

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 = 48.63 V/m; Power Drift = -0.03 dB

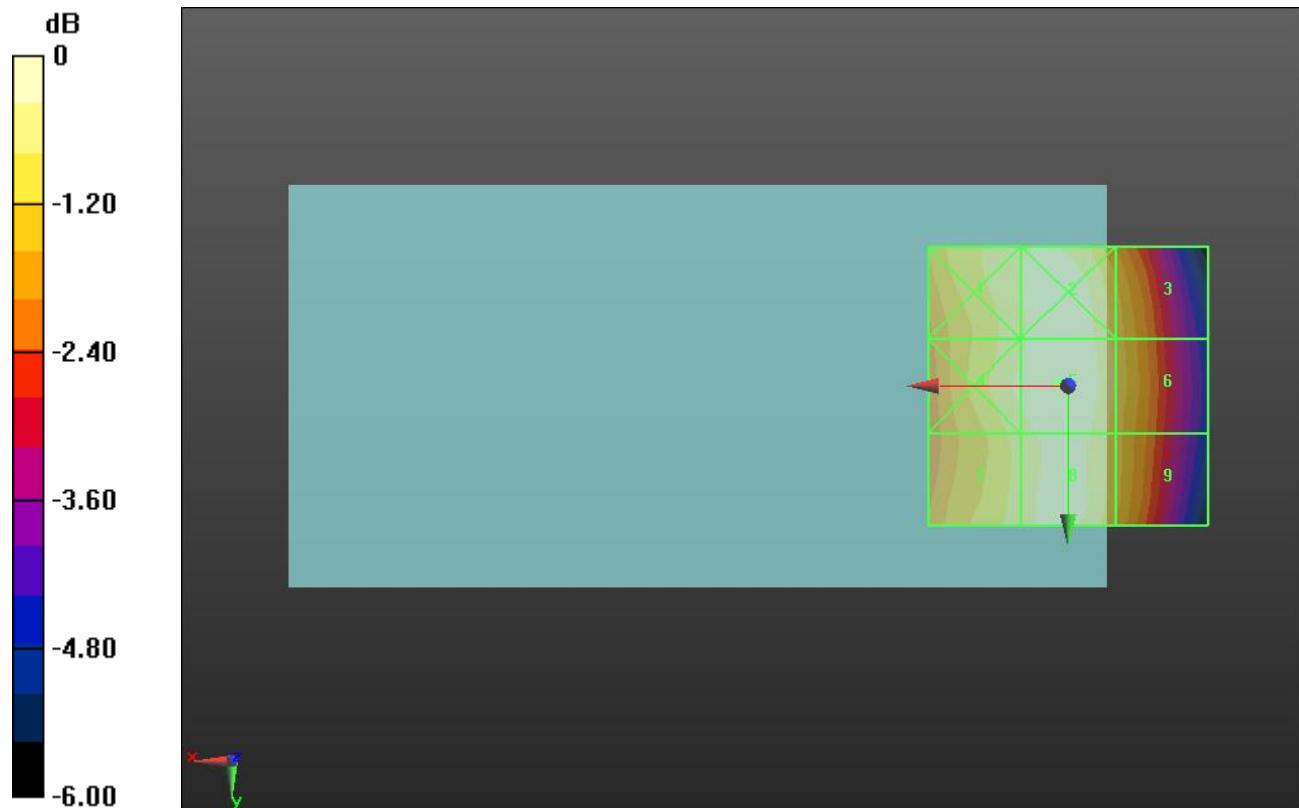
Applied MIF = 3.63 dB

RF audio interference level = 34.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.39 dBV/m	Grid 2 M4 34.67 dBV/m	Grid 3 M4 33.85 dBV/m
Grid 4 M4 34.49 dBV/m	Grid 5 M4 34.78 dBV/m	Grid 6 M4 33.95 dBV/m
Grid 7 M4 34.19 dBV/m	Grid 8 M4 34.58 dBV/m	Grid 9 M4 33.8 dBV/m



0 dB = 54.84 V/m = 34.78 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 = 53.44 V/m; Power Drift = -0.03 dB

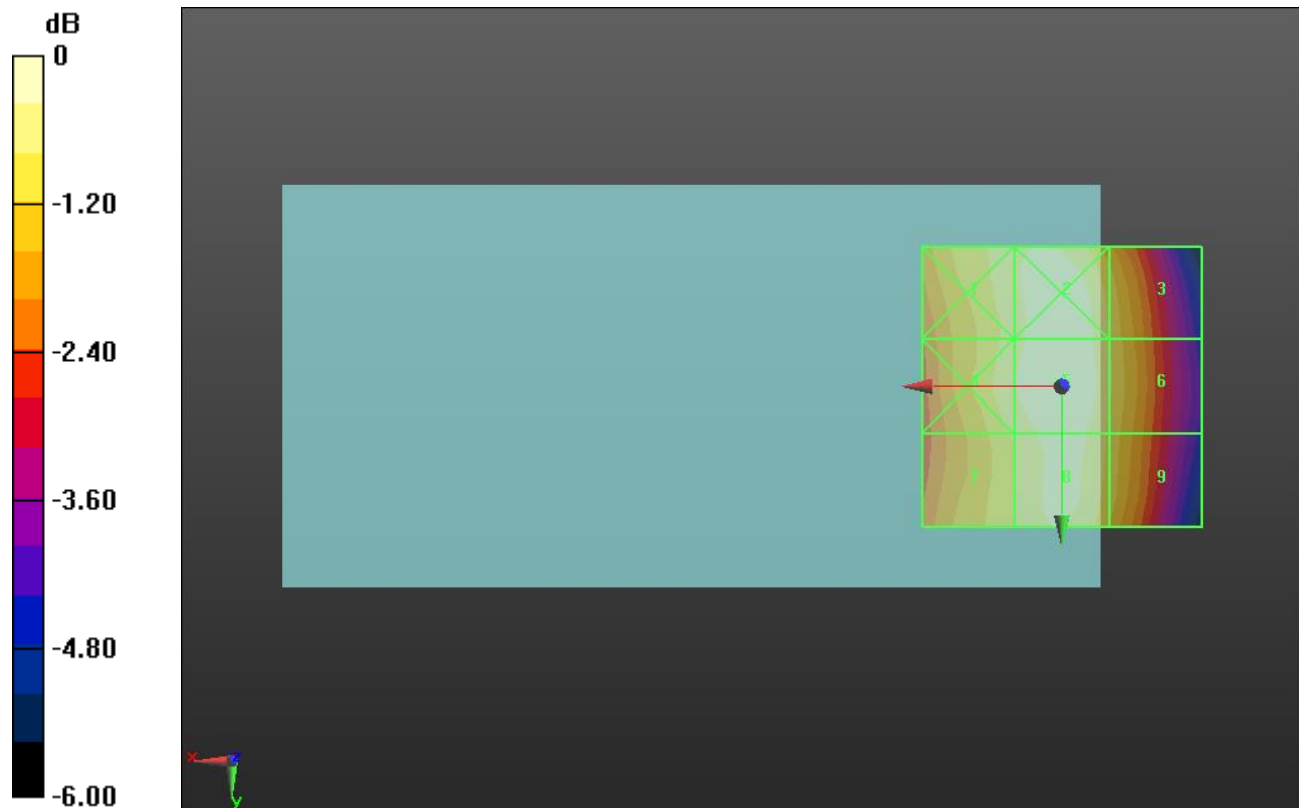
Applied MIF = 3.63 dB

RF audio interference level = 35.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.12 dBV/m	Grid 2 M4 35.49 dBV/m	Grid 3 M4 34.78 dBV/m
Grid 4 M4 35.18 dBV/m	Grid 5 M4 35.59 dBV/m	Grid 6 M4 34.87 dBV/m
Grid 7 M4 34.87 dBV/m	Grid 8 M4 35.34 dBV/m	Grid 9 M4 34.72 dBV/m



0 dB = 60.19 V/m = 35.59 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 = 51.82 V/m; Power Drift = -0.01 dB

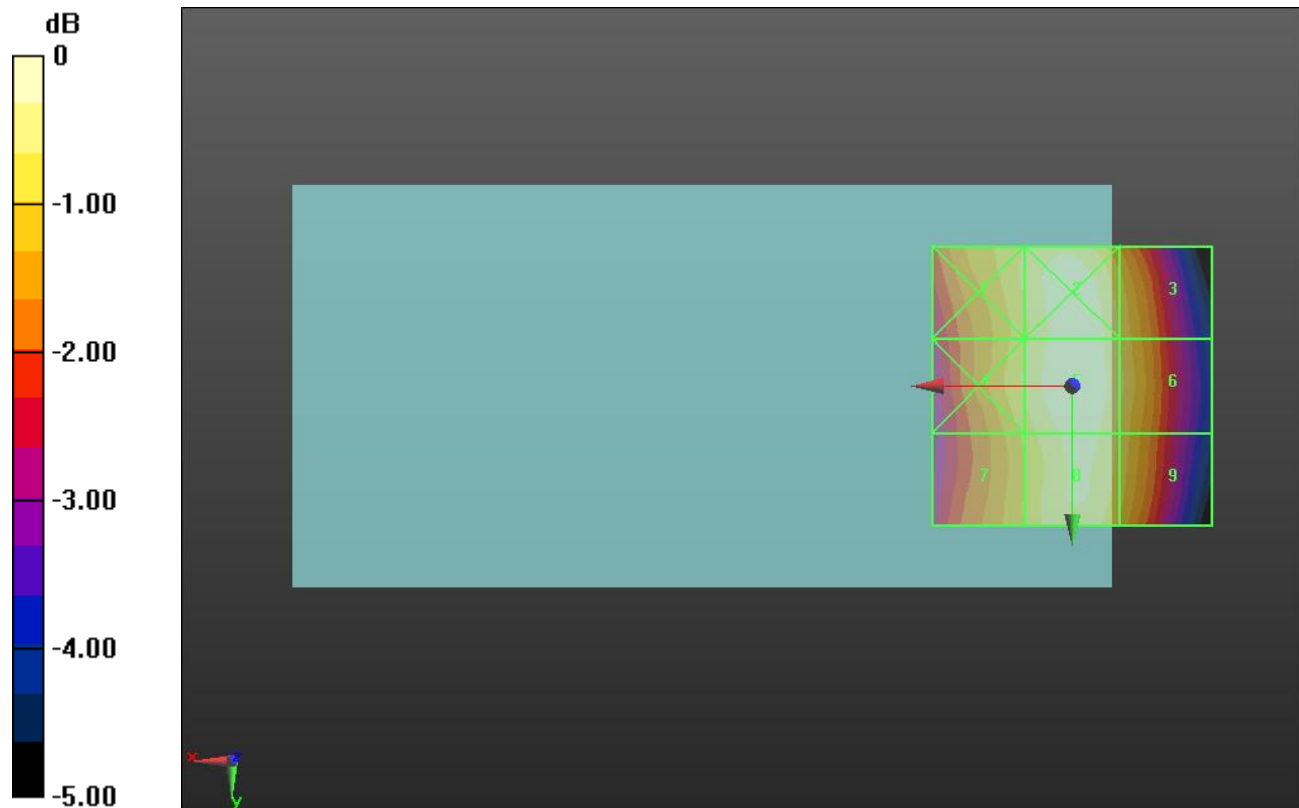
Applied MIF = 3.63 dB

RF audio interference level = 35.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.74 dBV/m	Grid 2 M4 35.23 dBV/m	Grid 3 M4 34.66 dBV/m
Grid 4 M4 34.74 dBV/m	Grid 5 M4 35.34 dBV/m	Grid 6 M4 34.78 dBV/m
Grid 7 M4 34.44 dBV/m	Grid 8 M4 35.11 dBV/m	Grid 9 M4 34.6 dBV/m



0 dB = 58.45 V/m = 35.34 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 12.58 V/m; Power Drift = -0.06 dB

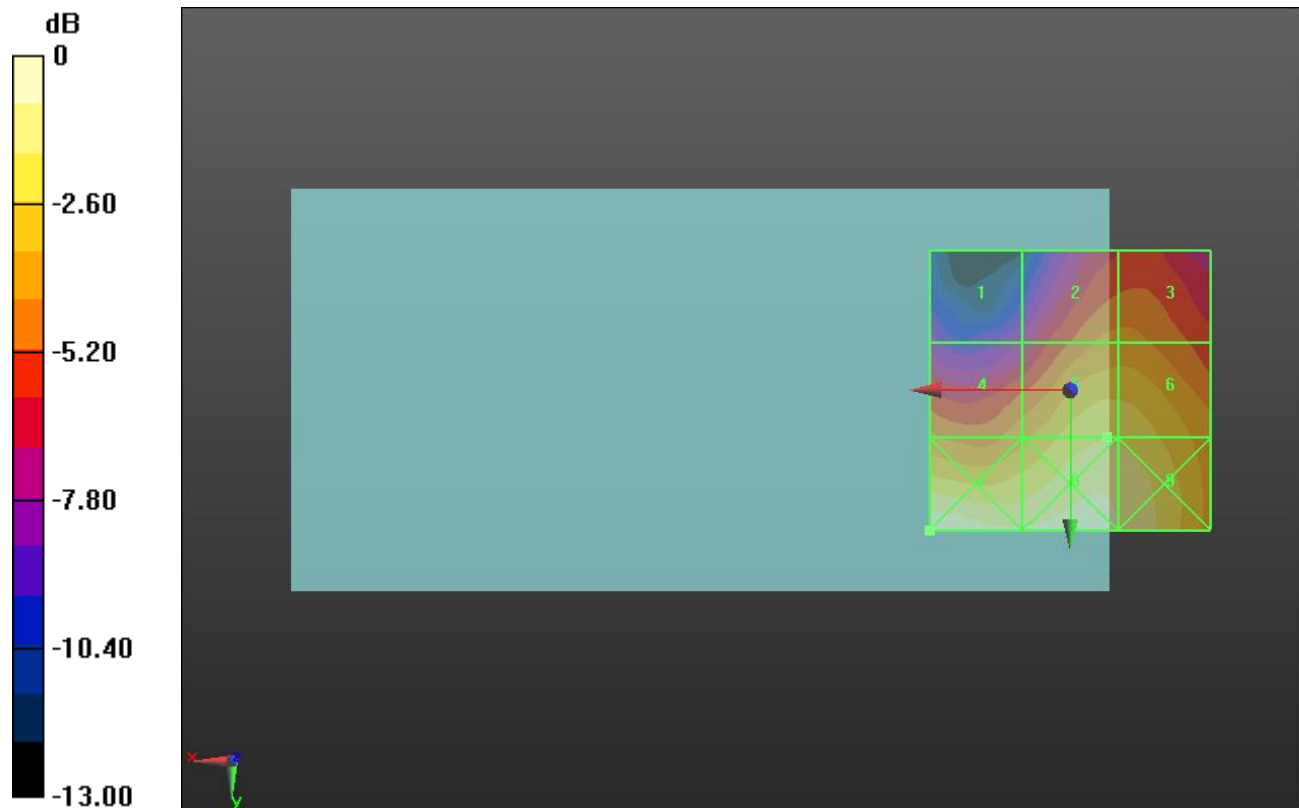
Applied MIF = 3.63 dB

RF audio interference level = 25.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.39 dBV/m	Grid 2 M4 22.89 dBV/m	Grid 3 M4 22.91 dBV/m
Grid 4 M4 23.17 dBV/m	Grid 5 M4 25.06 dBV/m	Grid 6 M4 25.02 dBV/m
Grid 7 M4 26.86 dBV/m	Grid 8 M4 26.26 dBV/m	Grid 9 M4 26.02 dBV/m



0 dB = 22.04 V/m = 26.86 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 = 10.32 V/m; Power Drift = 0.07 dB

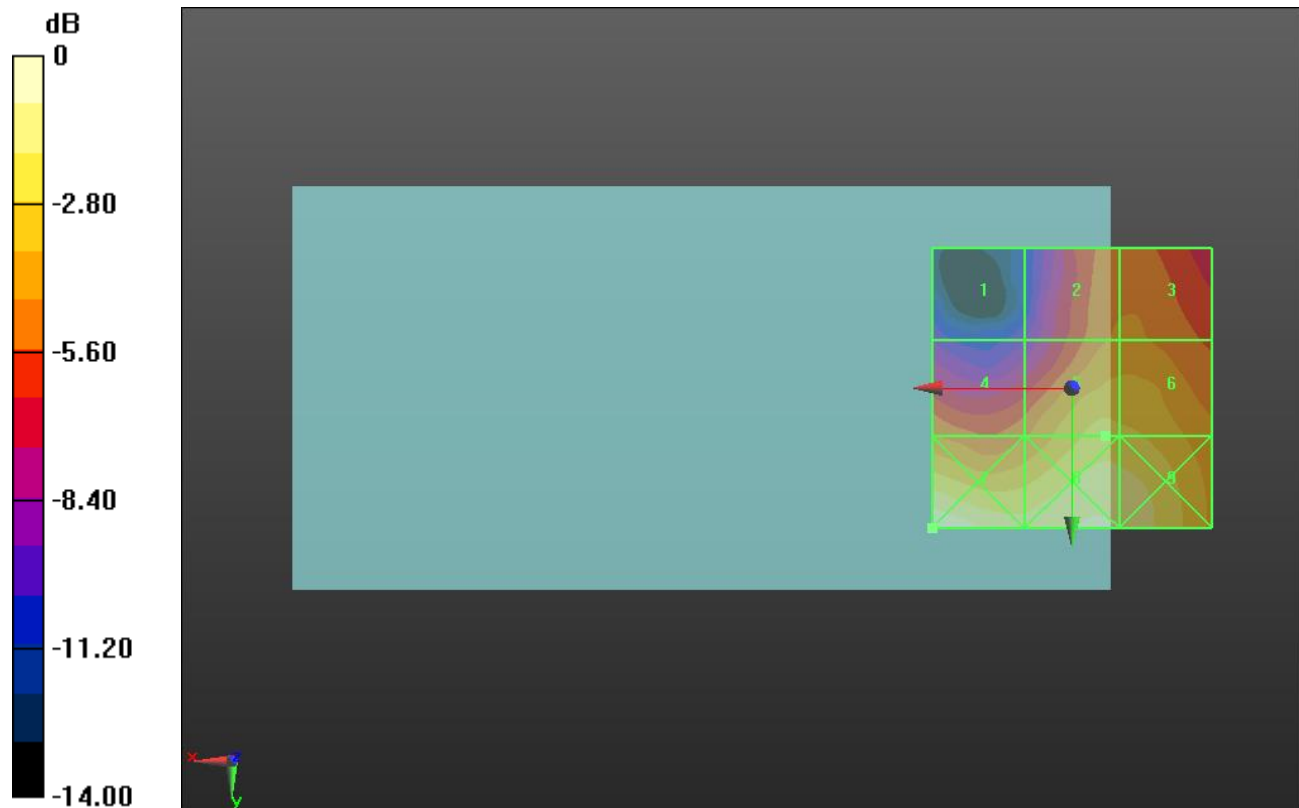
Applied MIF = 3.63 dB

RF audio interference level = 23.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.22 dBV/m	Grid 2 M4 22.01 dBV/m	Grid 3 M4 22.09 dBV/m
Grid 4 M4 21.81 dBV/m	Grid 5 M4 23.96 dBV/m	Grid 6 M4 23.86 dBV/m
Grid 7 M4 26.33 dBV/m	Grid 8 M4 25.58 dBV/m	Grid 9 M4 25.37 dBV/m



0 dB = 20.73 V/m = 26.33 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 14.73 V/m; Power Drift = -0.06 dB

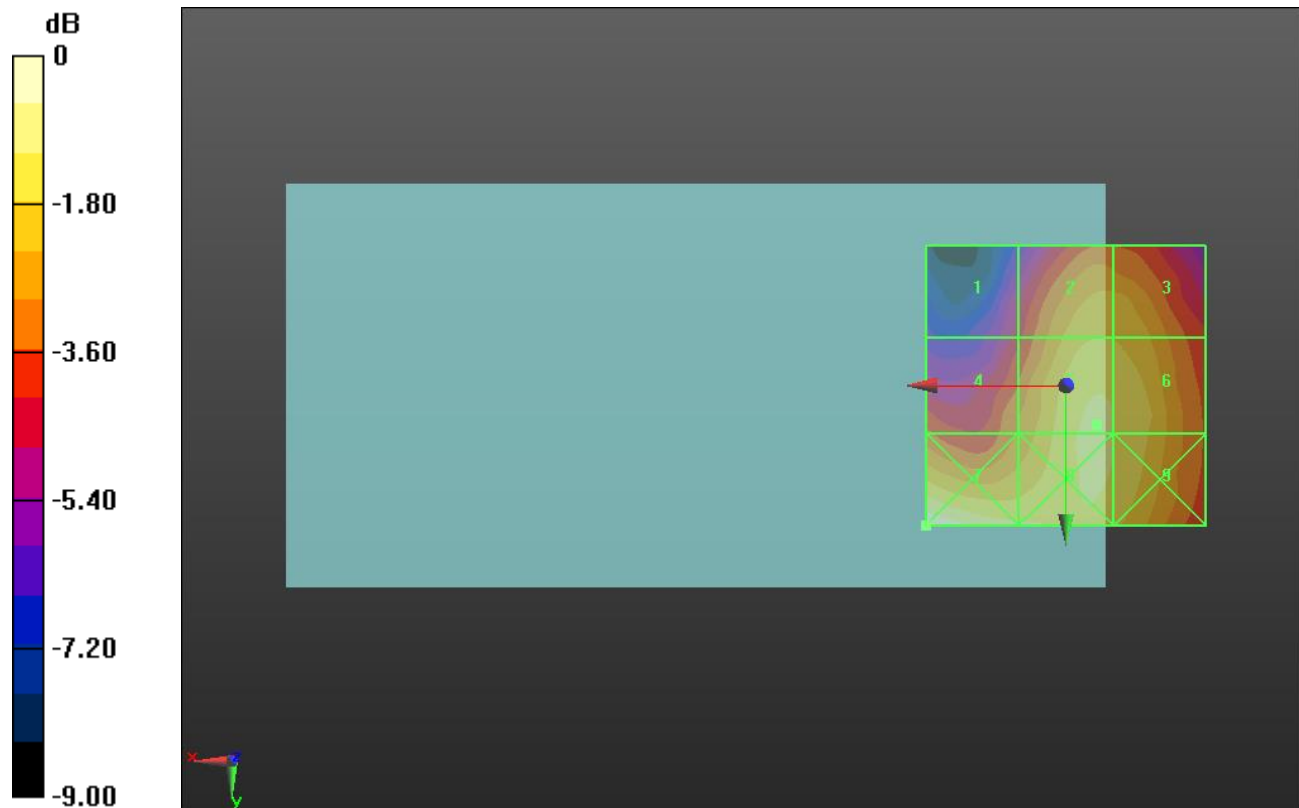
Applied MIF = 3.63 dB

RF audio interference level = 25.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.97 dBV/m	Grid 2 M4 24.58 dBV/m	Grid 3 M4 24.52 dBV/m
Grid 4 M4 23.43 dBV/m	Grid 5 M4 25.25 dBV/m	Grid 6 M4 25.16 dBV/m
Grid 7 M4 26.34 dBV/m	Grid 8 M4 25.25 dBV/m	Grid 9 M4 25.13 dBV/m



0 dB = 20.74 V/m = 26.34 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 = 15.91 V/m; Power Drift = 0.06 dB

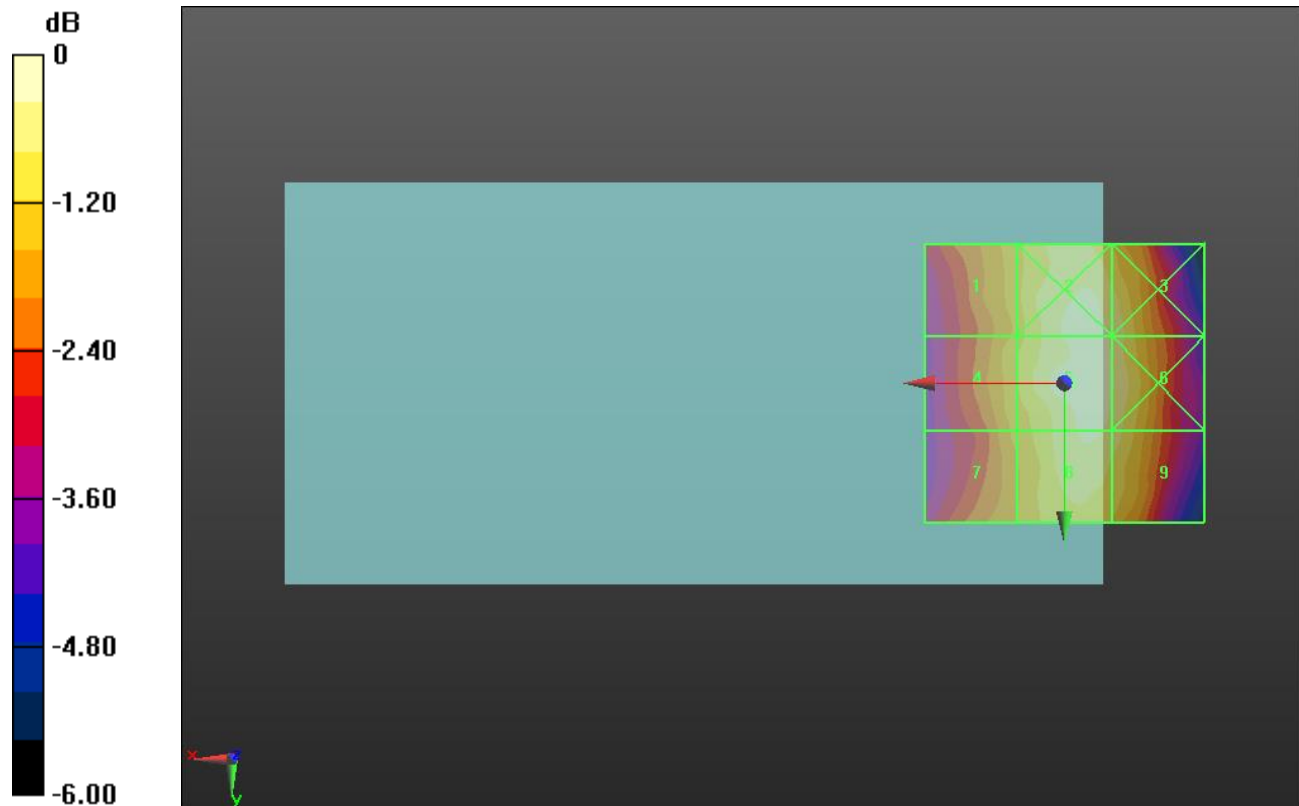
Applied MIF = 3.26 dB

RF audio interference level = 24.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.32 dBV/m	Grid 2 M4 24.39 dBV/m	Grid 3 M4 24.15 dBV/m
Grid 4 M4 23.39 dBV/m	Grid 5 M4 24.6 dBV/m	Grid 6 M4 24.25 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 24.28 dBV/m	Grid 9 M4 24.06 dBV/m



