

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 = 40.71 V/m; Power Drift = 0.03 dB

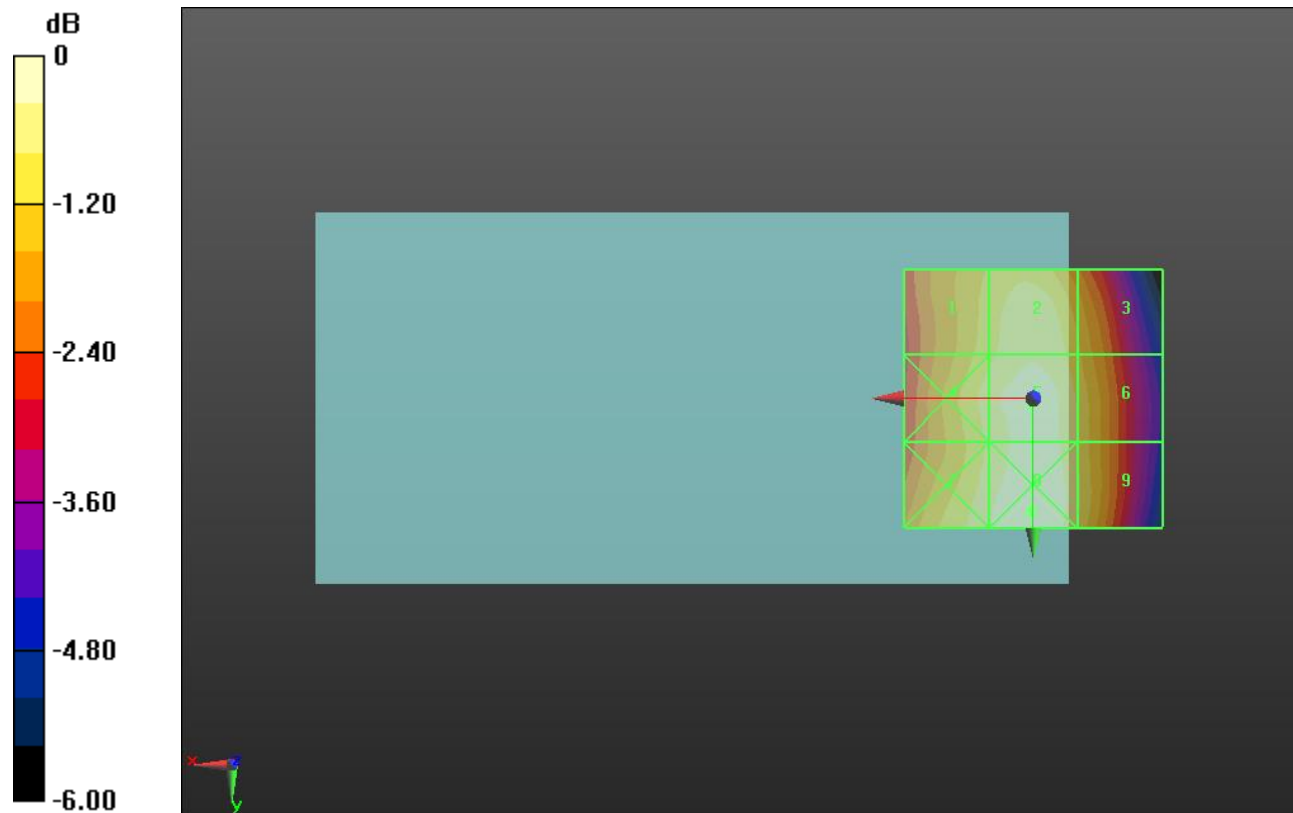
Applied MIF = 3.63 dB

RF audio interference level = 33.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.46 dBV/m	Grid 2 M4 32.92 dBV/m	Grid 3 M4 32.27 dBV/m
Grid 4 M4 32.77 dBV/m	Grid 5 M4 33.19 dBV/m	Grid 6 M4 32.54 dBV/m
Grid 7 M4 32.94 dBV/m	Grid 8 M4 33.35 dBV/m	Grid 9 M4 32.67 dBV/m



0 dB = 46.52 V/m = 33.35 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 = 44.68 V/m; Power Drift = 0.01 dB

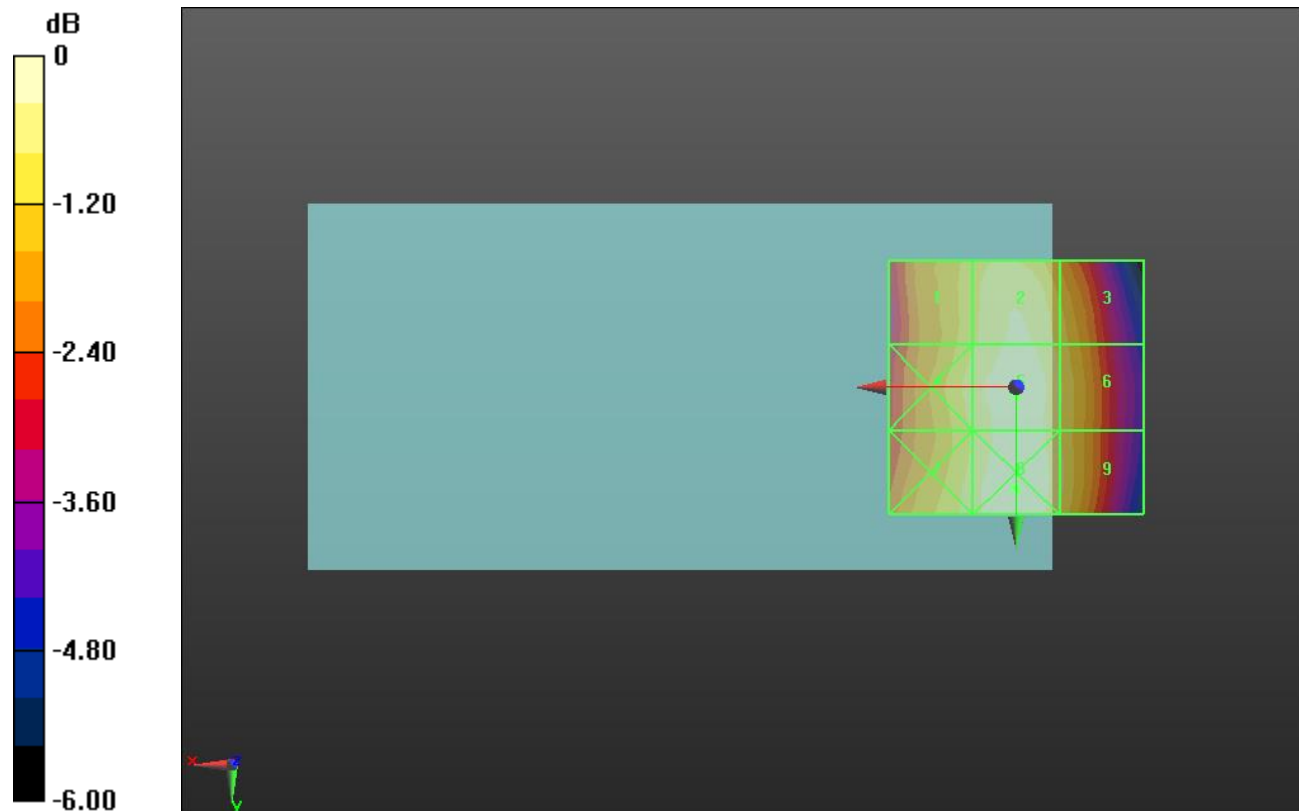
Applied MIF = 3.63 dB

RF audio interference level = 34.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.38 dBV/m	Grid 2 M4 33.91 dBV/m	Grid 3 M4 33.31 dBV/m
Grid 4 M4 33.65 dBV/m	Grid 5 M4 34.13 dBV/m	Grid 6 M4 33.52 dBV/m
Grid 7 M4 33.66 dBV/m	Grid 8 M4 34.23 dBV/m	Grid 9 M4 33.57 dBV/m



0 dB = 51.46 V/m = 34.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 43.40 V/m; Power Drift = -0.02 dB

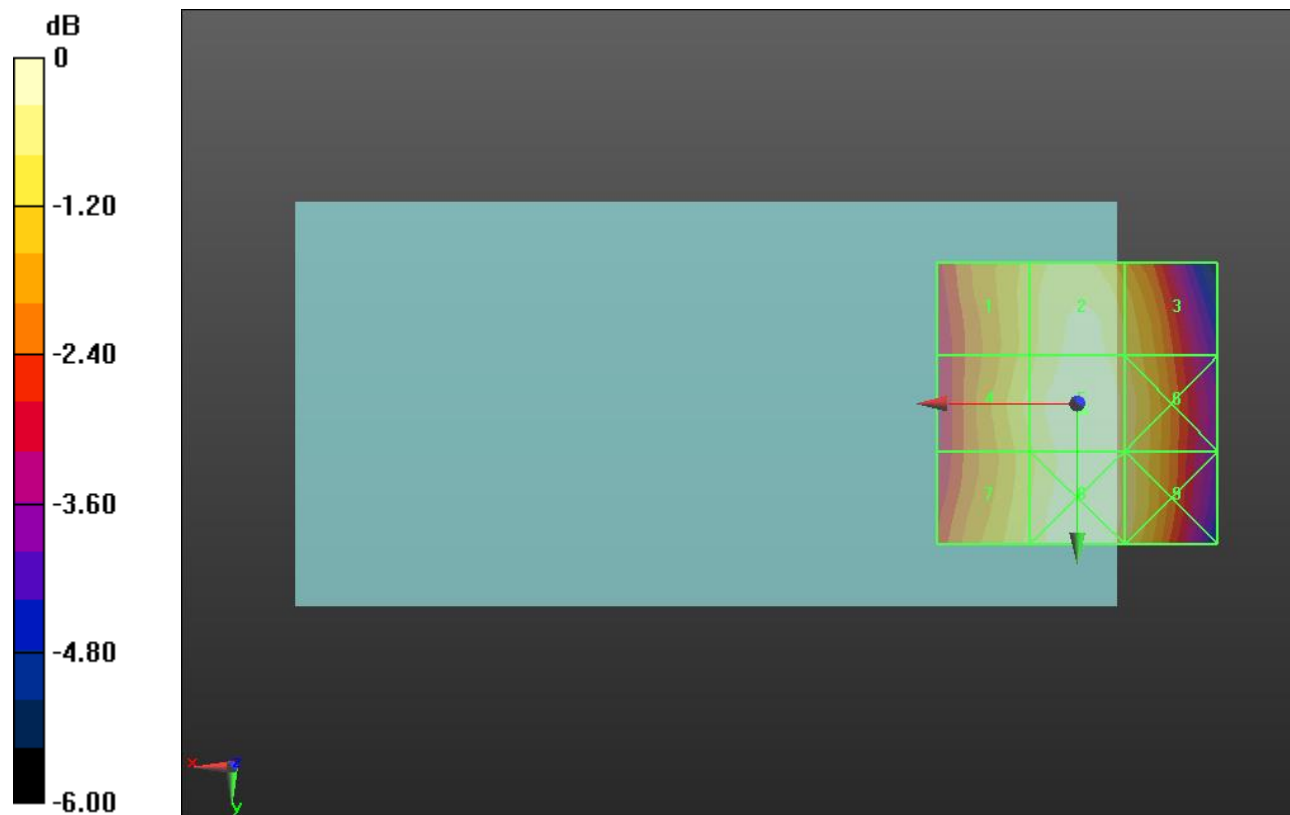
Applied MIF = 3.63 dB

RF audio interference level = 33.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.86 dBV/m	Grid 2 M4 33.58 dBV/m	Grid 3 M4 33.08 dBV/m
Grid 4 M4 33.13 dBV/m	Grid 5 M4 33.81 dBV/m	Grid 6 M4 33.32 dBV/m
Grid 7 M4 33.1 dBV/m	Grid 8 M4 33.81 dBV/m	Grid 9 M4 33.33 dBV/m



0 dB = 49.02 V/m = 33.81 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 = 10.23 V/m; Power Drift = -0.24 dB

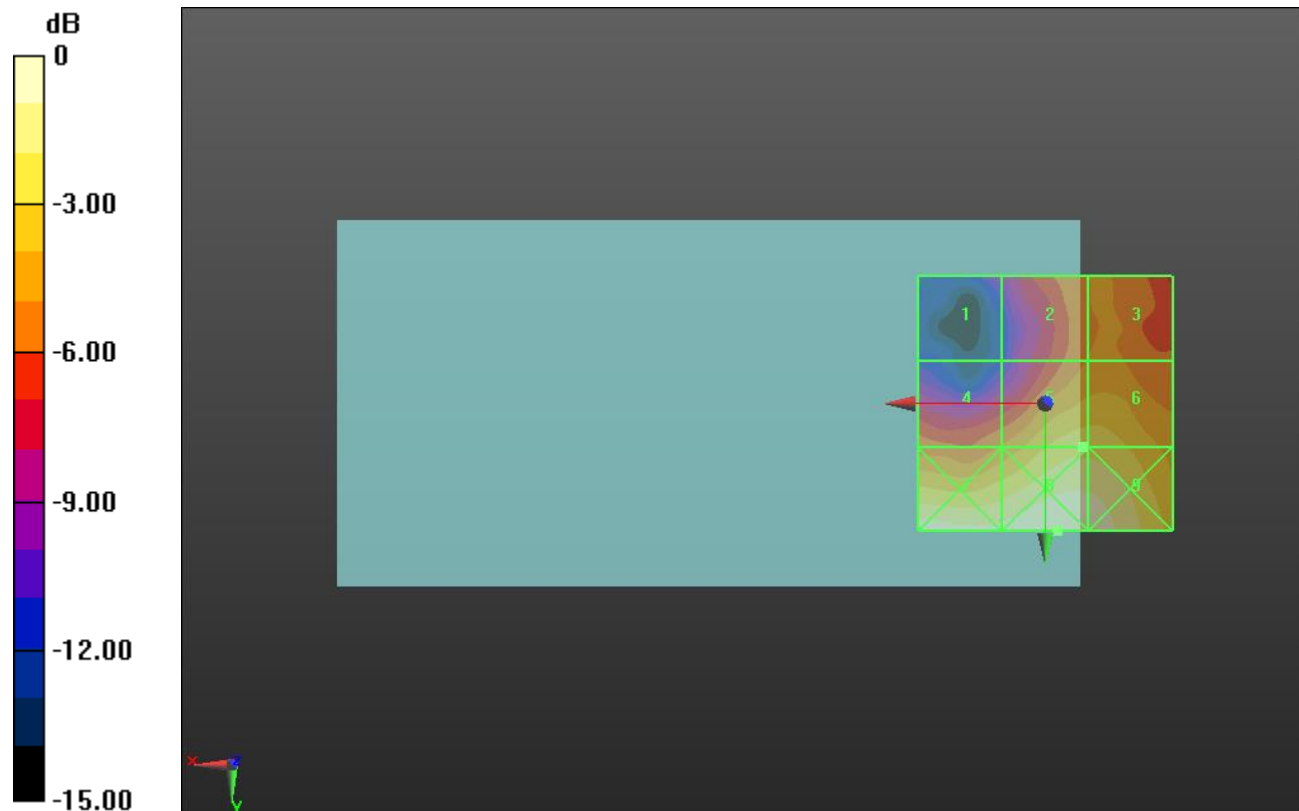
Applied MIF = 3.63 dB

RF audio interference level = 24.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.6 dBV/m	Grid 2 M4 21.71 dBV/m	Grid 3 M4 21.92 dBV/m
Grid 4 M4 21.76 dBV/m	Grid 5 M4 24.28 dBV/m	Grid 6 M4 24.27 dBV/m
Grid 7 M4 26.31 dBV/m	Grid 8 M4 26.61 dBV/m	Grid 9 M4 26.36 dBV/m



0 dB = 21.42 V/m = 26.62 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.97 V/m; Power Drift = -0.10 dB

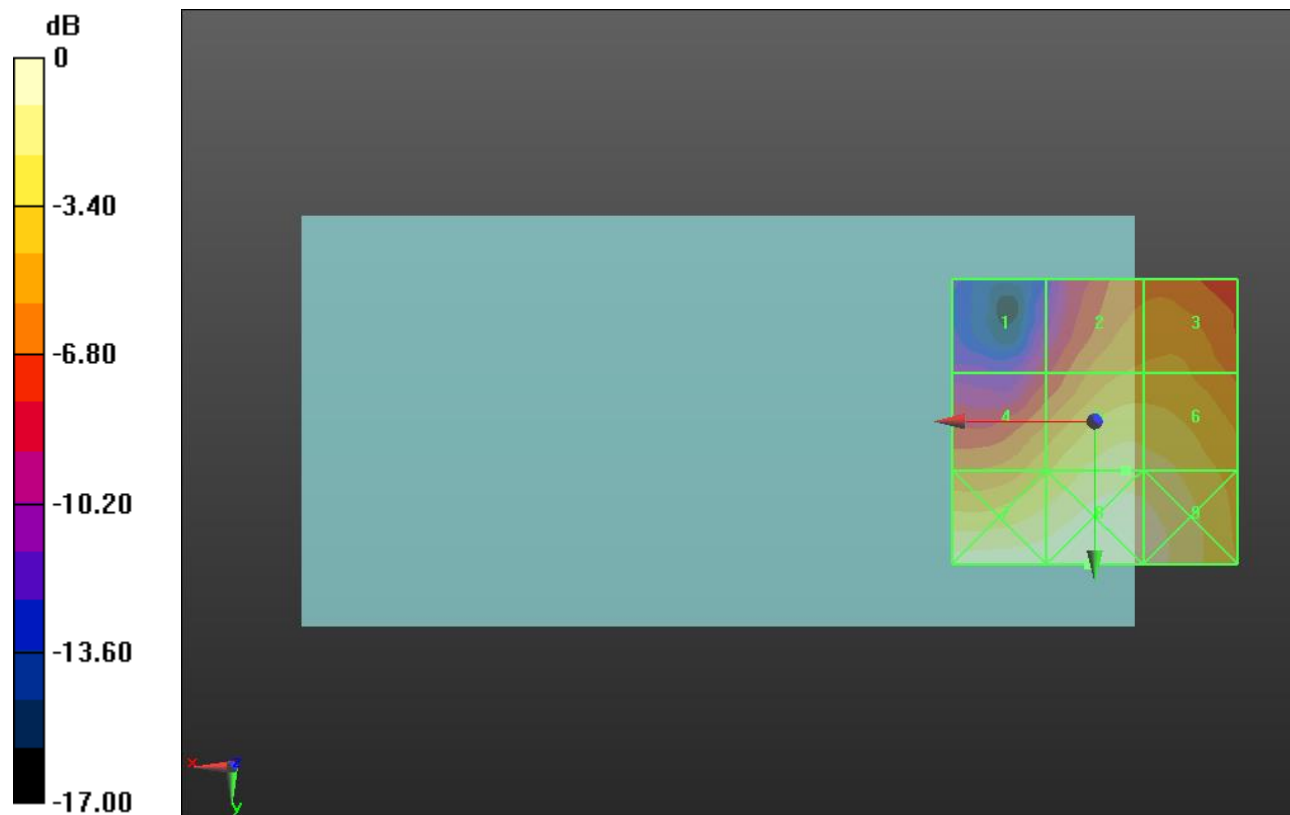
Applied MIF = 3.63 dB

RF audio interference level = 24.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.22 dBV/m	Grid 2 M4 22.12 dBV/m	Grid 3 M4 22.2 dBV/m
Grid 4 M4 22.79 dBV/m	Grid 5 M4 24.76 dBV/m	Grid 6 M4 24.68 dBV/m
Grid 7 M4 26.1 dBV/m	Grid 8 M4 26.37 dBV/m	Grid 9 M4 25.88 dBV/m



0 dB = 20.83 V/m = 26.37 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 = 14.00 V/m; Power Drift = -0.09 dB

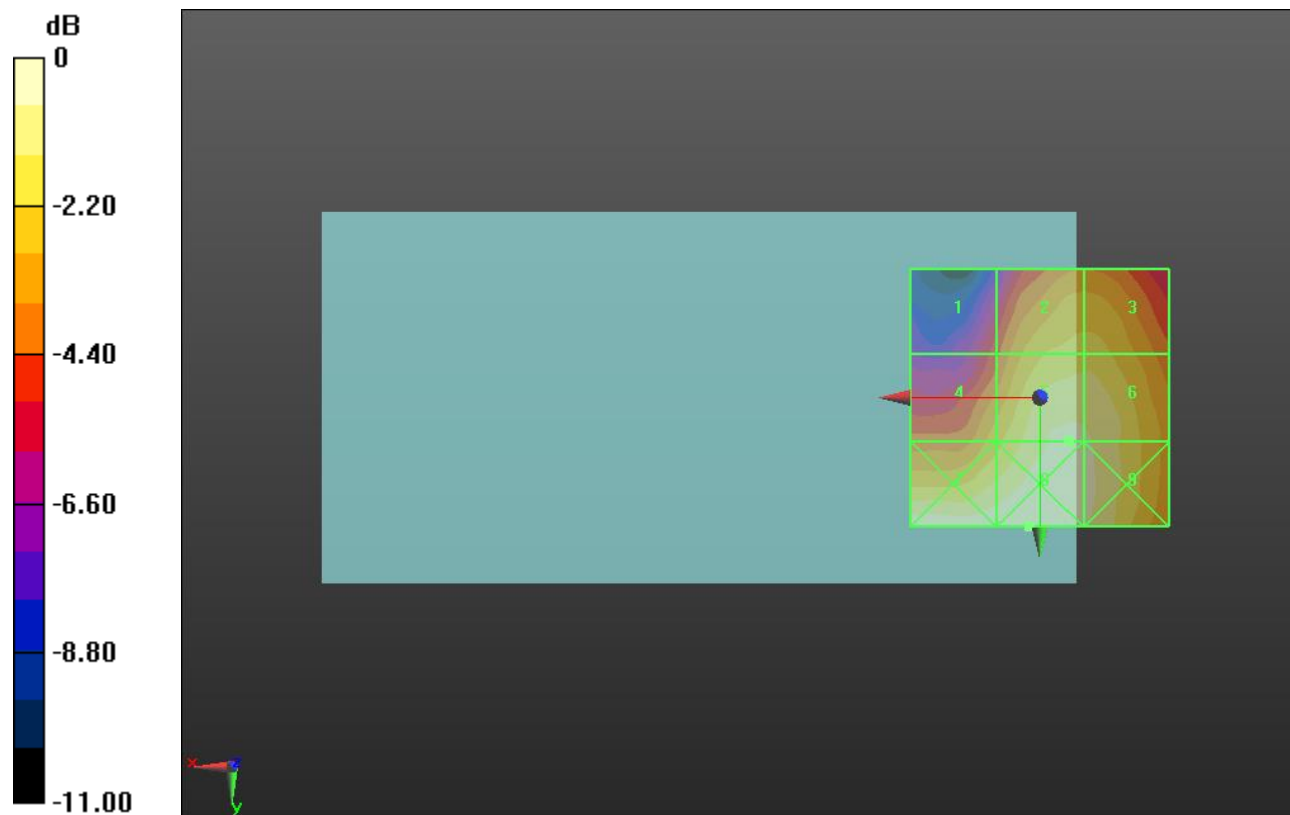
Applied MIF = 3.63 dB

RF audio interference level = 25.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.89 dBV/m	Grid 2 M4 23.75 dBV/m	Grid 3 M4 23.76 dBV/m
Grid 4 M4 23.05 dBV/m	Grid 5 M4 25.03 dBV/m	Grid 6 M4 24.91 dBV/m
Grid 7 M4 25.51 dBV/m	Grid 8 M4 25.53 dBV/m	Grid 9 M4 25.06 dBV/m



0 dB = 18.90 V/m = 25.53 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 = 24.51 V/m; Power Drift = 0.01 dB

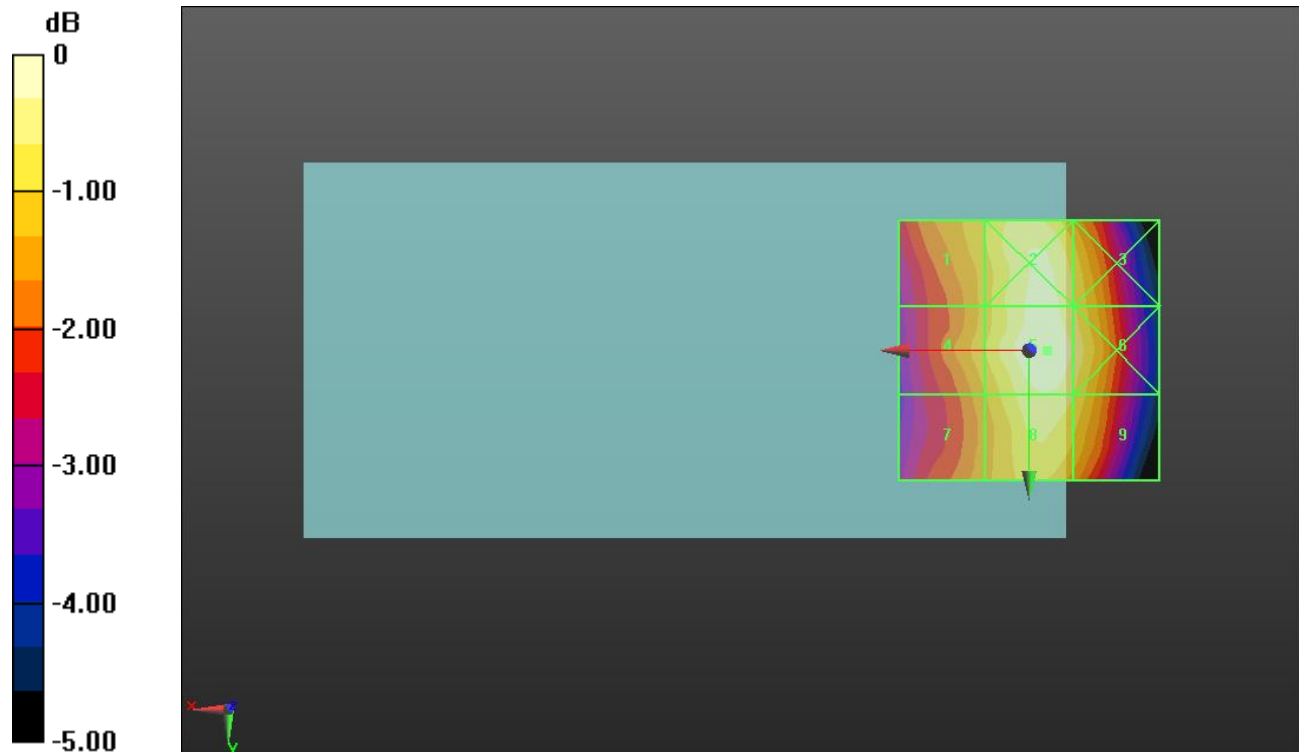
Applied MIF = 3.26 dB

RF audio interference level = 28.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.4 dBV/m	Grid 2 M4 28.17 dBV/m	Grid 3 M4 27.79 dBV/m
Grid 4 M4 27.39 dBV/m	Grid 5 M4 28.39 dBV/m	Grid 6 M4 28.01 dBV/m
Grid 7 M4 27.04 dBV/m	Grid 8 M4 28.05 dBV/m	Grid 9 M4 27.73 dBV/m



0 dB = 26.28 V/m = 28.39 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 = 25.46 V/m; Power Drift = 0.04 dB

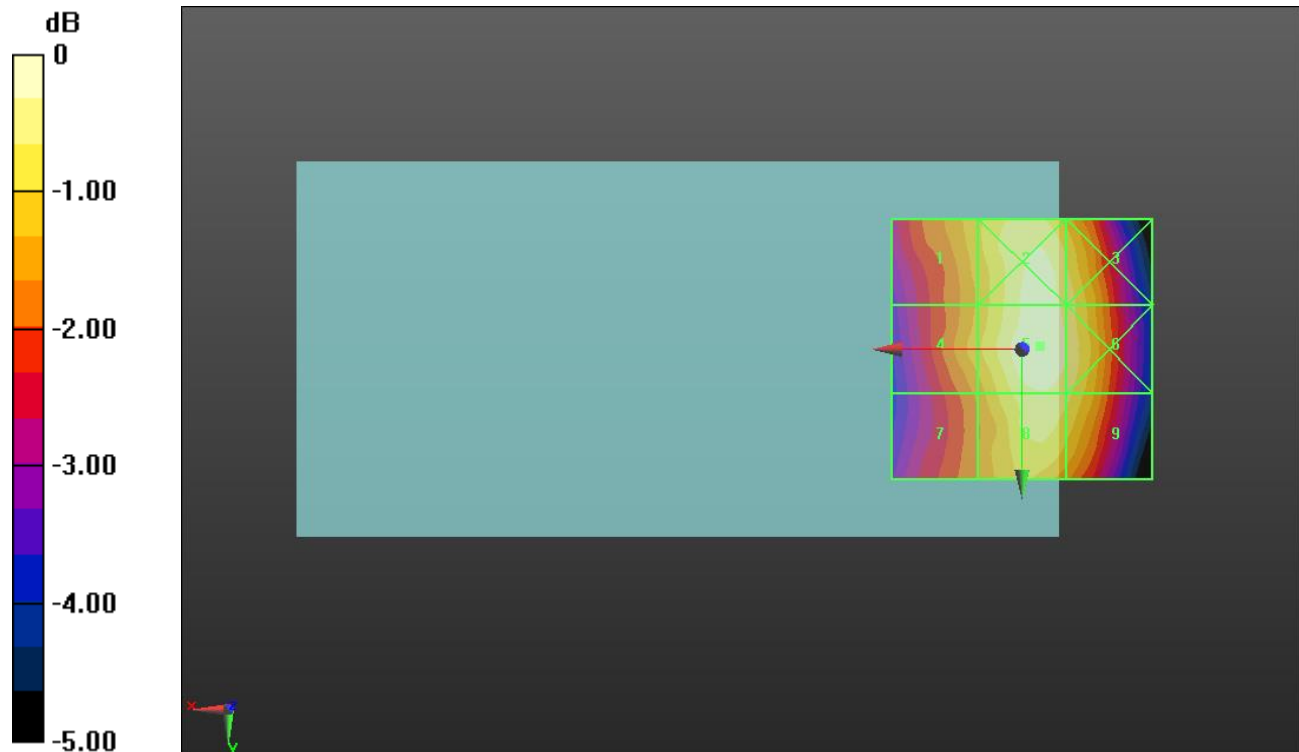
Applied MIF = 3.26 dB

RF audio interference level = 28.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.62 dBV/m	Grid 2 M4 28.52 dBV/m	Grid 3 M4 28.26 dBV/m
Grid 4 M4 27.63 dBV/m	Grid 5 M4 28.69 dBV/m	Grid 6 M4 28.35 dBV/m
Grid 7 M4 27.16 dBV/m	Grid 8 M4 28.35 dBV/m	Grid 9 M4 28.14 dBV/m



0 dB = 27.21 V/m = 28.69 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 = 24.96 V/m; Power Drift = 0.00 dB

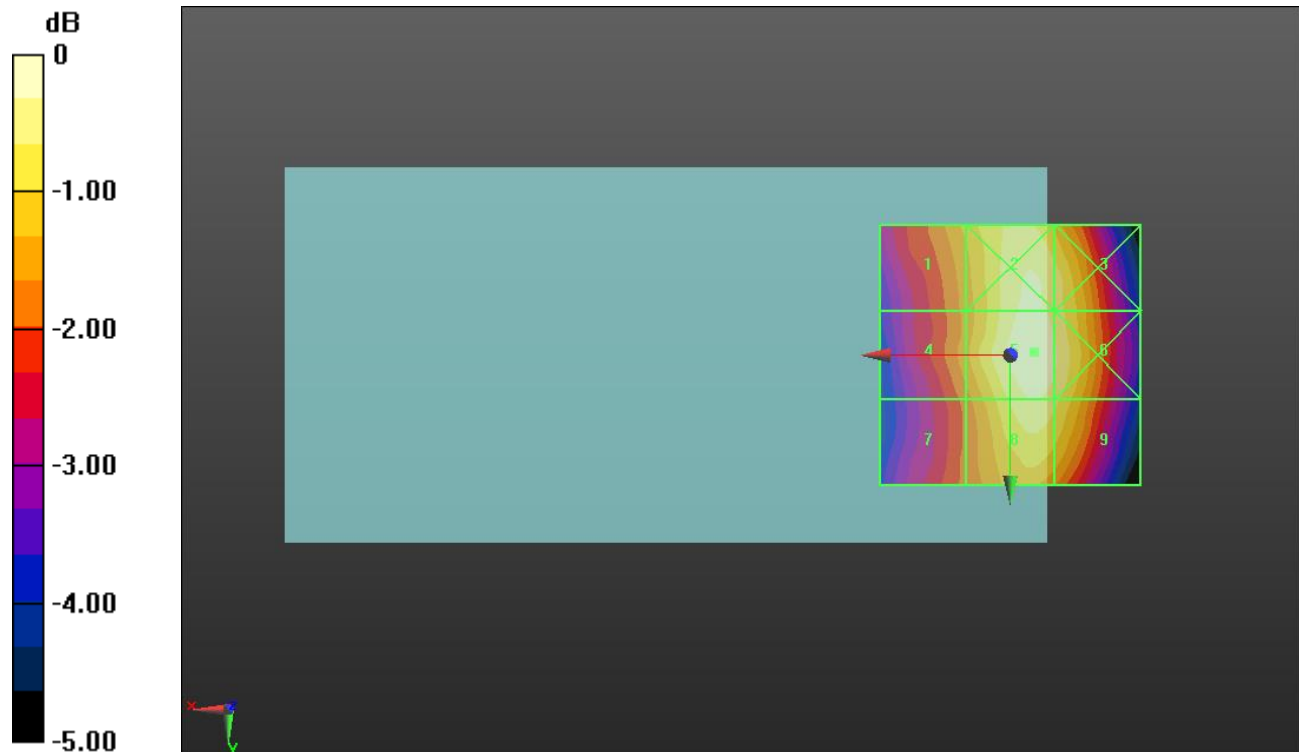
Applied MIF = 3.26 dB

RF audio interference level = 28.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.21 dBV/m	Grid 2 M4 28.18 dBV/m	Grid 3 M4 27.97 dBV/m
Grid 4 M4 26.99 dBV/m	Grid 5 M4 28.42 dBV/m	Grid 6 M4 28.13 dBV/m
Grid 7 M4 26.61 dBV/m	Grid 8 M4 28.09 dBV/m	Grid 9 M4 27.87 dBV/m



0 dB = 26.37 V/m = 28.42 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 = 5.264 V/m; Power Drift = -0.33 dB

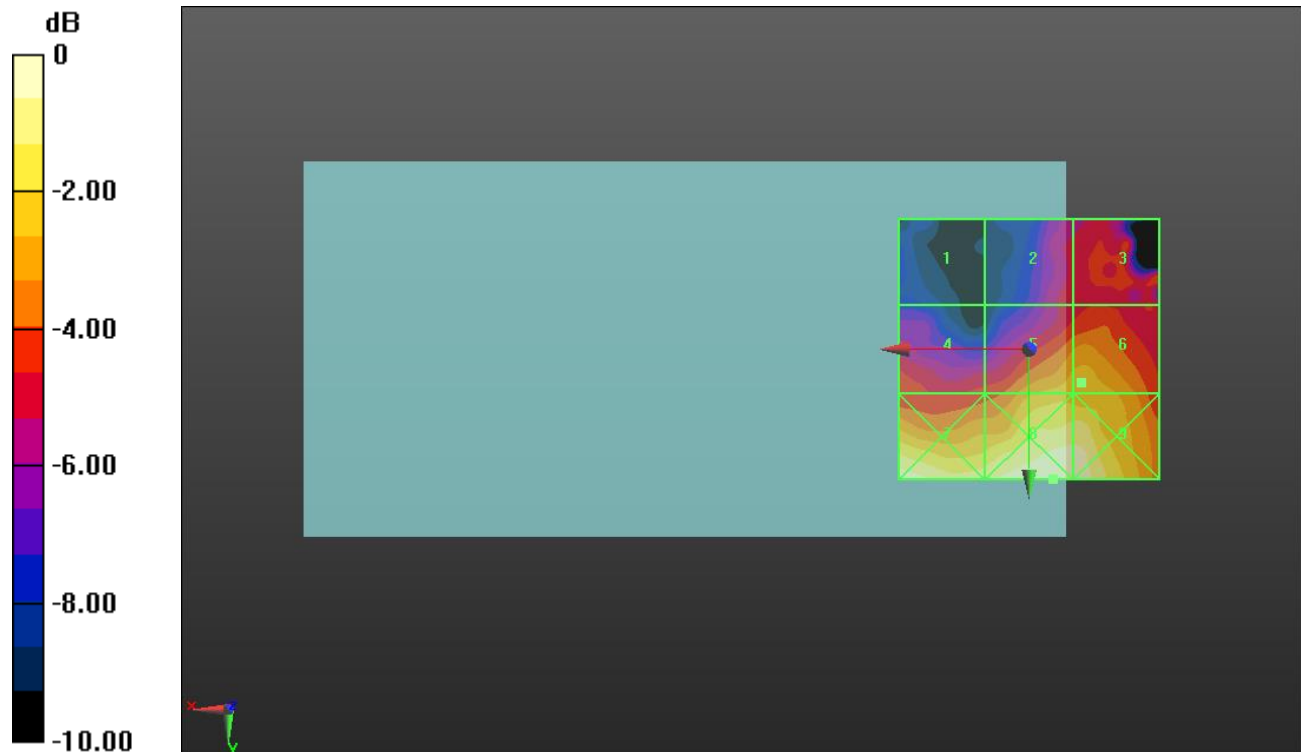
Applied MIF = 3.26 dB

RF audio interference level = 18.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.65 dBV/m	Grid 2 M4 15.37 dBV/m	Grid 3 M4 16.26 dBV/m
Grid 4 M4 15.96 dBV/m	Grid 5 M4 18.01 dBV/m	Grid 6 M4 18.04 dBV/m
Grid 7 M4 20.1 dBV/m	Grid 8 M4 20.26 dBV/m	Grid 9 M4 20.08 dBV/m



0 dB = 10.30 V/m = 20.26 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 = 6.538 V/m; Power Drift = -0.39 dB

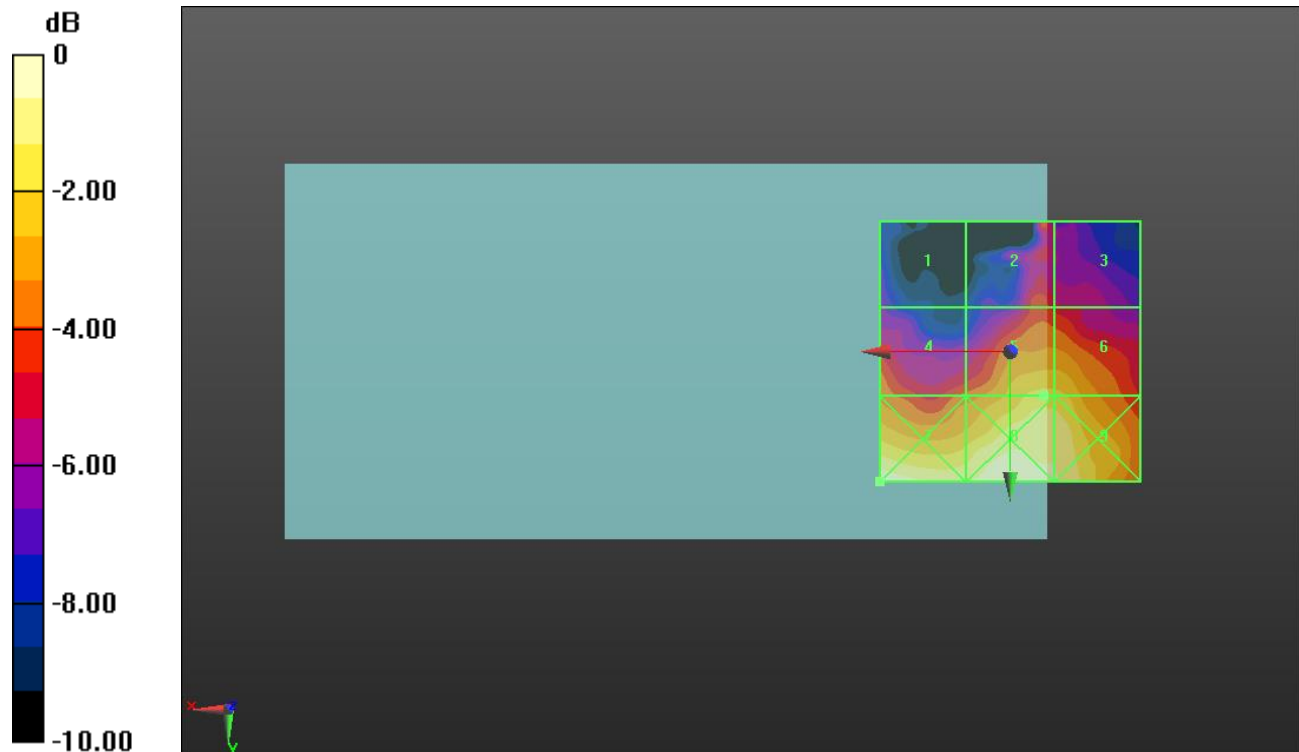
Applied MIF = 3.26 dB

RF audio interference level = 19.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.57 dBV/m	Grid 2 M4 16.67 dBV/m	Grid 3 M4 15.92 dBV/m
Grid 4 M4 17.47 dBV/m	Grid 5 M4 19.19 dBV/m	Grid 6 M4 19.15 dBV/m
Grid 7 M4 20.87 dBV/m	Grid 8 M4 20.56 dBV/m	Grid 9 M4 20.3 dBV/m



0 dB = 11.06 V/m = 20.88 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.670 V/m; Power Drift = -0.29 dB

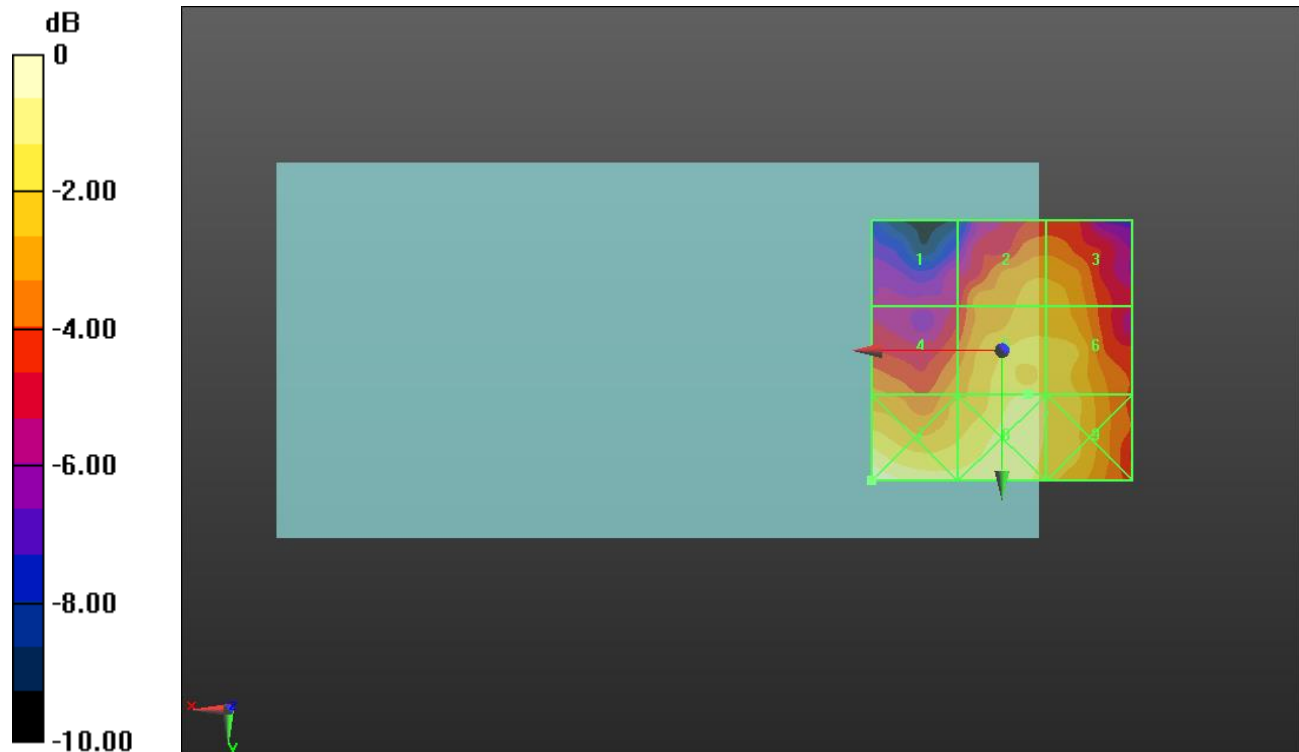
Applied MIF = 3.26 dB

RF audio interference level = 19.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.49 dBV/m	Grid 2 M4 18.2 dBV/m	Grid 3 M4 18.21 dBV/m
Grid 4 M4 17.66 dBV/m	Grid 5 M4 19.25 dBV/m	Grid 6 M4 19.03 dBV/m
Grid 7 M4 20.45 dBV/m	Grid 8 M4 19.59 dBV/m	Grid 9 M4 19.16 dBV/m



0 dB = 10.53 V/m = 20.45 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 = 23.05 V/m; Power Drift = -0.02 dB

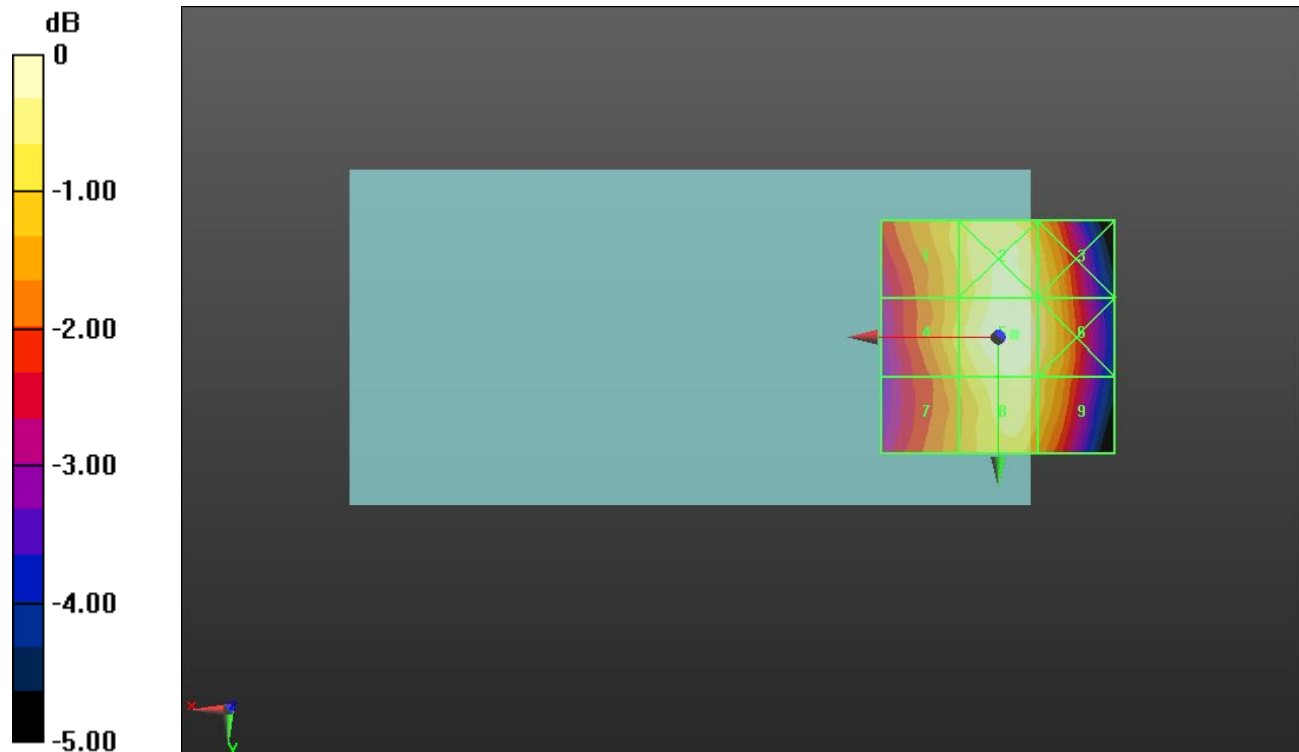
Applied MIF = 3.26 dB

RF audio interference level = 27.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.98 dBV/m	Grid 2 M4 27.63 dBV/m	Grid 3 M4 27.29 dBV/m
Grid 4 M4 26.99 dBV/m	Grid 5 M4 27.82 dBV/m	Grid 6 M4 27.43 dBV/m
Grid 7 M4 26.62 dBV/m	Grid 8 M4 27.5 dBV/m	Grid 9 M4 27.12 dBV/m



0 dB = 24.59 V/m = 27.82 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 = 23.44 V/m; Power Drift = -0.01 dB

