
Applied MIF = 3.26 dB

RF audio interference level = 32.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.91 dBV/m	Grid 2 M4 32.2 dBV/m	Grid 3 M4 31.06 dBV/m
Grid 4 M4 31.44 dBV/m	Grid 5 M4 32.89 dBV/m	Grid 6 M4 31.68 dBV/m
Grid 7 M4 31.01 dBV/m	Grid 8 M4 32.37 dBV/m	Grid 9 M4 31.06 dBV/m



0 dB = 44.11 V/m = 32.89 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.23 V/m; Power Drift = -0.00 dB

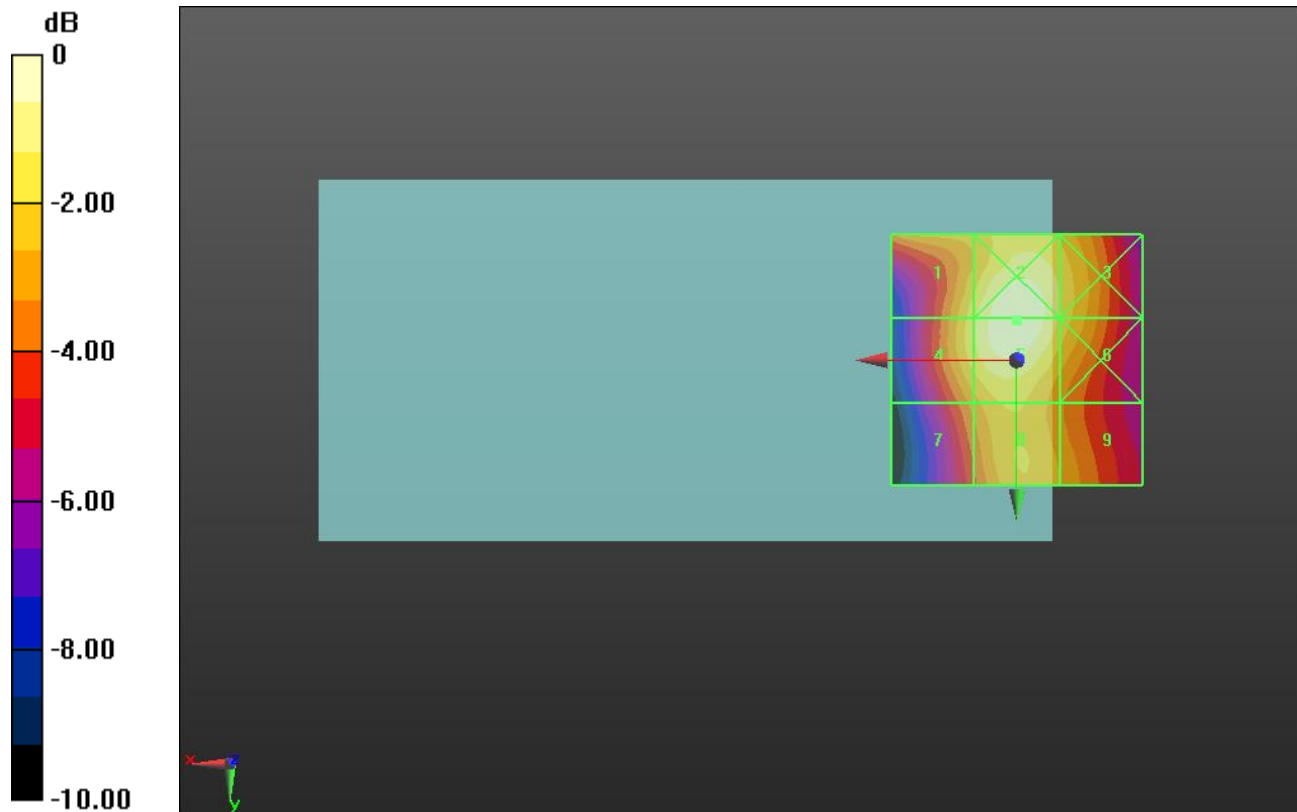
Applied MIF = -1.44 dB

RF audio interference level = 29.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.11 dBV/m	Grid 2 M4 29.6 dBV/m	Grid 3 M4 28.29 dBV/m
Grid 4 M4 28.23 dBV/m	Grid 5 M4 29.6 dBV/m	Grid 6 M4 28.2 dBV/m
Grid 7 M4 26.65 dBV/m	Grid 8 M4 27.72 dBV/m	Grid 9 M4 26.97 dBV/m



0 dB = 30.21 V/m = 29.60 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 50.28 V/m; Power Drift = -0.00 dB

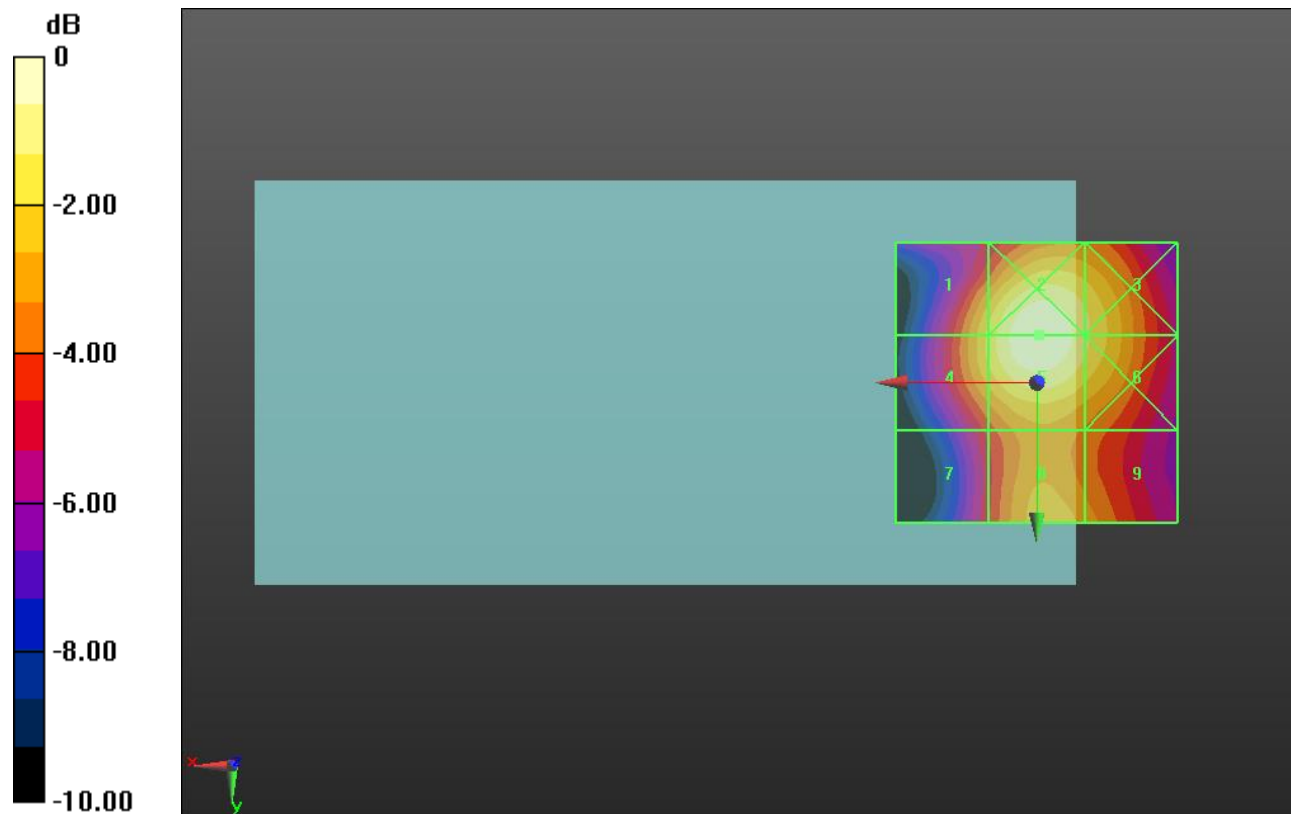
Applied MIF = -1.44 dB

RF audio interference level = 29.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.99 dBV/m	Grid 2 M4 29.77 dBV/m	Grid 3 M4 28.66 dBV/m
Grid 4 M4 28.02 dBV/m	Grid 5 M4 29.77 dBV/m	Grid 6 M4 28.66 dBV/m
Grid 7 M4 25.44 dBV/m	Grid 8 M4 27.54 dBV/m	Grid 9 M4 26.89 dBV/m



0 dB = 30.81 V/m = 29.77 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 = 54.48 V/m; Power Drift = 0.05 dB

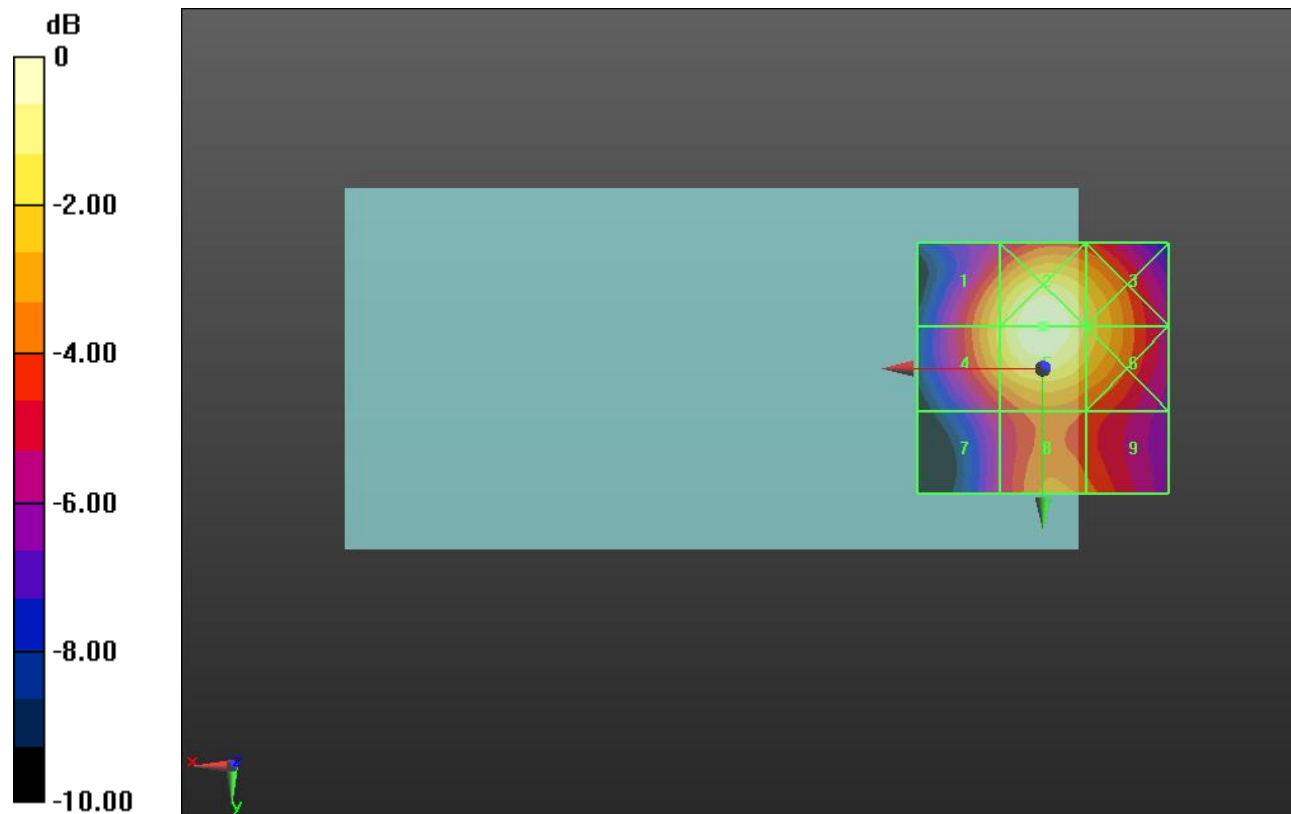
Applied MIF = -1.44 dB

RF audio interference level = 30.52 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.81 dBV/m	Grid 2 M3 30.52 dBV/m	Grid 3 M4 29.14 dBV/m
Grid 4 M4 28.83 dBV/m	Grid 5 M3 30.52 dBV/m	Grid 6 M4 29.14 dBV/m
Grid 7 M4 25.61 dBV/m	Grid 8 M4 27.43 dBV/m	Grid 9 M4 26.9 dBV/m



0 dB = 33.58 V/m = 30.52 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 = 56.78 V/m; Power Drift = 0.06 dB

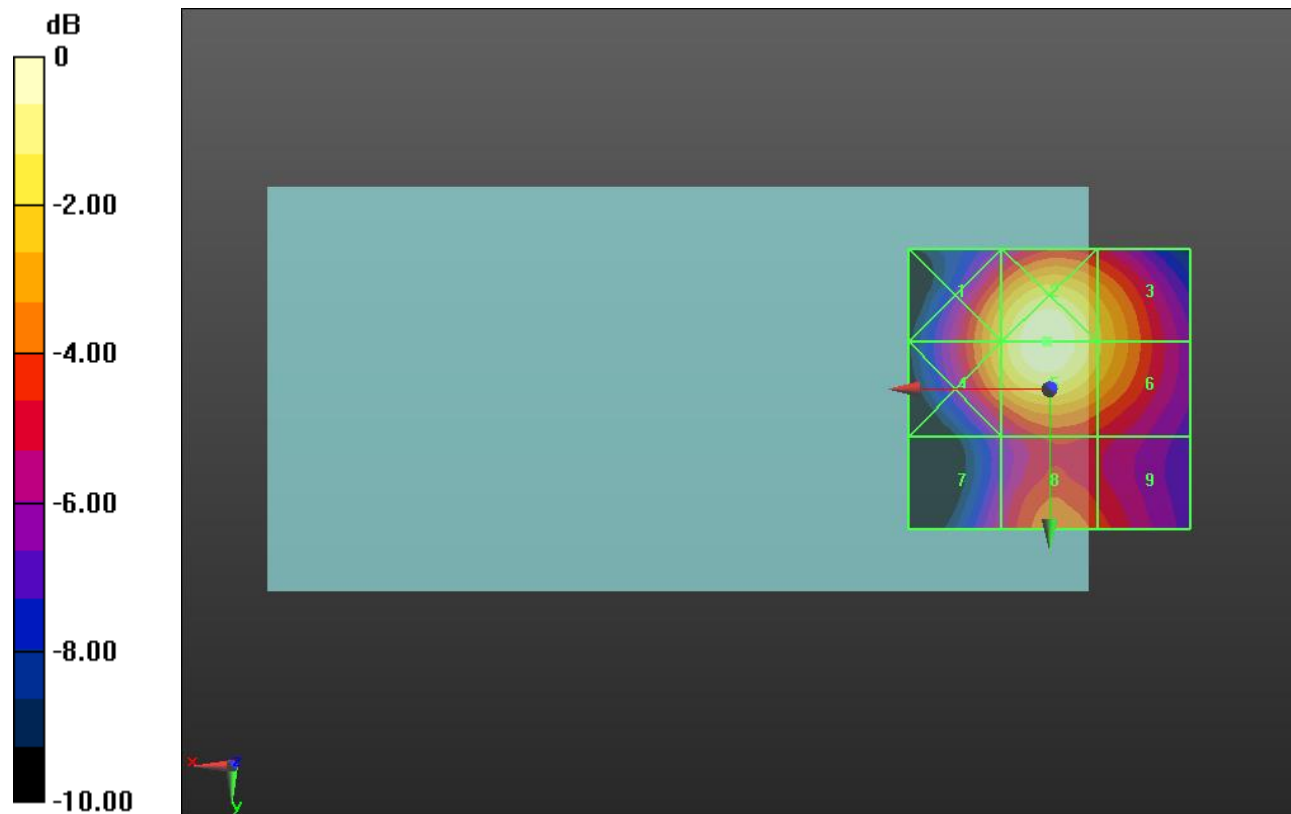
Applied MIF = -1.44 dB

RF audio interference level = 30.83 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.1 dBV/m	Grid 2 M3 30.83 dBV/m	Grid 3 M4 29.08 dBV/m
Grid 4 M4 29.11 dBV/m	Grid 5 M3 30.83 dBV/m	Grid 6 M4 29.08 dBV/m
Grid 7 M4 25.38 dBV/m	Grid 8 M4 27.36 dBV/m	Grid 9 M4 26.62 dBV/m



0 dB = 34.80 V/m = 30.83 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 51.74 V/m; Power Drift = 0.00 dB

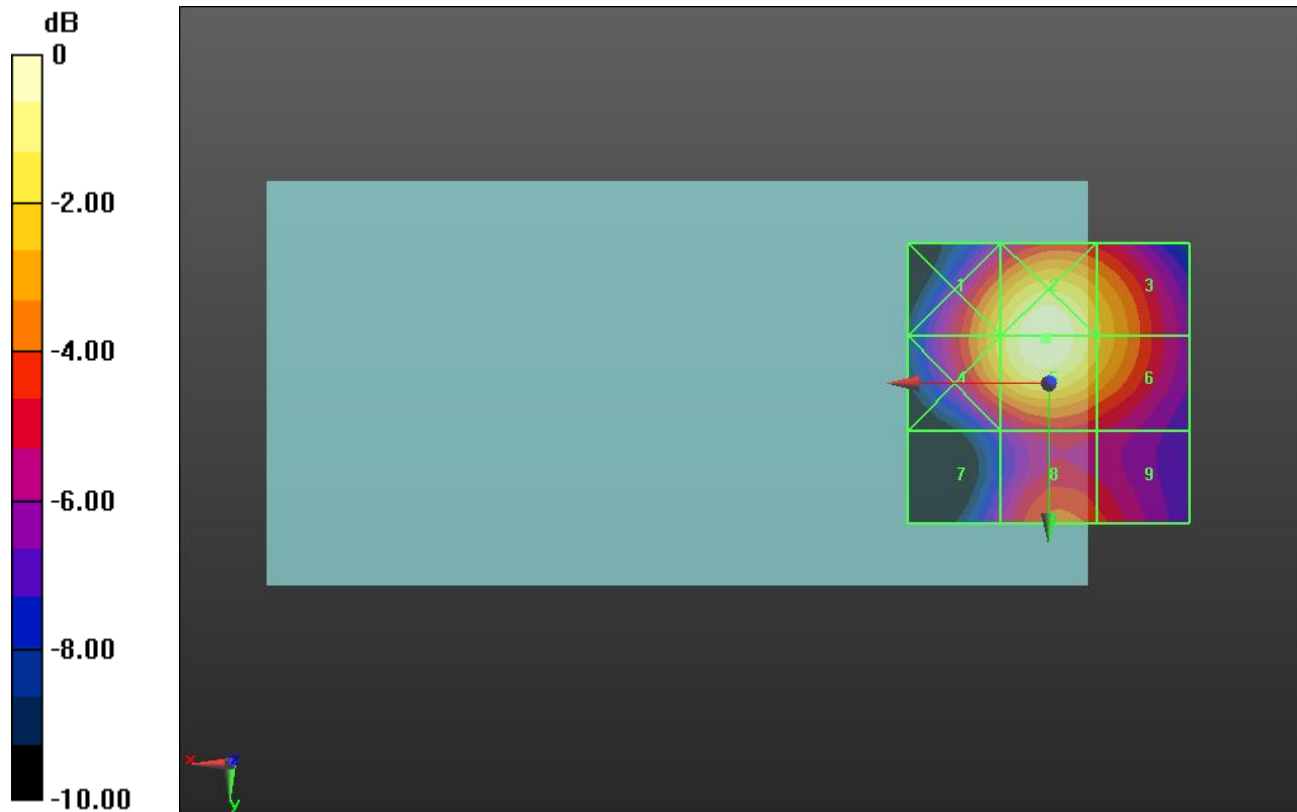
Applied MIF = -1.44 dB

RF audio interference level = 29.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.3 dBV/m	Grid 2 M4 29.9 dBV/m	Grid 3 M4 28.14 dBV/m
Grid 4 M4 28.32 dBV/m	Grid 5 M4 29.9 dBV/m	Grid 6 M4 28.14 dBV/m
Grid 7 M4 23.98 dBV/m	Grid 8 M4 26.24 dBV/m	Grid 9 M4 25.62 dBV/m



0 dB = 31.27 V/m = 29.90 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 = 14.11 V/m; Power Drift = -0.13 dB

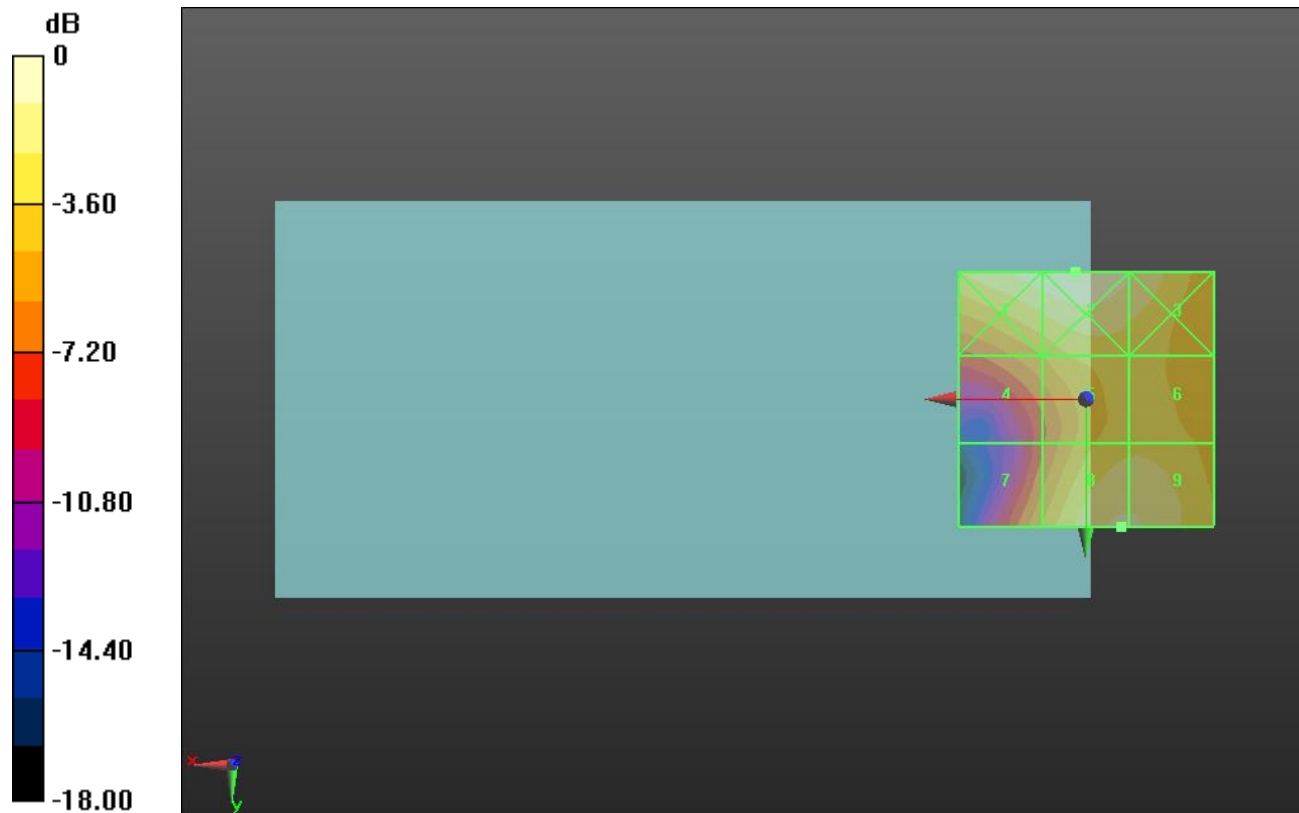
Applied MIF = 3.63 dB

RF audio interference level = 27.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.01 dBV/m	Grid 2 M4 28.43 dBV/m	Grid 3 M4 27.42 dBV/m
Grid 4 M4 23.67 dBV/m	Grid 5 M4 25.72 dBV/m	Grid 6 M4 25.77 dBV/m
Grid 7 M4 23.84 dBV/m	Grid 8 M4 27.41 dBV/m	Grid 9 M4 27.39 dBV/m



0 dB = 26.40 V/m = 28.43 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 = 15.28 V/m; Power Drift = 0.01 dB

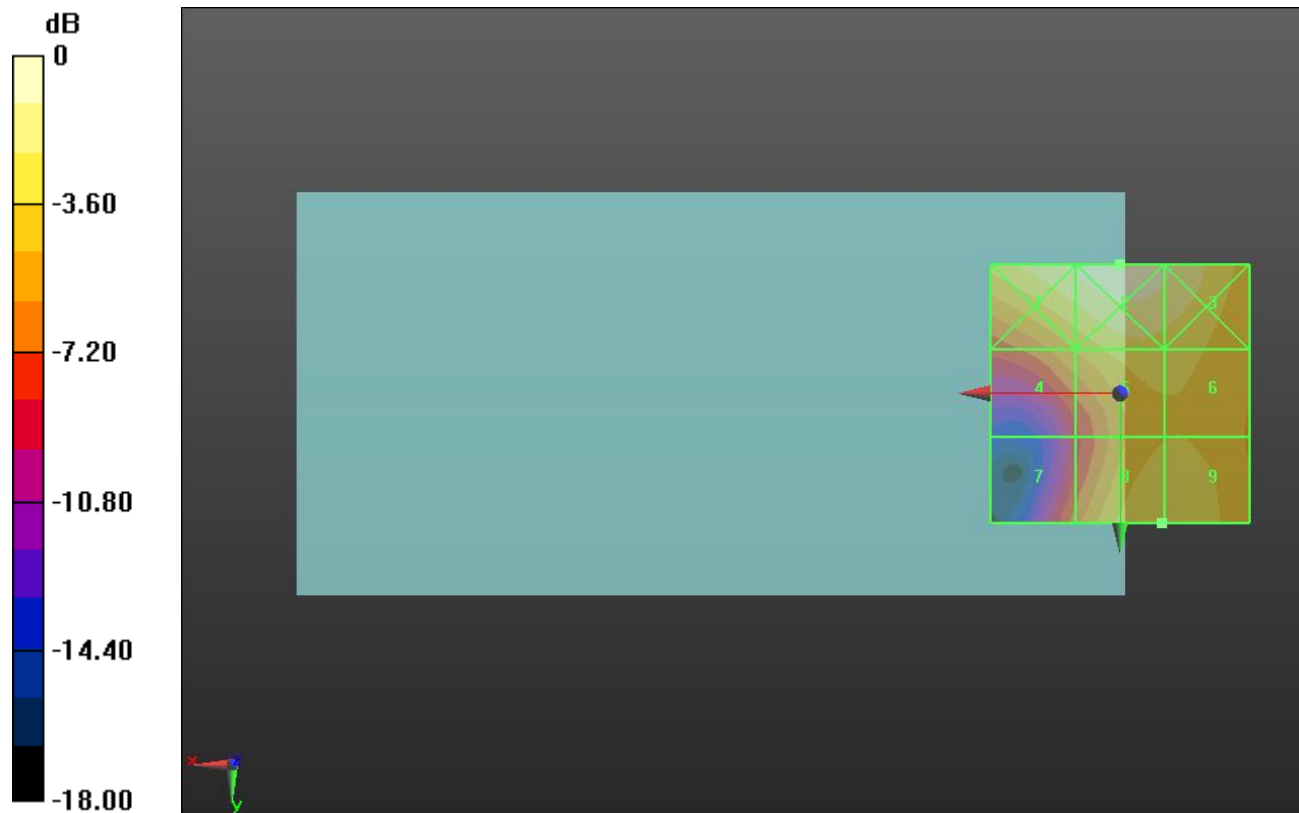
Applied MIF = 3.63 dB

RF audio interference level = 27.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.82 dBV/m	Grid 2 M4 29.58 dBV/m	Grid 3 M4 28.79 dBV/m
Grid 4 M4 24.9 dBV/m	Grid 5 M4 26.83 dBV/m	Grid 6 M4 26.69 dBV/m
Grid 7 M4 23.1 dBV/m	Grid 8 M4 27.23 dBV/m	Grid 9 M4 27.23 dBV/m



0 dB = 30.14 V/m = 29.58 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 = 15.32 V/m; Power Drift = -0.04 dB

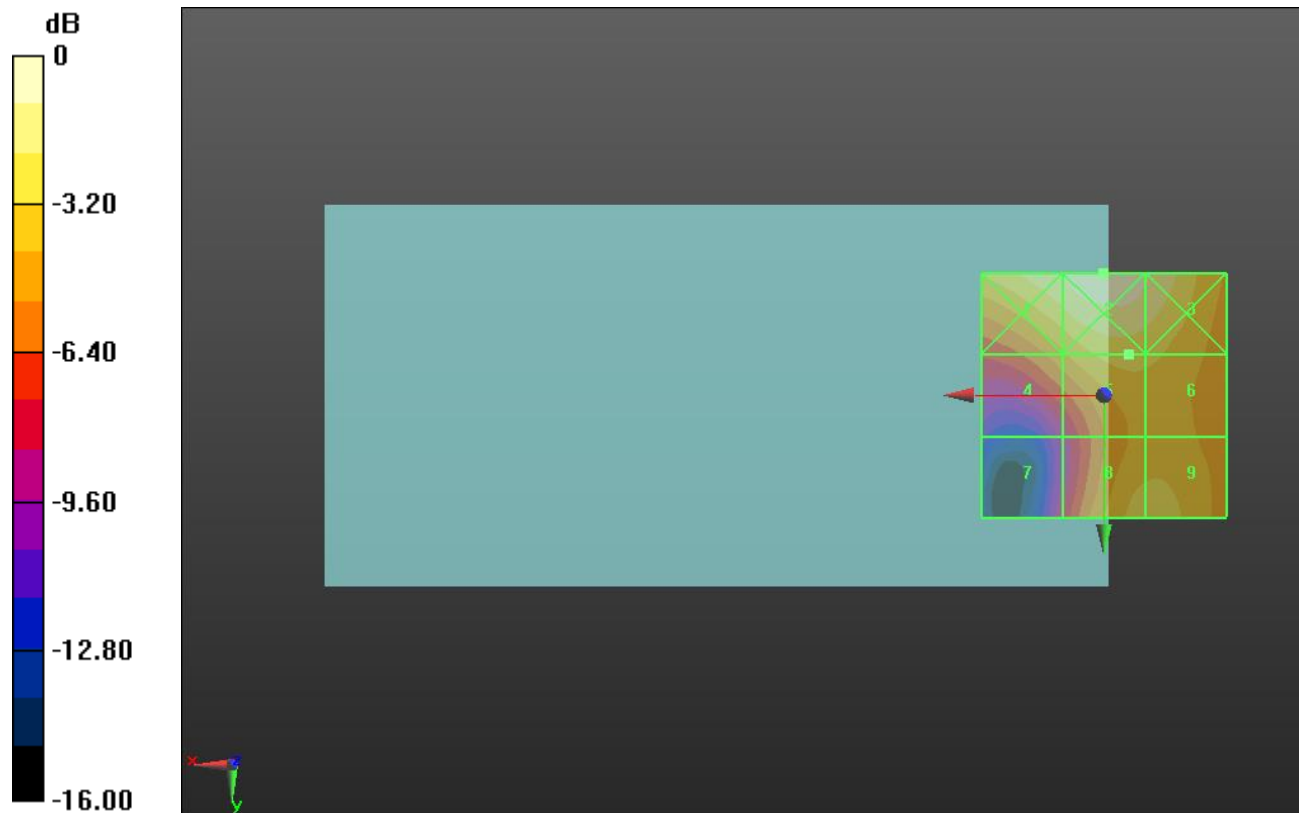
Applied MIF = 3.63 dB

RF audio interference level = 26.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.51 dBV/m	Grid 2 M4 29.28 dBV/m	Grid 3 M4 28.47 dBV/m
Grid 4 M4 24.8 dBV/m	Grid 5 M4 26.59 dBV/m	Grid 6 M4 26.45 dBV/m
Grid 7 M4 20.85 dBV/m	Grid 8 M4 26.54 dBV/m	Grid 9 M4 26.56 dBV/m



0 dB = 29.11 V/m = 29.28 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.99 V/m; Power Drift = -0.06 dB