0 dB = 16.99 V/m = 24.60 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 = 13.82 V/m; Power Drift = 0.01 dB

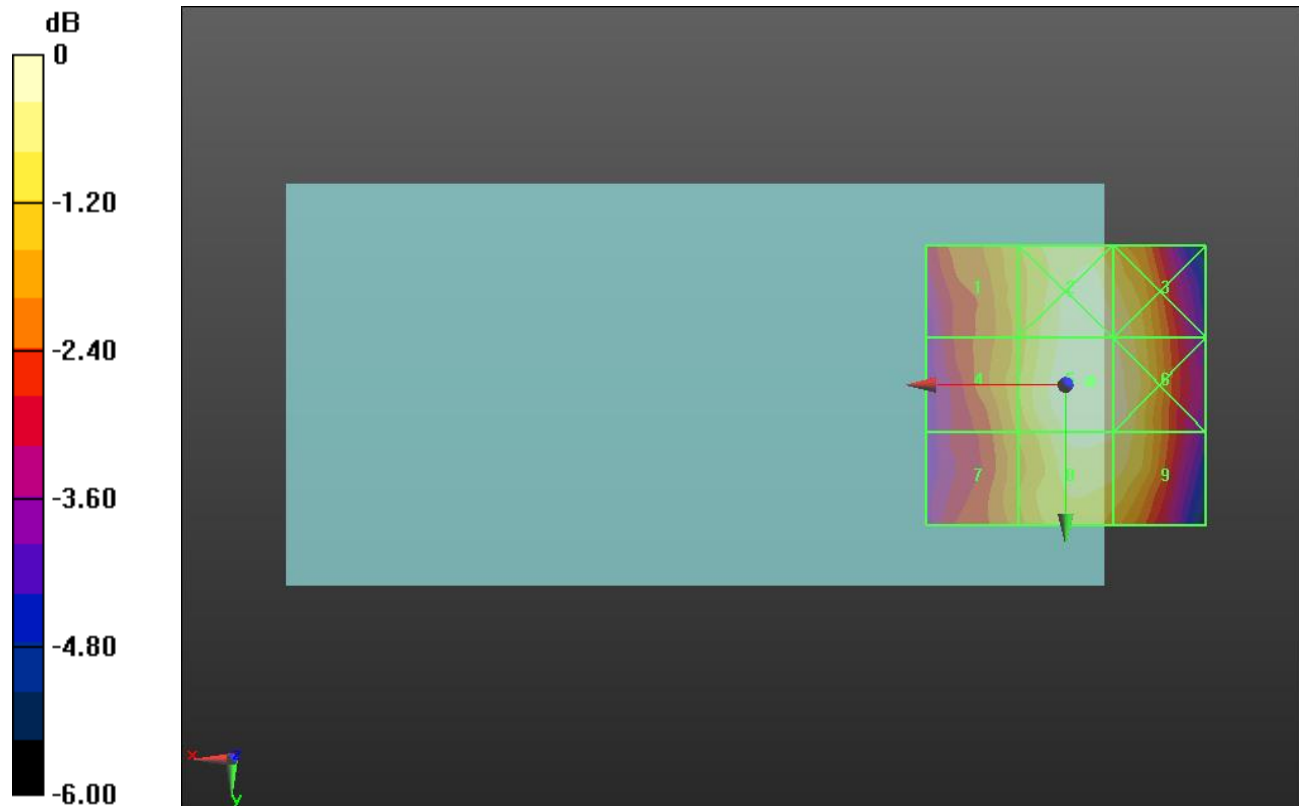
Applied MIF = 3.26 dB

RF audio interference level = 23.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.19 dBV/m	Grid 2 M4 23.33 dBV/m	Grid 3 M4 23.12 dBV/m
Grid 4 M4 22.17 dBV/m	Grid 5 M4 23.42 dBV/m	Grid 6 M4 23.31 dBV/m
Grid 7 M4 21.88 dBV/m	Grid 8 M4 23.14 dBV/m	Grid 9 M4 23.06 dBV/m



0 dB = 14.82 V/m = 23.42 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 = 14.85 V/m; Power Drift = -0.04 dB

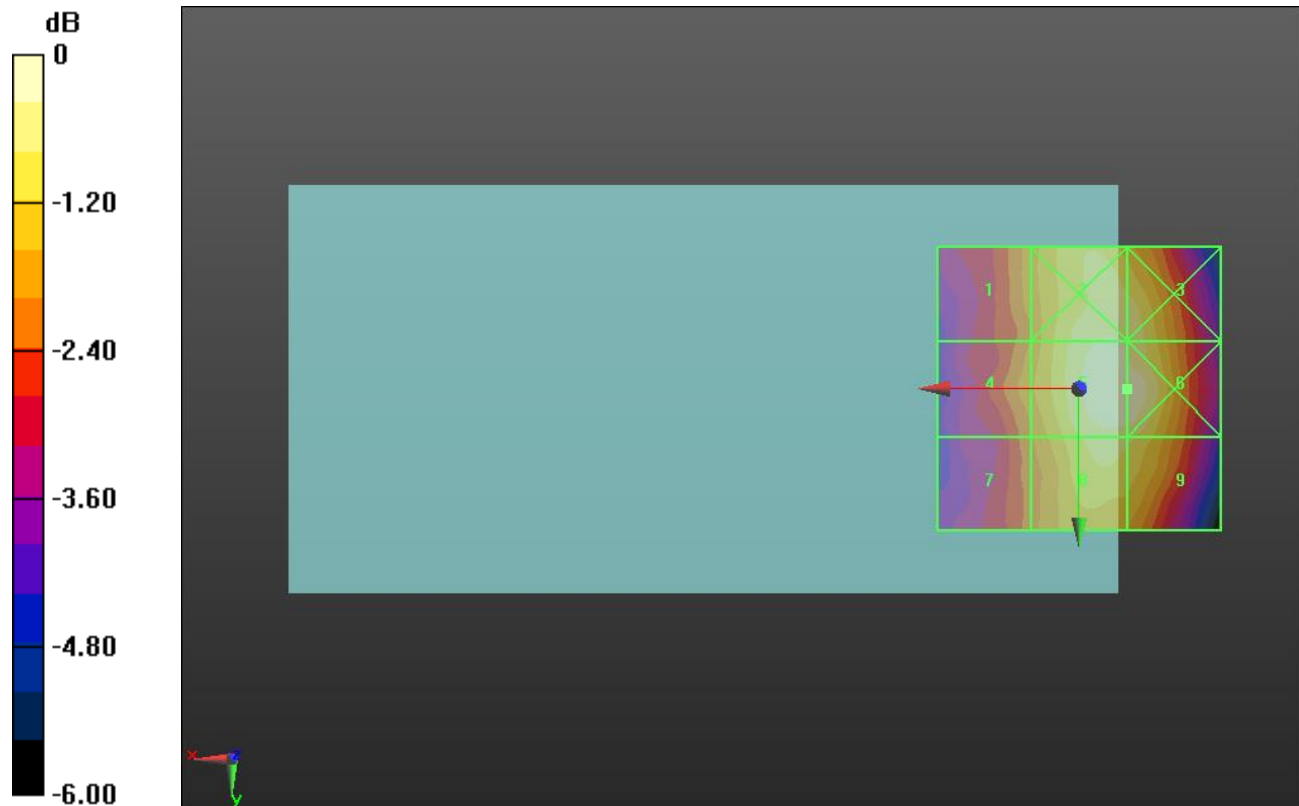
Applied MIF = 3.26 dB

RF audio interference level = 23.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.19 dBV/m	Grid 2 M4 23.58 dBV/m	Grid 3 M4 23.52 dBV/m
Grid 4 M4 22.29 dBV/m	Grid 5 M4 23.95 dBV/m	Grid 6 M4 23.95 dBV/m
Grid 7 M4 21.9 dBV/m	Grid 8 M4 23.41 dBV/m	Grid 9 M4 23.3 dBV/m



0 dB = 15.76 V/m = 23.95 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 = 5.040 V/m; Power Drift = -0.22 dB

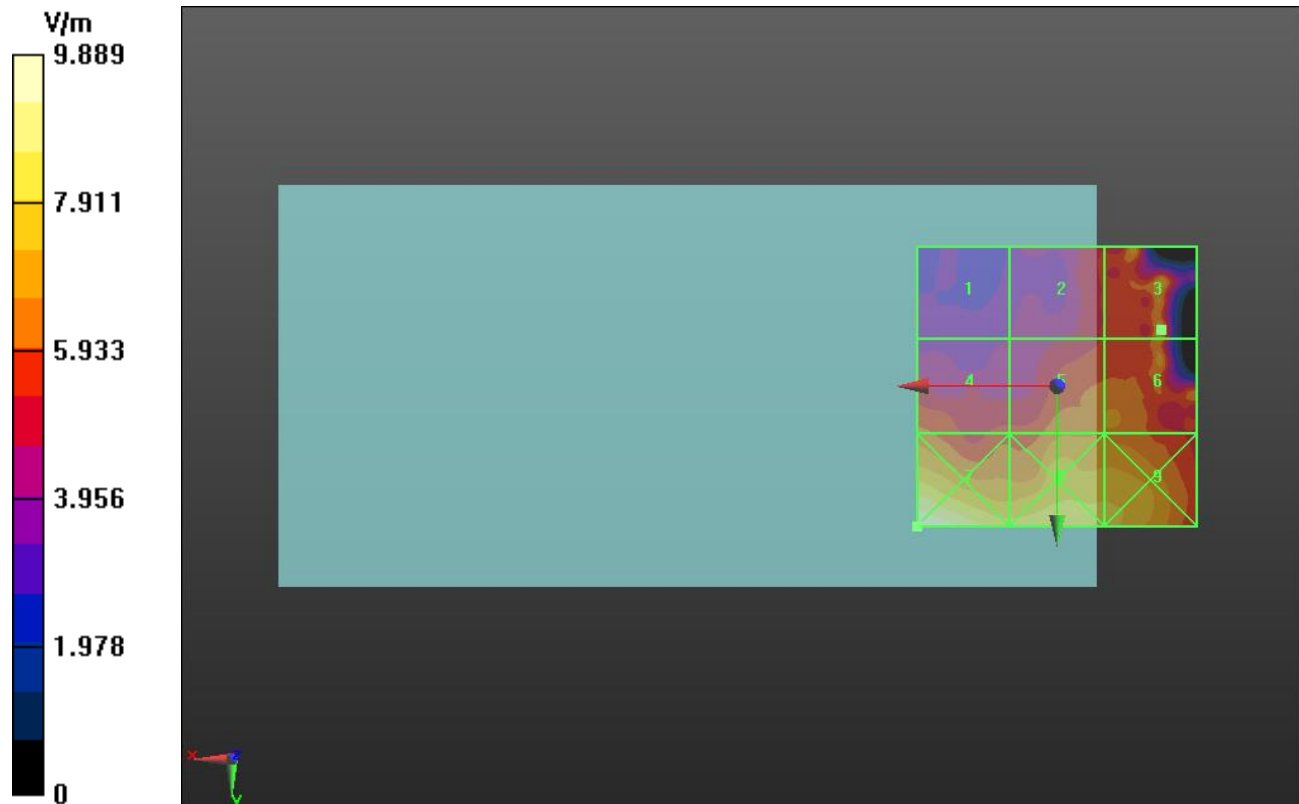
Applied MIF = 3.26 dB

RF audio interference level = 17.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.07 dBV/m	Grid 2 M4 14.85 dBV/m	Grid 3 M4 17.56 dBV/m
Grid 4 M4 15.89 dBV/m	Grid 5 M4 16.42 dBV/m	Grid 6 M4 16.82 dBV/m
Grid 7 M4 19.9 dBV/m	Grid 8 M4 18.65 dBV/m	Grid 9 M4 18.21 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 = 6.142 V/m; Power Drift = -0.06 dB

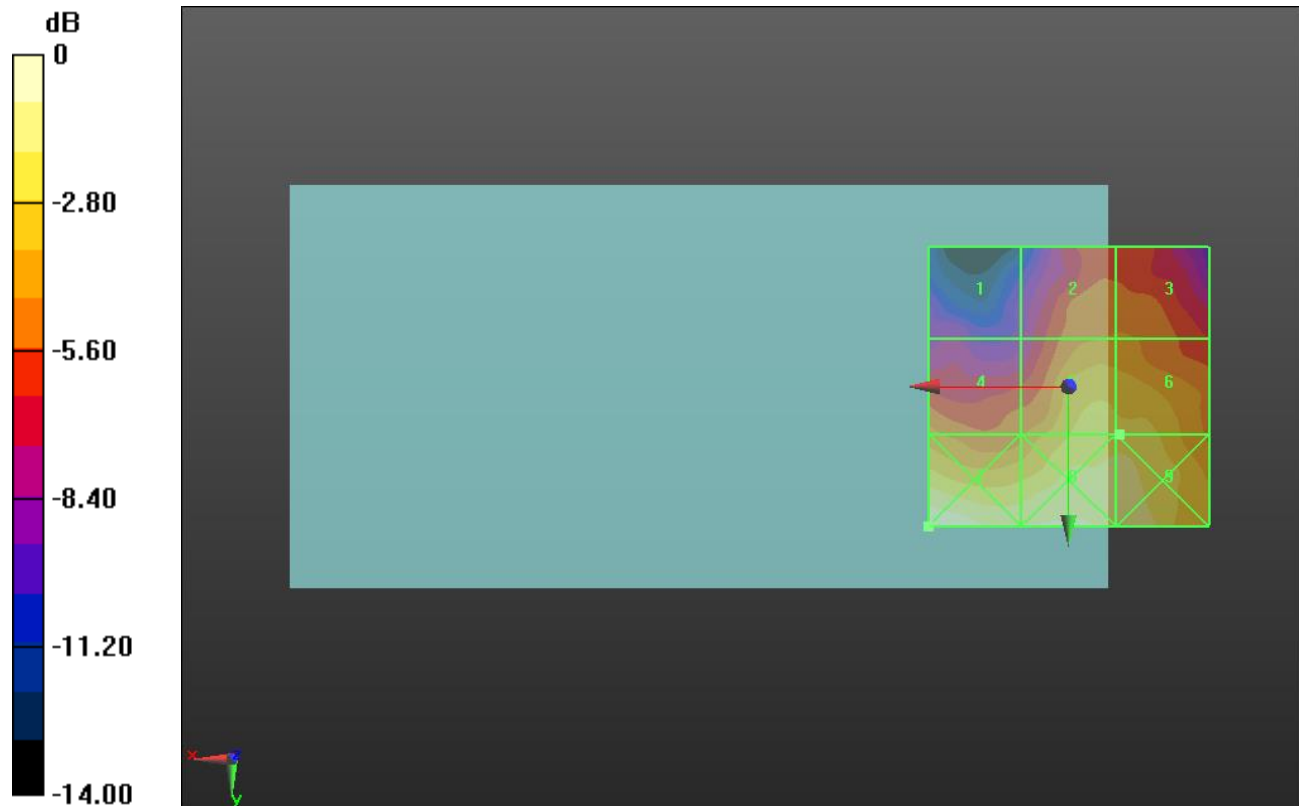
Applied MIF = 3.26 dB

RF audio interference level = 18.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.29 dBV/m	Grid 2 M4 16.02 dBV/m	Grid 3 M4 16.02 dBV/m
Grid 4 M4 16.27 dBV/m	Grid 5 M4 18.32 dBV/m	Grid 6 M4 18.33 dBV/m
Grid 7 M4 20.55 dBV/m	Grid 8 M4 19.76 dBV/m	Grid 9 M4 19.31 dBV/m



0 dB = 10.65 V/m = 20.55 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.881 V/m; Power Drift = 0.04 dB

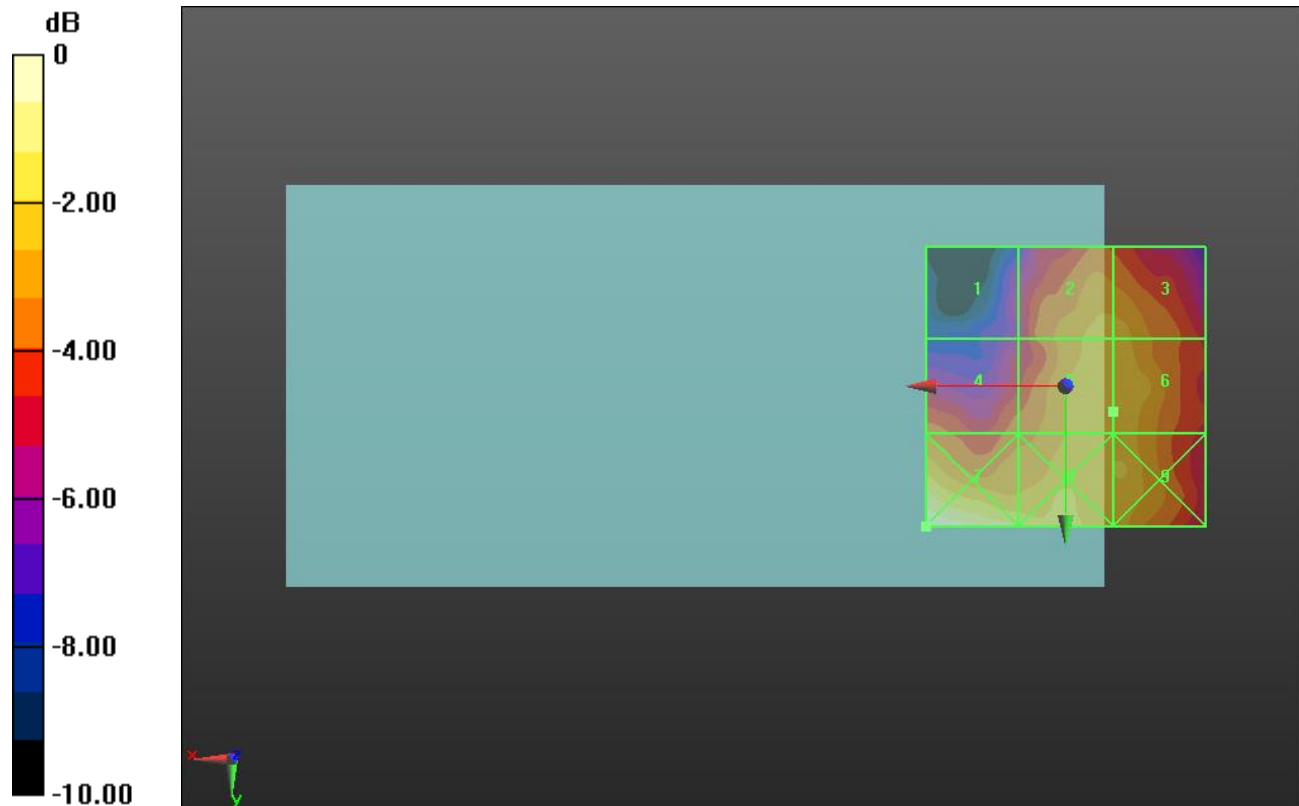
Applied MIF = 3.26 dB

RF audio interference level = 18.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.66 dBV/m	Grid 2 M4 17.92 dBV/m	Grid 3 M4 17.92 dBV/m
Grid 4 M4 16.82 dBV/m	Grid 5 M4 18.24 dBV/m	Grid 6 M4 18.24 dBV/m
Grid 7 M4 20.27 dBV/m	Grid 8 M4 18.98 dBV/m	Grid 9 M4 18.41 dBV/m



0 dB = 10.32 V/m = 20.27 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.53 V/m; Power Drift = -0.10 dB

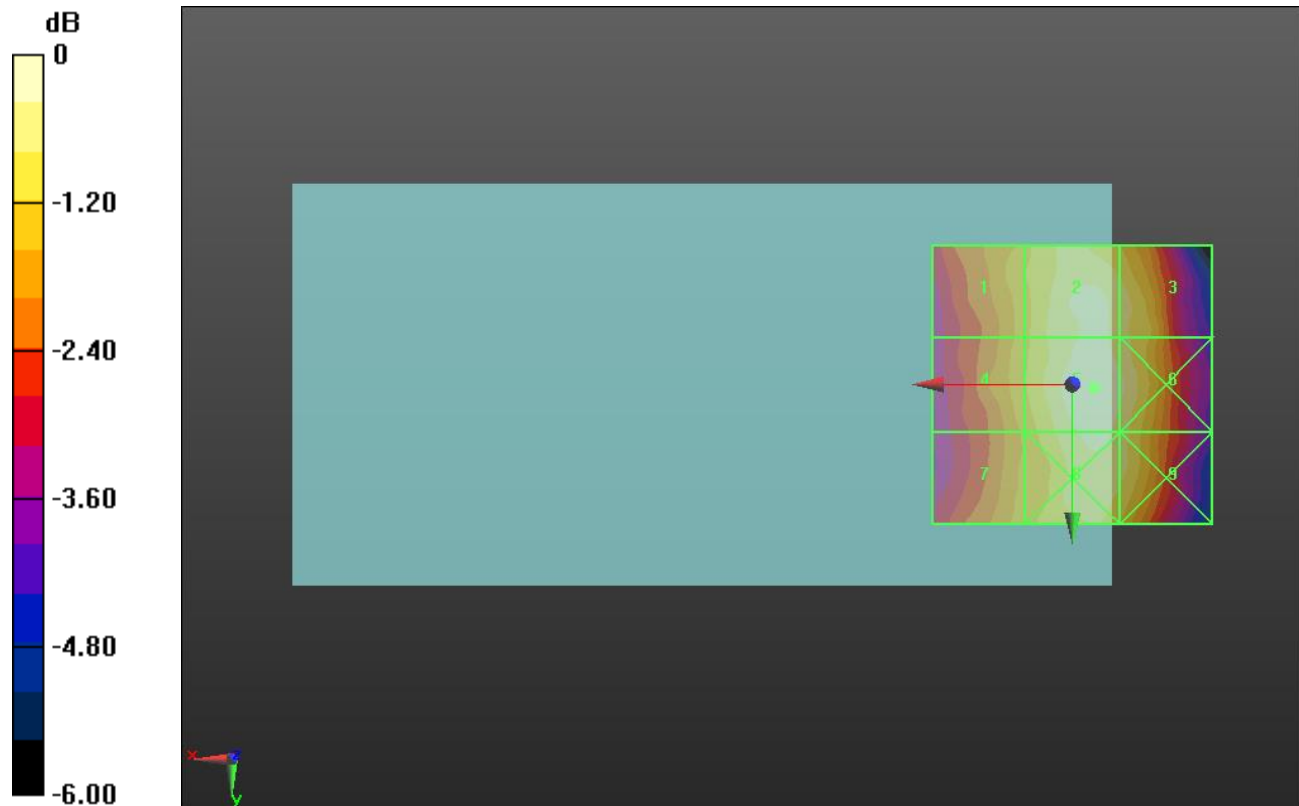
Applied MIF = 3.26 dB

RF audio interference level = 23.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.62 dBV/m	Grid 2 M4 23.55 dBV/m	Grid 3 M4 23.3 dBV/m
Grid 4 M4 22.59 dBV/m	Grid 5 M4 23.82 dBV/m	Grid 6 M4 23.53 dBV/m
Grid 7 M4 22.47 dBV/m	Grid 8 M4 23.56 dBV/m	Grid 9 M4 23.27 dBV/m



0 dB = 15.53 V/m = 23.82 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 = 13.68 V/m; Power Drift = -0.12 dB