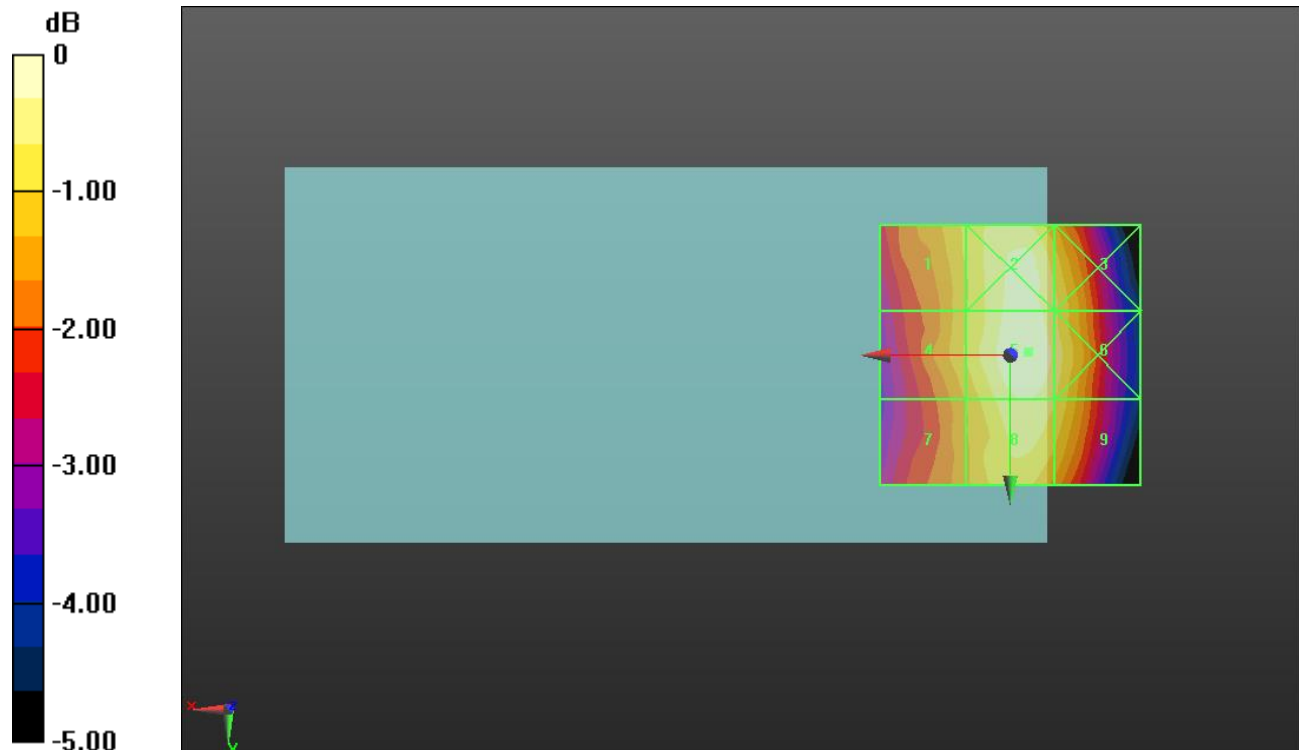
Applied MIF = 3.26 dB

RF audio interference level = 27.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.06 dBV/m	Grid 2 M4 27.8 dBV/m	Grid 3 M4 27.42 dBV/m
Grid 4 M4 27.04 dBV/m	Grid 5 M4 27.99 dBV/m	Grid 6 M4 27.54 dBV/m
Grid 7 M4 26.68 dBV/m	Grid 8 M4 27.66 dBV/m	Grid 9 M4 27.35 dBV/m



0 dB = 25.08 V/m = 27.99 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 = 23.96 V/m; Power Drift = 0.04 dB

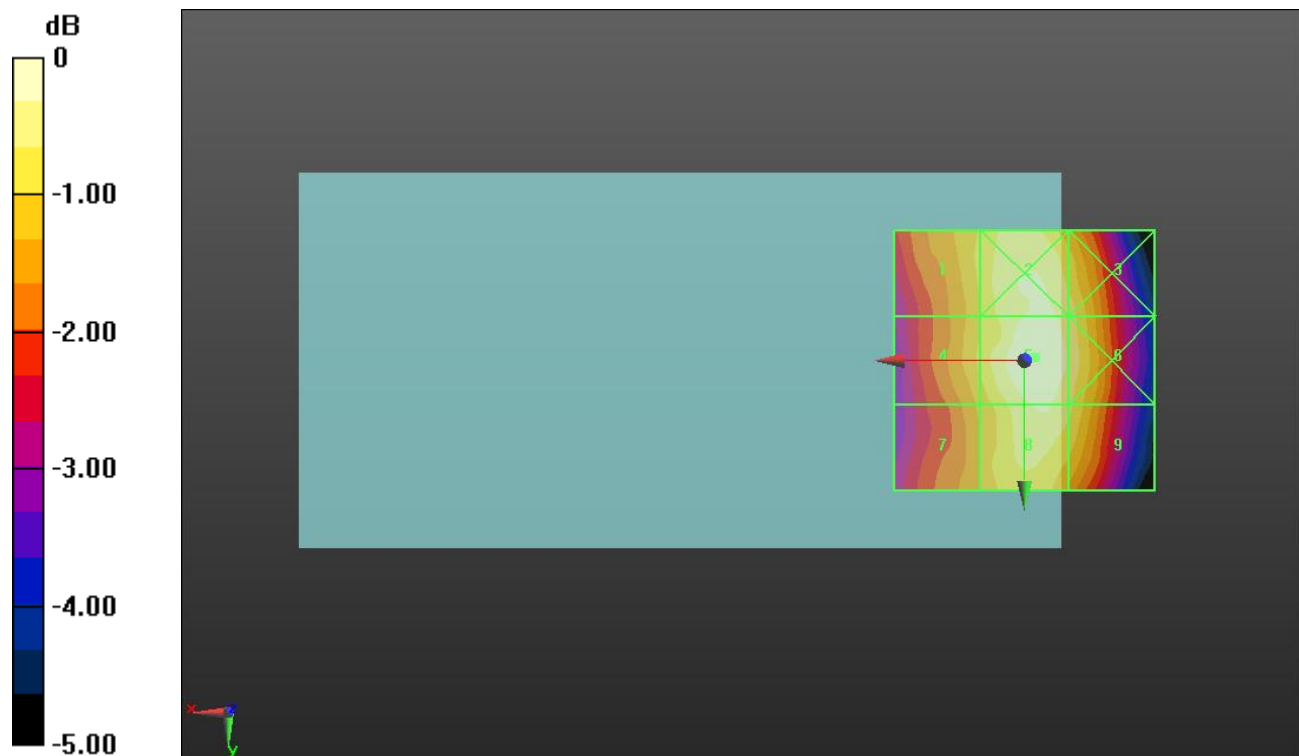
Applied MIF = 3.26 dB

RF audio interference level = 28.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.25 dBV/m	Grid 2 M4 27.91 dBV/m	Grid 3 M4 27.66 dBV/m
Grid 4 M4 27.23 dBV/m	Grid 5 M4 28.15 dBV/m	Grid 6 M4 27.76 dBV/m
Grid 7 M4 26.91 dBV/m	Grid 8 M4 27.86 dBV/m	Grid 9 M4 27.57 dBV/m



0 dB = 25.55 V/m = 28.15 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.71 V/m; Power Drift = -0.01 dB

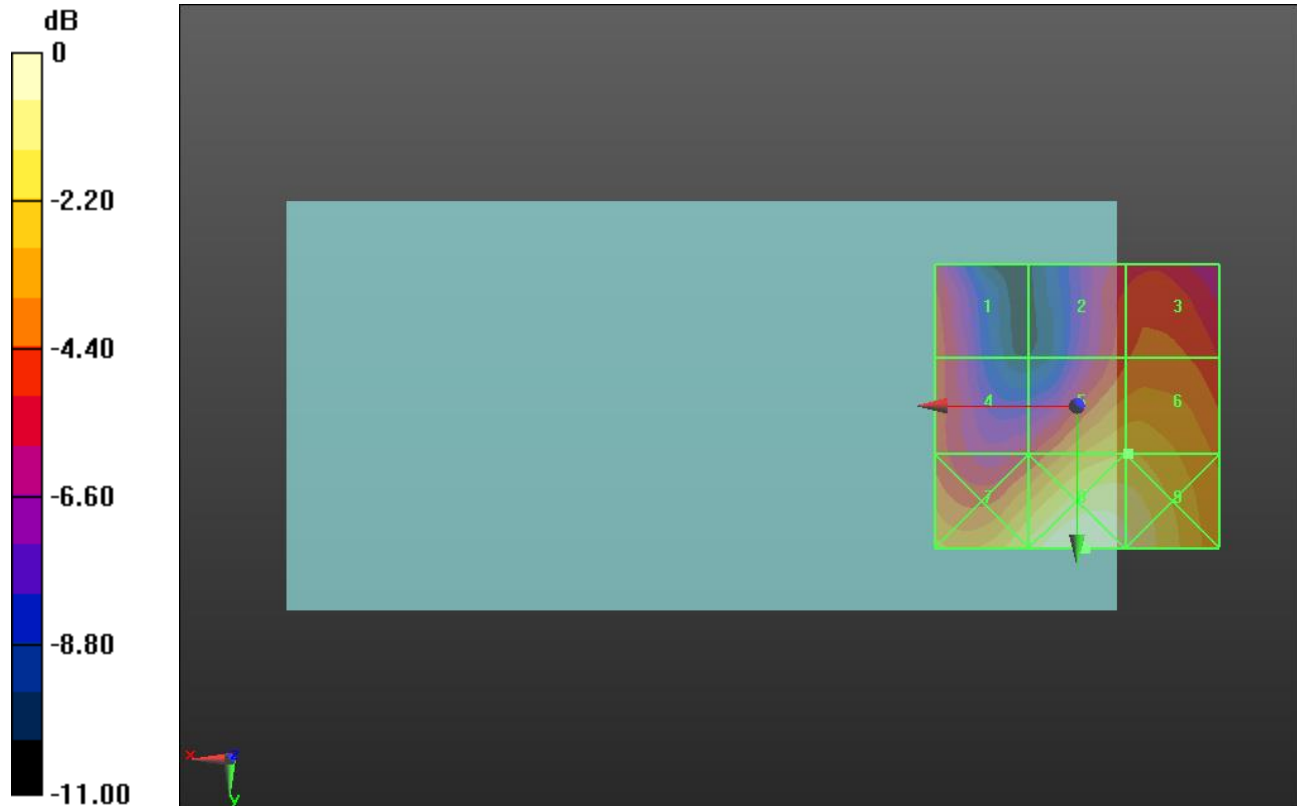
Applied MIF = -1.44 dB

RF audio interference level = 22.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.72 dBV/m	Grid 2 M4 19.88 dBV/m	Grid 3 M4 20.31 dBV/m
Grid 4 M4 19.84 dBV/m	Grid 5 M4 22.21 dBV/m	Grid 6 M4 22.21 dBV/m
Grid 7 M4 23.18 dBV/m	Grid 8 M4 24.4 dBV/m	Grid 9 M4 23.87 dBV/m



0 dB = 16.59 V/m = 24.40 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 = 12.21 V/m; Power Drift = -0.01 dB

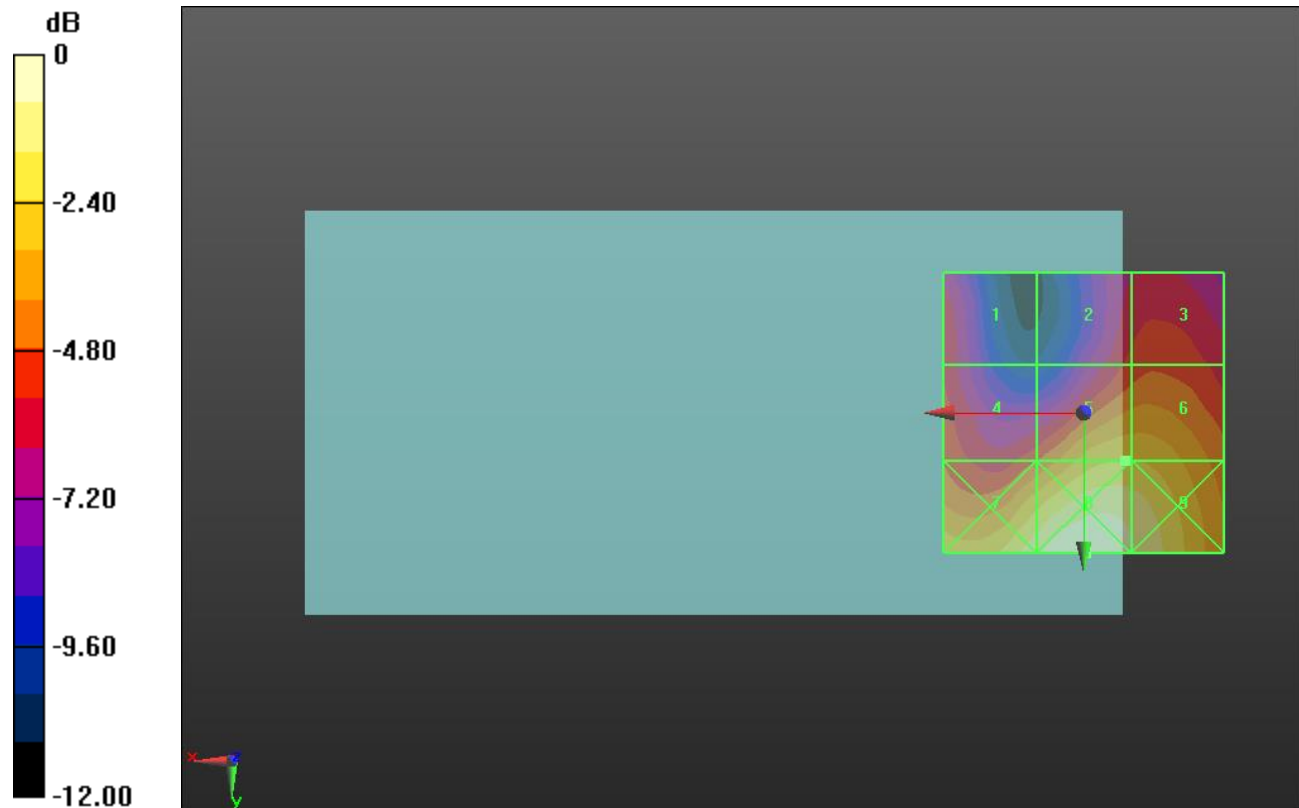
Applied MIF = -1.44 dB

RF audio interference level = 21.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.23 dBV/m	Grid 2 M4 18.57 dBV/m	Grid 3 M4 18.92 dBV/m
Grid 4 M4 18.99 dBV/m	Grid 5 M4 21.45 dBV/m	Grid 6 M4 21.43 dBV/m
Grid 7 M4 22.84 dBV/m	Grid 8 M4 23.81 dBV/m	Grid 9 M4 23.12 dBV/m



0 dB = 15.50 V/m = 23.81 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 = 13.19 V/m; Power Drift = -0.13 dB

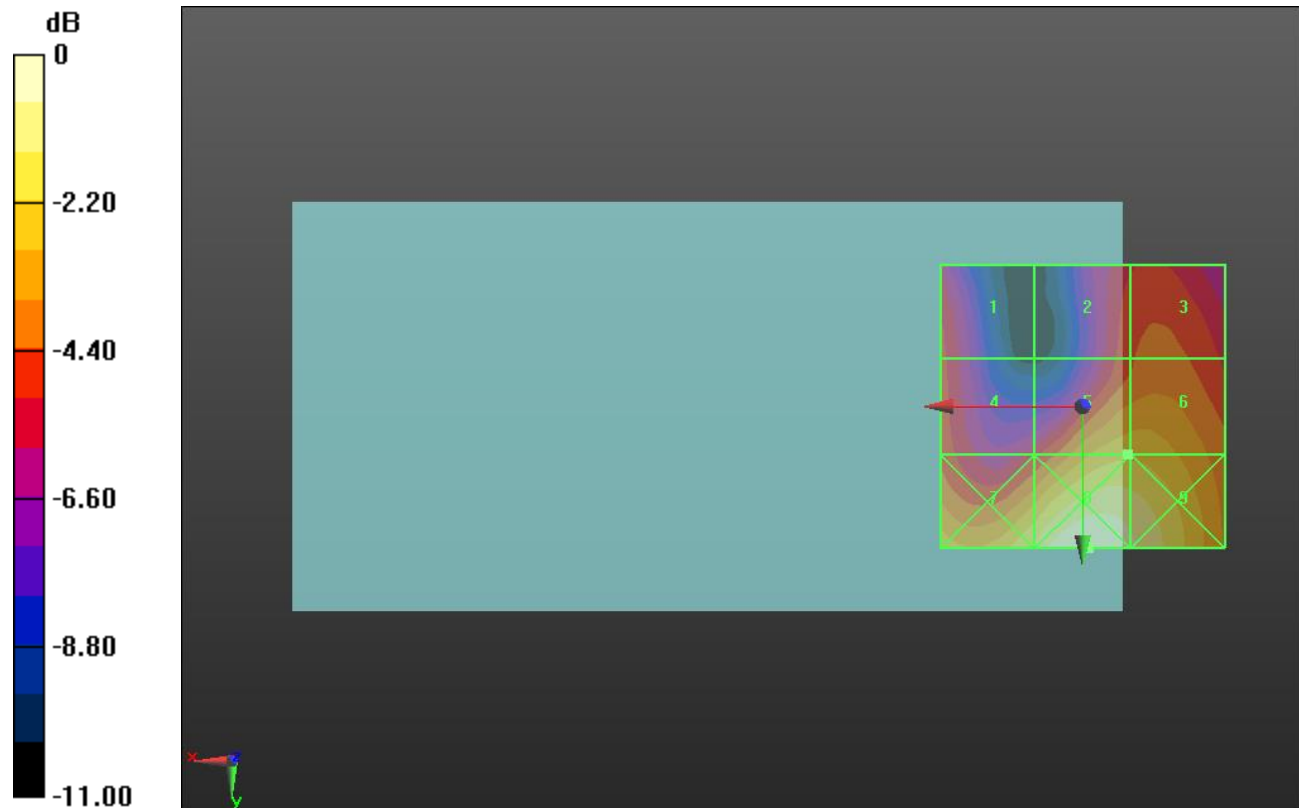
Applied MIF = -1.44 dB

RF audio interference level = 22.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.83 dBV/m	Grid 2 M4 20.21 dBV/m	Grid 3 M4 20.56 dBV/m
Grid 4 M4 20.17 dBV/m	Grid 5 M4 22.35 dBV/m	Grid 6 M4 22.35 dBV/m
Grid 7 M4 23.47 dBV/m	Grid 8 M4 24.69 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 17.16 V/m = 24.69 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.10 V/m; Power Drift = -0.14 dB

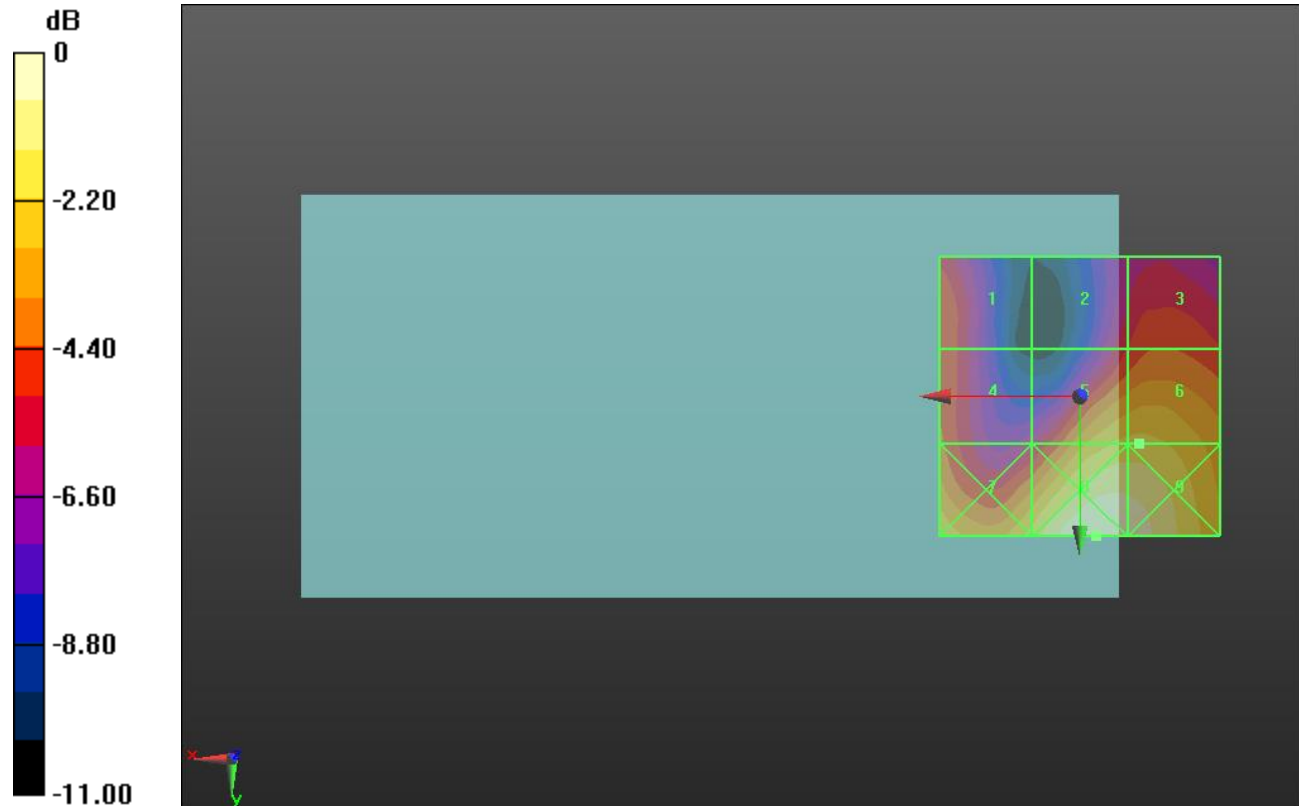
Applied MIF = -1.44 dB

RF audio interference level = 22.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.5 dBV/m	Grid 2 M4 19.82 dBV/m	Grid 3 M4 20.53 dBV/m
Grid 4 M4 20.72 dBV/m	Grid 5 M4 22.91 dBV/m	Grid 6 M4 22.96 dBV/m
Grid 7 M4 23.08 dBV/m	Grid 8 M4 24.88 dBV/m	Grid 9 M4 24.67 dBV/m



0 dB = 17.54 V/m = 24.88 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.44 V/m; Power Drift = -0.09 dB

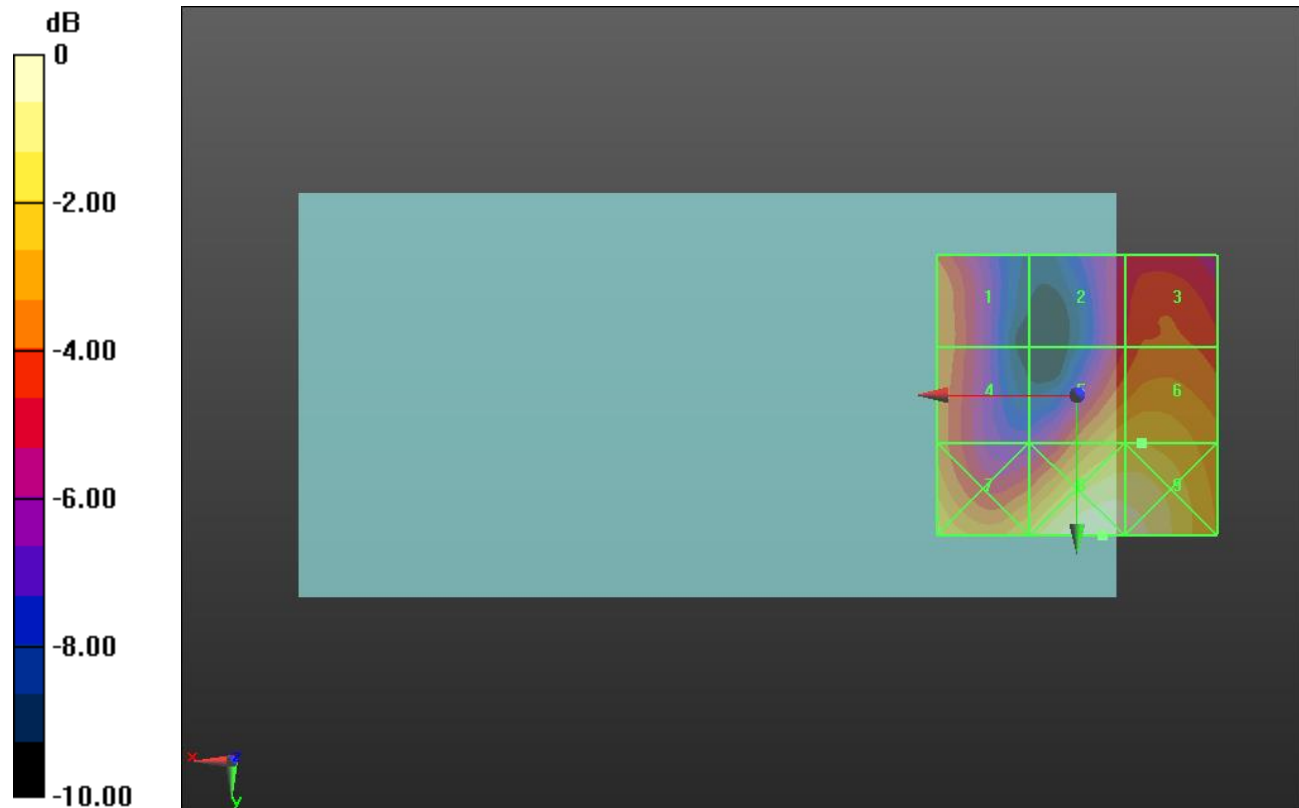
Applied MIF = -1.44 dB

RF audio interference level = 22.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.3 dBV/m	Grid 2 M4 20 dBV/m	Grid 3 M4 20.81 dBV/m
Grid 4 M4 21.28 dBV/m	Grid 5 M4 22.5 dBV/m	Grid 6 M4 22.63 dBV/m
Grid 7 M4 23 dBV/m	Grid 8 M4 24.6 dBV/m	Grid 9 M4 24.4 dBV/m



0 dB = 16.99 V/m = 24.60 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 7/22/2020

- Sensor-Surface: (Fix Surface)

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

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

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.65 V/m; Power Drift = -0.07 dB

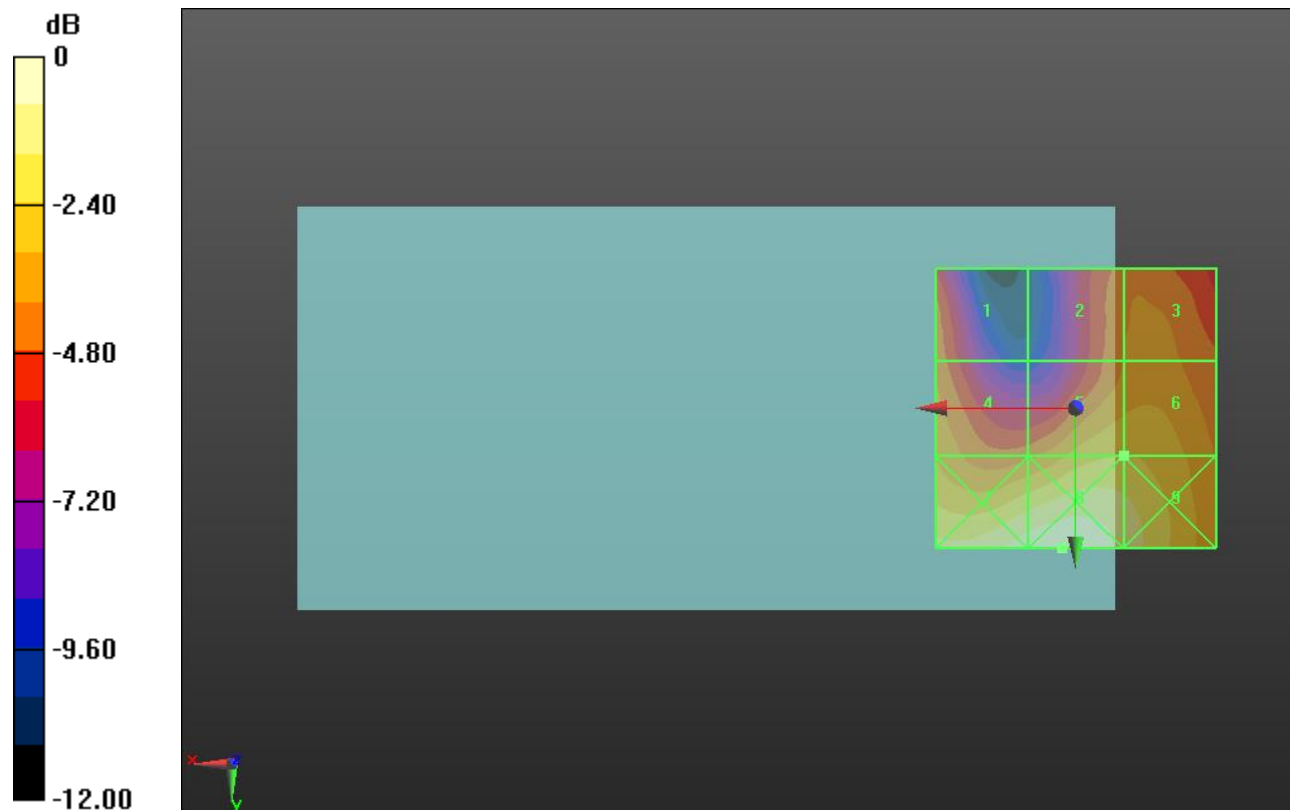
Applied MIF = -1.44 dB

RF audio interference level = 20.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.12 dBV/m	Grid 2 M4 19.33 dBV/m	Grid 3 M4 19.7 dBV/m
Grid 4 M4 20.04 dBV/m	Grid 5 M4 20.92 dBV/m	Grid 6 M4 20.92 dBV/m
Grid 7 M4 22.95 dBV/m	Grid 8 M4 23.28 dBV/m	Grid 9 M4 22.27 dBV/m



0 dB = 14.59 V/m = 23.28 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 = 13.00 V/m; Power Drift = -0.10 dB

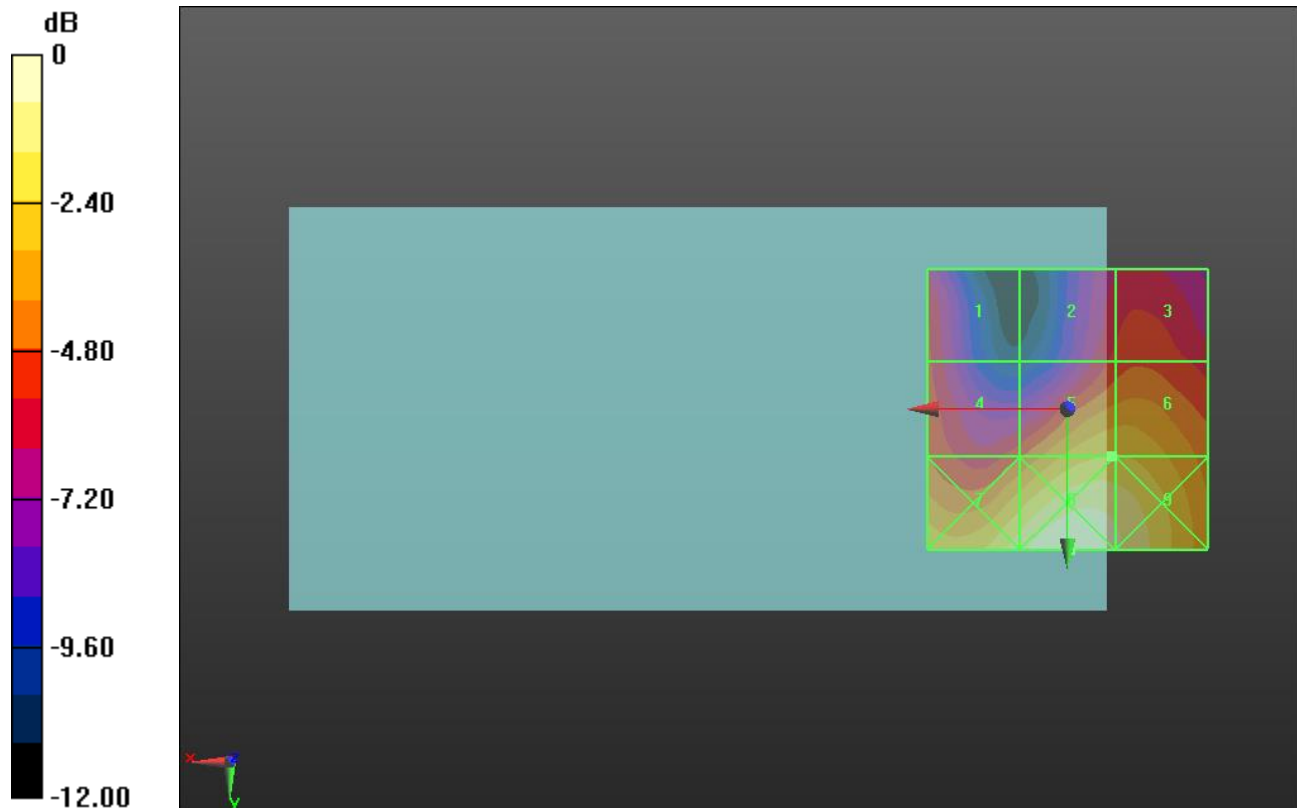
Applied MIF = -1.44 dB

RF audio interference level = 21.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.96 dBV/m	Grid 2 M4 19.04 dBV/m	Grid 3 M4 19.43 dBV/m
Grid 4 M4 19.63 dBV/m	Grid 5 M4 21.99 dBV/m	Grid 6 M4 21.99 dBV/m
Grid 7 M4 23.24 dBV/m	Grid 8 M4 24.31 dBV/m	Grid 9 M4 23.68 dBV/m



0 dB = 16.42 V/m = 24.31 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020

- Sensor-Surface: (Fix Surface)

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

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

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.83 V/m; Power Drift = -0.10 dB

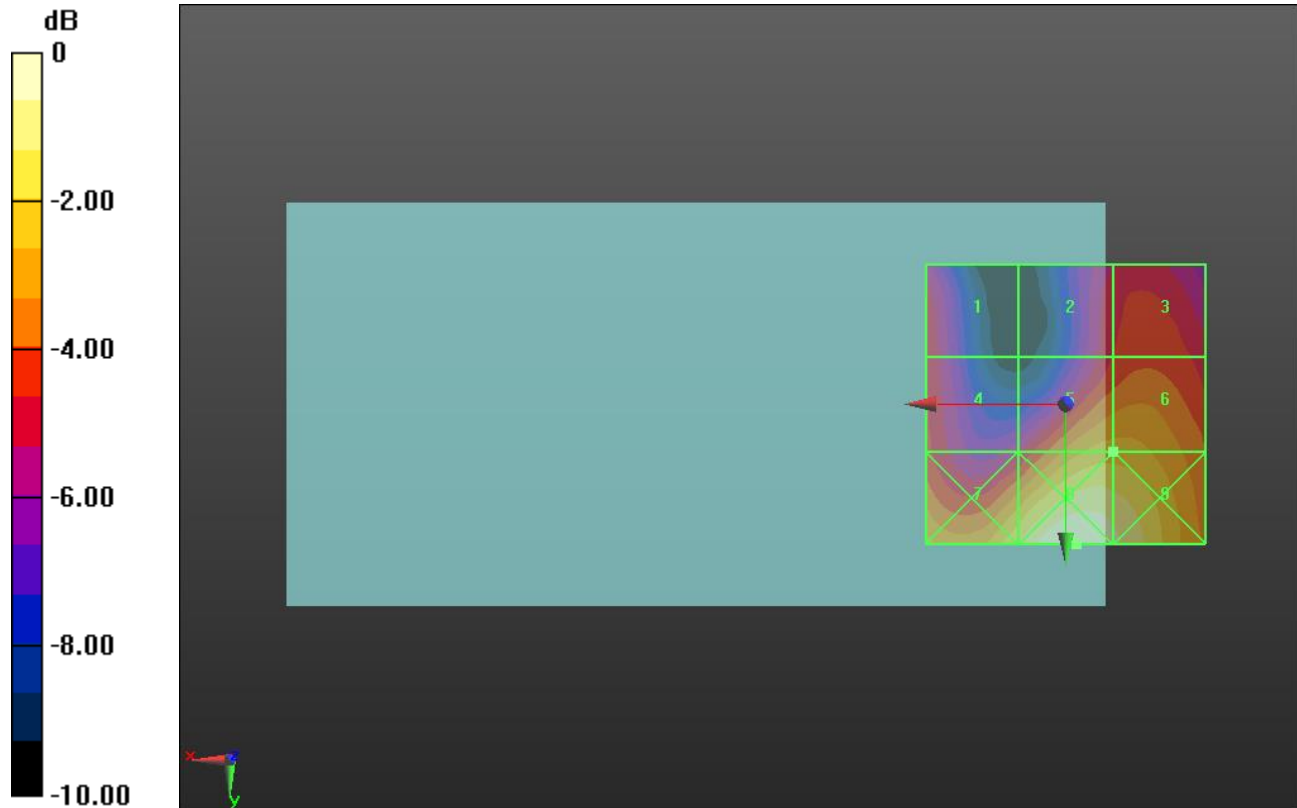
Applied MIF = -1.44 dB

RF audio interference level = 22.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.61 dBV/m	Grid 2 M4 20.66 dBV/m	Grid 3 M4 21.13 dBV/m
Grid 4 M4 20.89 dBV/m	Grid 5 M4 22.95 dBV/m	Grid 6 M4 22.95 dBV/m
Grid 7 M4 23.94 dBV/m	Grid 8 M4 25.26 dBV/m	Grid 9 M4 24.79 dBV/m



0 dB = 18.33 V/m = 25.26 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 7/22/2020

- Sensor-Surface: (Fix Surface)

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

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.02 V/m; Power Drift = -0.01 dB

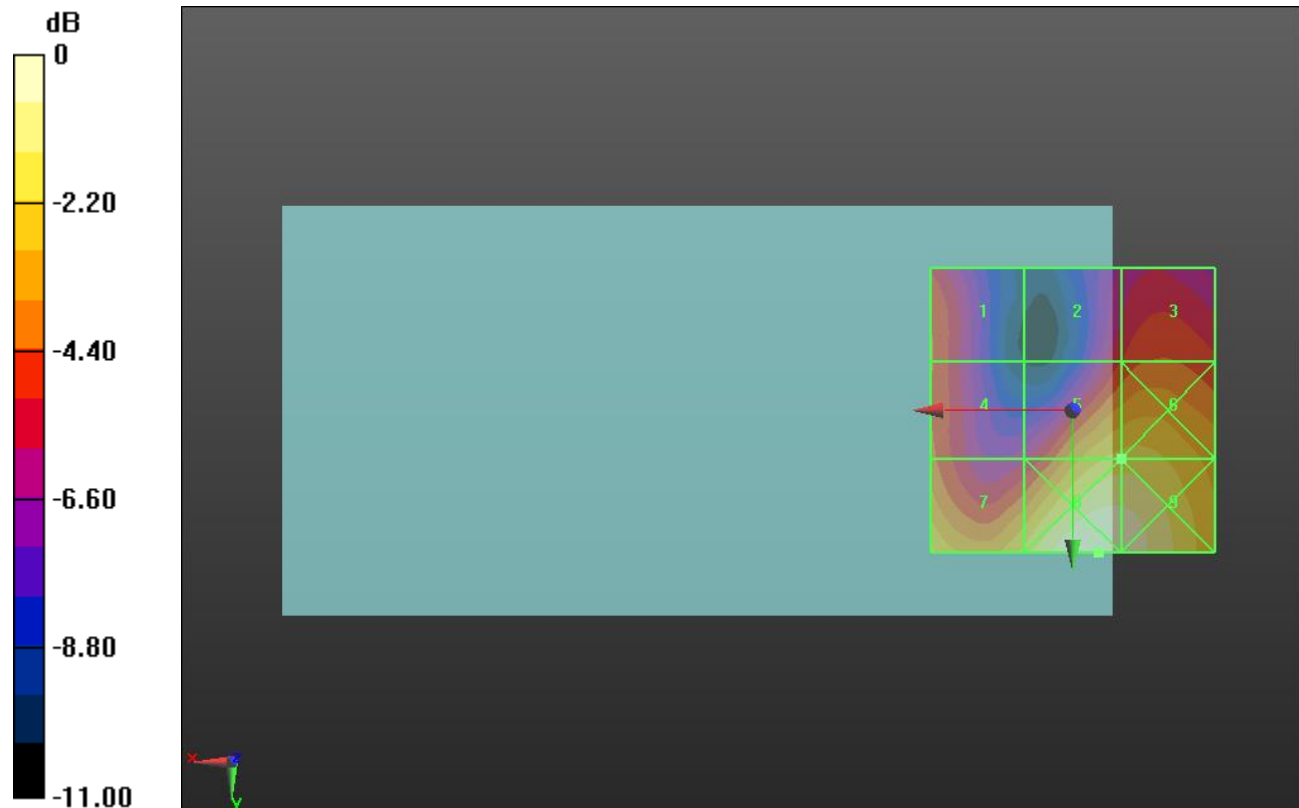
Applied MIF = -1.44 dB

RF audio interference level = 23.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.28 dBV/m	Grid 2 M4 20.52 dBV/m	Grid 3 M4 21.29 dBV/m
Grid 4 M4 21.48 dBV/m	Grid 5 M4 23.68 dBV/m	Grid 6 M4 23.73 dBV/m
Grid 7 M4 23.65 dBV/m	Grid 8 M4 25.59 dBV/m	Grid 9 M4 25.39 dBV/m



0 dB = 19.02 V/m = 25.58 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 7/22/2020

- Sensor-Surface: (Fix Surface)

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

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

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

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.06 V/m; Power Drift = -0.04 dB

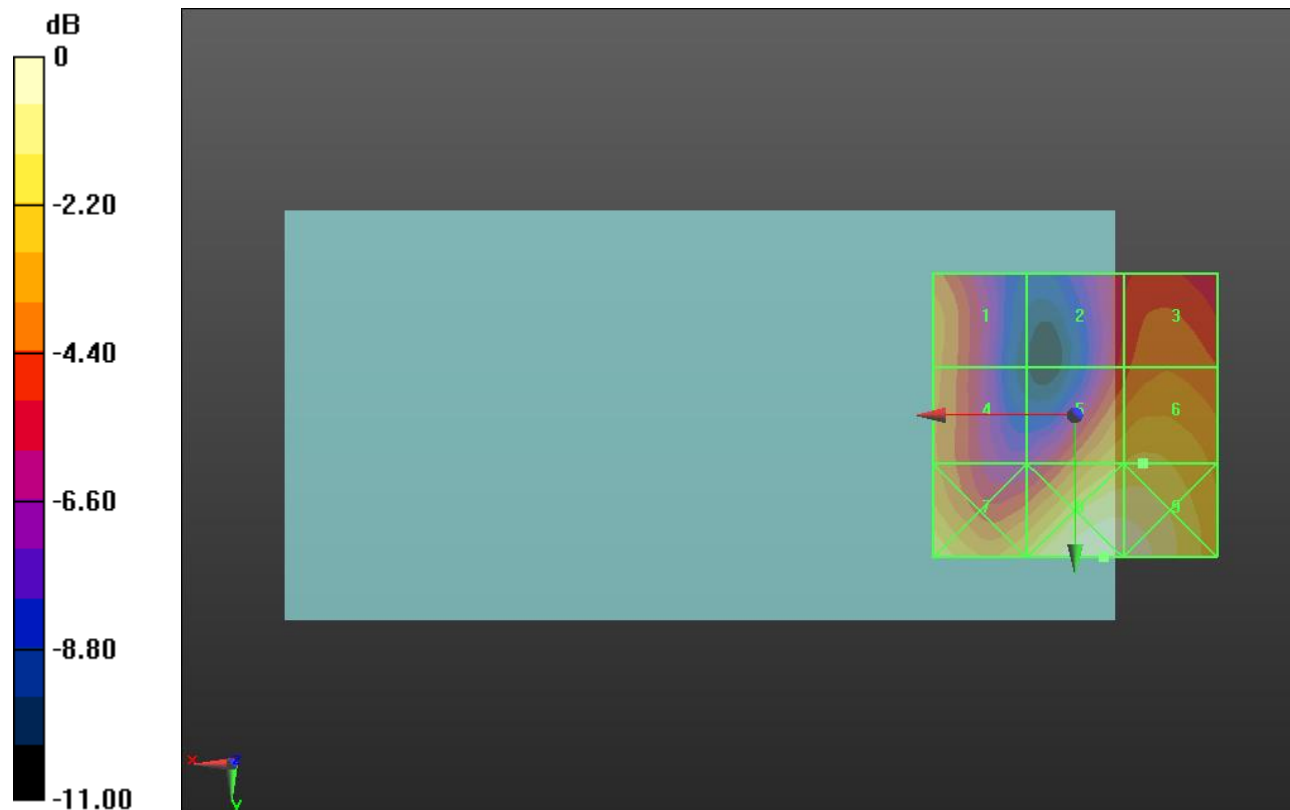
Applied MIF = -1.44 dB

RF audio interference level = 23.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.01 dBV/m	Grid 2 M4 20.48 dBV/m	Grid 3 M4 21.52 dBV/m
Grid 4 M4 21.8 dBV/m	Grid 5 M4 23.07 dBV/m	Grid 6 M4 23.25 dBV/m
Grid 7 M4 23.87 dBV/m	Grid 8 M4 25.22 dBV/m	Grid 9 M4 25.05 dBV/m



0 dB = 18.23 V/m = 25.22 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 = 86.29 V/m; Power Drift = -0.07 dB

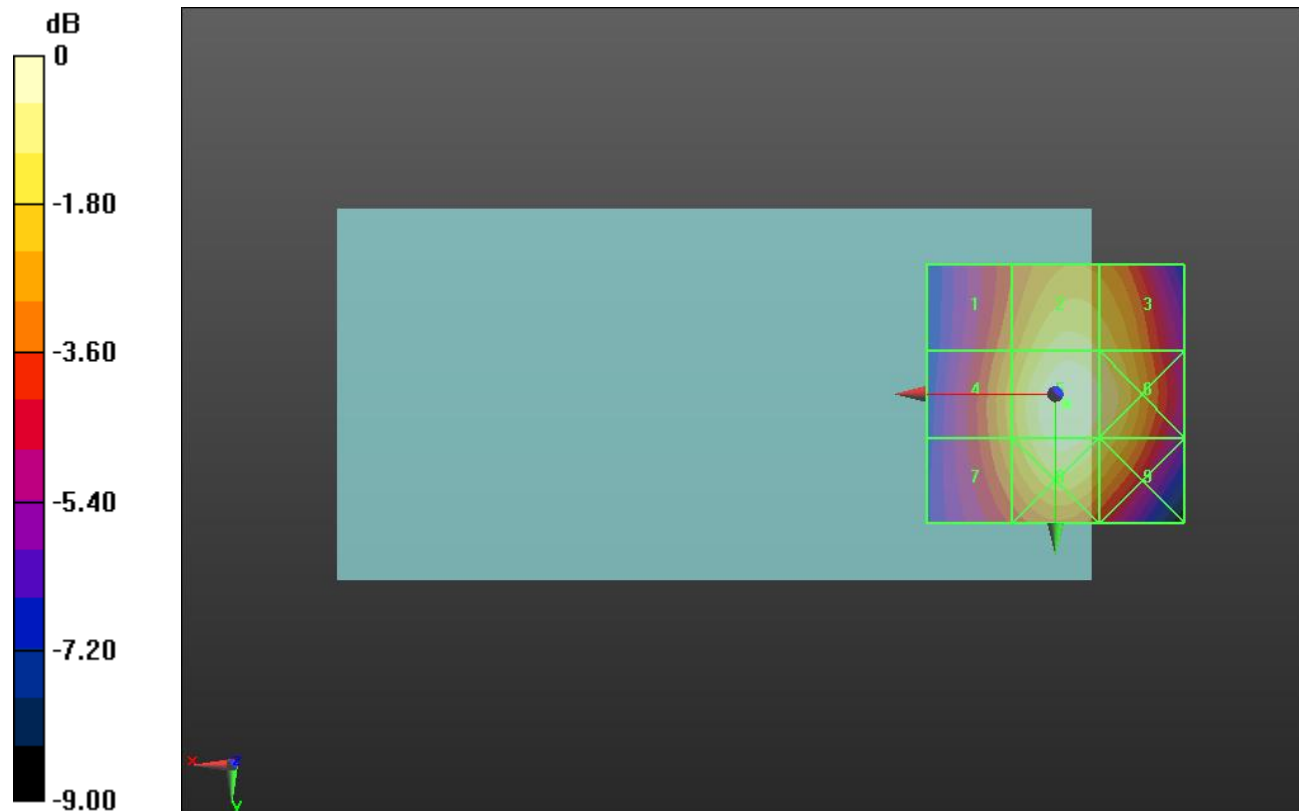
Applied MIF = 3.63 dB

RF audio interference level = 37.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.55 dBV/m	Grid 2 M4 36.44 dBV/m	Grid 3 M4 36.07 dBV/m
Grid 4 M4 35.27 dBV/m	Grid 5 M4 37.27 dBV/m	Grid 6 M4 36.76 dBV/m
Grid 7 M4 35.03 dBV/m	Grid 8 M4 36.95 dBV/m	Grid 9 M4 36.22 dBV/m



0 dB = 73.04 V/m = 37.27 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 = 85.55 V/m; Power Drift = 0.95 dB

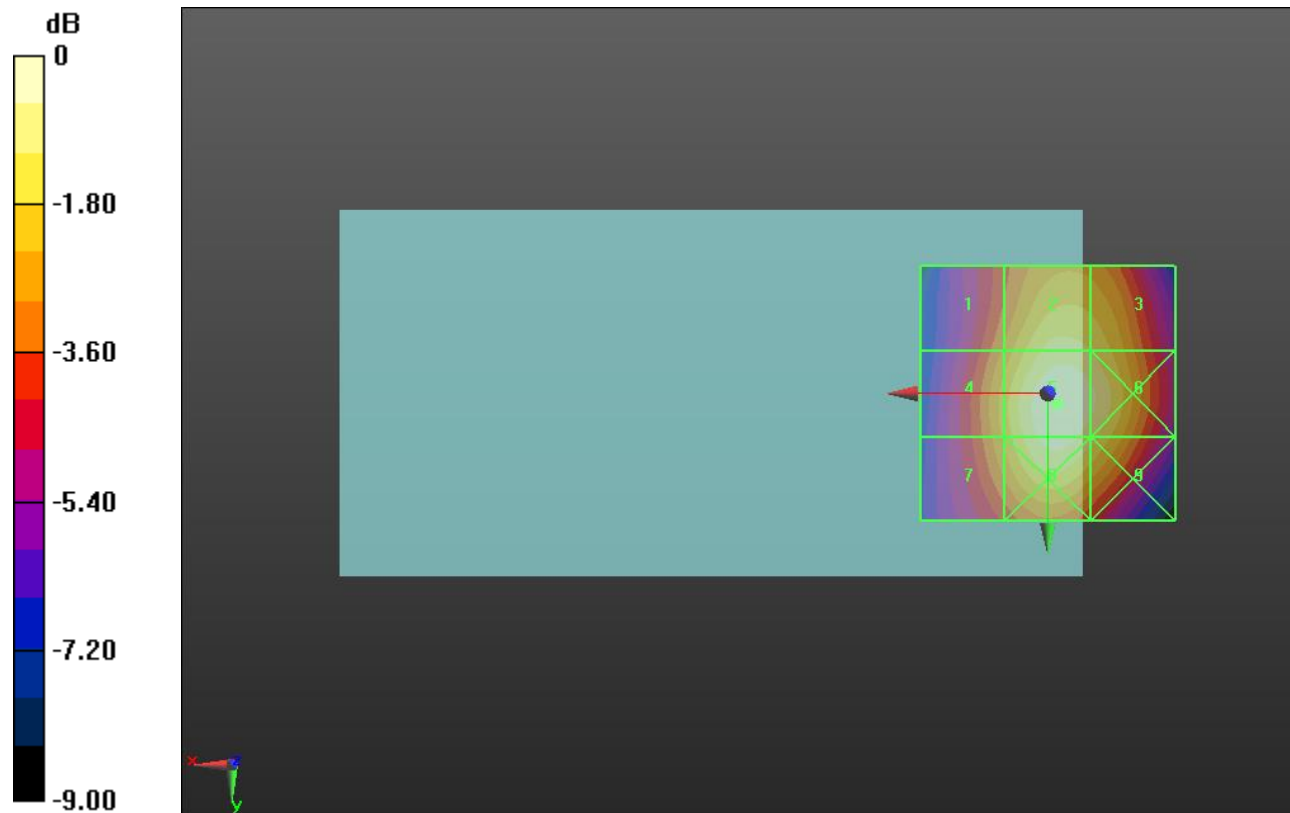
Applied MIF = 3.63 dB

RF audio interference level = 38.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.38 dBV/m	Grid 2 M4 37.31 dBV/m	Grid 3 M4 37.02 dBV/m
Grid 4 M4 36.19 dBV/m	Grid 5 M4 38.21 dBV/m	Grid 6 M4 37.74 dBV/m
Grid 7 M4 35.97 dBV/m	Grid 8 M4 37.9 dBV/m	Grid 9 M4 37.21 dBV/m