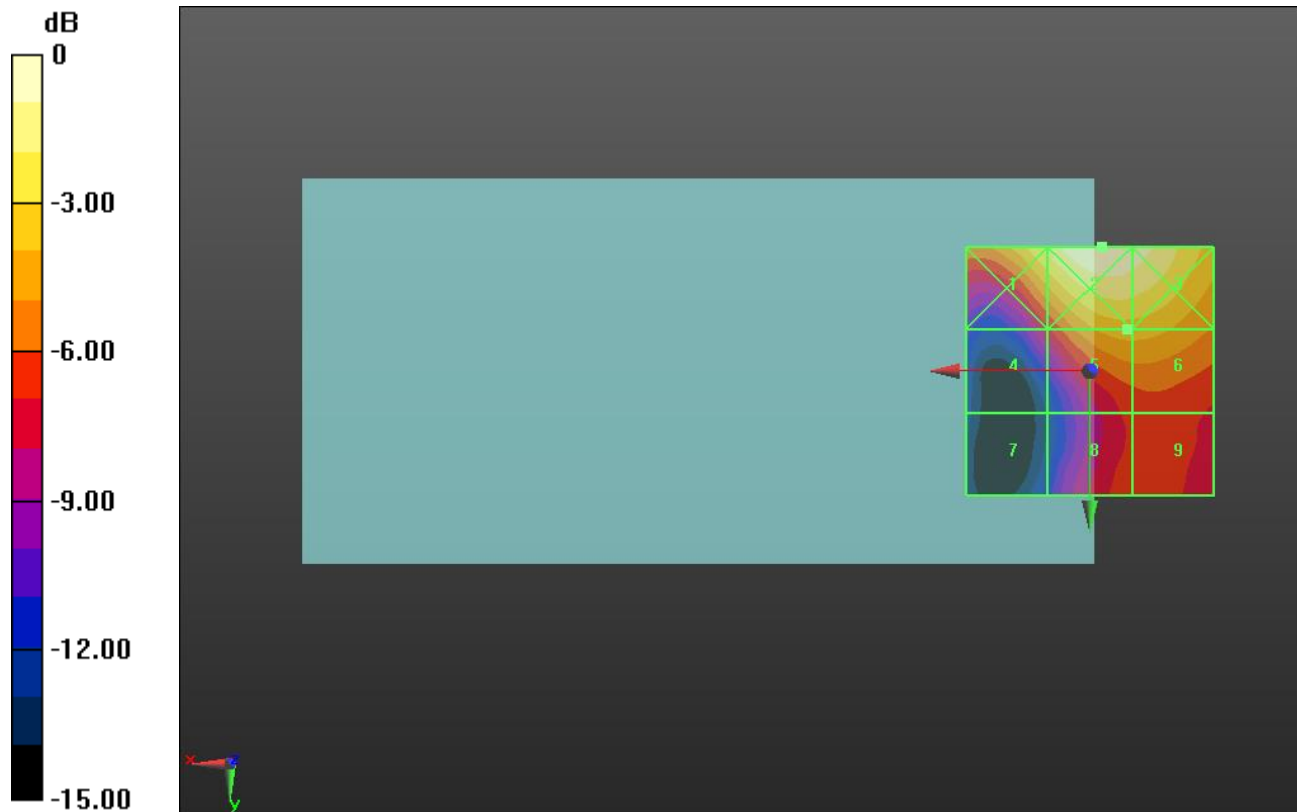
Applied MIF = -1.44 dB

RF audio interference level = 23.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.14 dBV/m	Grid 2 M4 26.79 dBV/m	Grid 3 M4 26.34 dBV/m
Grid 4 M4 19.58 dBV/m	Grid 5 M4 23.34 dBV/m	Grid 6 M4 23.33 dBV/m
Grid 7 M4 15.49 dBV/m	Grid 8 M4 20.21 dBV/m	Grid 9 M4 20.37 dBV/m



0 dB = 21.84 V/m = 26.79 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 16.92 V/m; Power Drift = -0.02 dB

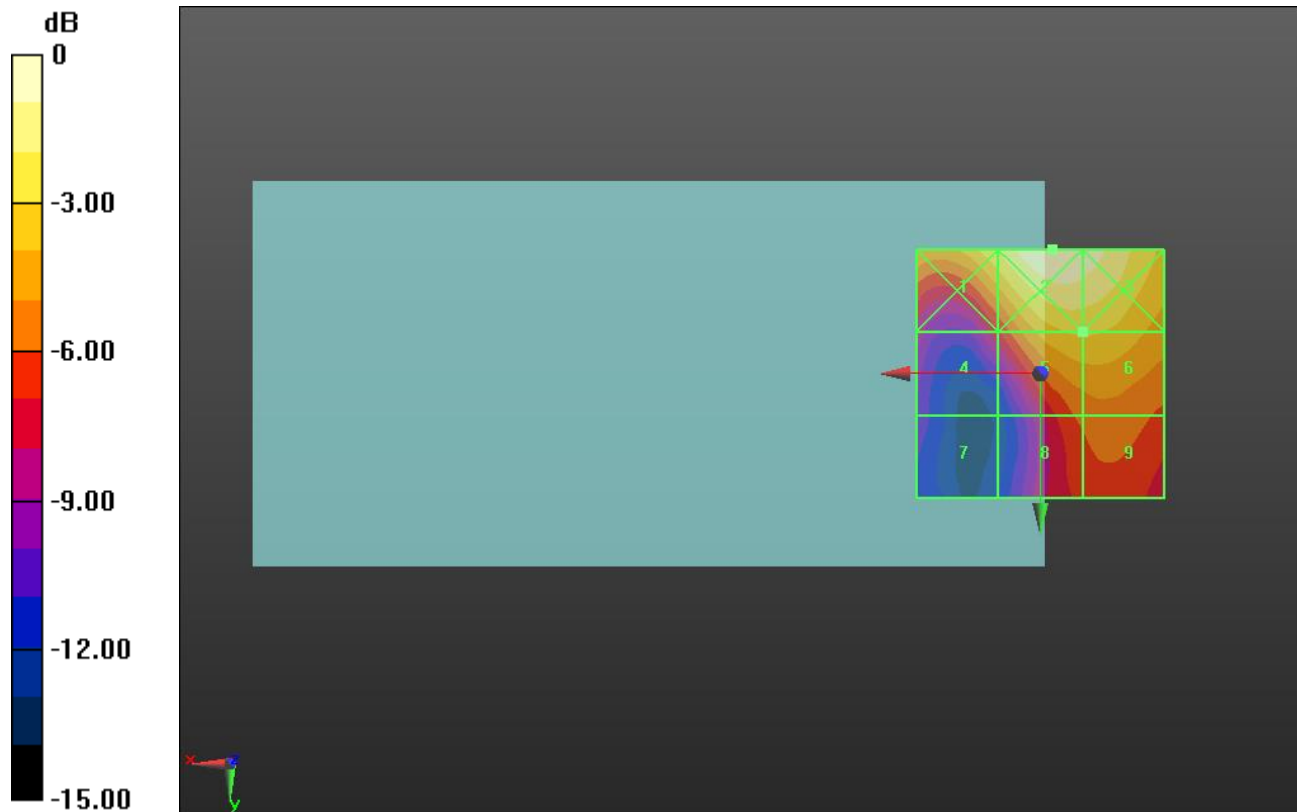
Applied MIF = -1.44 dB

RF audio interference level = 24.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.11 dBV/m	Grid 2 M4 27.05 dBV/m	Grid 3 M4 26.67 dBV/m
Grid 4 M4 19.98 dBV/m	Grid 5 M4 24.2 dBV/m	Grid 6 M4 24.2 dBV/m
Grid 7 M4 16.81 dBV/m	Grid 8 M4 21.35 dBV/m	Grid 9 M4 21.73 dBV/m



0 dB = 22.52 V/m = 27.05 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 = 18.30 V/m; Power Drift = 0.02 dB

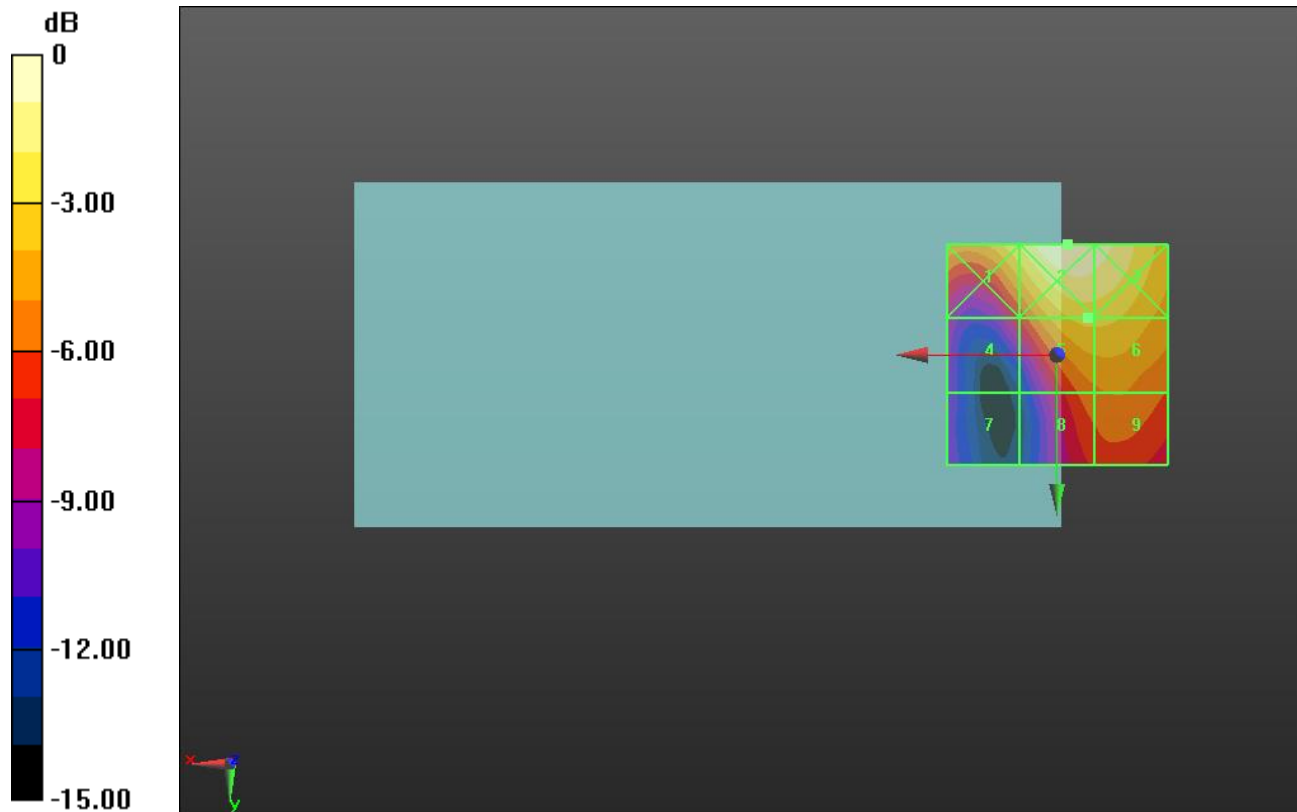
Applied MIF = -1.44 dB

RF audio interference level = 24.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.26 dBV/m	Grid 2 M4 27.17 dBV/m	Grid 3 M4 26.77 dBV/m
Grid 4 M4 20.34 dBV/m	Grid 5 M4 24.56 dBV/m	Grid 6 M4 24.54 dBV/m
Grid 7 M4 17.3 dBV/m	Grid 8 M4 21.96 dBV/m	Grid 9 M4 22.25 dBV/m



0 dB = 22.83 V/m = 27.17 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 = 17.68 V/m; Power Drift = -0.03 dB

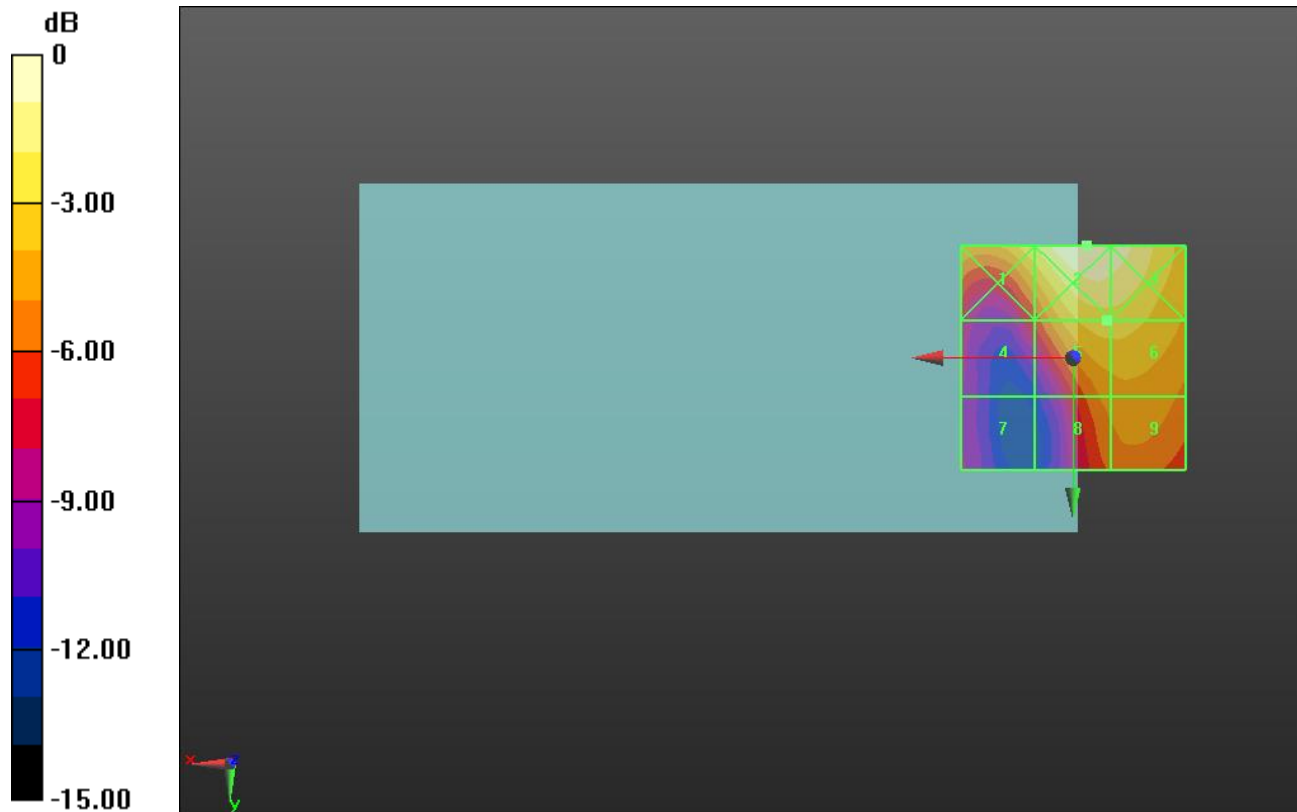
Applied MIF = -1.44 dB

RF audio interference level = 24.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.78 dBV/m	Grid 2 M4 26.71 dBV/m	Grid 3 M4 26.38 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 24.31 dBV/m	Grid 6 M4 24.31 dBV/m
Grid 7 M4 17.92 dBV/m	Grid 8 M4 22.16 dBV/m	Grid 9 M4 22.43 dBV/m



0 dB = 21.65 V/m = 26.71 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 = 17.07 V/m; Power Drift = -0.05 dB

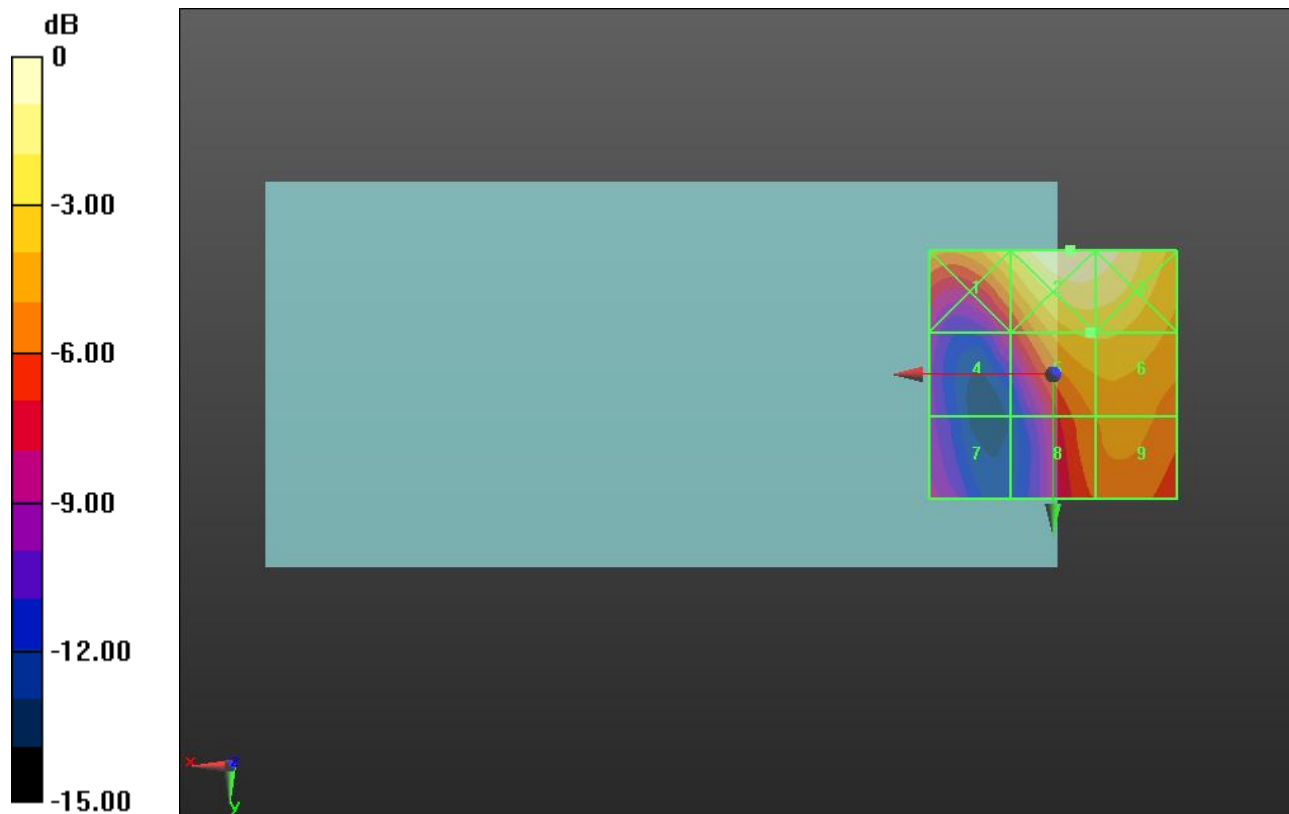
Applied MIF = -1.44 dB

RF audio interference level = 24.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.75 dBV/m	Grid 2 M4 26.79 dBV/m	Grid 3 M4 26.46 dBV/m
Grid 4 M4 19.23 dBV/m	Grid 5 M4 24.01 dBV/m	Grid 6 M4 24 dBV/m
Grid 7 M4 18.24 dBV/m	Grid 8 M4 21.83 dBV/m	Grid 9 M4 22.27 dBV/m



0 dB = 21.84 V/m = 26.79 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.23 V/m; Power Drift = -0.04 dB

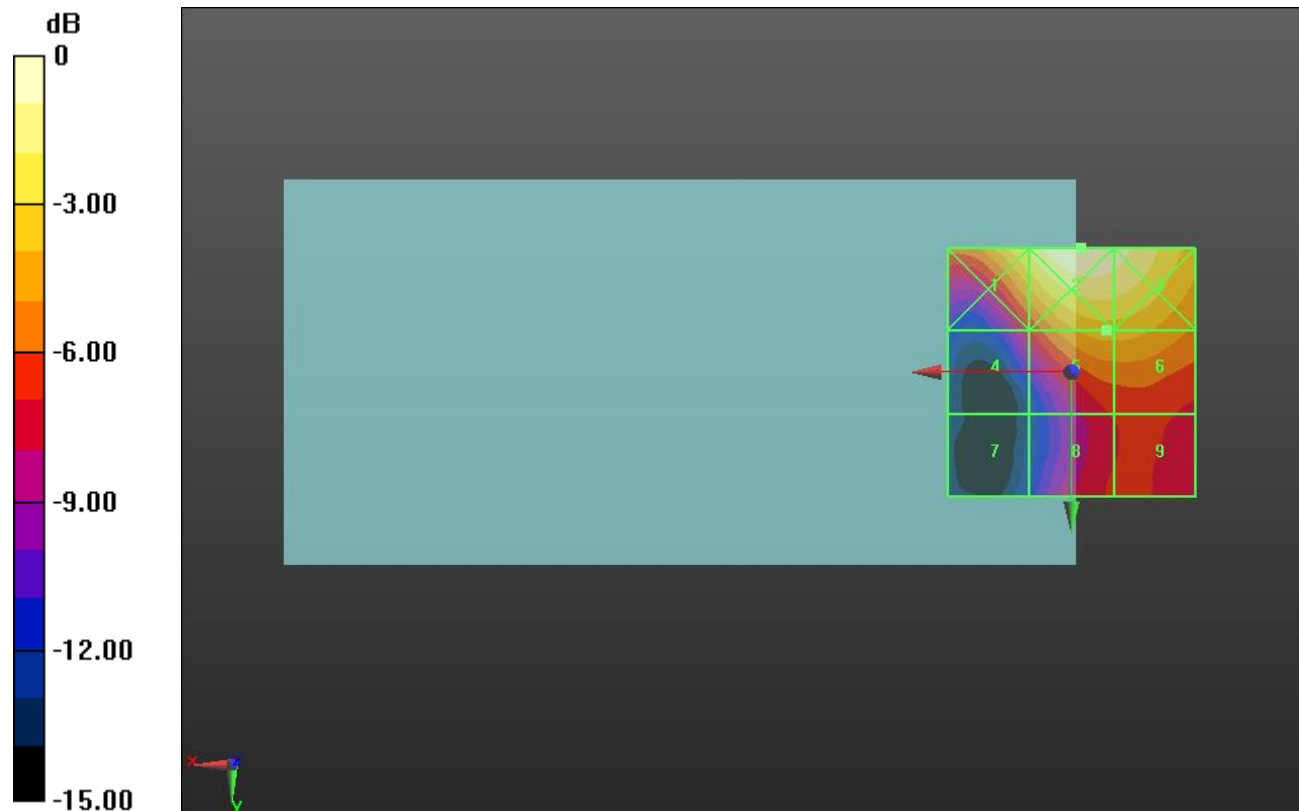
Applied MIF = -1.44 dB

RF audio interference level = 23.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.18 dBV/m	Grid 2 M4 26.88 dBV/m	Grid 3 M4 26.44 dBV/m
Grid 4 M4 19.8 dBV/m	Grid 5 M4 23.42 dBV/m	Grid 6 M4 23.41 dBV/m
Grid 7 M4 15.28 dBV/m	Grid 8 M4 20.04 dBV/m	Grid 9 M4 20.28 dBV/m



0 dB = 22.08 V/m = 26.88 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 17.16 V/m; Power Drift = 0.13 dB

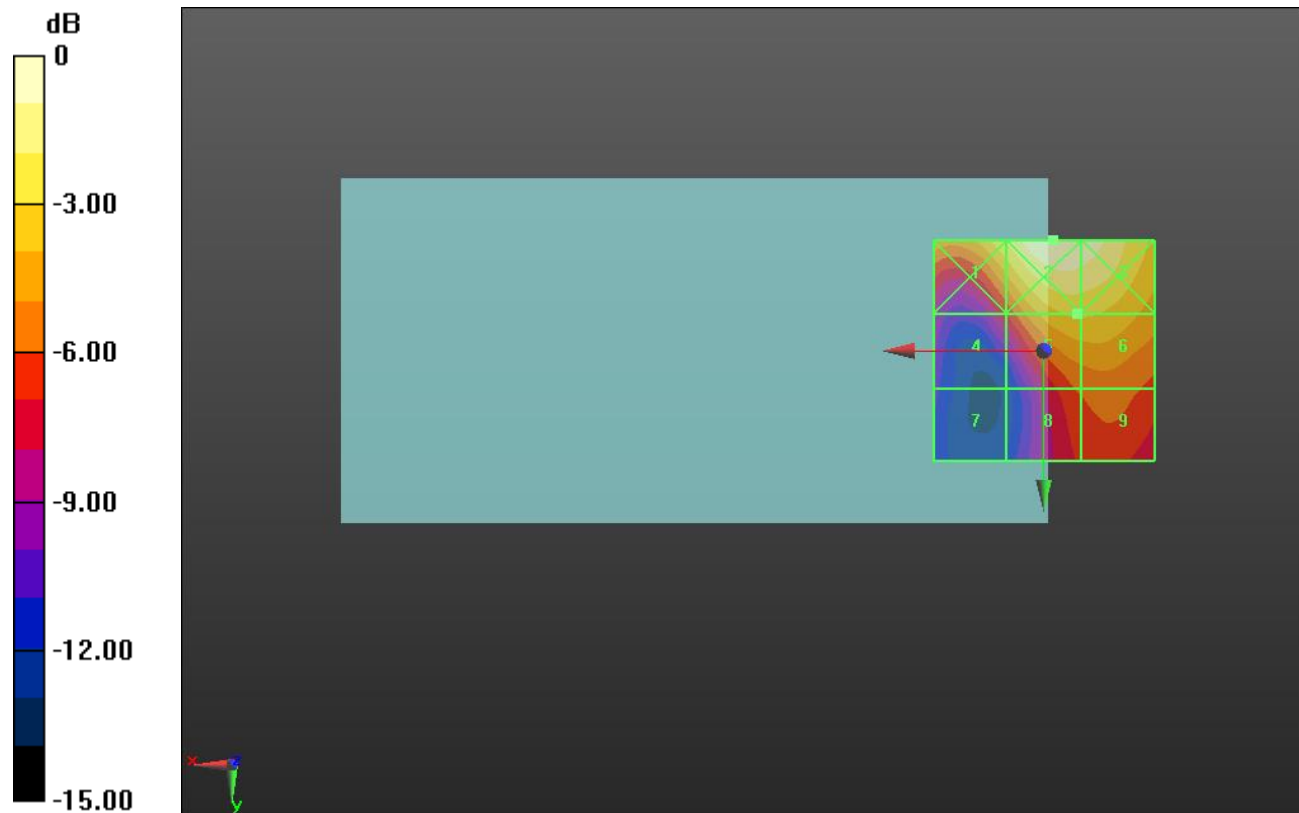
Applied MIF = -1.44 dB

RF audio interference level = 24.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.22 dBV/m	Grid 2 M4 27.13 dBV/m	Grid 3 M4 26.81 dBV/m
Grid 4 M4 20.19 dBV/m	Grid 5 M4 24.32 dBV/m	Grid 6 M4 24.32 dBV/m
Grid 7 M4 16.75 dBV/m	Grid 8 M4 21.35 dBV/m	Grid 9 M4 21.73 dBV/m



0 dB = 22.73 V/m = 27.13 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 = 18.70 V/m; Power Drift = -0.04 dB

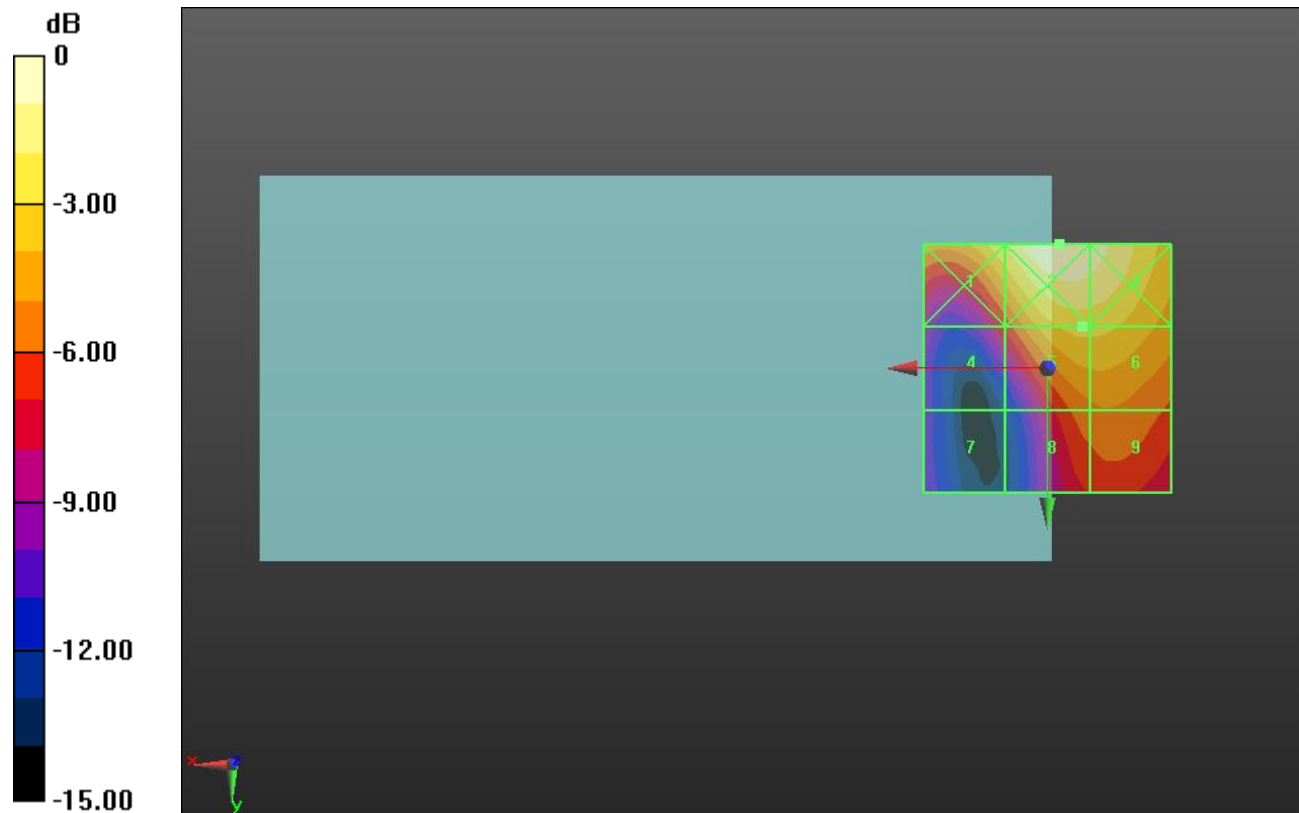
Applied MIF = -1.44 dB

RF audio interference level = 24.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.32 dBV/m	Grid 2 M4 27.24 dBV/m	Grid 3 M4 26.82 dBV/m
Grid 4 M4 20.56 dBV/m	Grid 5 M4 24.65 dBV/m	Grid 6 M4 24.62 dBV/m
Grid 7 M4 17.09 dBV/m	Grid 8 M4 22 dBV/m	Grid 9 M4 22.21 dBV/m



0 dB = 23.03 V/m = 27.25 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 = 18.00 V/m; Power Drift = 0.02 dB