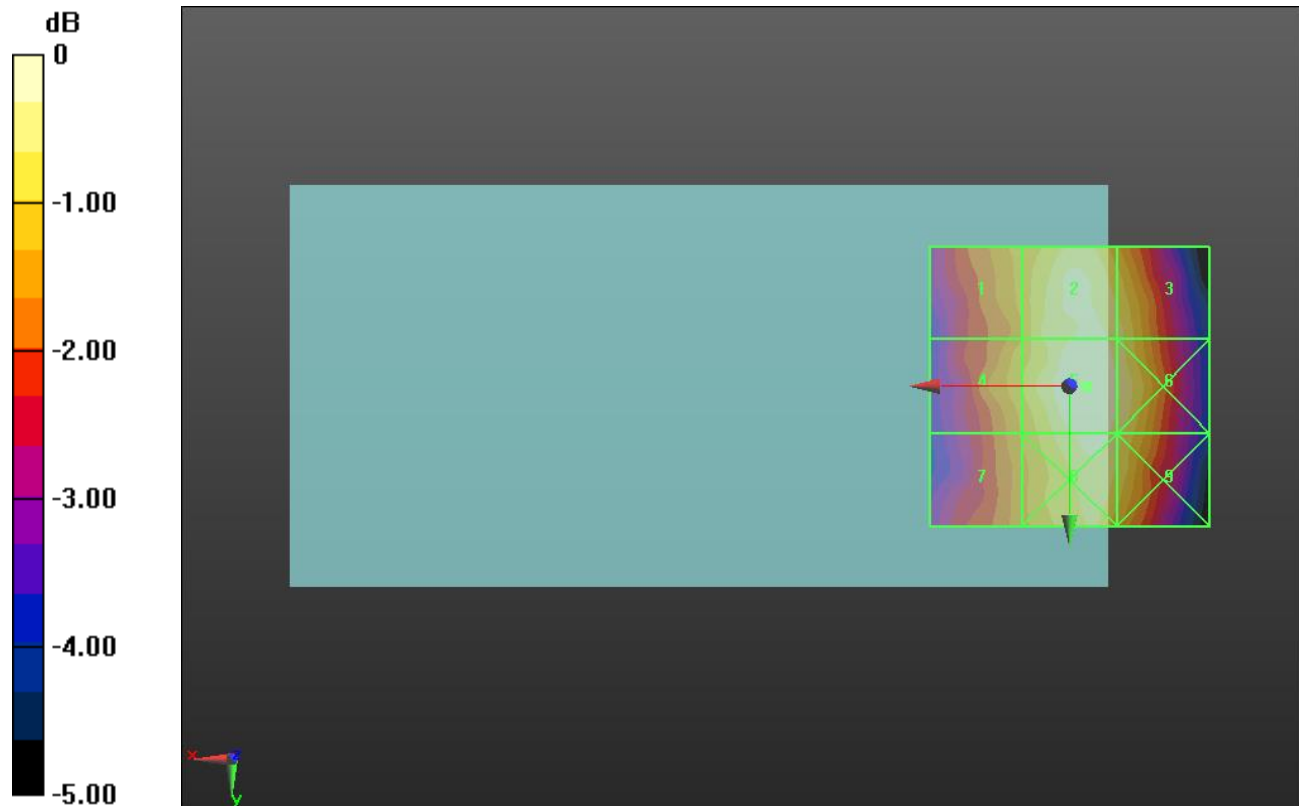
Applied MIF = 3.26 dB

RF audio interference level = 23.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.21 dBV/m	Grid 2 M4 23.17 dBV/m	Grid 3 M4 22.89 dBV/m
Grid 4 M4 22.39 dBV/m	Grid 5 M4 23.38 dBV/m	Grid 6 M4 23.11 dBV/m
Grid 7 M4 22.09 dBV/m	Grid 8 M4 23.22 dBV/m	Grid 9 M4 22.87 dBV/m



0 dB = 14.76 V/m = 23.38 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 = 14.50 V/m; Power Drift = -0.10 dB

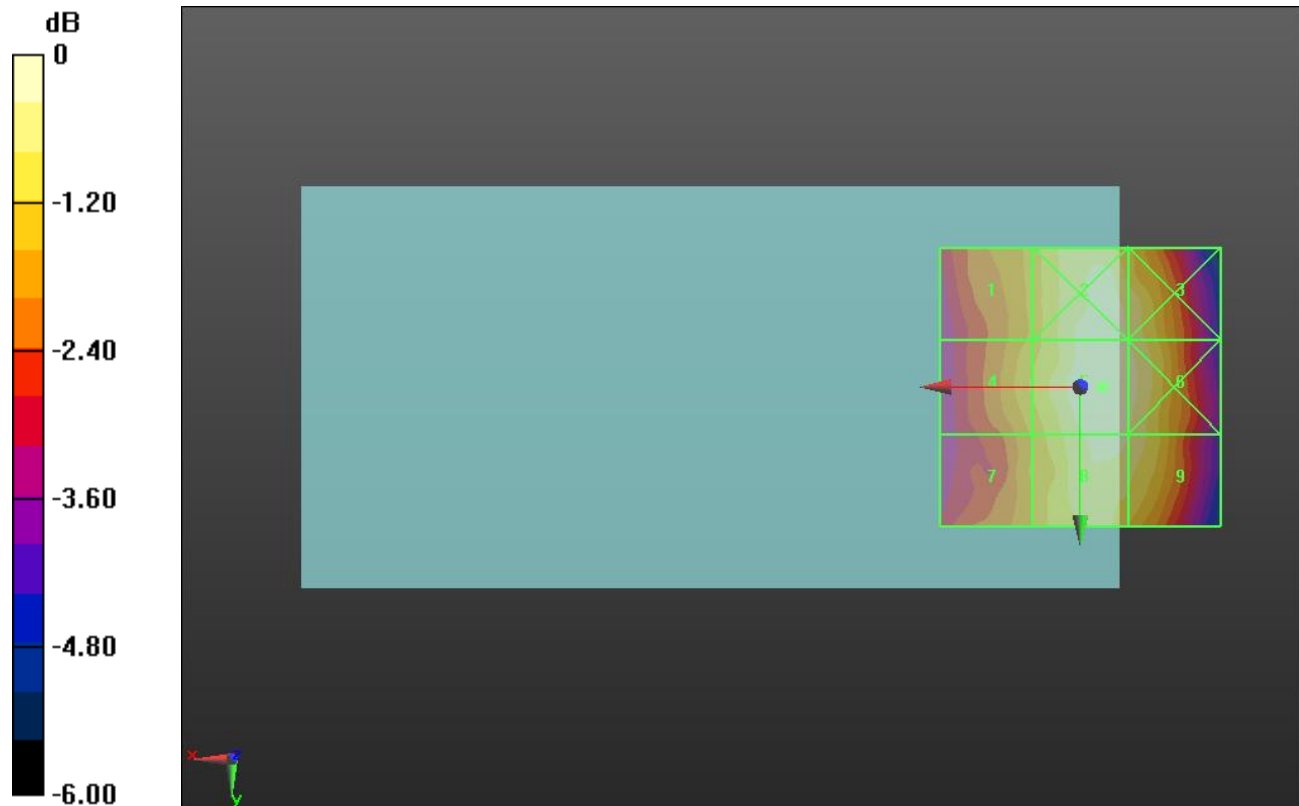
Applied MIF = 3.26 dB

RF audio interference level = 23.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.34 dBV/m	Grid 2 M4 23.57 dBV/m	Grid 3 M4 23.34 dBV/m
Grid 4 M4 22.61 dBV/m	Grid 5 M4 23.75 dBV/m	Grid 6 M4 23.55 dBV/m
Grid 7 M4 22.23 dBV/m	Grid 8 M4 23.55 dBV/m	Grid 9 M4 23.37 dBV/m



0 dB = 15.39 V/m = 23.74 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.691 V/m; Power Drift = 0.03 dB

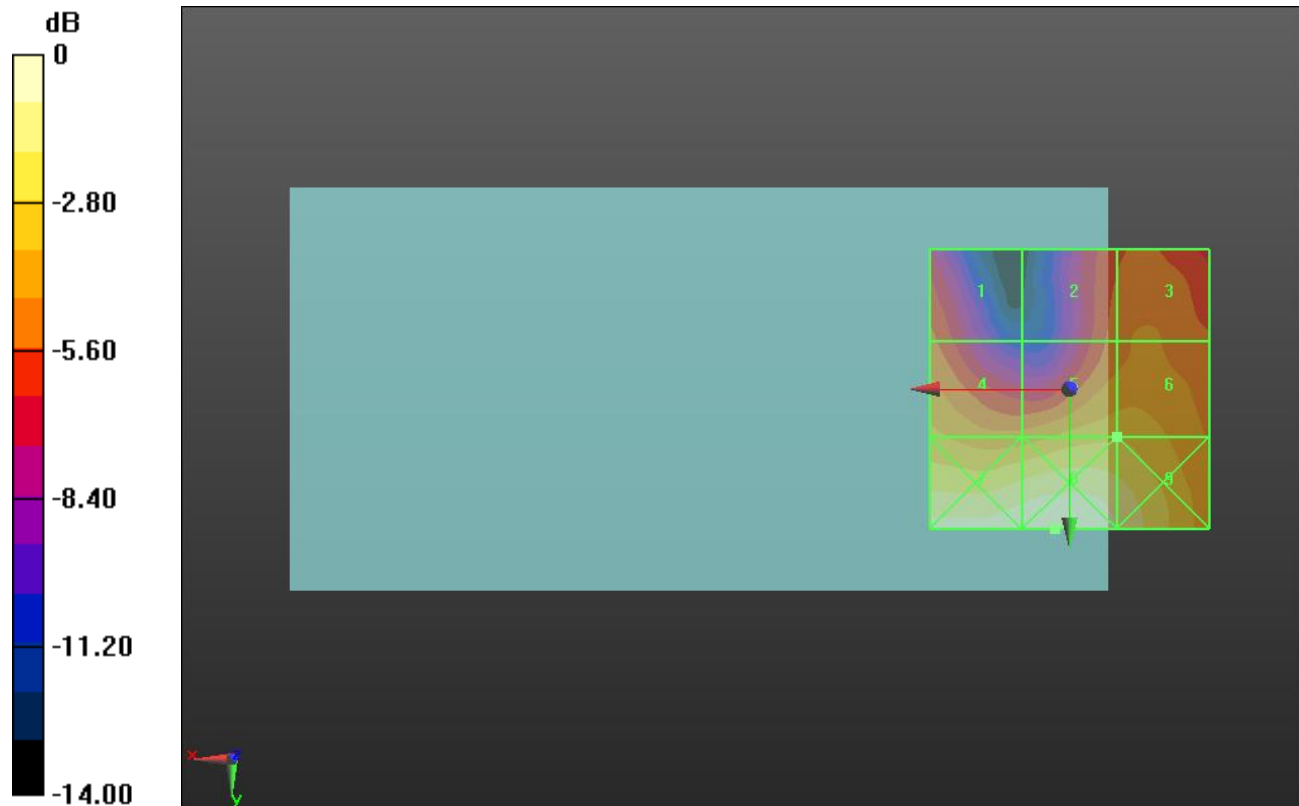
Applied MIF = -1.44 dB

RF audio interference level = 19.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.17 dBV/m	Grid 2 M4 17.35 dBV/m	Grid 3 M4 17.85 dBV/m
Grid 4 M4 18.98 dBV/m	Grid 5 M4 19.44 dBV/m	Grid 6 M4 19.44 dBV/m
Grid 7 M4 22.22 dBV/m	Grid 8 M4 22.4 dBV/m	Grid 9 M4 21.46 dBV/m



0 dB = 13.18 V/m = 22.40 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 = 9.877 V/m; Power Drift = 0.17 dB

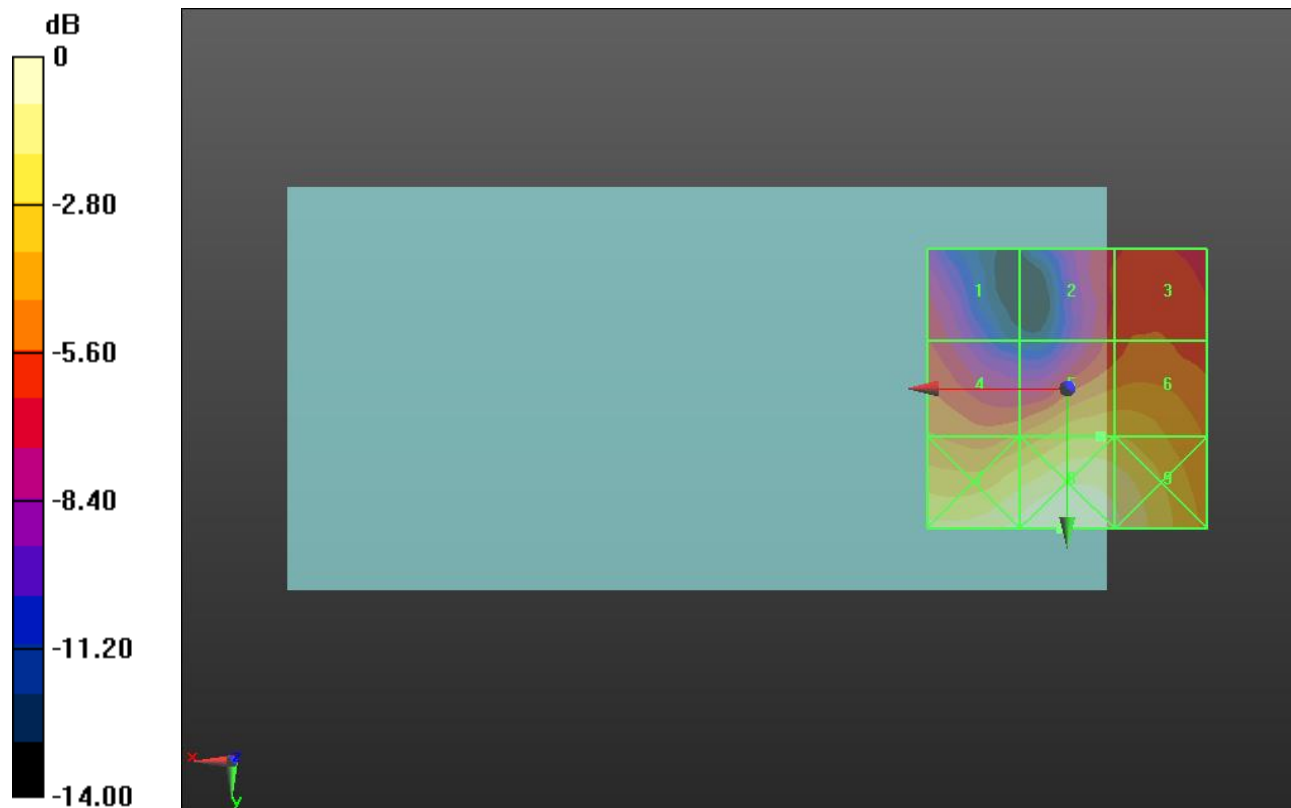
Applied MIF = -1.44 dB

RF audio interference level = 20.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.91 dBV/m	Grid 2 M4 17.32 dBV/m	Grid 3 M4 17.88 dBV/m
Grid 4 M4 18.85 dBV/m	Grid 5 M4 20.64 dBV/m	Grid 6 M4 20.59 dBV/m
Grid 7 M4 22.77 dBV/m	Grid 8 M4 23.35 dBV/m	Grid 9 M4 22.63 dBV/m



0 dB = 14.71 V/m = 23.35 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.88 V/m; Power Drift = -0.07 dB

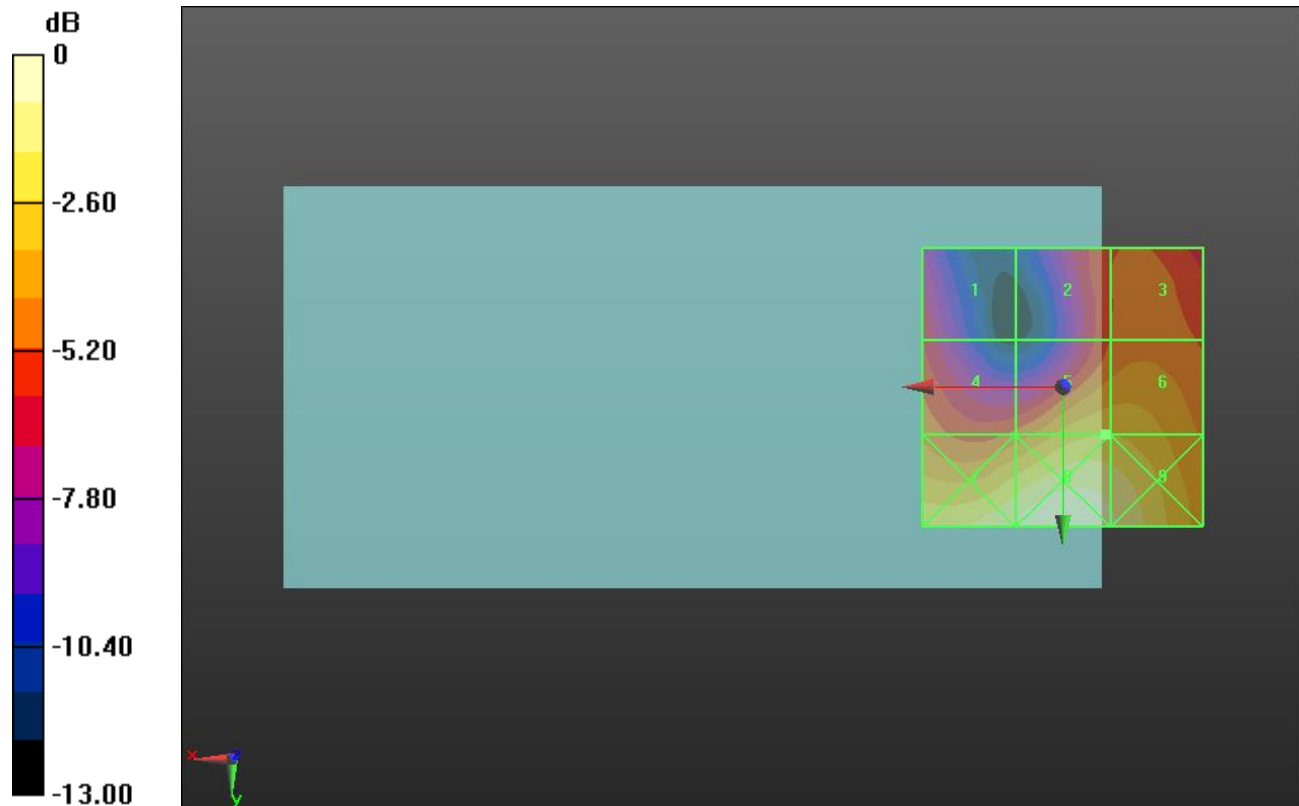
Applied MIF = -1.44 dB

RF audio interference level = 21.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.39 dBV/m	Grid 2 M4 19.23 dBV/m	Grid 3 M4 19.83 dBV/m
Grid 4 M4 19.9 dBV/m	Grid 5 M4 21.79 dBV/m	Grid 6 M4 21.78 dBV/m
Grid 7 M4 23.75 dBV/m	Grid 8 M4 24.37 dBV/m	Grid 9 M4 23.7 dBV/m



0 dB = 16.55 V/m = 24.38 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.64 V/m; Power Drift = -0.19 dB

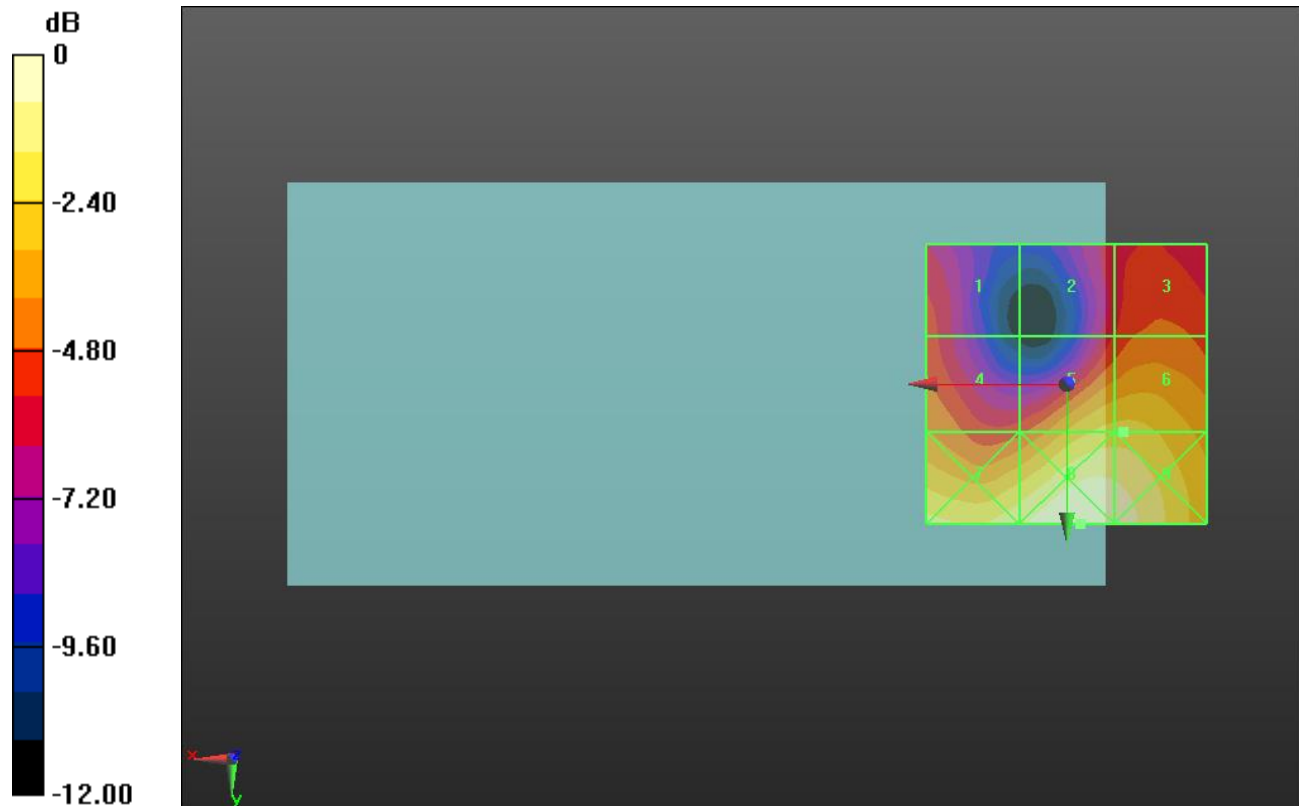
Applied MIF = -1.44 dB

RF audio interference level = 22.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.2 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 19.78 dBV/m
Grid 4 M4 20.41 dBV/m	Grid 5 M4 22.24 dBV/m	Grid 6 M4 22.27 dBV/m
Grid 7 M4 23.36 dBV/m	Grid 8 M4 24.32 dBV/m	Grid 9 M4 24.03 dBV/m



0 dB = 16.44 V/m = 24.32 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.25 V/m; Power Drift = -0.16 dB

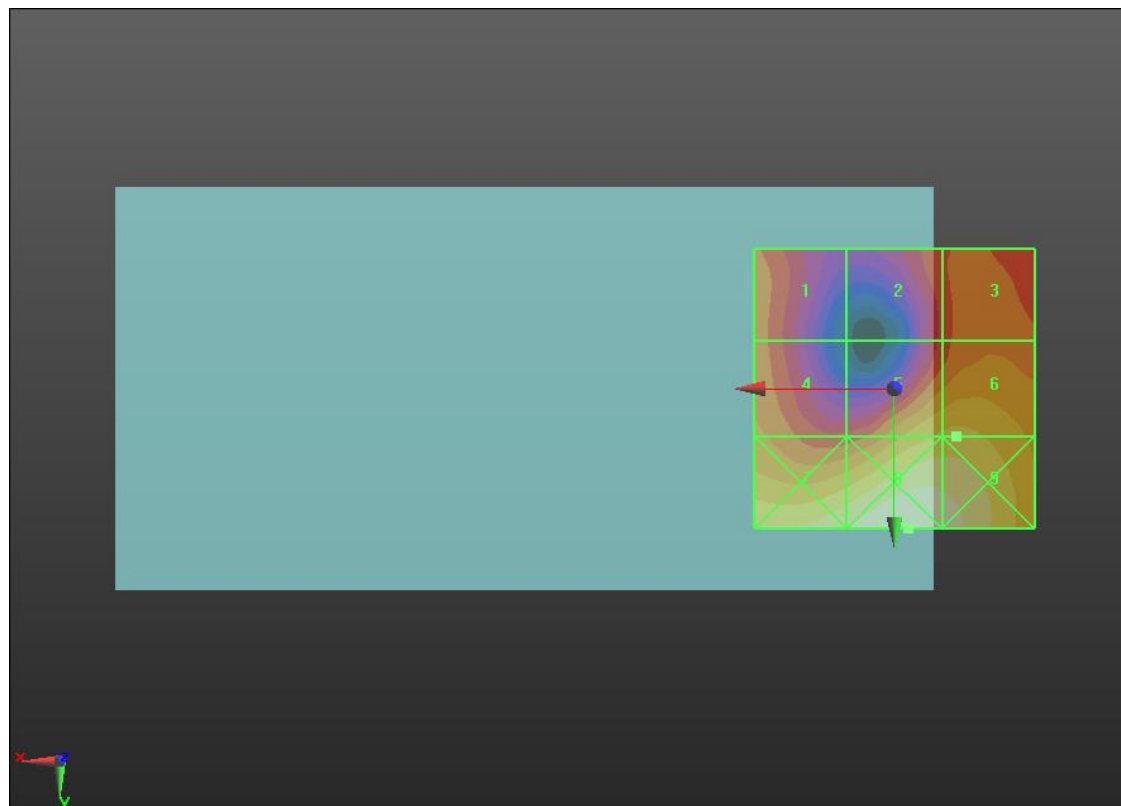
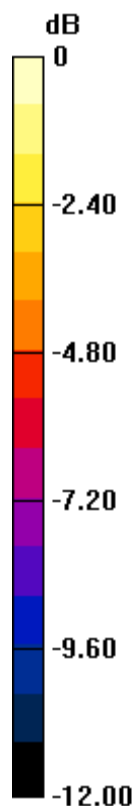
Applied MIF = -1.44 dB