0 dB = 81.40 V/m = 38.21 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 43.54 V/m; Power Drift = -0.06 dB

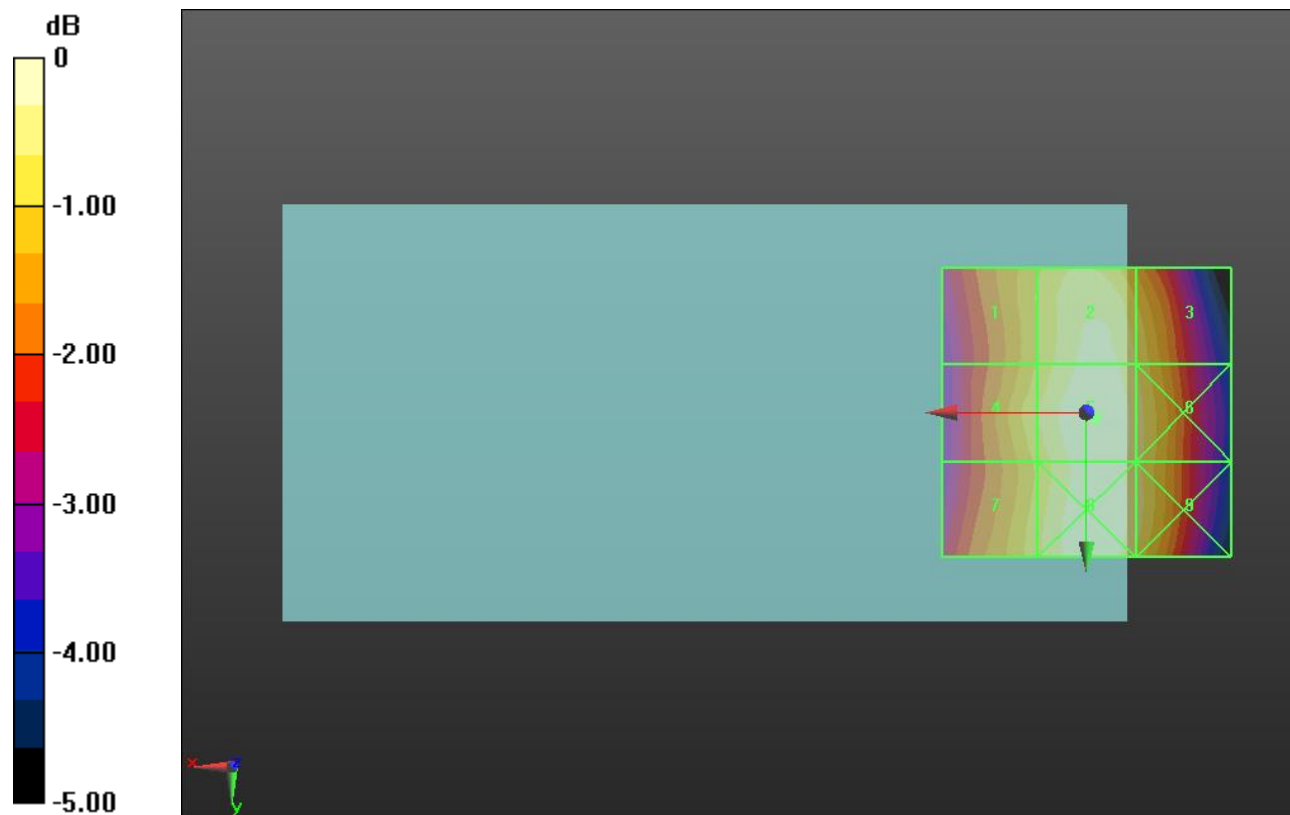
Applied MIF = 3.63 dB

RF audio interference level = 33.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.89 dBV/m	Grid 2 M4 33.65 dBV/m	Grid 3 M4 33.21 dBV/m
Grid 4 M4 33.18 dBV/m	Grid 5 M4 33.86 dBV/m	Grid 6 M4 33.4 dBV/m
Grid 7 M4 33.09 dBV/m	Grid 8 M4 33.82 dBV/m	Grid 9 M4 33.39 dBV/m



0 dB = 49.30 V/m = 33.86 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 = 9.197 V/m; Power Drift = -0.07 dB

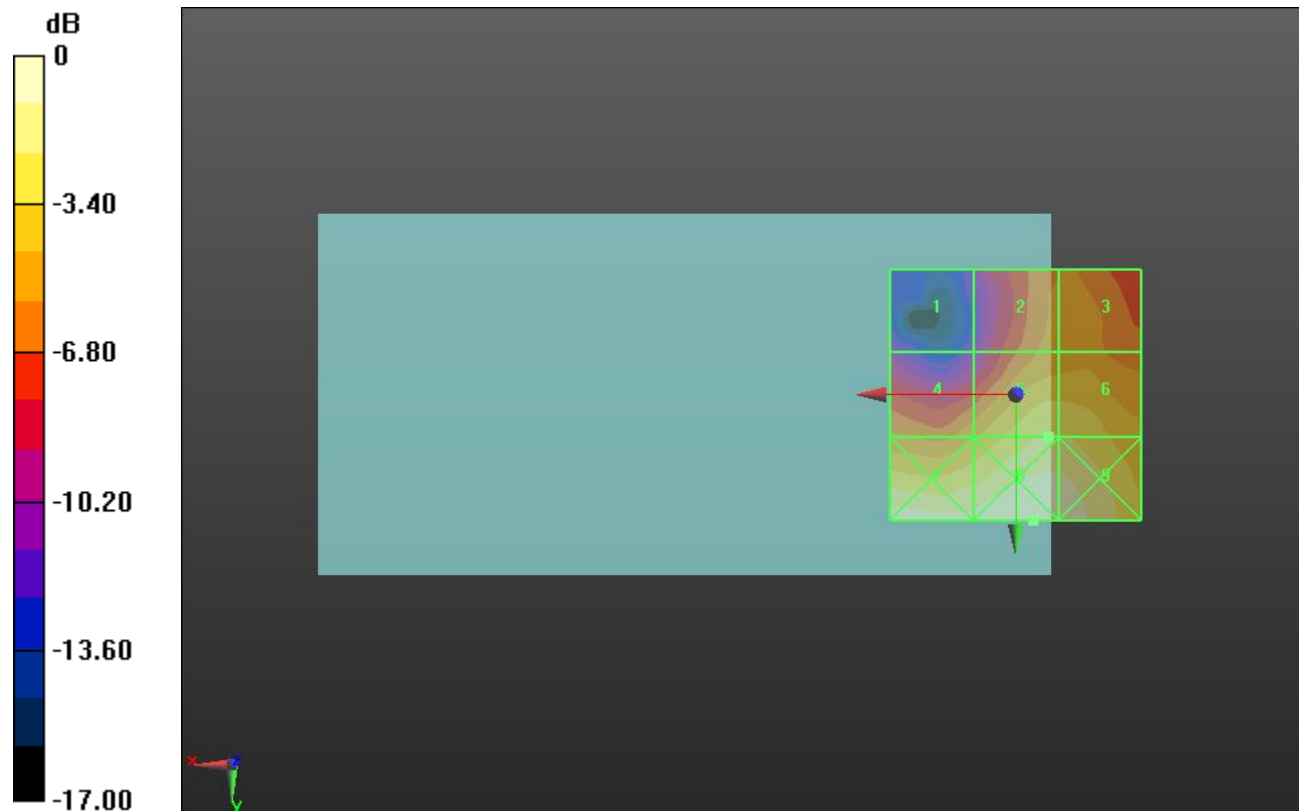
Applied MIF = 3.63 dB

RF audio interference level = 23.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.09 dBV/m	Grid 2 M4 20.48 dBV/m	Grid 3 M4 20.62 dBV/m
Grid 4 M4 20.98 dBV/m	Grid 5 M4 23.51 dBV/m	Grid 6 M4 23.46 dBV/m
Grid 7 M4 25.4 dBV/m	Grid 8 M4 25.63 dBV/m	Grid 9 M4 25.39 dBV/m



0 dB = 19.12 V/m = 25.63 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 = 12.22 V/m; Power Drift = -0.13 dB

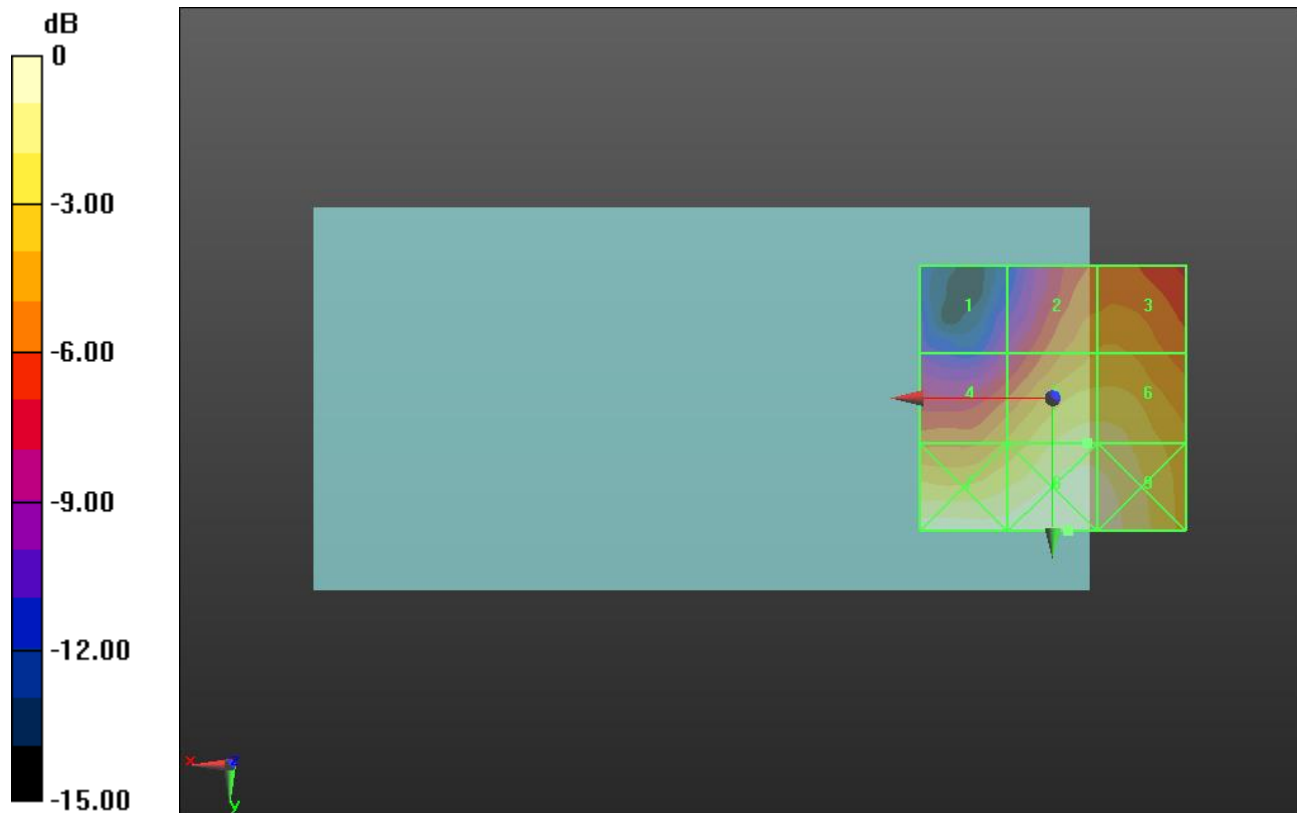
Applied MIF = 3.63 dB

RF audio interference level = 25.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.13 dBV/m	Grid 2 M4 22.82 dBV/m	Grid 3 M4 22.96 dBV/m
Grid 4 M4 22.96 dBV/m	Grid 5 M4 25.28 dBV/m	Grid 6 M4 25.25 dBV/m
Grid 7 M4 26.51 dBV/m	Grid 8 M4 26.73 dBV/m	Grid 9 M4 26.44 dBV/m



0 dB = 21.71 V/m = 26.73 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.68 V/m; Power Drift = -0.13 dB

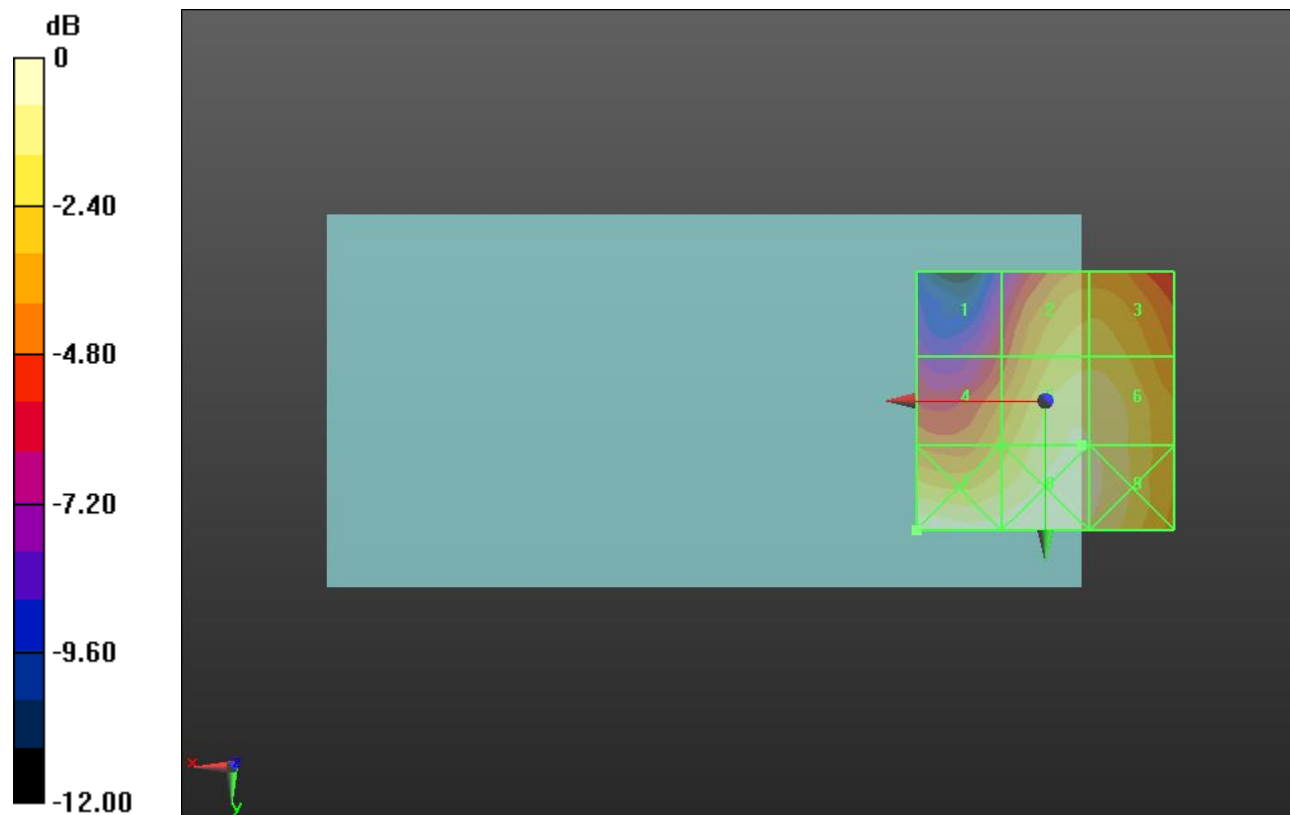
Applied MIF = 3.63 dB

RF audio interference level = 25.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.53 dBV/m	Grid 2 M4 23.98 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 22.94 dBV/m	Grid 5 M4 25.09 dBV/m	Grid 6 M4 25.06 dBV/m
Grid 7 M4 25.8 dBV/m	Grid 8 M4 25.51 dBV/m	Grid 9 M4 25.19 dBV/m



0 dB = 19.50 V/m = 25.80 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 = 46.87 V/m; Power Drift = -0.07 dB

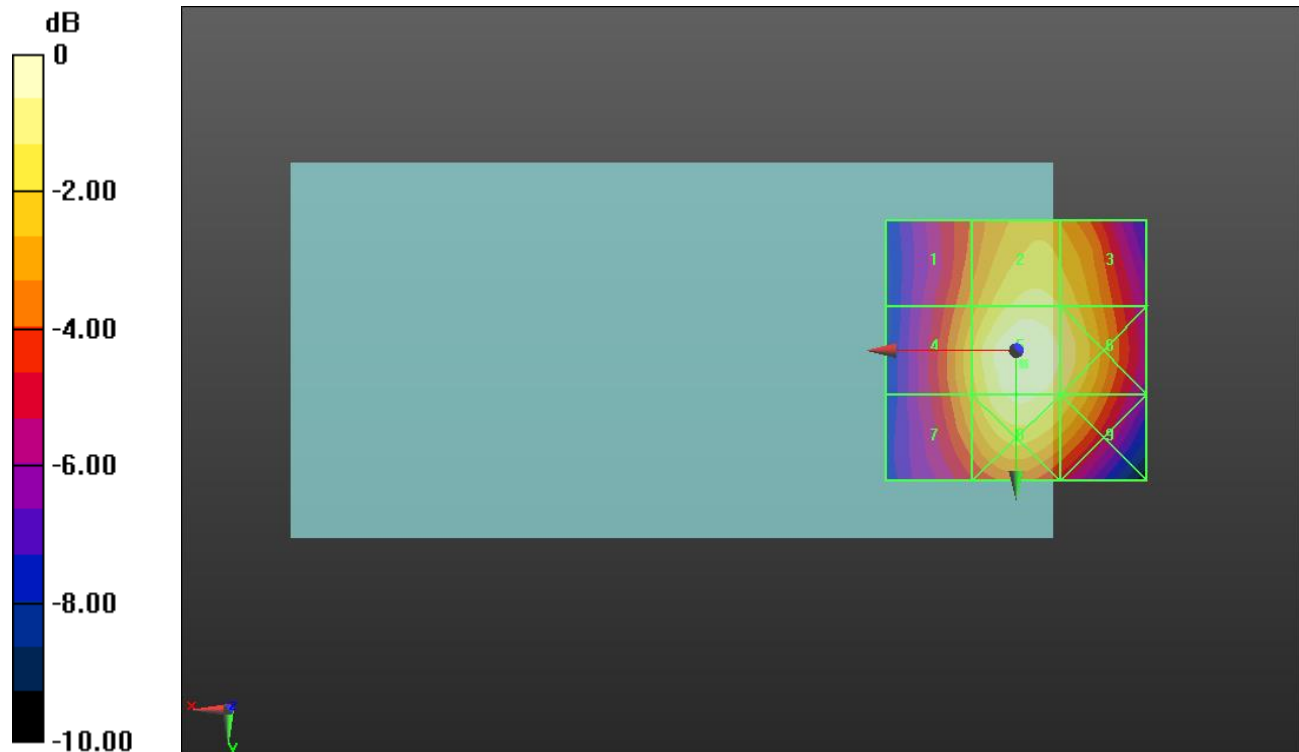
Applied MIF = 3.26 dB

RF audio interference level = 31.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.17 dBV/m	Grid 2 M4 30.15 dBV/m	Grid 3 M4 29.79 dBV/m
Grid 4 M4 29.11 dBV/m	Grid 5 M4 31.13 dBV/m	Grid 6 M4 30.43 dBV/m
Grid 7 M4 28.74 dBV/m	Grid 8 M4 30.69 dBV/m	Grid 9 M4 29.84 dBV/m



0 dB = 36.03 V/m = 31.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 50.66 V/m; Power Drift = -0.11 dB

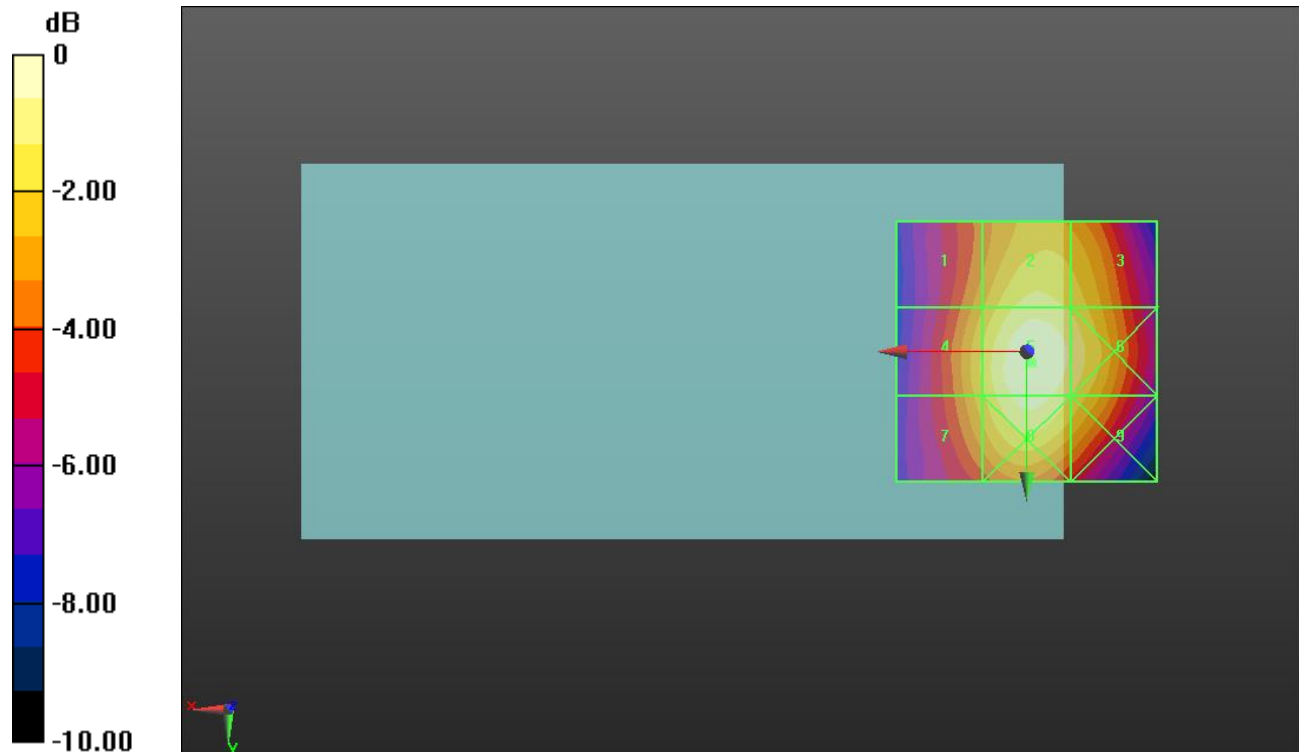
Applied MIF = 3.26 dB

RF audio interference level = 31.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.09 dBV/m	Grid 2 M4 30.83 dBV/m	Grid 3 M4 30.38 dBV/m
Grid 4 M4 29.96 dBV/m	Grid 5 M4 31.82 dBV/m	Grid 6 M4 31.04 dBV/m
Grid 7 M4 29.67 dBV/m	Grid 8 M4 31.47 dBV/m	Grid 9 M4 30.48 dBV/m



0 dB = 38.99 V/m = 31.82 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 = 60.67 V/m; Power Drift = 0.00 dB

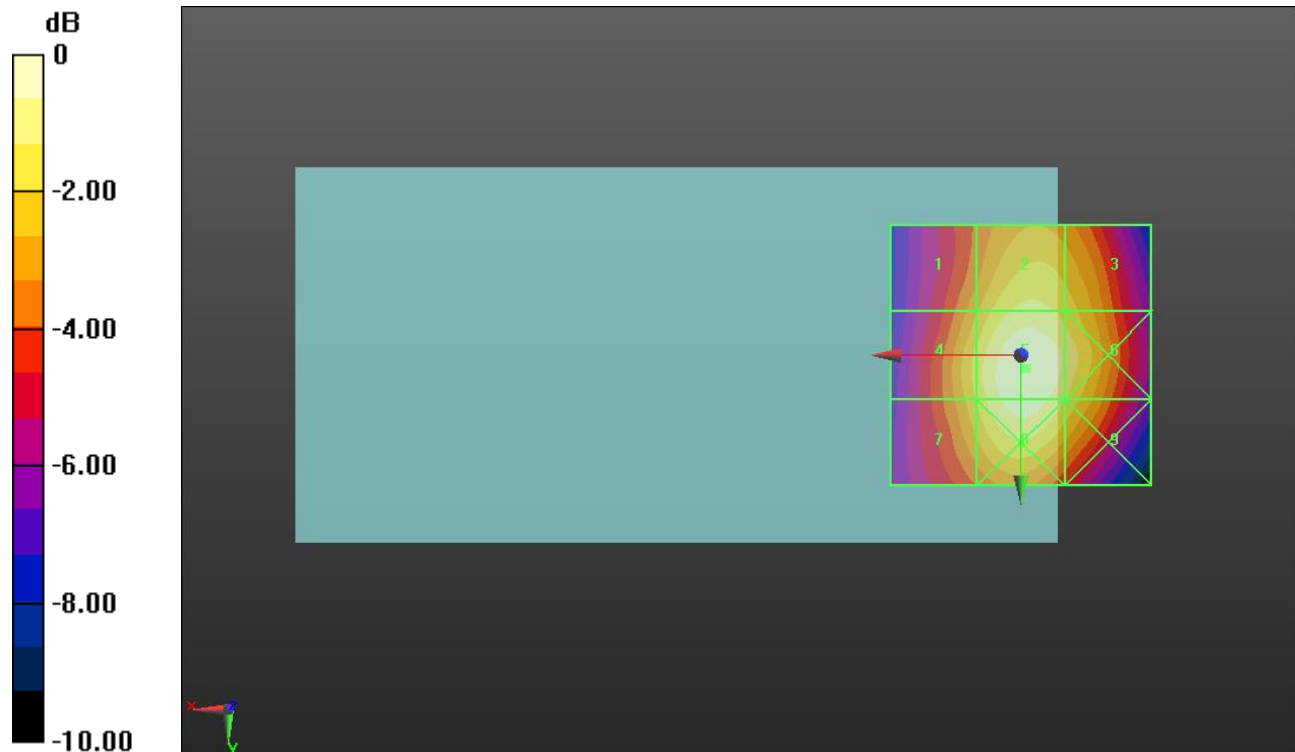
Applied MIF = 3.26 dB

RF audio interference level = 33.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.65 dBV/m	Grid 2 M4 32.34 dBV/m	Grid 3 M4 31.85 dBV/m
Grid 4 M4 31.72 dBV/m	Grid 5 M4 33.41 dBV/m	Grid 6 M4 32.61 dBV/m
Grid 7 M4 31.45 dBV/m	Grid 8 M4 33.15 dBV/m	Grid 9 M4 32.07 dBV/m



0 dB = 46.84 V/m = 33.41 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 = 19.93 V/m; Power Drift = 0.02 dB

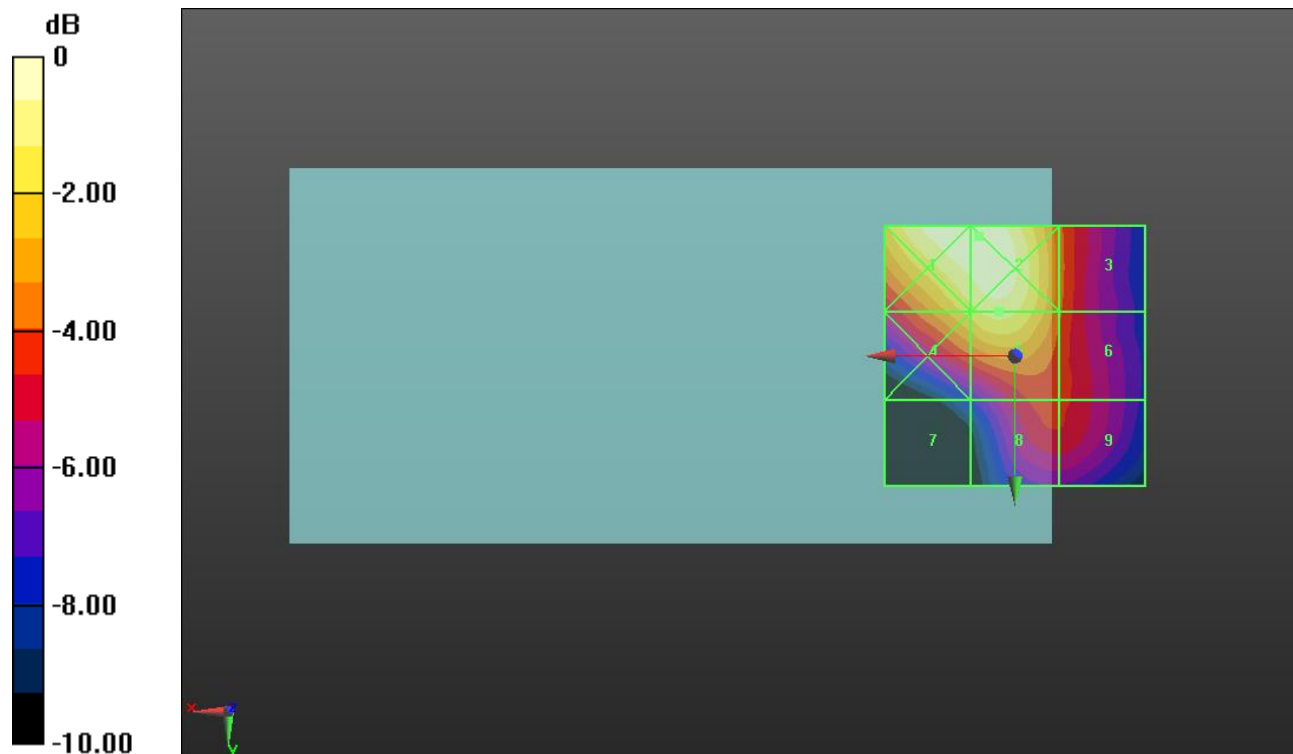
Applied MIF = 3.26 dB

RF audio interference level = 28.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.52 dBV/m	Grid 2 M4 29.55 dBV/m	Grid 3 M4 25.93 dBV/m
Grid 4 M4 27.88 dBV/m	Grid 5 M4 28.5 dBV/m	Grid 6 M4 25.72 dBV/m
Grid 7 M4 22.15 dBV/m	Grid 8 M4 25.17 dBV/m	Grid 9 M4 25.08 dBV/m



0 dB = 30.01 V/m = 29.55 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 = 19.07 V/m; Power Drift = -0.06 dB

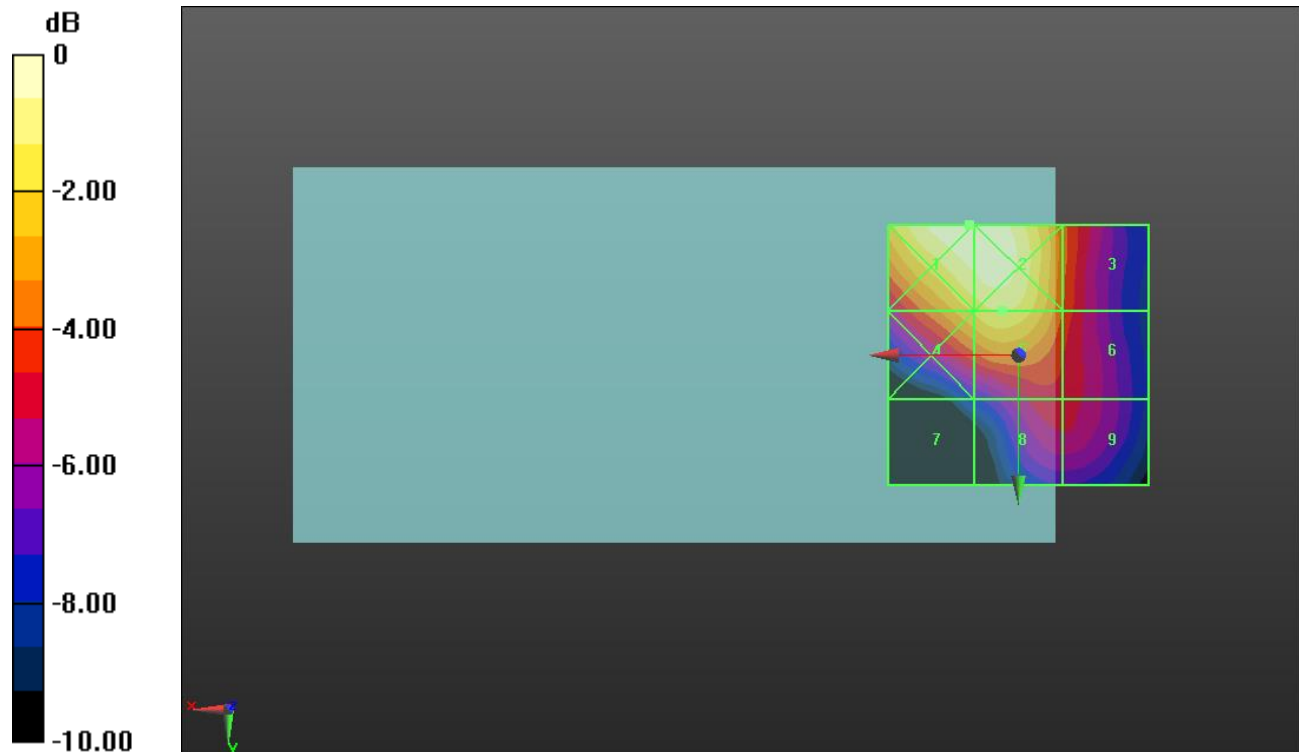
Applied MIF = 3.26 dB

RF audio interference level = 27.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.24 dBV/m	Grid 2 M4 29.24 dBV/m	Grid 3 M4 25.59 dBV/m
Grid 4 M4 27.38 dBV/m	Grid 5 M4 27.94 dBV/m	Grid 6 M4 25.24 dBV/m
Grid 7 M4 21.69 dBV/m	Grid 8 M4 24.41 dBV/m	Grid 9 M4 24.29 dBV/m



0 dB = 28.98 V/m = 29.24 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 = 16.91 V/m; Power Drift = -0.06 dB

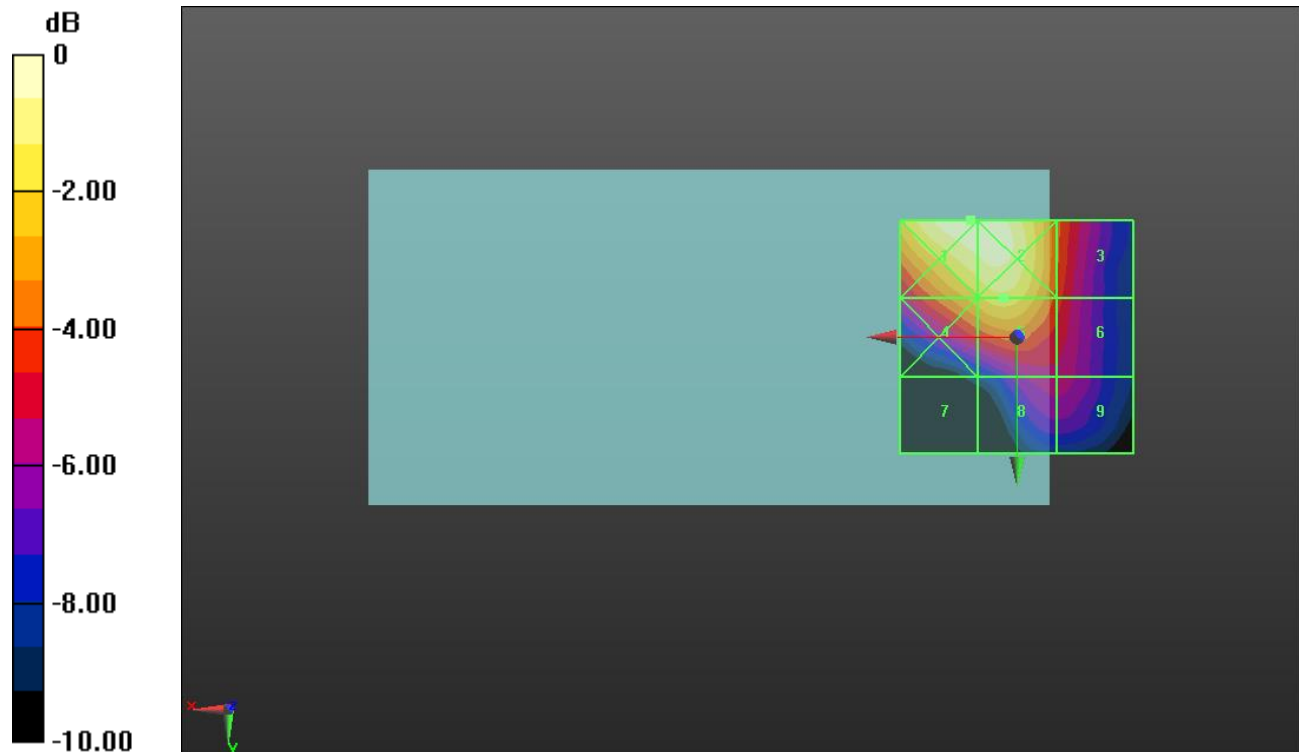
Applied MIF = 3.26 dB

RF audio interference level = 27.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.58 dBV/m	Grid 2 M4 28.54 dBV/m	Grid 3 M4 24.84 dBV/m
Grid 4 M4 26.38 dBV/m	Grid 5 M4 27.01 dBV/m	Grid 6 M4 24.33 dBV/m
Grid 7 M4 20.06 dBV/m	Grid 8 M4 23.02 dBV/m	Grid 9 M4 23 dBV/m



0 dB = 26.84 V/m = 28.58 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 = 45.97 V/m; Power Drift = 0.03 dB

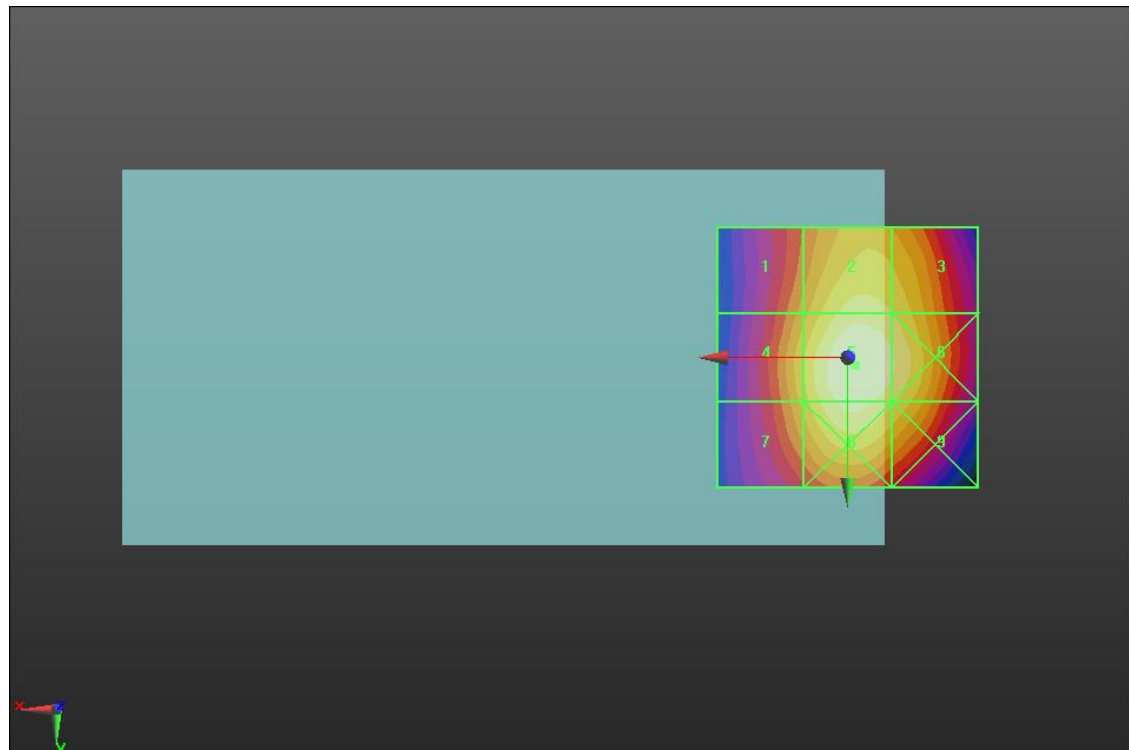
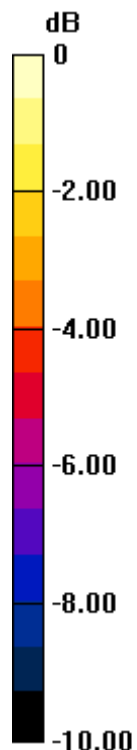
Applied MIF = 3.26 dB

RF audio interference level = 30.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.06 dBV/m	Grid 2 M4 30.05 dBV/m	Grid 3 M4 29.69 dBV/m
Grid 4 M4 29 dBV/m	Grid 5 M4 30.99 dBV/m	Grid 6 M4 30.42 dBV/m
Grid 7 M4 28.6 dBV/m	Grid 8 M4 30.58 dBV/m	Grid 9 M4 29.78 dBV/m



0 dB = 35.45 V/m = 30.99 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 = 49.90 V/m; Power Drift = 0.01 dB

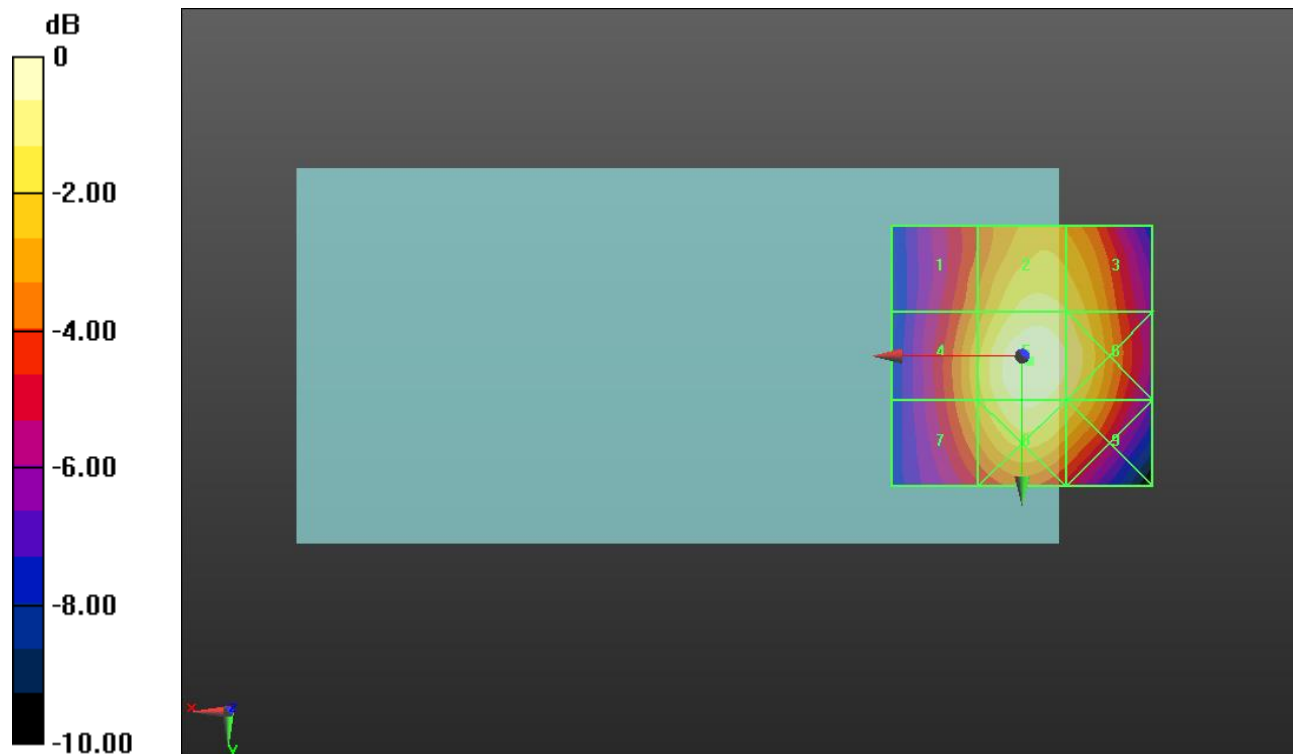
Applied MIF = 3.26 dB

RF audio interference level = 31.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.77 dBV/m	Grid 2 M4 30.84 dBV/m	Grid 3 M4 30.5 dBV/m
Grid 4 M4 29.73 dBV/m	Grid 5 M4 31.8 dBV/m	Grid 6 M4 31.17 dBV/m
Grid 7 M4 29.43 dBV/m	Grid 8 M4 31.31 dBV/m	Grid 9 M4 30.54 dBV/m



0 dB = 38.92 V/m = 31.80 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 = 48.64 V/m; Power Drift = 0.04 dB

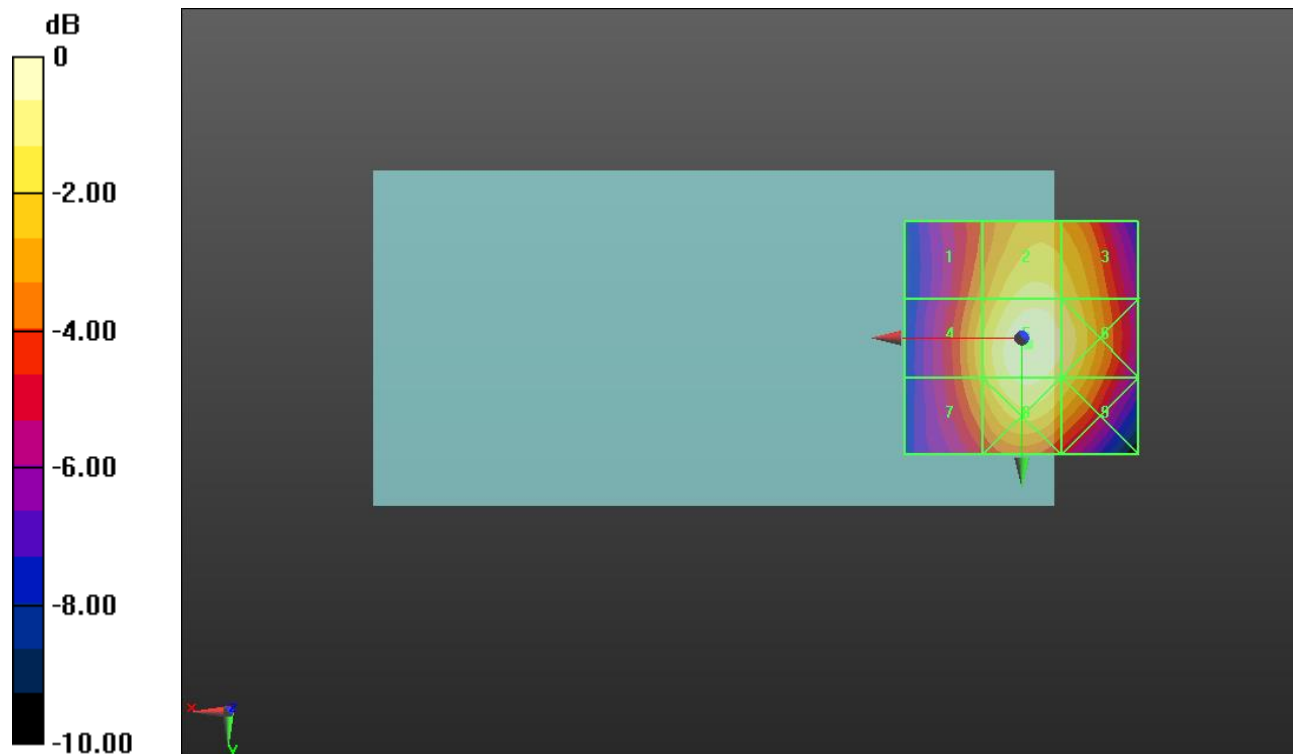
Applied MIF = 3.26 dB

RF audio interference level = 31.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.67 dBV/m	Grid 2 M4 30.67 dBV/m	Grid 3 M4 30.25 dBV/m
Grid 4 M4 29.55 dBV/m	Grid 5 M4 31.59 dBV/m	Grid 6 M4 30.96 dBV/m
Grid 7 M4 29.22 dBV/m	Grid 8 M4 31.13 dBV/m	Grid 9 M4 30.36 dBV/m



0 dB = 37.98 V/m = 31.59 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 = 63.58 V/m; Power Drift = -0.05 dB