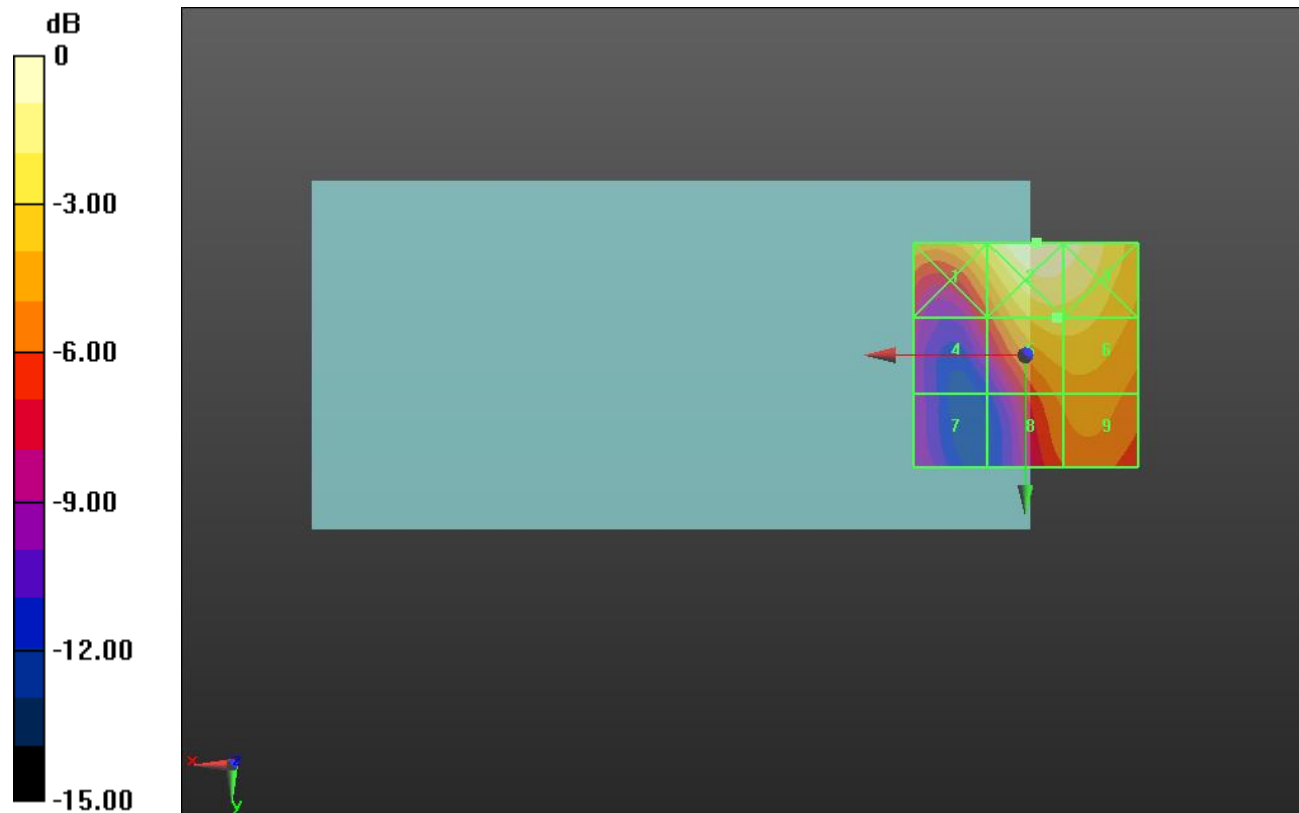
Applied MIF = -1.44 dB

RF audio interference level = 24.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.8 dBV/m	Grid 2 M4 26.79 dBV/m	Grid 3 M4 26.39 dBV/m
Grid 4 M4 20.35 dBV/m	Grid 5 M4 24.4 dBV/m	Grid 6 M4 24.36 dBV/m
Grid 7 M4 17.95 dBV/m	Grid 8 M4 22.14 dBV/m	Grid 9 M4 22.44 dBV/m



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

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 17.14 V/m; Power Drift = -0.01 dB

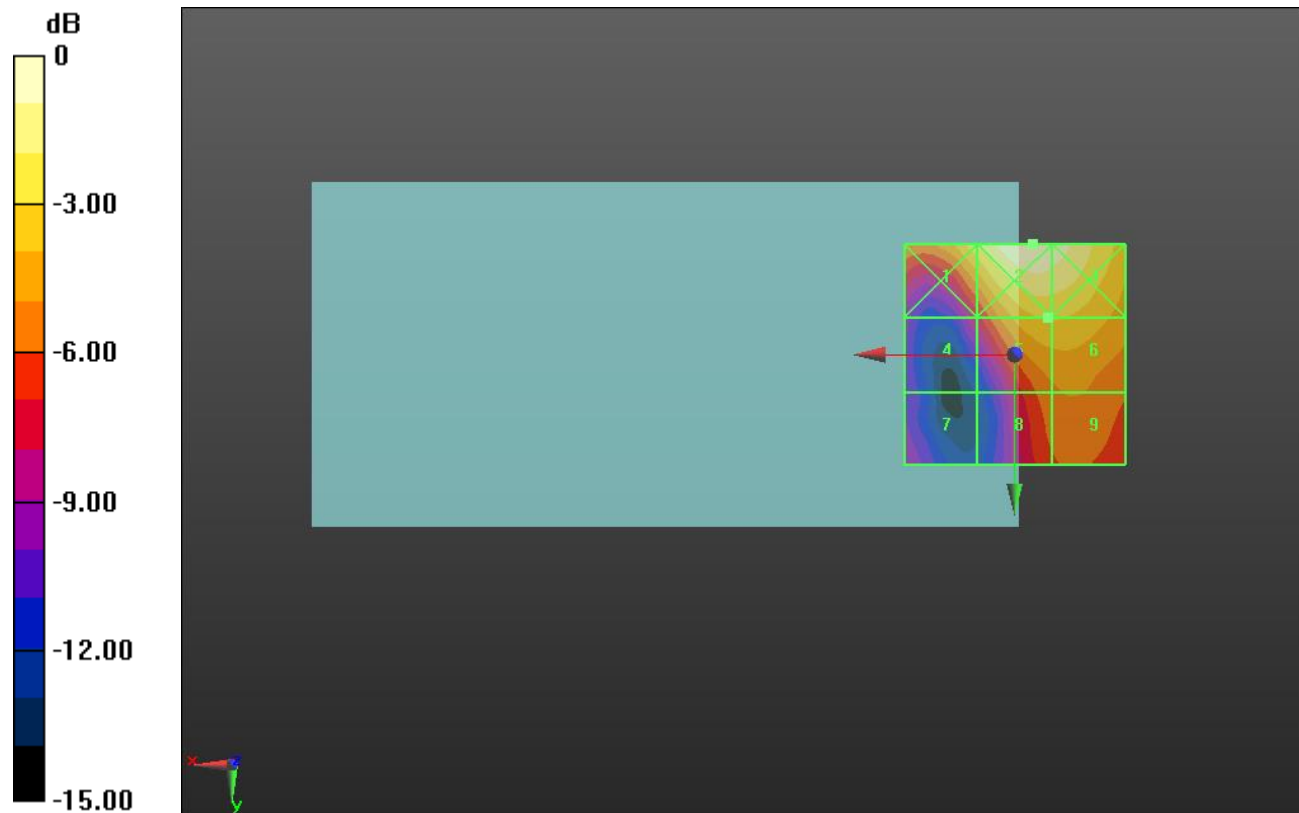
Applied MIF = -1.44 dB

RF audio interference level = 24.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.74 dBV/m	Grid 2 M4 26.89 dBV/m	Grid 3 M4 26.53 dBV/m
Grid 4 M4 19.45 dBV/m	Grid 5 M4 24.02 dBV/m	Grid 6 M4 24.01 dBV/m
Grid 7 M4 17.98 dBV/m	Grid 8 M4 21.67 dBV/m	Grid 9 M4 21.98 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.80 V/m; Power Drift = -0.08 dB

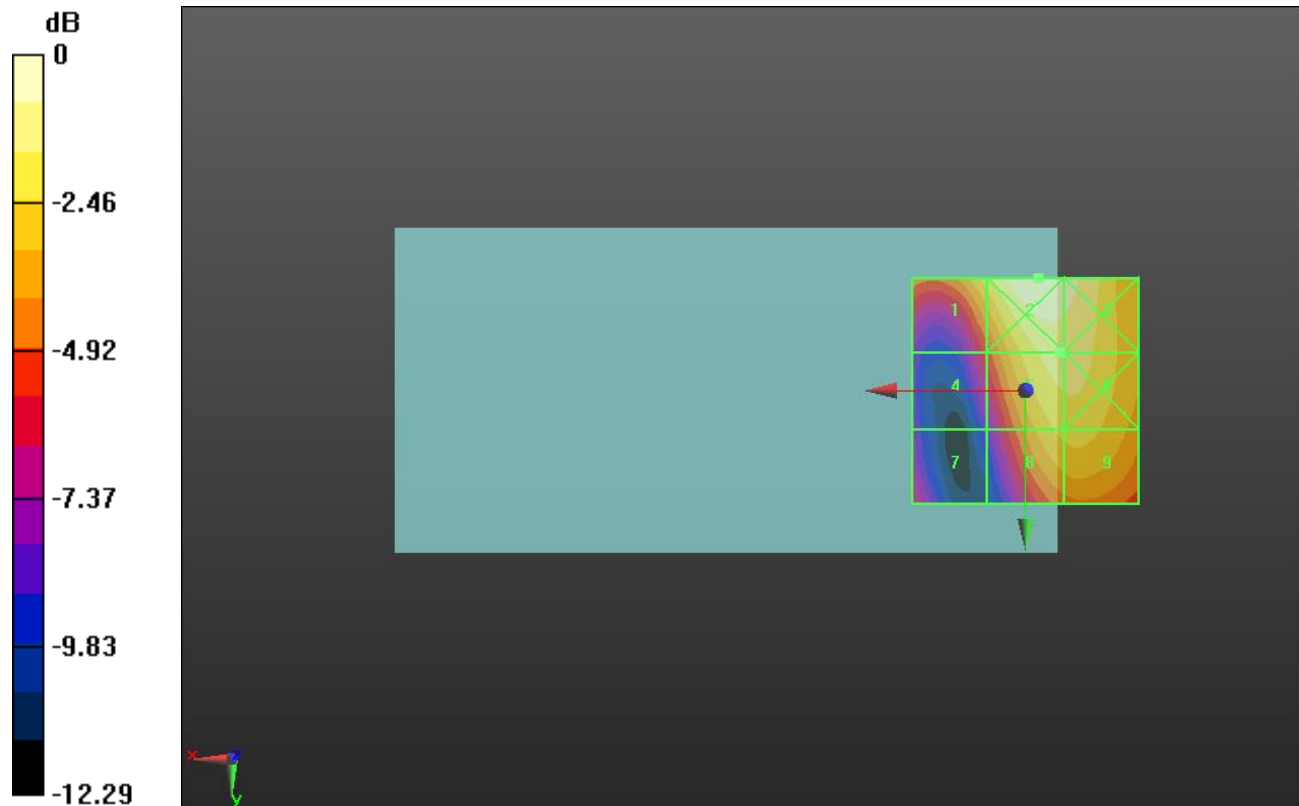
Applied MIF = -2.02 dB

RF audio interference level = 23.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.56 dBV/m	Grid 2 M4 24.48 dBV/m	Grid 3 M4 24.1 dBV/m
Grid 4 M4 19.19 dBV/m	Grid 5 M4 23.23 dBV/m	Grid 6 M4 23.22 dBV/m
Grid 7 M4 18.21 dBV/m	Grid 8 M4 22.29 dBV/m	Grid 9 M4 22.4 dBV/m



0 dB = 16.76 V/m = 24.49 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.24 V/m; Power Drift = -0.08 dB

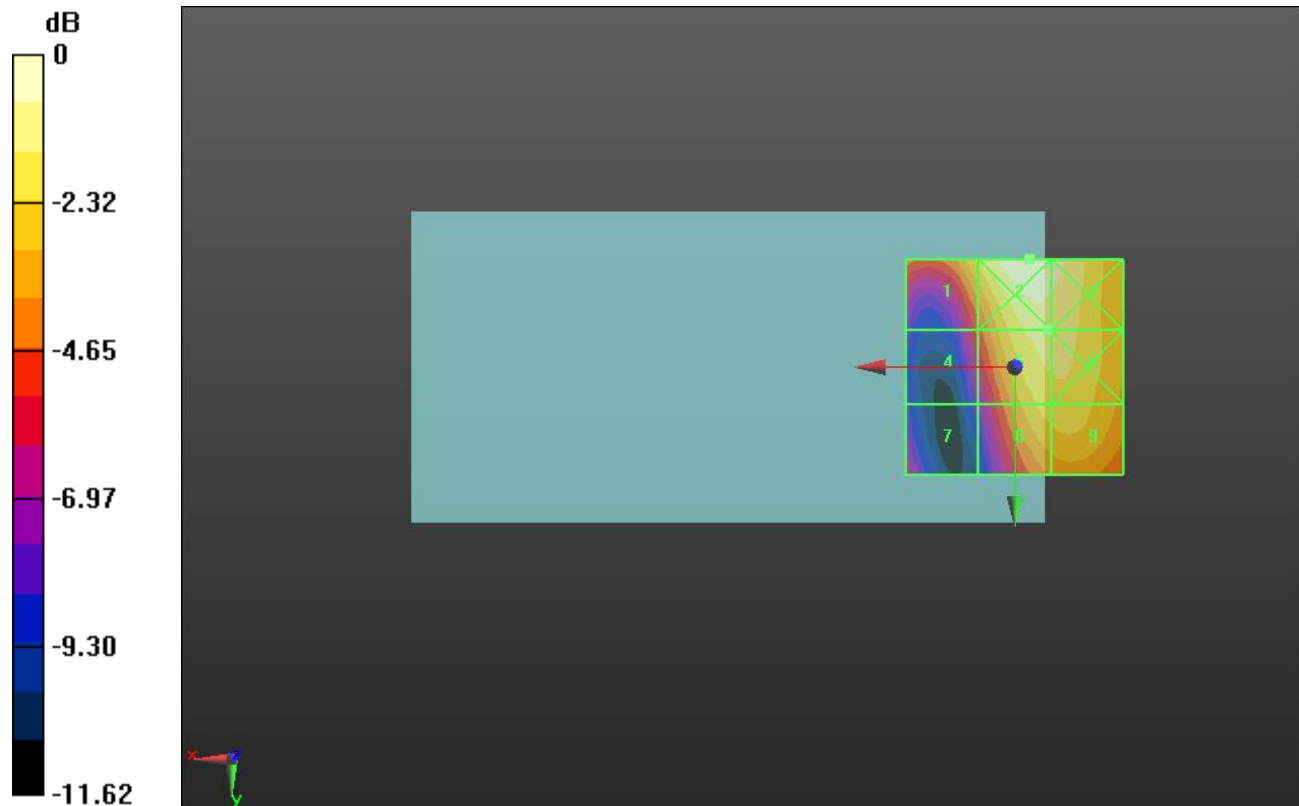
Applied MIF = -2.02 dB

RF audio interference level = 23.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.97 dBV/m	Grid 2 M4 24.98 dBV/m	Grid 3 M4 24.58 dBV/m
Grid 4 M4 19.92 dBV/m	Grid 5 M4 23.78 dBV/m	Grid 6 M4 23.77 dBV/m
Grid 7 M4 18.57 dBV/m	Grid 8 M4 23.05 dBV/m	Grid 9 M4 23.15 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.74 V/m; Power Drift = -0.10 dB

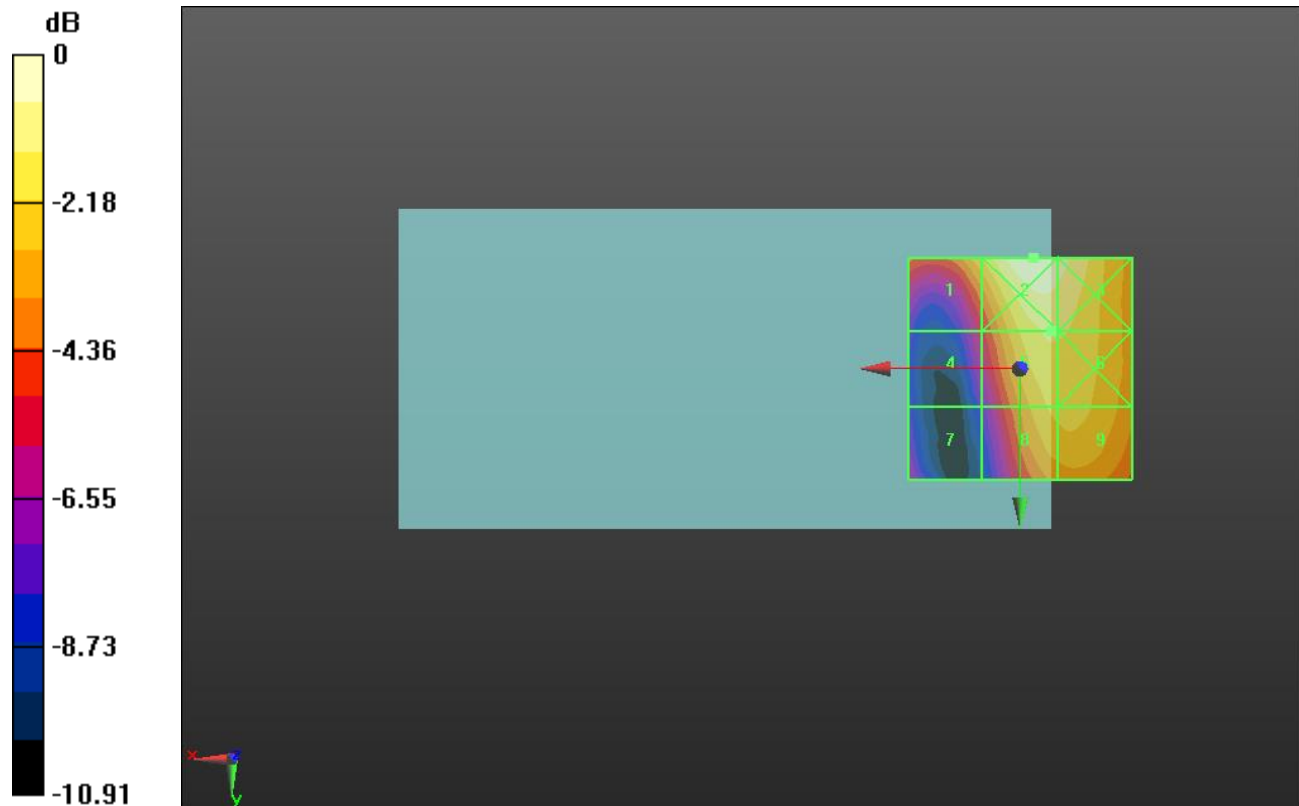
Applied MIF = -2.02 dB

RF audio interference level = 22.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.77 dBV/m	Grid 2 M4 23.86 dBV/m	Grid 3 M4 23.48 dBV/m
Grid 4 M4 18.55 dBV/m	Grid 5 M4 22.51 dBV/m	Grid 6 M4 22.49 dBV/m
Grid 7 M4 17.71 dBV/m	Grid 8 M4 21.88 dBV/m	Grid 9 M4 21.96 dBV/m



0 dB = 15.59 V/m = 23.86 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.98 V/m; Power Drift = -0.00 dB

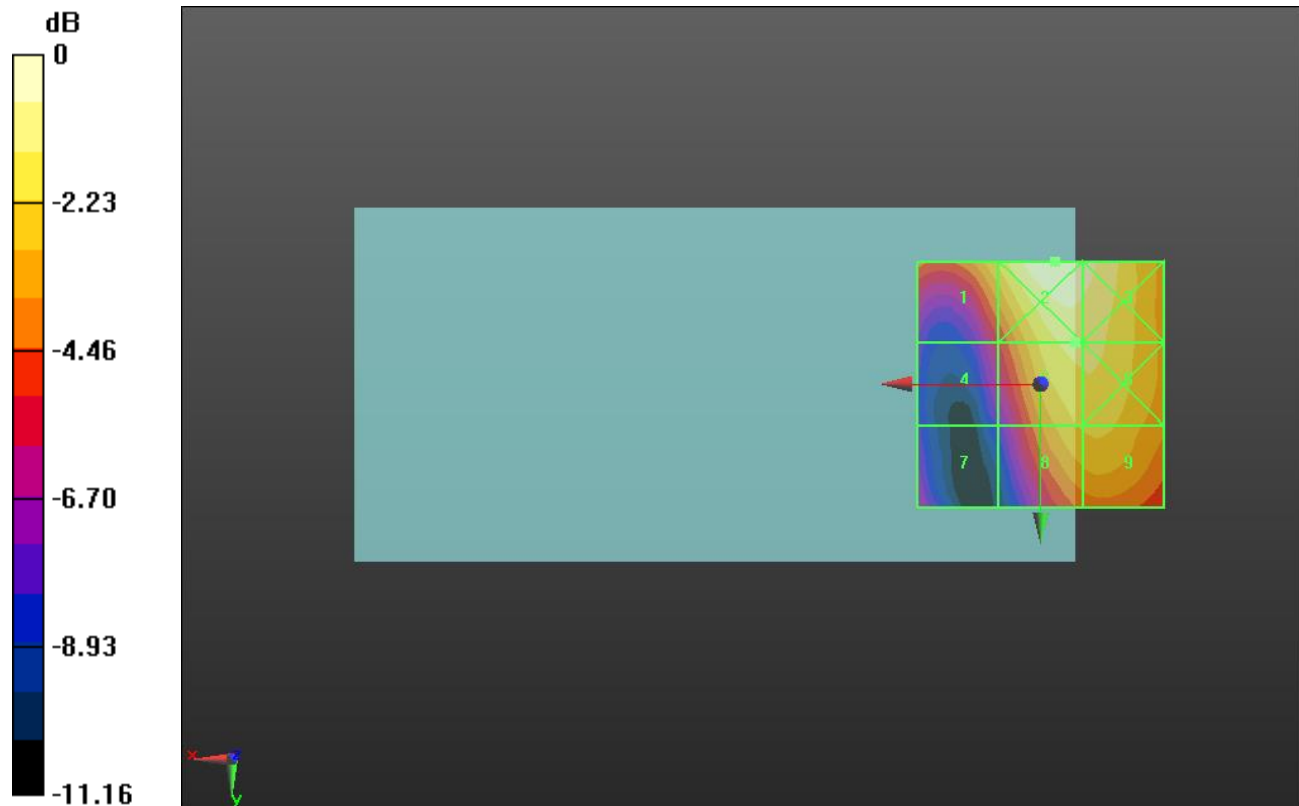
Applied MIF = 0.12 dB

RF audio interference level = 24.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.78 dBV/m	Grid 2 M4 25.74 dBV/m	Grid 3 M4 25.35 dBV/m
Grid 4 M4 20.5 dBV/m	Grid 5 M4 24.48 dBV/m	Grid 6 M4 24.47 dBV/m
Grid 7 M4 19.47 dBV/m	Grid 8 M4 23.6 dBV/m	Grid 9 M4 23.7 dBV/m



0 dB = 19.37 V/m = 25.74 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.77 V/m; Power Drift = 0.06 dB

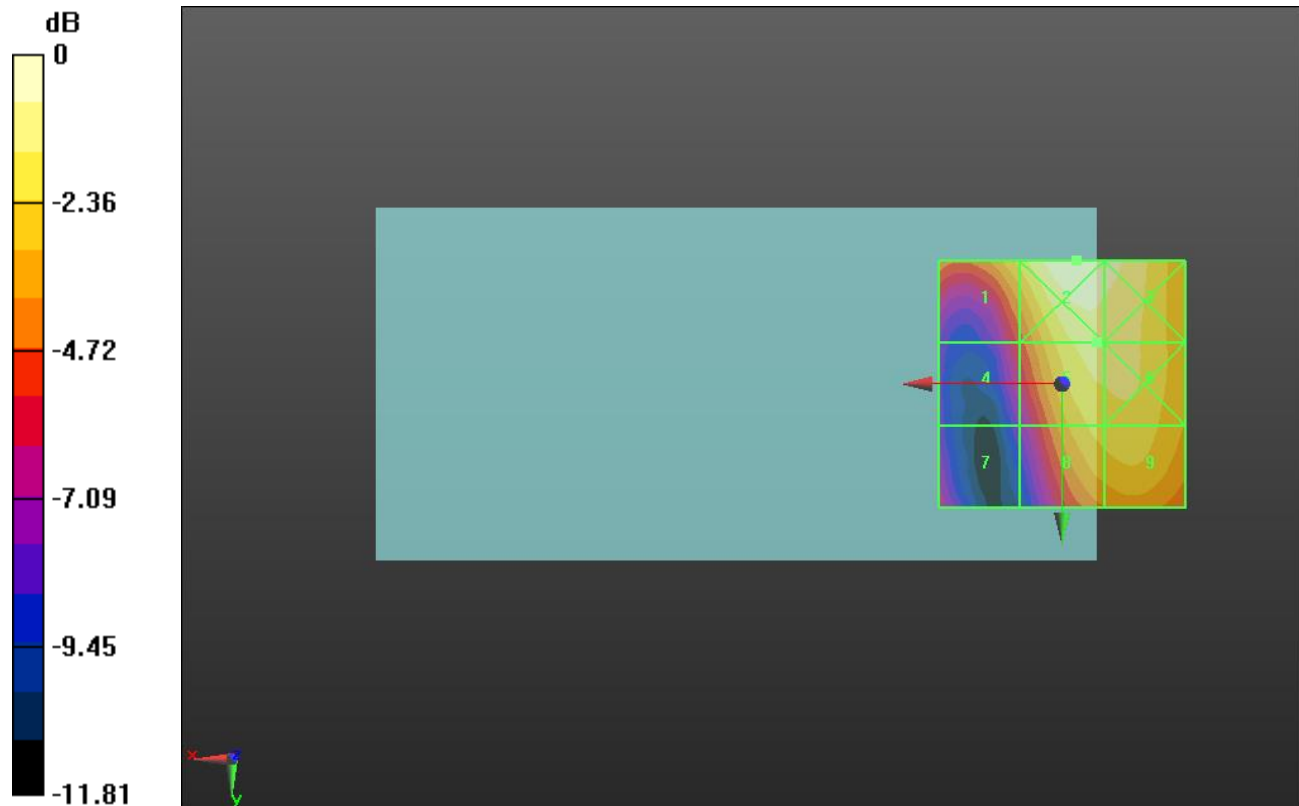
Applied MIF = 0.12 dB

RF audio interference level = 24.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.87 dBV/m	Grid 2 M4 25.89 dBV/m	Grid 3 M4 25.5 dBV/m
Grid 4 M4 20.77 dBV/m	Grid 5 M4 24.66 dBV/m	Grid 6 M4 24.65 dBV/m
Grid 7 M4 19.5 dBV/m	Grid 8 M4 23.89 dBV/m	Grid 9 M4 24.1 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.85 V/m; Power Drift = -0.18 dB

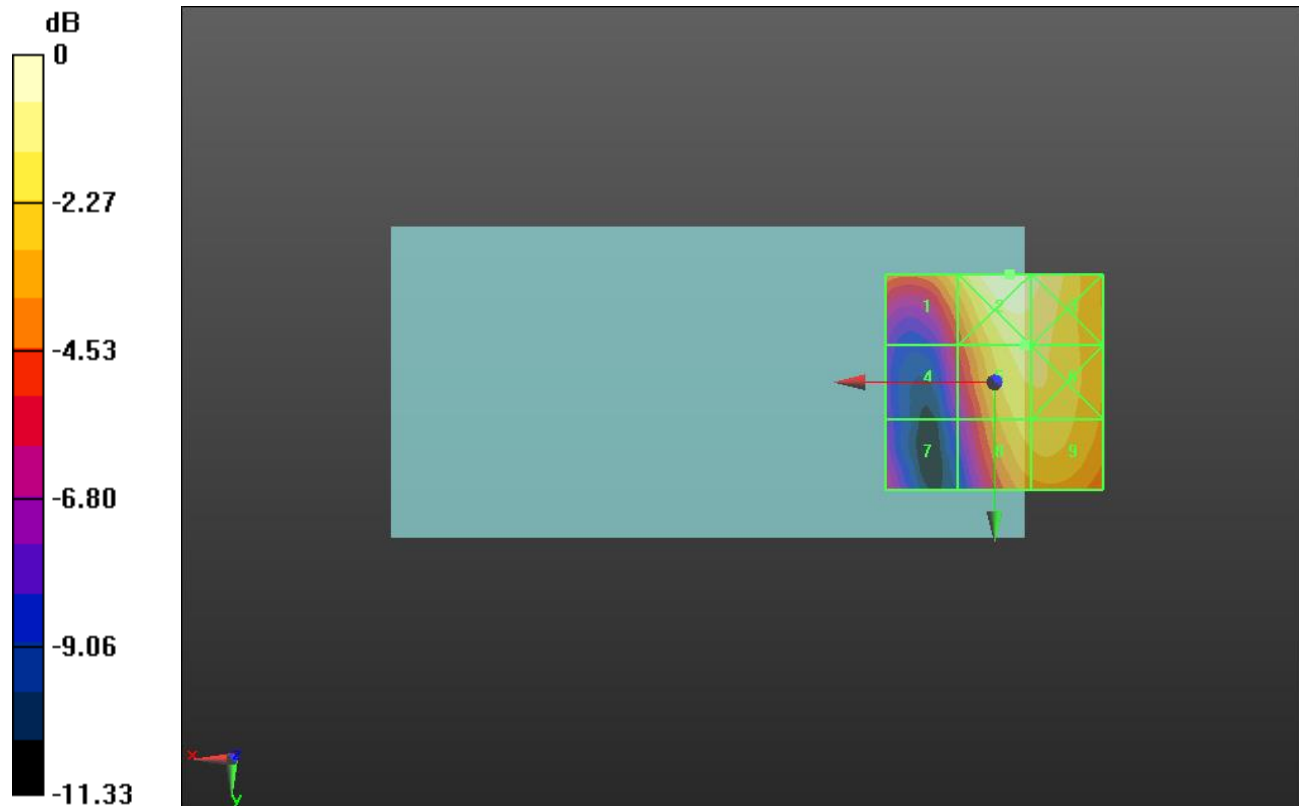
Applied MIF = 0.12 dB

RF audio interference level = 24.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.33 dBV/m	Grid 2 M4 25.43 dBV/m	Grid 3 M4 24.99 dBV/m
Grid 4 M4 20.21 dBV/m	Grid 5 M4 24.19 dBV/m	Grid 6 M4 24.17 dBV/m
Grid 7 M4 19.37 dBV/m	Grid 8 M4 23.61 dBV/m	Grid 9 M4 23.7 dBV/m



0 dB = 18.68 V/m = 25.43 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 = 14.21 V/m; Power Drift = -0.07 dB

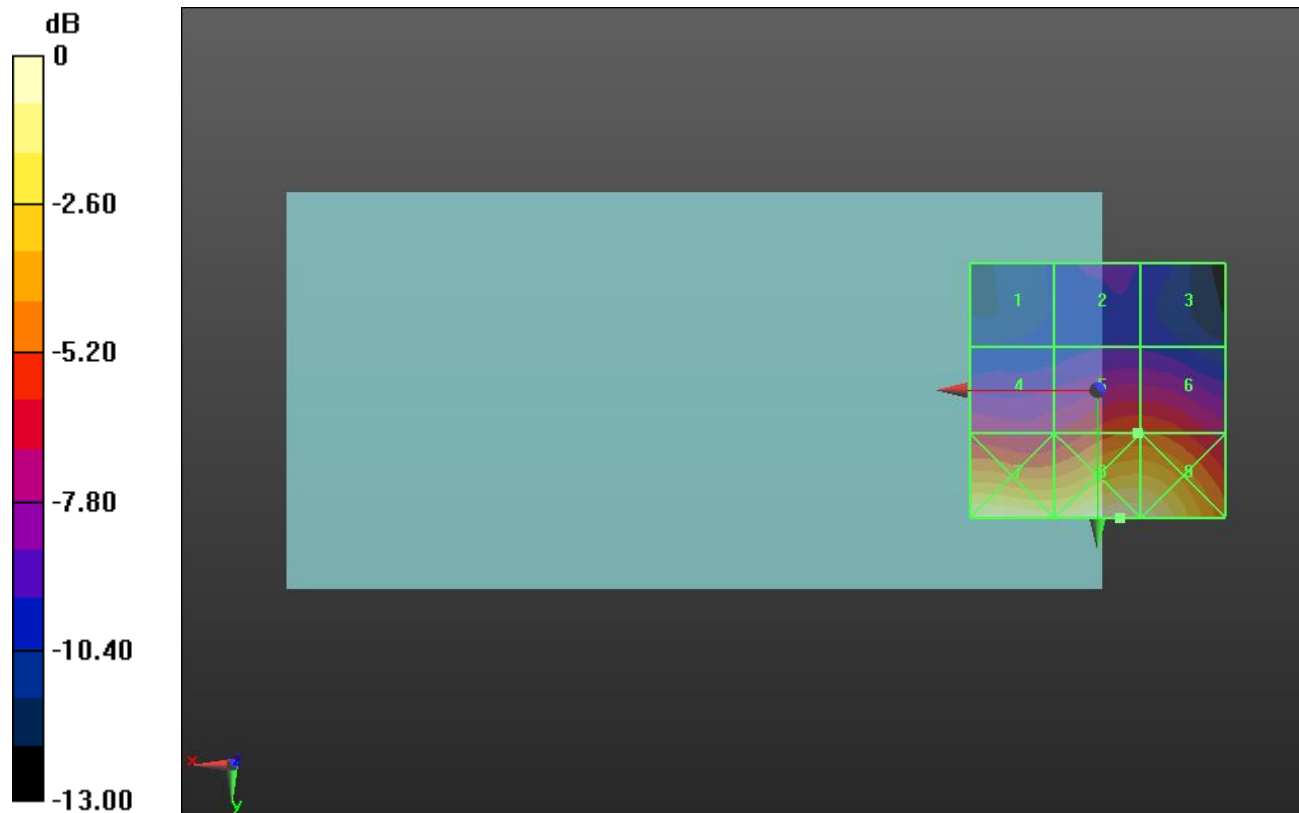
Applied MIF = 3.63 dB

RF audio interference level = 26.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.93 dBV/m	Grid 2 M4 22.77 dBV/m	Grid 3 M4 22.39 dBV/m
Grid 4 M4 25.24 dBV/m	Grid 5 M4 26.86 dBV/m	Grid 6 M4 26.85 dBV/m
Grid 7 M3 31.29 dBV/m	Grid 8 M3 31.88 dBV/m	Grid 9 M3 31.61 dBV/m