RF audio interference level = 22.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.94 dBV/m	Grid 2 M4 19.3 dBV/m	Grid 3 M4 20.14 dBV/m
Grid 4 M4 20.45 dBV/m	Grid 5 M4 21.98 dBV/m	Grid 6 M4 22.07 dBV/m
Grid 7 M4 23.43 dBV/m	Grid 8 M4 24.21 dBV/m	Grid 9 M4 23.89 dBV/m



0 dB = 16.24 V/m = 24.21 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):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.518 V/m; Power Drift = -0.00 dB

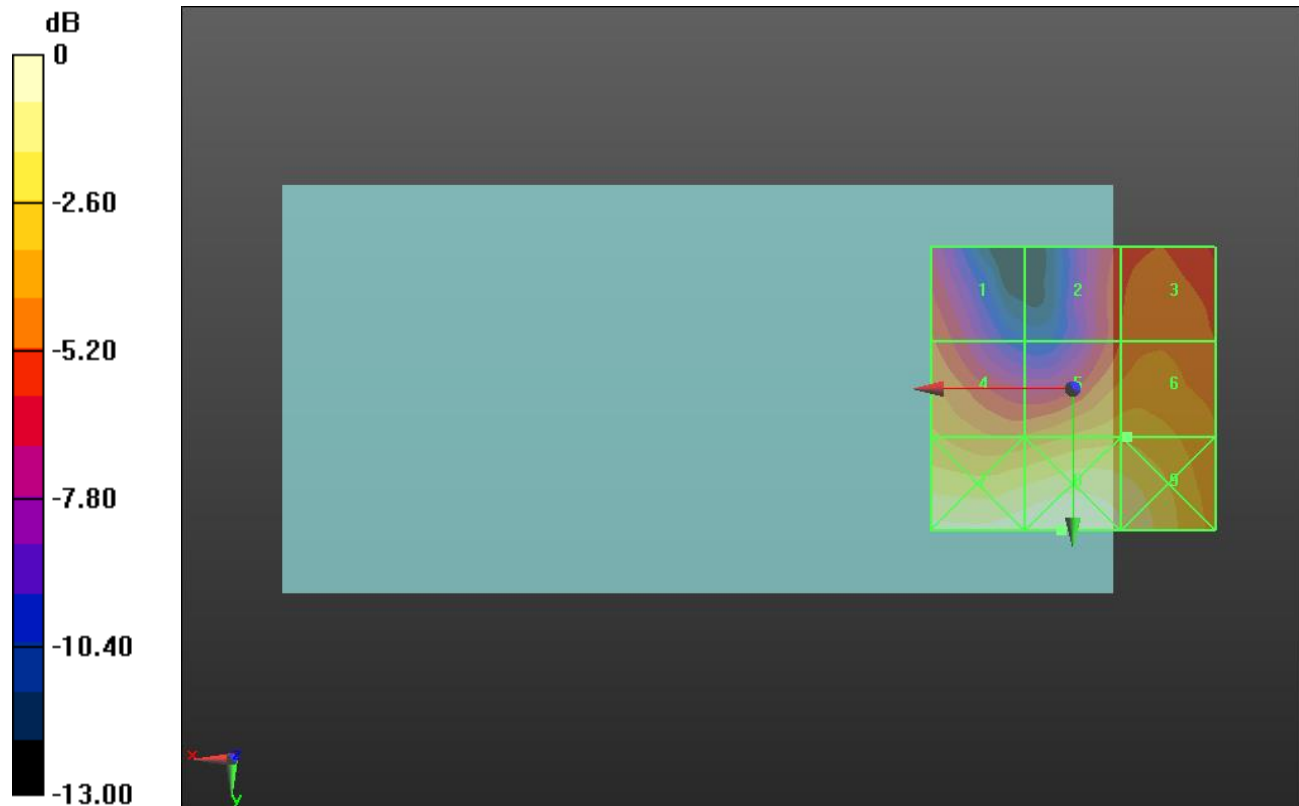
Applied MIF = -1.44 dB

RF audio interference level = 20.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.4 dBV/m	Grid 2 M4 18.33 dBV/m	Grid 3 M4 19.05 dBV/m
Grid 4 M4 20.21 dBV/m	Grid 5 M4 20.64 dBV/m	Grid 6 M4 20.65 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 23.44 dBV/m	Grid 9 M4 22.64 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: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41 Power Class 2 E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 40185/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.00 V/m; Power Drift = 0.07 dB

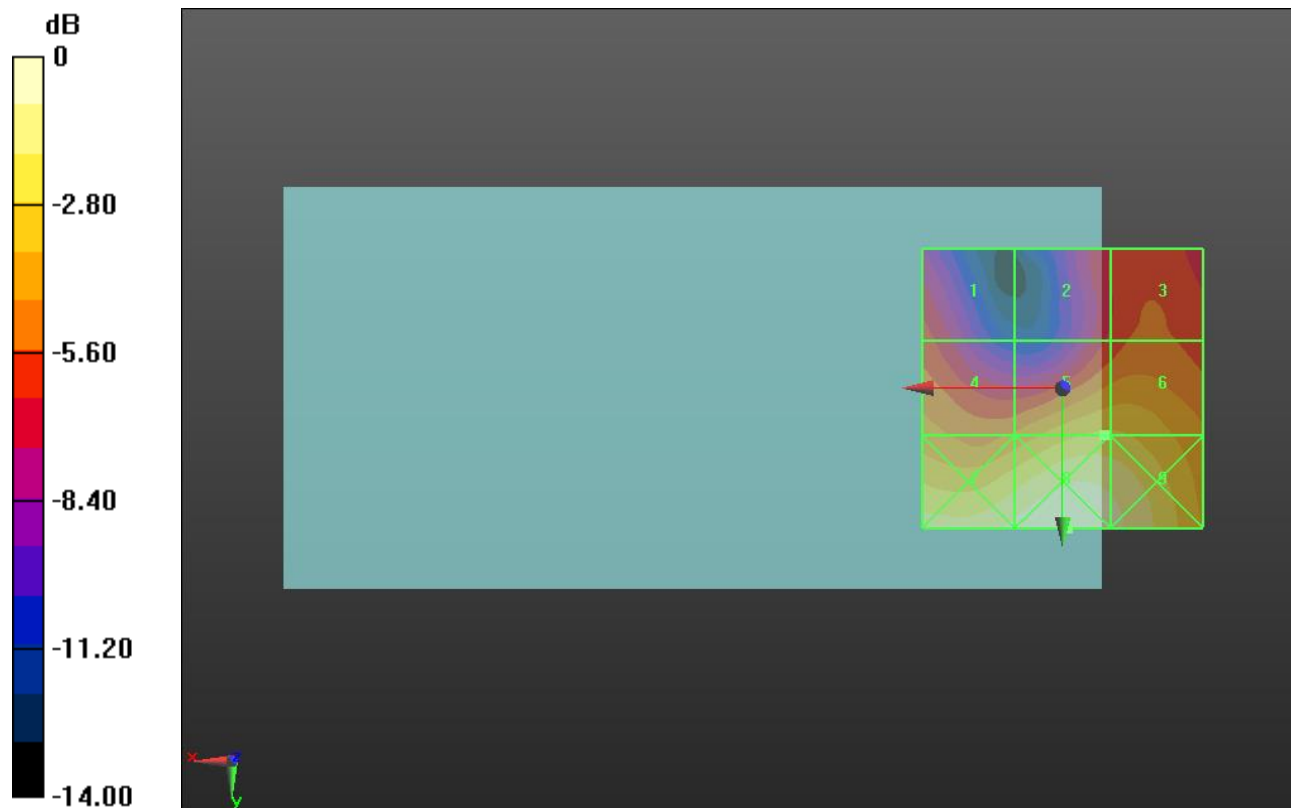
Applied MIF = -1.44 dB

RF audio interference level = 21.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.2 dBV/m	Grid 2 M4 18 dBV/m	Grid 3 M4 18.92 dBV/m
Grid 4 M4 20.06 dBV/m	Grid 5 M4 21.64 dBV/m	Grid 6 M4 21.63 dBV/m
Grid 7 M4 23.57 dBV/m	Grid 8 M4 24.23 dBV/m	Grid 9 M4 23.66 dBV/m



0 dB = 16.27 V/m = 24.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.00 V/m; Power Drift = -0.08 dB

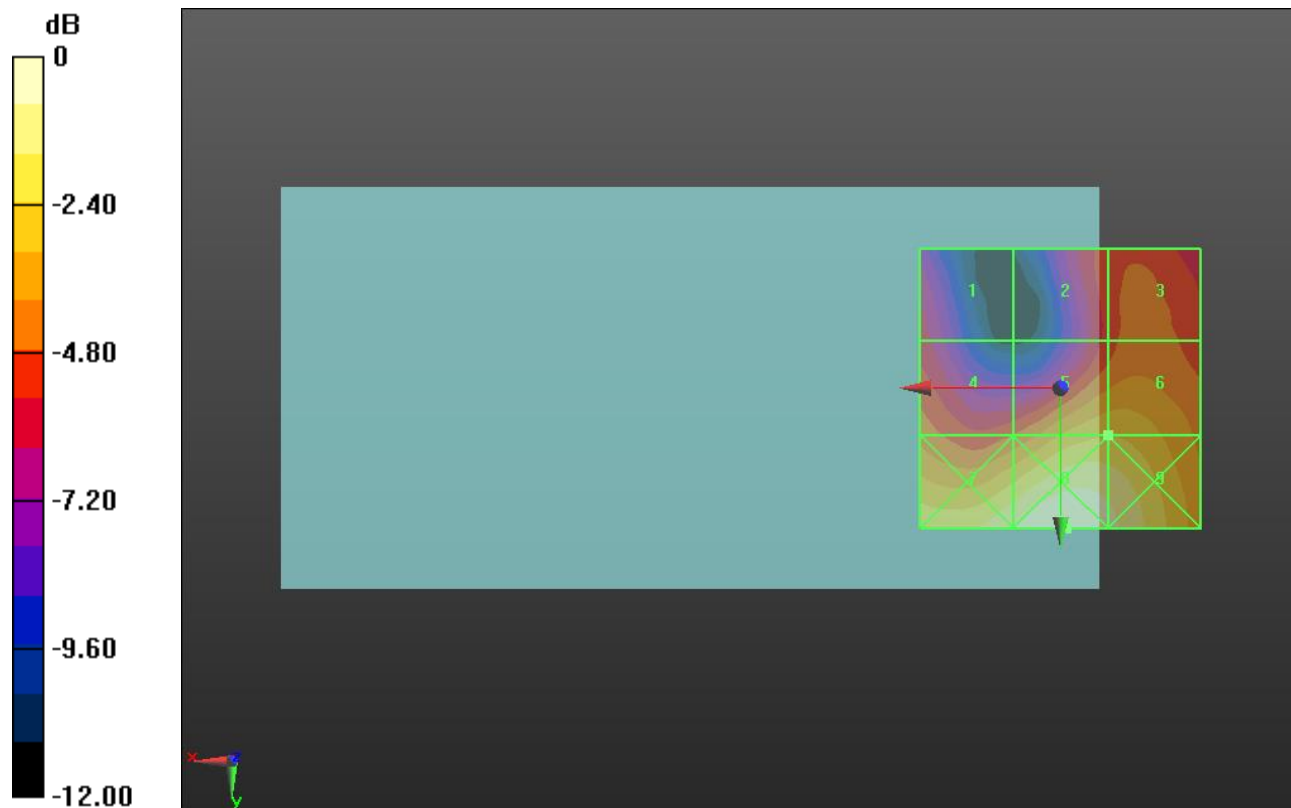
Applied MIF = -1.44 dB

RF audio interference level = 23.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.57 dBV/m	Grid 2 M4 20.35 dBV/m	Grid 3 M4 21.07 dBV/m
Grid 4 M4 21.28 dBV/m	Grid 5 M4 23.05 dBV/m	Grid 6 M4 23.05 dBV/m
Grid 7 M4 24.69 dBV/m	Grid 8 M4 25.48 dBV/m	Grid 9 M4 24.95 dBV/m



0 dB = 18.79 V/m = 25.48 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 = 12.65 V/m; Power Drift = -0.06 dB

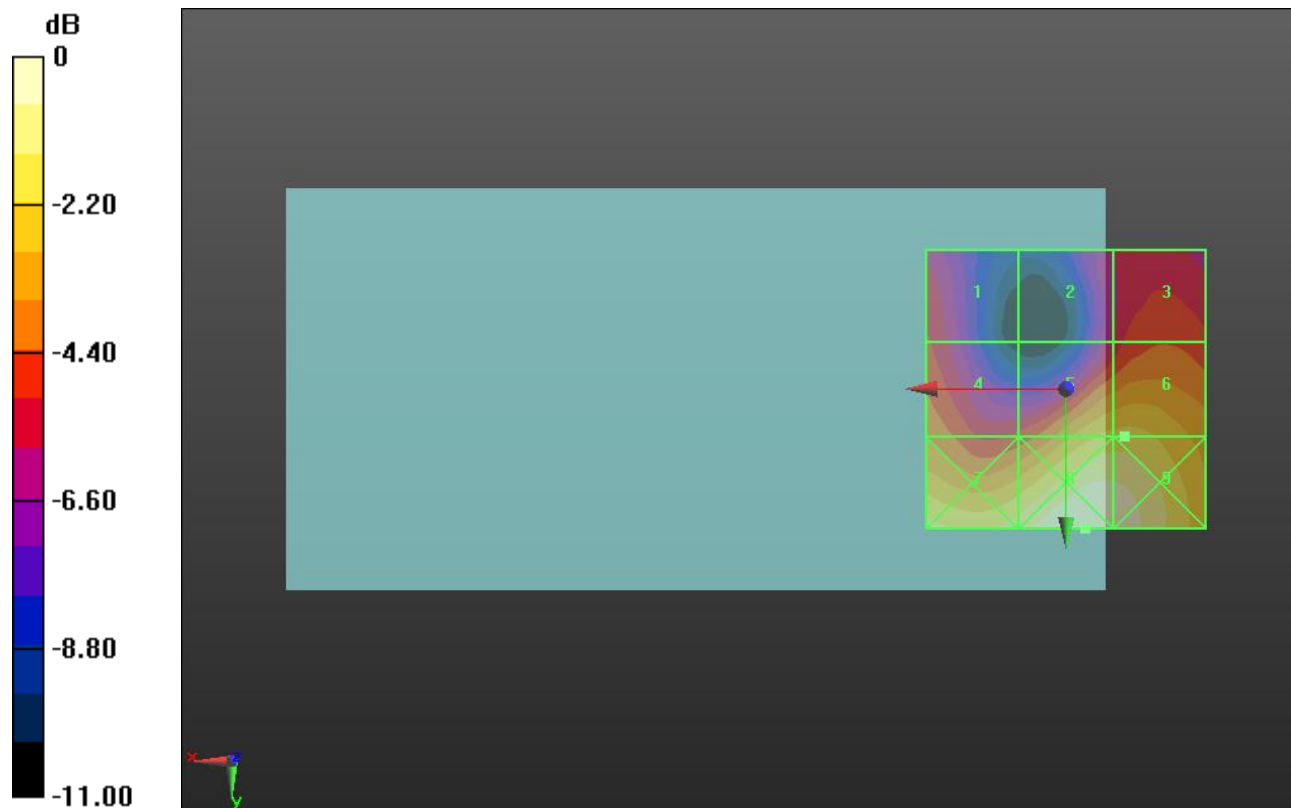
Applied MIF = -1.44 dB

RF audio interference level = 23.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.32 dBV/m	Grid 2 M4 19.7 dBV/m	Grid 3 M4 20.89 dBV/m
Grid 4 M4 21.67 dBV/m	Grid 5 M4 23.36 dBV/m	Grid 6 M4 23.42 dBV/m
Grid 7 M4 24.27 dBV/m	Grid 8 M4 25.32 dBV/m	Grid 9 M4 25.12 dBV/m



0 dB = 18.44 V/m = 25.32 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 = 10.71 V/m; Power Drift = 0.04 dB

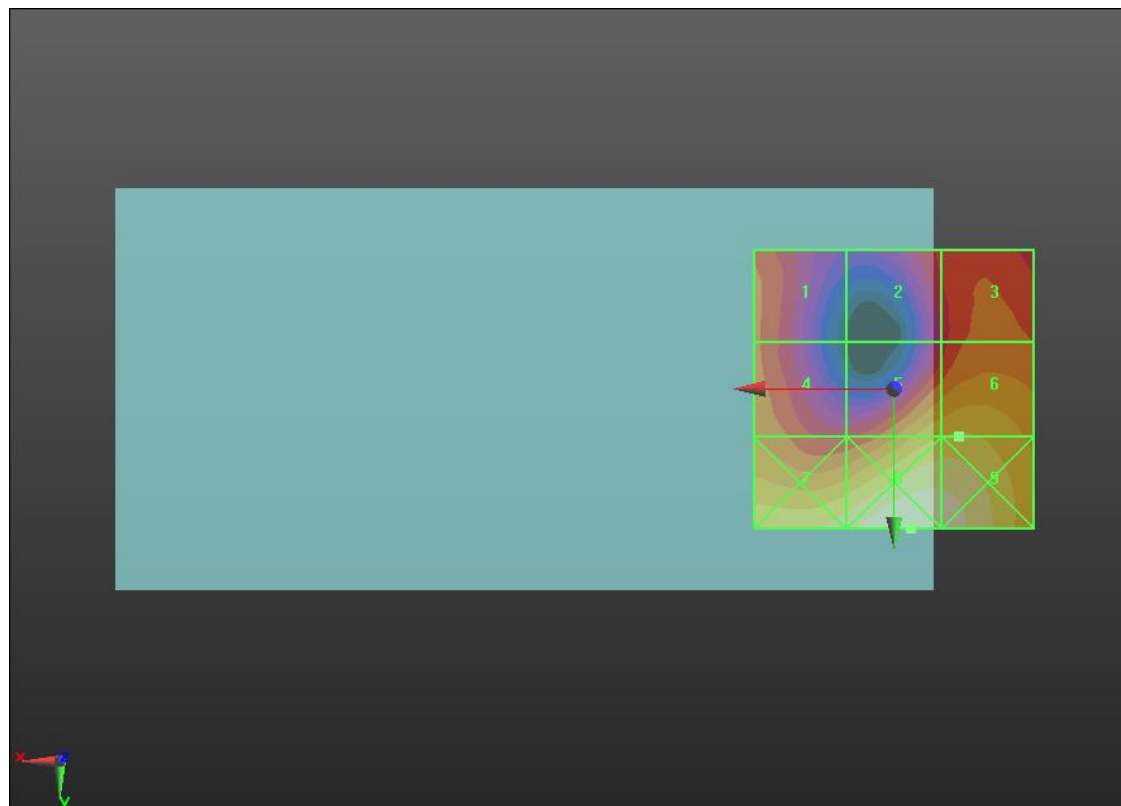
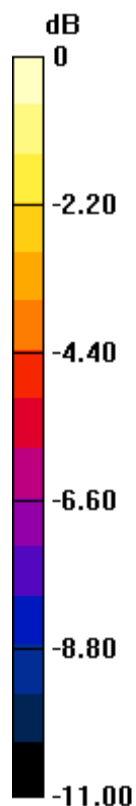
Applied MIF = -1.44 dB

RF audio interference level = 23.09 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.95 dBV/m	Grid 2 M4 20.19 dBV/m	Grid 3 M4 21.09 dBV/m
Grid 4 M4 21.48 dBV/m	Grid 5 M4 22.95 dBV/m	Grid 6 M4 23.09 dBV/m
Grid 7 M4 24.23 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 24.94 dBV/m



0 dB = 18.11 V/m = 25.16 dBV/m

HAC-RF Emission

Frequency: 836.6 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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 = 125.0 V/m; Power Drift = -0.03 dB

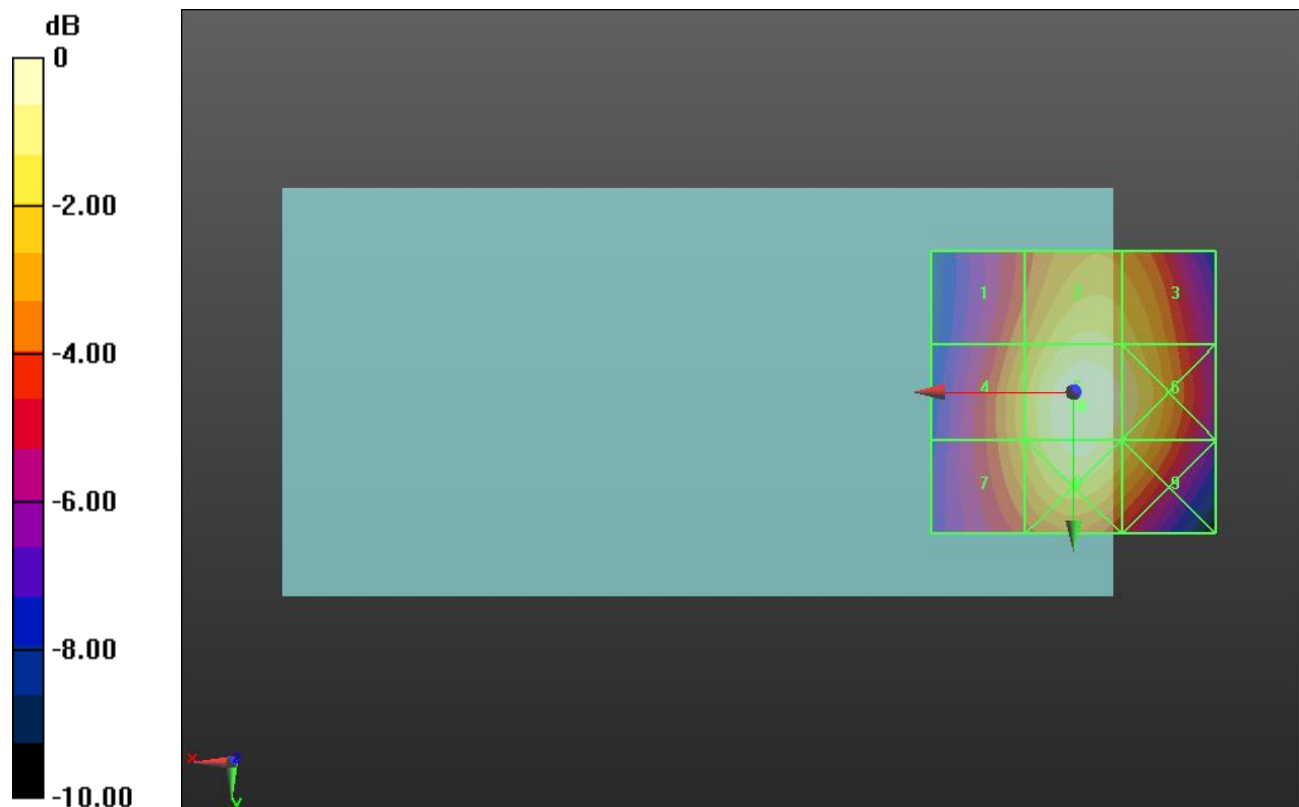
Applied MIF = 3.63 dB

RF audio interference level = 40.05 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 36.99 dBV/m	Grid 2 M4 39.02 dBV/m	Grid 3 M4 38.6 dBV/m
Grid 4 M4 38.05 dBV/m	Grid 5 M3 40.05 dBV/m	Grid 6 M4 39.36 dBV/m
Grid 7 M4 37.84 dBV/m	Grid 8 M4 39.72 dBV/m	Grid 9 M4 38.82 dBV/m



0 dB = 100.6 V/m = 40.05 dBV/m

HAC-RF Emission

Frequency: 824.2 MHz; Duty Cycle: 1:8.6896; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

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 = 121.5 V/m; Power Drift = -0.04 dB

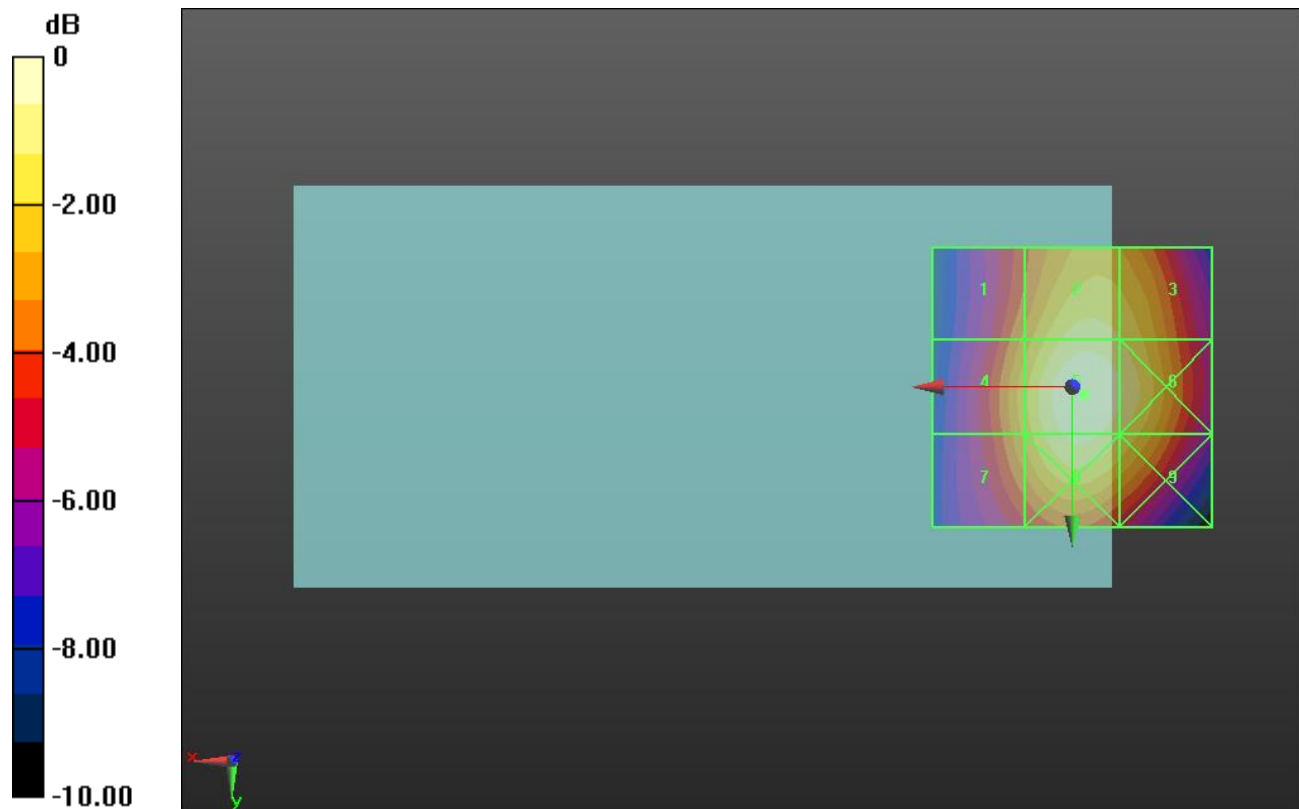
Applied MIF = 3.63 dB

RF audio interference level = 39.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.71 dBV/m	Grid 2 M4 38.86 dBV/m	Grid 3 M4 38.5 dBV/m
Grid 4 M4 37.62 dBV/m	Grid 5 M4 39.78 dBV/m	Grid 6 M4 39.21 dBV/m
Grid 7 M4 37.29 dBV/m	Grid 8 M4 39.33 dBV/m	Grid 9 M4 38.53 dBV/m