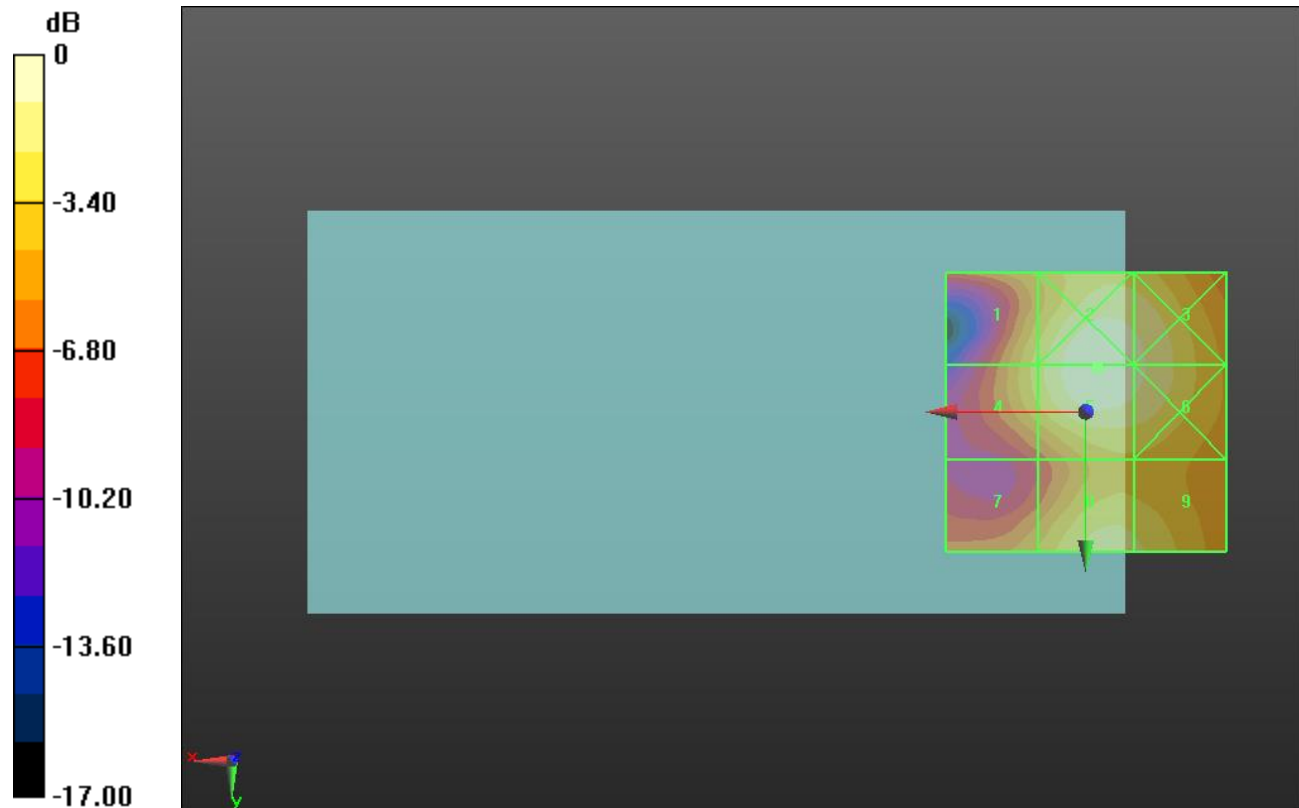
Applied MIF = -1.44 dB

RF audio interference level = 31.10 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.33 dBV/m	Grid 2 M3 31.1 dBV/m	Grid 3 M3 30.38 dBV/m
Grid 4 M4 28.37 dBV/m	Grid 5 M3 31.1 dBV/m	Grid 6 M3 30.38 dBV/m
Grid 7 M4 26.79 dBV/m	Grid 8 M4 29.41 dBV/m	Grid 9 M4 29.14 dBV/m



0 dB = 35.91 V/m = 31.10 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 = 50.53 V/m; Power Drift = 0.04 dB

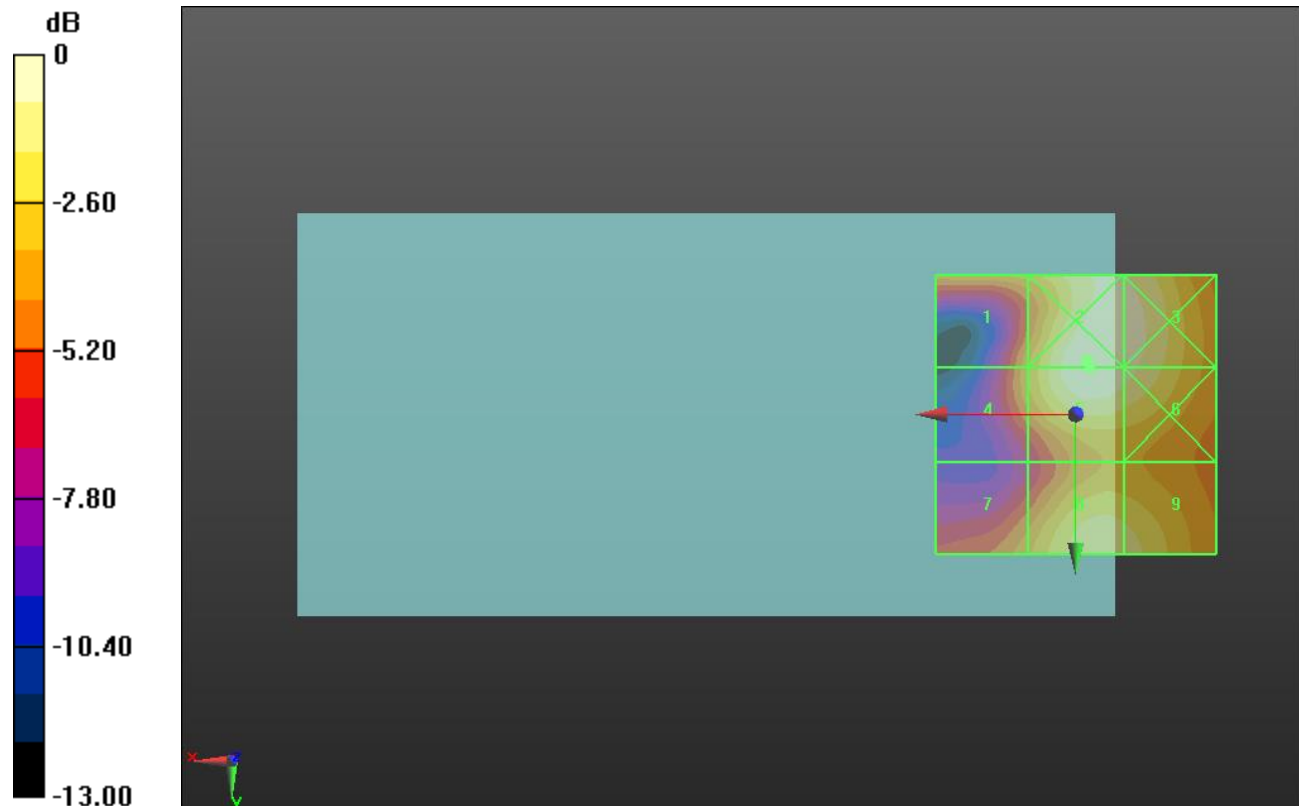
Applied MIF = -1.44 dB

RF audio interference level = 29.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.07 dBV/m	Grid 2 M4 29.83 dBV/m	Grid 3 M4 29.5 dBV/m
Grid 4 M4 26.37 dBV/m	Grid 5 M4 29.81 dBV/m	Grid 6 M4 29.34 dBV/m
Grid 7 M4 26.23 dBV/m	Grid 8 M4 28.82 dBV/m	Grid 9 M4 28.57 dBV/m



0 dB = 30.99 V/m = 29.82 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 7/22/2020

- Sensor-Surface: (Fix Surface)

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

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

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

LTE Band 41_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 = 63.19 V/m; Power Drift = 0.03 dB

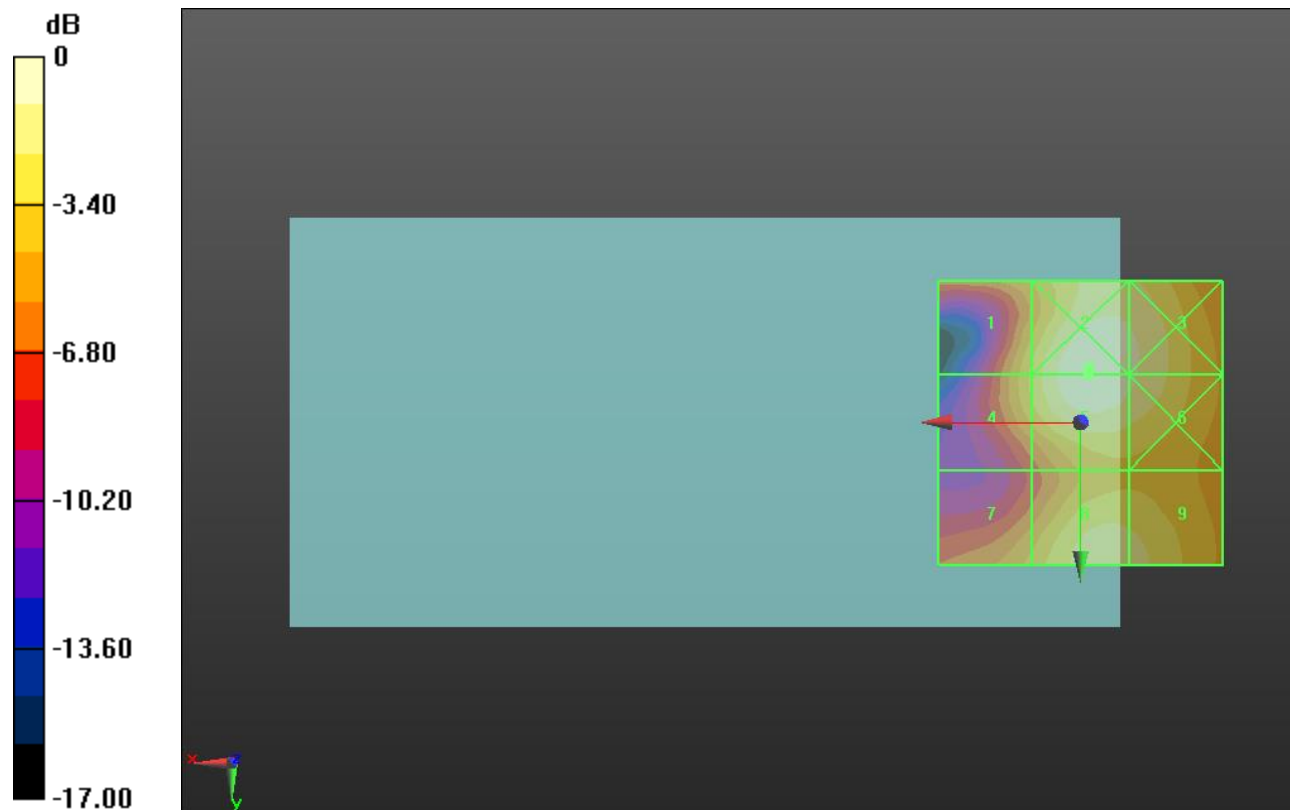
Applied MIF = -1.44 dB

RF audio interference level = 31.65 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.61 dBV/m	Grid 2 M3 31.67 dBV/m	Grid 3 M3 30.88 dBV/m
Grid 4 M4 28.63 dBV/m	Grid 5 M3 31.65 dBV/m	Grid 6 M3 30.83 dBV/m
Grid 7 M4 27.57 dBV/m	Grid 8 M3 30.16 dBV/m	Grid 9 M4 29.9 dBV/m



0 dB = 38.31 V/m = 31.67 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 = 65.07 V/m; Power Drift = -0.06 dB

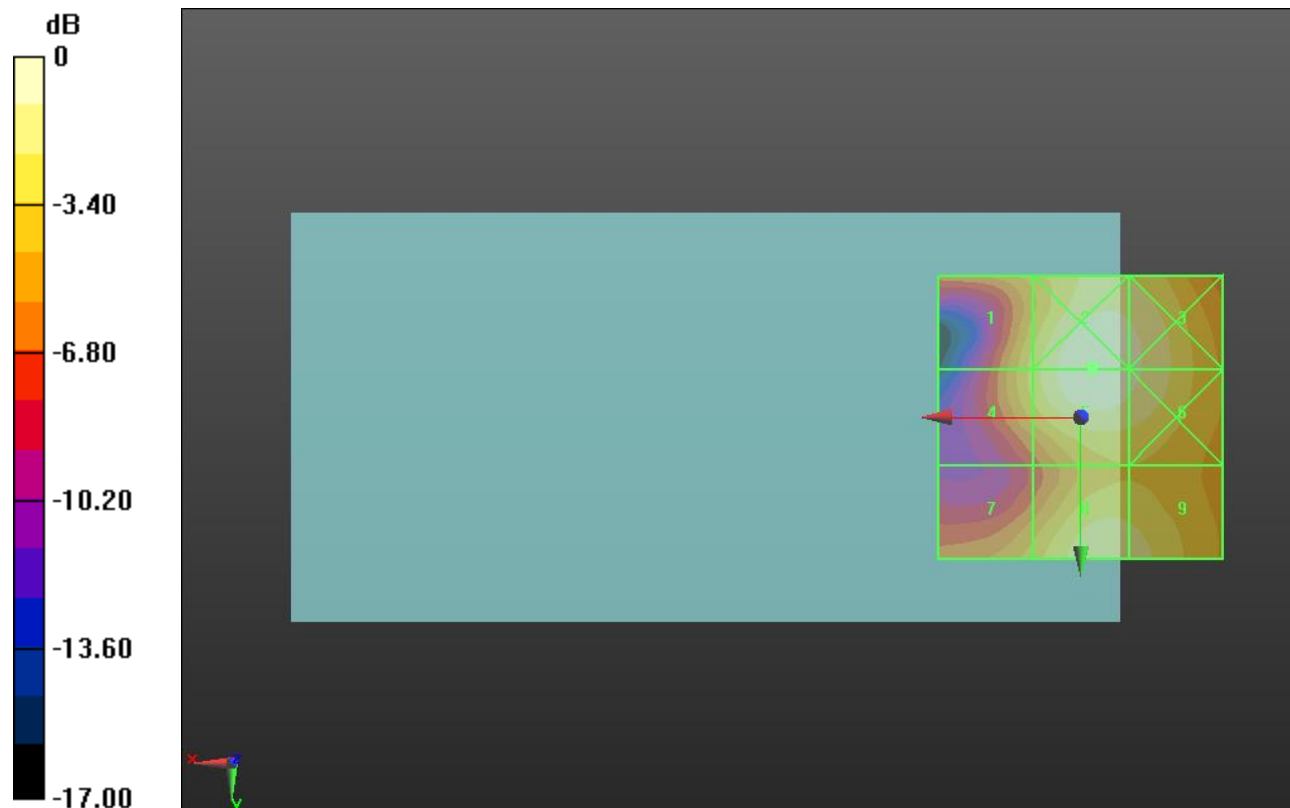
Applied MIF = -1.44 dB

RF audio interference level = 31.62 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.7 dBV/m	Grid 2 M3 31.63 dBV/m	Grid 3 M3 30.93 dBV/m
Grid 4 M4 28.72 dBV/m	Grid 5 M3 31.62 dBV/m	Grid 6 M3 30.91 dBV/m
Grid 7 M4 27.71 dBV/m	Grid 8 M3 30.25 dBV/m	Grid 9 M3 30.01 dBV/m



0 dB = 38.14 V/m = 31.63 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 63.83 V/m; Power Drift = -0.02 dB

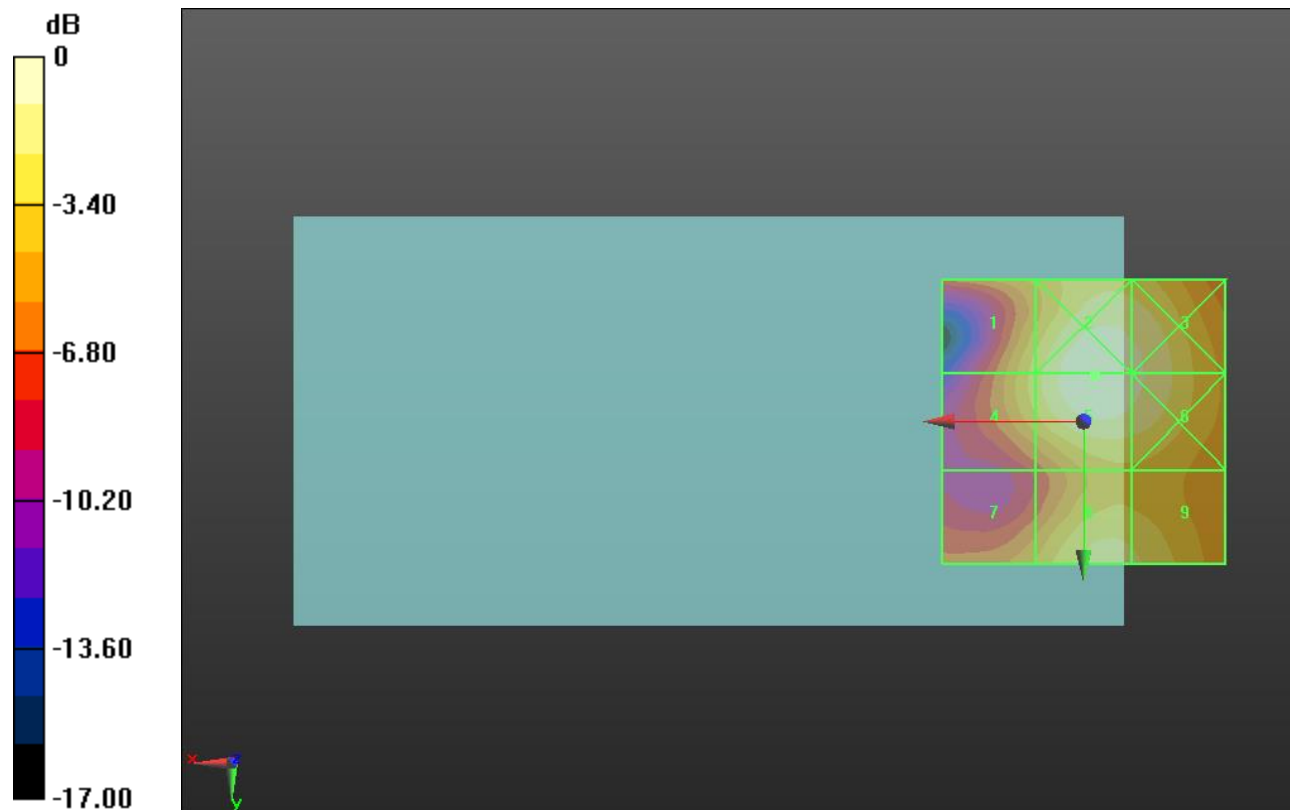
Applied MIF = -1.44 dB

RF audio interference level = 31.15 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.35 dBV/m	Grid 2 M3 31.14 dBV/m	Grid 3 M3 30.42 dBV/m
Grid 4 M4 28.4 dBV/m	Grid 5 M3 31.15 dBV/m	Grid 6 M3 30.42 dBV/m
Grid 7 M4 26.78 dBV/m	Grid 8 M4 29.43 dBV/m	Grid 9 M4 29.16 dBV/m



0 dB = 36.09 V/m = 31.15 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 = 18.15 V/m; Power Drift = -0.03 dB

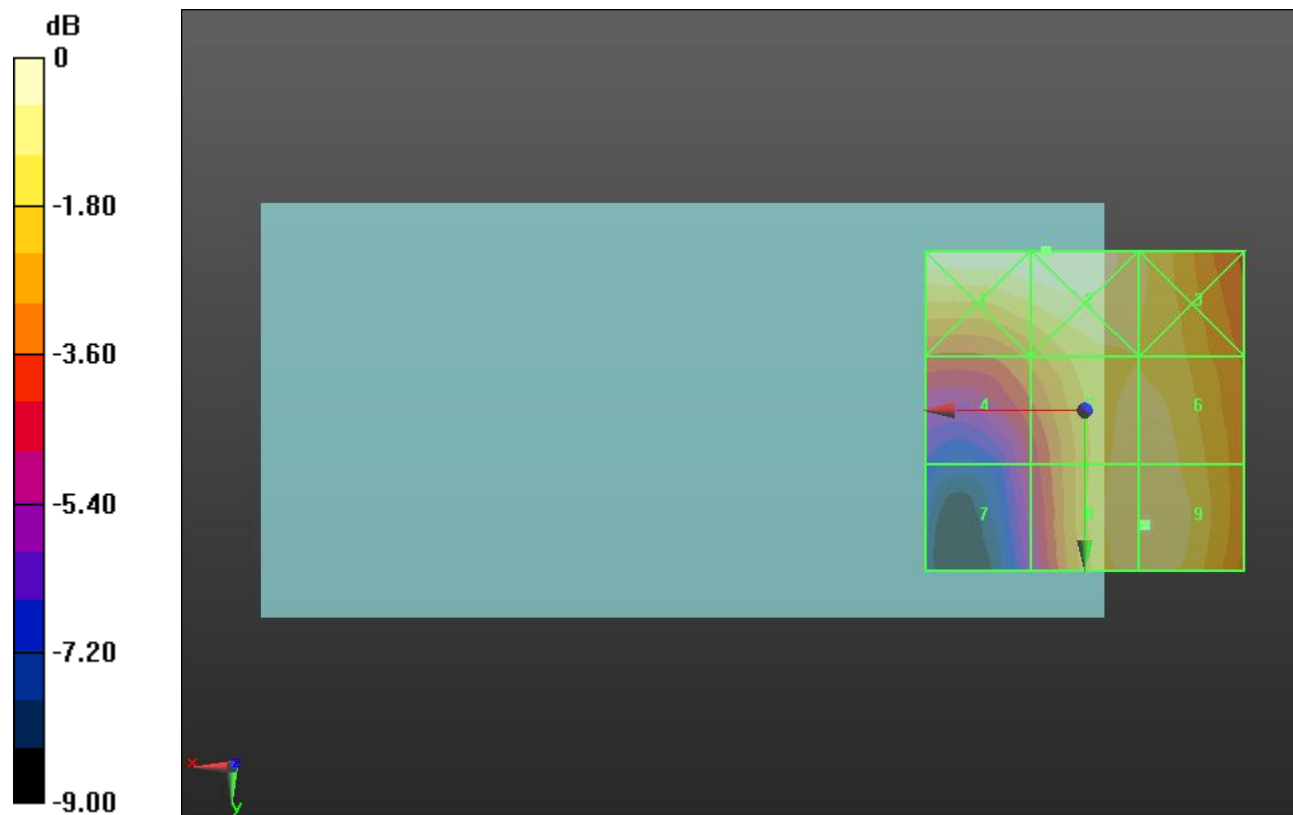
Applied MIF = 3.63 dB

RF audio interference level = 27.73 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.29 dBV/m	Grid 2 M4 28.31 dBV/m	Grid 3 M4 27.29 dBV/m
Grid 4 M4 25.54 dBV/m	Grid 5 M4 27.53 dBV/m	Grid 6 M4 27.53 dBV/m
Grid 7 M4 23.68 dBV/m	Grid 8 M4 27.71 dBV/m	Grid 9 M4 27.73 dBV/m



0 dB = 26.03 V/m = 28.31 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.82 V/m; Power Drift = -0.05 dB

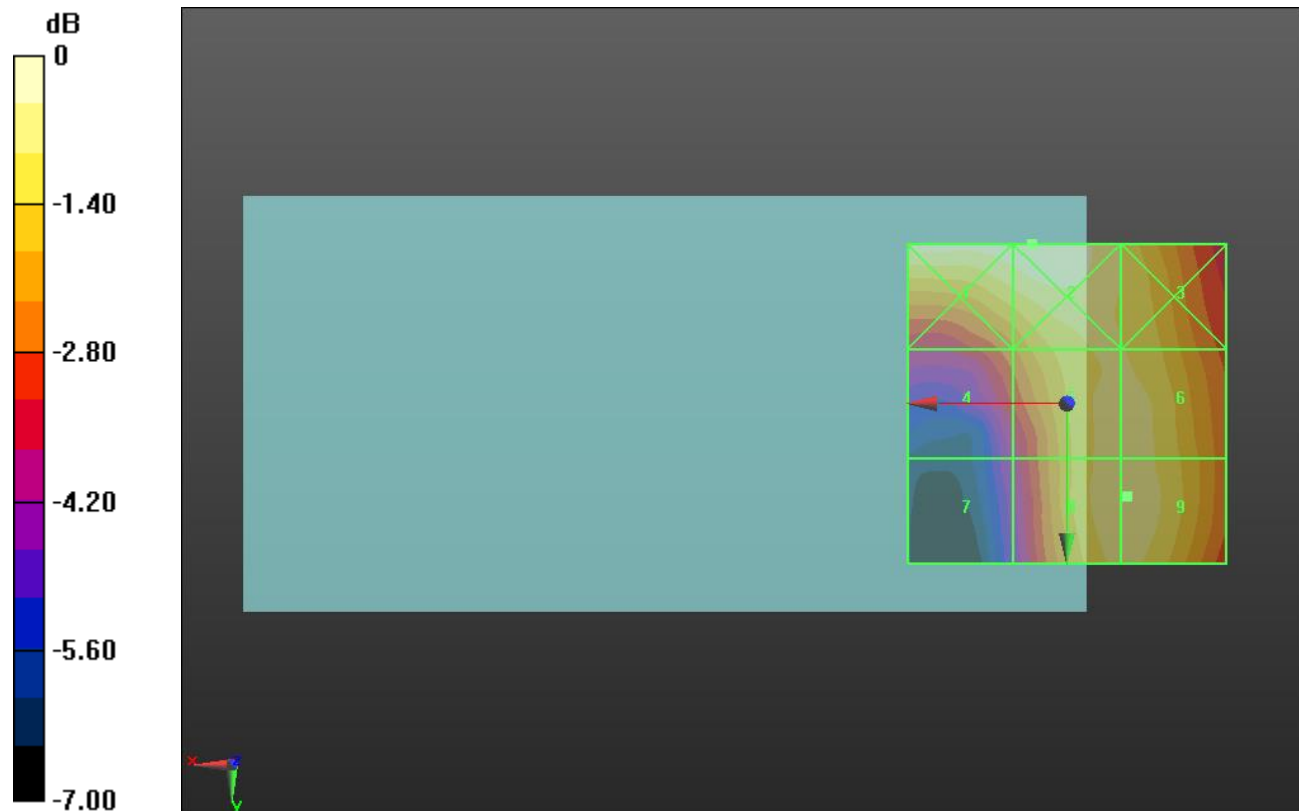
Applied MIF = 3.63 dB

RF audio interference level = 27.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.1 dBV/m	Grid 2 M4 28.21 dBV/m	Grid 3 M4 27.3 dBV/m
Grid 4 M4 25.79 dBV/m	Grid 5 M4 27.55 dBV/m	Grid 6 M4 27.56 dBV/m
Grid 7 M4 24.22 dBV/m	Grid 8 M4 27.65 dBV/m	Grid 9 M4 27.66 dBV/m



0 dB = 25.74 V/m = 28.21 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 = 18.77 V/m; Power Drift = -0.06 dB

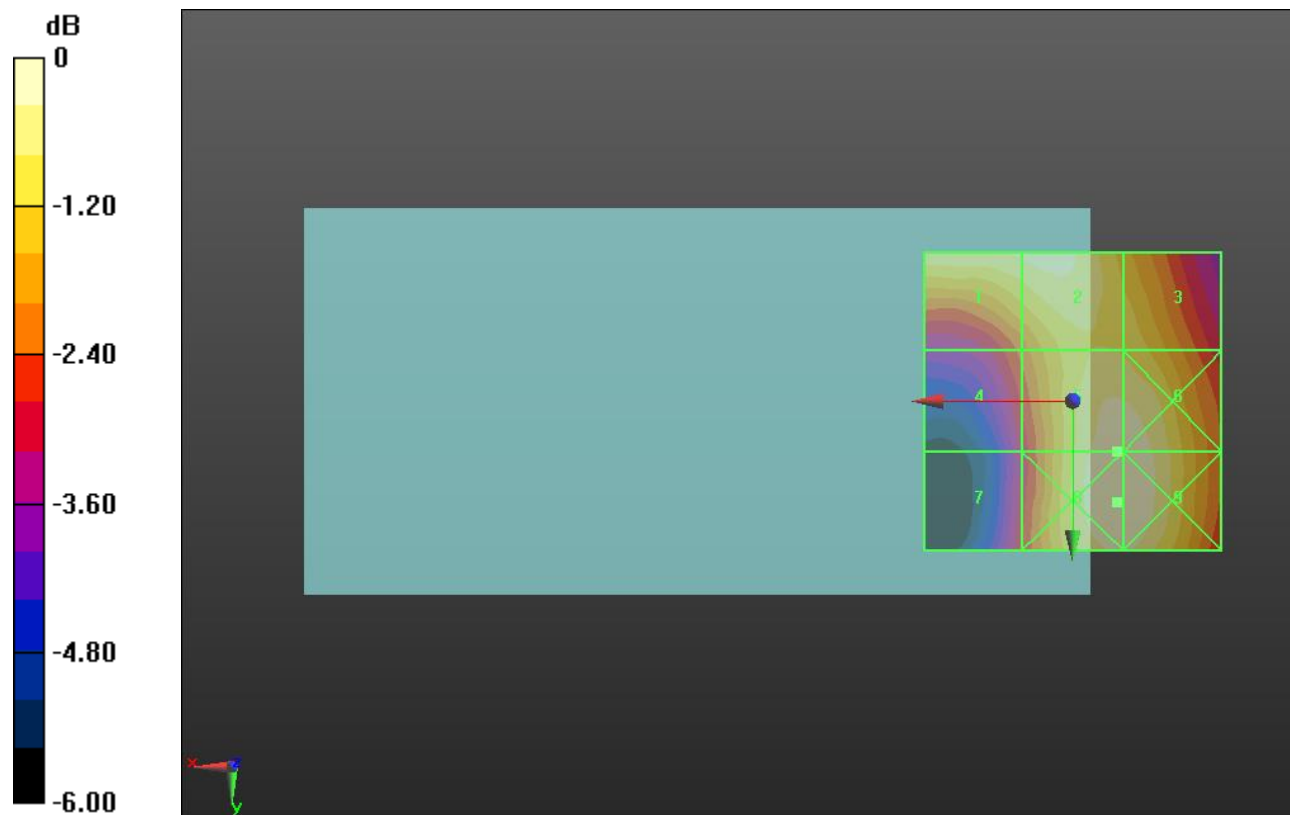
Applied MIF = 3.63 dB

RF audio interference level = 27.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.37 dBV/m	Grid 2 M4 27.51 dBV/m	Grid 3 M4 26.83 dBV/m
Grid 4 M4 25.45 dBV/m	Grid 5 M4 27.56 dBV/m	Grid 6 M4 27.55 dBV/m
Grid 7 M4 24.87 dBV/m	Grid 8 M4 27.68 dBV/m	Grid 9 M4 27.67 dBV/m



0 dB = 24.20 V/m = 27.68 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.39 V/m; Power Drift = -0.06 dB

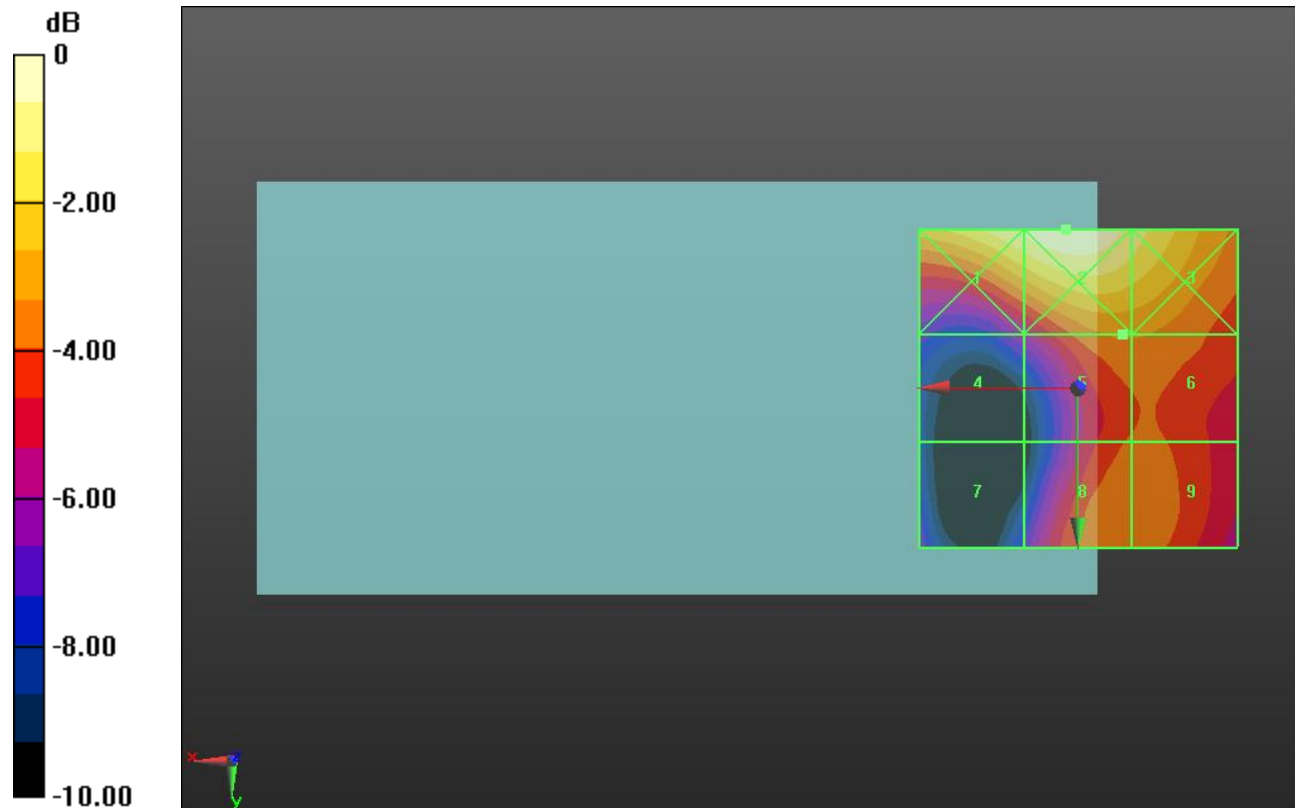
Applied MIF = -1.44 dB

RF audio interference level = 22.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.37 dBV/m	Grid 2 M4 25.83 dBV/m	Grid 3 M4 24.91 dBV/m
Grid 4 M4 19.92 dBV/m	Grid 5 M4 22.61 dBV/m	Grid 6 M4 22.59 dBV/m
Grid 7 M4 19.4 dBV/m	Grid 8 M4 22.48 dBV/m	Grid 9 M4 22.43 dBV/m



0 dB = 19.56 V/m = 25.83 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 16.09 V/m; Power Drift = 0.11 dB

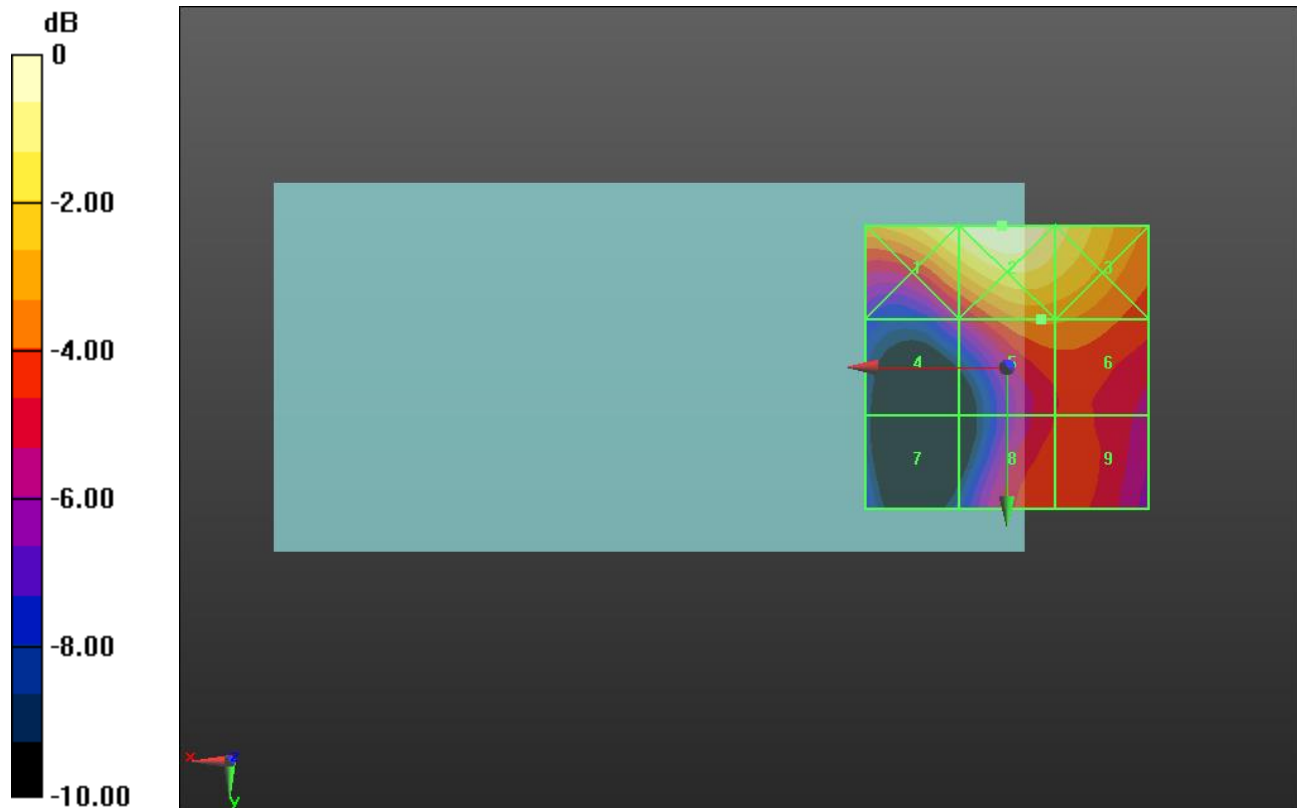
Applied MIF = -1.44 dB

RF audio interference level = 23.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.68 dBV/m	Grid 2 M4 26.29 dBV/m	Grid 3 M4 25.34 dBV/m
Grid 4 M4 20.57 dBV/m	Grid 5 M4 23.16 dBV/m	Grid 6 M4 23.1 dBV/m
Grid 7 M4 19.12 dBV/m	Grid 8 M4 22.06 dBV/m	Grid 9 M4 22.05 dBV/m



0 dB = 20.63 V/m = 26.29 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 18.15 V/m; Power Drift = -0.04 dB

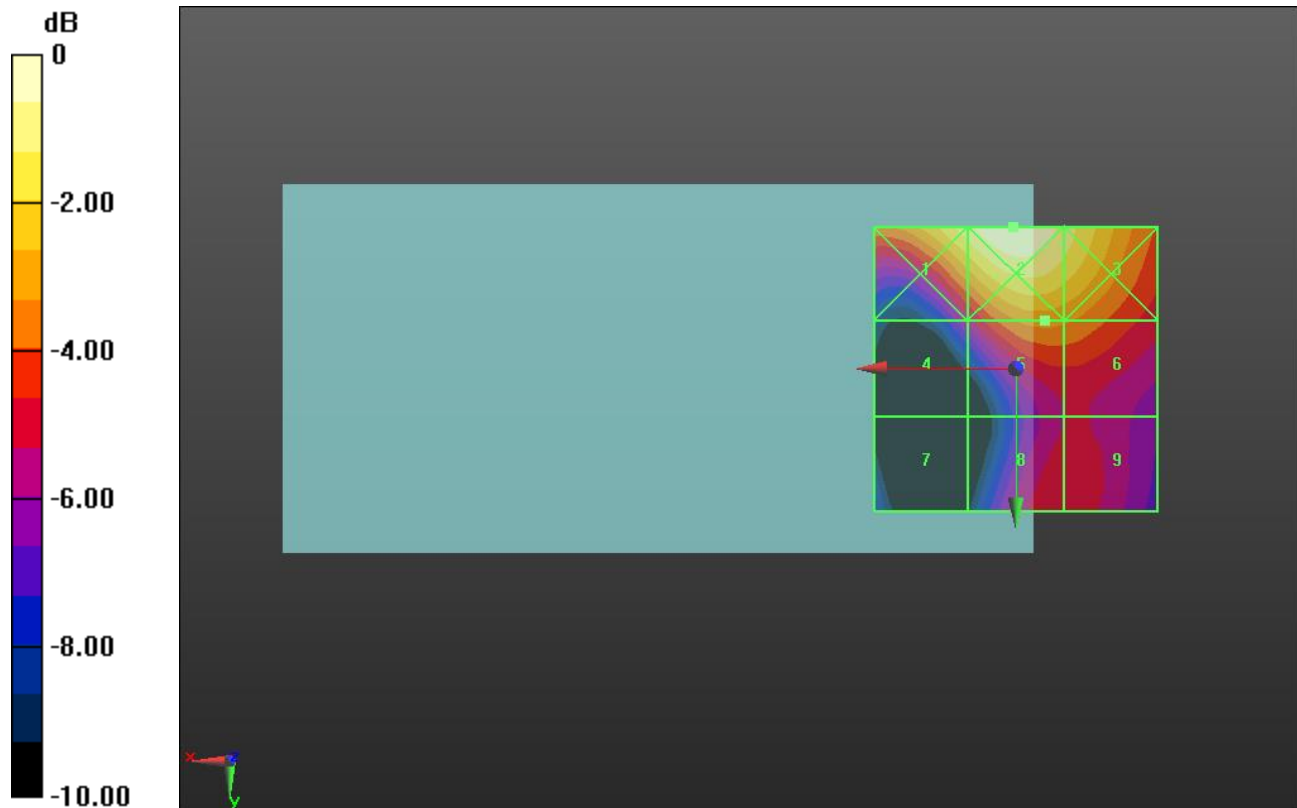
Applied MIF = -1.44 dB

RF audio interference level = 24.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.22 dBV/m	Grid 2 M4 27.06 dBV/m	Grid 3 M4 26.11 dBV/m
Grid 4 M4 21.36 dBV/m	Grid 5 M4 24.03 dBV/m	Grid 6 M4 23.86 dBV/m
Grid 7 M4 19.59 dBV/m	Grid 8 M4 22.15 dBV/m	Grid 9 M4 22.15 dBV/m



0 dB = 22.55 V/m = 27.06 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 = 17.97 V/m; Power Drift = -0.02 dB

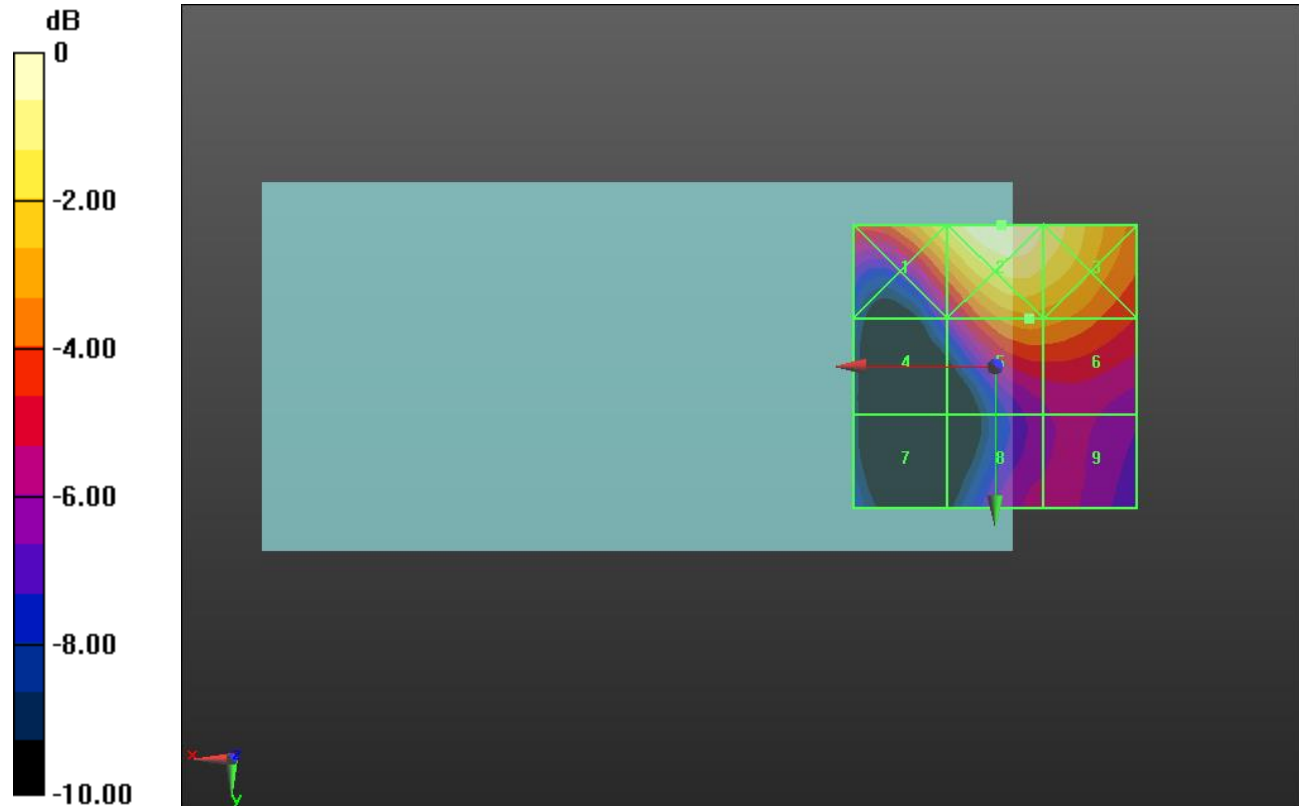
Applied MIF = -1.44 dB

RF audio interference level = 24.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.31 dBV/m	Grid 2 M4 27.52 dBV/m	Grid 3 M4 26.84 dBV/m
Grid 4 M4 21.04 dBV/m	Grid 5 M4 24.67 dBV/m	Grid 6 M4 24.52 dBV/m
Grid 7 M4 19.8 dBV/m	Grid 8 M4 21.73 dBV/m	Grid 9 M4 21.74 dBV/m



0 dB = 23.77 V/m = 27.52 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 = 18.63 V/m; Power Drift = -0.00 dB

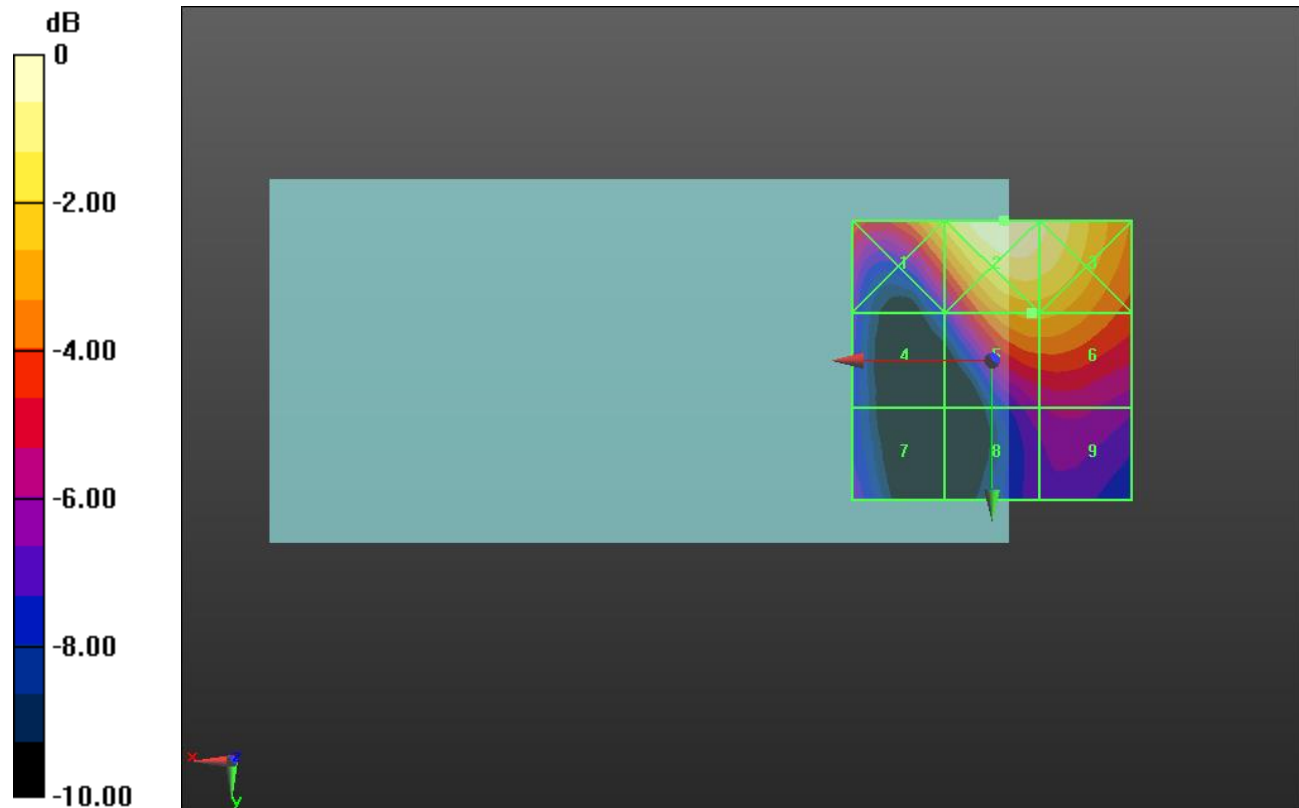
Applied MIF = -1.44 dB

RF audio interference level = 25.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.89 dBV/m	Grid 2 M4 27.54 dBV/m	Grid 3 M4 27.06 dBV/m
Grid 4 M4 20.92 dBV/m	Grid 5 M4 25.12 dBV/m	Grid 6 M4 25.09 dBV/m
Grid 7 M4 20.98 dBV/m	Grid 8 M4 21.46 dBV/m	Grid 9 M4 21.79 dBV/m



0 dB = 23.82 V/m = 27.54 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.22 V/m; Power Drift = -0.05 dB