0 dB = 39.25 V/m = 31.88 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.93 V/m; Power Drift = -0.08 dB

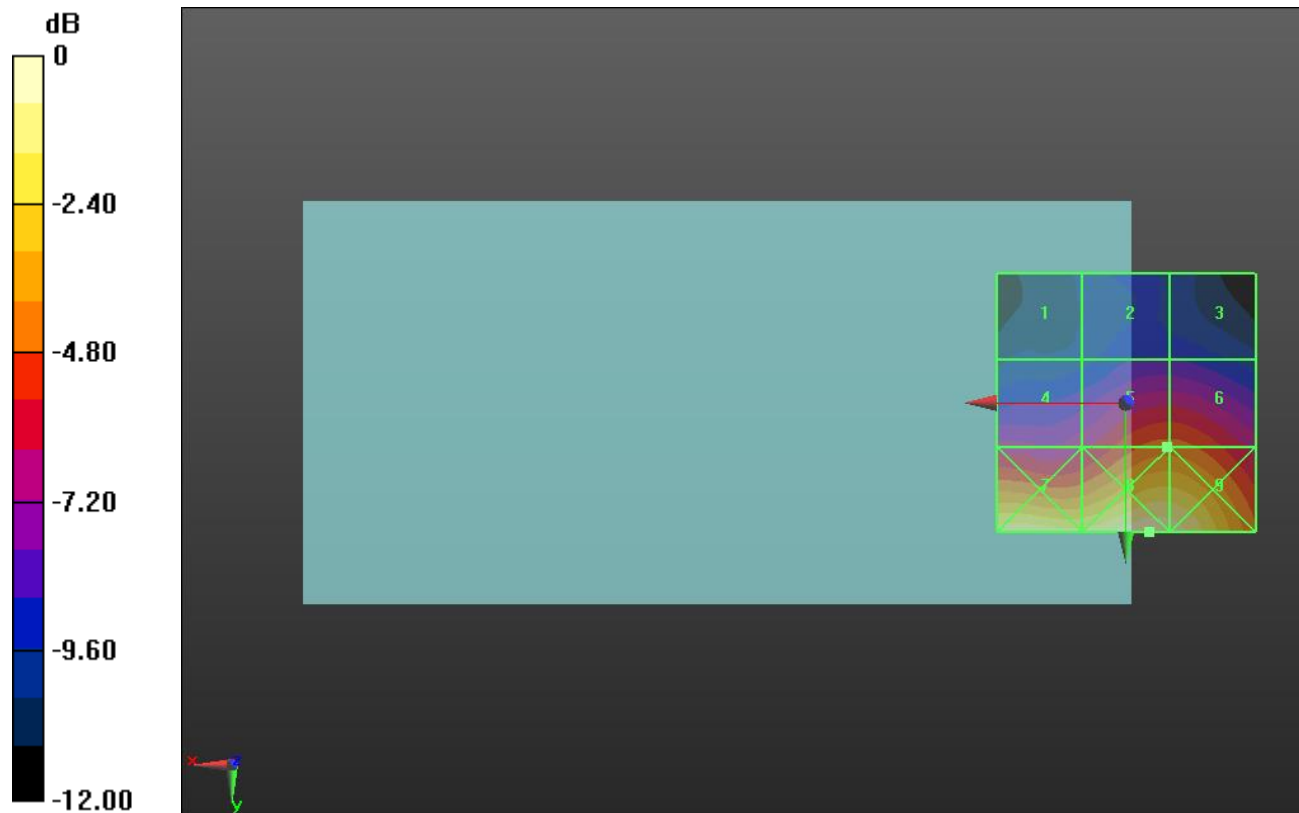
Applied MIF = 3.63 dB

RF audio interference level = 28.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.74 dBV/m	Grid 2 M4 23.96 dBV/m	Grid 3 M4 23.96 dBV/m
Grid 4 M4 26.01 dBV/m	Grid 5 M4 28.22 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M3 31.81 dBV/m	Grid 8 M3 32.62 dBV/m	Grid 9 M3 32.4 dBV/m



0 dB = 42.78 V/m = 32.62 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 = 19.84 V/m; Power Drift = -0.06 dB

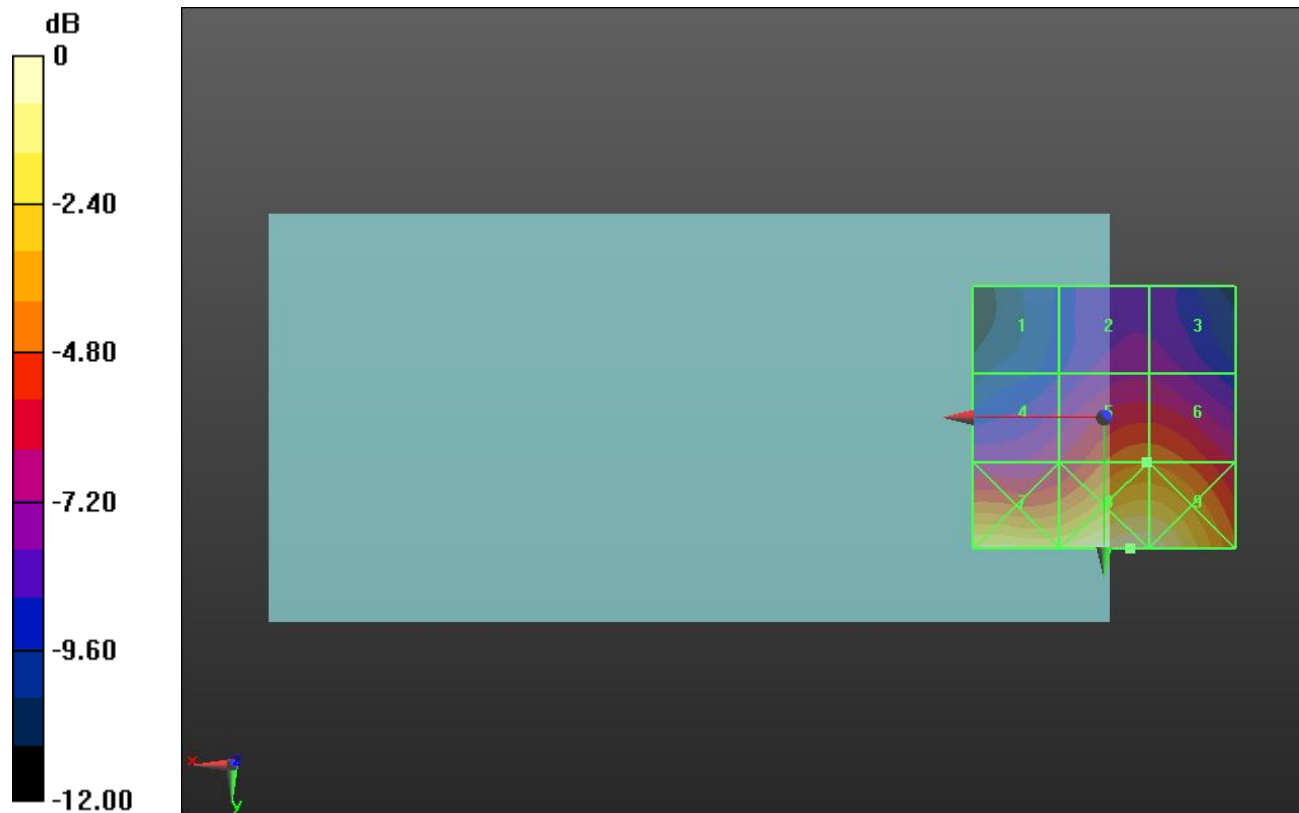
Applied MIF = 3.63 dB

RF audio interference level = 29.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.33 dBV/m	Grid 2 M4 25.85 dBV/m	Grid 3 M4 25.83 dBV/m
Grid 4 M4 26.81 dBV/m	Grid 5 M4 29.11 dBV/m	Grid 6 M4 29.11 dBV/m
Grid 7 M3 31.95 dBV/m	Grid 8 M3 33.18 dBV/m	Grid 9 M3 33 dBV/m



0 dB = 45.61 V/m = 33.18 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.83 V/m; Power Drift = -0.03 dB

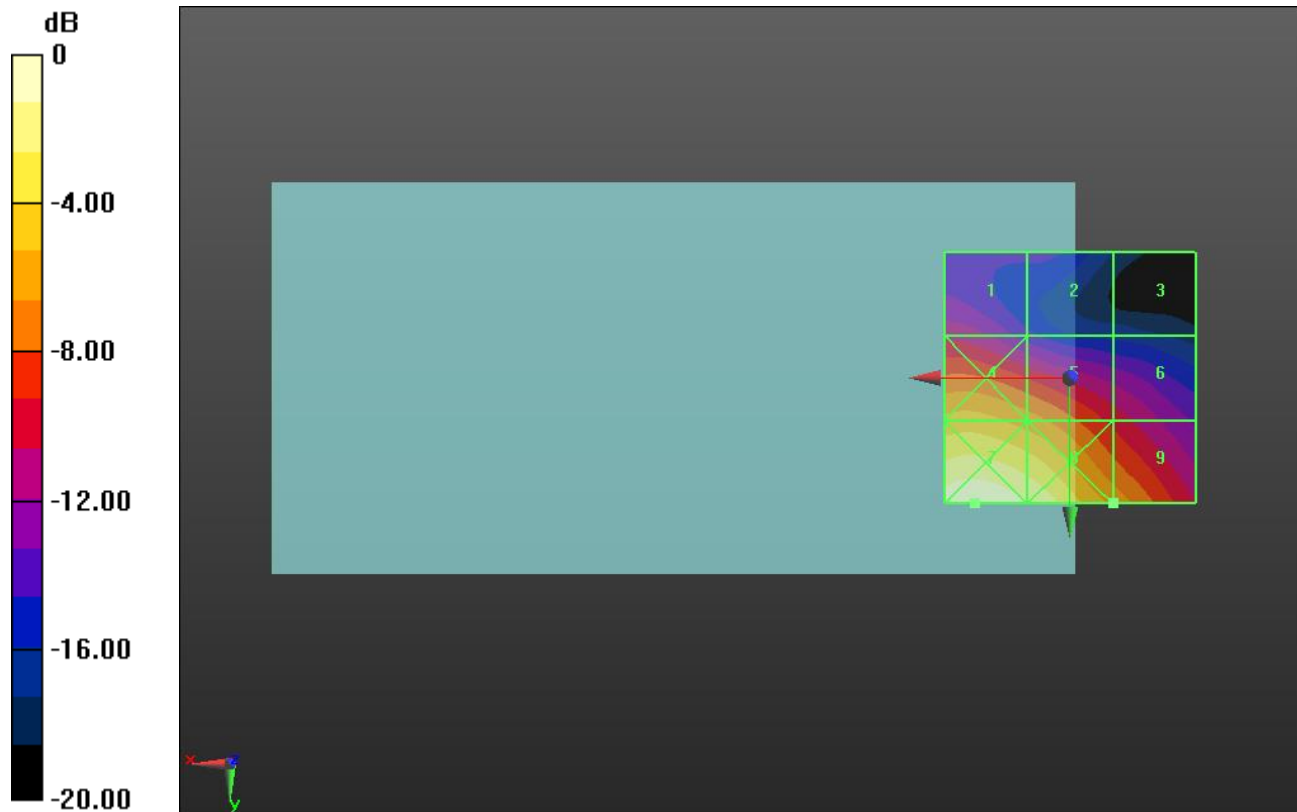
Applied MIF = -1.44 dB

RF audio interference level = 26.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.39 dBV/m	Grid 2 M4 18.37 dBV/m	Grid 3 M4 16.09 dBV/m
Grid 4 M4 27.69 dBV/m	Grid 5 M4 26.43 dBV/m	Grid 6 M4 22.67 dBV/m
Grid 7 M3 32.4 dBV/m	Grid 8 M3 31.24 dBV/m	Grid 9 M4 26.79 dBV/m



0 dB = 41.68 V/m = 32.40 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 = 17.27 V/m; Power Drift = -0.01 dB

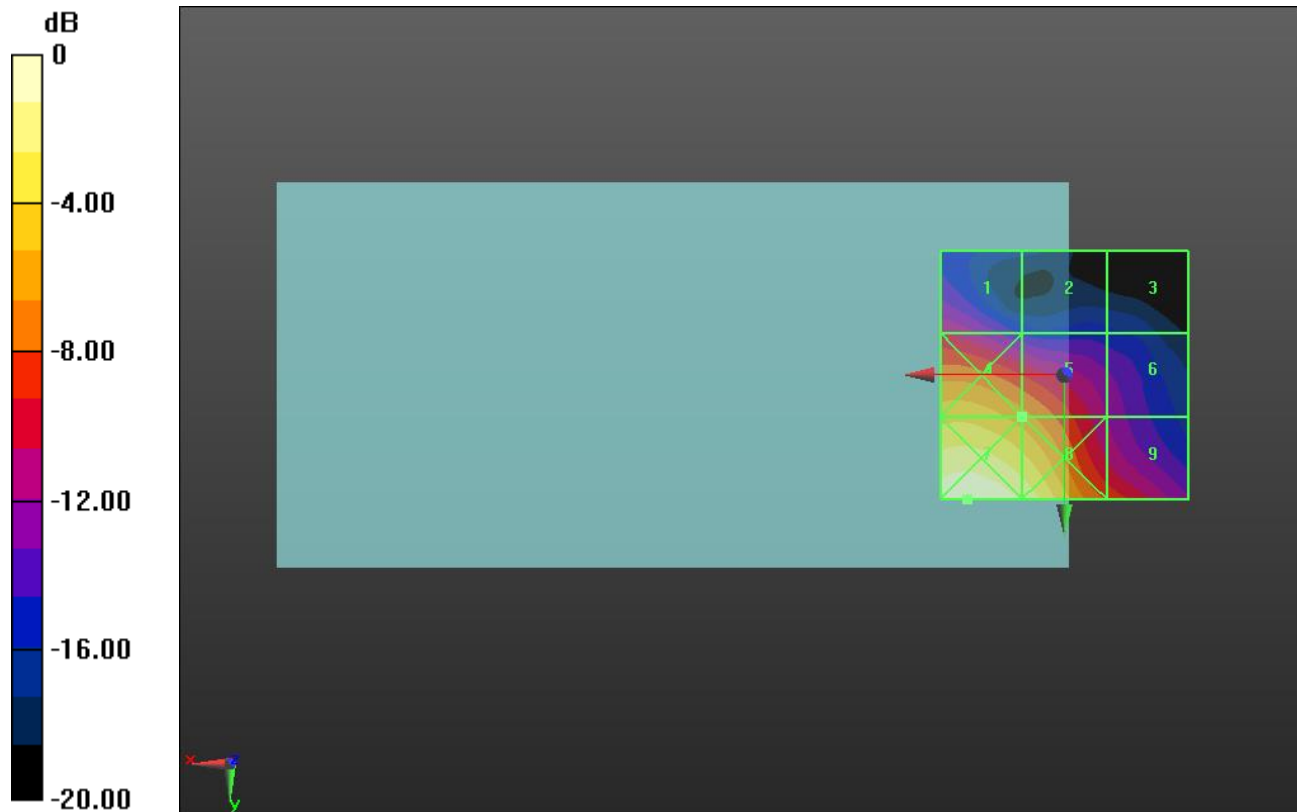
Applied MIF = -1.44 dB

RF audio interference level = 26.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.67 dBV/m	Grid 2 M4 17.55 dBV/m	Grid 3 M4 16.88 dBV/m
Grid 4 M4 28.06 dBV/m	Grid 5 M4 26.29 dBV/m	Grid 6 M4 20.35 dBV/m
Grid 7 M3 32.34 dBV/m	Grid 8 M3 30.78 dBV/m	Grid 9 M4 24.26 dBV/m



0 dB = 41.41 V/m = 32.34 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.87 V/m; Power Drift = -0.02 dB

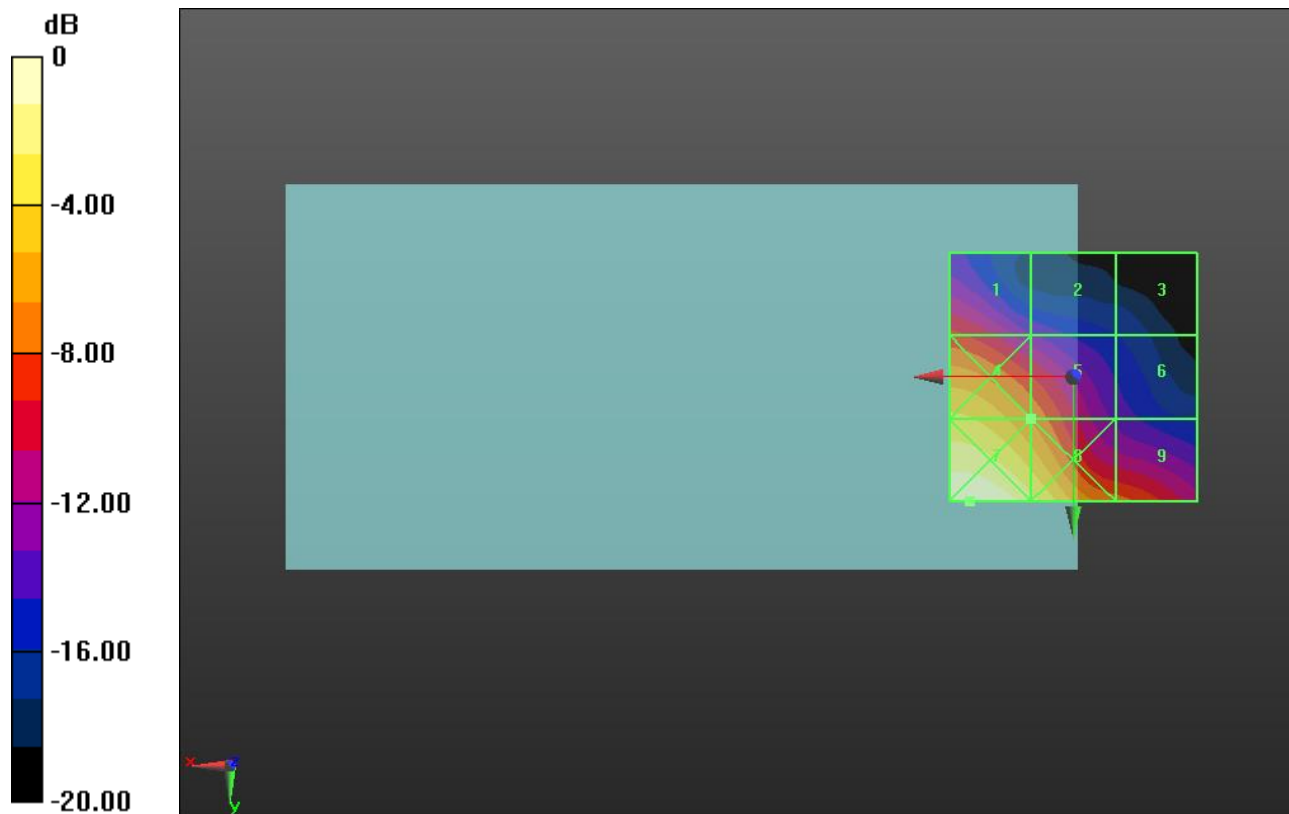
Applied MIF = -1.44 dB

RF audio interference level = 24.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.58 dBV/m	Grid 2 M4 18.35 dBV/m	Grid 3 M4 15.58 dBV/m
Grid 4 M4 27.76 dBV/m	Grid 5 M4 24.7 dBV/m	Grid 6 M4 17.88 dBV/m
Grid 7 M3 31.46 dBV/m	Grid 8 M4 29.29 dBV/m	Grid 9 M4 24.15 dBV/m



0 dB = 37.40 V/m = 31.46 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.23 V/m; Power Drift = -0.09 dB

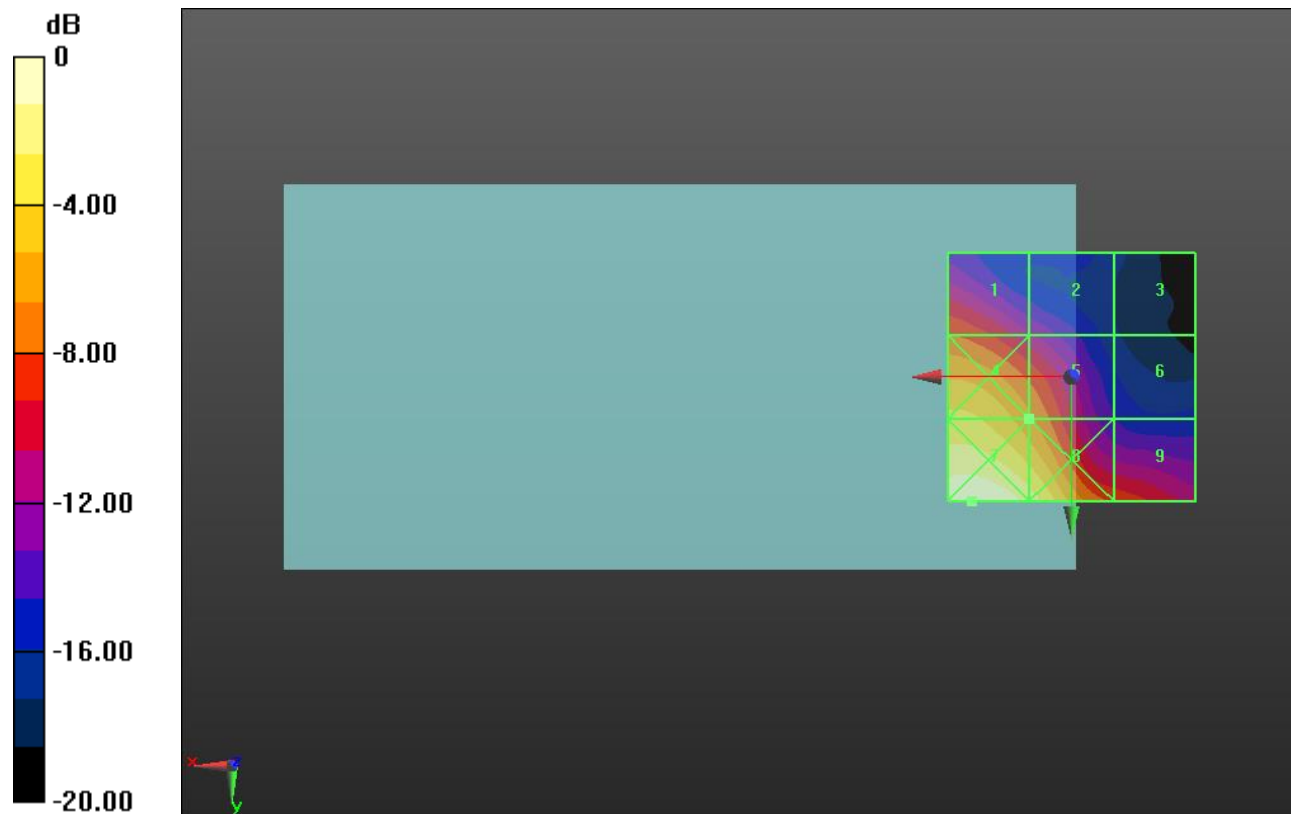
Applied MIF = -1.44 dB

RF audio interference level = 24.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 18.89 dBV/m	Grid 3 M4 13.86 dBV/m
Grid 4 M4 26.96 dBV/m	Grid 5 M4 24.24 dBV/m	Grid 6 M4 16.1 dBV/m
Grid 7 M3 30.58 dBV/m	Grid 8 M4 28.71 dBV/m	Grid 9 M4 22.48 dBV/m



0 dB = 33.80 V/m = 30.58 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 15.38 V/m; Power Drift = -0.04 dB

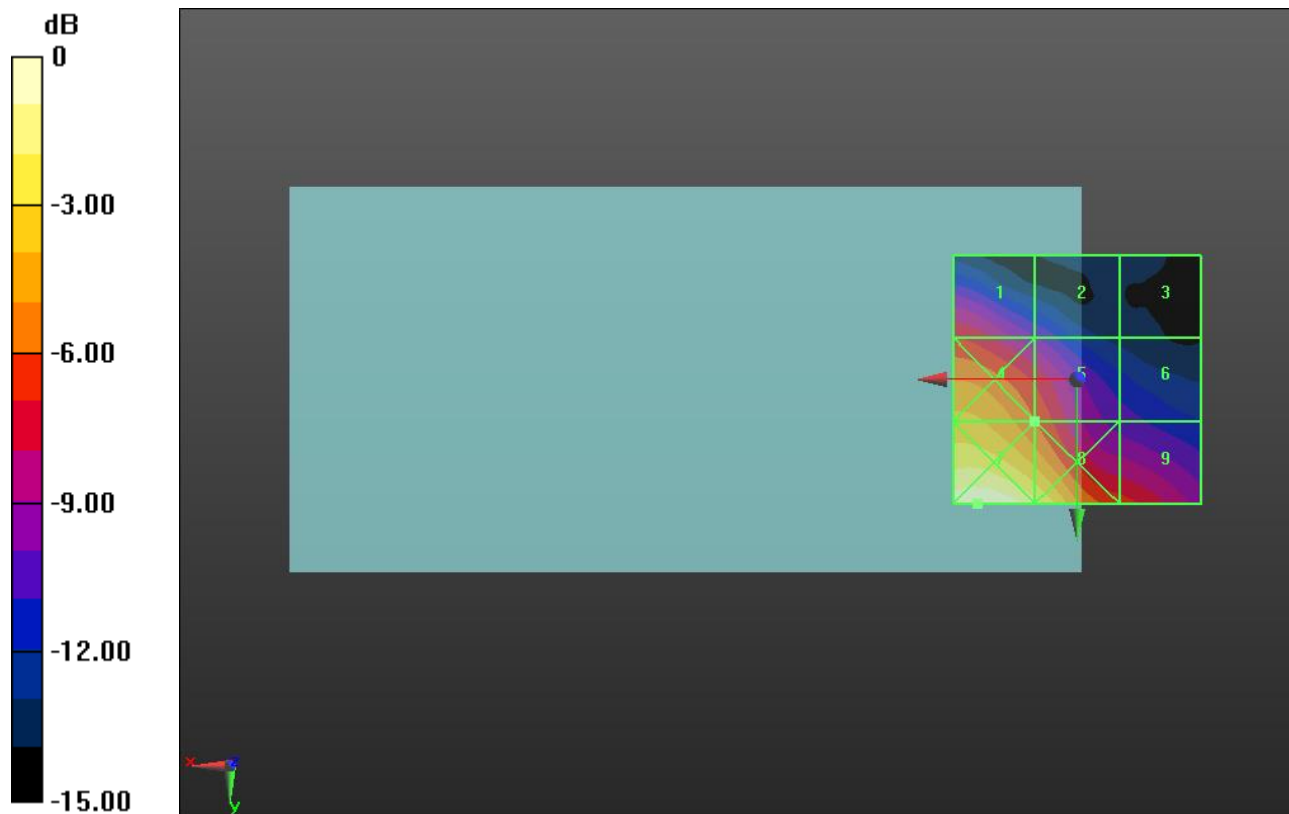
Applied MIF = -1.44 dB

RF audio interference level = 24.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.38 dBV/m	Grid 2 M4 20.45 dBV/m	Grid 3 M4 17.19 dBV/m
Grid 4 M4 26.67 dBV/m	Grid 5 M4 24.4 dBV/m	Grid 6 M4 19.99 dBV/m
Grid 7 M3 30.36 dBV/m	Grid 8 M4 28.71 dBV/m	Grid 9 M4 23.95 dBV/m



0 dB = 32.95 V/m = 30.36 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.99 V/m; Power Drift = -0.04 dB

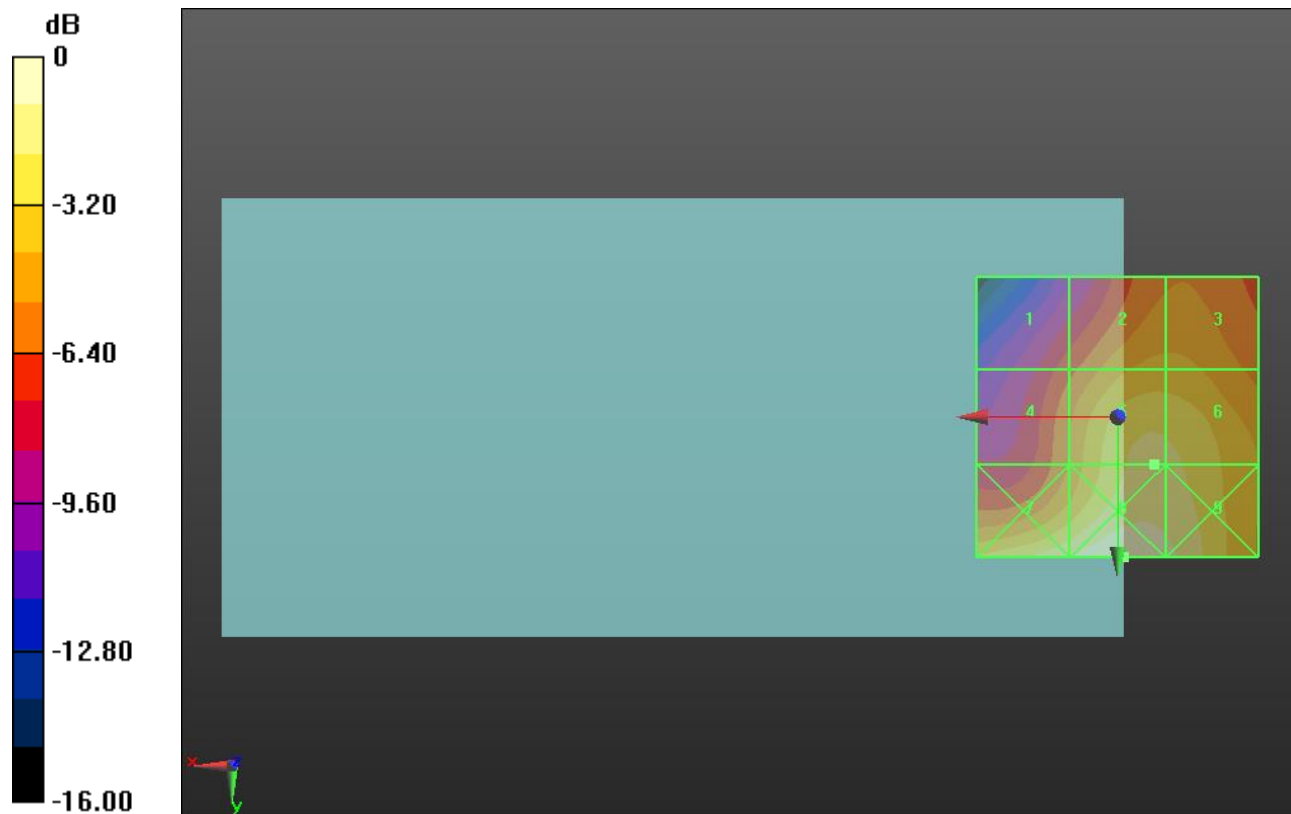
Applied MIF = -1.44 dB

RF audio interference level = 26.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.91 dBV/m	Grid 2 M4 24.77 dBV/m	Grid 3 M4 24.77 dBV/m
Grid 4 M4 23.46 dBV/m	Grid 5 M4 26.79 dBV/m	Grid 6 M4 26.72 dBV/m
Grid 7 M4 27.64 dBV/m	Grid 8 M4 28.61 dBV/m	Grid 9 M4 27.93 dBV/m