0 dB = 97.50 V/m = 39.78 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 = 124.8 V/m; Power Drift = -0.05 dB

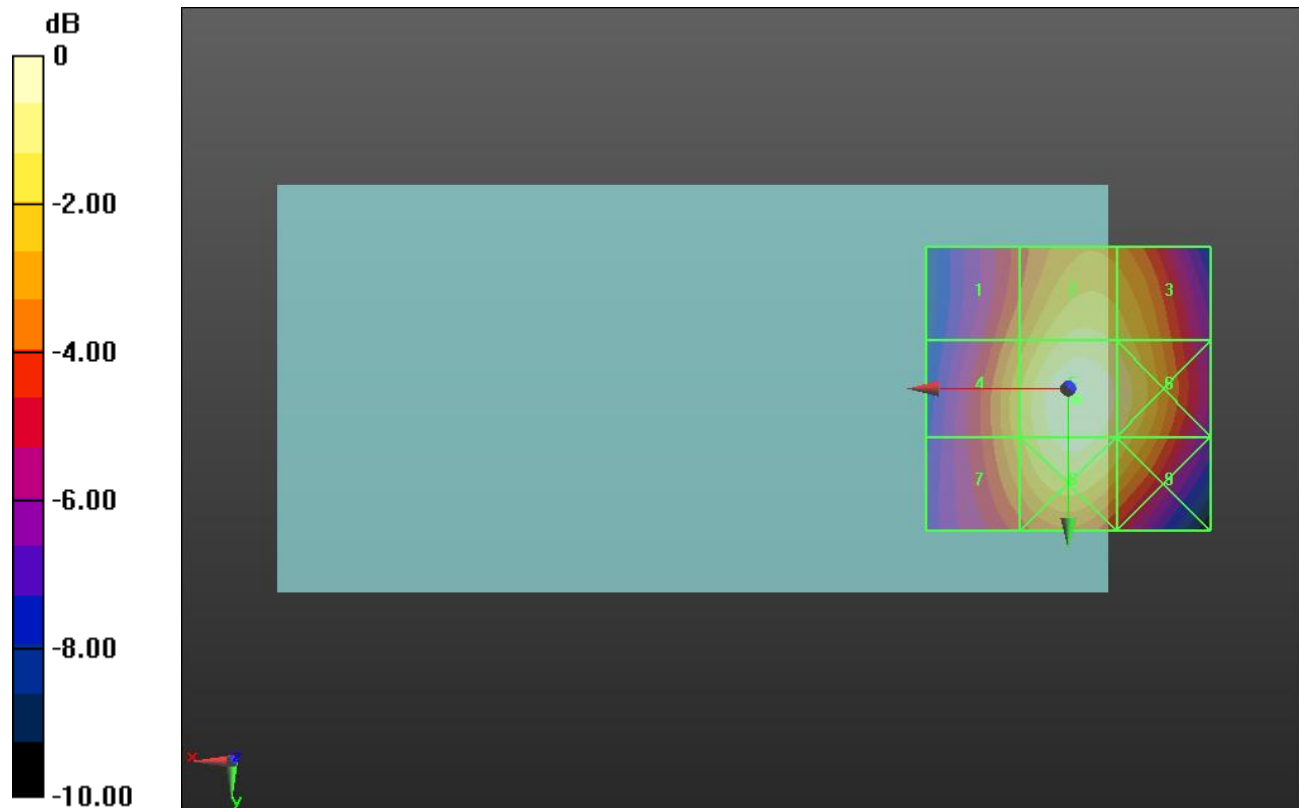
Applied MIF = 3.63 dB

RF audio interference level = 40.01 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 36.92 dBV/m	Grid 2 M4 38.95 dBV/m	Grid 3 M4 38.53 dBV/m
Grid 4 M4 38.02 dBV/m	Grid 5 M3 40.01 dBV/m	Grid 6 M4 39.29 dBV/m
Grid 7 M4 37.8 dBV/m	Grid 8 M4 39.67 dBV/m	Grid 9 M4 38.75 dBV/m



0 dB = 100.1 V/m = 40.01 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 = 33.24 V/m; Power Drift = 0.02 dB

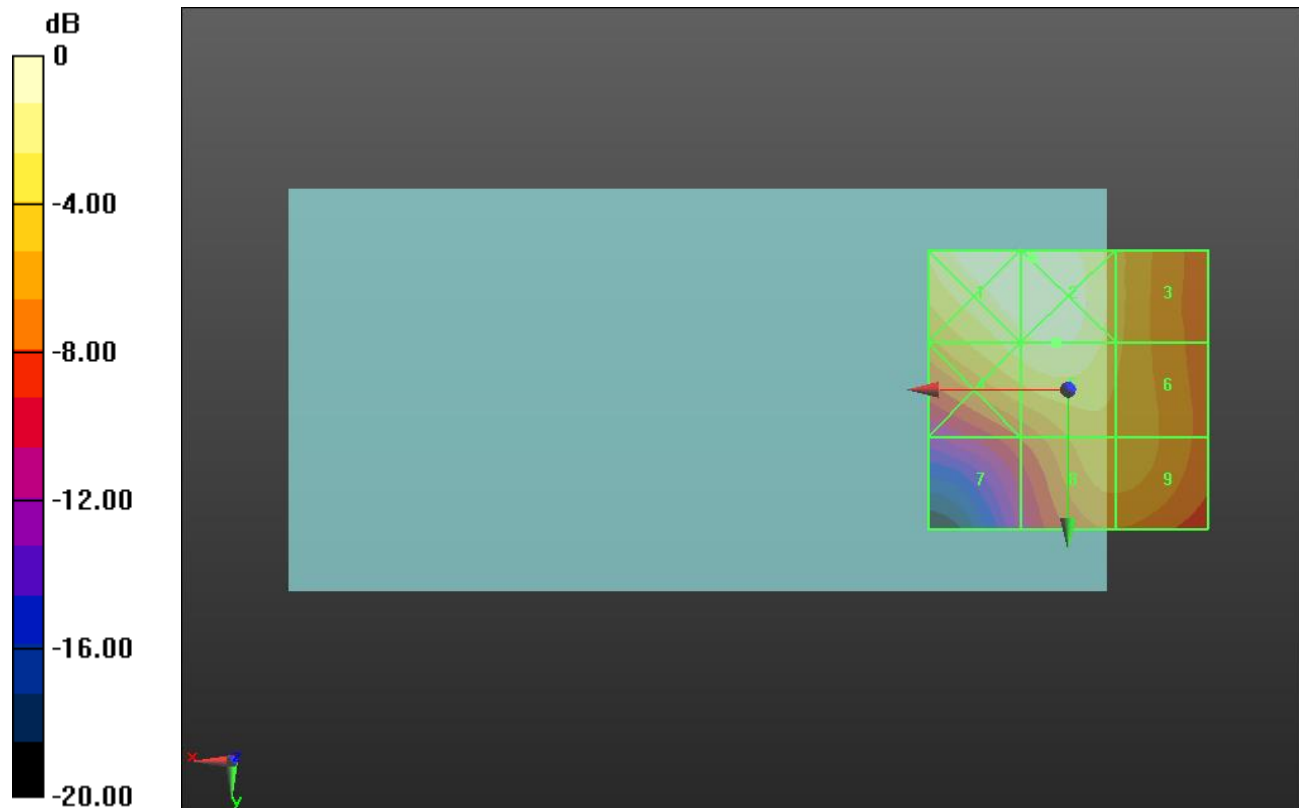
Applied MIF = 3.63 dB

RF audio interference level = 33.31 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.44 dBV/m	Grid 2 M3 34.46 dBV/m	Grid 3 M3 31.1 dBV/m
Grid 4 M3 32.61 dBV/m	Grid 5 M3 33.31 dBV/m	Grid 6 M3 30.87 dBV/m
Grid 7 M4 26.58 dBV/m	Grid 8 M3 30.13 dBV/m	Grid 9 M3 30.11 dBV/m



0 dB = 52.87 V/m = 34.46 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 32.29 V/m; Power Drift = -0.02 dB

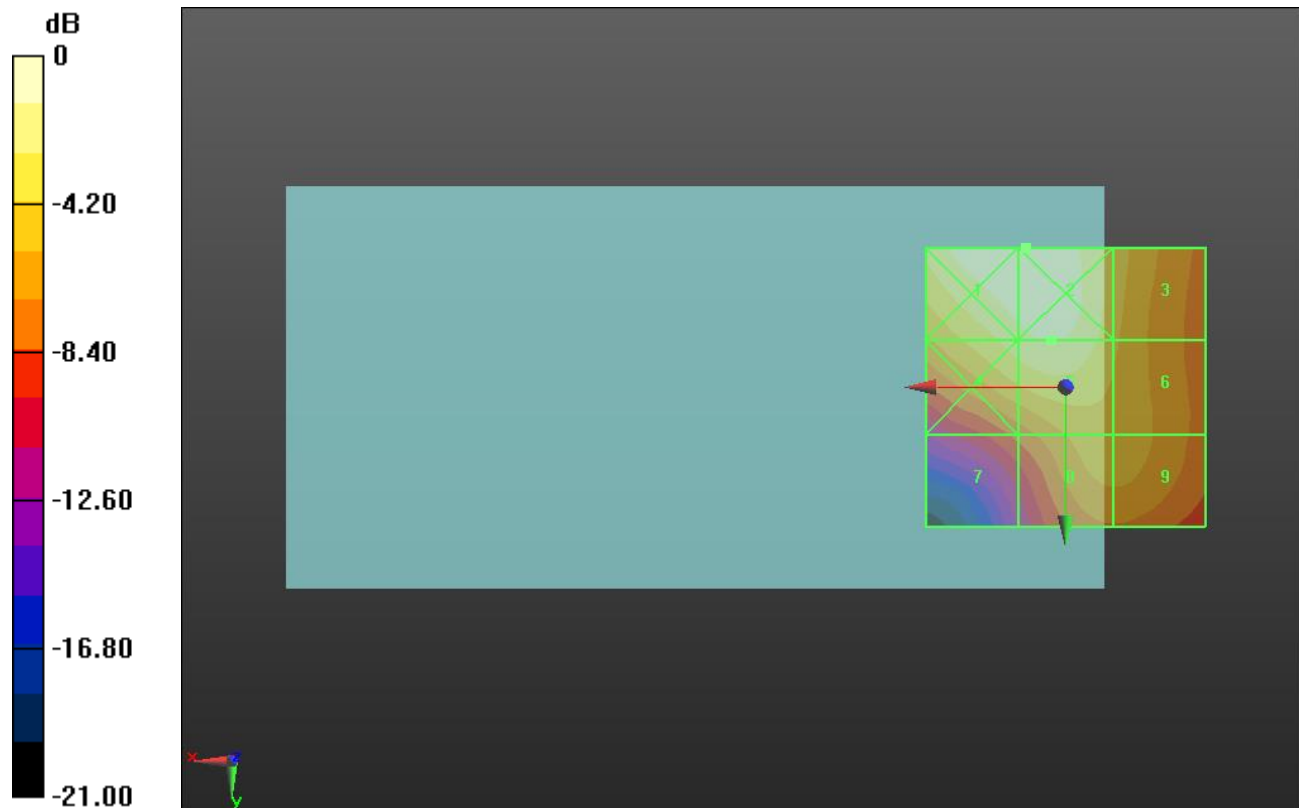
Applied MIF = 3.63 dB

RF audio interference level = 32.98 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.28 dBV/m	Grid 2 M3 34.3 dBV/m	Grid 3 M3 30.97 dBV/m
Grid 4 M3 32.31 dBV/m	Grid 5 M3 32.98 dBV/m	Grid 6 M3 30.46 dBV/m
Grid 7 M4 26.41 dBV/m	Grid 8 M4 29.59 dBV/m	Grid 9 M4 29.57 dBV/m



0 dB = 51.87 V/m = 34.30 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 = 29.56 V/m; Power Drift = 0.01 dB

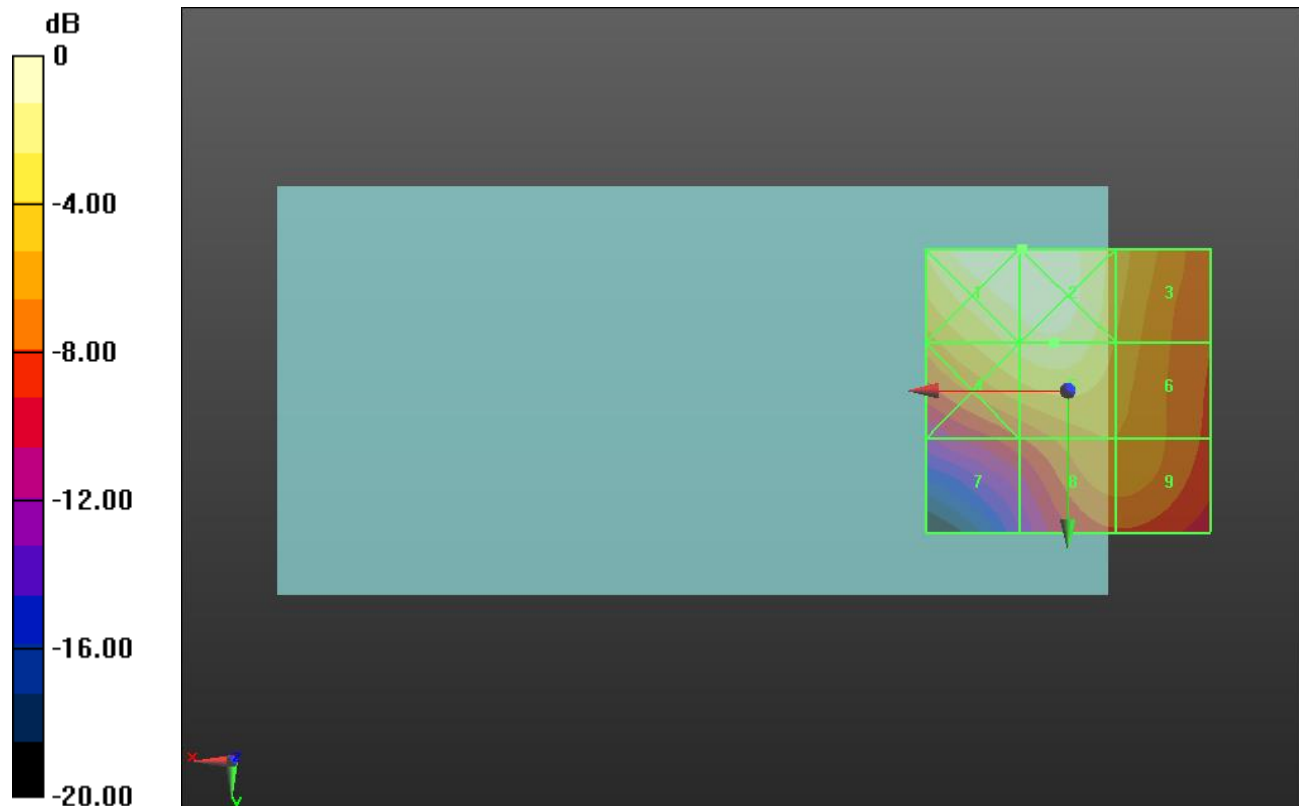
Applied MIF = 3.63 dB

RF audio interference level = 32.25 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.85 dBV/m	Grid 2 M3 33.85 dBV/m	Grid 3 M3 30.6 dBV/m
Grid 4 M3 31.66 dBV/m	Grid 5 M3 32.25 dBV/m	Grid 6 M4 29.77 dBV/m
Grid 7 M4 25.69 dBV/m	Grid 8 M4 28.52 dBV/m	Grid 9 M4 28.51 dBV/m



0 dB = 49.28 V/m = 33.85 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 58.80 V/m; Power Drift = -0.08 dB

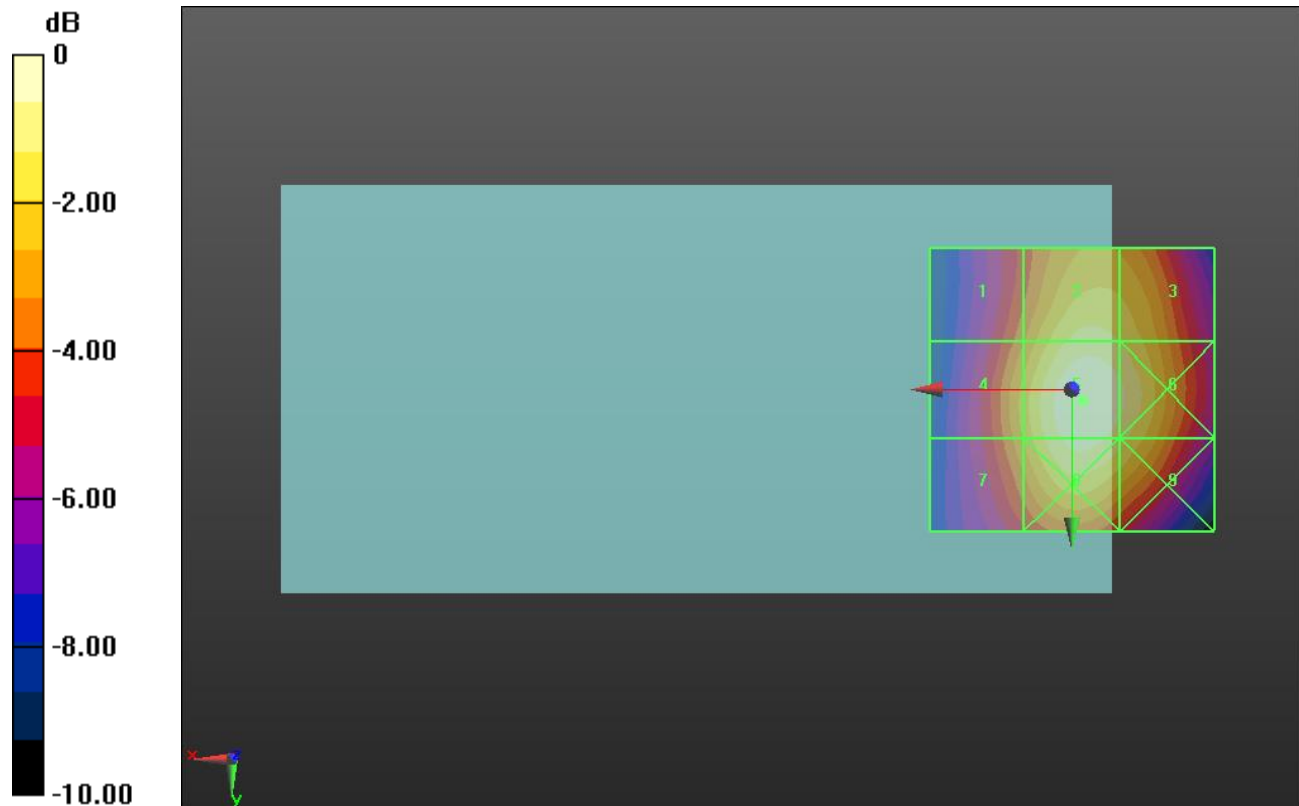
Applied MIF = 3.26 dB

RF audio interference level = 33.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.8 dBV/m	Grid 2 M4 32.17 dBV/m	Grid 3 M4 31.83 dBV/m
Grid 4 M4 30.84 dBV/m	Grid 5 M4 33.18 dBV/m	Grid 6 M4 32.65 dBV/m
Grid 7 M4 30.56 dBV/m	Grid 8 M4 32.81 dBV/m	Grid 9 M4 32.12 dBV/m



0 dB = 45.60 V/m = 33.18 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 = 60.48 V/m; Power Drift = -0.01 dB

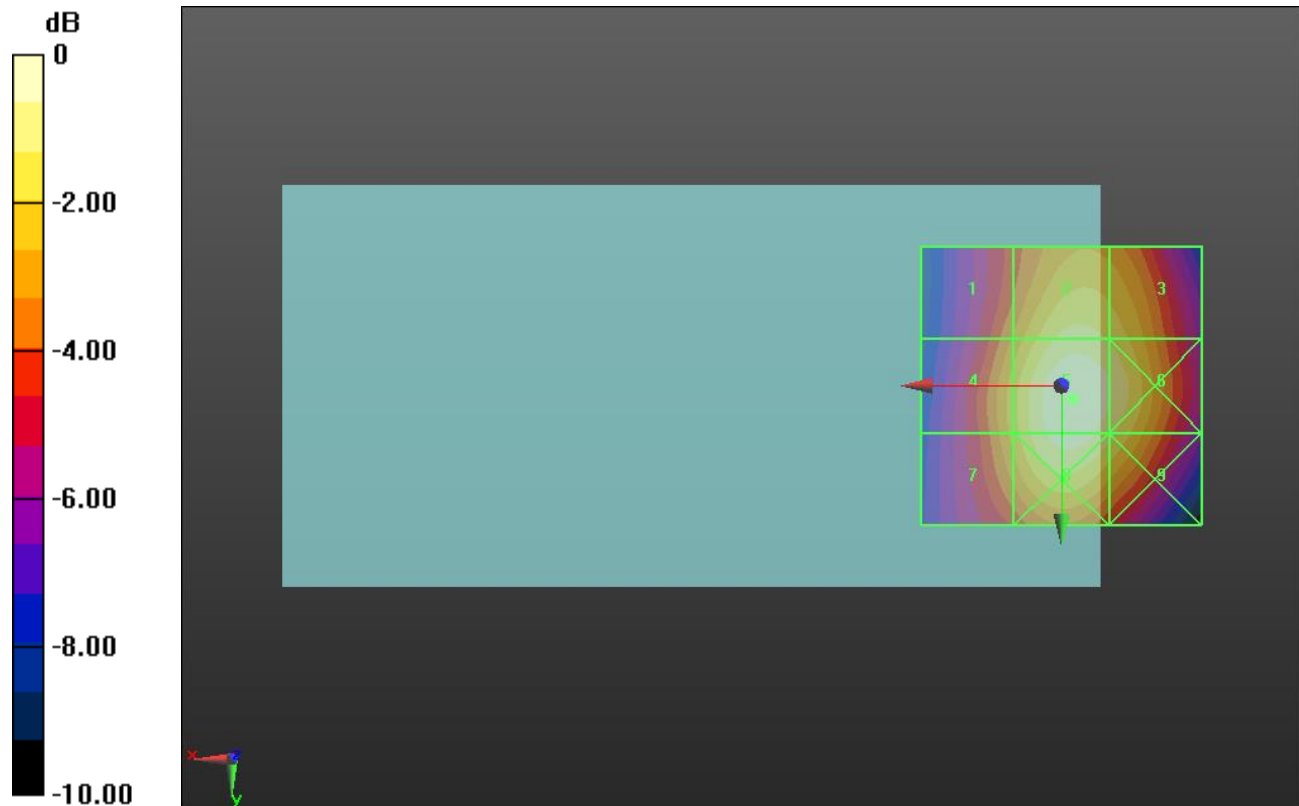
Applied MIF = 3.26 dB

RF audio interference level = 33.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.26 dBV/m	Grid 2 M4 32.43 dBV/m	Grid 3 M4 32.05 dBV/m
Grid 4 M4 31.27 dBV/m	Grid 5 M4 33.45 dBV/m	Grid 6 M4 32.88 dBV/m
Grid 7 M4 31.09 dBV/m	Grid 8 M4 33.14 dBV/m	Grid 9 M4 32.36 dBV/m



0 dB = 47.05 V/m = 33.45 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 = 60.75 V/m; Power Drift = 0.03 dB