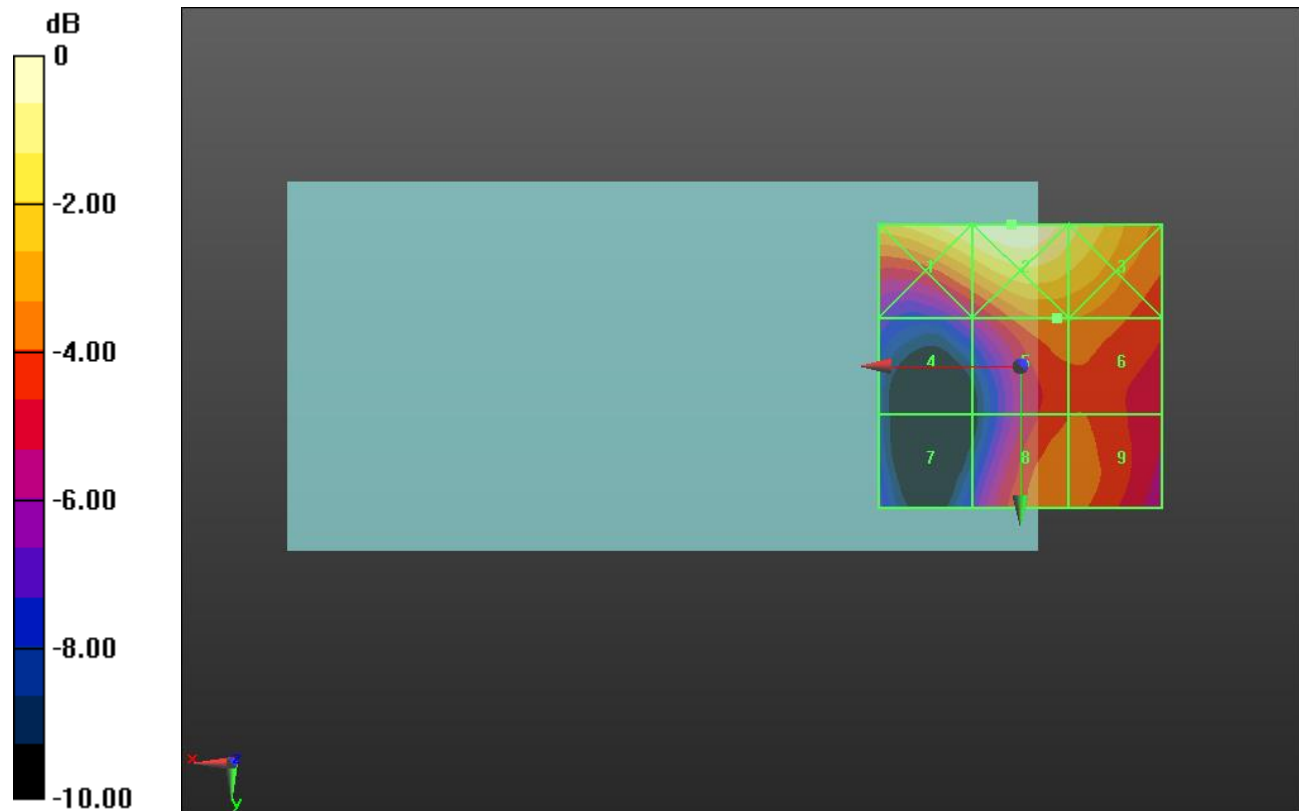
Applied MIF = -1.44 dB

RF audio interference level = 22.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.24 dBV/m	Grid 2 M4 25.71 dBV/m	Grid 3 M4 24.71 dBV/m
Grid 4 M4 19.92 dBV/m	Grid 5 M4 22.49 dBV/m	Grid 6 M4 22.45 dBV/m
Grid 7 M4 19.13 dBV/m	Grid 8 M4 22.15 dBV/m	Grid 9 M4 22.12 dBV/m



0 dB = 19.29 V/m = 25.71 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.56 V/m; Power Drift = -0.09 dB

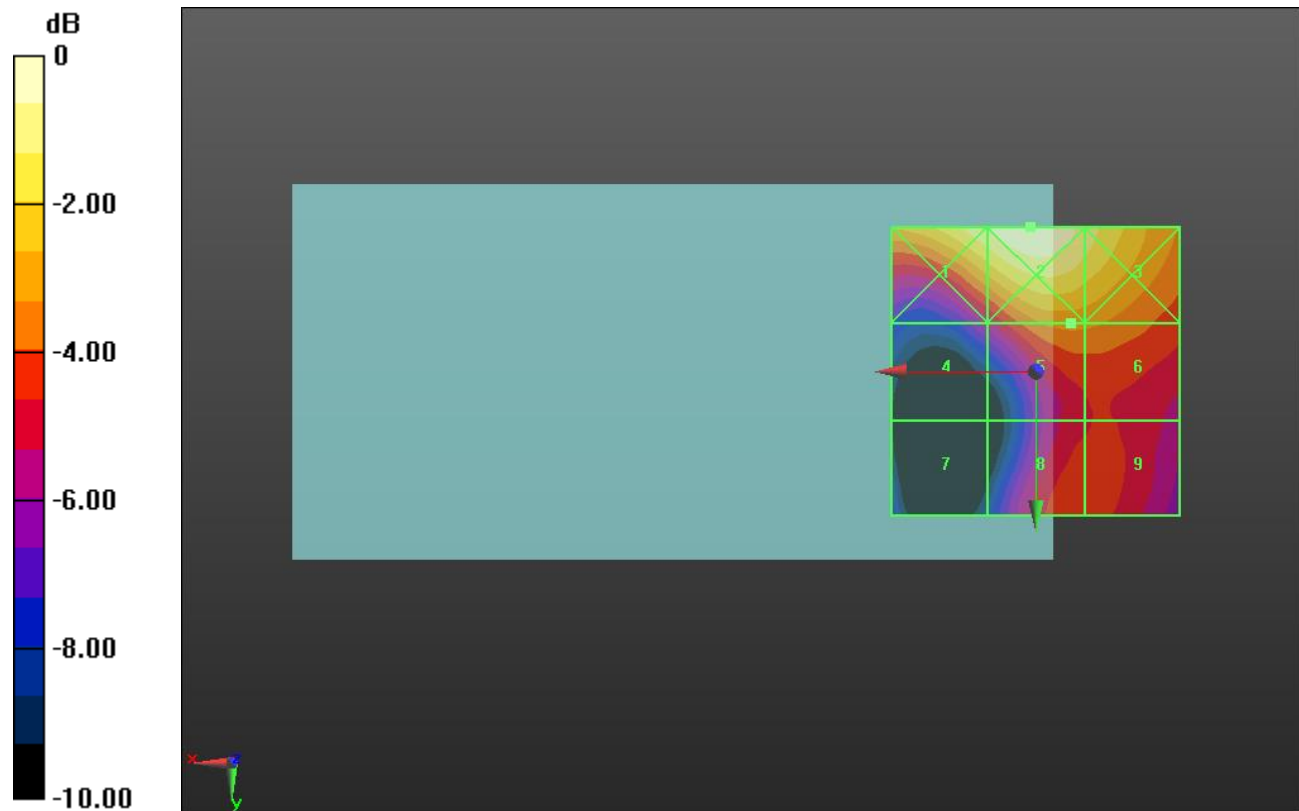
Applied MIF = -1.44 dB

RF audio interference level = 23.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.65 dBV/m	Grid 2 M4 26.26 dBV/m	Grid 3 M4 25.32 dBV/m
Grid 4 M4 20.61 dBV/m	Grid 5 M4 23.2 dBV/m	Grid 6 M4 23.13 dBV/m
Grid 7 M4 18.79 dBV/m	Grid 8 M4 22 dBV/m	Grid 9 M4 21.99 dBV/m



0 dB = 20.56 V/m = 26.26 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.93 V/m; Power Drift = 0.08 dB

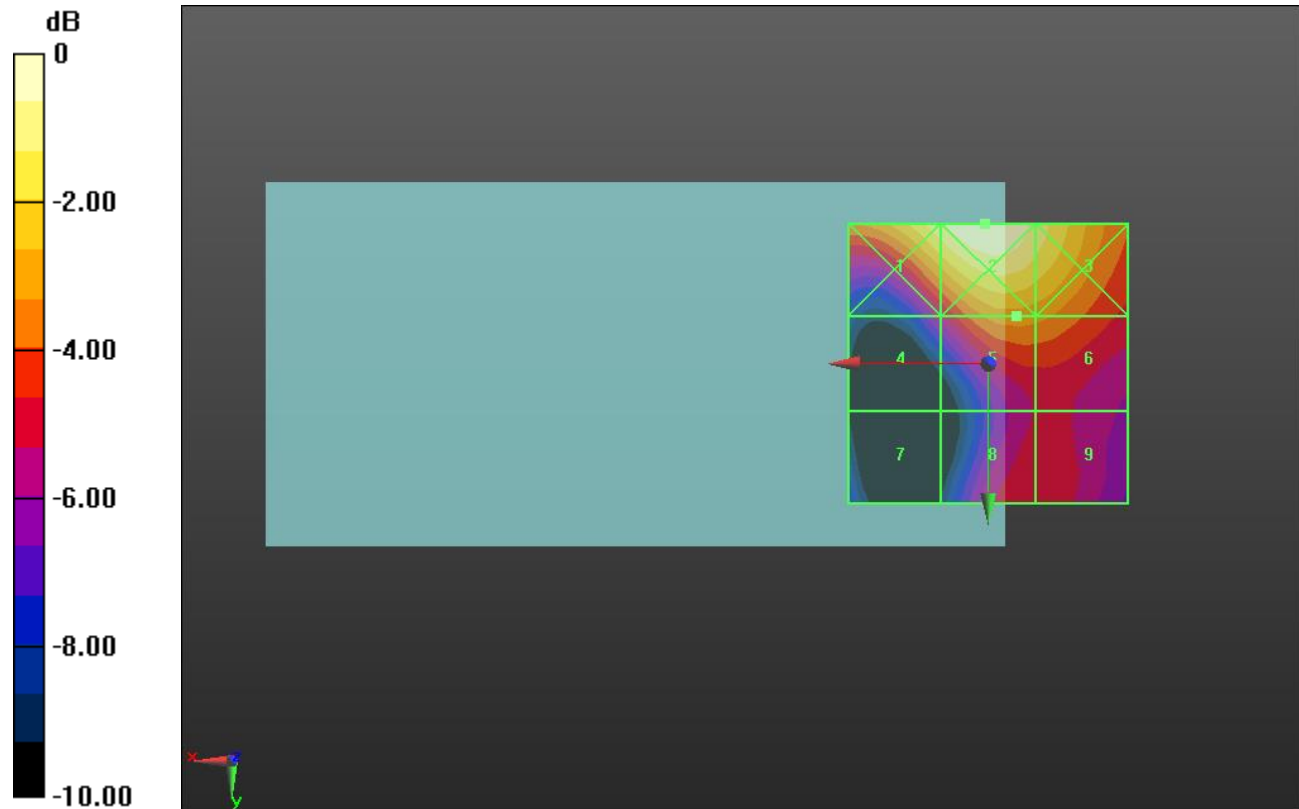
Applied MIF = -1.44 dB

RF audio interference level = 24.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.16 dBV/m	Grid 2 M4 26.94 dBV/m	Grid 3 M4 26.01 dBV/m
Grid 4 M4 21.4 dBV/m	Grid 5 M4 24 dBV/m	Grid 6 M4 23.85 dBV/m
Grid 7 M4 19.79 dBV/m	Grid 8 M4 22.08 dBV/m	Grid 9 M4 22.08 dBV/m



0 dB = 22.23 V/m = 26.94 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 18.15 V/m; Power Drift = 0.02 dB

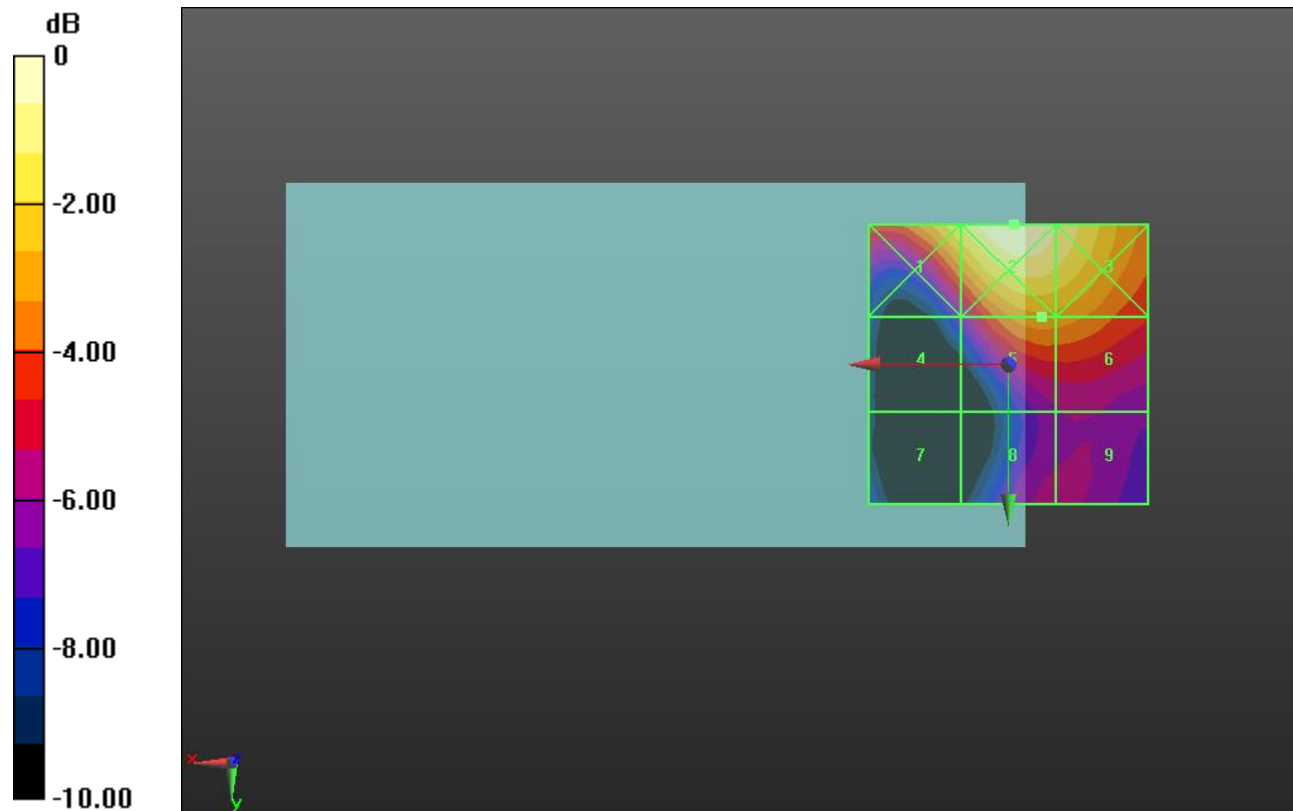
Applied MIF = -1.44 dB

RF audio interference level = 24.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.26 dBV/m	Grid 2 M4 27.48 dBV/m	Grid 3 M4 26.81 dBV/m
Grid 4 M4 21.01 dBV/m	Grid 5 M4 24.66 dBV/m	Grid 6 M4 24.56 dBV/m
Grid 7 M4 19.65 dBV/m	Grid 8 M4 21.69 dBV/m	Grid 9 M4 21.69 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.97 V/m; Power Drift = -0.10 dB

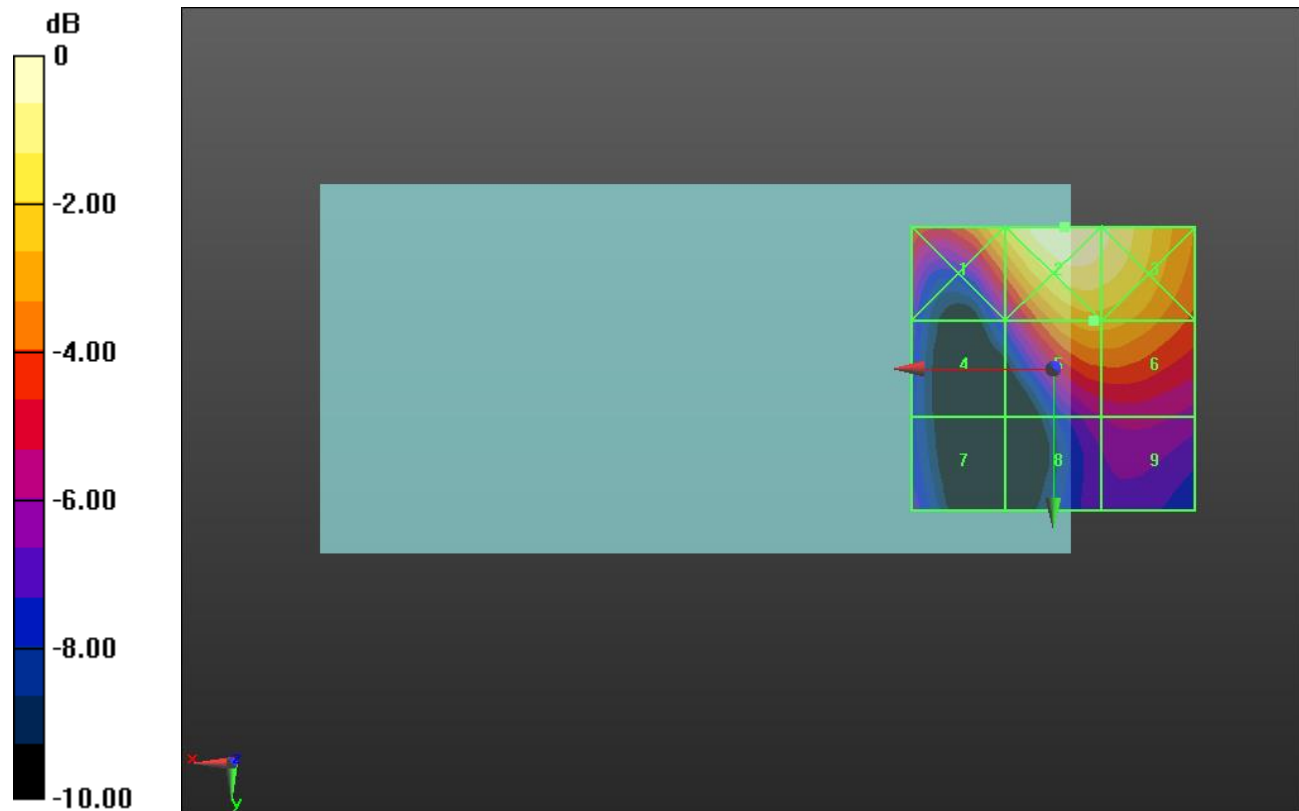
Applied MIF = -1.44 dB

RF audio interference level = 25.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.84 dBV/m	Grid 2 M4 27.42 dBV/m	Grid 3 M4 26.98 dBV/m
Grid 4 M4 20.83 dBV/m	Grid 5 M4 25.15 dBV/m	Grid 6 M4 25.1 dBV/m
Grid 7 M4 20.75 dBV/m	Grid 8 M4 21.44 dBV/m	Grid 9 M4 21.72 dBV/m



0 dB = 23.51 V/m = 27.43 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 = 11.31 V/m; Power Drift = -0.04 dB

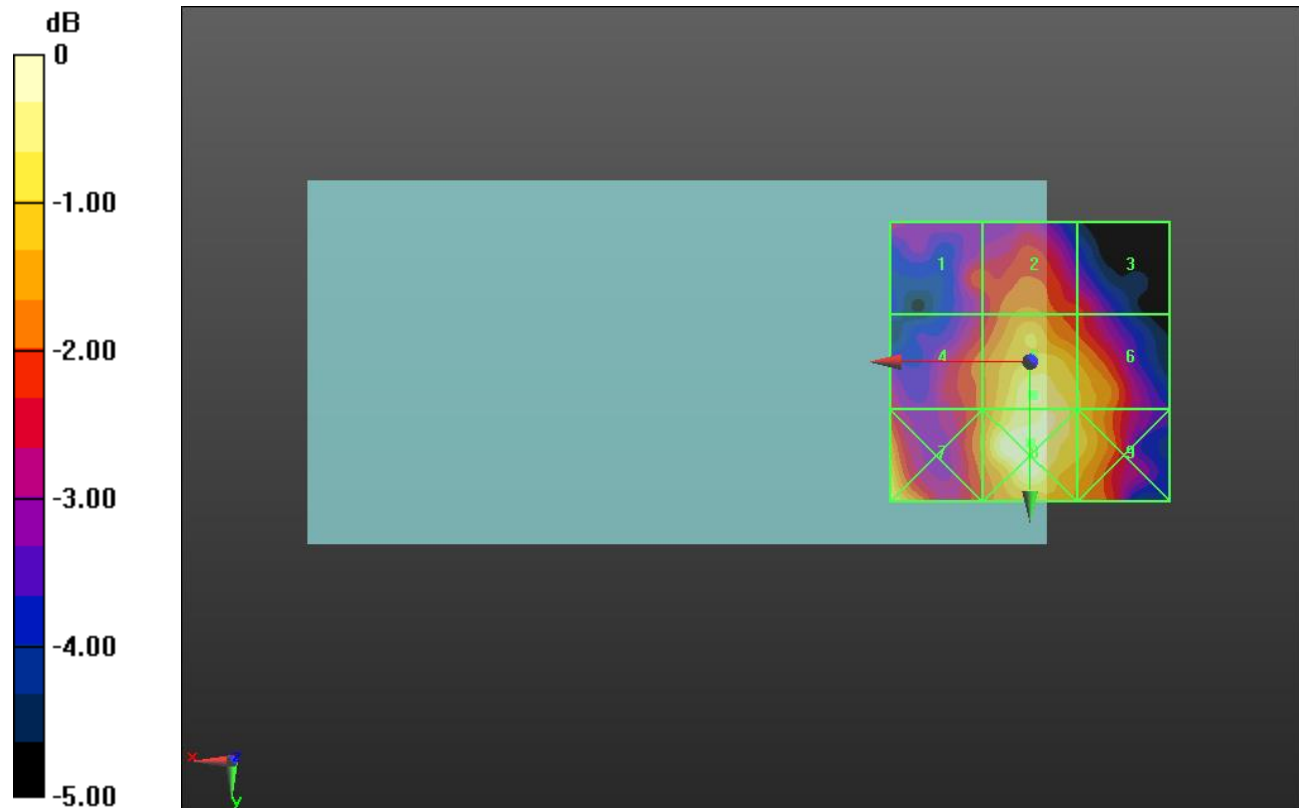
Applied MIF = -2.02 dB

RF audio interference level = 16.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.22 dBV/m	Grid 2 M4 15.73 dBV/m	Grid 3 M4 15.06 dBV/m
Grid 4 M4 15.55 dBV/m	Grid 5 M4 16.97 dBV/m	Grid 6 M4 16.35 dBV/m
Grid 7 M4 16.94 dBV/m	Grid 8 M4 17.26 dBV/m	Grid 9 M4 16.48 dBV/m



0 dB = 7.294 V/m = 17.26 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 = 9.052 V/m; Power Drift = -0.40 dB

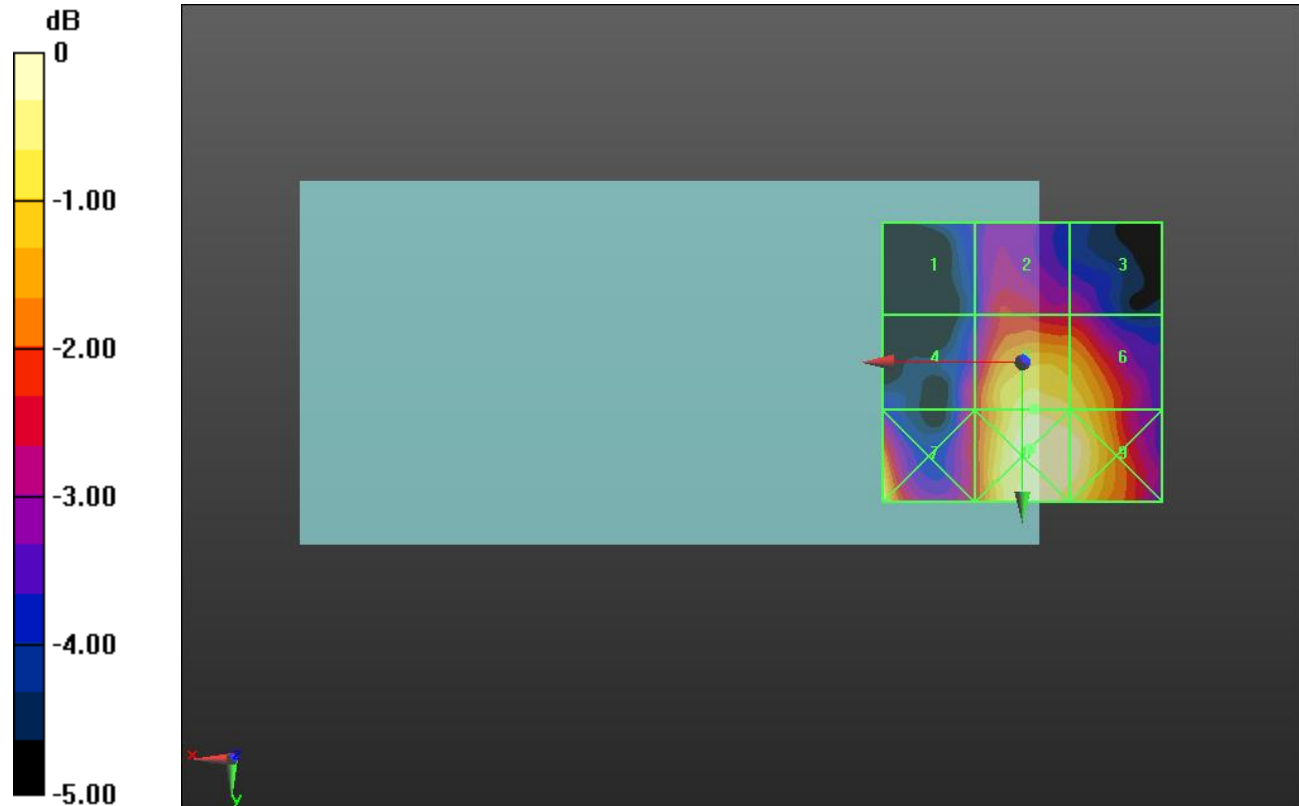
Applied MIF = -2.02 dB

RF audio interference level = 15.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.11 dBV/m	Grid 2 M4 13.35 dBV/m	Grid 3 M4 12.88 dBV/m
Grid 4 M4 13.2 dBV/m	Grid 5 M4 15.2 dBV/m	Grid 6 M4 14.96 dBV/m
Grid 7 M4 15.41 dBV/m	Grid 8 M4 15.58 dBV/m	Grid 9 M4 15.46 dBV/m



0 dB = 6.015 V/m = 15.58 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 = 10.01 V/m; Power Drift = -0.06 dB

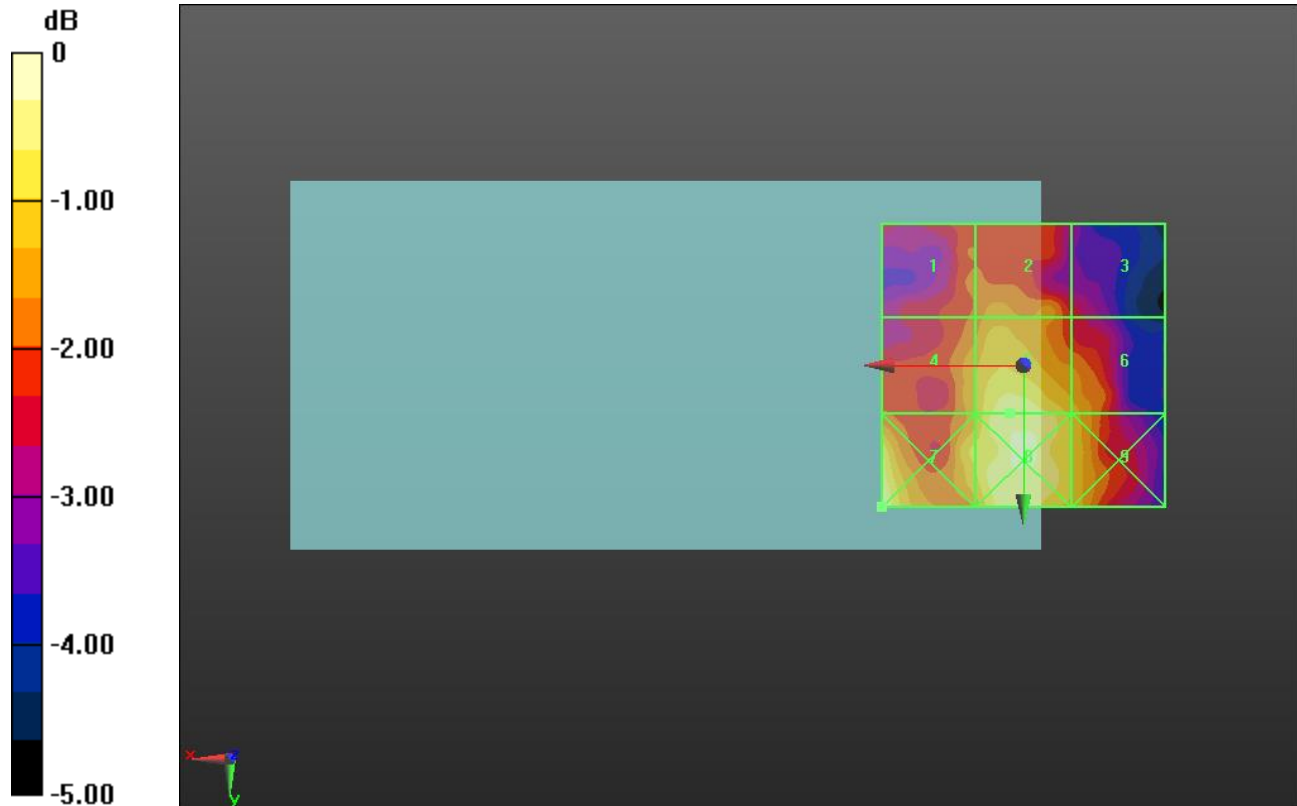
Applied MIF = -2.02 dB

RF audio interference level = 16.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.13 dBV/m	Grid 2 M4 15.54 dBV/m	Grid 3 M4 14.67 dBV/m
Grid 4 M4 15.71 dBV/m	Grid 5 M4 16.55 dBV/m	Grid 6 M4 15.88 dBV/m
Grid 7 M4 16.99 dBV/m	Grid 8 M4 16.86 dBV/m	Grid 9 M4 16 dBV/m



0 dB = 7.074 V/m = 16.99 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 = 10.11 V/m; Power Drift = 0.12 dB

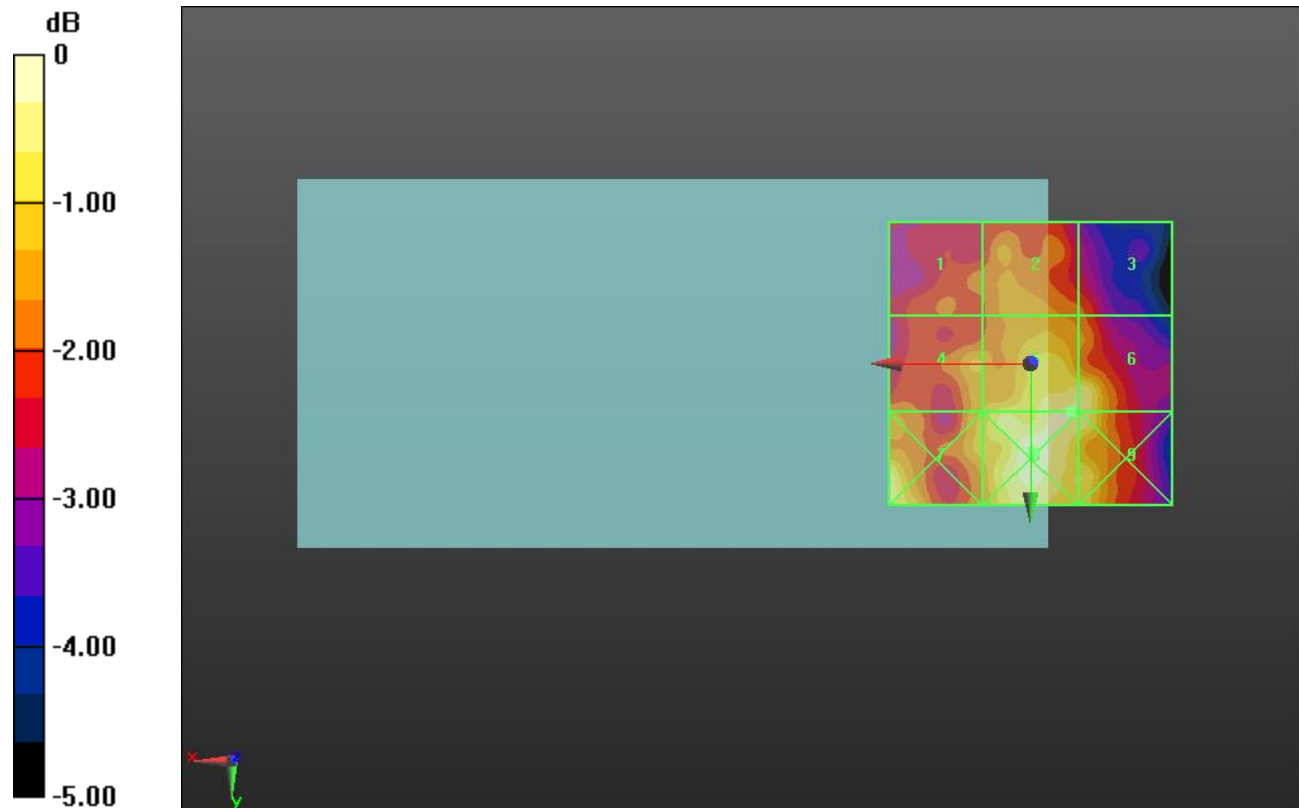
Applied MIF = 0.12 dB

RF audio interference level = 18.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.25 dBV/m	Grid 2 M4 17.65 dBV/m	Grid 3 M4 17.26 dBV/m
Grid 4 M4 17.87 dBV/m	Grid 5 M4 18.81 dBV/m	Grid 6 M4 18.78 dBV/m
Grid 7 M4 18.9 dBV/m	Grid 8 M4 19.1 dBV/m	Grid 9 M4 18.76 dBV/m



0 dB = 9.015 V/m = 19.10 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 = 10.03 V/m; Power Drift = -0.11 dB

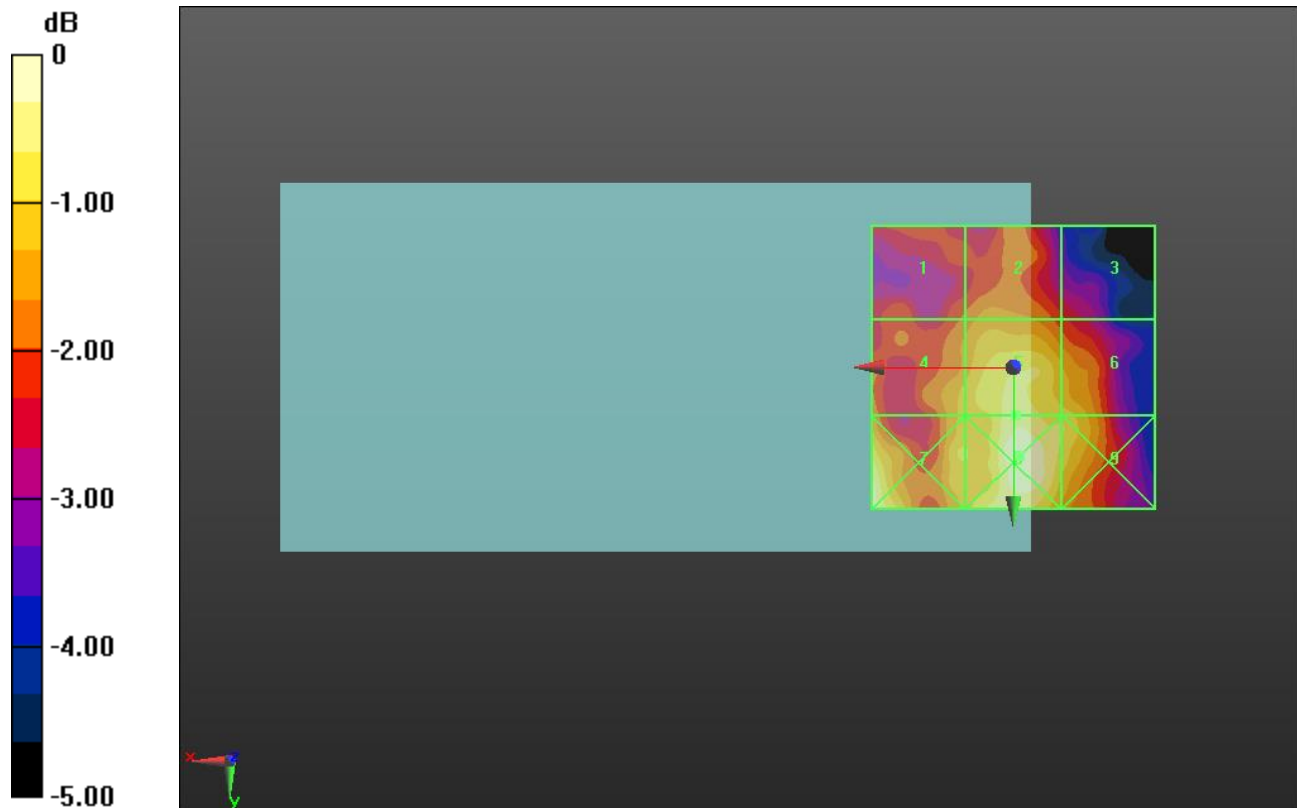
Applied MIF = 0.12 dB

RF audio interference level = 18.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.58 dBV/m	Grid 2 M4 16.99 dBV/m	Grid 3 M4 16.27 dBV/m
Grid 4 M4 17.29 dBV/m	Grid 5 M4 18.03 dBV/m	Grid 6 M4 17.7 dBV/m
Grid 7 M4 18.41 dBV/m	Grid 8 M4 18.47 dBV/m	Grid 9 M4 17.83 dBV/m



0 dB = 8.388 V/m = 18.47 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 = 10.08 V/m; Power Drift = 0.04 dB

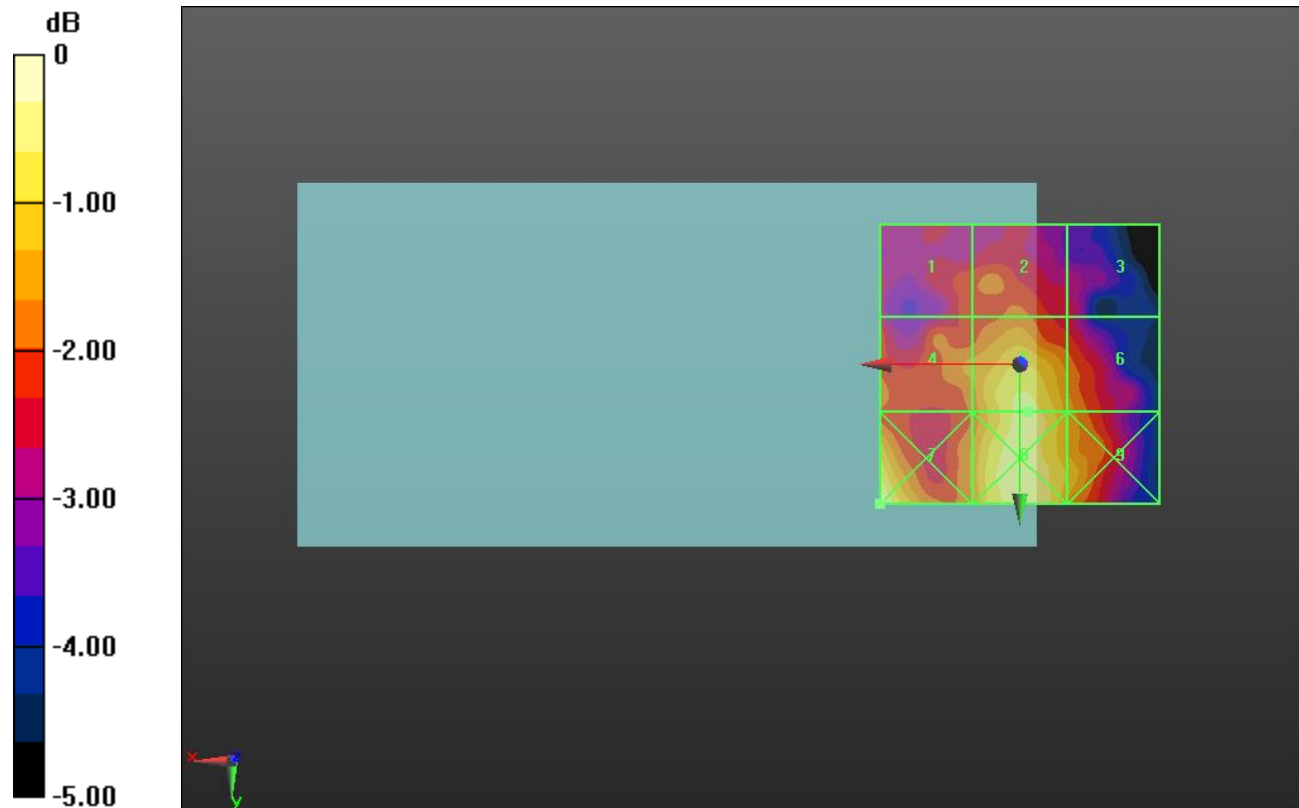
Applied MIF = 0.12 dB

RF audio interference level = 18.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.24 dBV/m	Grid 2 M4 17.46 dBV/m	Grid 3 M4 16.79 dBV/m
Grid 4 M4 17.73 dBV/m	Grid 5 M4 18.73 dBV/m	Grid 6 M4 17.86 dBV/m
Grid 7 M4 19.29 dBV/m	Grid 8 M4 18.89 dBV/m	Grid 9 M4 18.27 dBV/m



0 dB = 9.219 V/m = 19.29 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.64 V/m; Power Drift = -0.06 dB

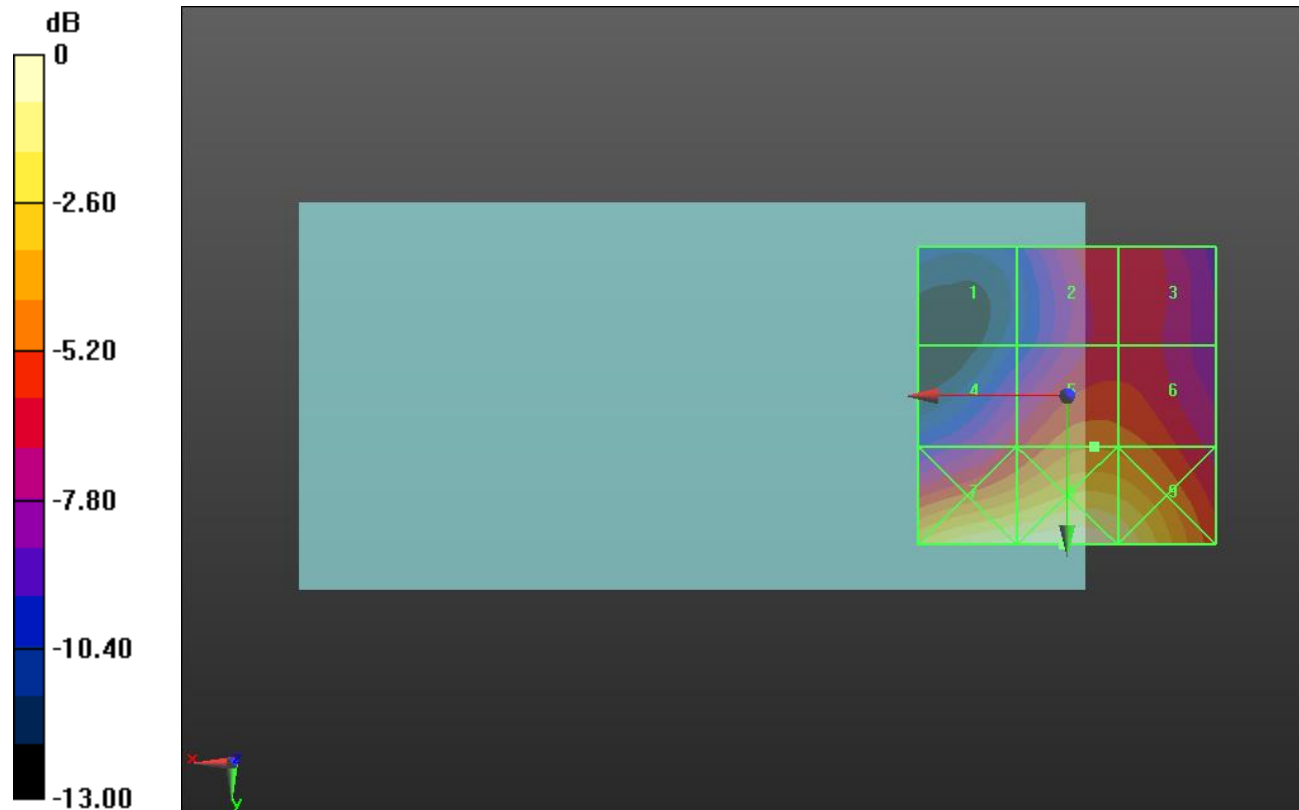
Applied MIF = 3.63 dB

RF audio interference level = 29.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.35 dBV/m	Grid 2 M4 28.1 dBV/m	Grid 3 M4 28.1 dBV/m
Grid 4 M4 27.91 dBV/m	Grid 5 M4 29.8 dBV/m	Grid 6 M4 29.64 dBV/m
Grid 7 M3 33.83 dBV/m	Grid 8 M3 34.2 dBV/m	Grid 9 M3 33.37 dBV/m



0 dB = 51.28 V/m = 34.20 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 = 21.83 V/m; Power Drift = -0.05 dB

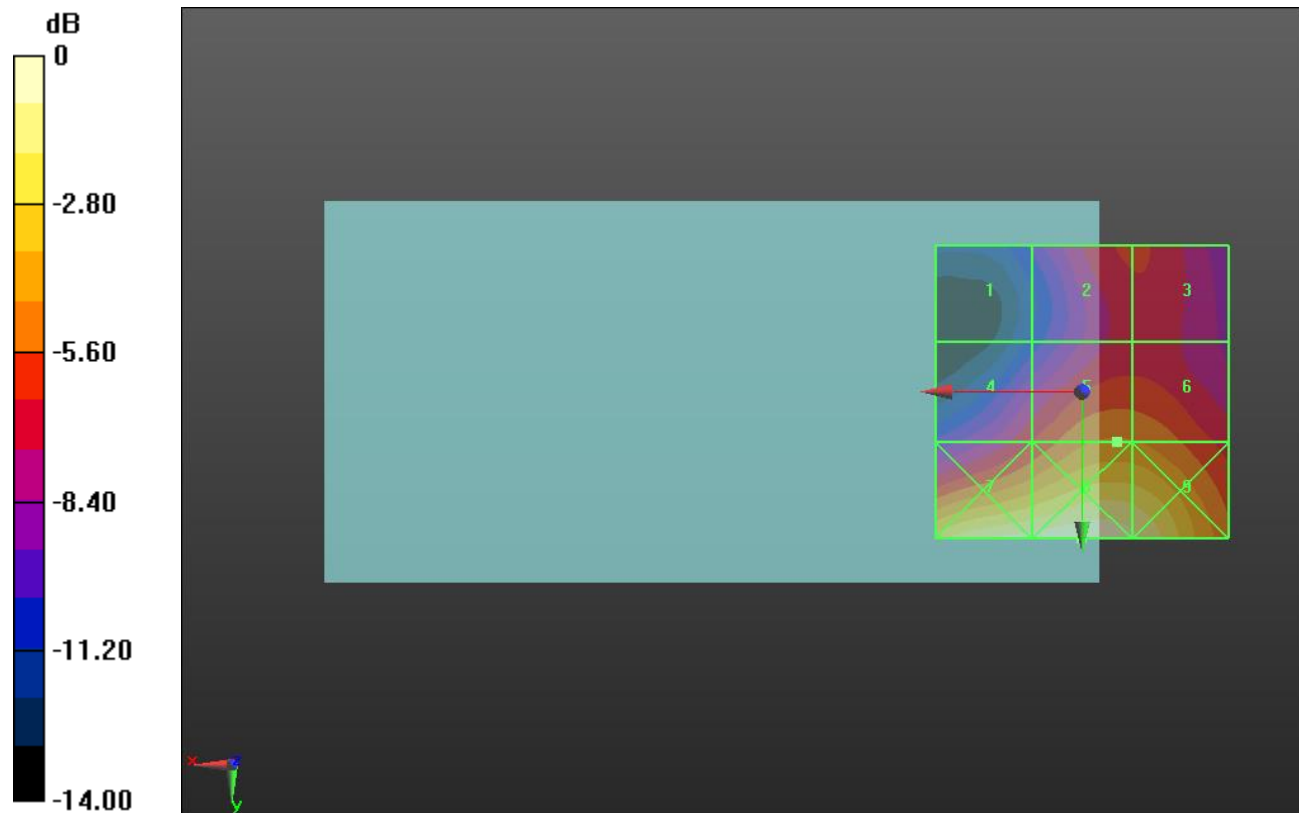
Applied MIF = 3.63 dB

RF audio interference level = 29.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.37 dBV/m	Grid 2 M4 27.91 dBV/m	Grid 3 M4 27.91 dBV/m
Grid 4 M4 27.77 dBV/m	Grid 5 M4 29.76 dBV/m	Grid 6 M4 29.69 dBV/m
Grid 7 M3 33.86 dBV/m	Grid 8 M3 34.27 dBV/m	Grid 9 M3 33.62 dBV/m



0 dB = 51.70 V/m = 34.27 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 = 20.72 V/m; Power Drift = -0.04 dB