0 dB = 26.95 V/m = 28.61 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.35 V/m; Power Drift = -0.04 dB

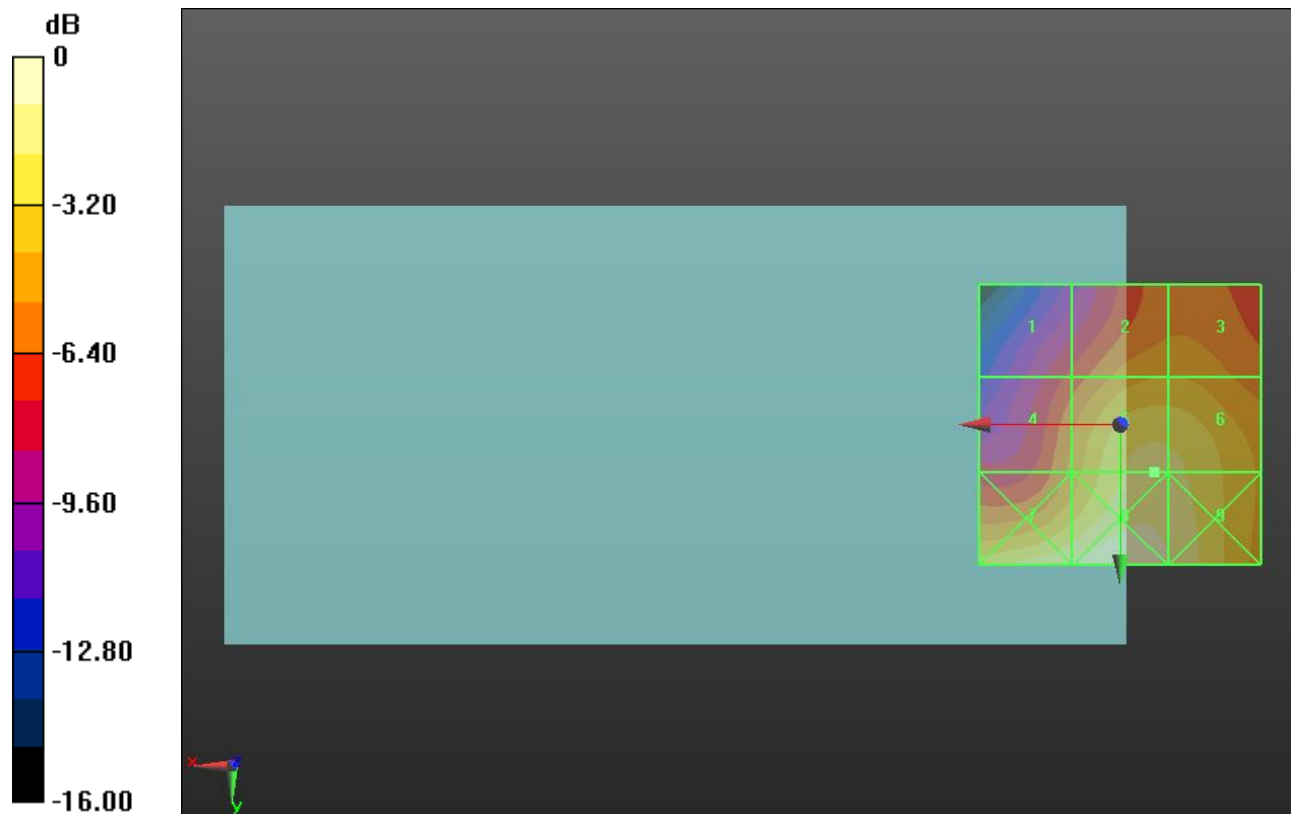
Applied MIF = -1.44 dB

RF audio interference level = 27.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.32 dBV/m	Grid 2 M4 25.16 dBV/m	Grid 3 M4 25.16 dBV/m
Grid 4 M4 24.5 dBV/m	Grid 5 M4 27.64 dBV/m	Grid 6 M4 27.53 dBV/m
Grid 7 M4 28.65 dBV/m	Grid 8 M4 29.37 dBV/m	Grid 9 M4 28.46 dBV/m



0 dB = 29.41 V/m = 29.37 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.46 V/m; Power Drift = -0.05 dB

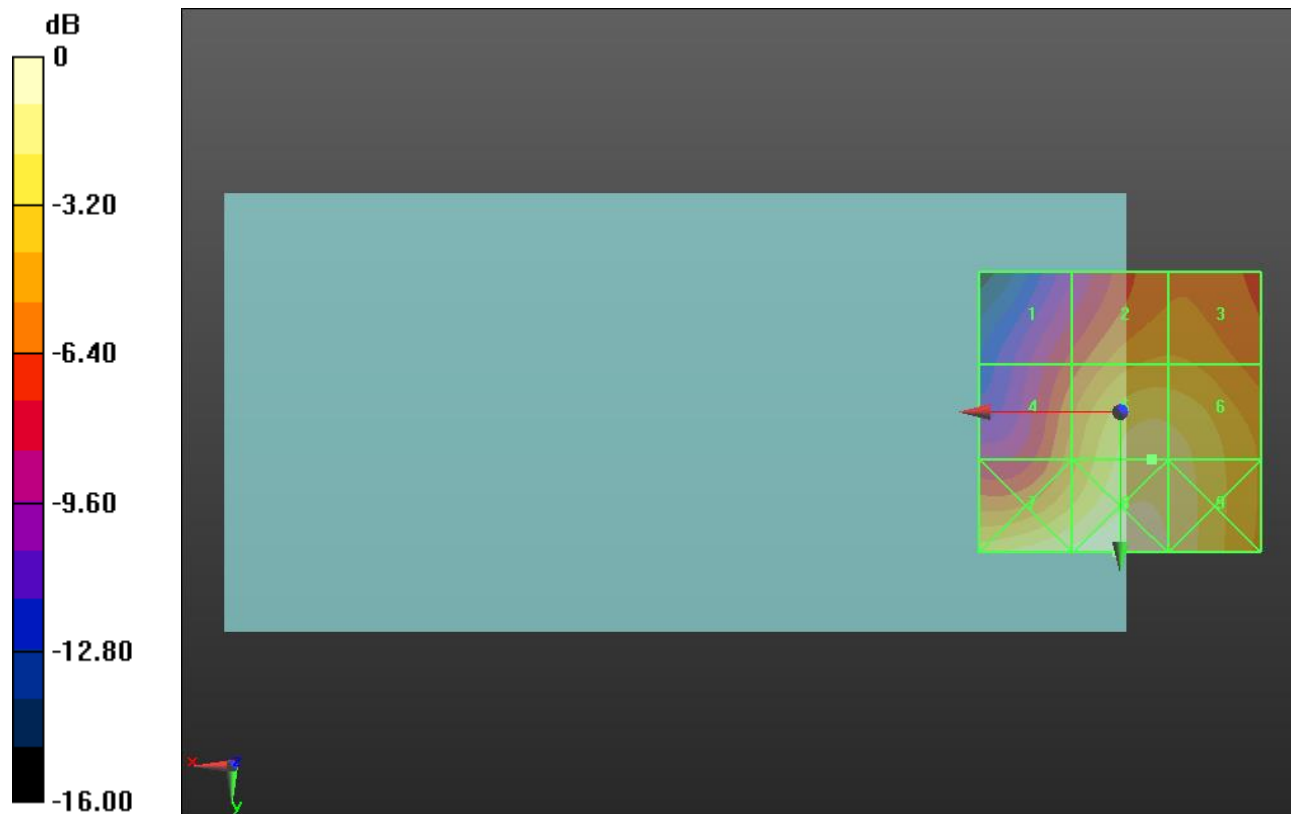
Applied MIF = -1.44 dB

RF audio interference level = 28.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.59 dBV/m	Grid 2 M4 25.52 dBV/m	Grid 3 M4 25.52 dBV/m
Grid 4 M4 24.85 dBV/m	Grid 5 M4 28.02 dBV/m	Grid 6 M4 27.88 dBV/m
Grid 7 M4 28.87 dBV/m	Grid 8 M4 29.51 dBV/m	Grid 9 M4 28.53 dBV/m



0 dB = 29.89 V/m = 29.51 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 = 37.20 V/m; Power Drift = 0.01 dB

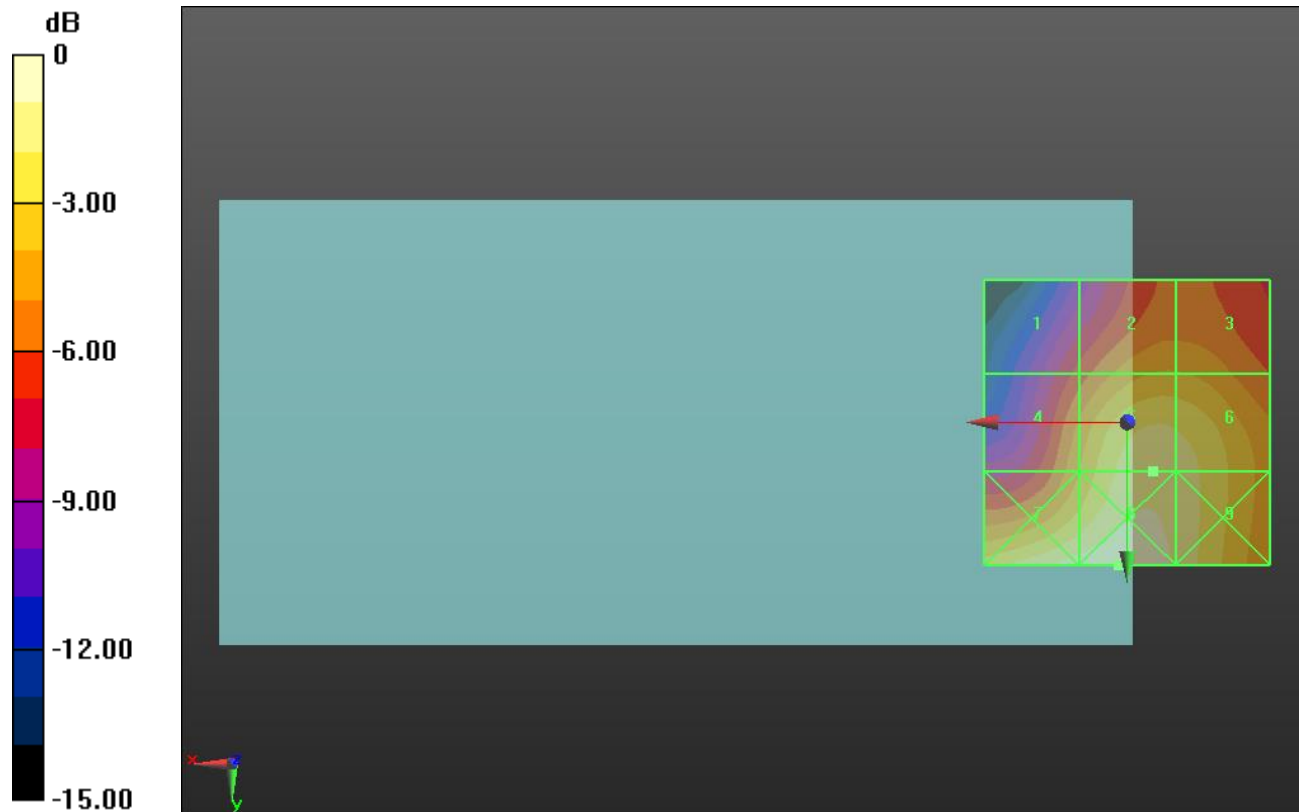
Applied MIF = -1.44 dB

RF audio interference level = 28.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.15 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 25.8 dBV/m
Grid 4 M4 25.65 dBV/m	Grid 5 M4 28.43 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M4 29.25 dBV/m	Grid 8 M4 29.69 dBV/m	Grid 9 M4 28.52 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.33 V/m; Power Drift = 0.15 dB

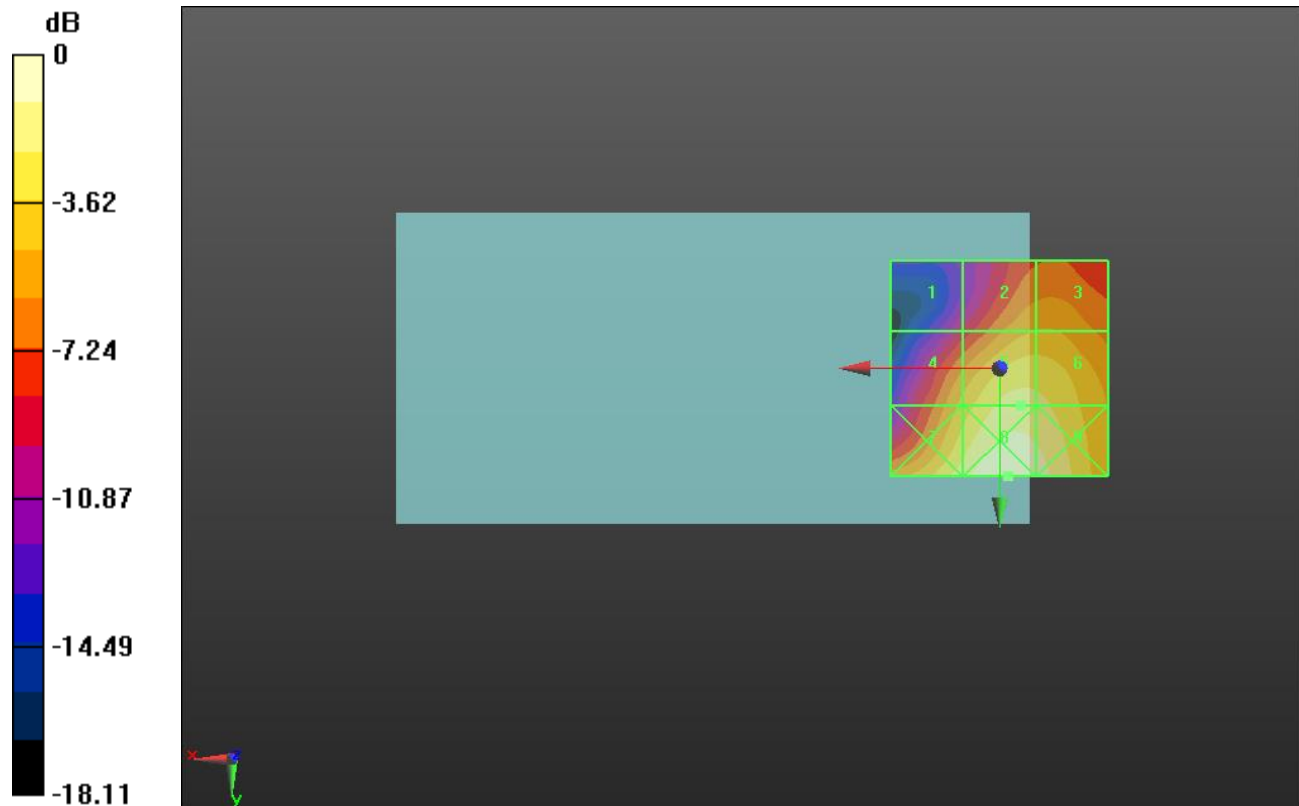
Applied MIF = -2.02 dB

RF audio interference level = 24.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.15 dBV/m	Grid 2 M4 21.7 dBV/m	Grid 3 M4 21.75 dBV/m
Grid 4 M4 22.04 dBV/m	Grid 5 M4 24.52 dBV/m	Grid 6 M4 24.35 dBV/m
Grid 7 M4 24.8 dBV/m	Grid 8 M4 26.41 dBV/m	Grid 9 M4 25.86 dBV/m



0 dB = 20.92 V/m = 26.41 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 31.91 V/m; Power Drift = 0.03 dB

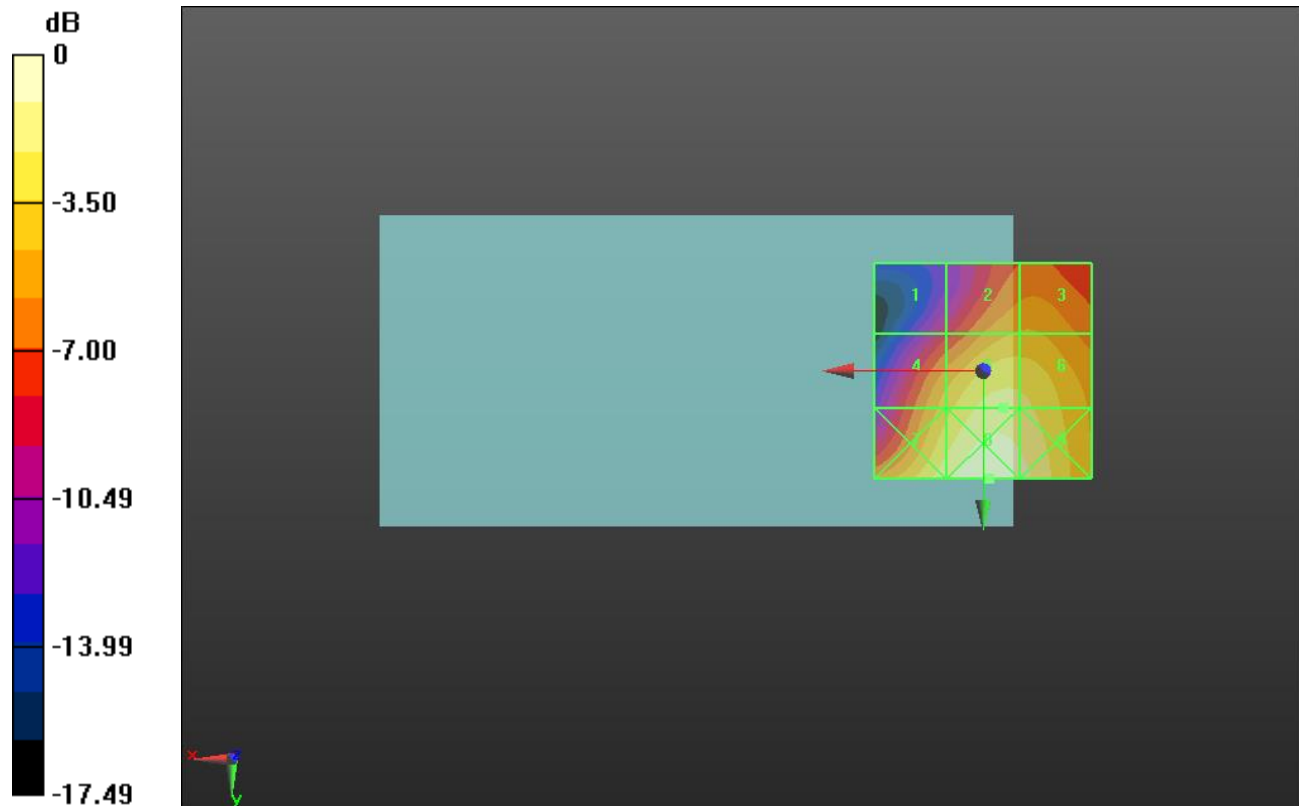
Applied MIF = -2.02 dB

RF audio interference level = 27.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.3 dBV/m	Grid 2 M4 24.36 dBV/m	Grid 3 M4 24.39 dBV/m
Grid 4 M4 24.89 dBV/m	Grid 5 M4 27.03 dBV/m	Grid 6 M4 26.84 dBV/m
Grid 7 M4 27.45 dBV/m	Grid 8 M4 28.83 dBV/m	Grid 9 M4 28.16 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 48.36 V/m; Power Drift = -0.00 dB

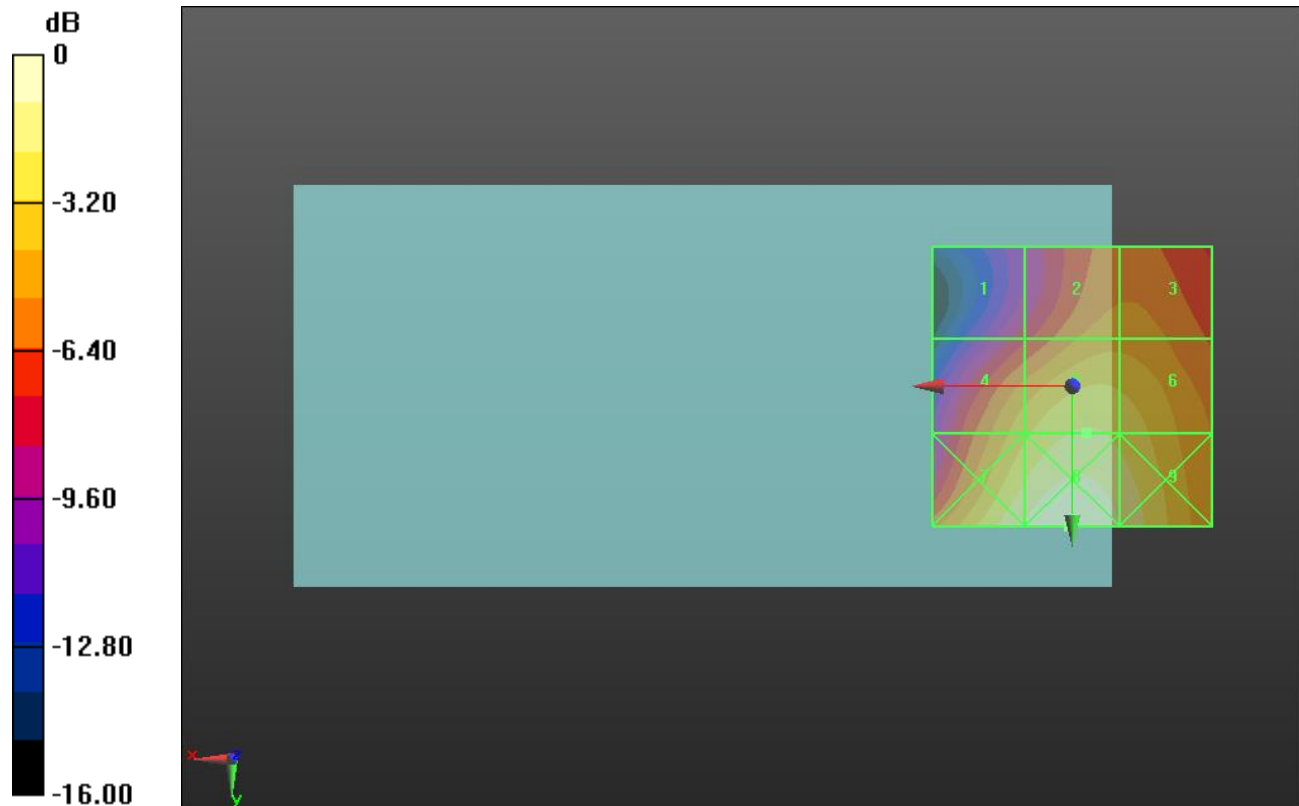
Applied MIF = -2.02 dB

RF audio interference level = 30.43 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 24.73 dBV/m	Grid 2 M4 27.82 dBV/m	Grid 3 M4 27.82 dBV/m
Grid 4 M4 29 dBV/m	Grid 5 M3 30.43 dBV/m	Grid 6 M3 30.01 dBV/m
Grid 7 M3 31.53 dBV/m	Grid 8 M3 32.42 dBV/m	Grid 9 M3 31.35 dBV/m



0 dB = 41.79 V/m = 32.42 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.05 V/m; Power Drift = -0.03 dB

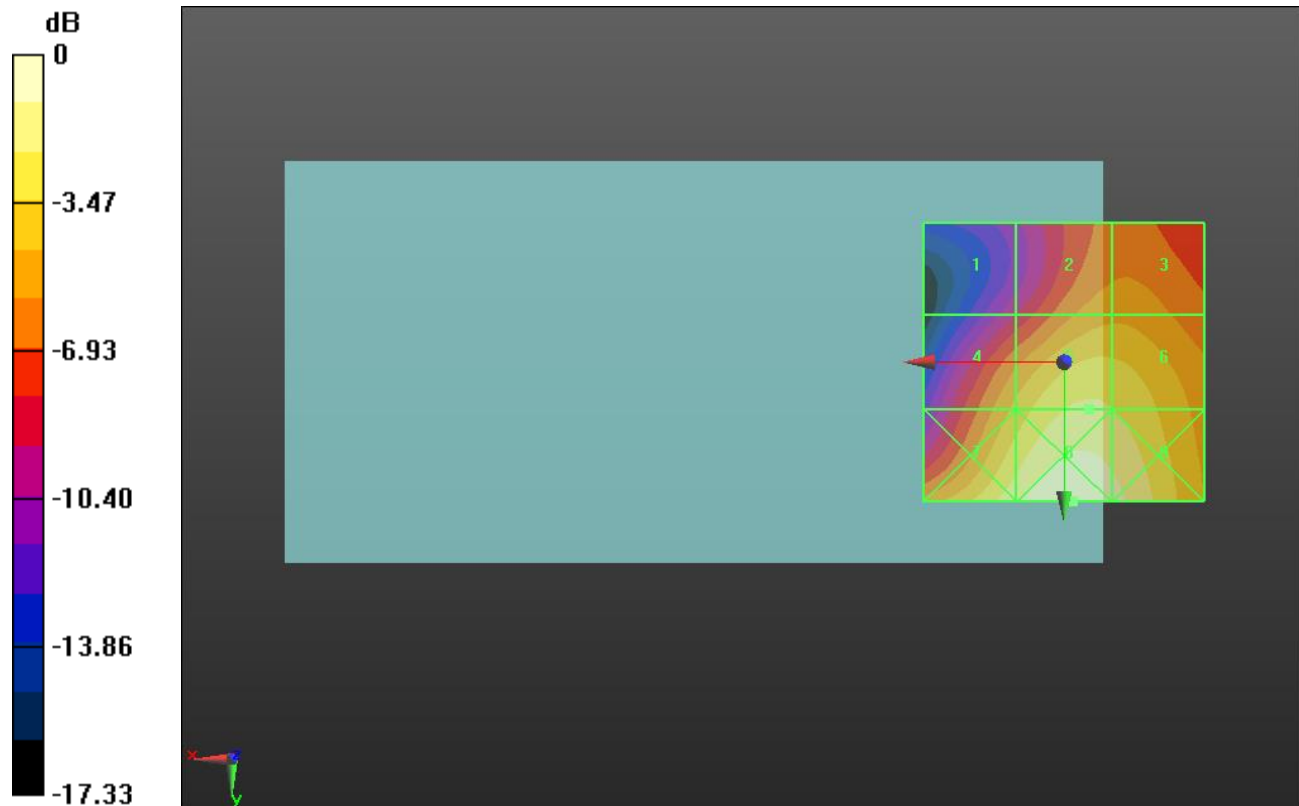
Applied MIF = 0.12 dB

RF audio interference level = 30.14 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 27.3 dBV/m	Grid 3 M4 27.33 dBV/m
Grid 4 M4 27.99 dBV/m	Grid 5 M3 30.14 dBV/m	Grid 6 M4 29.94 dBV/m
Grid 7 M3 30.84 dBV/m	Grid 8 M3 32.21 dBV/m	Grid 9 M3 31.54 dBV/m



0 dB = 40.76 V/m = 32.20 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 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 45.09 V/m; Power Drift = -0.01 dB

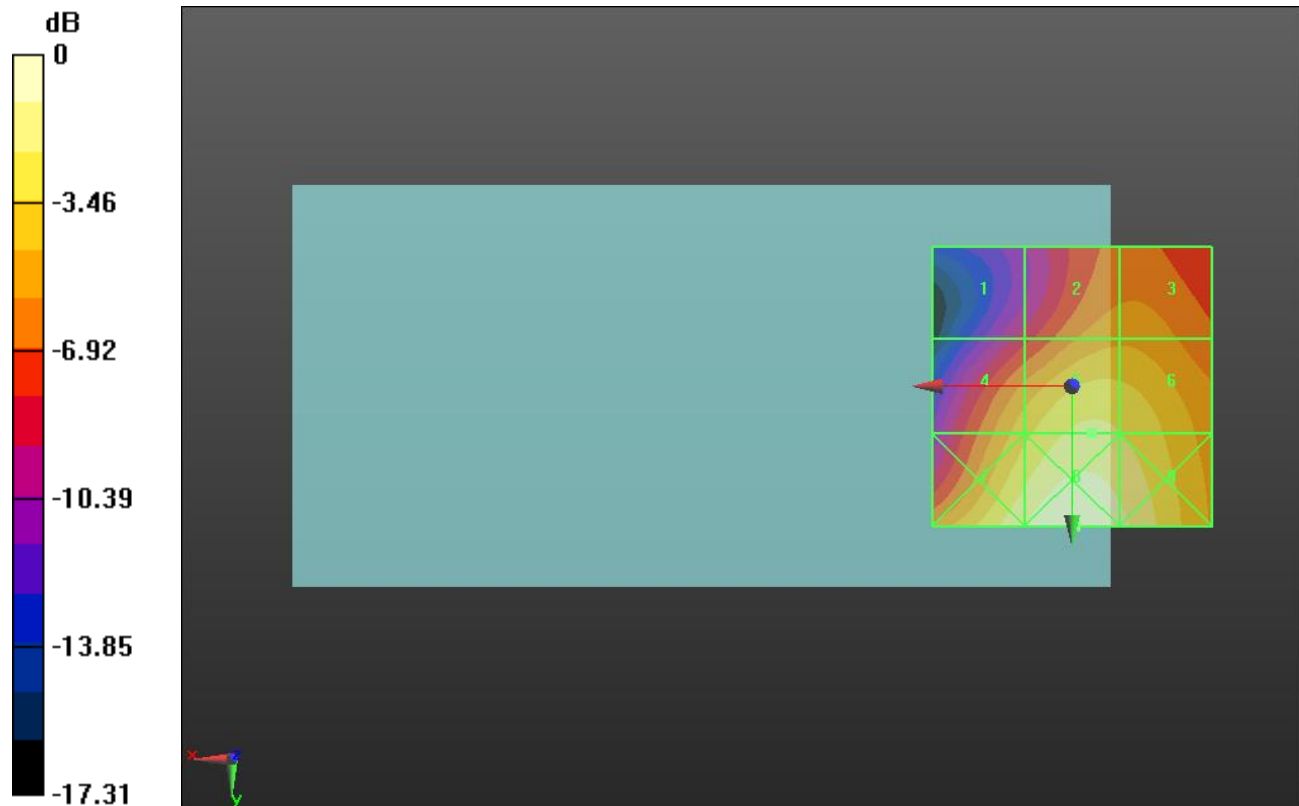
Applied MIF = 0.12 dB

RF audio interference level = 32.06 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 25.57 dBV/m	Grid 2 M4 29.22 dBV/m	Grid 3 M4 29.23 dBV/m
Grid 4 M3 30.25 dBV/m	Grid 5 M3 32.06 dBV/m	Grid 6 M3 31.79 dBV/m
Grid 7 M3 32.91 dBV/m	Grid 8 M3 34.06 dBV/m	Grid 9 M3 33.23 dBV/m



0 dB = 50.44 V/m = 34.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 37.58 V/m; Power Drift = -0.01 dB