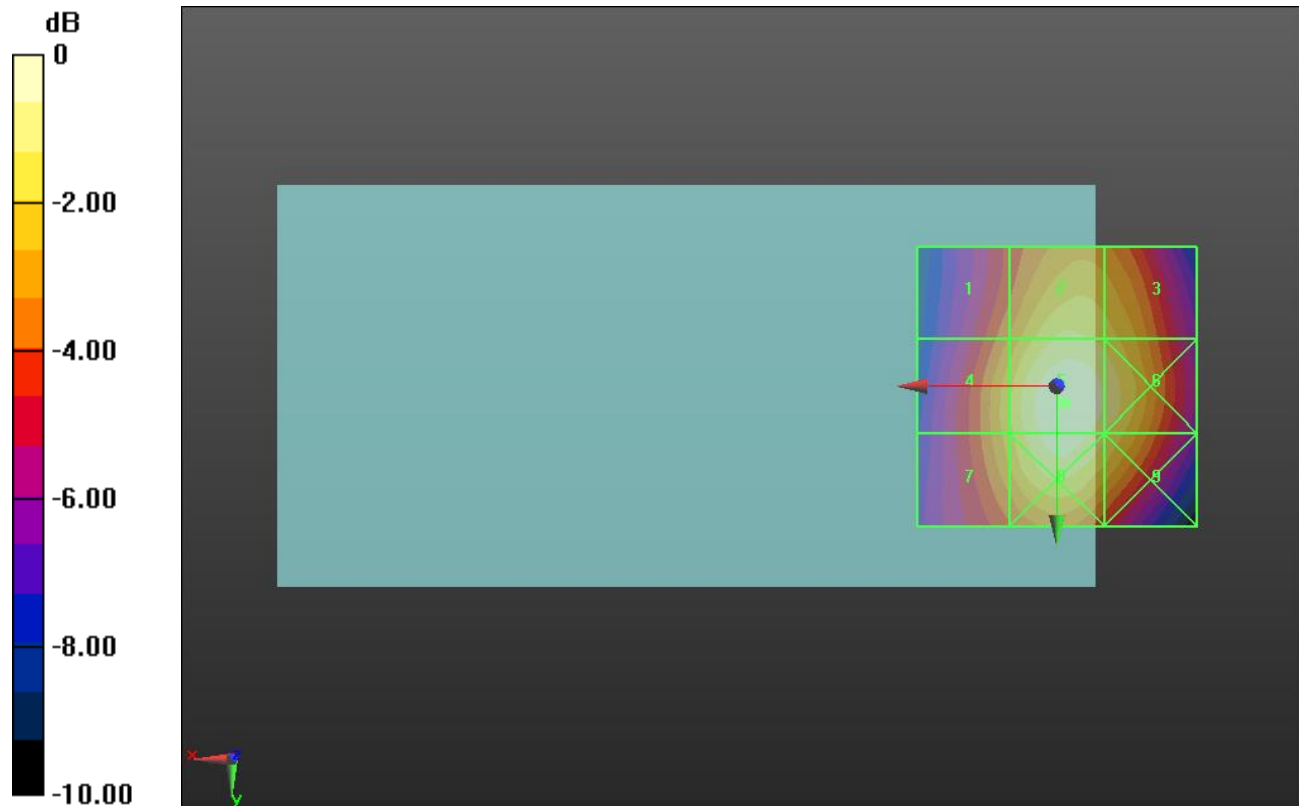
Applied MIF = 3.26 dB

RF audio interference level = 33.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.19 dBV/m	Grid 2 M4 32.28 dBV/m	Grid 3 M4 31.86 dBV/m
Grid 4 M4 31.36 dBV/m	Grid 5 M4 33.43 dBV/m	Grid 6 M4 32.72 dBV/m
Grid 7 M4 31.2 dBV/m	Grid 8 M4 33.18 dBV/m	Grid 9 M4 32.26 dBV/m



0 dB = 46.92 V/m = 33.43 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 = 21.18 V/m; Power Drift = -0.01 dB

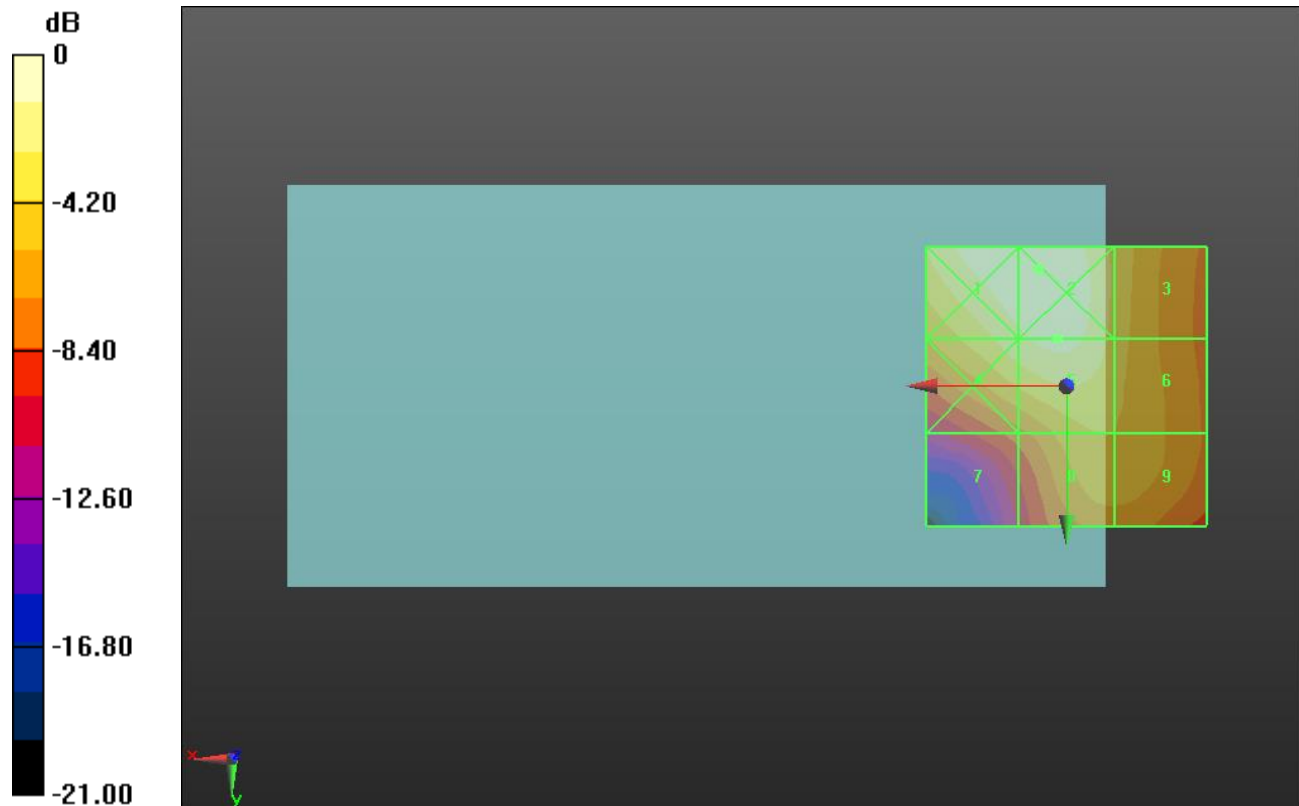
Applied MIF = 3.26 dB

RF audio interference level = 28.67 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.46 dBV/m	Grid 2 M4 29.59 dBV/m	Grid 3 M4 26.56 dBV/m
Grid 4 M4 27.78 dBV/m	Grid 5 M4 28.67 dBV/m	Grid 6 M4 26.28 dBV/m
Grid 7 M4 22.09 dBV/m	Grid 8 M4 25.43 dBV/m	Grid 9 M4 25.4 dBV/m



0 dB = 30.17 V/m = 29.59 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 = 20.27 V/m; Power Drift = -0.09 dB

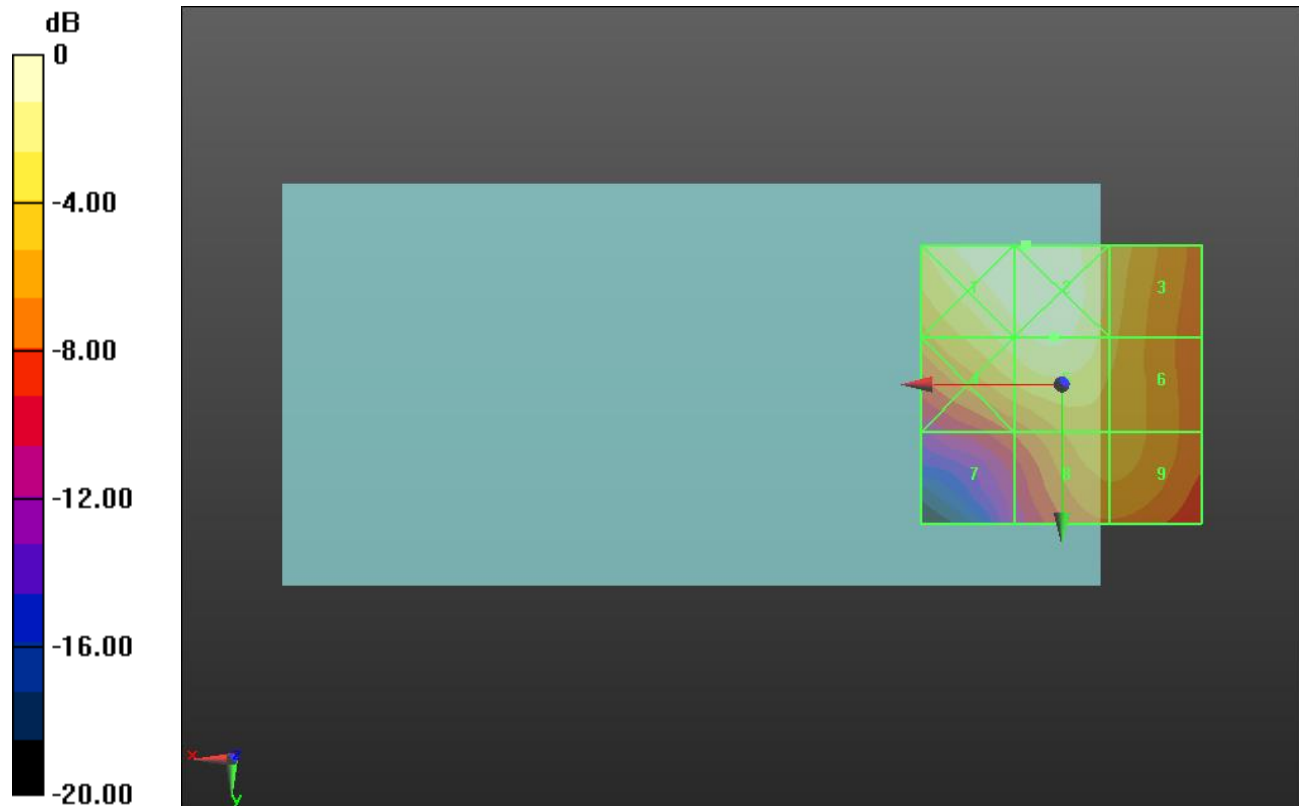
Applied MIF = 3.26 dB

RF audio interference level = 28.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.19 dBV/m	Grid 2 M4 29.23 dBV/m	Grid 3 M4 26.39 dBV/m
Grid 4 M4 27.33 dBV/m	Grid 5 M4 28.21 dBV/m	Grid 6 M4 25.78 dBV/m
Grid 7 M4 21.53 dBV/m	Grid 8 M4 24.75 dBV/m	Grid 9 M4 24.65 dBV/m



0 dB = 28.95 V/m = 29.23 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.61 V/m; Power Drift = 0.01 dB

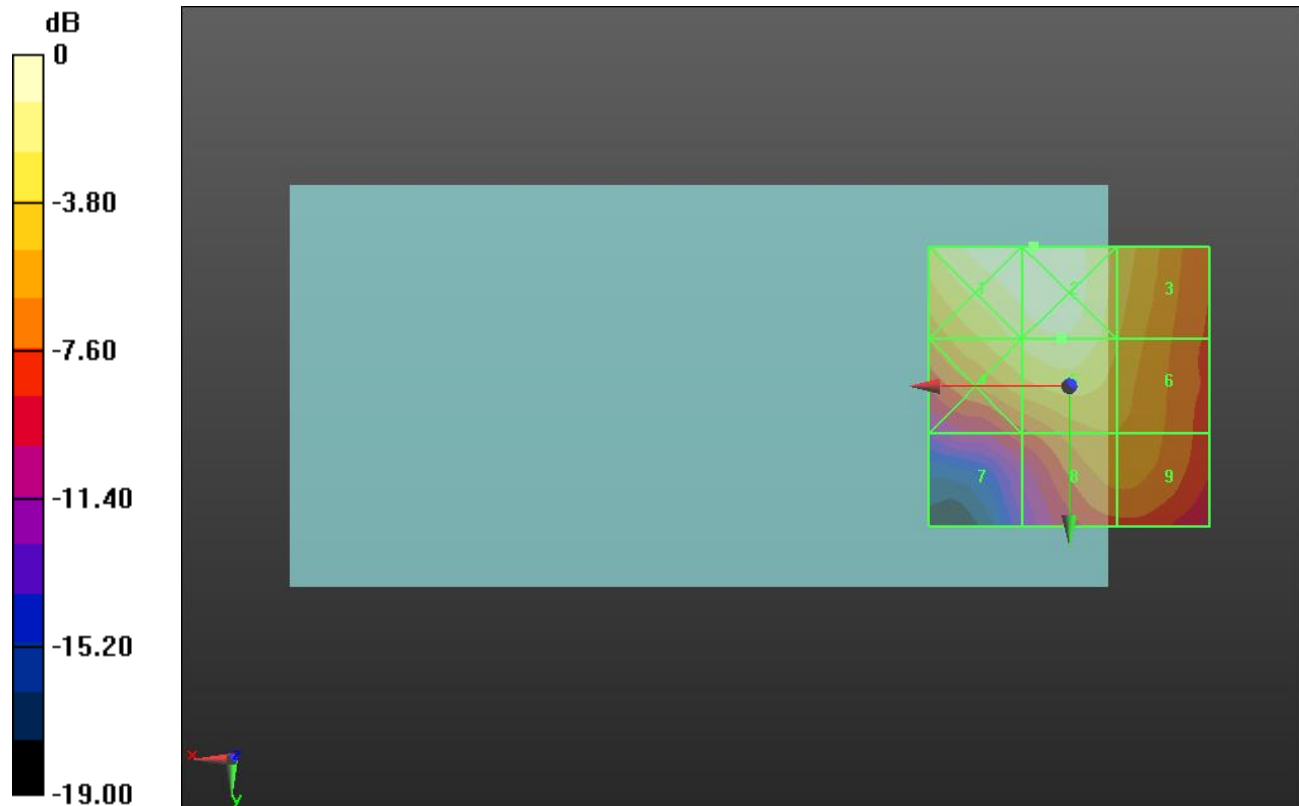
Applied MIF = 3.26 dB

RF audio interference level = 27.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.73 dBV/m	Grid 2 M4 28.78 dBV/m	Grid 3 M4 25.95 dBV/m
Grid 4 M4 26.58 dBV/m	Grid 5 M4 27.41 dBV/m	Grid 6 M4 25.13 dBV/m
Grid 7 M4 20.75 dBV/m	Grid 8 M4 23.68 dBV/m	Grid 9 M4 23.66 dBV/m



0 dB = 27.48 V/m = 28.78 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 = 57.40 V/m; Power Drift = -0.05 dB

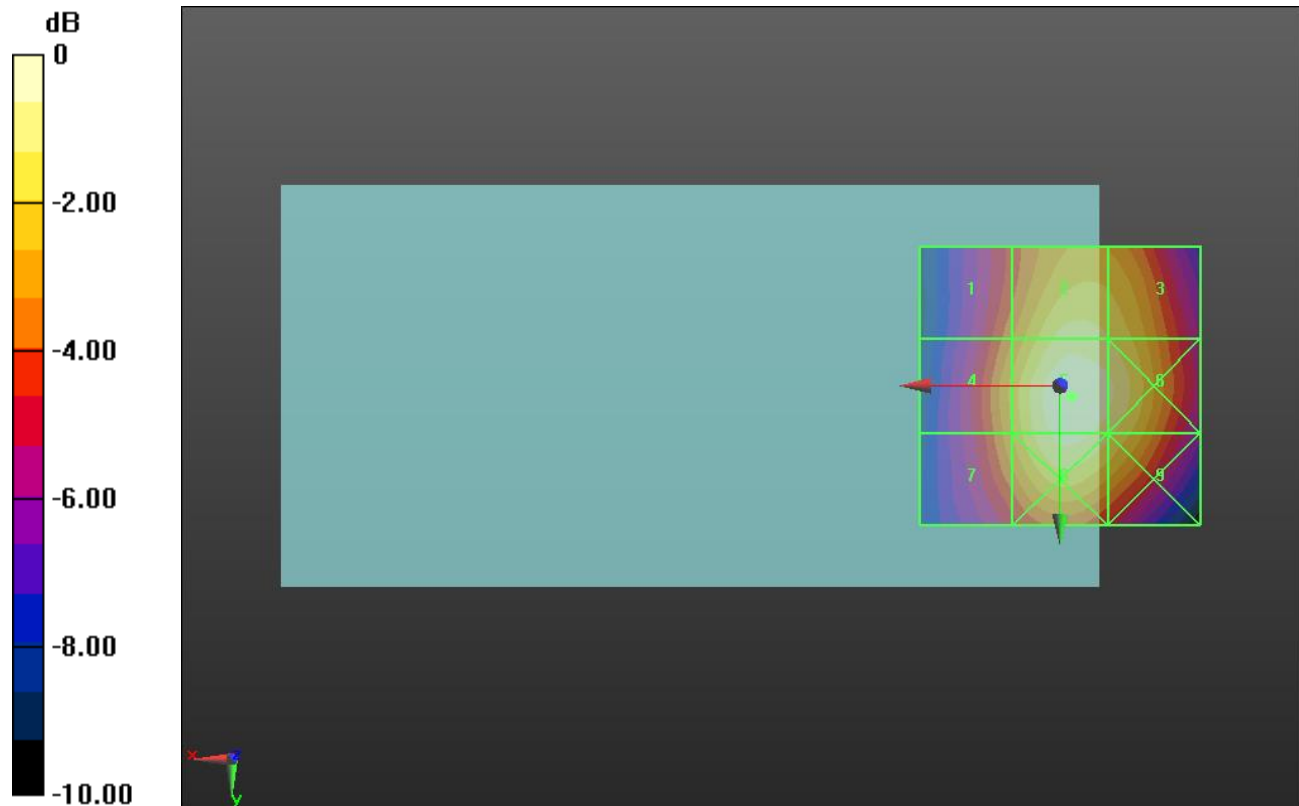
Applied MIF = 3.26 dB

RF audio interference level = 32.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.55 dBV/m	Grid 2 M4 31.93 dBV/m	Grid 3 M4 31.62 dBV/m
Grid 4 M4 30.52 dBV/m	Grid 5 M4 32.9 dBV/m	Grid 6 M4 32.4 dBV/m
Grid 7 M4 30.26 dBV/m	Grid 8 M4 32.52 dBV/m	Grid 9 M4 31.8 dBV/m



0 dB = 44.16 V/m = 32.90 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 = 57.87 V/m; Power Drift = -0.03 dB

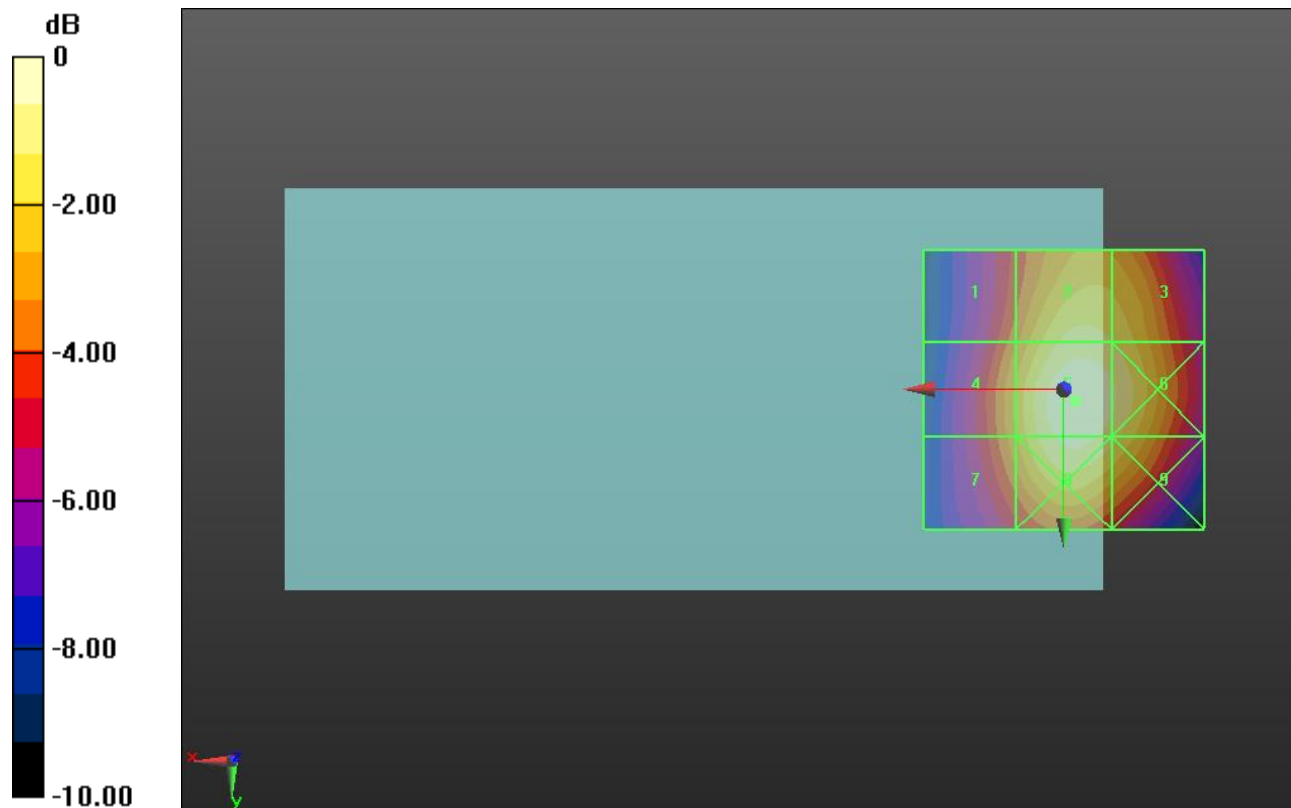
Applied MIF = 3.26 dB

RF audio interference level = 33.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.6 dBV/m	Grid 2 M4 32.04 dBV/m	Grid 3 M4 31.76 dBV/m
Grid 4 M4 30.61 dBV/m	Grid 5 M4 33.05 dBV/m	Grid 6 M4 32.52 dBV/m
Grid 7 M4 30.35 dBV/m	Grid 8 M4 32.65 dBV/m	Grid 9 M4 31.97 dBV/m



0 dB = 44.91 V/m = 33.05 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 58.93 V/m; Power Drift = -0.02 dB

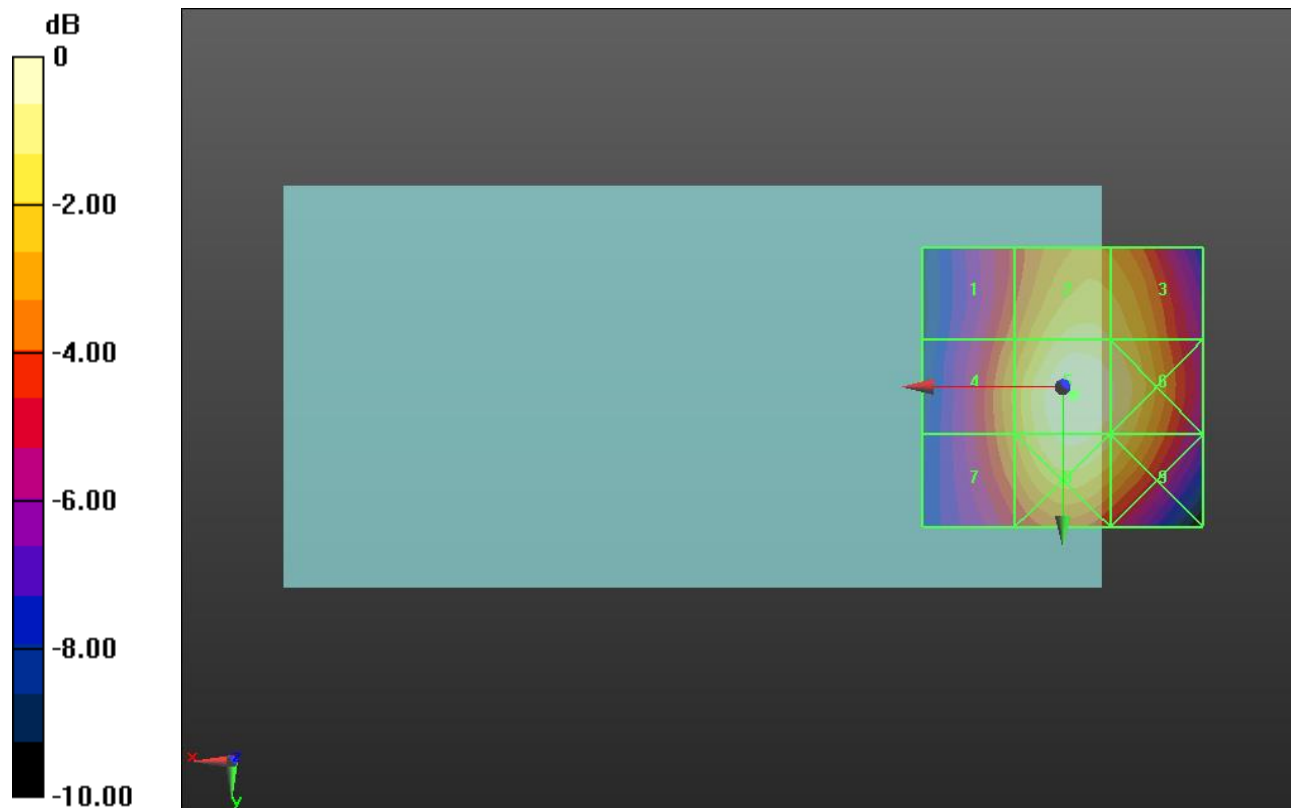
Applied MIF = 3.26 dB

RF audio interference level = 33.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.77 dBV/m	Grid 2 M4 32.19 dBV/m	Grid 3 M4 31.89 dBV/m
Grid 4 M4 30.78 dBV/m	Grid 5 M4 33.17 dBV/m	Grid 6 M4 32.66 dBV/m
Grid 7 M4 30.52 dBV/m	Grid 8 M4 32.76 dBV/m	Grid 9 M4 32.12 dBV/m