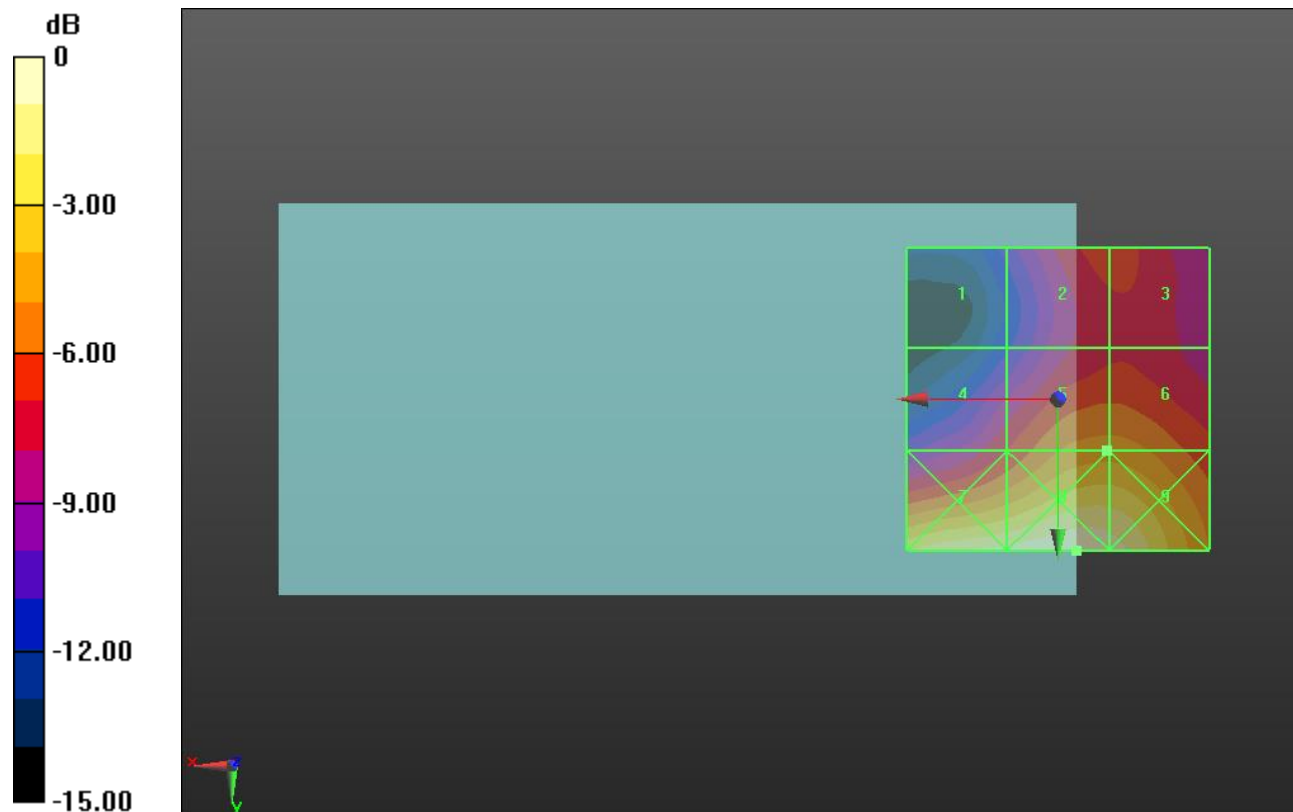
Applied MIF = 3.63 dB

RF audio interference level = 29.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.59 dBV/m	Grid 2 M4 27.46 dBV/m	Grid 3 M4 27.45 dBV/m
Grid 4 M4 27.12 dBV/m	Grid 5 M4 29.65 dBV/m	Grid 6 M4 29.65 dBV/m
Grid 7 M3 33.44 dBV/m	Grid 8 M3 34.08 dBV/m	Grid 9 M3 33.63 dBV/m



0 dB = 50.56 V/m = 34.08 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 = 14.97 V/m; Power Drift = -0.06 dB

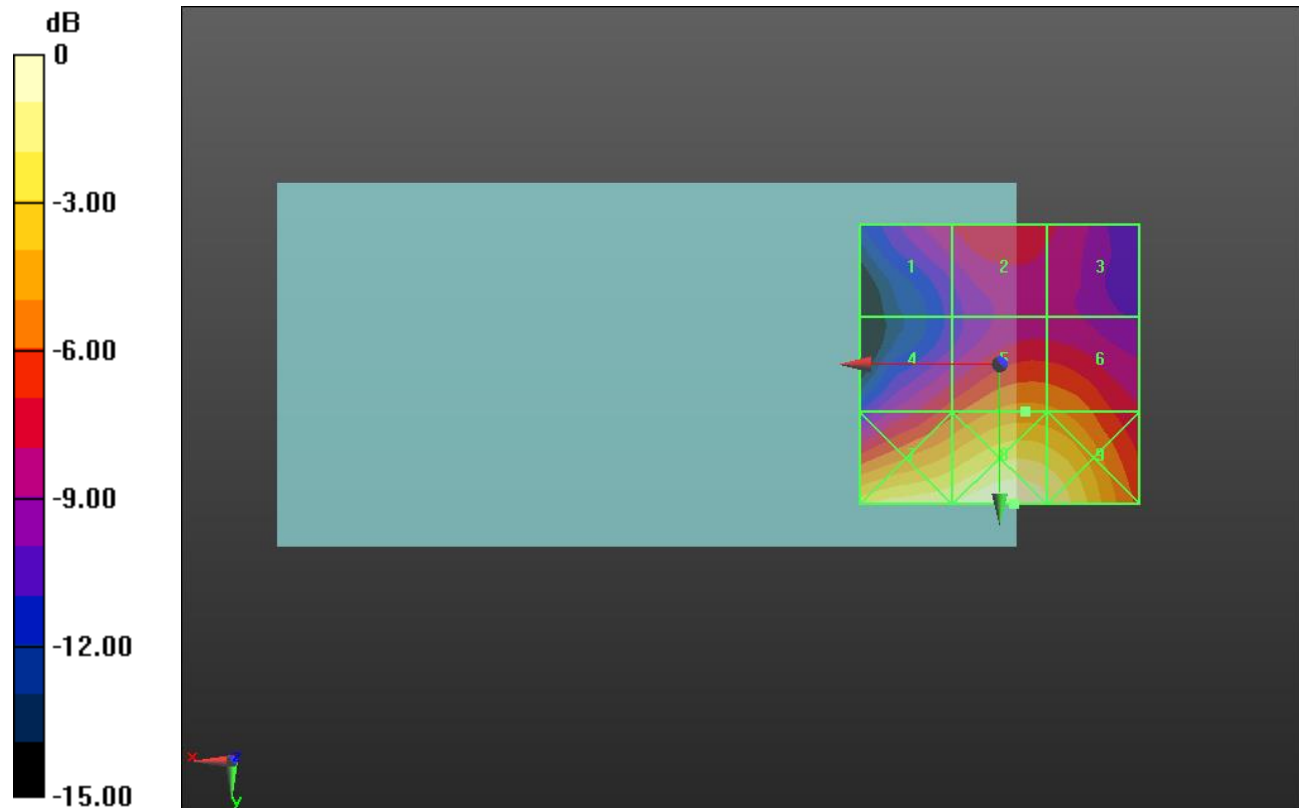
Applied MIF = -1.44 dB

RF audio interference level = 21.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.17 dBV/m	Grid 2 M4 19 dBV/m	Grid 3 M4 18.46 dBV/m
Grid 4 M4 19.82 dBV/m	Grid 5 M4 21.6 dBV/m	Grid 6 M4 21.45 dBV/m
Grid 7 M4 25.3 dBV/m	Grid 8 M4 26.15 dBV/m	Grid 9 M4 25.37 dBV/m



0 dB = 20.29 V/m = 26.15 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 = 16.87 V/m; Power Drift = 0.00 dB

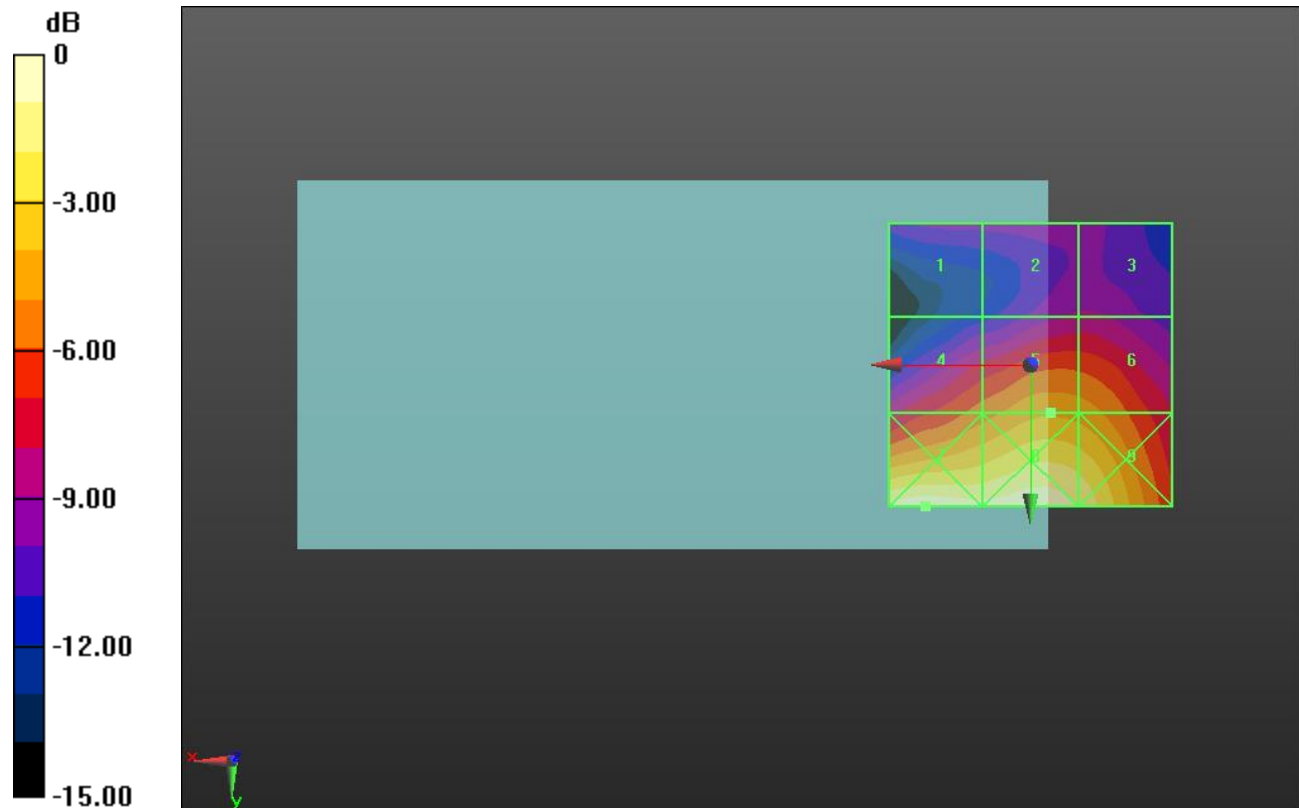
Applied MIF = -1.44 dB

RF audio interference level = 22.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.02 dBV/m	Grid 2 M4 17.75 dBV/m	Grid 3 M4 17.77 dBV/m
Grid 4 M4 21.07 dBV/m	Grid 5 M4 22.39 dBV/m	Grid 6 M4 22.15 dBV/m
Grid 7 M4 26.52 dBV/m	Grid 8 M4 26.27 dBV/m	Grid 9 M4 25.41 dBV/m



0 dB = 21.19 V/m = 26.52 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 = 16.50 V/m; Power Drift = -0.05 dB

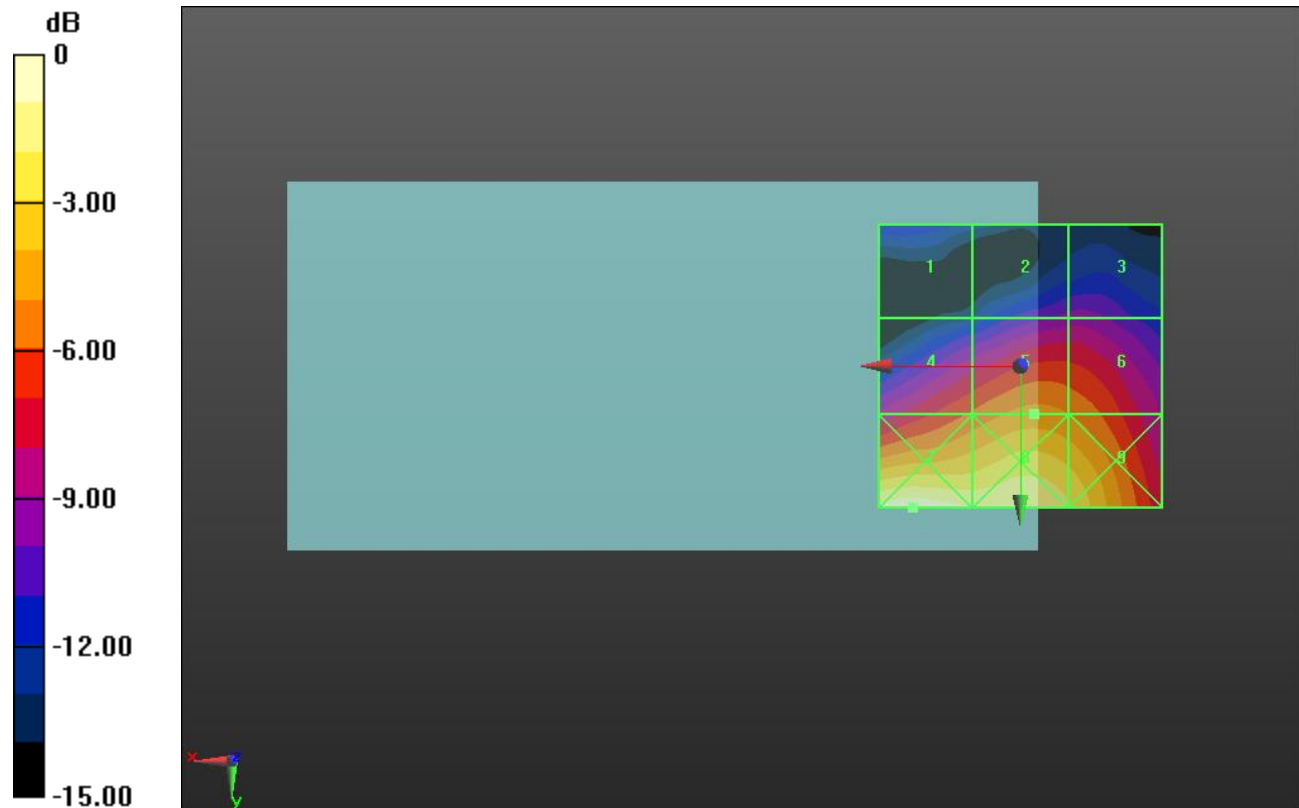
Applied MIF = -1.44 dB

RF audio interference level = 21.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.57 dBV/m	Grid 2 M4 17.03 dBV/m	Grid 3 M4 17.1 dBV/m
Grid 4 M4 20.77 dBV/m	Grid 5 M4 21.98 dBV/m	Grid 6 M4 21.62 dBV/m
Grid 7 M4 26.57 dBV/m	Grid 8 M4 25.73 dBV/m	Grid 9 M4 24.68 dBV/m



0 dB = 21.30 V/m = 26.57 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

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

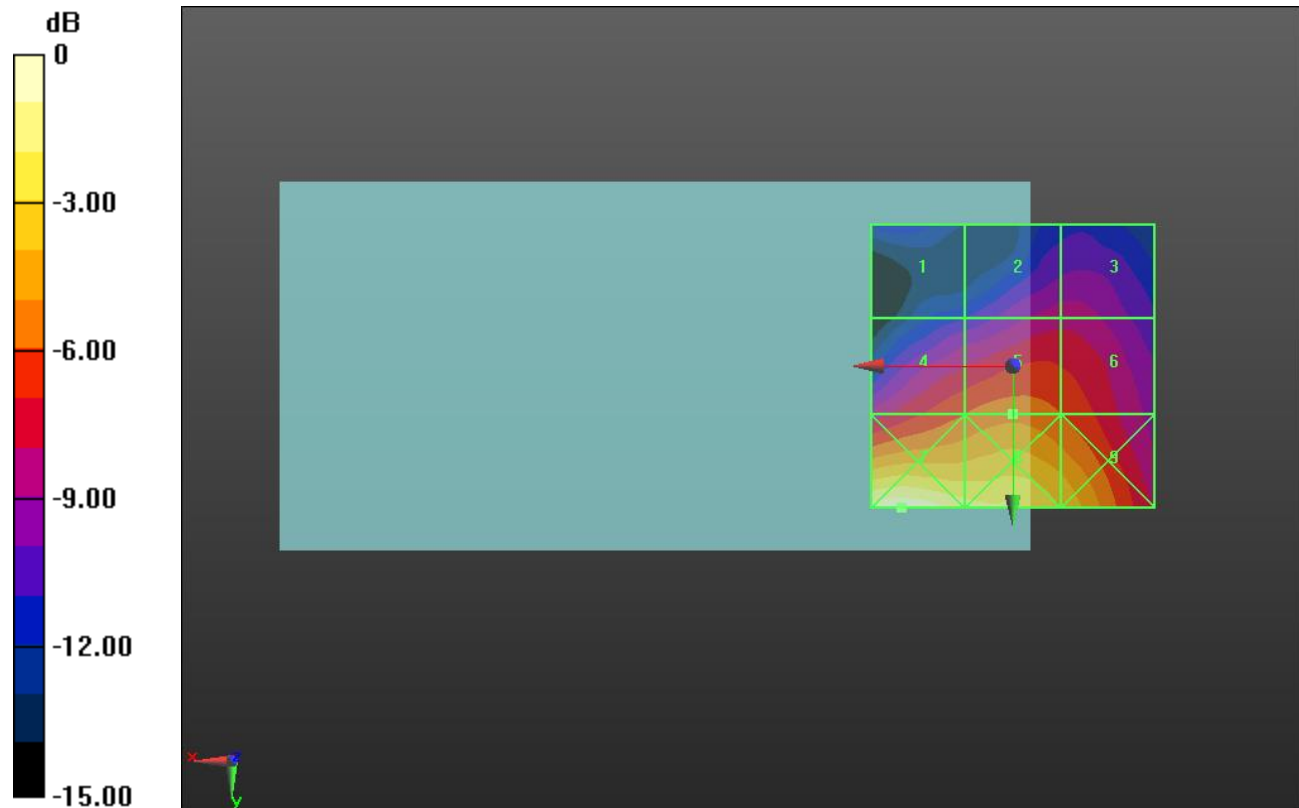
Applied MIF = -1.44 dB

RF audio interference level = 21.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.87 dBV/m	Grid 2 M4 18.47 dBV/m	Grid 3 M4 18.5 dBV/m
Grid 4 M4 20.89 dBV/m	Grid 5 M4 21.57 dBV/m	Grid 6 M4 20.91 dBV/m
Grid 7 M4 26.86 dBV/m	Grid 8 M4 25.53 dBV/m	Grid 9 M4 23.82 dBV/m



0 dB = 22.04 V/m = 26.86 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.65 V/m; Power Drift = -0.03 dB

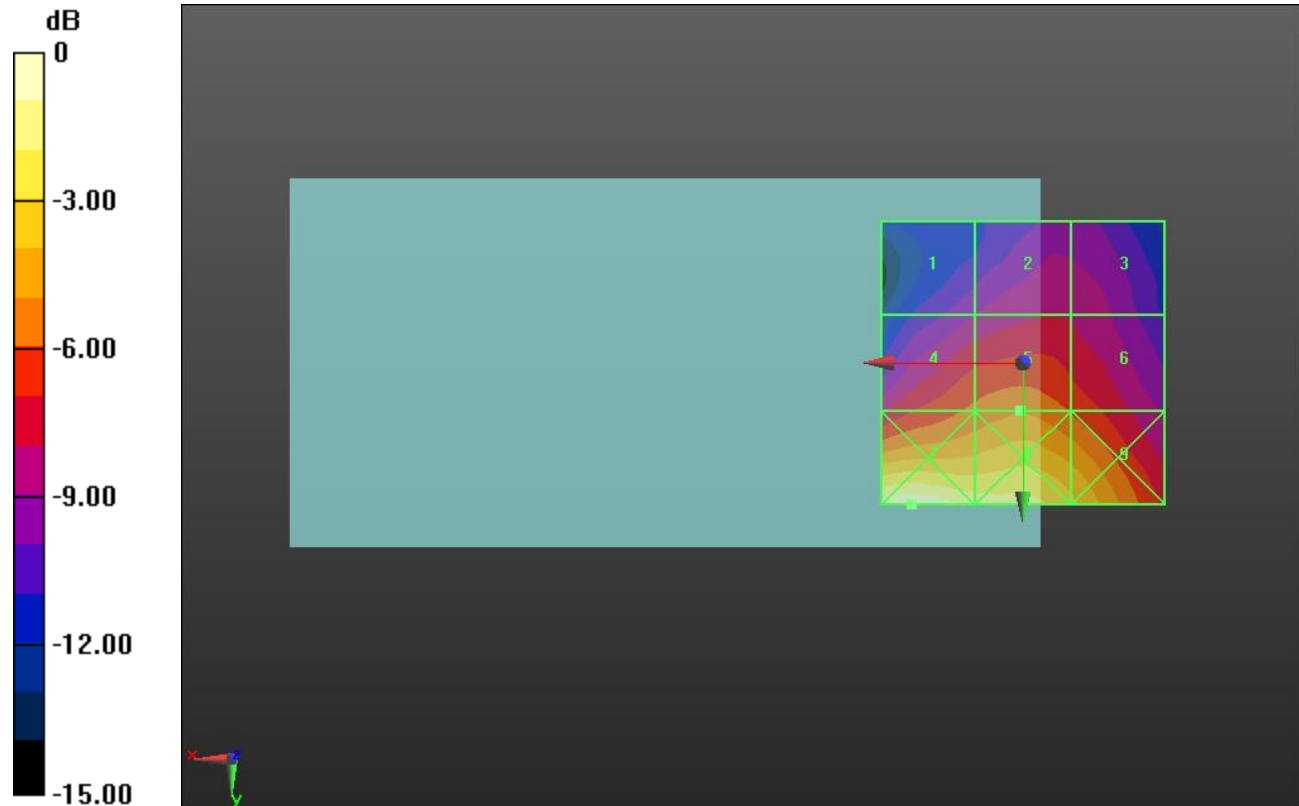
Applied MIF = -1.44 dB

RF audio interference level = 22.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.1 dBV/m	Grid 2 M4 19.14 dBV/m	Grid 3 M4 19.06 dBV/m
Grid 4 M4 21.41 dBV/m	Grid 5 M4 22.04 dBV/m	Grid 6 M4 21.05 dBV/m
Grid 7 M4 27.12 dBV/m	Grid 8 M4 25.92 dBV/m	Grid 9 M4 24.42 dBV/m



0 dB = 22.70 V/m = 27.12 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 = 25.56 V/m; Power Drift = -0.00 dB

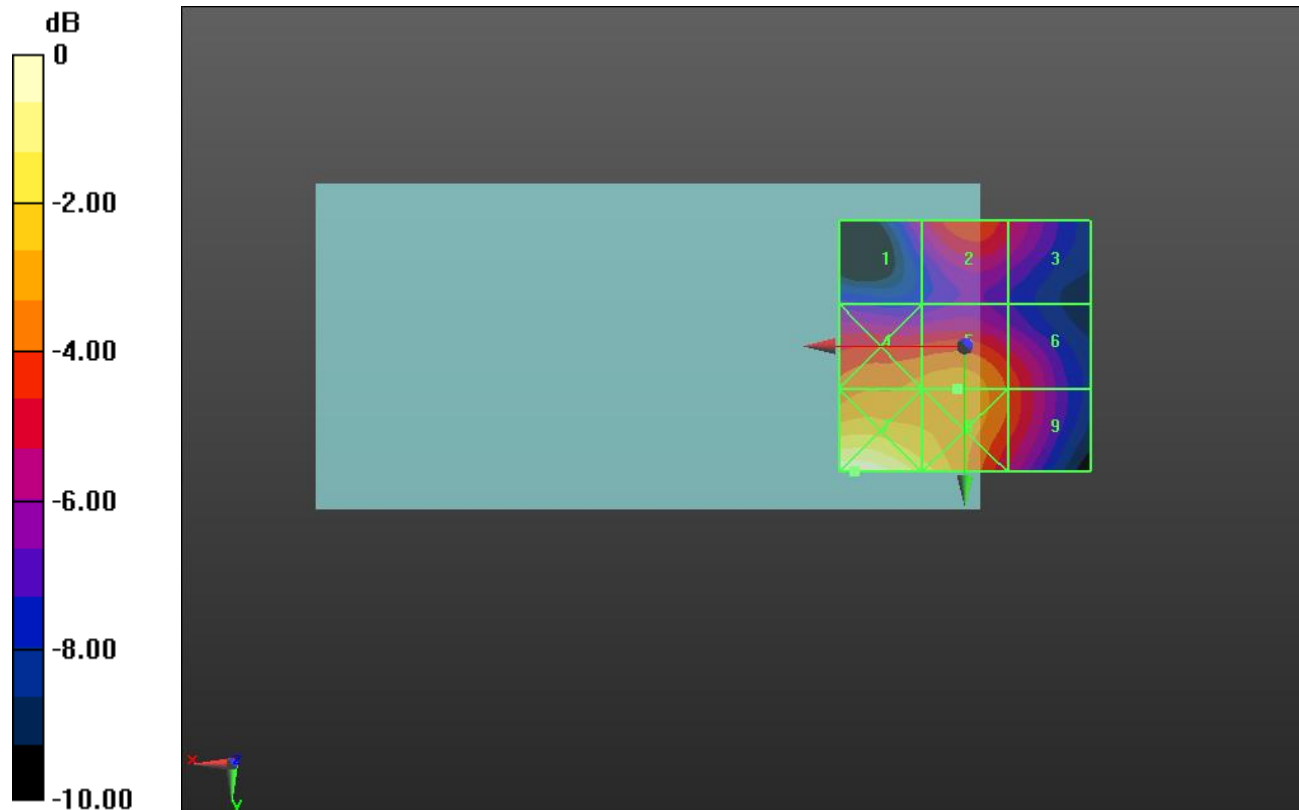
Applied MIF = -1.44 dB

RF audio interference level = 24.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.18 dBV/m	Grid 2 M4 23.58 dBV/m	Grid 3 M4 22.62 dBV/m
Grid 4 M4 24.55 dBV/m	Grid 5 M4 24.8 dBV/m	Grid 6 M4 23.62 dBV/m
Grid 7 M4 27.67 dBV/m	Grid 8 M4 26.12 dBV/m	Grid 9 M4 23.67 dBV/m



0 dB = 24.19 V/m = 27.67 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 = 26.80 V/m; Power Drift = -0.03 dB

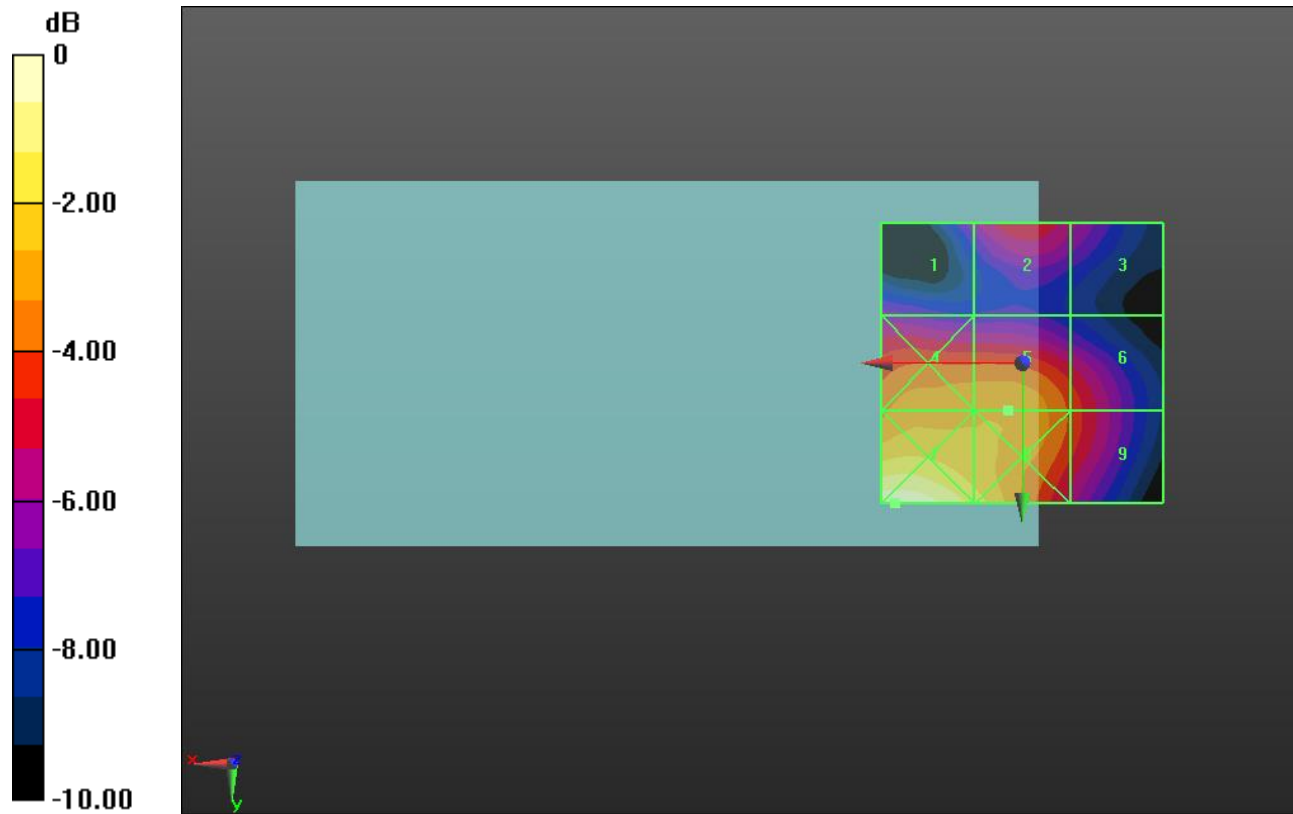
Applied MIF = -1.44 dB

RF audio interference level = 25.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.86 dBV/m	Grid 2 M4 23.22 dBV/m	Grid 3 M4 22.15 dBV/m
Grid 4 M4 25.08 dBV/m	Grid 5 M4 25.13 dBV/m	Grid 6 M4 23.75 dBV/m
Grid 7 M4 27.88 dBV/m	Grid 8 M4 26.32 dBV/m	Grid 9 M4 23.77 dBV/m



0 dB = 24.77 V/m = 27.88 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 26.72 V/m; Power Drift = 0.02 dB

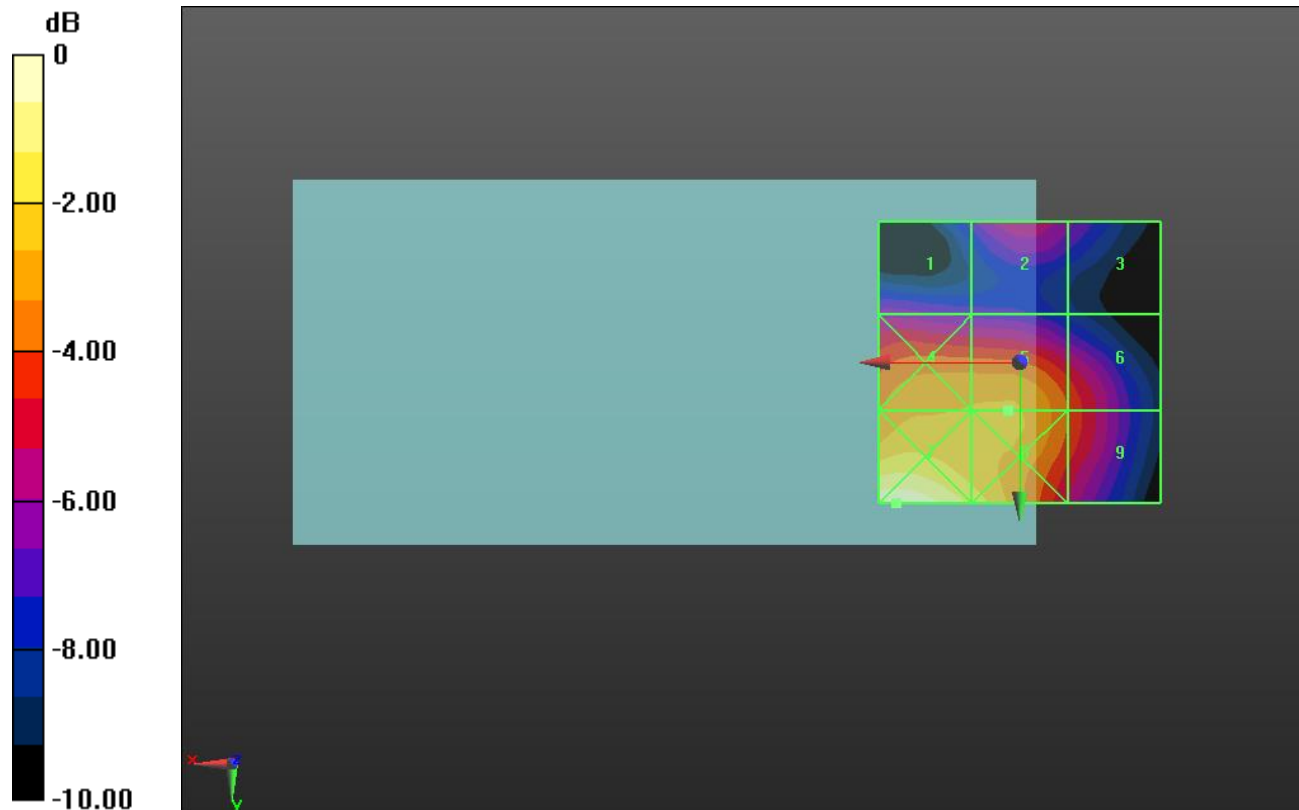
Applied MIF = -1.44 dB

RF audio interference level = 25.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.49 dBV/m	Grid 2 M4 22.26 dBV/m	Grid 3 M4 21.28 dBV/m
Grid 4 M4 25.06 dBV/m	Grid 5 M4 25.13 dBV/m	Grid 6 M4 23.68 dBV/m
Grid 7 M4 27.68 dBV/m	Grid 8 M4 26.19 dBV/m	Grid 9 M4 23.69 dBV/m



0 dB = 24.22 V/m = 27.68 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.16 V/m; Power Drift = -0.02 dB

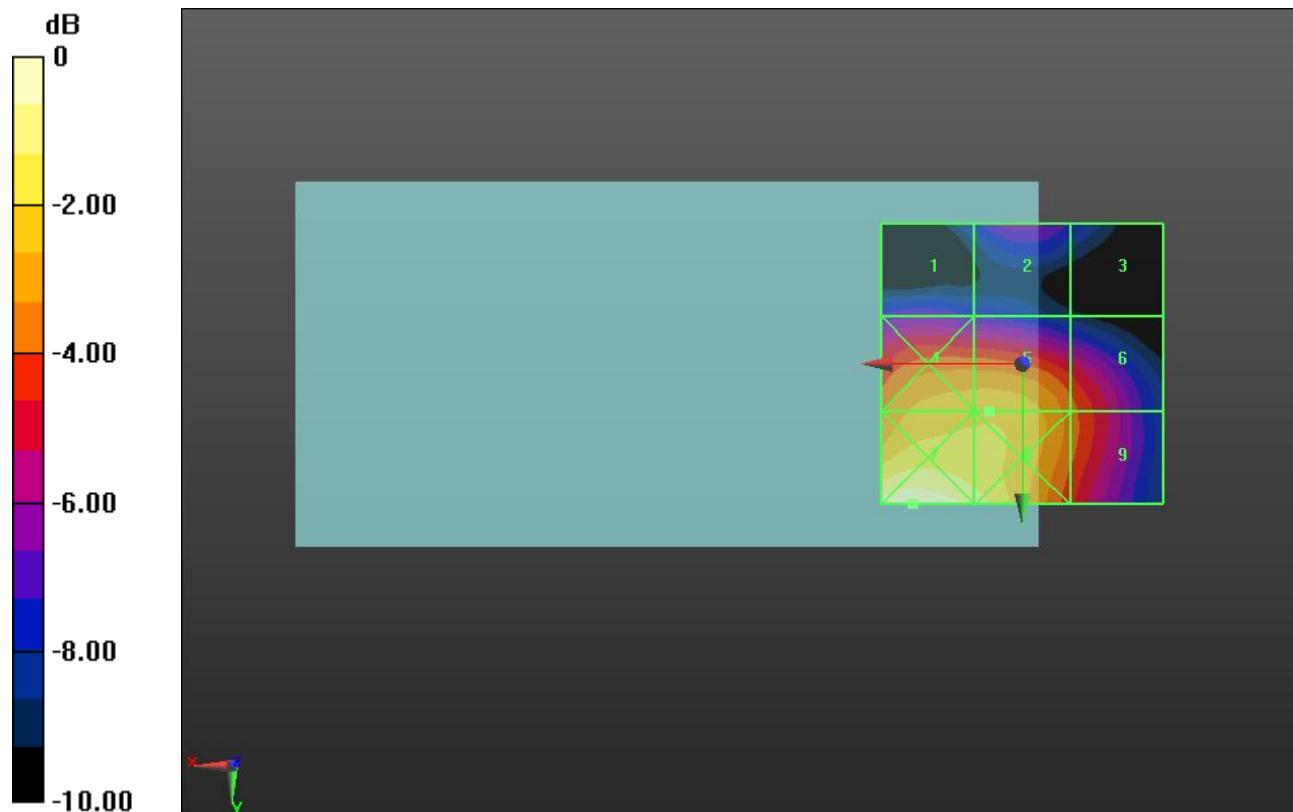
Applied MIF = -1.44 dB

RF audio interference level = 25.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.68 dBV/m	Grid 2 M4 21.07 dBV/m	Grid 3 M4 19.99 dBV/m
Grid 4 M4 25.14 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 23.66 dBV/m
Grid 7 M4 27.34 dBV/m	Grid 8 M4 26.43 dBV/m	Grid 9 M4 23.75 dBV/m



0 dB = 23.28 V/m = 27.34 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 = 11.82 V/m; Power Drift = -0.07 dB

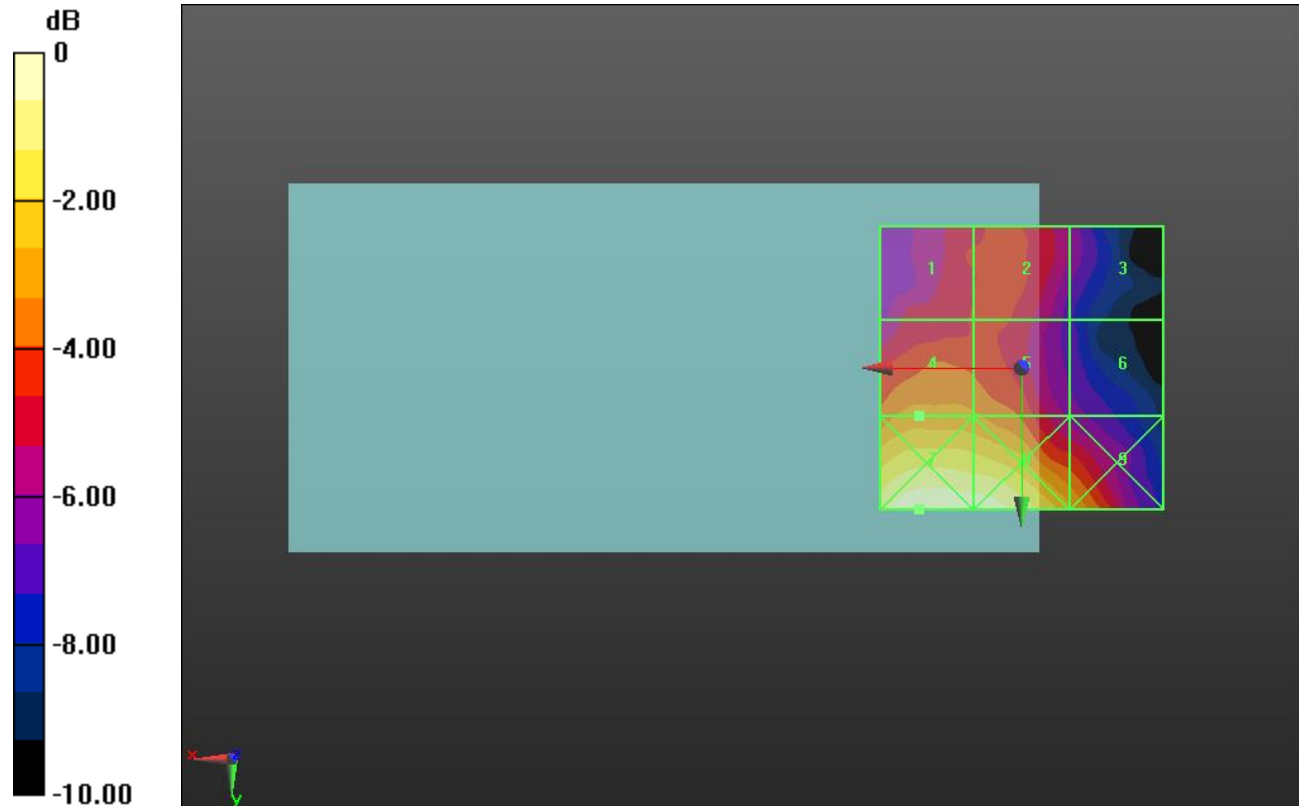
Applied MIF = -2.02 dB

RF audio interference level = 19.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.01 dBV/m	Grid 2 M4 18.2 dBV/m	Grid 3 M4 16.59 dBV/m
Grid 4 M4 19.59 dBV/m	Grid 5 M4 19.42 dBV/m	Grid 6 M4 16.43 dBV/m
Grid 7 M4 22.6 dBV/m	Grid 8 M4 22.51 dBV/m	Grid 9 M4 20.15 dBV/m



0 dB = 13.49 V/m = 22.60 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 = 9.393 V/m; Power Drift = -0.04 dB

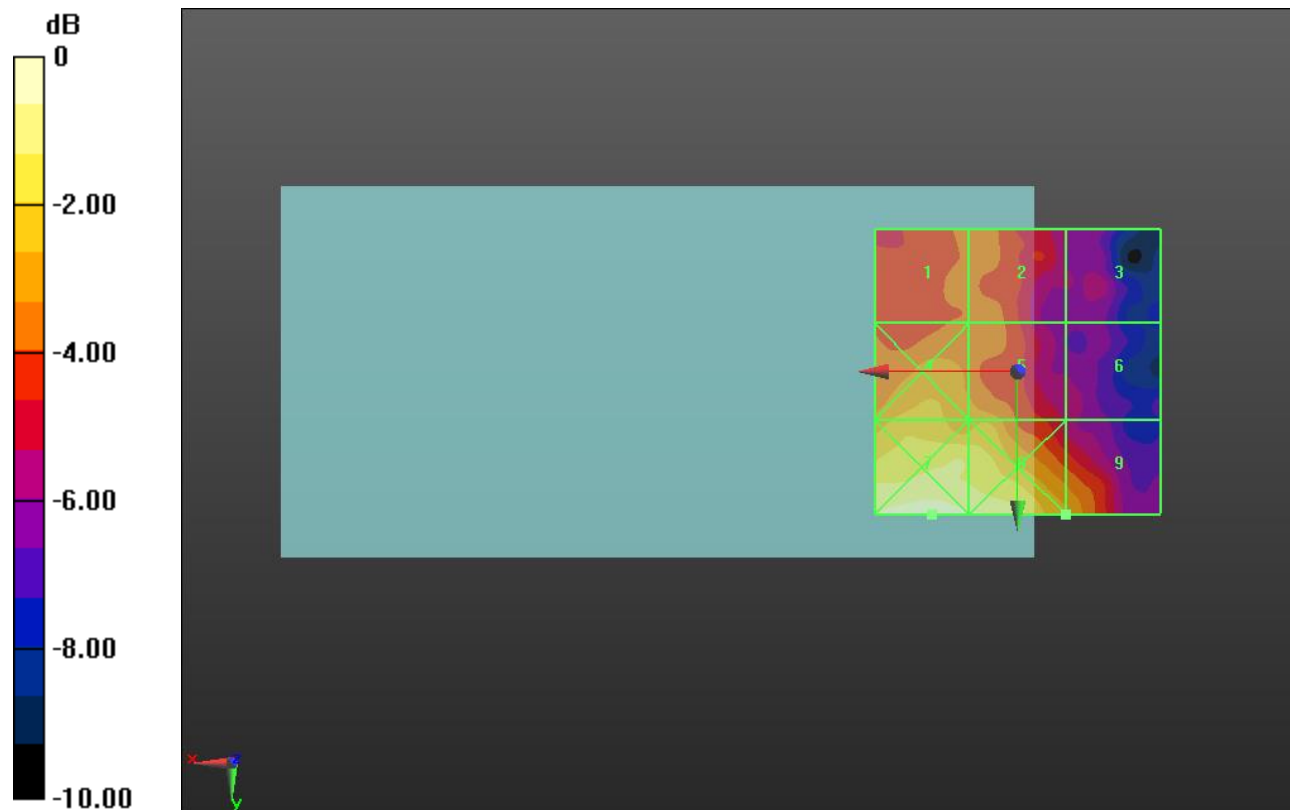
Applied MIF = -2.02 dB

RF audio interference level = 17.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.68 dBV/m	Grid 2 M4 16.82 dBV/m	Grid 3 M4 14.68 dBV/m
Grid 4 M4 17.92 dBV/m	Grid 5 M4 17.5 dBV/m	Grid 6 M4 14.77 dBV/m
Grid 7 M4 20.27 dBV/m	Grid 8 M4 19.75 dBV/m	Grid 9 M4 17.69 dBV/m



0 dB = 10.31 V/m = 20.27 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 = 9.386 V/m; Power Drift = -0.04 dB

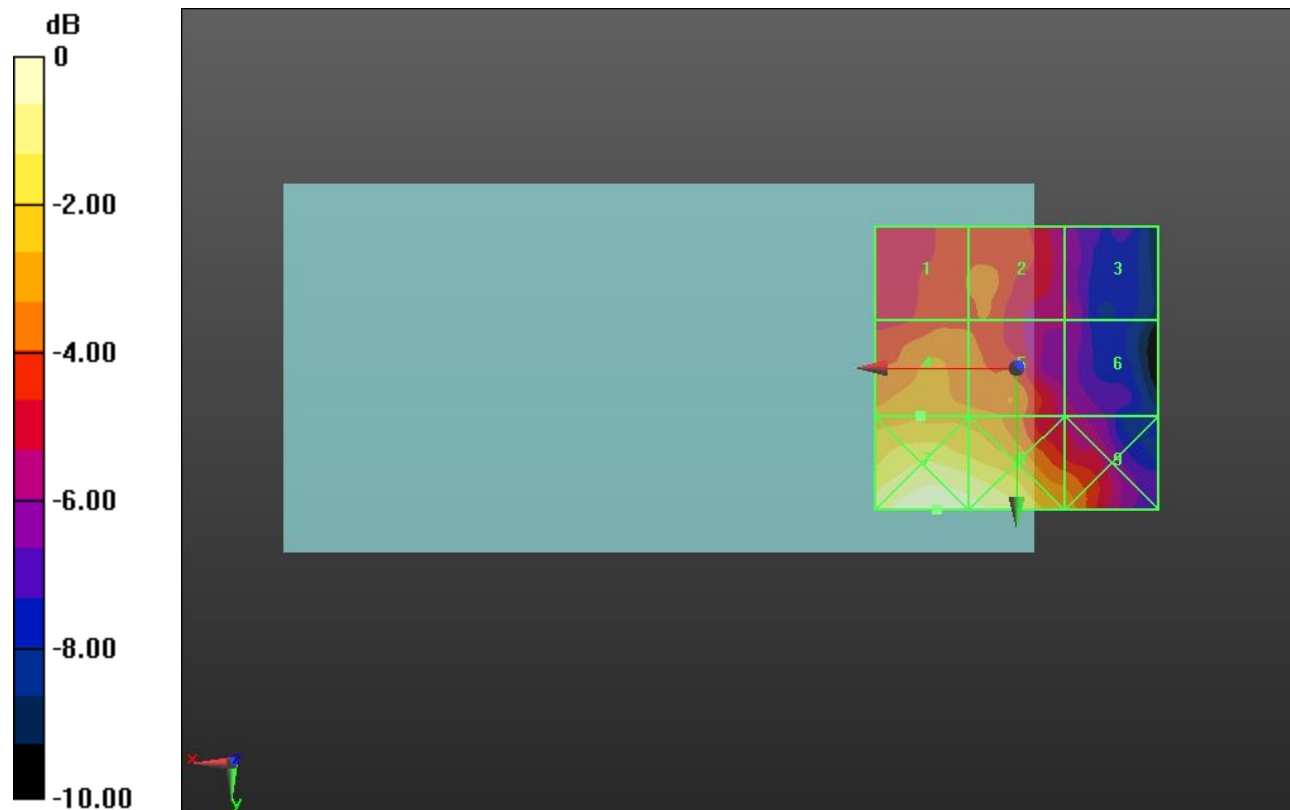
Applied MIF = -2.02 dB

RF audio interference level = 17.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.22 dBV/m	Grid 2 M4 16.53 dBV/m	Grid 3 M4 14.39 dBV/m
Grid 4 M4 17.44 dBV/m	Grid 5 M4 17.2 dBV/m	Grid 6 M4 14.65 dBV/m
Grid 7 M4 20.18 dBV/m	Grid 8 M4 19.9 dBV/m	Grid 9 M4 17.45 dBV/m



0 dB = 10.21 V/m = 20.18 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 = 9.856 V/m; Power Drift = -0.10 dB

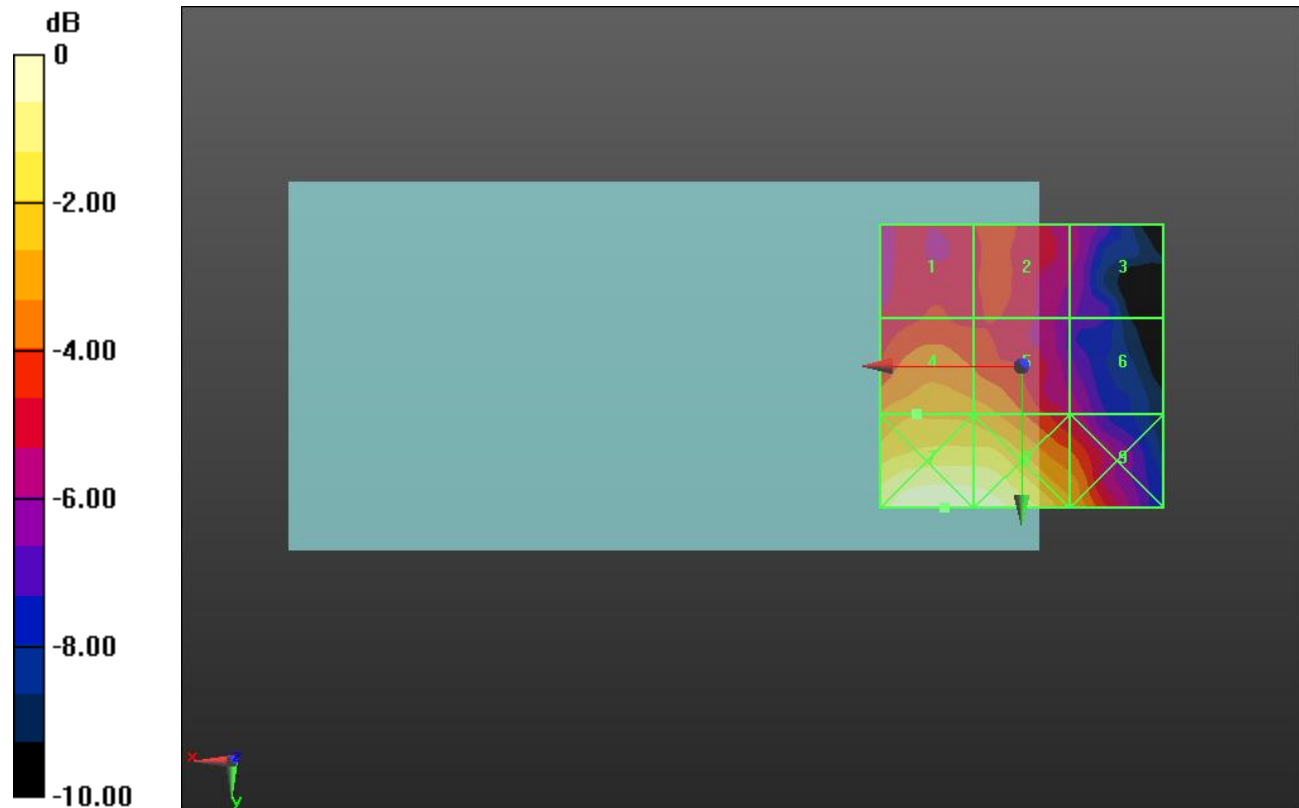
Applied MIF = 0.12 dB

RF audio interference level = 20.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.48 dBV/m	Grid 2 M4 18.85 dBV/m	Grid 3 M4 17.37 dBV/m
Grid 4 M4 20.24 dBV/m	Grid 5 M4 20.05 dBV/m	Grid 6 M4 17.6 dBV/m
Grid 7 M4 22.98 dBV/m	Grid 8 M4 22.84 dBV/m	Grid 9 M4 20.57 dBV/m