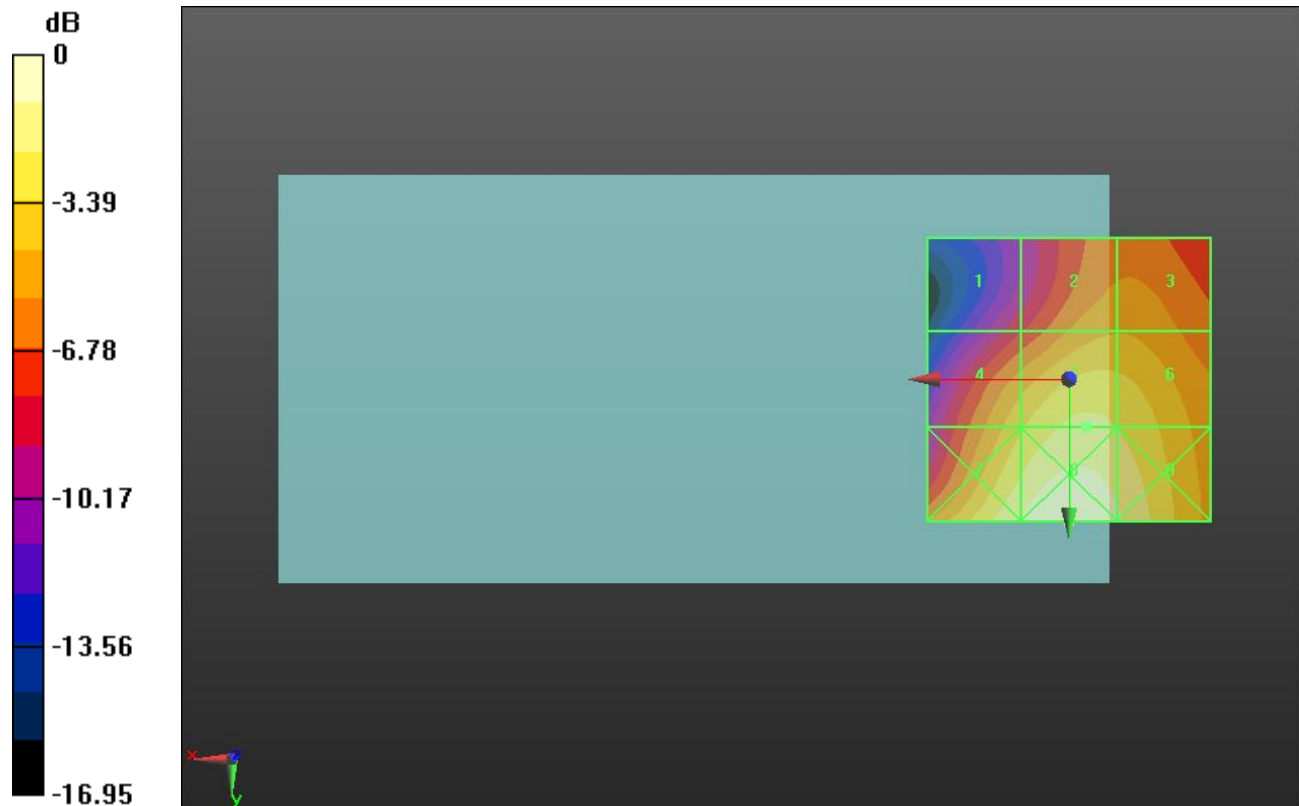
Applied MIF = 0.12 dB

RF audio interference level = 30.39 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 24.38 dBV/m	Grid 2 M4 27.76 dBV/m	Grid 3 M4 27.76 dBV/m
Grid 4 M4 28.78 dBV/m	Grid 5 M3 30.39 dBV/m	Grid 6 M3 30.06 dBV/m
Grid 7 M3 31.32 dBV/m	Grid 8 M3 32.33 dBV/m	Grid 9 M3 31.4 dBV/m



0 dB = 41.36 V/m = 32.33 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 40/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.607 V/m; Power Drift = -0.20 dB

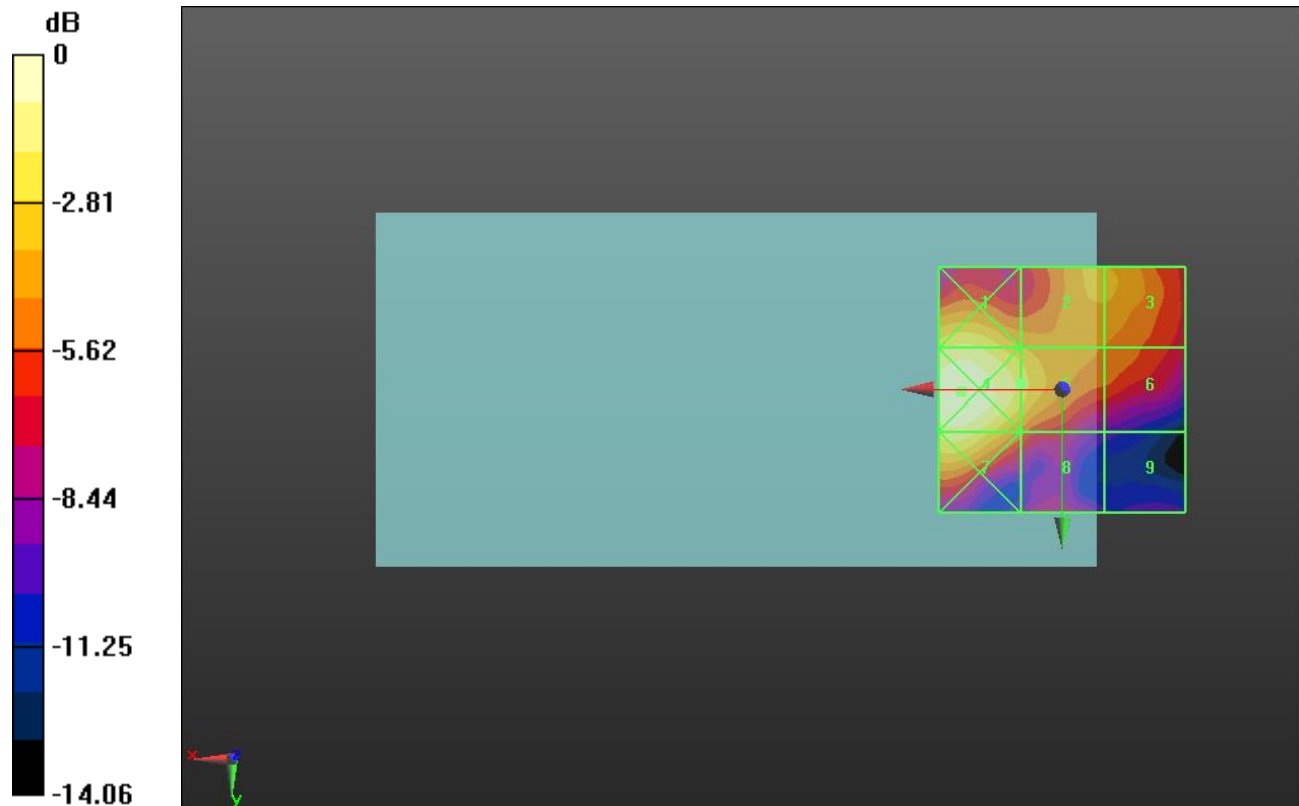
Applied MIF = -5.82 dB

RF audio interference level = 12.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.93 dBV/m	Grid 2 M4 11.01 dBV/m	Grid 3 M4 10.98 dBV/m
Grid 4 M4 14.51 dBV/m	Grid 5 M4 12.34 dBV/m	Grid 6 M4 9.8 dBV/m
Grid 7 M4 13.37 dBV/m	Grid 8 M4 9.57 dBV/m	Grid 9 M4 5 dBV/m



0 dB = 5.317 V/m = 14.51 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 44/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.658 V/m; Power Drift = -0.11 dB

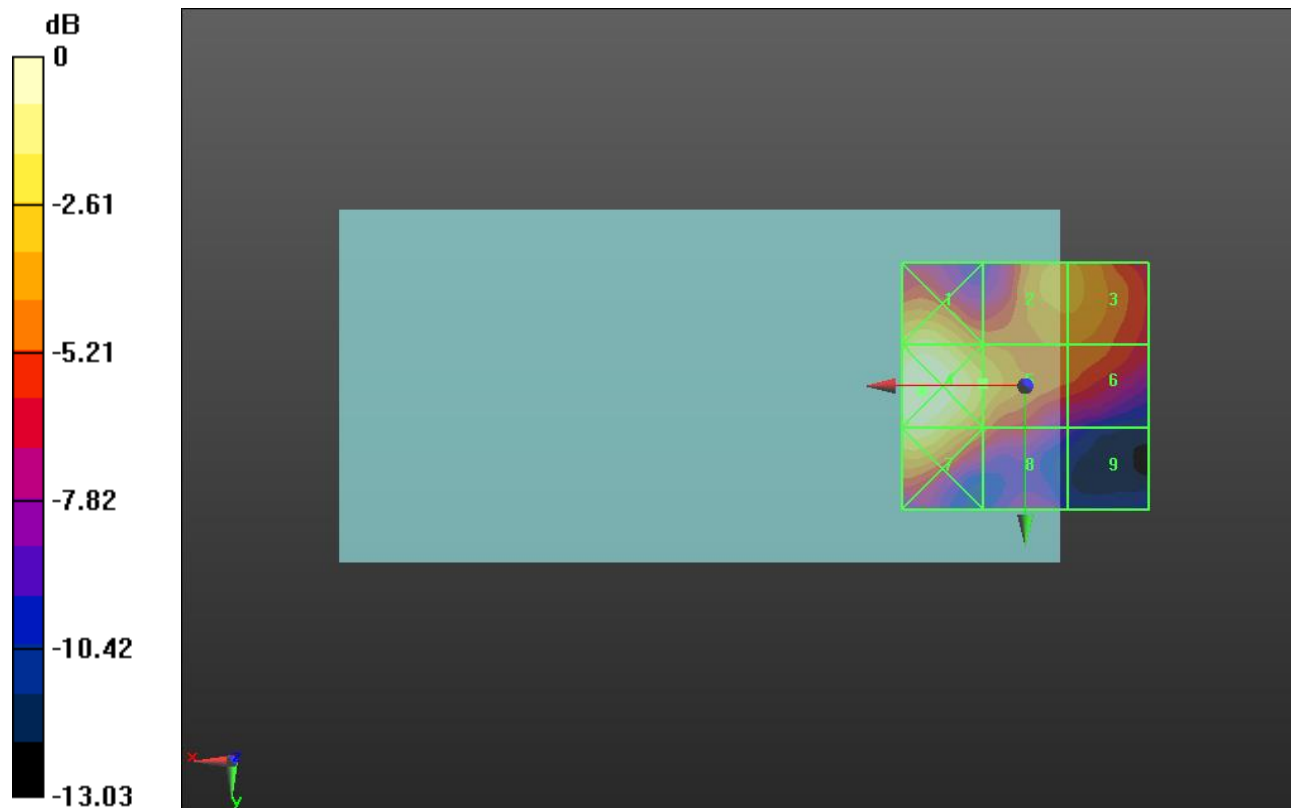
Applied MIF = -5.82 dB

RF audio interference level = 12.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.05 dBV/m	Grid 2 M4 11.4 dBV/m	Grid 3 M4 11.33 dBV/m
Grid 4 M4 14.46 dBV/m	Grid 5 M4 12.03 dBV/m	Grid 6 M4 10.19 dBV/m
Grid 7 M4 13.45 dBV/m	Grid 8 M4 9.8 dBV/m	Grid 9 M4 5.57 dBV/m



0 dB = 5.284 V/m = 14.46 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 48/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.723 V/m; Power Drift = -0.25 dB

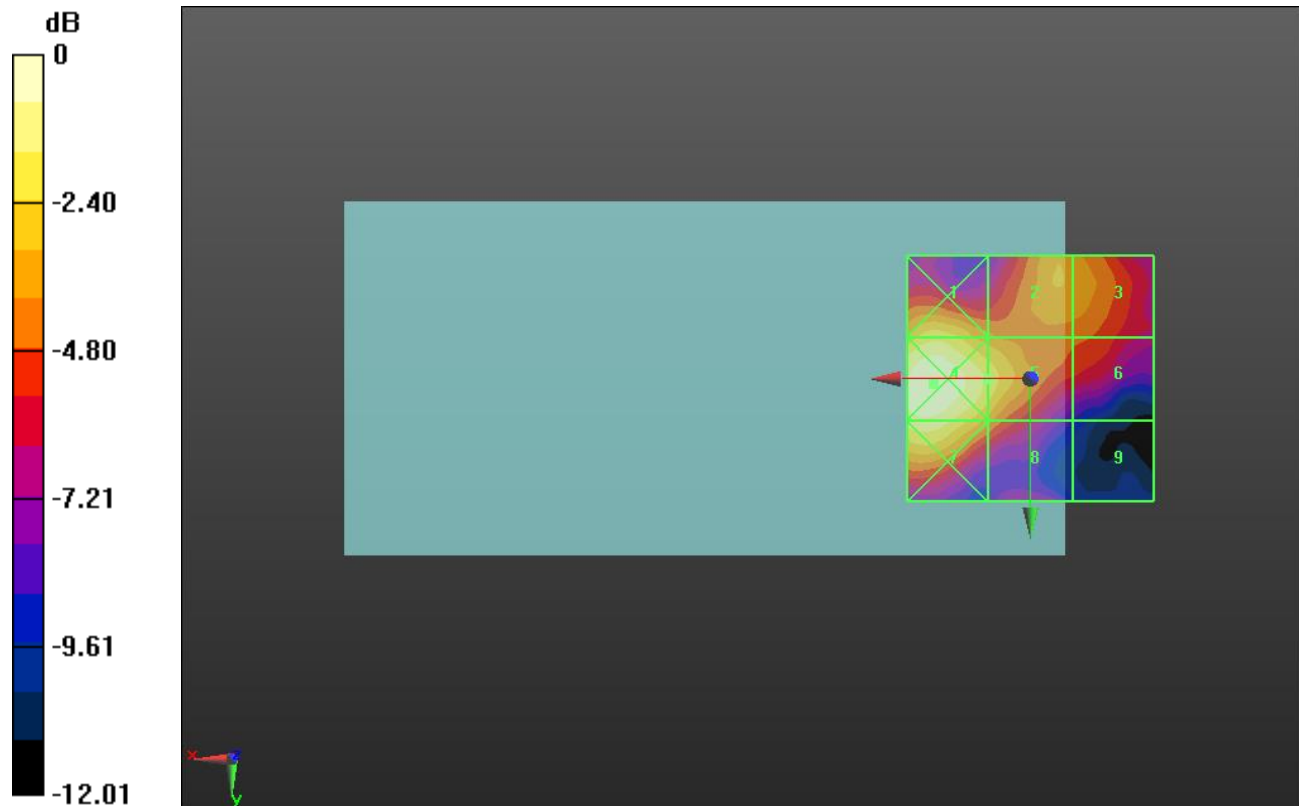
Applied MIF = -5.82 dB

RF audio interference level = 12.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.45 dBV/m	Grid 2 M4 11.17 dBV/m	Grid 3 M4 10.8 dBV/m
Grid 4 M4 14.28 dBV/m	Grid 5 M4 12.42 dBV/m	Grid 6 M4 9.88 dBV/m
Grid 7 M4 13.33 dBV/m	Grid 8 M4 10.63 dBV/m	Grid 9 M4 5.48 dBV/m



0 dB = 5.175 V/m = 14.28 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.437 V/m; Power Drift = -1.36 dB

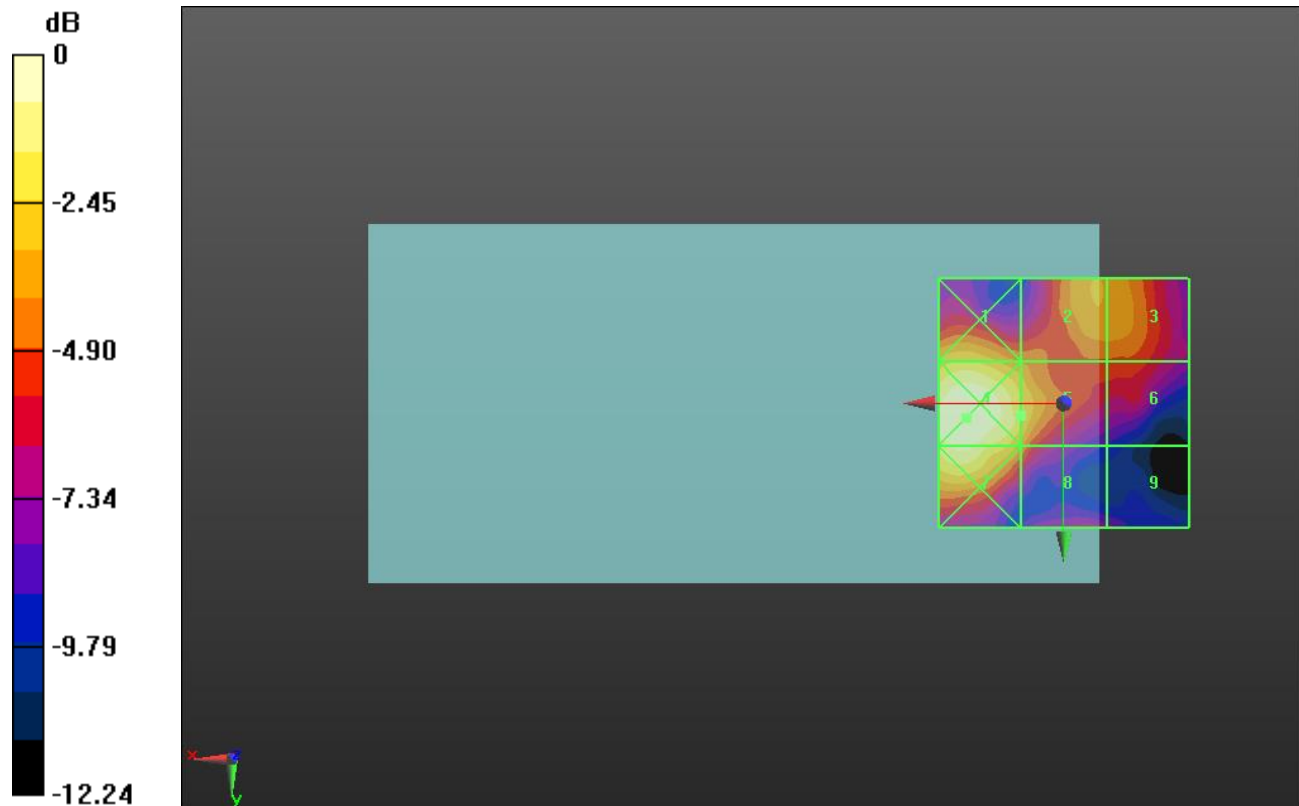
Applied MIF = -5.82 dB

RF audio interference level = 11.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.22 dBV/m	Grid 2 M4 10.37 dBV/m	Grid 3 M4 10.26 dBV/m
Grid 4 M4 13.56 dBV/m	Grid 5 M4 11.31 dBV/m	Grid 6 M4 8.6 dBV/m
Grid 7 M4 12.99 dBV/m	Grid 8 M4 9.67 dBV/m	Grid 9 M4 6.02 dBV/m



0 dB = 4.763 V/m = 13.56 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.657 V/m; Power Drift = -0.27 dB

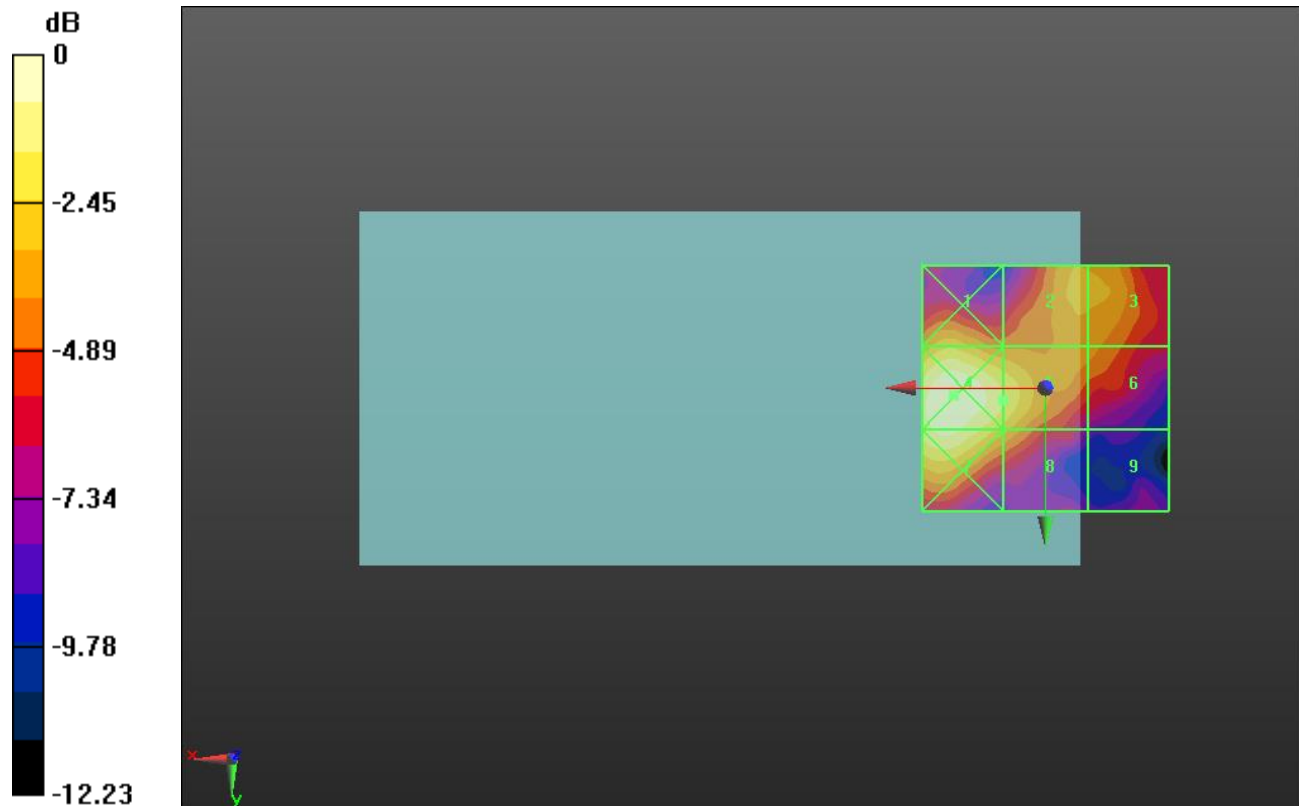
Applied MIF = -5.82 dB

RF audio interference level = 11.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.66 dBV/m	Grid 2 M4 10.23 dBV/m	Grid 3 M4 10.15 dBV/m
Grid 4 M4 13.21 dBV/m	Grid 5 M4 11.62 dBV/m	Grid 6 M4 9.47 dBV/m
Grid 7 M4 12.65 dBV/m	Grid 8 M4 10.28 dBV/m	Grid 9 M4 5.34 dBV/m



0 dB = 4.579 V/m = 13.22 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.768 V/m; Power Drift = -0.19 dB

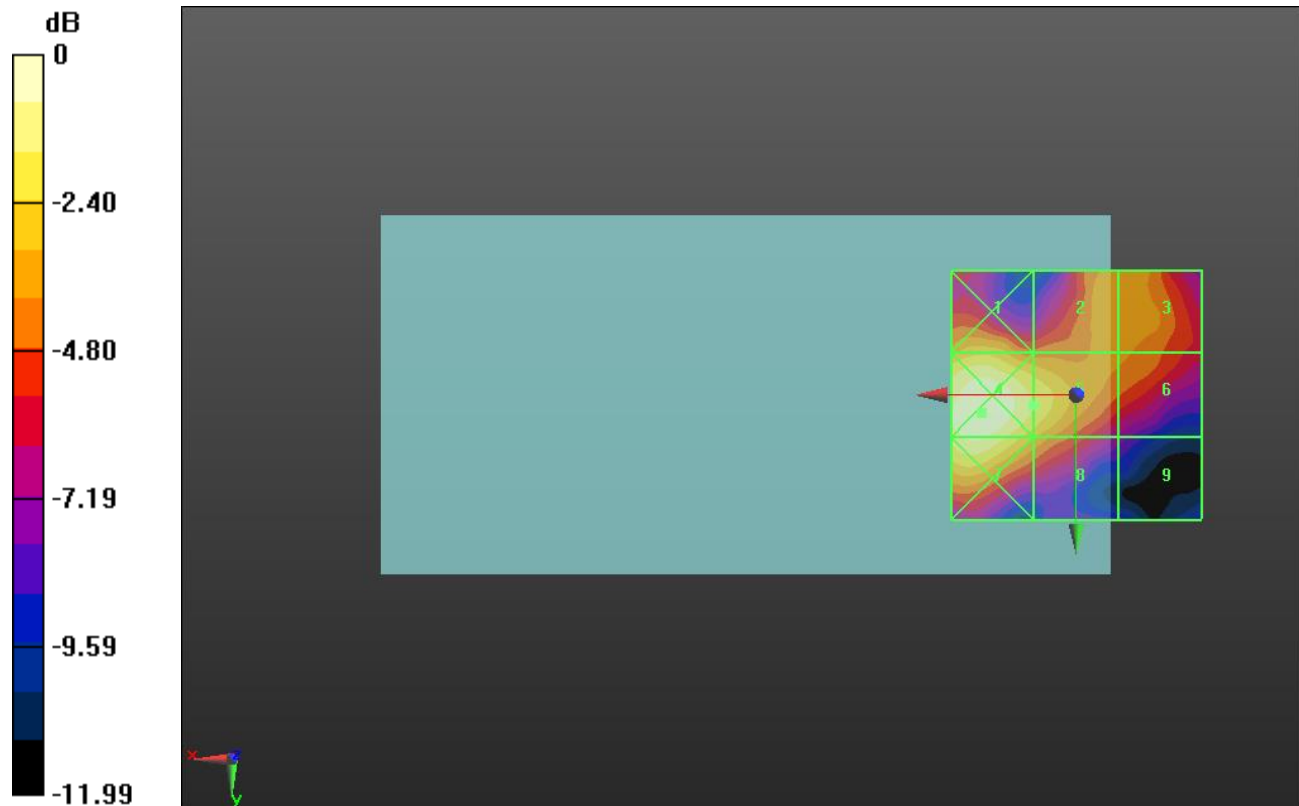
Applied MIF = -5.82 dB

RF audio interference level = 11.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.54 dBV/m	Grid 2 M4 9.9 dBV/m	Grid 3 M4 9.68 dBV/m
Grid 4 M4 13.13 dBV/m	Grid 5 M4 11.51 dBV/m	Grid 6 M4 9.32 dBV/m
Grid 7 M4 12.51 dBV/m	Grid 8 M4 10.04 dBV/m	Grid 9 M4 5.7 dBV/m



0 dB = 4.535 V/m = 13.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

802.11a E-Field measurement/IEEE 802.11a_OFDM 6 Mbps Ch. 104/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.019 V/m; Power Drift = -0.23 dB

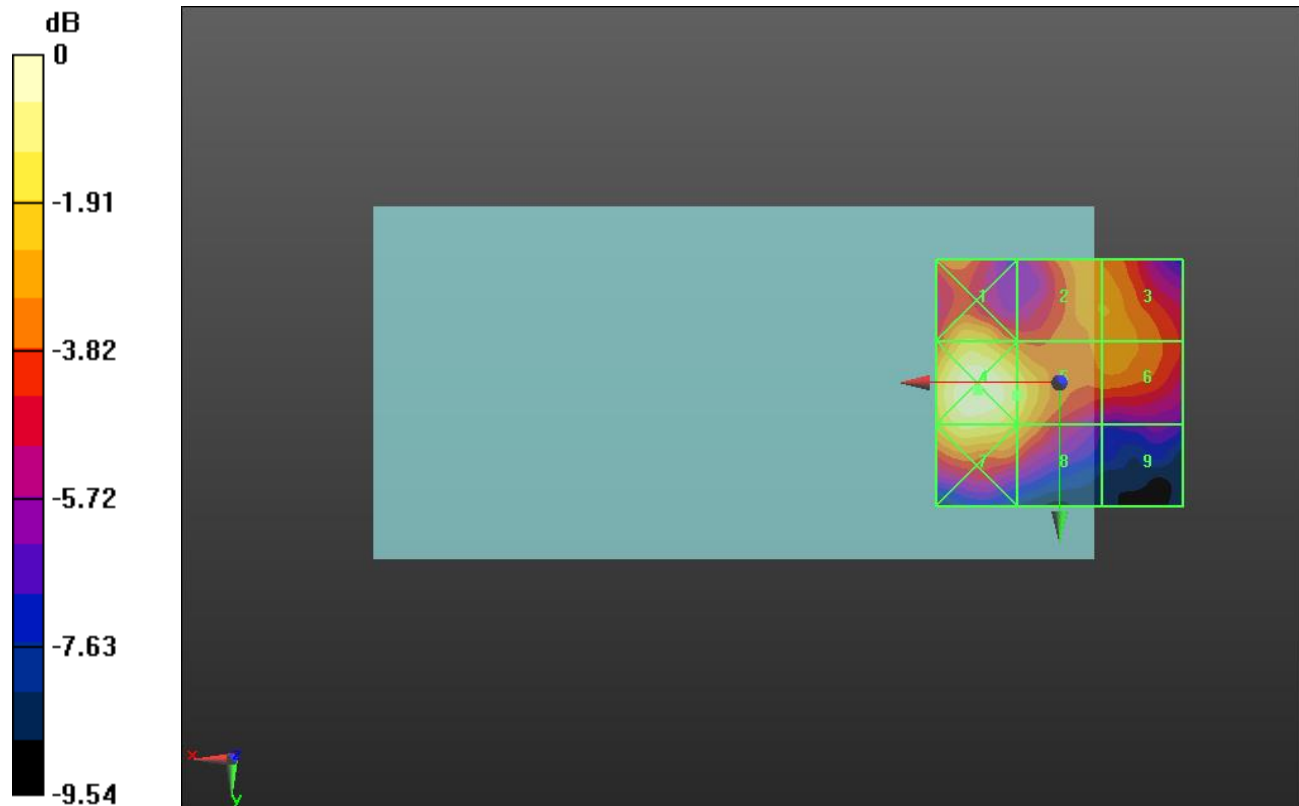
Applied MIF = -5.82 dB

RF audio interference level = 11.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.74 dBV/m	Grid 2 M4 9.99 dBV/m	Grid 3 M4 9.99 dBV/m
Grid 4 M4 12.5 dBV/m	Grid 5 M4 11.2 dBV/m	Grid 6 M4 9.83 dBV/m
Grid 7 M4 11.53 dBV/m	Grid 8 M4 10.36 dBV/m	Grid 9 M4 6.5 dBV/m



0 dB = 4.216 V/m = 12.50 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.917 V/m; Power Drift = -0.39 dB