0 dB = 45.56 V/m = 33.17 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 = 41.67 V/m; Power Drift = -0.01 dB

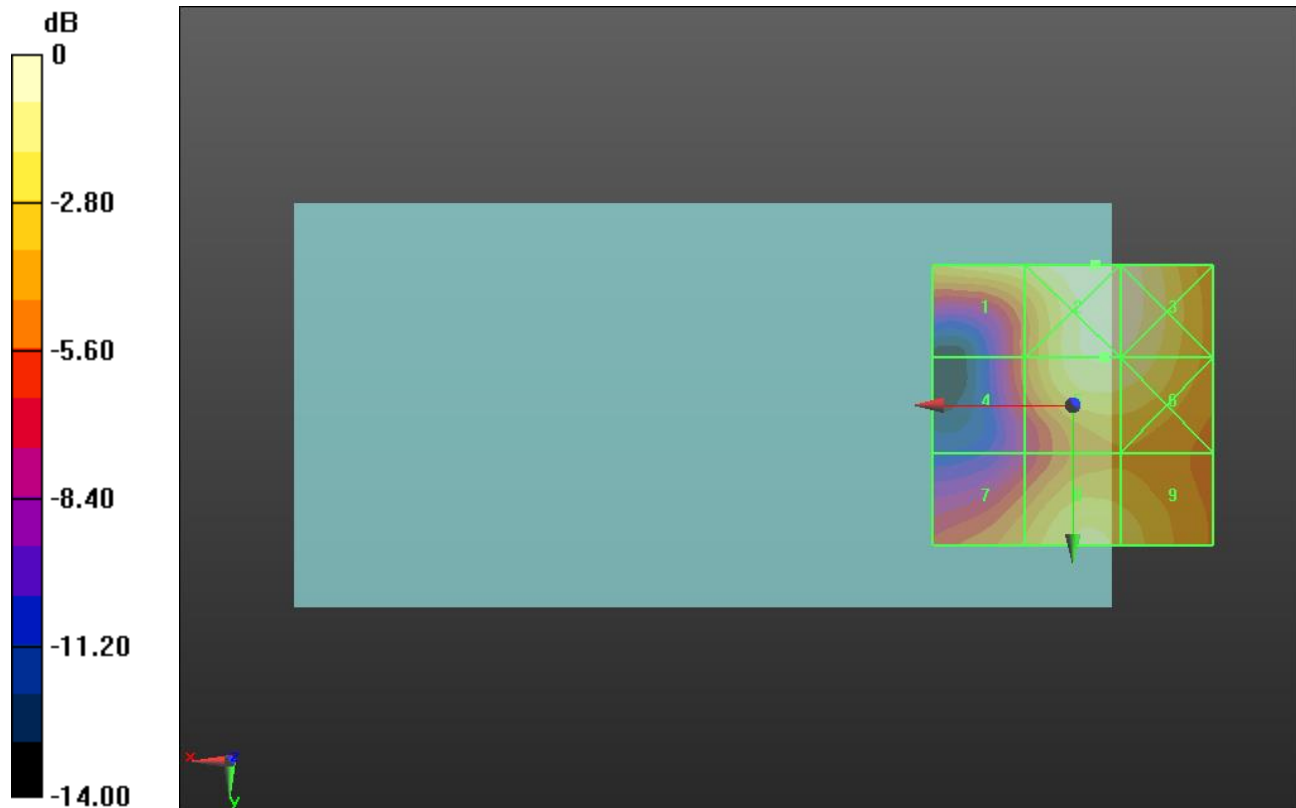
Applied MIF = -1.44 dB

RF audio interference level = 28.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.12 dBV/m	Grid 2 M4 29.45 dBV/m	Grid 3 M4 29.14 dBV/m
Grid 4 M4 24.51 dBV/m	Grid 5 M4 28.62 dBV/m	Grid 6 M4 28.48 dBV/m
Grid 7 M4 25.95 dBV/m	Grid 8 M4 27.78 dBV/m	Grid 9 M4 27.36 dBV/m



0 dB = 29.69 V/m = 29.45 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 = 48.54 V/m; Power Drift = 0.00 dB

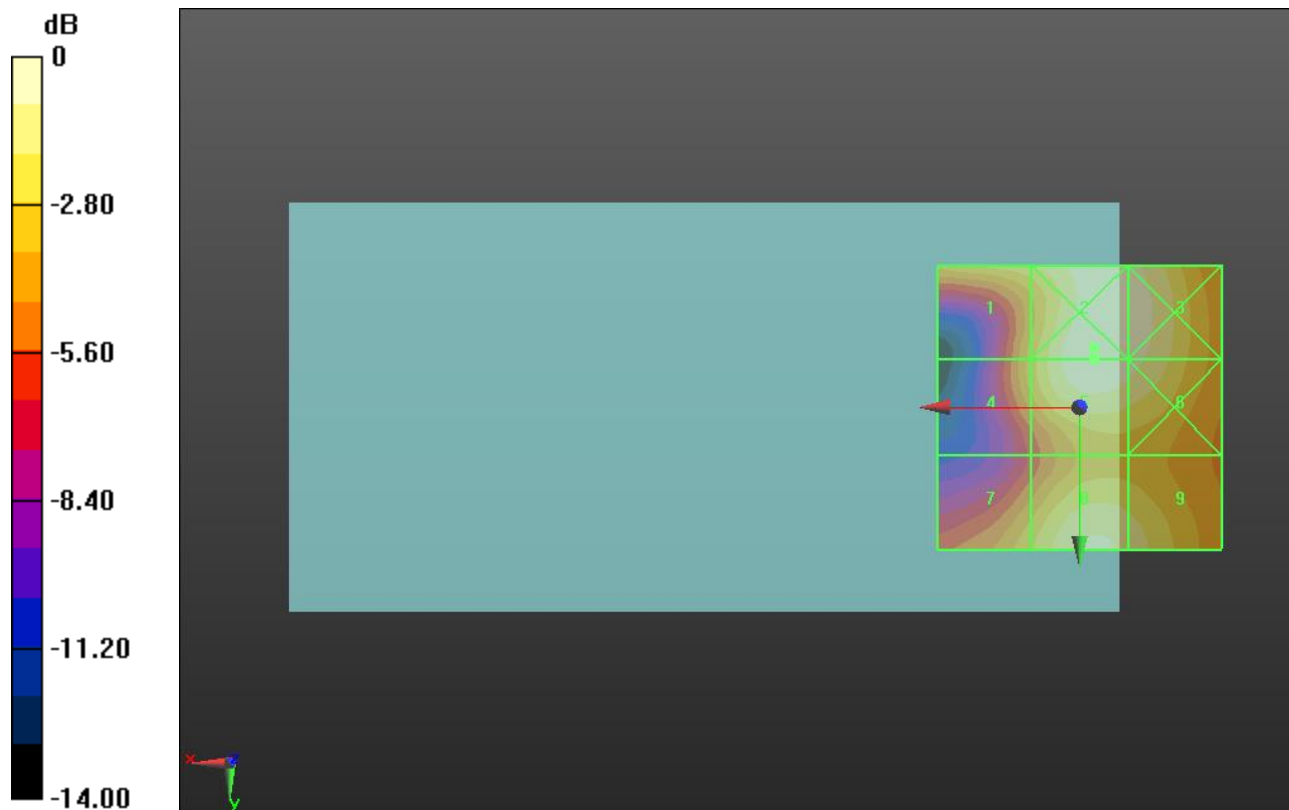
Applied MIF = -1.44 dB

RF audio interference level = 29.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.94 dBV/m	Grid 2 M4 29.68 dBV/m	Grid 3 M4 29.42 dBV/m
Grid 4 M4 26.49 dBV/m	Grid 5 M4 29.63 dBV/m	Grid 6 M4 29.17 dBV/m
Grid 7 M4 26.8 dBV/m	Grid 8 M4 28.88 dBV/m	Grid 9 M4 28.43 dBV/m



0 dB = 30.48 V/m = 29.68 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

LTE Band 41_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 = 55.77 V/m; Power Drift = 0.01 dB

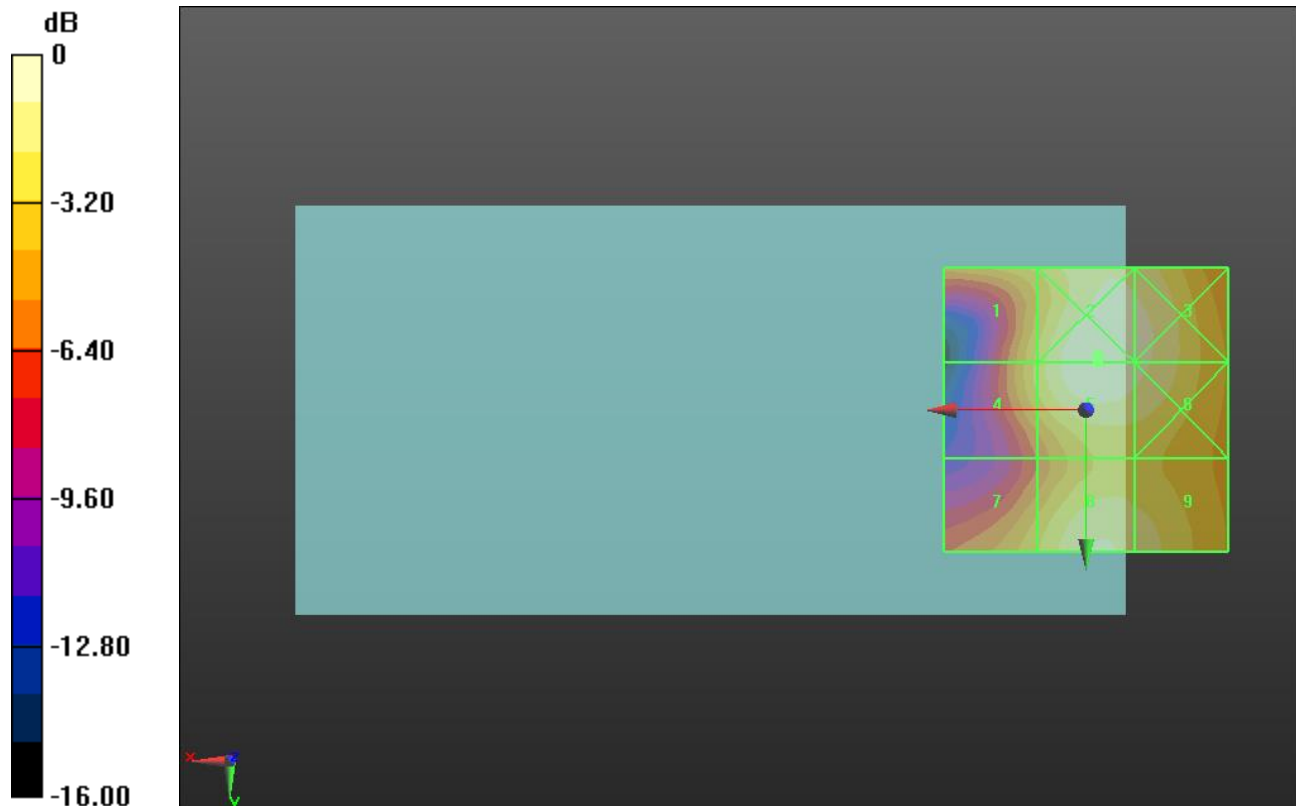
Applied MIF = -1.44 dB

RF audio interference level = 30.67 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.87 dBV/m	Grid 2 M3 30.68 dBV/m	Grid 3 M3 30.15 dBV/m
Grid 4 M4 27.94 dBV/m	Grid 5 M3 30.67 dBV/m	Grid 6 M3 30.07 dBV/m
Grid 7 M4 27.46 dBV/m	Grid 8 M4 29.69 dBV/m	Grid 9 M4 29.3 dBV/m



0 dB = 34.19 V/m = 30.68 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 = 57.30 V/m; Power Drift = -0.03 dB

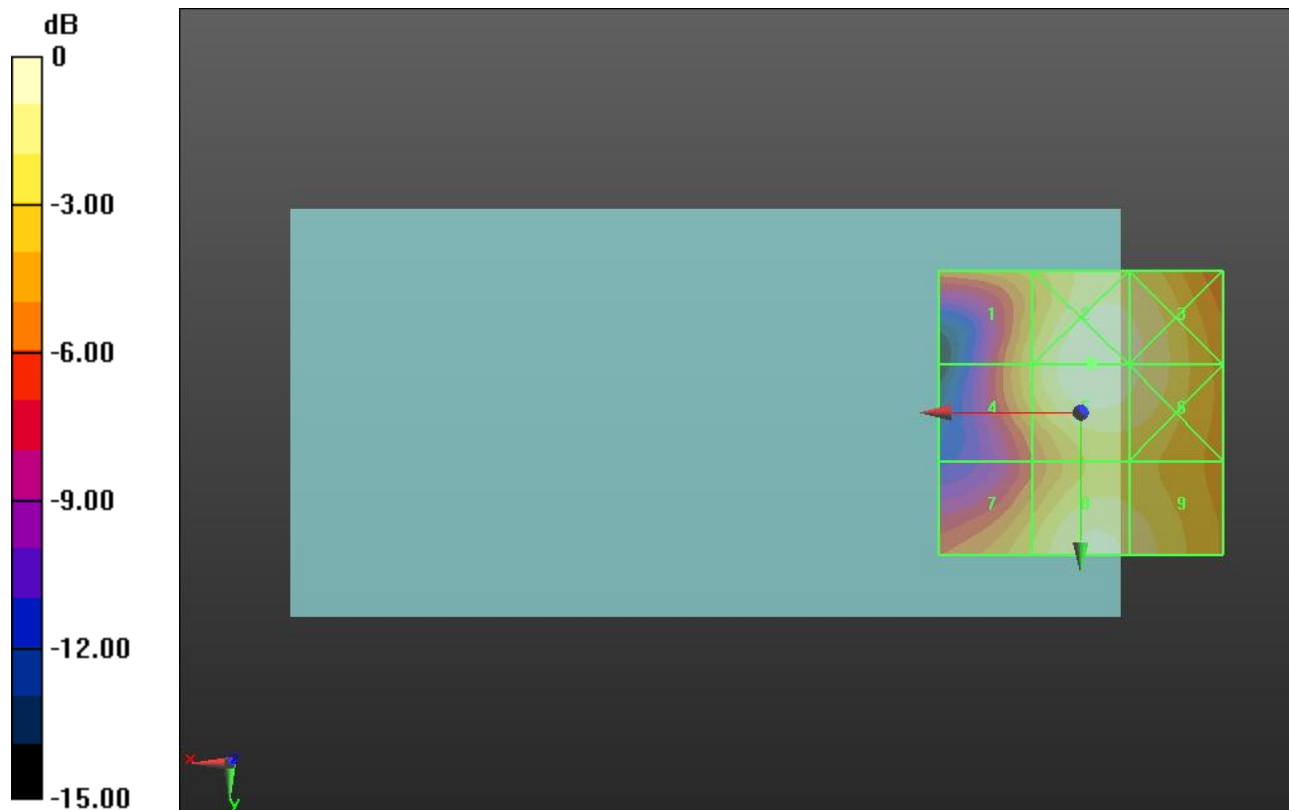
Applied MIF = -1.44 dB

RF audio interference level = 30.63 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.87 dBV/m	Grid 2 M3 30.64 dBV/m	Grid 3 M3 30.05 dBV/m
Grid 4 M4 27.92 dBV/m	Grid 5 M3 30.63 dBV/m	Grid 6 M3 30.04 dBV/m
Grid 7 M4 27.83 dBV/m	Grid 8 M4 29.92 dBV/m	Grid 9 M4 29.49 dBV/m



0 dB = 34.02 V/m = 30.63 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 = 53.84 V/m; Power Drift = -0.05 dB

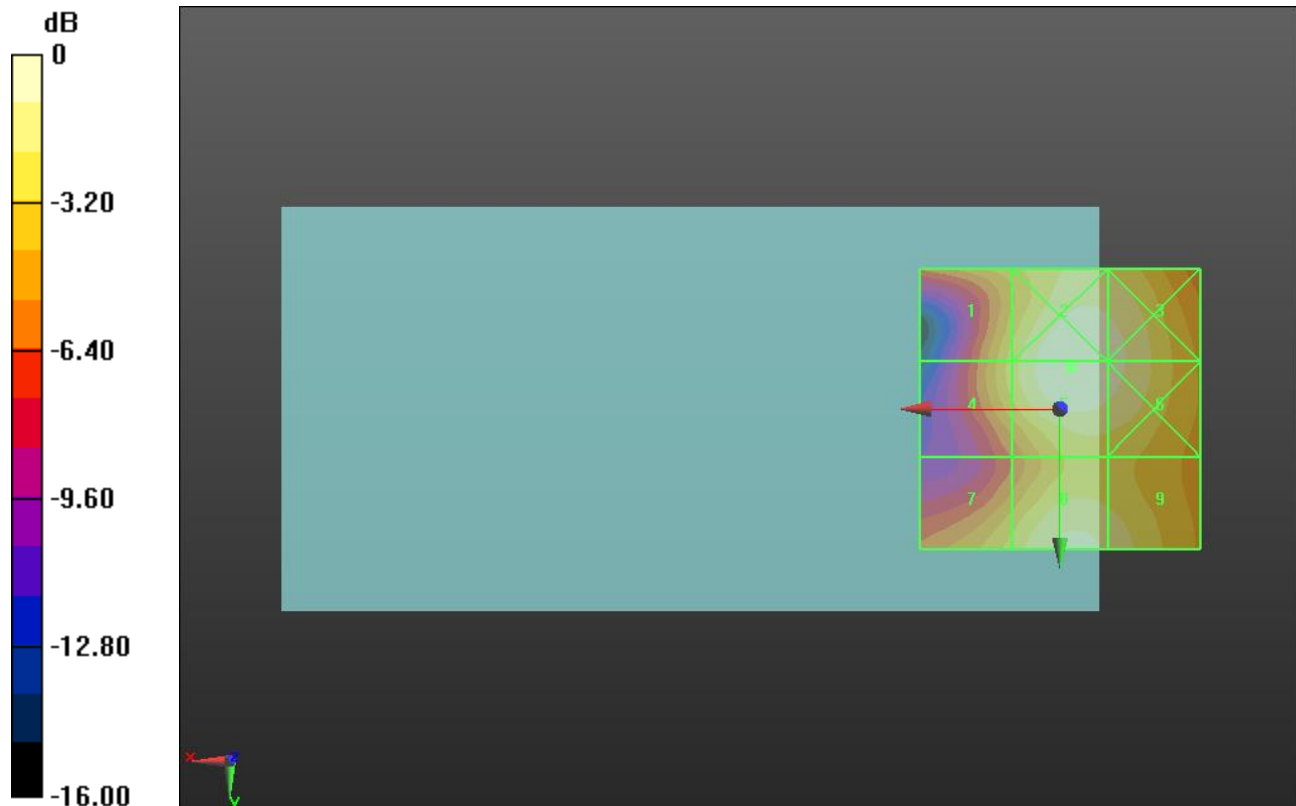
Applied MIF = -1.44 dB

RF audio interference level = 29.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.02 dBV/m	Grid 2 M4 29.71 dBV/m	Grid 3 M4 29.19 dBV/m
Grid 4 M4 27.1 dBV/m	Grid 5 M4 29.72 dBV/m	Grid 6 M4 29.19 dBV/m
Grid 7 M4 26.99 dBV/m	Grid 8 M4 28.96 dBV/m	Grid 9 M4 28.46 dBV/m



0 dB = 30.62 V/m = 29.72 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.18 V/m; Power Drift = 0.04 dB

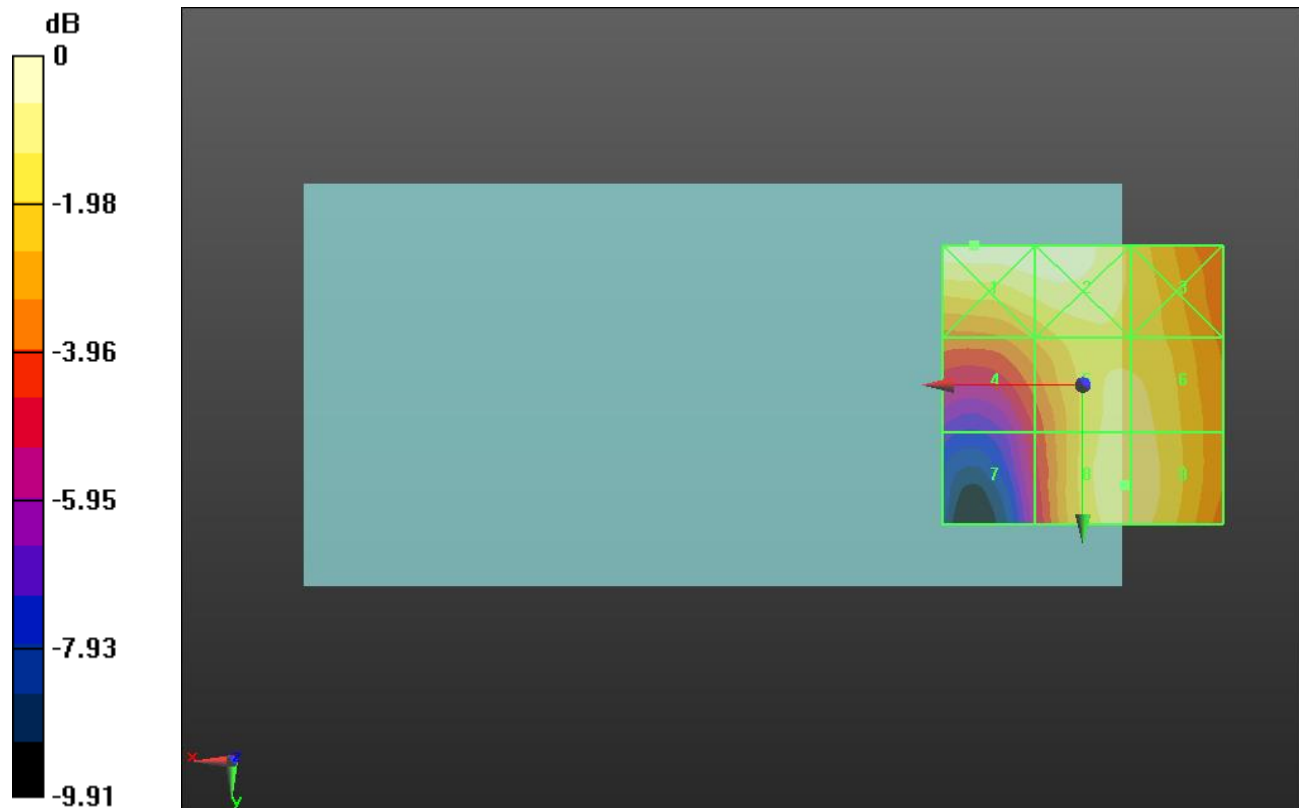
Applied MIF = 3.63 dB

RF audio interference level = 27.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.12 dBV/m	Grid 2 M4 28.06 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 25.59 dBV/m	Grid 5 M4 27.09 dBV/m	Grid 6 M4 27.07 dBV/m
Grid 7 M4 23.56 dBV/m	Grid 8 M4 27.24 dBV/m	Grid 9 M4 27.23 dBV/m



0 dB = 25.47 V/m = 28.12 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.67 V/m; Power Drift = -0.02 dB