0 dB = 14.09 V/m = 22.98 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 = 8.715 V/m; Power Drift = -0.06 dB

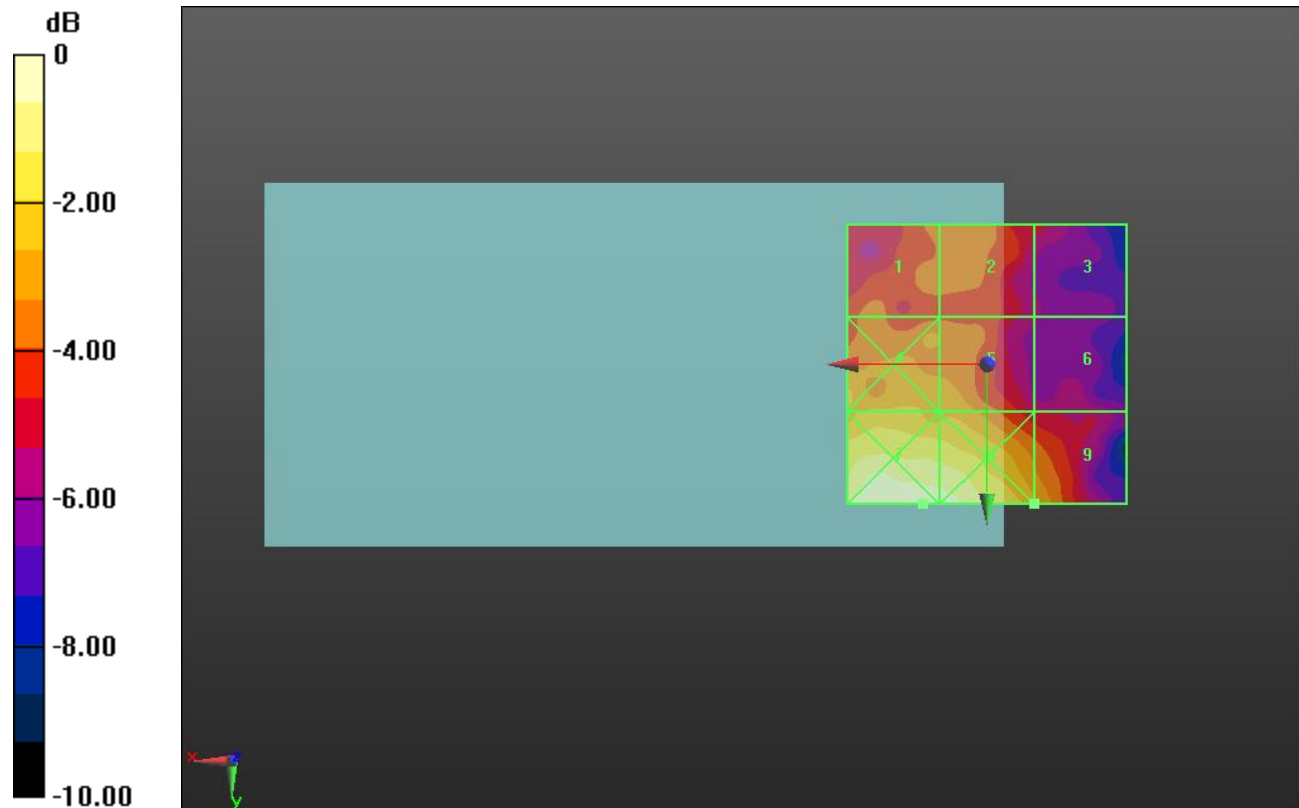
Applied MIF = 0.12 dB

RF audio interference level = 19.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.25 dBV/m	Grid 2 M4 18.2 dBV/m	Grid 3 M4 16.8 dBV/m
Grid 4 M4 19.29 dBV/m	Grid 5 M4 18.96 dBV/m	Grid 6 M4 16.55 dBV/m
Grid 7 M4 21.73 dBV/m	Grid 8 M4 21.58 dBV/m	Grid 9 M4 19.27 dBV/m



0 dB = 12.20 V/m = 21.73 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 = 9.652 V/m; Power Drift = -0.15 dB

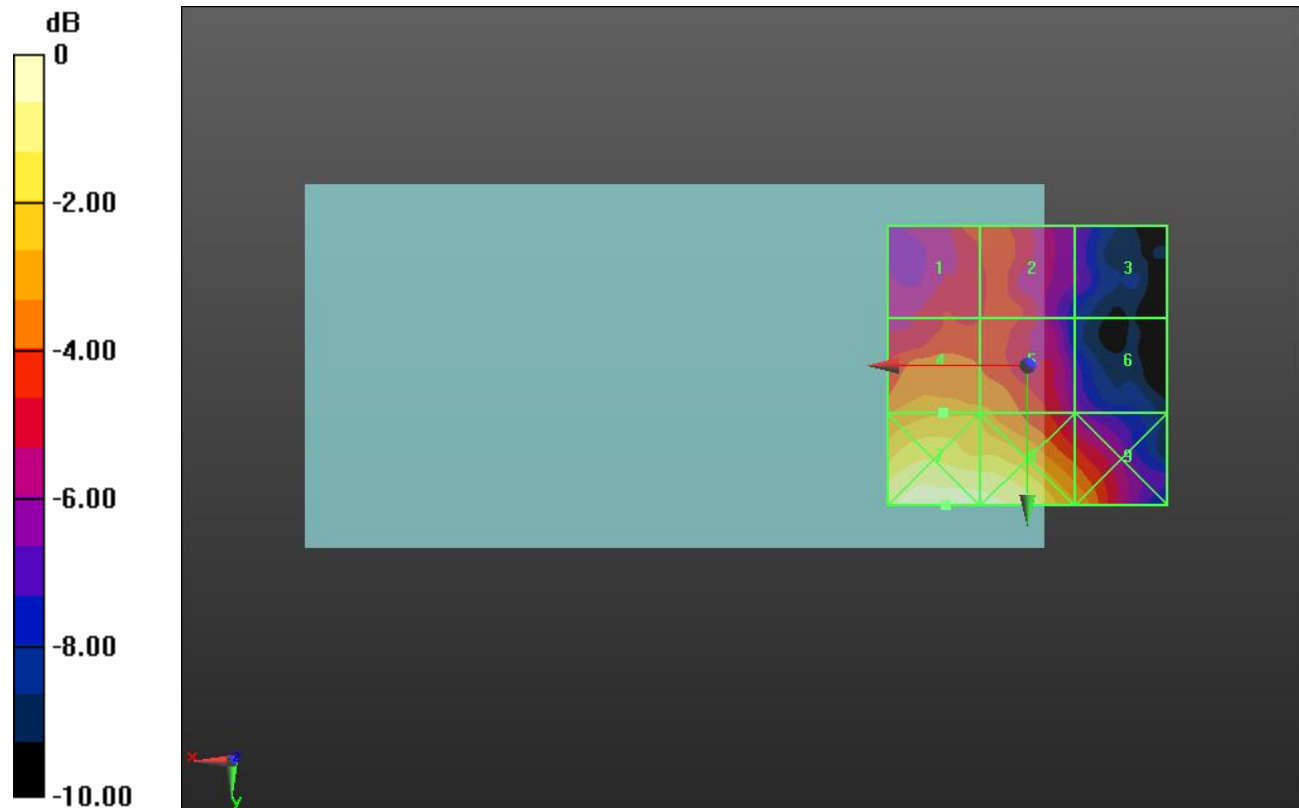
Applied MIF = 0.12 dB

RF audio interference level = 19.89 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.36 dBV/m	Grid 2 M4 18.59 dBV/m	Grid 3 M4 16.19 dBV/m
Grid 4 M4 19.89 dBV/m	Grid 5 M4 19.67 dBV/m	Grid 6 M4 16.51 dBV/m
Grid 7 M4 22.63 dBV/m	Grid 8 M4 22.4 dBV/m	Grid 9 M4 20.11 dBV/m



0 dB = 13.53 V/m = 22.63 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 = 7.605 V/m; Power Drift = -0.35 dB

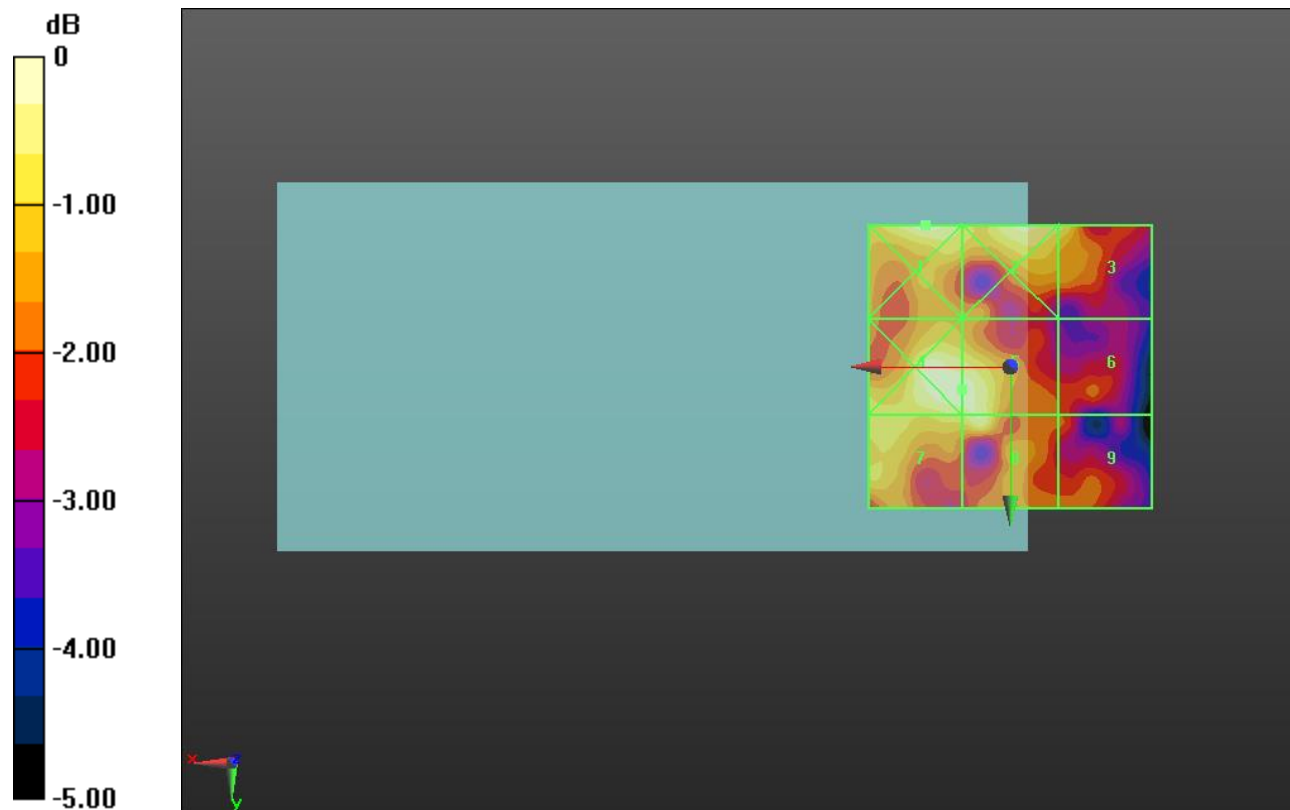
Applied MIF = -5.82 dB

RF audio interference level = 10.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.65 dBV/m	Grid 2 M4 10.46 dBV/m	Grid 3 M4 10.25 dBV/m
Grid 4 M4 10.6 dBV/m	Grid 5 M4 10.52 dBV/m	Grid 6 M4 8.79 dBV/m
Grid 7 M4 10.02 dBV/m	Grid 8 M4 10.35 dBV/m	Grid 9 M4 8.88 dBV/m



0 dB = 3.409 V/m = 10.65 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 = 7.372 V/m; Power Drift = -0.23 dB

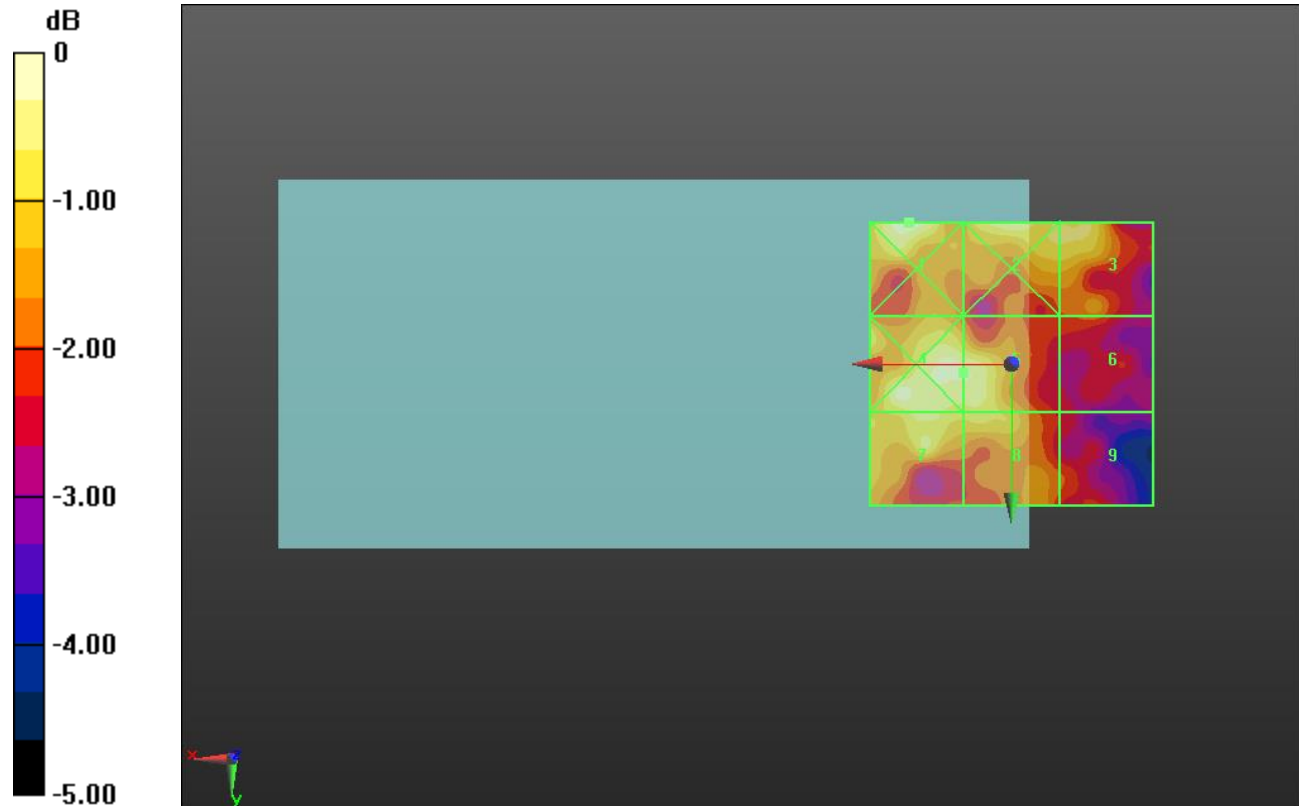
Applied MIF = -5.82 dB

RF audio interference level = 11.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.47 dBV/m	Grid 2 M4 11.28 dBV/m	Grid 3 M4 10.91 dBV/m
Grid 4 M4 11.3 dBV/m	Grid 5 M4 11.21 dBV/m	Grid 6 M4 9.71 dBV/m
Grid 7 M4 10.93 dBV/m	Grid 8 M4 10.71 dBV/m	Grid 9 M4 9.56 dBV/m



0 dB = 3.745 V/m = 11.47 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 = 6.689 V/m; Power Drift = -0.20 dB

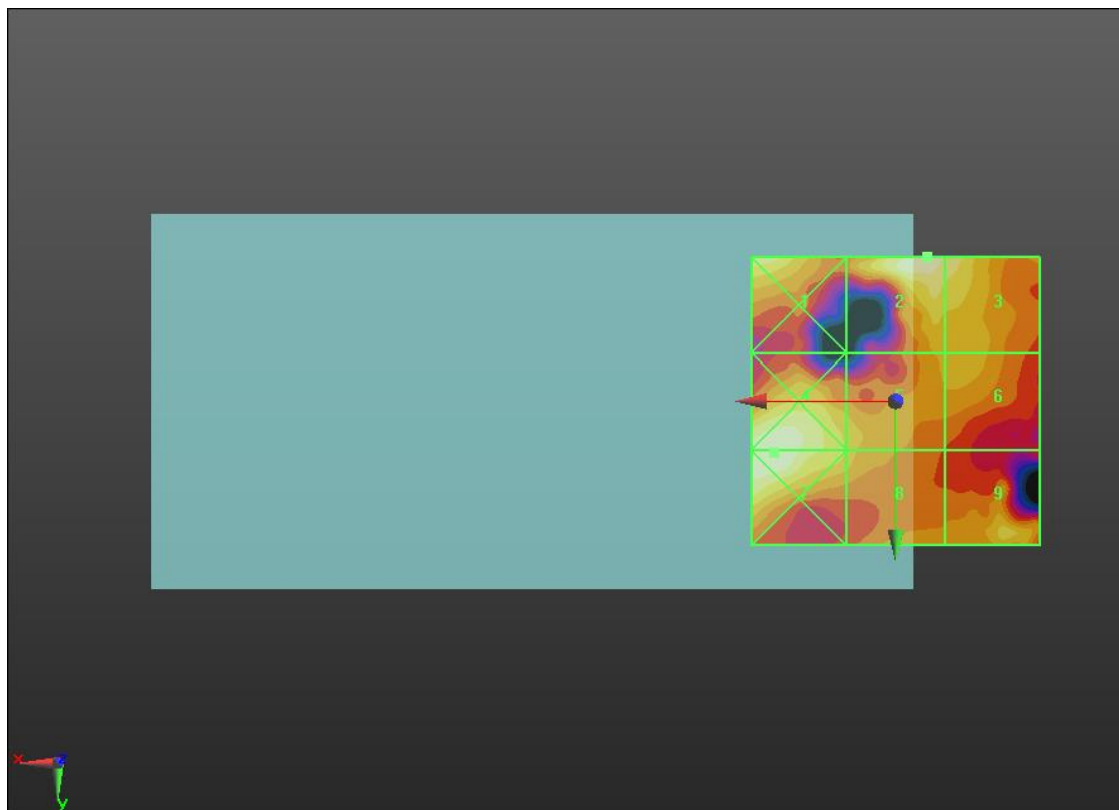
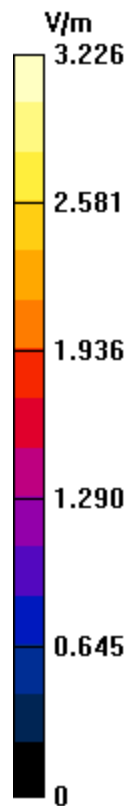
Applied MIF = -5.82 dB

RF audio interference level = 9.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.47 dBV/m	Grid 2 M4 9.97 dBV/m	Grid 3 M4 9.59 dBV/m
Grid 4 M4 10.17 dBV/m	Grid 5 M4 8.12 dBV/m	Grid 6 M4 7.84 dBV/m
Grid 7 M4 10.17 dBV/m	Grid 8 M4 8.12 dBV/m	Grid 9 M4 8.58 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 = 7.236 V/m; Power Drift = 0.02 dB

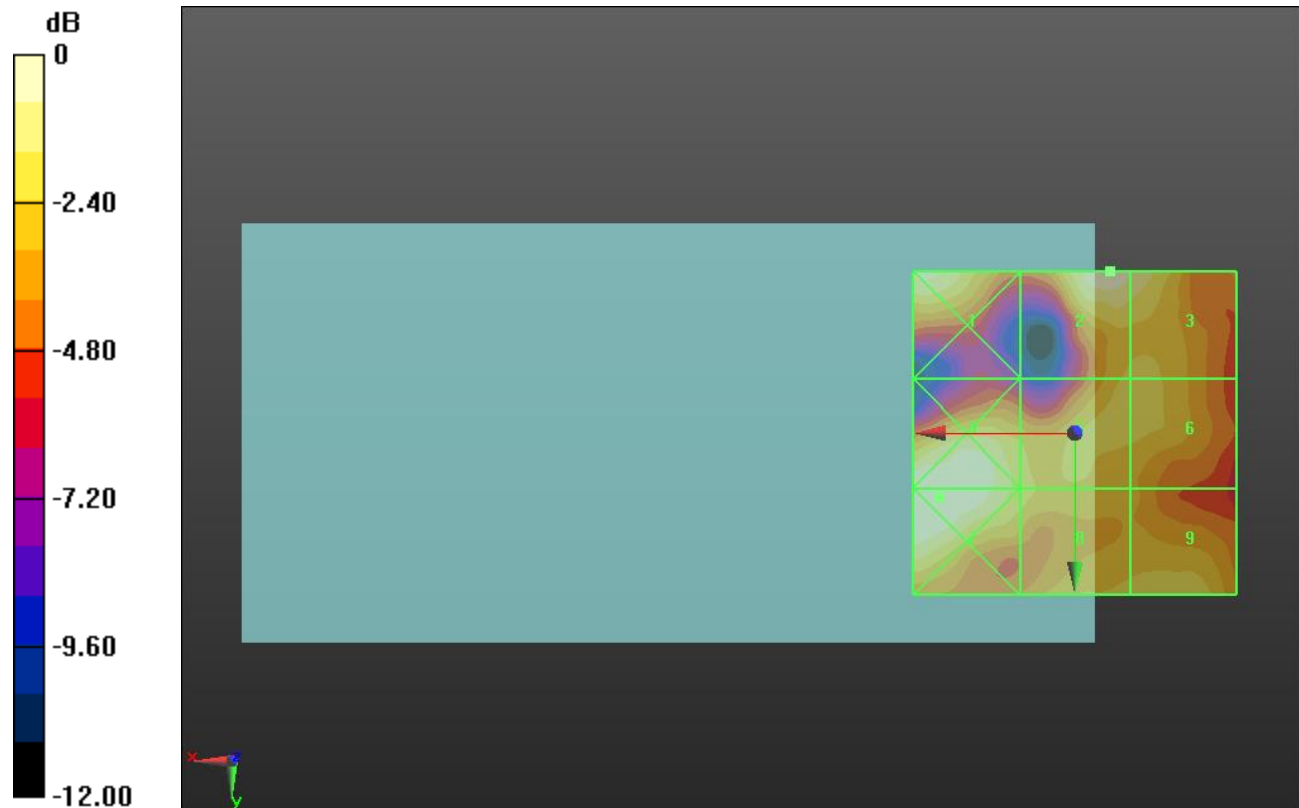
Applied MIF = -5.82 dB

RF audio interference level = 10.09 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.66 dBV/m	Grid 2 M4 10.09 dBV/m	Grid 3 M4 9.62 dBV/m
Grid 4 M4 10.28 dBV/m	Grid 5 M4 8.39 dBV/m	Grid 6 M4 8.17 dBV/m
Grid 7 M4 10.28 dBV/m	Grid 8 M4 8.38 dBV/m	Grid 9 M4 8.7 dBV/m



0 dB = 3.267 V/m = 10.28 dBV/m

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 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 = 7.448 V/m; Power Drift = -0.22 dB

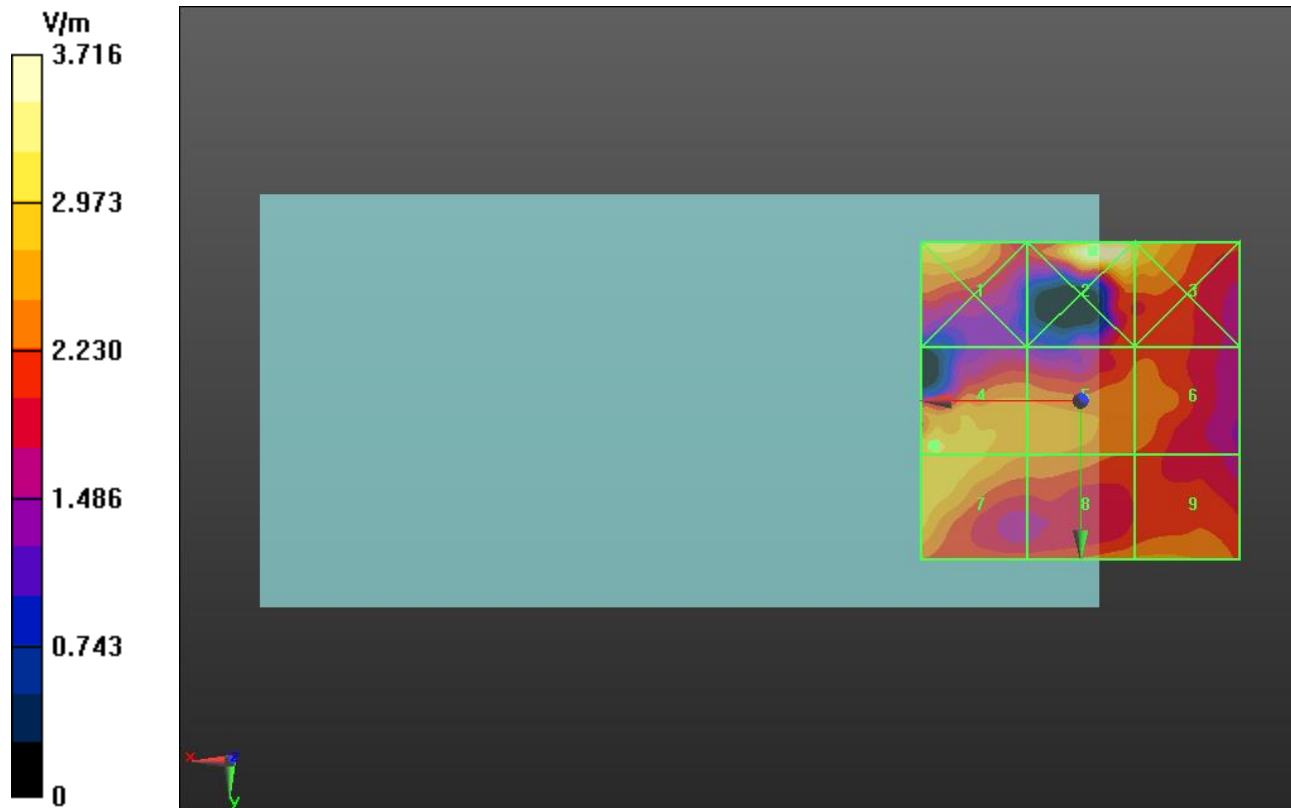
Applied MIF = -5.82 dB

RF audio interference level = 9.63 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.13 dBV/m	Grid 2 M4 11.4 dBV/m	Grid 3 M4 9.79 dBV/m
Grid 4 M4 9.63 dBV/m	Grid 5 M4 8.59 dBV/m	Grid 6 M4 7.57 dBV/m
Grid 7 M4 9.45 dBV/m	Grid 8 M4 8.16 dBV/m	Grid 9 M4 8.28 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 = 7.432 V/m; Power Drift = 0.17 dB

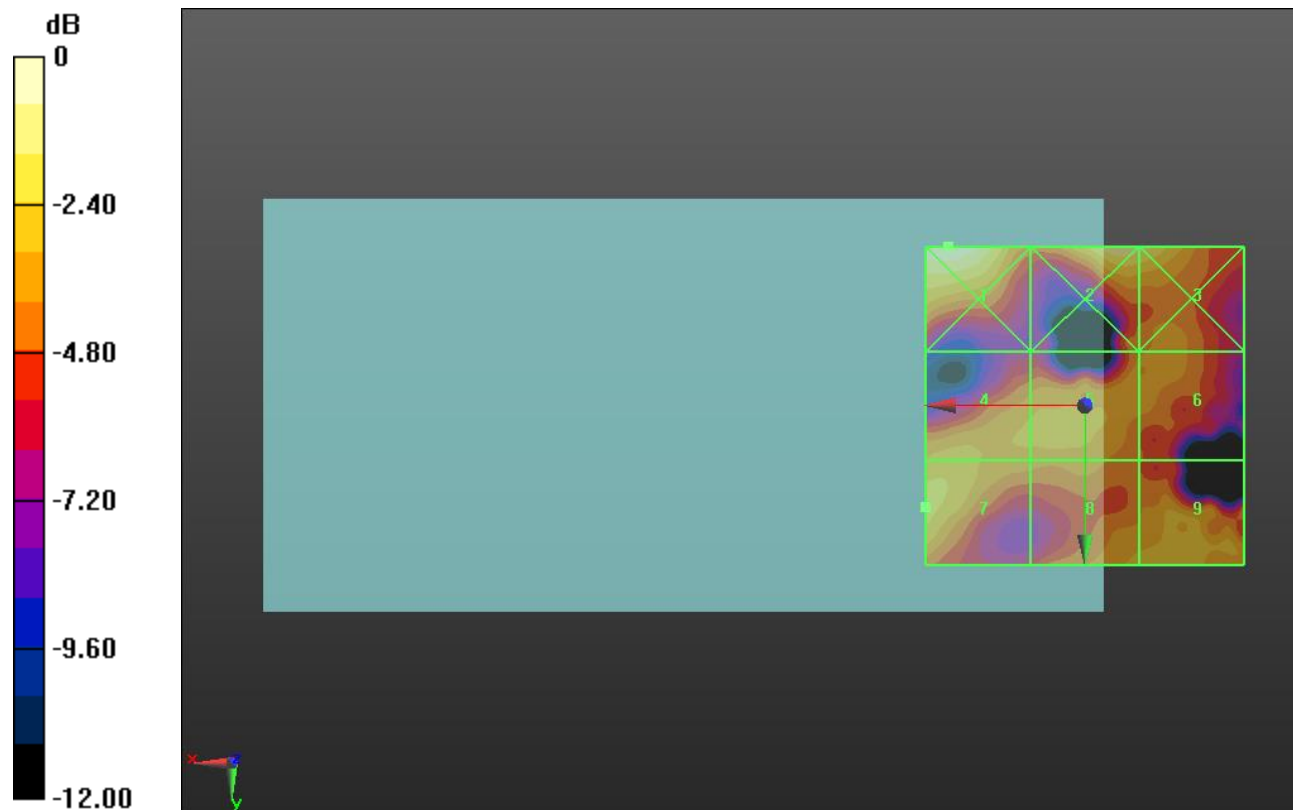
Applied MIF = -5.82 dB

RF audio interference level = 8.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.05 dBV/m	Grid 2 M4 10.44 dBV/m	Grid 3 M4 10 dBV/m
Grid 4 M4 8.24 dBV/m	Grid 5 M4 8.35 dBV/m	Grid 6 M4 7.64 dBV/m
Grid 7 M4 8.95 dBV/m	Grid 8 M4 8.28 dBV/m	Grid 9 M4 8.46 dBV/m



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

HAC-RF Emission

Communication System: UID 10062 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 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 = 4.449 V/m; Power Drift = 0.04 dB

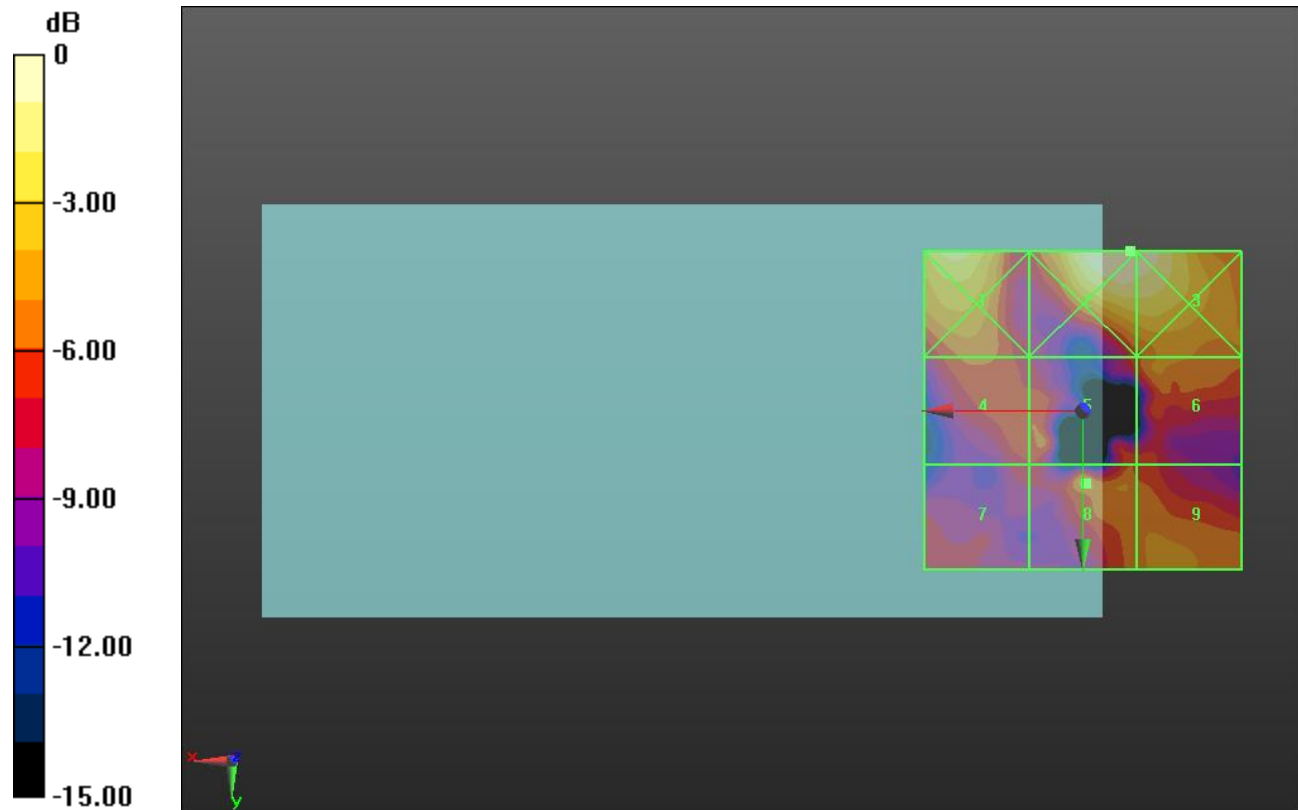
Applied MIF = -5.82 dB

RF audio interference level = 7.67 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.67 dBV/m	Grid 2 M4 12.21 dBV/m	Grid 3 M4 12.14 dBV/m
Grid 4 M4 6.58 dBV/m	Grid 5 M4 6.62 dBV/m	Grid 6 M4 7.41 dBV/m
Grid 7 M4 5.01 dBV/m	Grid 8 M4 7.67 dBV/m	Grid 9 M4 7.51 dBV/m



0 dB = 4.081 V/m = 12.22 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 = 4.287 V/m; Power Drift = 0.48 dB

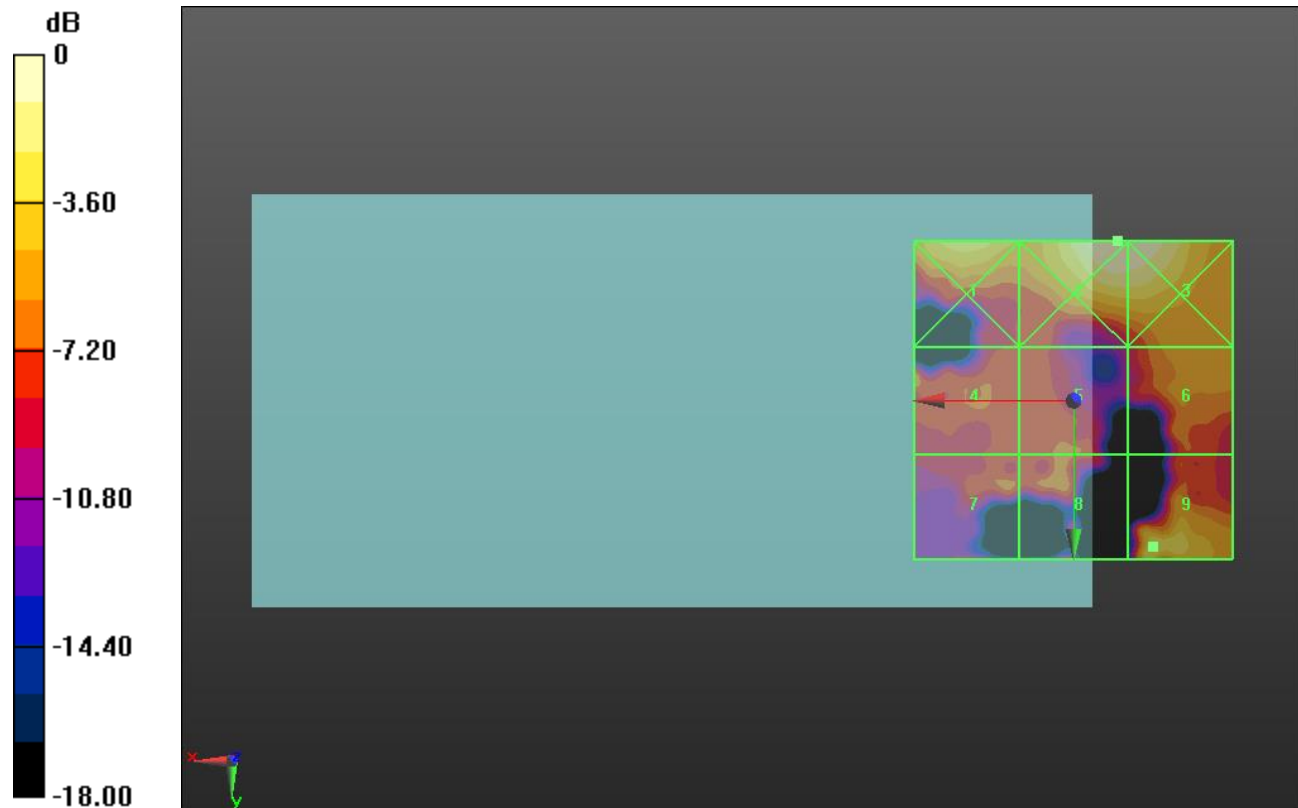
Applied MIF = -5.82 dB

RF audio interference level = 8.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.5 dBV/m	Grid 2 M4 11.3 dBV/m	Grid 3 M4 11.1 dBV/m
Grid 4 M4 5.9 dBV/m	Grid 5 M4 5.07 dBV/m	Grid 6 M4 6.51 dBV/m
Grid 7 M4 4.56 dBV/m	Grid 8 M4 5.37 dBV/m	Grid 9 M4 8.91 dBV/m



0 dB = 3.674 V/m = 11.30 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 = 4.379 V/m; Power Drift = 0.10 dB

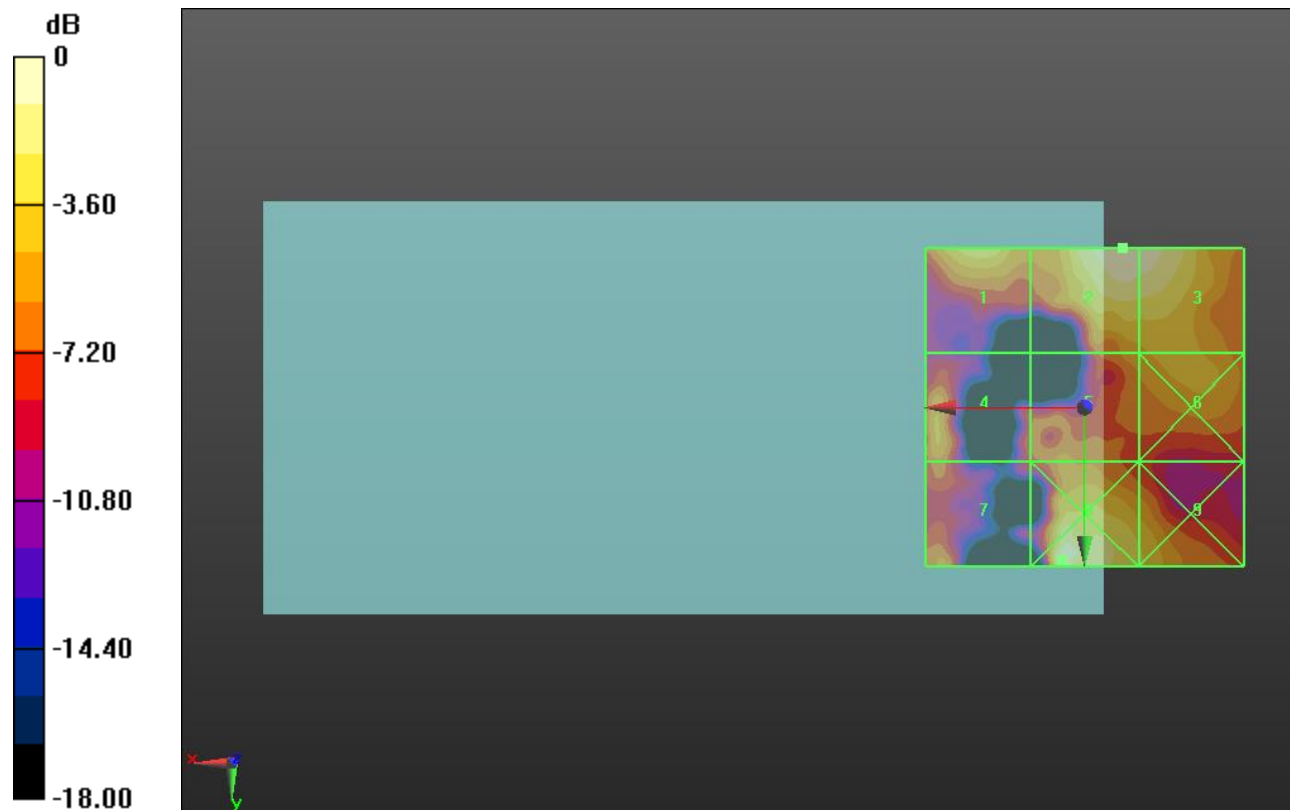
Applied MIF = -5.82 dB

RF audio interference level = 11.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.15 dBV/m	Grid 2 M4 11.56 dBV/m	Grid 3 M4 11.27 dBV/m
Grid 4 M4 7.1 dBV/m	Grid 5 M4 6.5 dBV/m	Grid 6 M4 7.34 dBV/m
Grid 7 M4 6.13 dBV/m	Grid 8 M4 11.69 dBV/m	Grid 9 M4 8.34 dBV/m



0 dB = 3.842 V/m = 11.69 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 = 4.573 V/m; Power Drift = -0.21 dB

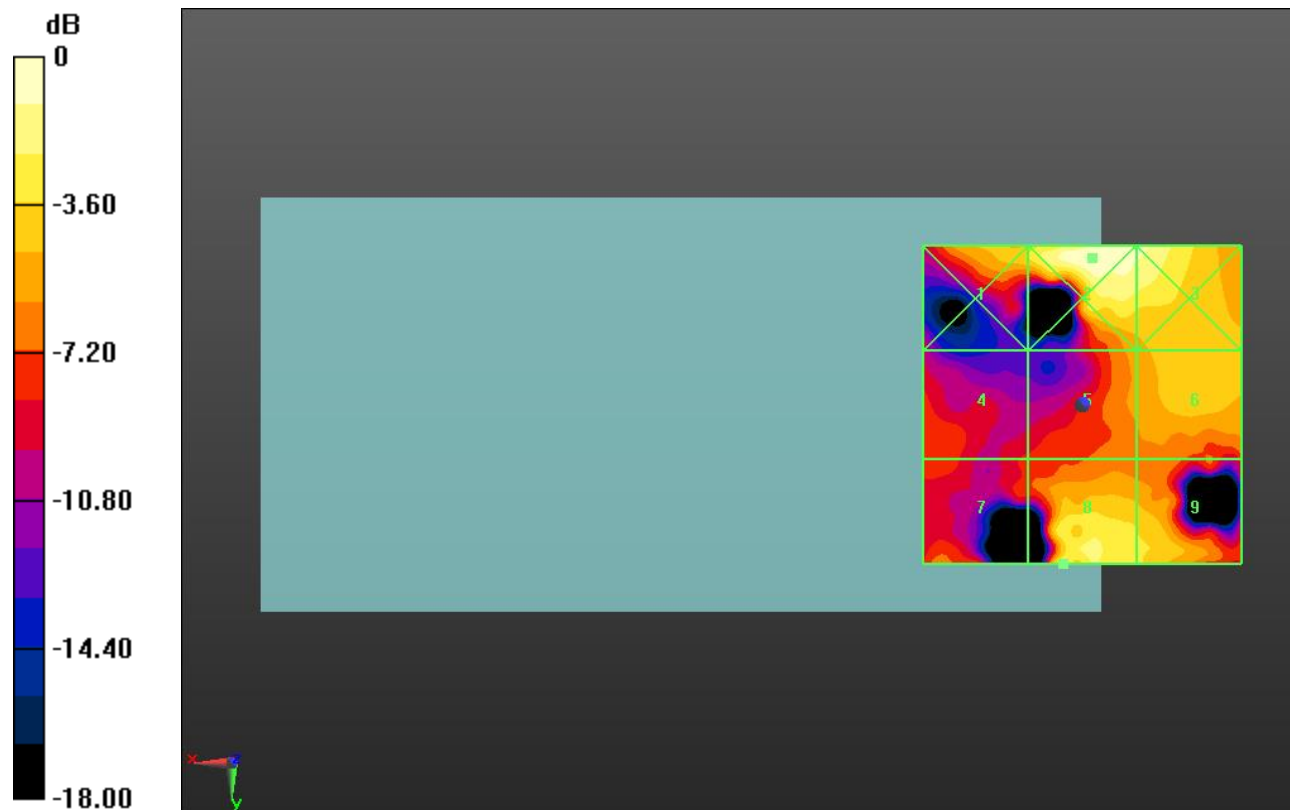
Applied MIF = -5.82 dB

RF audio interference level = 10.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.67 dBV/m	Grid 2 M4 12.26 dBV/m	Grid 3 M4 11.43 dBV/m
Grid 4 M4 4.66 dBV/m	Grid 5 M4 6.9 dBV/m	Grid 6 M4 8.61 dBV/m
Grid 7 M4 5.9 dBV/m	Grid 8 M4 10.41 dBV/m	Grid 9 M4 8.99 dBV/m



0 dB = 4.104 V/m = 12.26 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 = 4.533 V/m; Power Drift = -0.34 dB

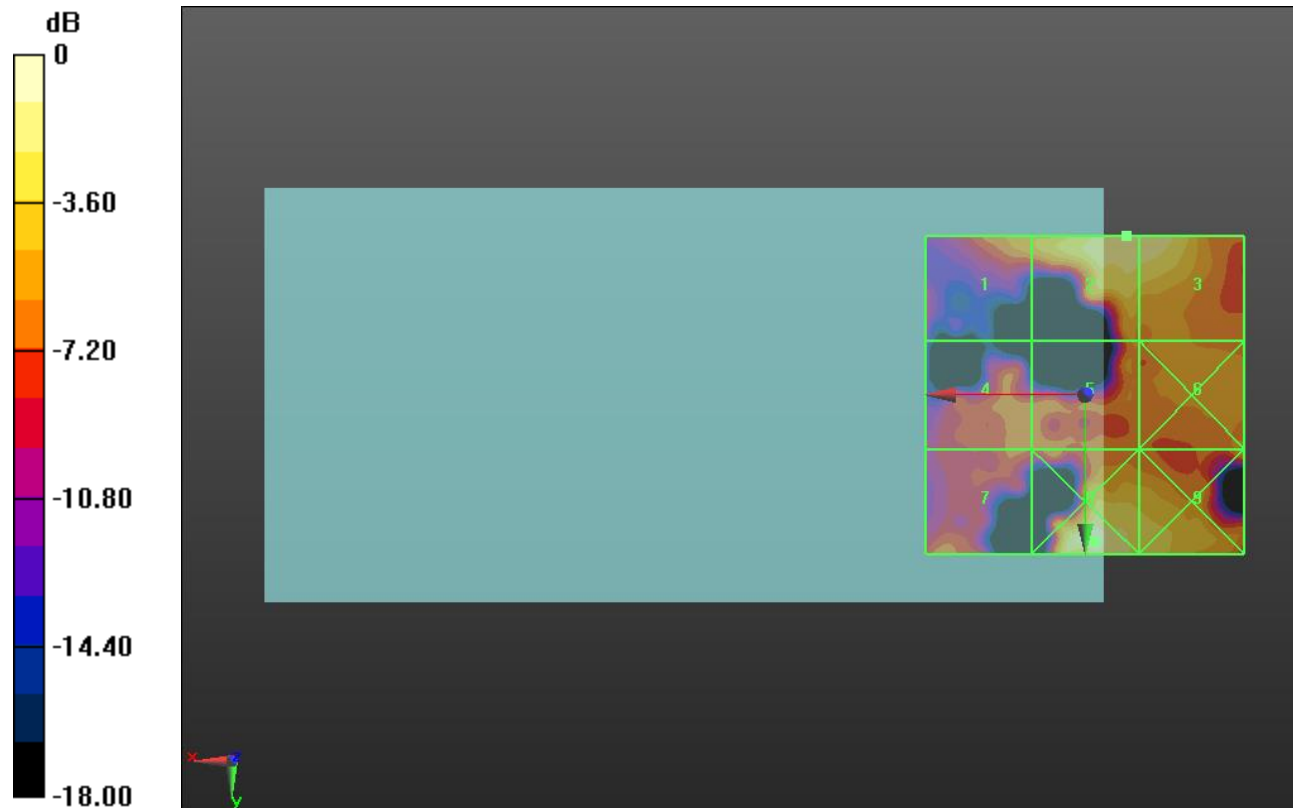
Applied MIF = -5.82 dB

RF audio interference level = 11.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.67 dBV/m	Grid 2 M4 11.56 dBV/m	Grid 3 M4 11.56 dBV/m
Grid 4 M4 6.32 dBV/m	Grid 5 M4 6.9 dBV/m	Grid 6 M4 7.71 dBV/m
Grid 7 M4 6.5 dBV/m	Grid 8 M4 12.66 dBV/m	Grid 9 M4 10.23 dBV/m