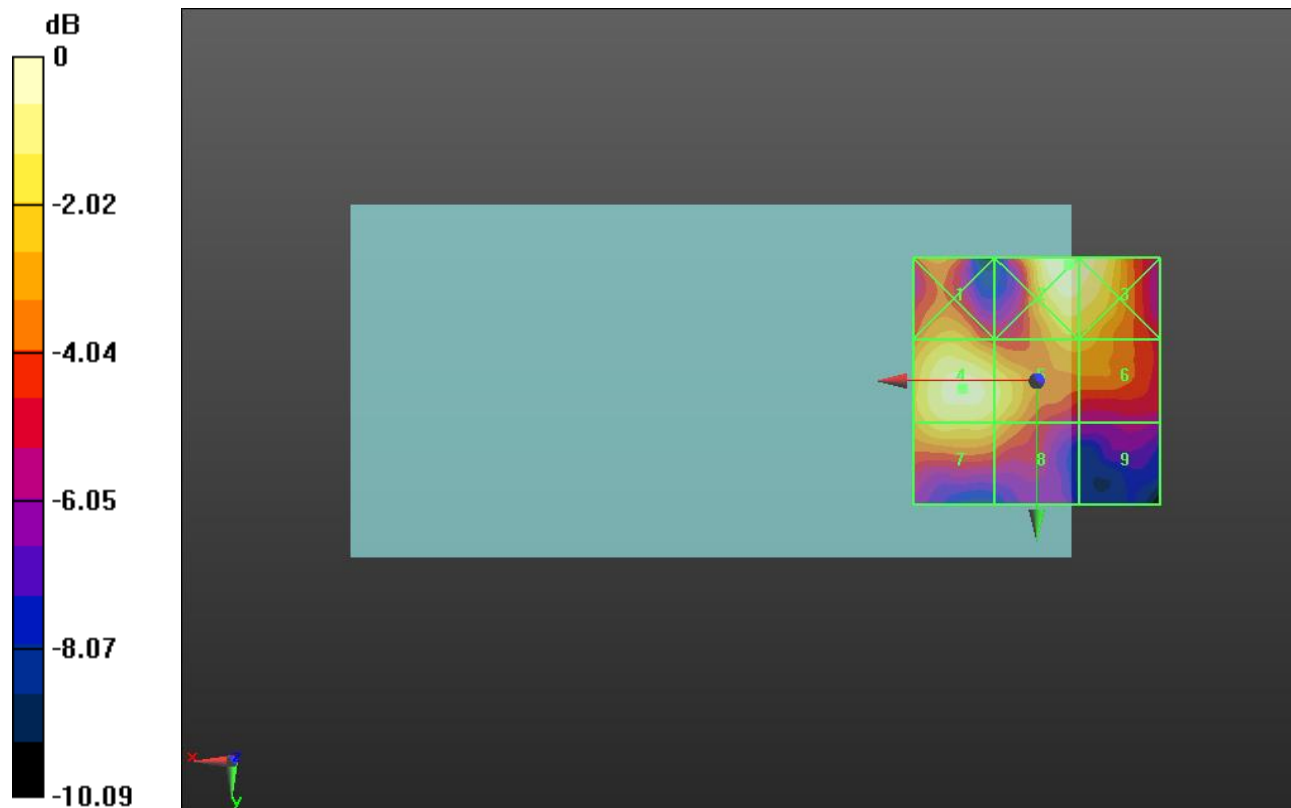
Applied MIF = -5.82 dB

RF audio interference level = 11.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.99 dBV/m	Grid 2 M4 12.18 dBV/m	Grid 3 M4 12.04 dBV/m
Grid 4 M4 11.83 dBV/m	Grid 5 M4 11.15 dBV/m	Grid 6 M4 9.96 dBV/m
Grid 7 M4 10.73 dBV/m	Grid 8 M4 10.1 dBV/m	Grid 9 M4 6.54 dBV/m



0 dB = 4.066 V/m = 12.18 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 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.766 V/m; Power Drift = -0.31 dB

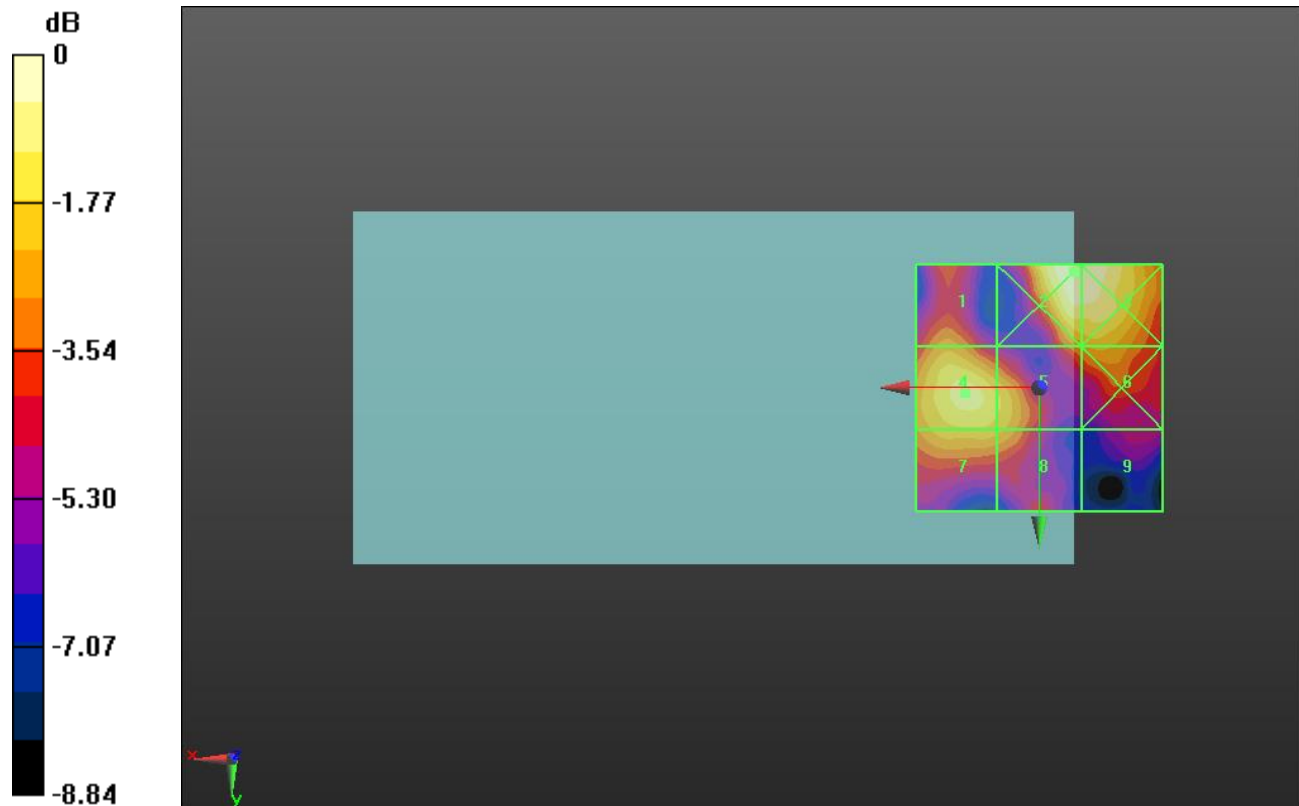
Applied MIF = -5.82 dB

RF audio interference level = 11.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.41 dBV/m	Grid 2 M4 11.98 dBV/m	Grid 3 M4 11.9 dBV/m
Grid 4 M4 11.12 dBV/m	Grid 5 M4 10.36 dBV/m	Grid 6 M4 9.85 dBV/m
Grid 7 M4 10.12 dBV/m	Grid 8 M4 9.82 dBV/m	Grid 9 M4 7.12 dBV/m



0 dB = 3.970 V/m = 11.98 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.983 V/m; Power Drift = 0.16 dB

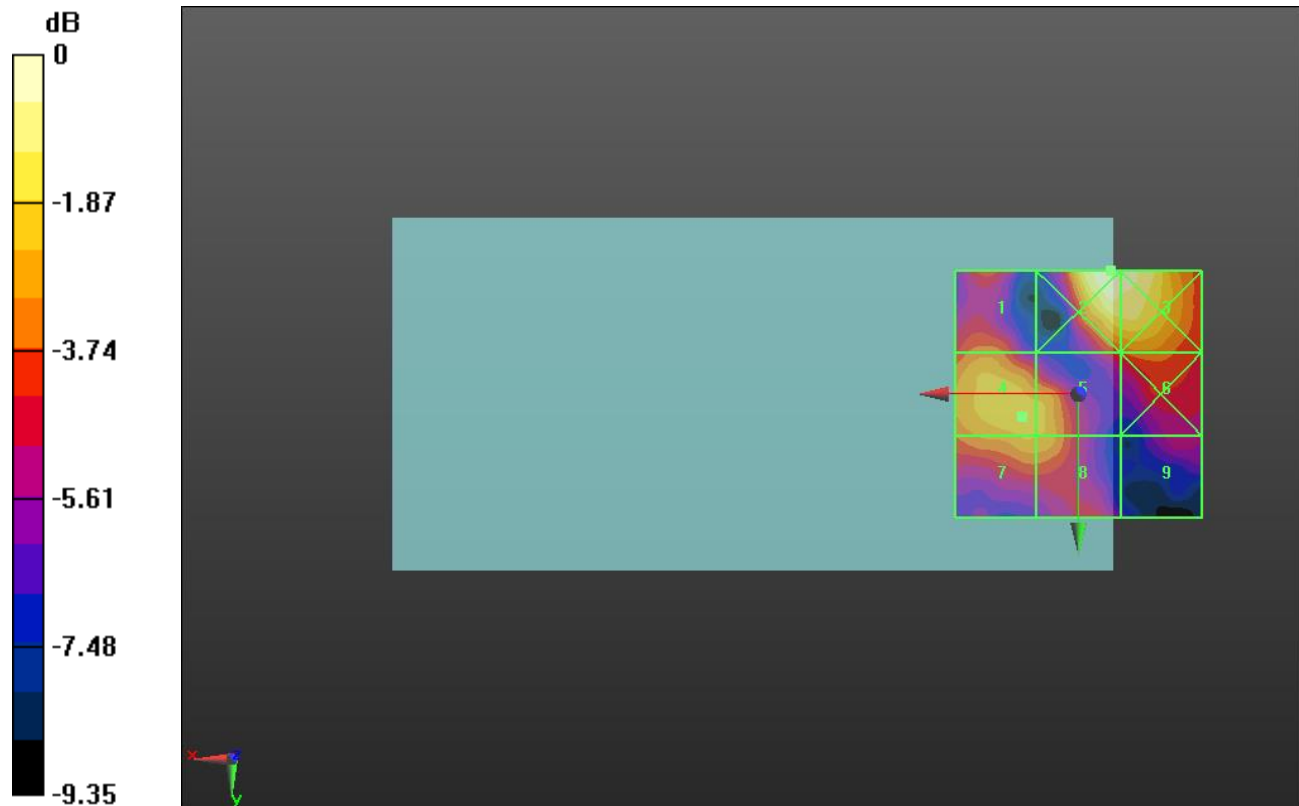
Applied MIF = -5.82 dB

RF audio interference level = 10.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.56 dBV/m	Grid 2 M4 11.91 dBV/m	Grid 3 M4 11.67 dBV/m
Grid 4 M4 10.07 dBV/m	Grid 5 M4 9.8 dBV/m	Grid 6 M4 8.68 dBV/m
Grid 7 M4 9.56 dBV/m	Grid 8 M4 9.49 dBV/m	Grid 9 M4 6.91 dBV/m



0 dB = 3.941 V/m = 11.91 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.514 V/m; Power Drift = -0.17 dB

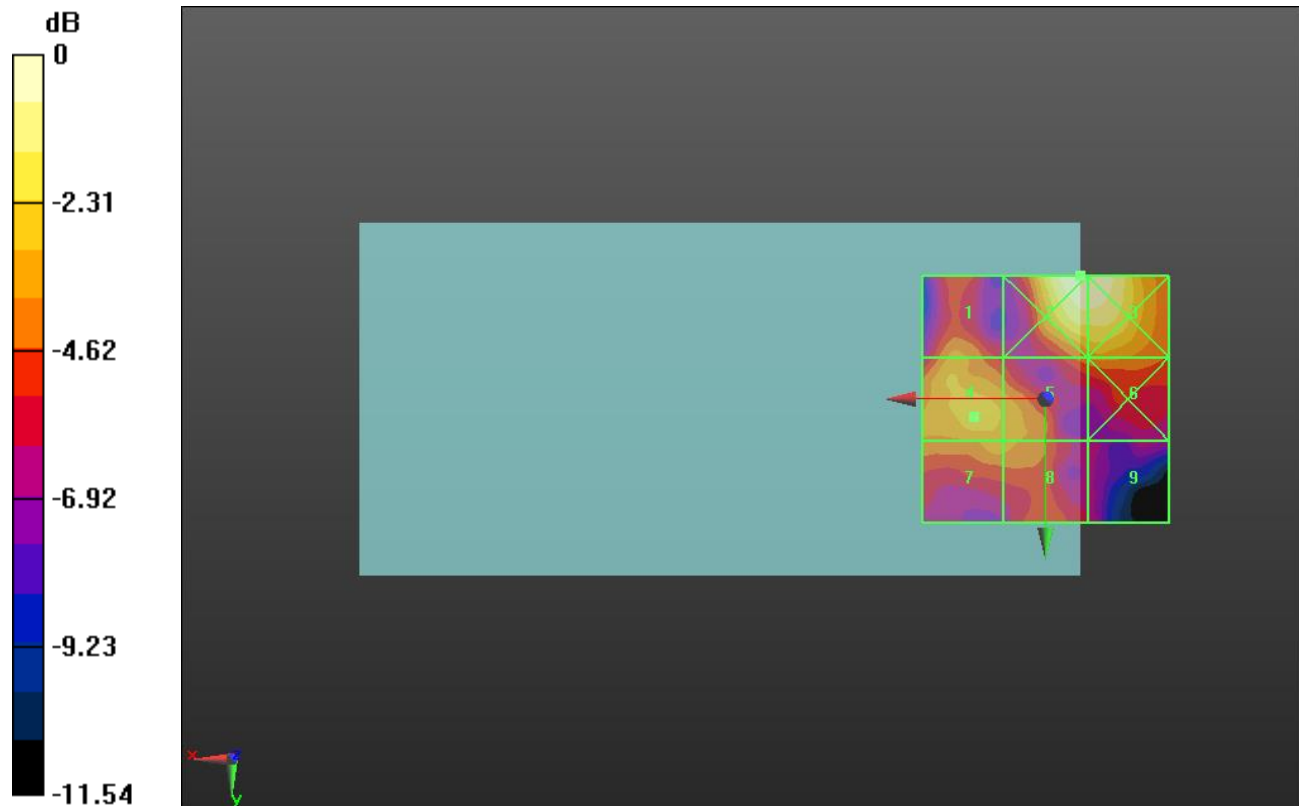
Applied MIF = -5.82 dB

RF audio interference level = 9.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.18 dBV/m	Grid 2 M4 11.73 dBV/m	Grid 3 M4 11.6 dBV/m
Grid 4 M4 9.05 dBV/m	Grid 5 M4 8.59 dBV/m	Grid 6 M4 8.28 dBV/m
Grid 7 M4 8.41 dBV/m	Grid 8 M4 8.32 dBV/m	Grid 9 M4 5.73 dBV/m



0 dB = 3.858 V/m = 11.73 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.906 V/m; Power Drift = -0.52 dB

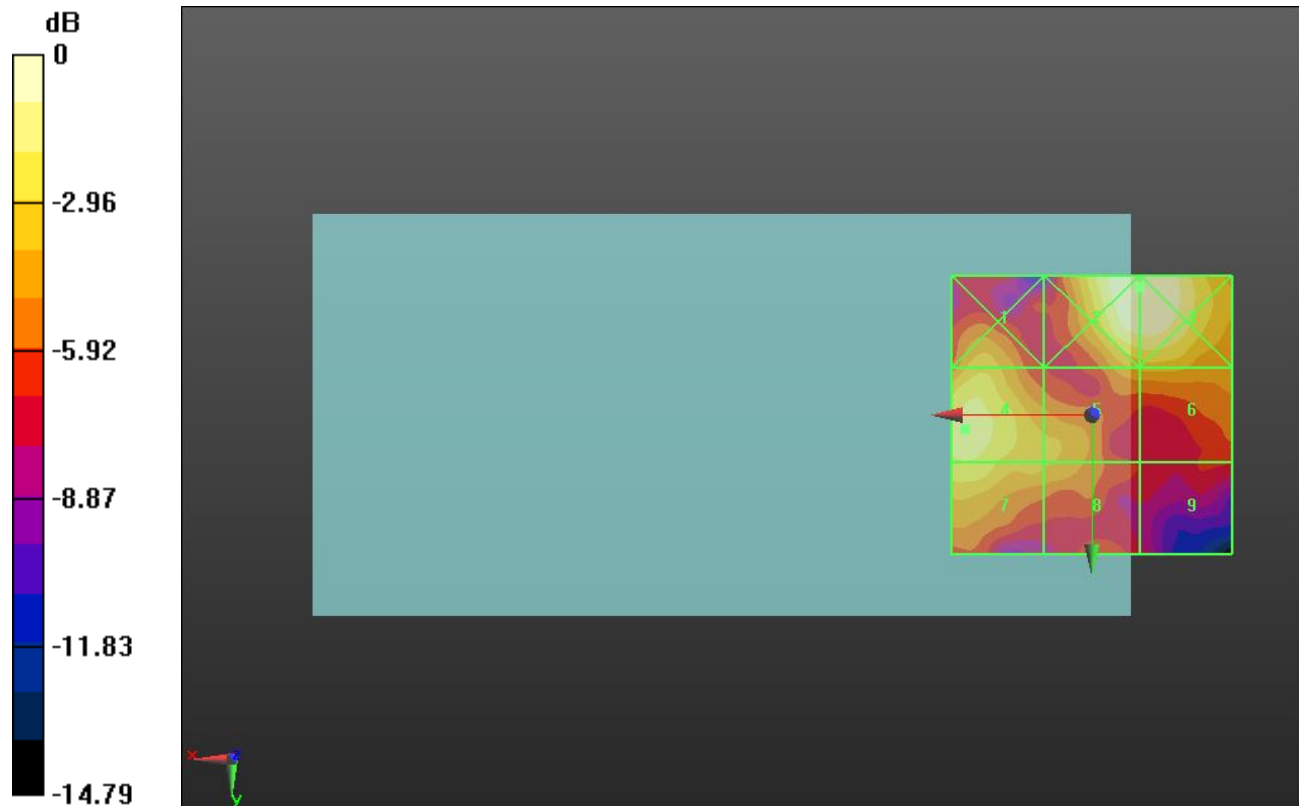
Applied MIF = -5.82 dB

RF audio interference level = 9.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.11 dBV/m	Grid 2 M4 11.25 dBV/m	Grid 3 M4 11.25 dBV/m
Grid 4 M4 9.76 dBV/m	Grid 5 M4 7.61 dBV/m	Grid 6 M4 7.81 dBV/m
Grid 7 M4 9.22 dBV/m	Grid 8 M4 7.47 dBV/m	Grid 9 M4 4.57 dBV/m



0 dB = 3.653 V/m = 11.25 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 = 10.99 V/m; Power Drift = -0.03 dB

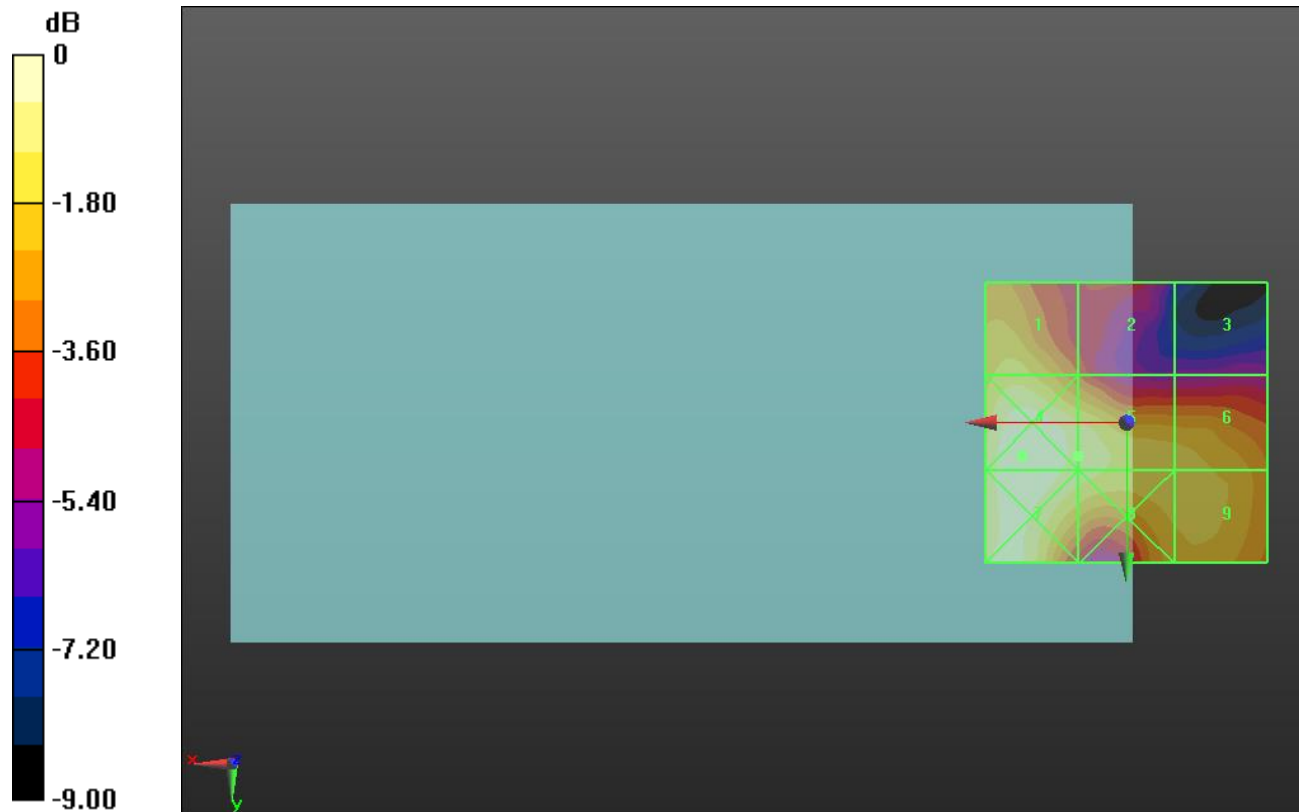
Applied MIF = -1.44 dB

RF audio interference level = 18.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.9 dBV/m	Grid 2 M4 15.75 dBV/m	Grid 3 M4 13.96 dBV/m
Grid 4 M4 19.31 dBV/m	Grid 5 M4 18.55 dBV/m	Grid 6 M4 17.95 dBV/m
Grid 7 M4 19.29 dBV/m	Grid 8 M4 18.44 dBV/m	Grid 9 M4 17.98 dBV/m



0 dB = 9.235 V/m = 19.31 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 = 10.26 V/m; Power Drift = 0.03 dB

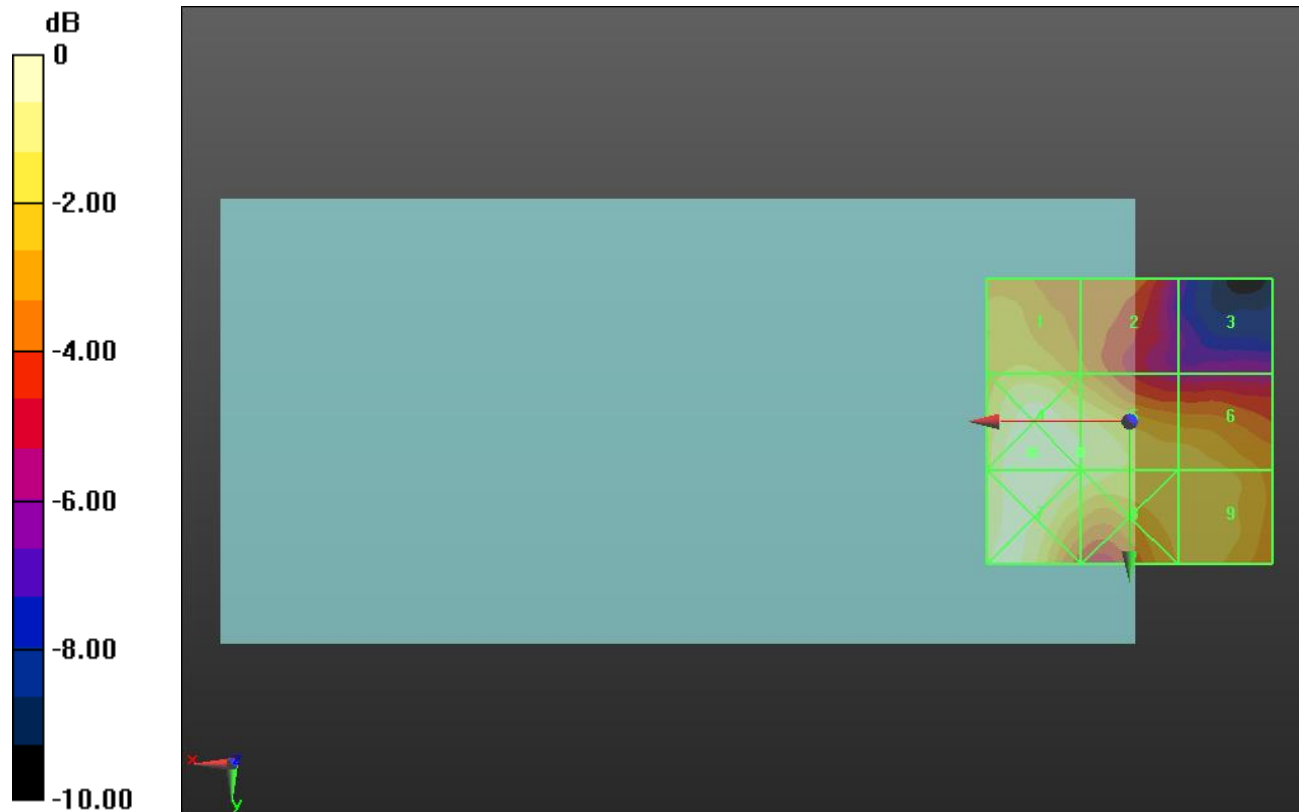
Applied MIF = -1.44 dB

RF audio interference level = 17.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.87 dBV/m	Grid 2 M4 15.63 dBV/m	Grid 3 M4 12.78 dBV/m
Grid 4 M4 18.62 dBV/m	Grid 5 M4 17.99 dBV/m	Grid 6 M4 17.08 dBV/m
Grid 7 M4 18.54 dBV/m	Grid 8 M4 17.8 dBV/m	Grid 9 M4 17.13 dBV/m



0 dB = 8.528 V/m = 18.62 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.375 V/m; Power Drift = -0.50 dB

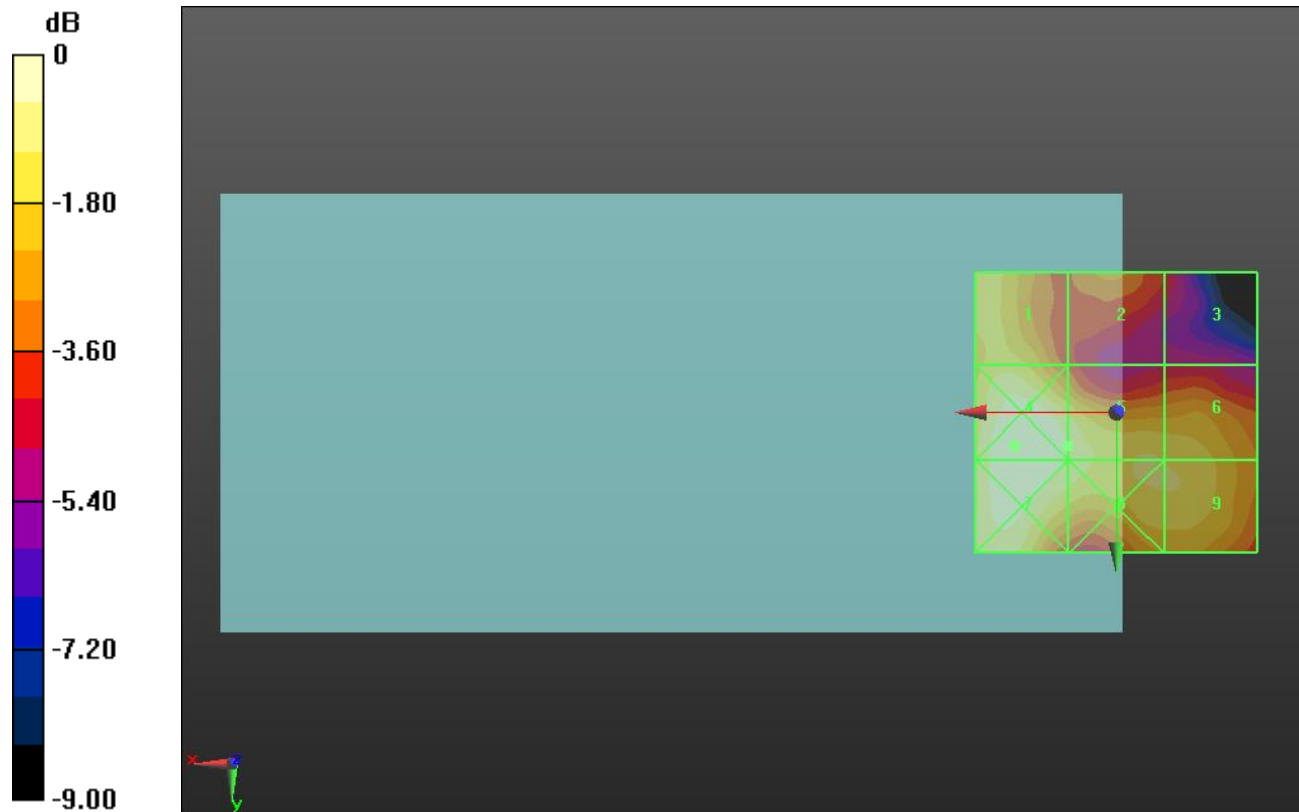
Applied MIF = -1.44 dB

RF audio interference level = 17.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.54 dBV/m	Grid 2 M4 15.17 dBV/m	Grid 3 M4 13.71 dBV/m
Grid 4 M4 17.88 dBV/m	Grid 5 M4 17.28 dBV/m	Grid 6 M4 16.67 dBV/m
Grid 7 M4 17.85 dBV/m	Grid 8 M4 17.19 dBV/m	Grid 9 M4 16.75 dBV/m



0 dB = 7.834 V/m = 17.88 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 = 7.913 V/m; Power Drift = 0.00 dB

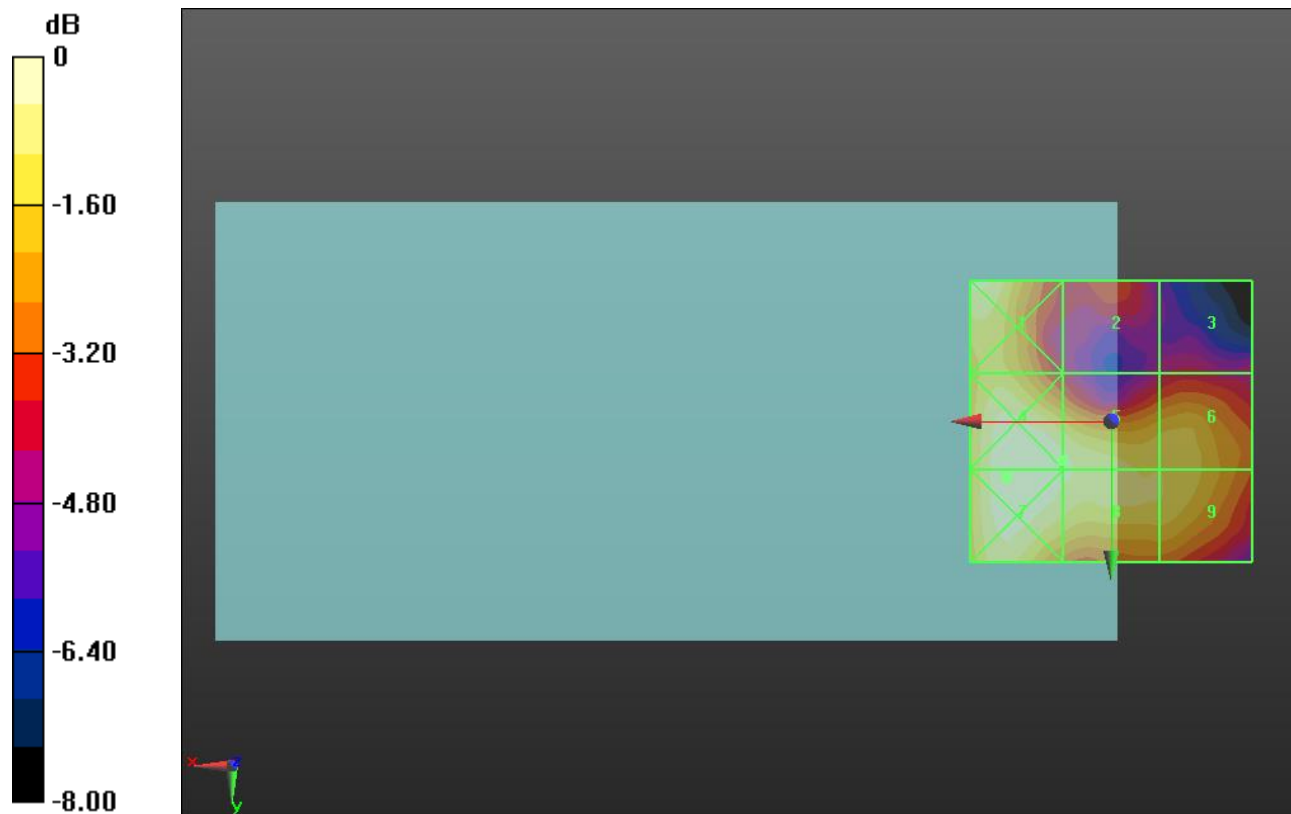
Applied MIF = -1.44 dB

RF audio interference level = 16.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.78 dBV/m	Grid 2 M4 13.89 dBV/m	Grid 3 M4 13.18 dBV/m
Grid 4 M4 17.12 dBV/m	Grid 5 M4 16.73 dBV/m	Grid 6 M4 16.05 dBV/m
Grid 7 M4 17.13 dBV/m	Grid 8 M4 16.68 dBV/m	Grid 9 M4 16.09 dBV/m