0 dB = 4.297 V/m = 12.66 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 = 4.937 V/m; Power Drift = -0.20 dB

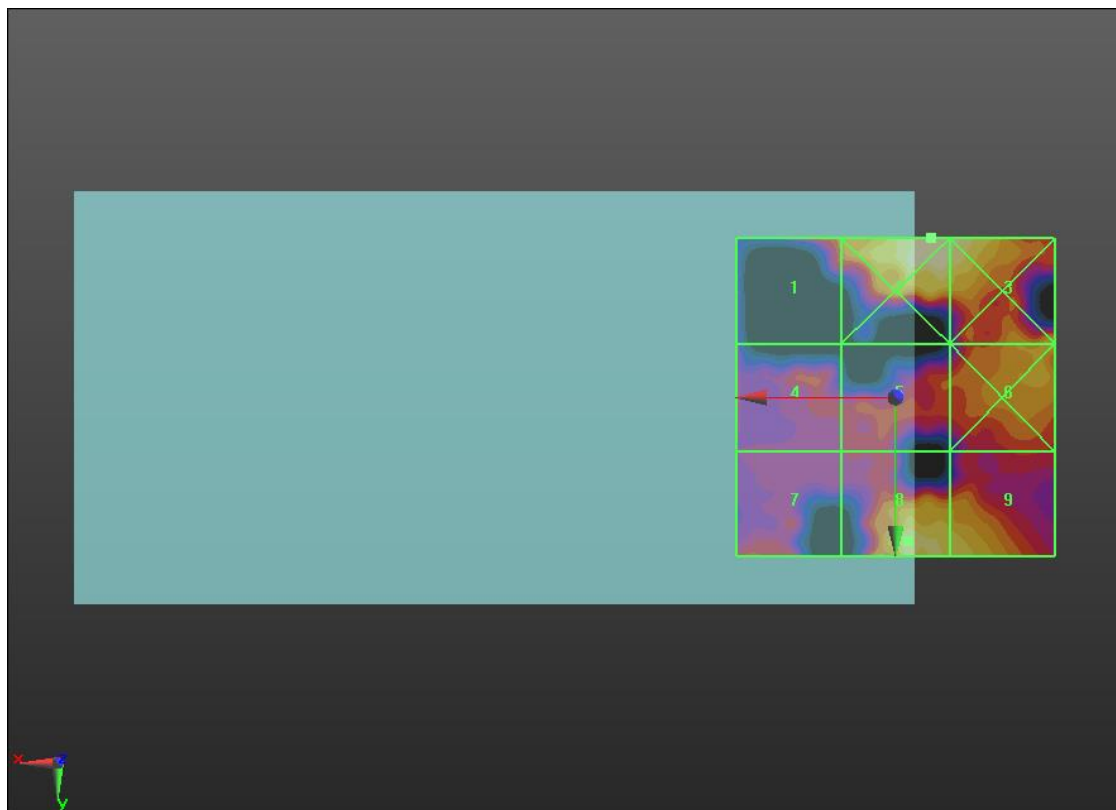
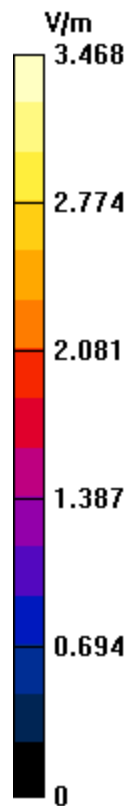
Applied MIF = -5.82 dB

RF audio interference level = 10.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.29 dBV/m	Grid 2 M4 10.8 dBV/m	Grid 3 M4 10.43 dBV/m
Grid 4 M4 5.77 dBV/m	Grid 5 M4 6.53 dBV/m	Grid 6 M4 9.03 dBV/m
Grid 7 M4 6.03 dBV/m	Grid 8 M4 10.12 dBV/m	Grid 9 M4 9.5 dBV/m



HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.98 V/m; Power Drift = -0.09 dB

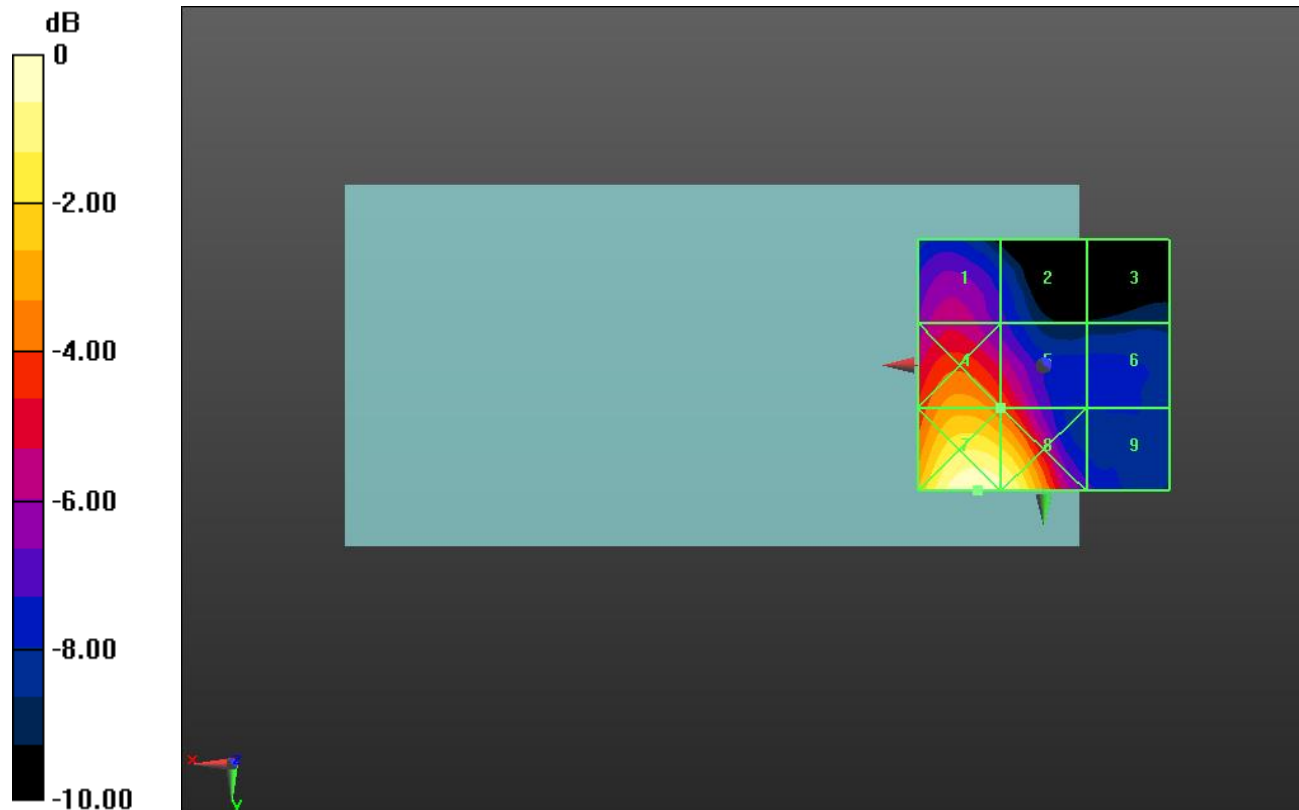
Applied MIF = -1.44 dB

RF audio interference level = 21.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.84 dBV/m	Grid 2 M4 18.27 dBV/m	Grid 3 M4 16.42 dBV/m
Grid 4 M4 22.39 dBV/m	Grid 5 M4 21.38 dBV/m	Grid 6 M4 17.67 dBV/m
Grid 7 M4 25.27 dBV/m	Grid 8 M4 24.9 dBV/m	Grid 9 M4 18.37 dBV/m



0 dB = 18.35 V/m = 25.27 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 = 11.05 V/m; Power Drift = -0.08 dB

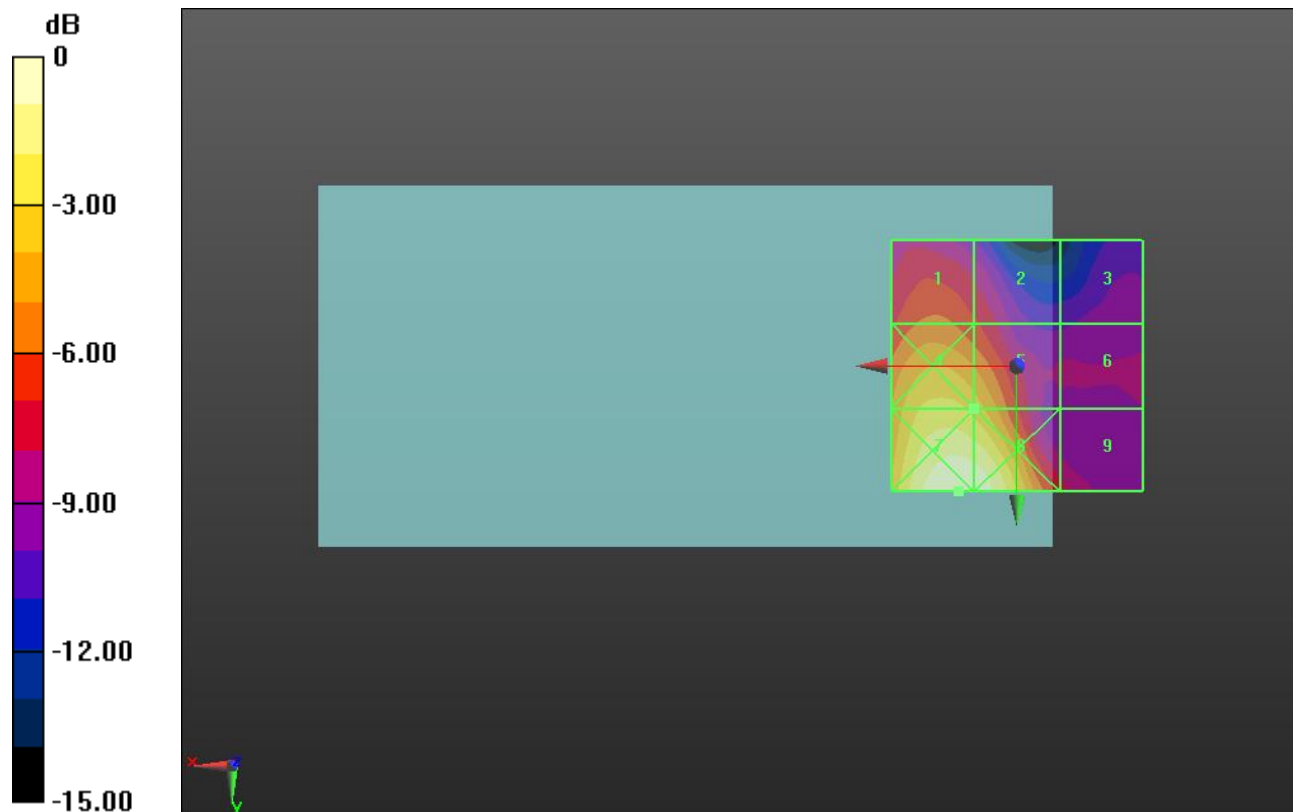
Applied MIF = -1.44 dB

RF audio interference level = 21.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.95 dBV/m	Grid 2 M4 17.89 dBV/m	Grid 3 M4 15.33 dBV/m
Grid 4 M4 22.01 dBV/m	Grid 5 M4 21.29 dBV/m	Grid 6 M4 15.96 dBV/m
Grid 7 M4 24.65 dBV/m	Grid 8 M4 24.45 dBV/m	Grid 9 M4 17.3 dBV/m



0 dB = 17.09 V/m = 24.65 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 = 10.45 V/m; Power Drift = 0.12 dB

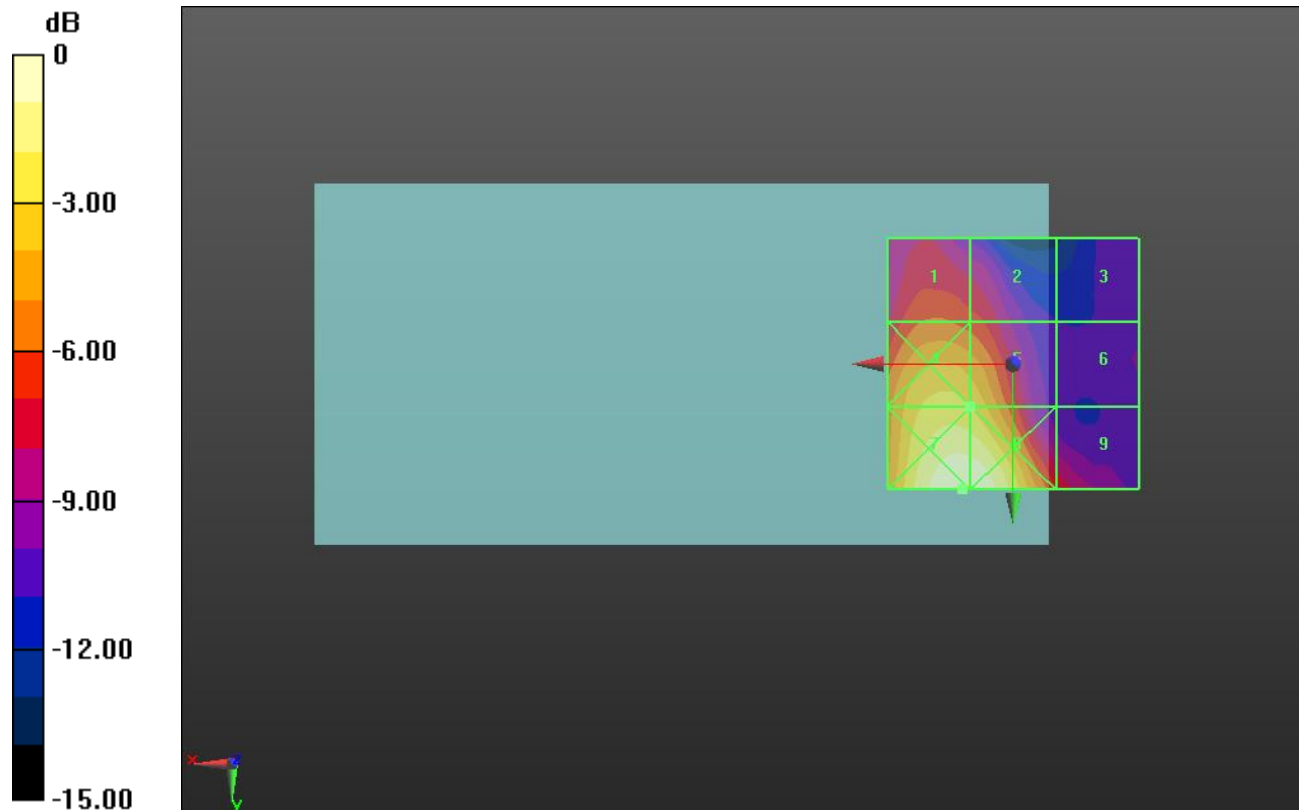
Applied MIF = -1.44 dB

RF audio interference level = 21.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.57 dBV/m	Grid 2 M4 17.89 dBV/m	Grid 3 M4 14.43 dBV/m
Grid 4 M4 21.84 dBV/m	Grid 5 M4 21.38 dBV/m	Grid 6 M4 14.52 dBV/m
Grid 7 M4 24.4 dBV/m	Grid 8 M4 24.34 dBV/m	Grid 9 M4 17.55 dBV/m



0 dB = 16.59 V/m = 24.40 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.33 V/m; Power Drift = -0.03 dB

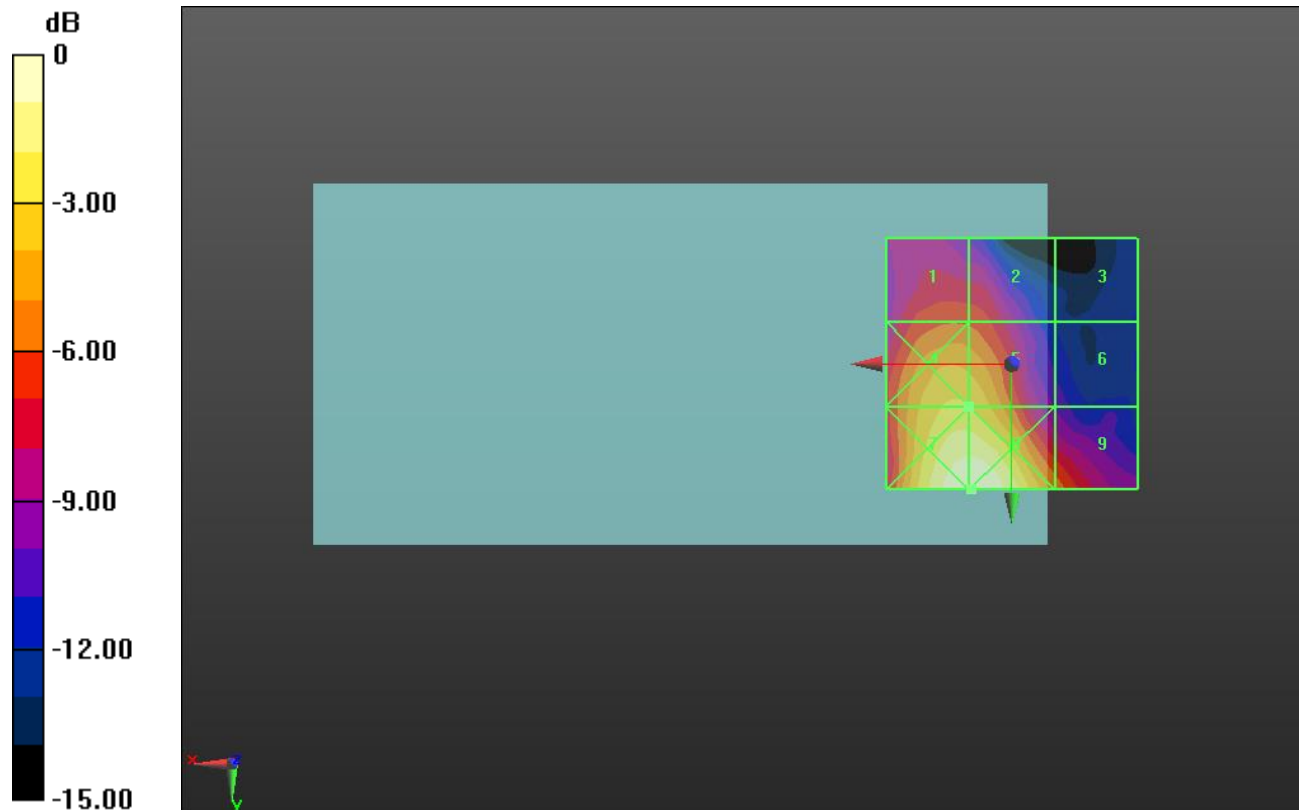
Applied MIF = -1.44 dB

RF audio interference level = 20.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.36 dBV/m	Grid 2 M4 17.22 dBV/m	Grid 3 M4 11.51 dBV/m
Grid 4 M4 20.68 dBV/m	Grid 5 M4 20.51 dBV/m	Grid 6 M4 13.4 dBV/m
Grid 7 M4 23.43 dBV/m	Grid 8 M4 23.44 dBV/m	Grid 9 M4 18.31 dBV/m



0 dB = 14.85 V/m = 23.43 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 = 51.53 V/m; Power Drift = -0.04 dB

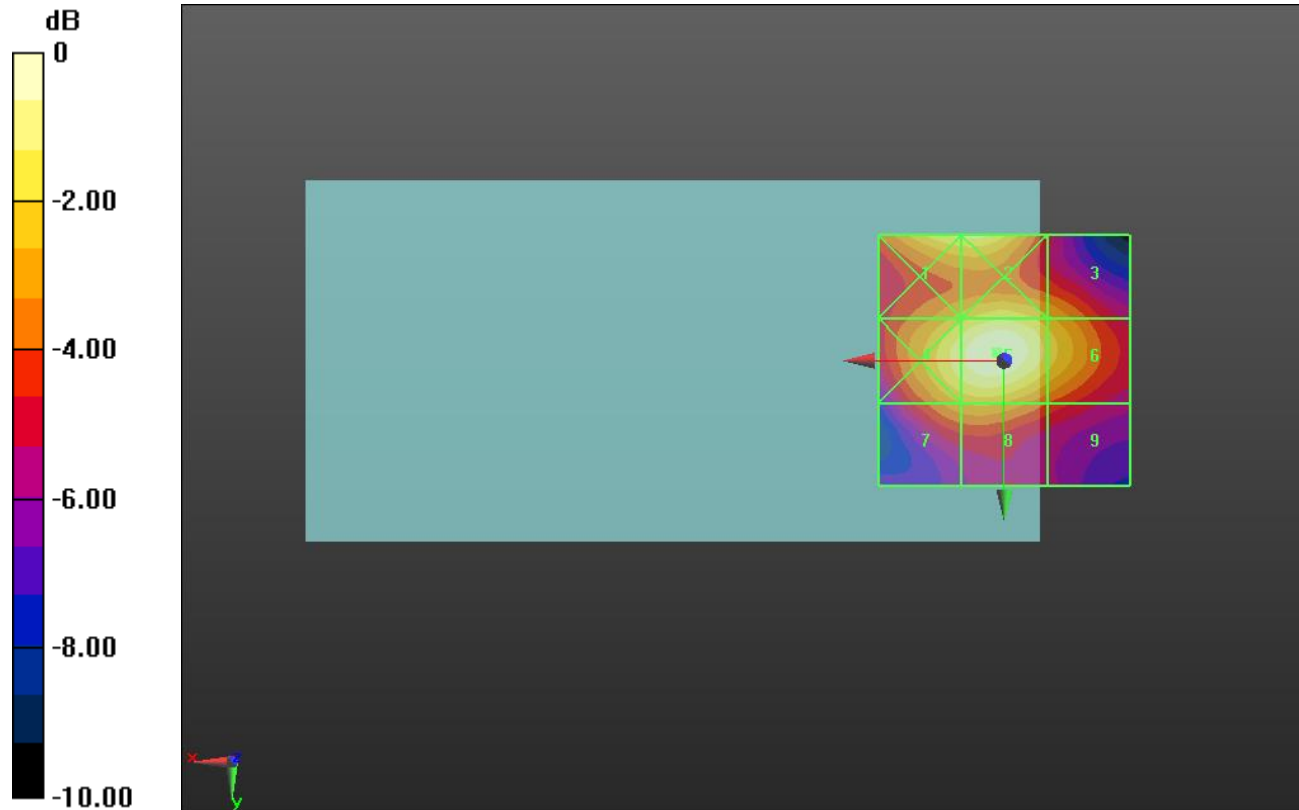
Applied MIF = -1.44 dB

RF audio interference level = 28.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.18 dBV/m	Grid 2 M4 27.26 dBV/m	Grid 3 M4 25.81 dBV/m
Grid 4 M4 27.42 dBV/m	Grid 5 M4 28.23 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M4 25.54 dBV/m	Grid 8 M4 25.76 dBV/m	Grid 9 M4 24.24 dBV/m



0 dB = 25.79 V/m = 28.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 52.46 V/m; Power Drift = -0.03 dB

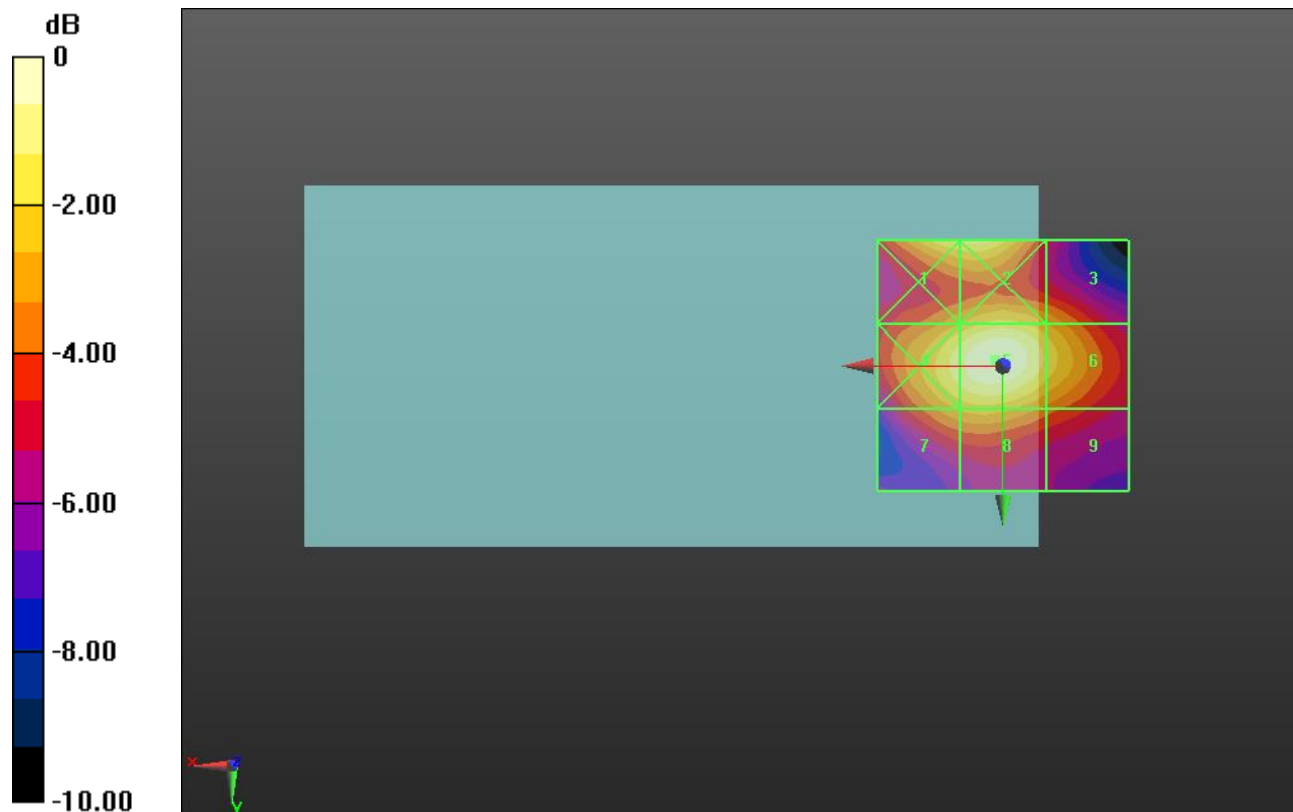
Applied MIF = -1.44 dB

RF audio interference level = 28.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.26 dBV/m	Grid 2 M4 27.37 dBV/m	Grid 3 M4 25.69 dBV/m
Grid 4 M4 27.44 dBV/m	Grid 5 M4 28.3 dBV/m	Grid 6 M4 26.85 dBV/m
Grid 7 M4 25.76 dBV/m	Grid 8 M4 26.05 dBV/m	Grid 9 M4 24.73 dBV/m



0 dB = 26.01 V/m = 28.30 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 52.45 V/m; Power Drift = 0.06 dB

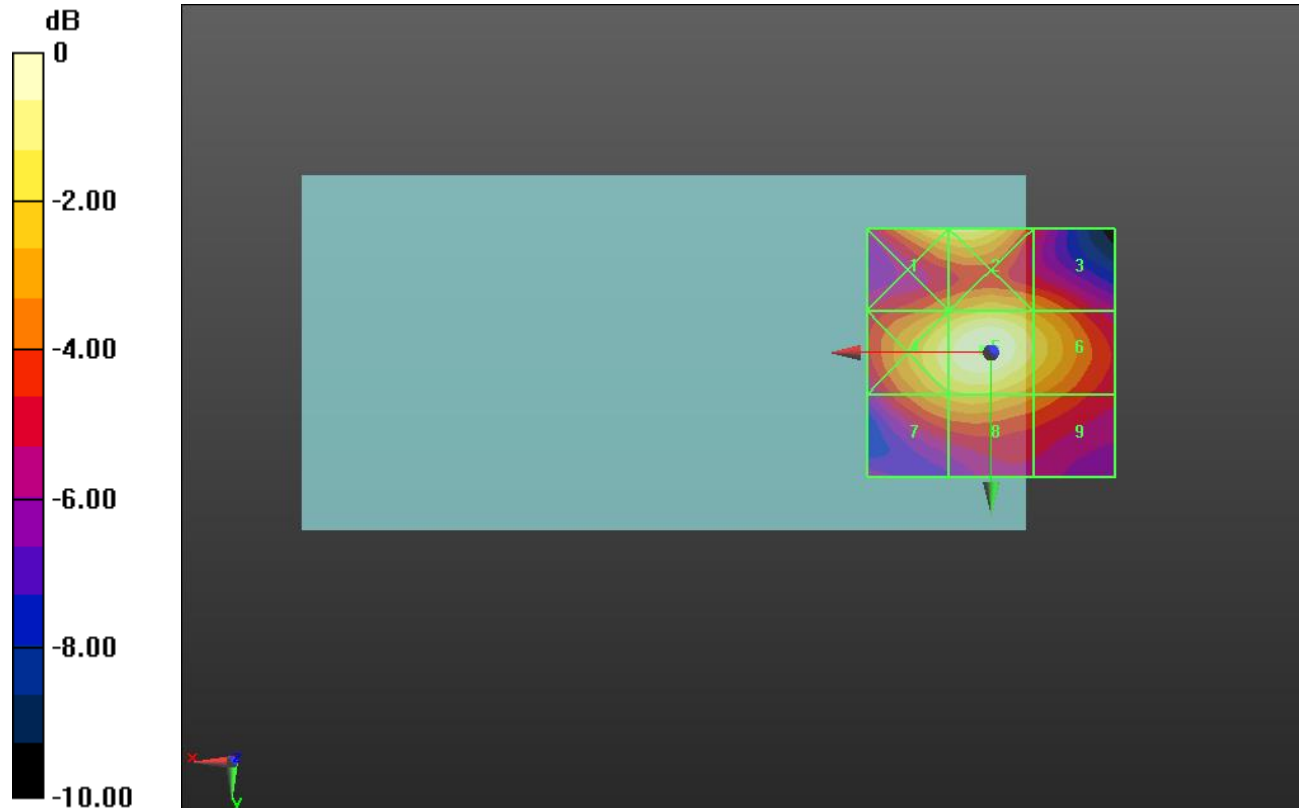
Applied MIF = -1.44 dB

RF audio interference level = 28.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.21 dBV/m	Grid 2 M4 27.37 dBV/m	Grid 3 M4 25.51 dBV/m
Grid 4 M4 27.49 dBV/m	Grid 5 M4 28.29 dBV/m	Grid 6 M4 26.92 dBV/m
Grid 7 M4 25.94 dBV/m	Grid 8 M4 26.27 dBV/m	Grid 9 M4 25.15 dBV/m



0 dB = 25.98 V/m = 28.29 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 = 53.28 V/m; Power Drift = -0.01 dB

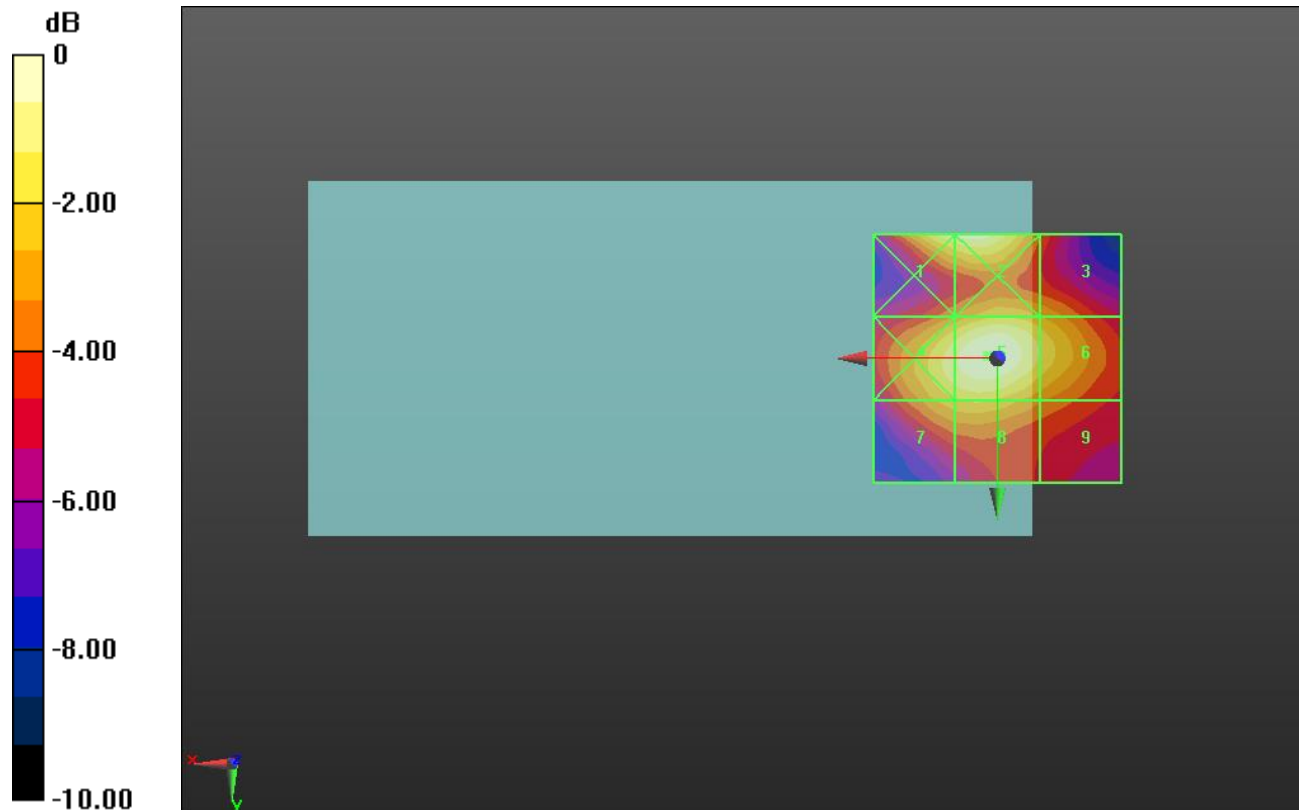
Applied MIF = -1.44 dB

RF audio interference level = 28.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.75 dBV/m	Grid 2 M4 27.97 dBV/m	Grid 3 M4 25.65 dBV/m
Grid 4 M4 27.49 dBV/m	Grid 5 M4 28.26 dBV/m	Grid 6 M4 26.9 dBV/m
Grid 7 M4 26.18 dBV/m	Grid 8 M4 26.39 dBV/m	Grid 9 M4 25.07 dBV/m



0 dB = 25.89 V/m = 28.26 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.938 V/m; Power Drift = -0.13 dB

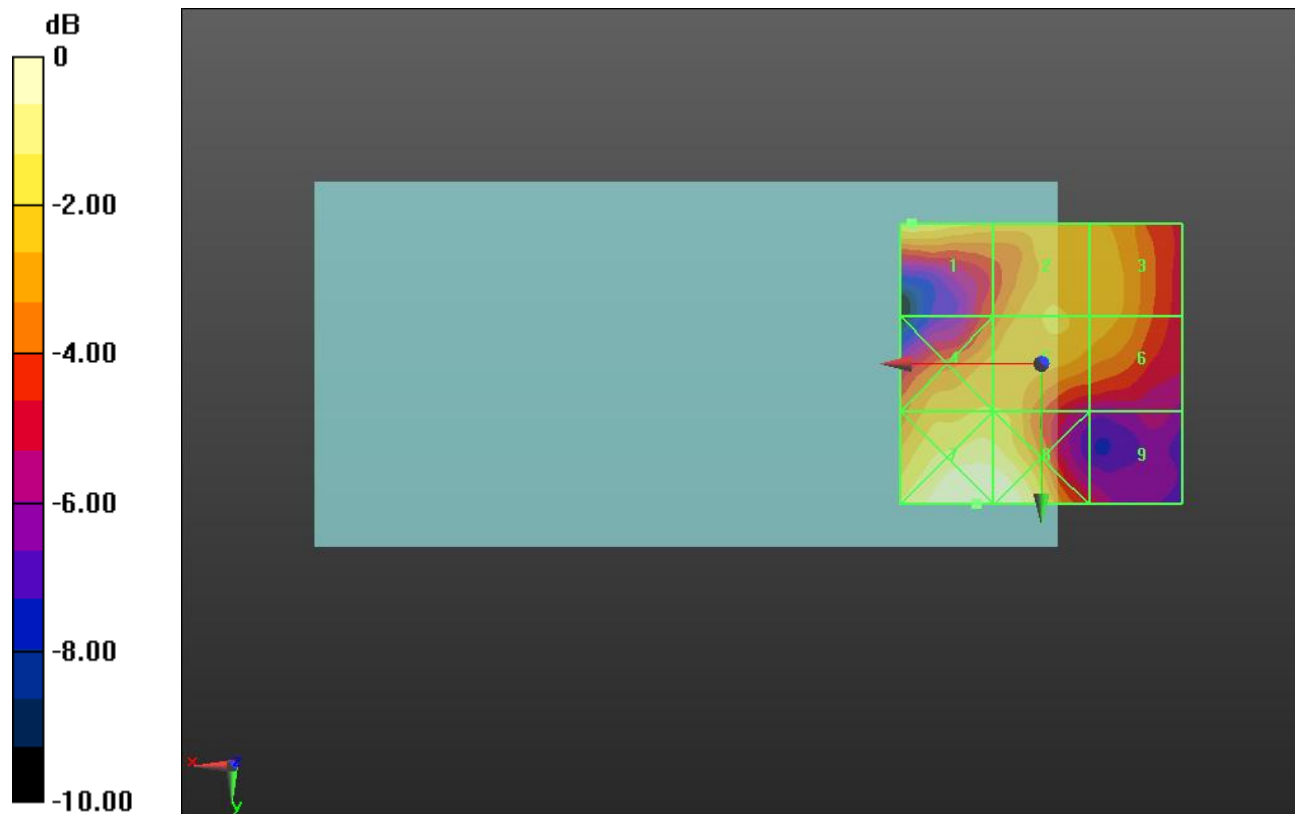
Applied MIF = -1.44 dB

RF audio interference level = 17.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.66 dBV/m	Grid 2 M4 16.98 dBV/m	Grid 3 M4 16.75 dBV/m
Grid 4 M4 16.98 dBV/m	Grid 5 M4 16.99 dBV/m	Grid 6 M4 16.72 dBV/m
Grid 7 M4 18.92 dBV/m	Grid 8 M4 18.86 dBV/m	Grid 9 M4 14.12 dBV/m



0 dB = 8.830 V/m = 18.92 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 = 10.03 V/m; Power Drift = -0.09 dB

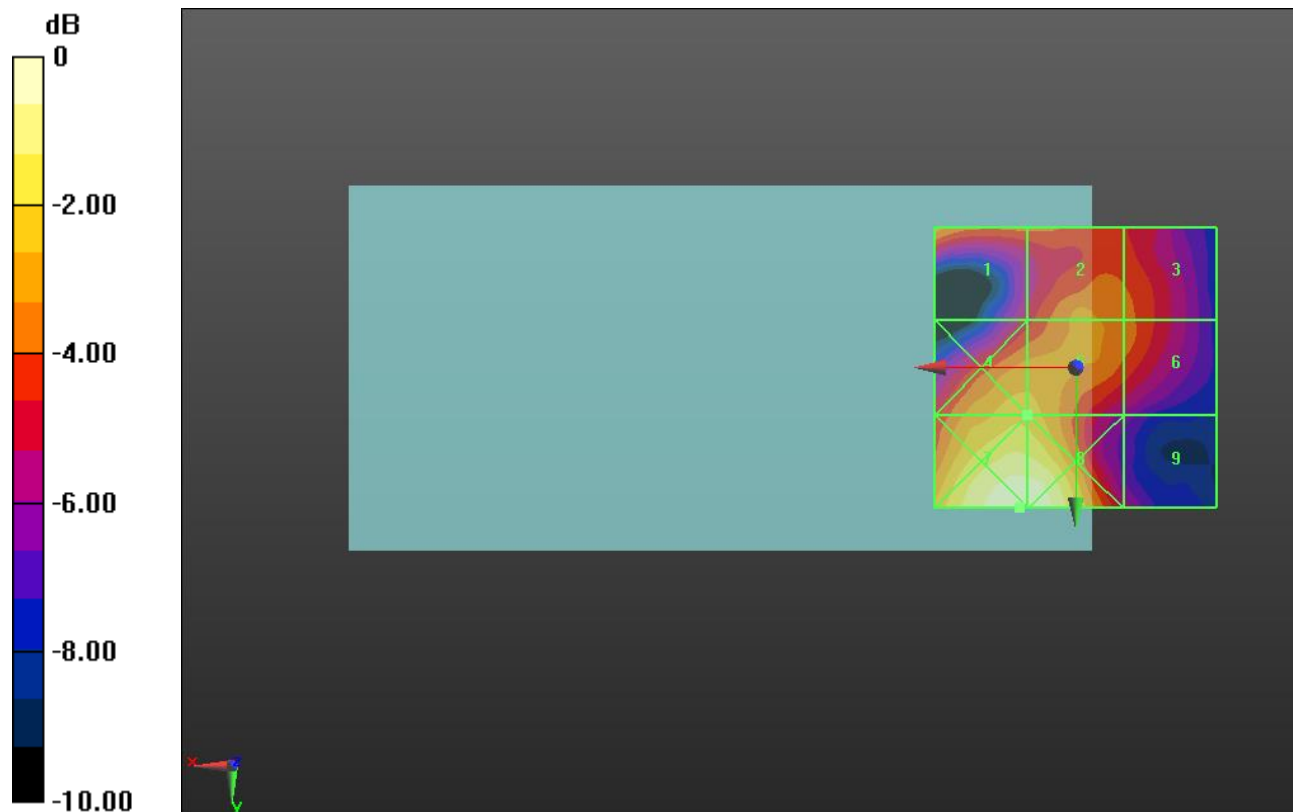
Applied MIF = -1.44 dB

RF audio interference level = 17.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.96 dBV/m	Grid 2 M4 16.65 dBV/m	Grid 3 M4 16.14 dBV/m
Grid 4 M4 17.61 dBV/m	Grid 5 M4 17.53 dBV/m	Grid 6 M4 16.19 dBV/m
Grid 7 M4 19.81 dBV/m	Grid 8 M4 19.75 dBV/m	Grid 9 M4 14.34 dBV/m



0 dB = 9.783 V/m = 19.81 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 = 11.17 V/m; Power Drift = -0.11 dB

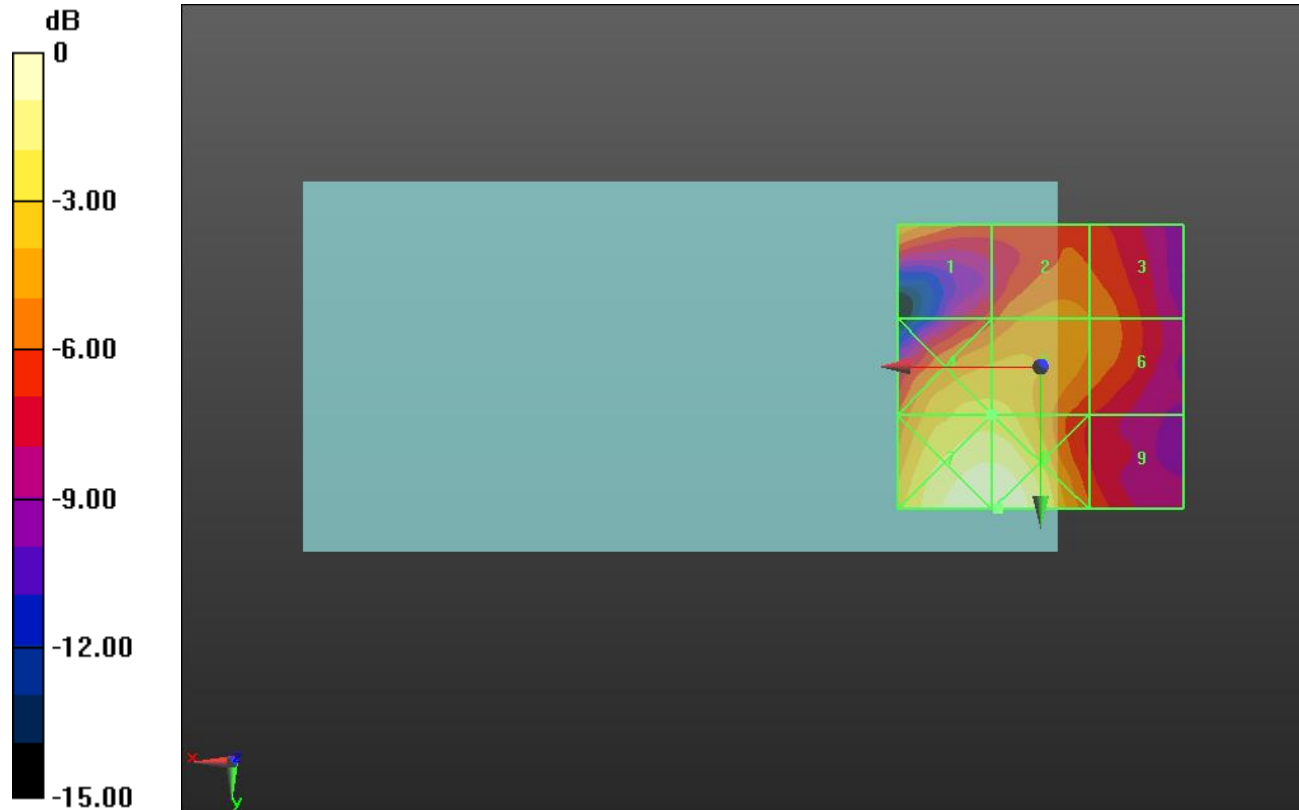
Applied MIF = -1.44 dB

RF audio interference level = 18.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.02 dBV/m	Grid 2 M4 16.62 dBV/m	Grid 3 M4 16.21 dBV/m
Grid 4 M4 18.7 dBV/m	Grid 5 M4 18.66 dBV/m	Grid 6 M4 16.26 dBV/m
Grid 7 M4 21.17 dBV/m	Grid 8 M4 21.19 dBV/m	Grid 9 M4 15.46 dBV/m



0 dB = 11.47 V/m = 21.19 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.67 V/m; Power Drift = -0.11 dB

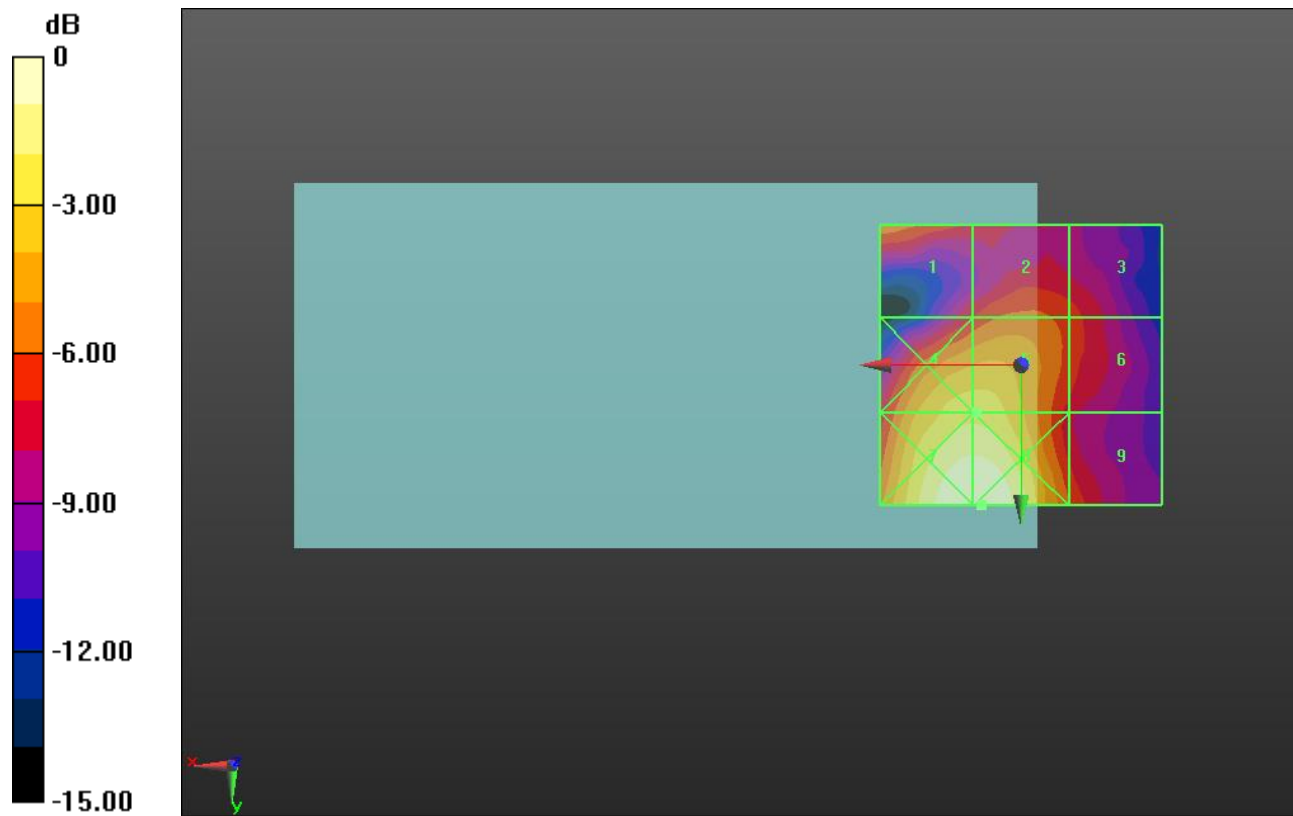
Applied MIF = -1.44 dB

RF audio interference level = 19.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.95 dBV/m	Grid 2 M4 16.55 dBV/m	Grid 3 M4 15.77 dBV/m
Grid 4 M4 19.94 dBV/m	Grid 5 M4 19.94 dBV/m	Grid 6 M4 15.96 dBV/m
Grid 7 M4 22.21 dBV/m	Grid 8 M4 22.24 dBV/m	Grid 9 M4 16.38 dBV/m



0 dB = 12.95 V/m = 22.25 dBV/m