0 dB = 7.183 V/m = 17.13 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 = 39.39 V/m; Power Drift = -0.29 dB

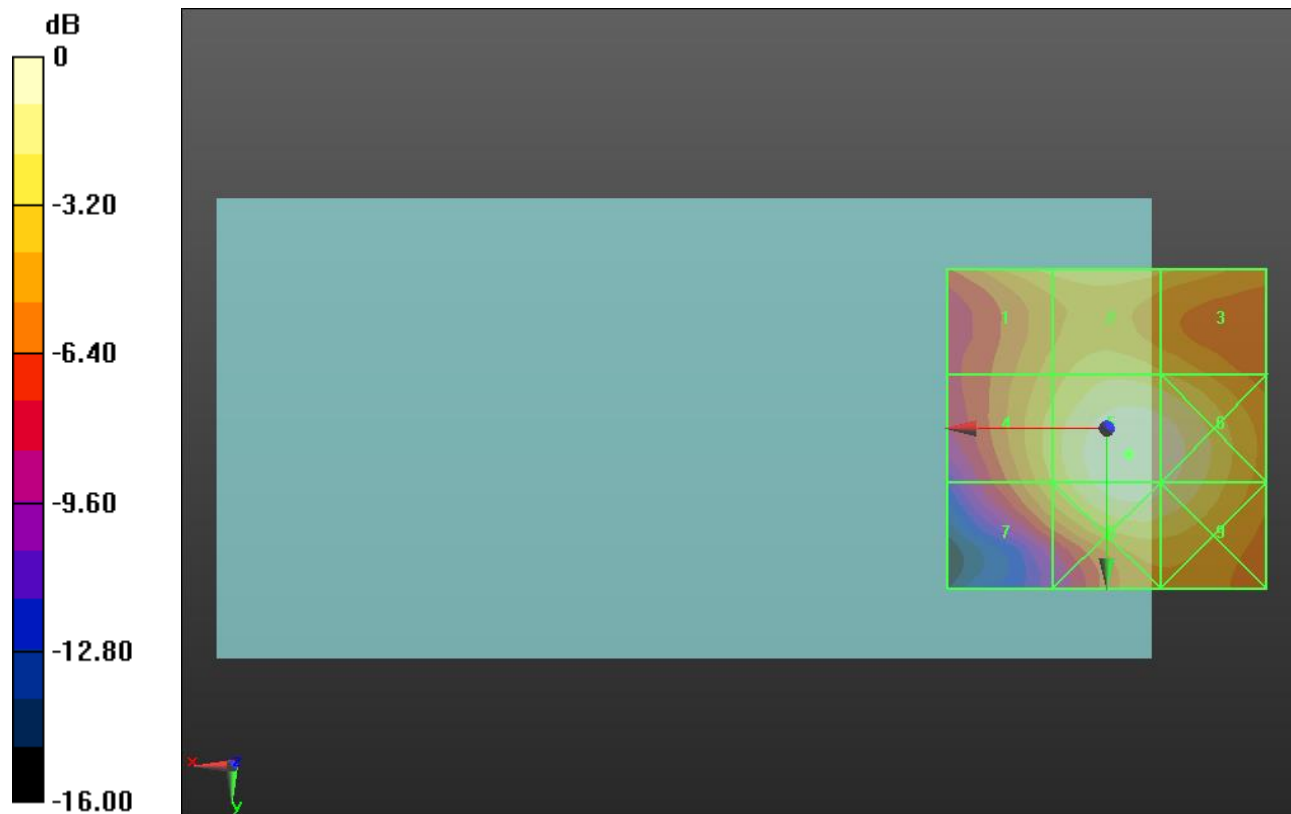
Applied MIF = -1.44 dB

RF audio interference level = 26.67 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.99 dBV/m	Grid 2 M4 24.65 dBV/m	Grid 3 M4 23.9 dBV/m
Grid 4 M4 24.08 dBV/m	Grid 5 M4 26.67 dBV/m	Grid 6 M4 26.29 dBV/m
Grid 7 M4 23.5 dBV/m	Grid 8 M4 26.32 dBV/m	Grid 9 M4 25.91 dBV/m



0 dB = 21.56 V/m = 26.67 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.77 V/m; Power Drift = 0.02 dB

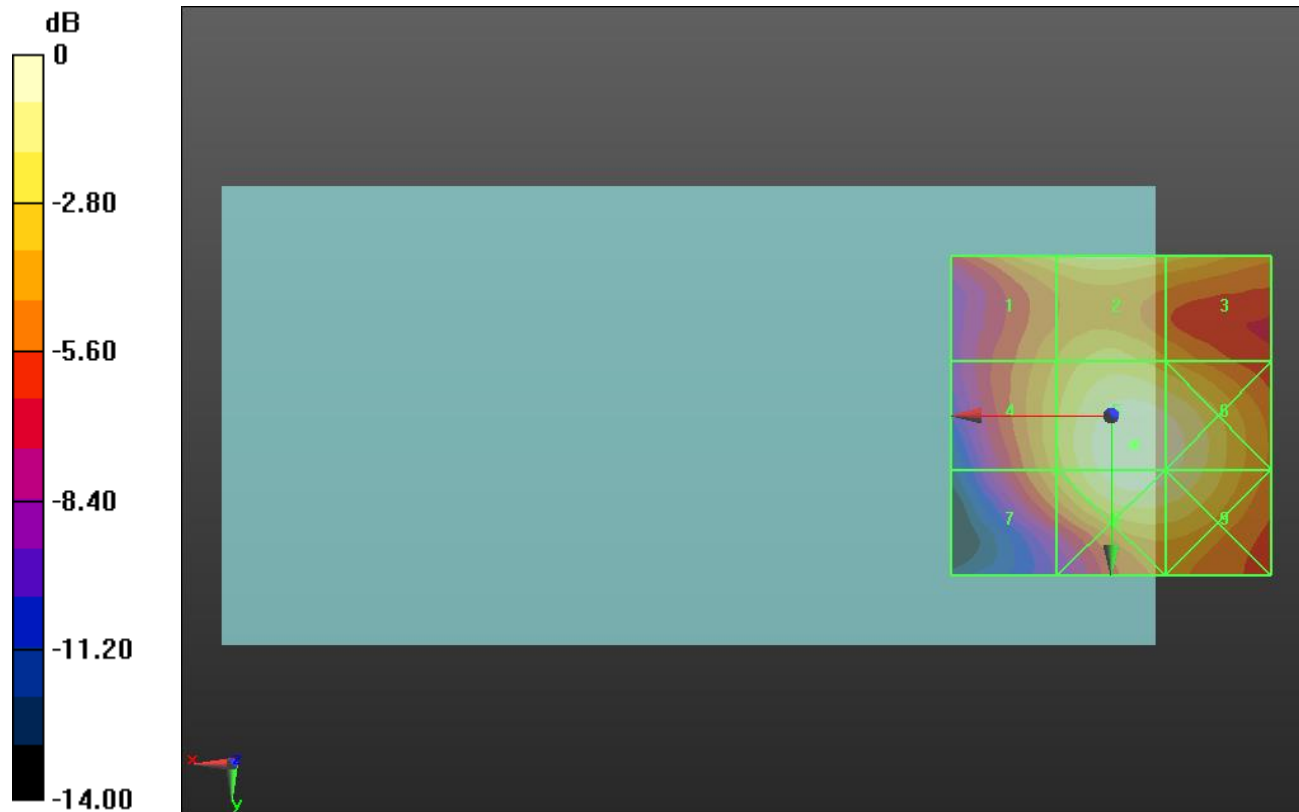
Applied MIF = -1.44 dB

RF audio interference level = 26.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.18 dBV/m	Grid 2 M4 24.95 dBV/m	Grid 3 M4 24.2 dBV/m
Grid 4 M4 23.55 dBV/m	Grid 5 M4 26.37 dBV/m	Grid 6 M4 25.97 dBV/m
Grid 7 M4 23.09 dBV/m	Grid 8 M4 26.15 dBV/m	Grid 9 M4 25.75 dBV/m



0 dB = 20.82 V/m = 26.37 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 = 34.03 V/m; Power Drift = -0.02 dB

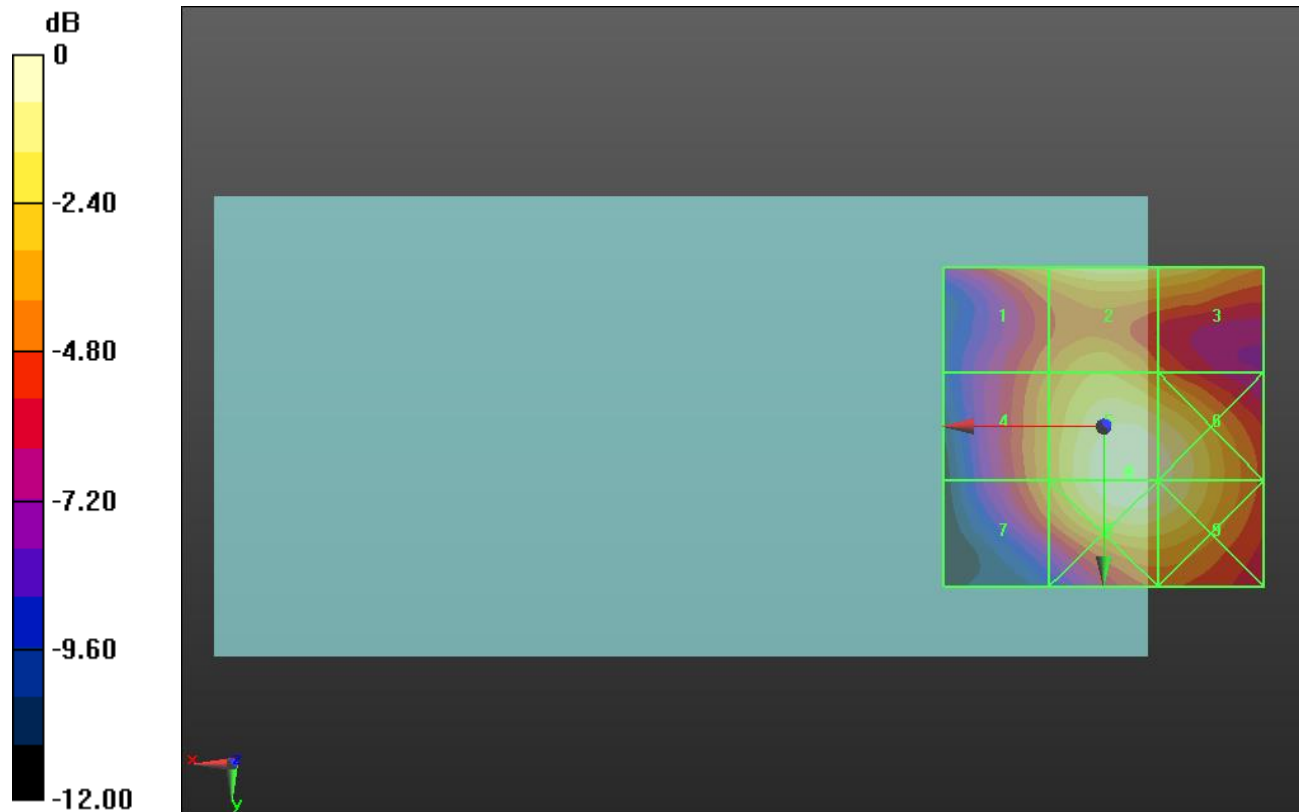
Applied MIF = -1.44 dB

RF audio interference level = 25.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.89 dBV/m	Grid 2 M4 25.11 dBV/m	Grid 3 M4 24.52 dBV/m
Grid 4 M4 22.81 dBV/m	Grid 5 M4 25.78 dBV/m	Grid 6 M4 25.4 dBV/m
Grid 7 M4 22.67 dBV/m	Grid 8 M4 25.74 dBV/m	Grid 9 M4 25.35 dBV/m



0 dB = 19.45 V/m = 25.78 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 = 30.71 V/m; Power Drift = 0.01 dB

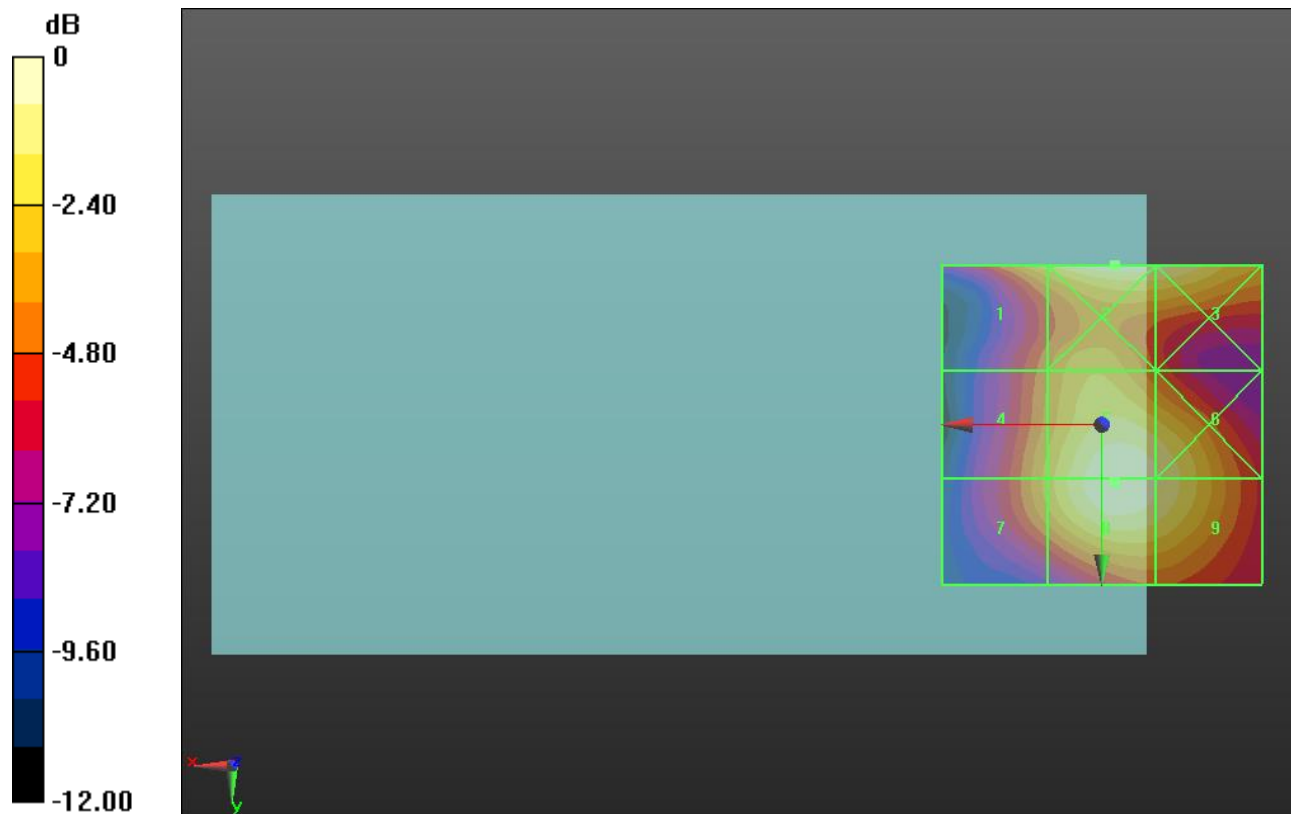
Applied MIF = -1.44 dB

RF audio interference level = 25.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.69 dBV/m	Grid 2 M4 25.39 dBV/m	Grid 3 M4 25.04 dBV/m
Grid 4 M4 22.57 dBV/m	Grid 5 M4 25.34 dBV/m	Grid 6 M4 24.68 dBV/m
Grid 7 M4 22.58 dBV/m	Grid 8 M4 25.35 dBV/m	Grid 9 M4 24.68 dBV/m



0 dB = 18.60 V/m = 25.39 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 = 14.32 V/m; Power Drift = -0.09 dB

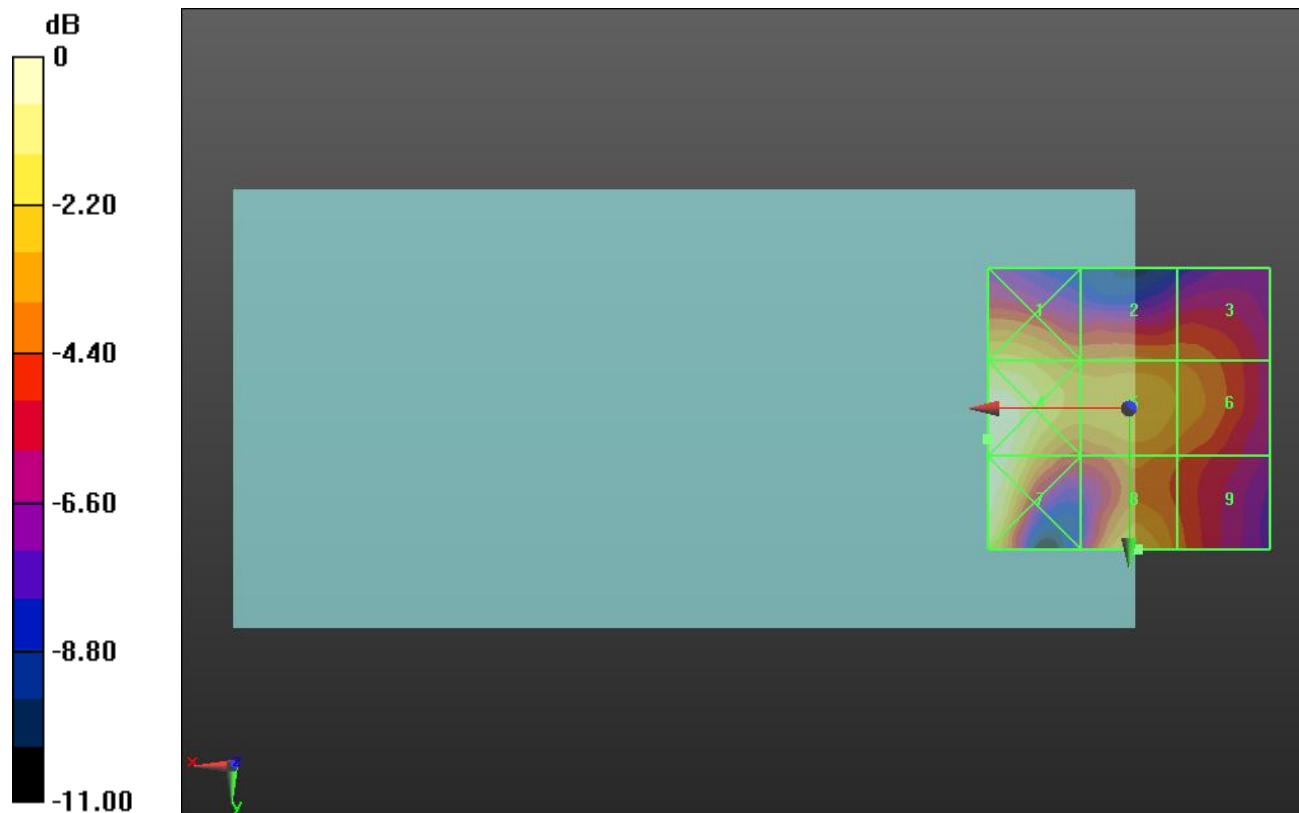
Applied MIF = -1.44 dB

RF audio interference level = 18.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.7 dBV/m	Grid 2 M4 17.11 dBV/m	Grid 3 M4 16.85 dBV/m
Grid 4 M4 20.55 dBV/m	Grid 5 M4 18.37 dBV/m	Grid 6 M4 17.59 dBV/m
Grid 7 M4 20.49 dBV/m	Grid 8 M4 18.42 dBV/m	Grid 9 M4 16.63 dBV/m



0 dB = 10.65 V/m = 20.55 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 = 11.55 V/m; Power Drift = 0.03 dB

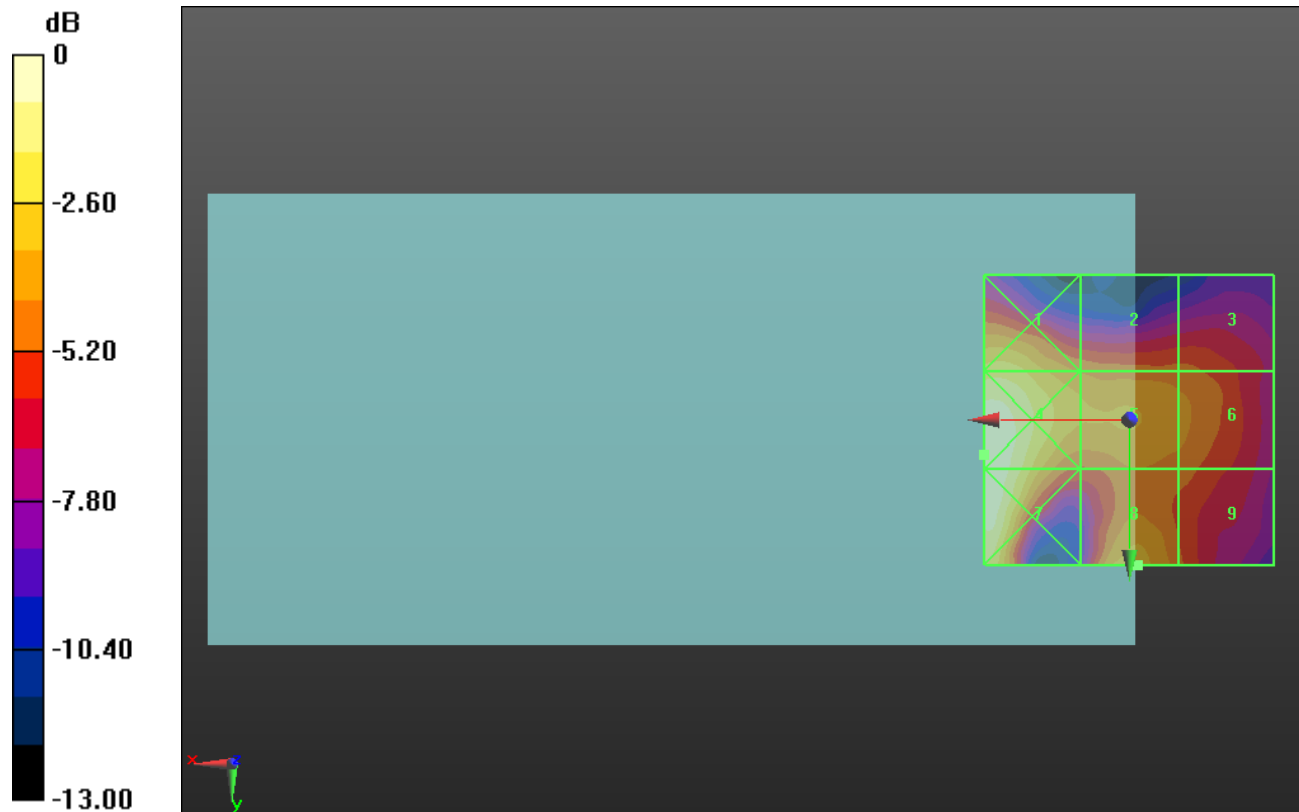
Applied MIF = -1.44 dB

RF audio interference level = 17.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.06 dBV/m	Grid 2 M4 15.73 dBV/m	Grid 3 M4 15.26 dBV/m
Grid 4 M4 20.13 dBV/m	Grid 5 M4 16.79 dBV/m	Grid 6 M4 16.09 dBV/m
Grid 7 M4 20.08 dBV/m	Grid 8 M4 17.2 dBV/m	Grid 9 M4 15.4 dBV/m



0 dB = 10.15 V/m = 20.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.02 V/m; Power Drift = -0.27 dB

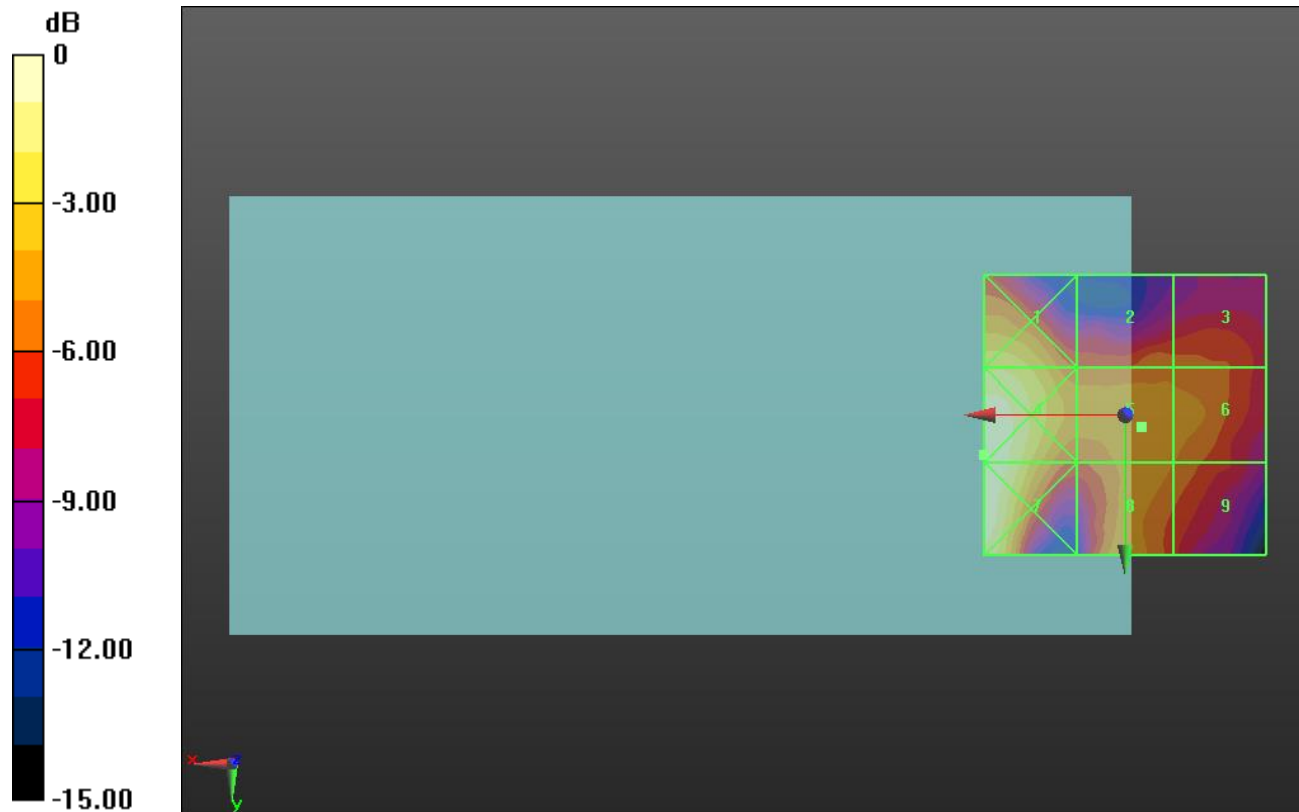
Applied MIF = -1.44 dB

RF audio interference level = 15.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.82 dBV/m	Grid 2 M4 14.87 dBV/m	Grid 3 M4 14.57 dBV/m
Grid 4 M4 19.93 dBV/m	Grid 5 M4 15.76 dBV/m	Grid 6 M4 15.49 dBV/m
Grid 7 M4 19.93 dBV/m	Grid 8 M4 15.66 dBV/m	Grid 9 M4 14.98 dBV/m



0 dB = 9.924 V/m = 19.93 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 = 9.289 V/m; Power Drift = -0.27 dB

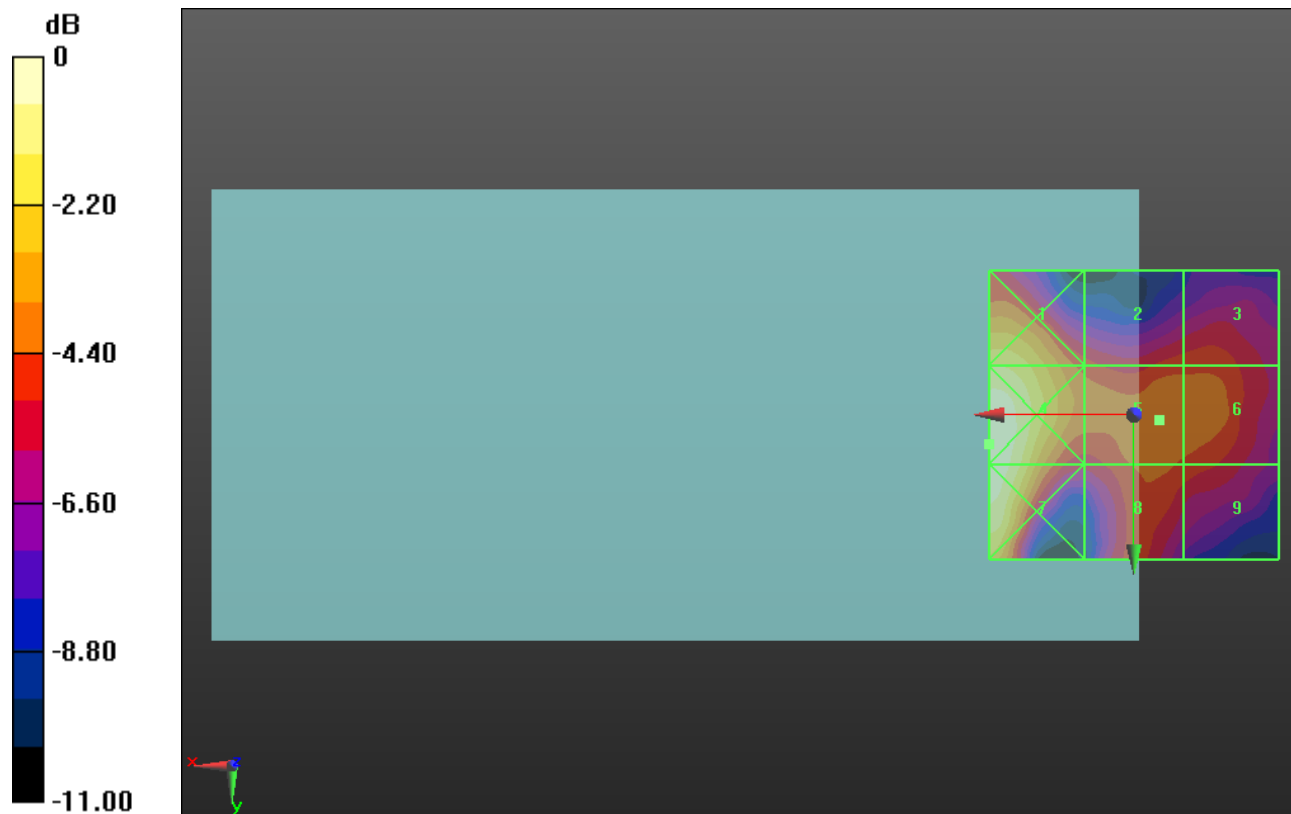
Applied MIF = -1.44 dB

RF audio interference level = 15.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.94 dBV/m	Grid 2 M4 14.81 dBV/m	Grid 3 M4 14.89 dBV/m
Grid 4 M4 19.45 dBV/m	Grid 5 M4 15.77 dBV/m	Grid 6 M4 15.61 dBV/m
Grid 7 M4 19.26 dBV/m	Grid 8 M4 15.31 dBV/m	Grid 9 M4 14.9 dBV/m



0 dB = 9.381 V/m = 19.44 dBV/m