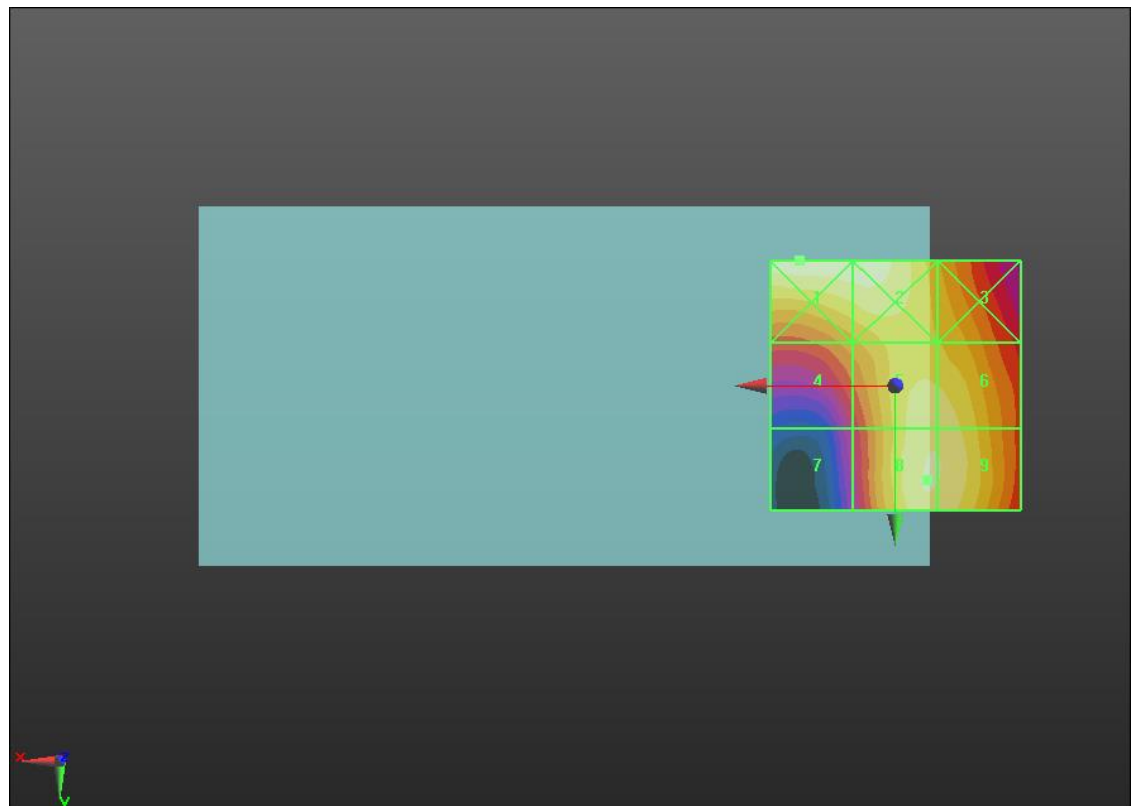
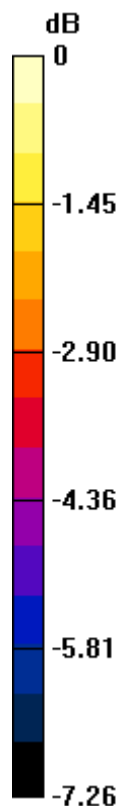
Applied MIF = 3.63 dB

RF audio interference level = 27.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.85 dBV/m	Grid 2 M4 27.74 dBV/m	Grid 3 M4 26.45 dBV/m
Grid 4 M4 25.73 dBV/m	Grid 5 M4 27.25 dBV/m	Grid 6 M4 27.24 dBV/m
Grid 7 M4 24.1 dBV/m	Grid 8 M4 27.43 dBV/m	Grid 9 M4 27.39 dBV/m



0 dB = 24.70 V/m = 27.85 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.22 V/m; Power Drift = 0.01 dB

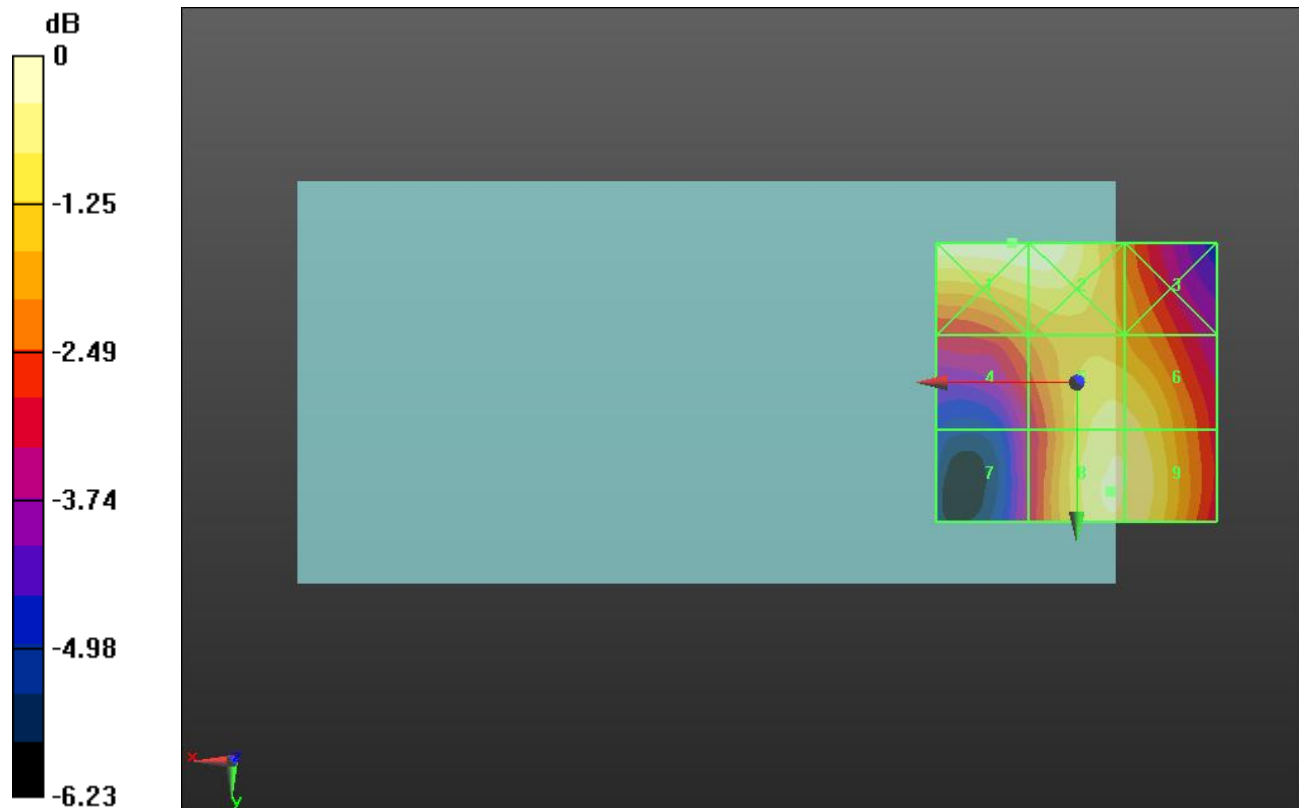
Applied MIF = 3.63 dB

RF audio interference level = 26.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.18 dBV/m	Grid 2 M4 27.17 dBV/m	Grid 3 M4 25.53 dBV/m
Grid 4 M4 25.22 dBV/m	Grid 5 M4 26.62 dBV/m	Grid 6 M4 26.57 dBV/m
Grid 7 M4 23.89 dBV/m	Grid 8 M4 26.85 dBV/m	Grid 9 M4 26.78 dBV/m



0 dB = 22.84 V/m = 27.17 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.50 V/m; Power Drift = -0.04 dB

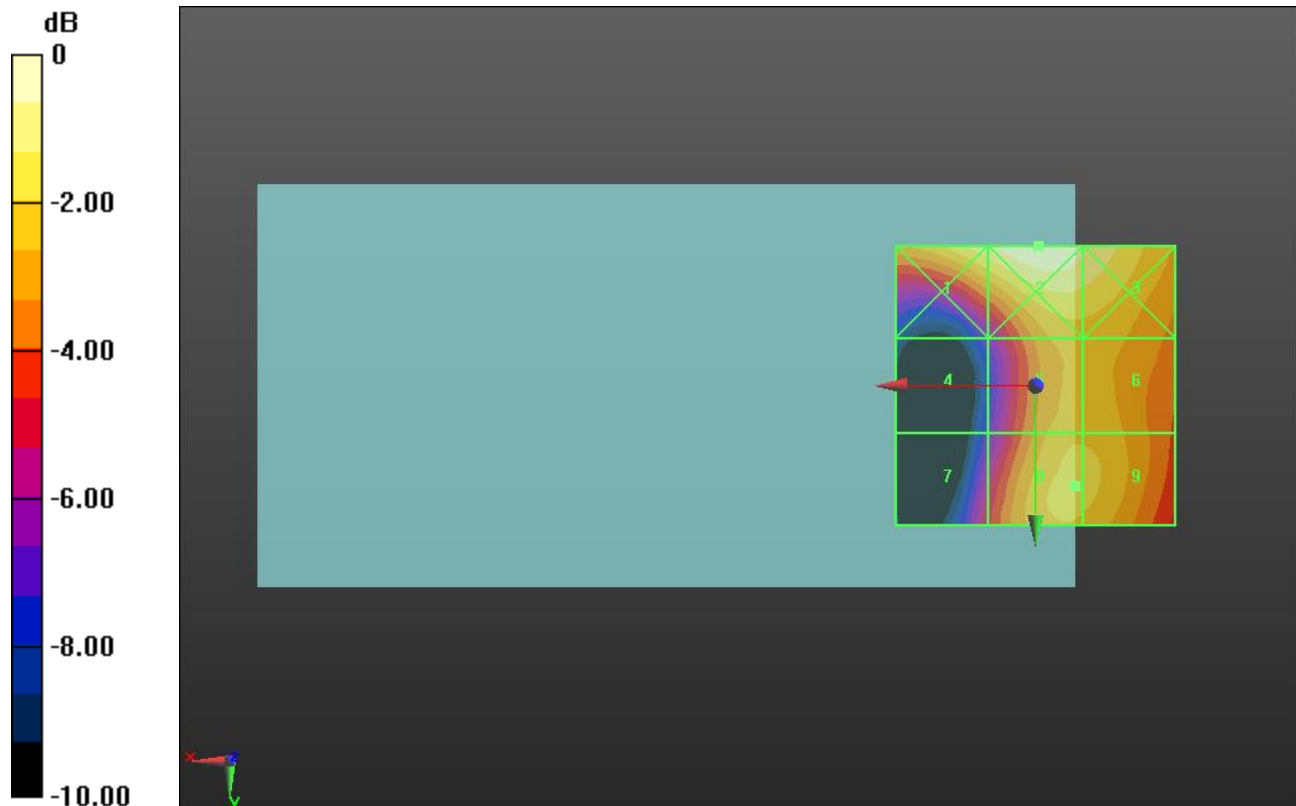
Applied MIF = -1.44 dB

RF audio interference level = 23.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.1 dBV/m	Grid 2 M4 24.84 dBV/m	Grid 3 M4 24.26 dBV/m
Grid 4 M4 18.3 dBV/m	Grid 5 M4 22.74 dBV/m	Grid 6 M4 22.74 dBV/m
Grid 7 M4 19.97 dBV/m	Grid 8 M4 23.07 dBV/m	Grid 9 M4 23.04 dBV/m



0 dB = 17.46 V/m = 24.84 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.24 V/m; Power Drift = 0.03 dB

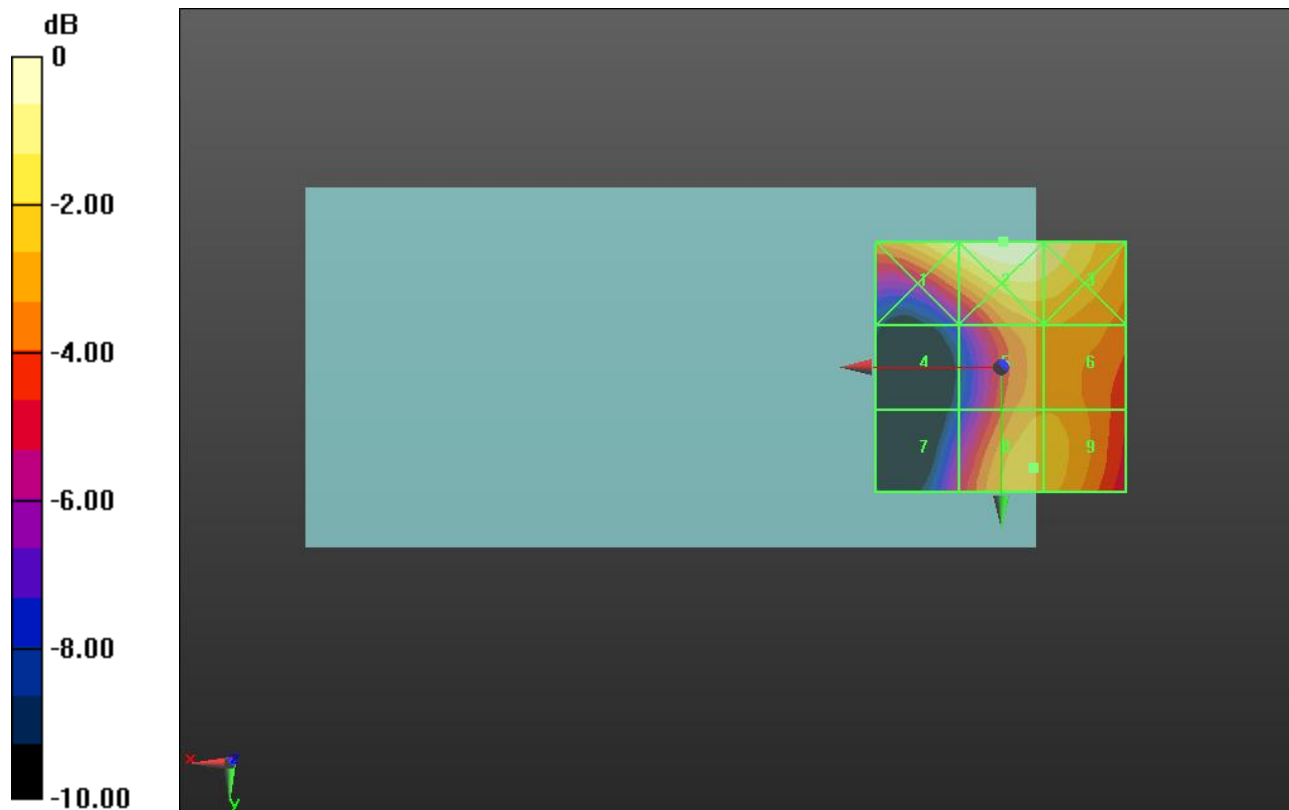
Applied MIF = -1.44 dB

RF audio interference level = 23.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.61 dBV/m	Grid 2 M4 25.33 dBV/m	Grid 3 M4 24.73 dBV/m
Grid 4 M4 18.46 dBV/m	Grid 5 M4 22.69 dBV/m	Grid 6 M4 22.7 dBV/m
Grid 7 M4 20.03 dBV/m	Grid 8 M4 23.18 dBV/m	Grid 9 M4 23.14 dBV/m



0 dB = 18.46 V/m = 25.32 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.98 V/m; Power Drift = 0.00 dB

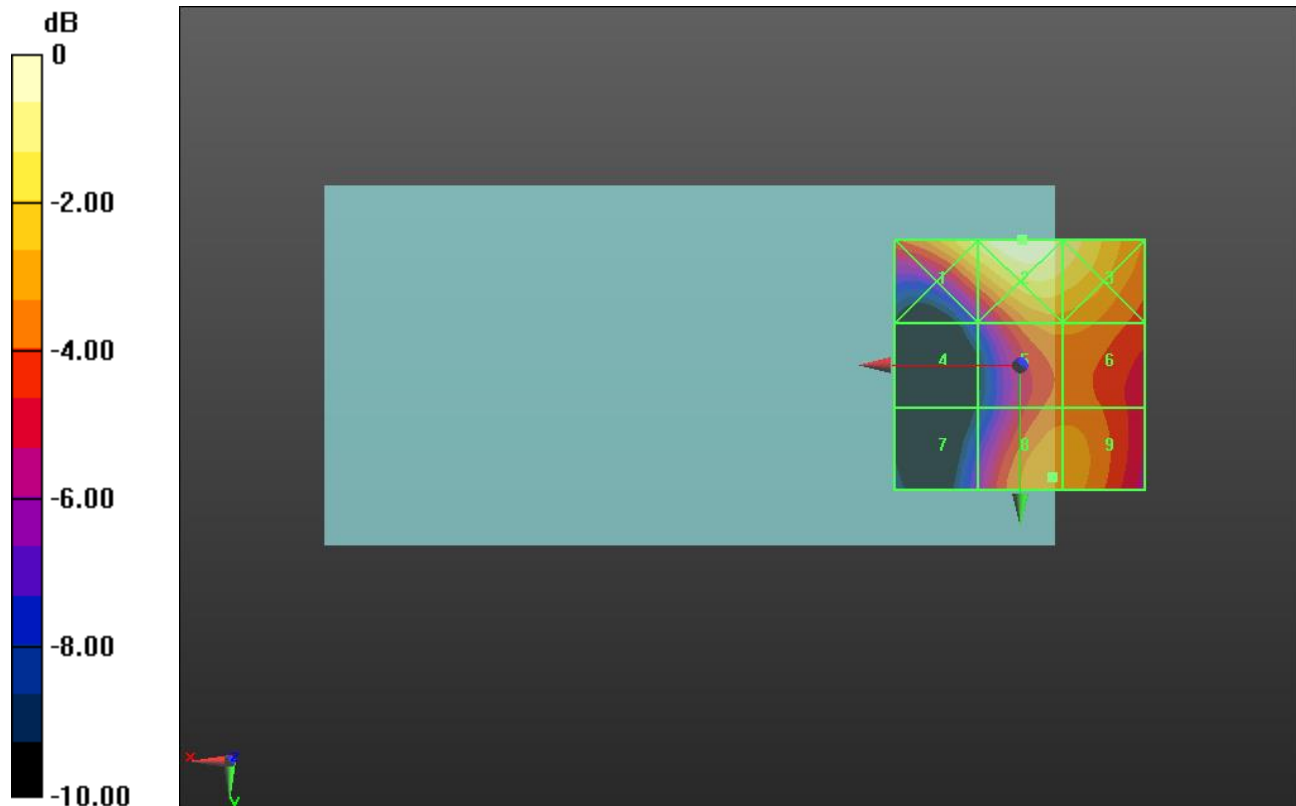
Applied MIF = -1.44 dB

RF audio interference level = 23.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.48 dBV/m	Grid 2 M4 26.41 dBV/m	Grid 3 M4 25.71 dBV/m
Grid 4 M4 19.43 dBV/m	Grid 5 M4 23.47 dBV/m	Grid 6 M4 23.44 dBV/m
Grid 7 M4 19.97 dBV/m	Grid 8 M4 23.64 dBV/m	Grid 9 M4 23.58 dBV/m



0 dB = 20.93 V/m = 26.42 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 17.47 V/m; Power Drift = 0.01 dB

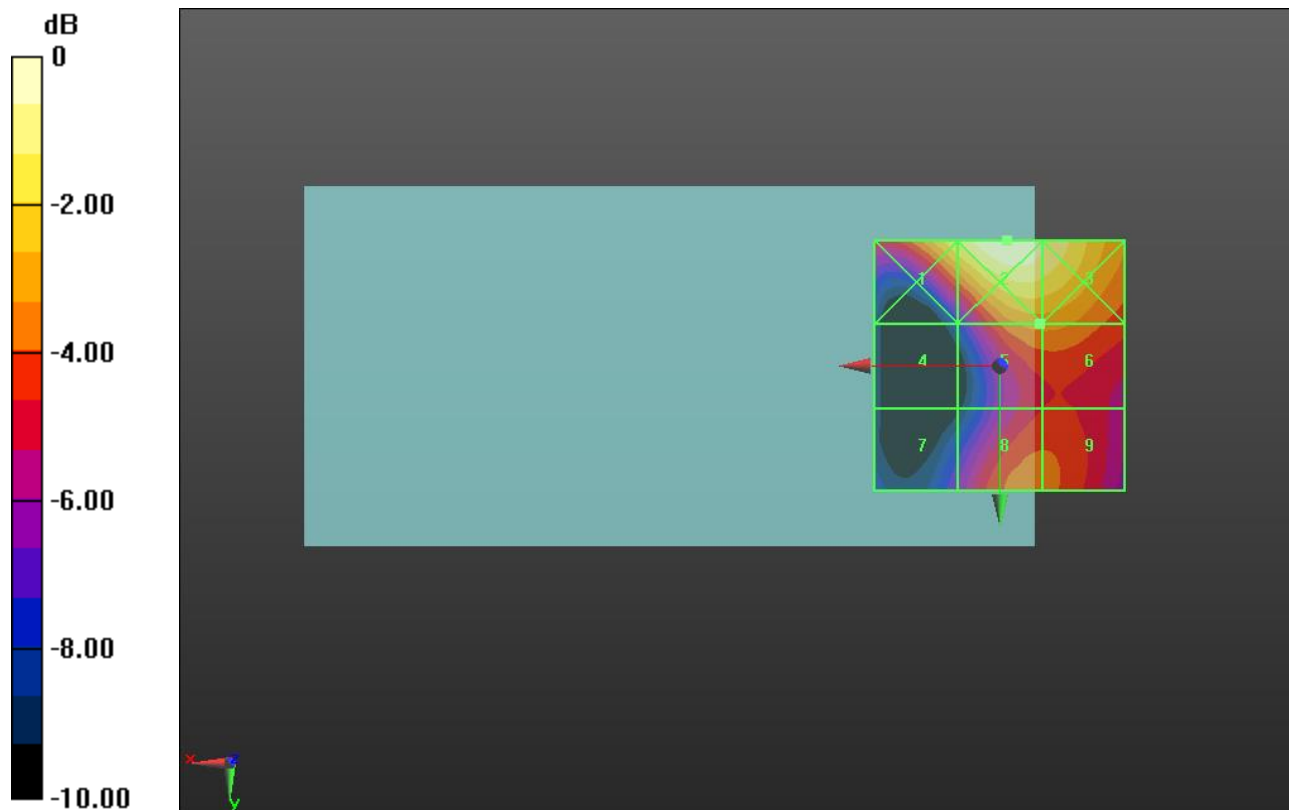
Applied MIF = -1.44 dB

RF audio interference level = 24.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.78 dBV/m	Grid 2 M4 27.04 dBV/m	Grid 3 M4 26.5 dBV/m
Grid 4 M4 19.32 dBV/m	Grid 5 M4 24.01 dBV/m	Grid 6 M4 24.01 dBV/m
Grid 7 M4 20.49 dBV/m	Grid 8 M4 23.36 dBV/m	Grid 9 M4 23.3 dBV/m



0 dB = 22.50 V/m = 27.04 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 = 18.31 V/m; Power Drift = -0.04 dB

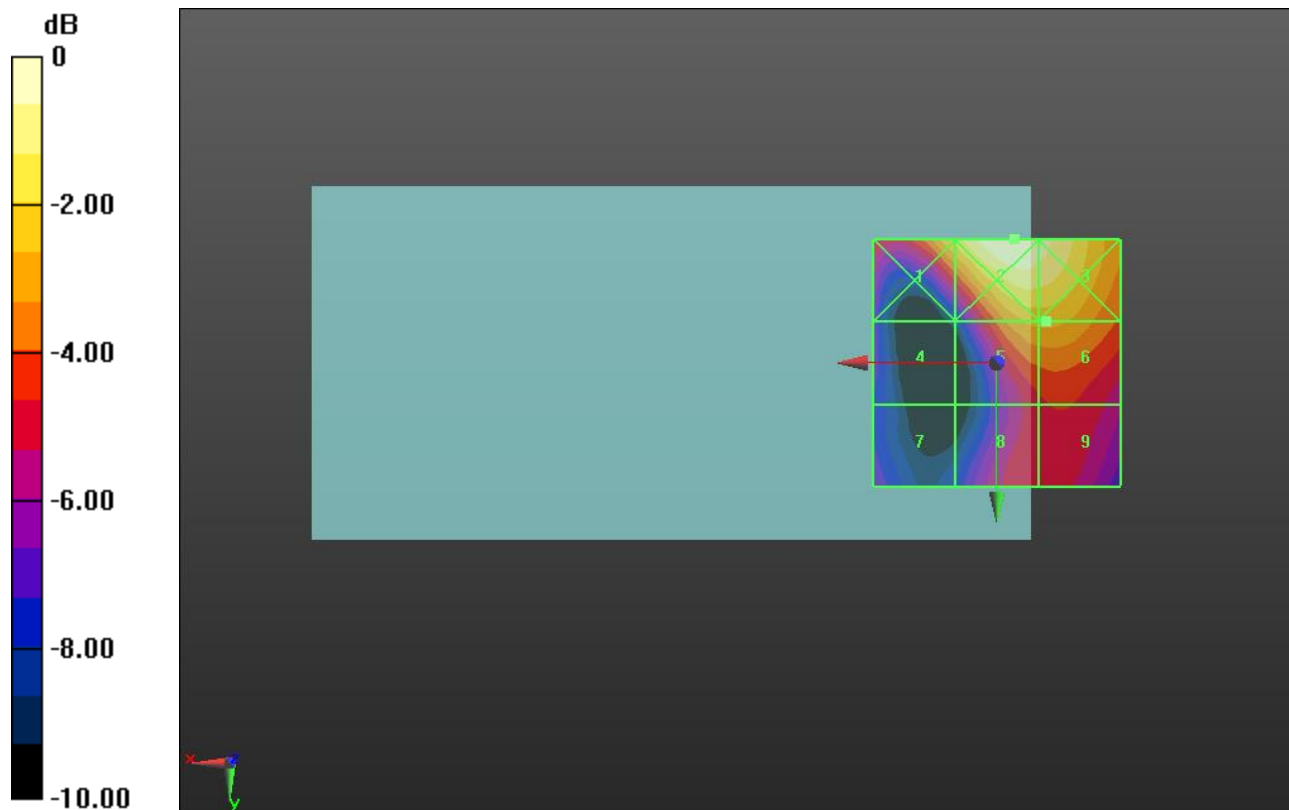
Applied MIF = -1.44 dB

RF audio interference level = 24.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.5 dBV/m	Grid 2 M4 27.22 dBV/m	Grid 3 M4 26.87 dBV/m
Grid 4 M4 20.54 dBV/m	Grid 5 M4 24.76 dBV/m	Grid 6 M4 24.77 dBV/m
Grid 7 M4 20.6 dBV/m	Grid 8 M4 22.46 dBV/m	Grid 9 M4 22.63 dBV/m



0 dB = 22.96 V/m = 27.22 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.05 V/m; Power Drift = 0.10 dB

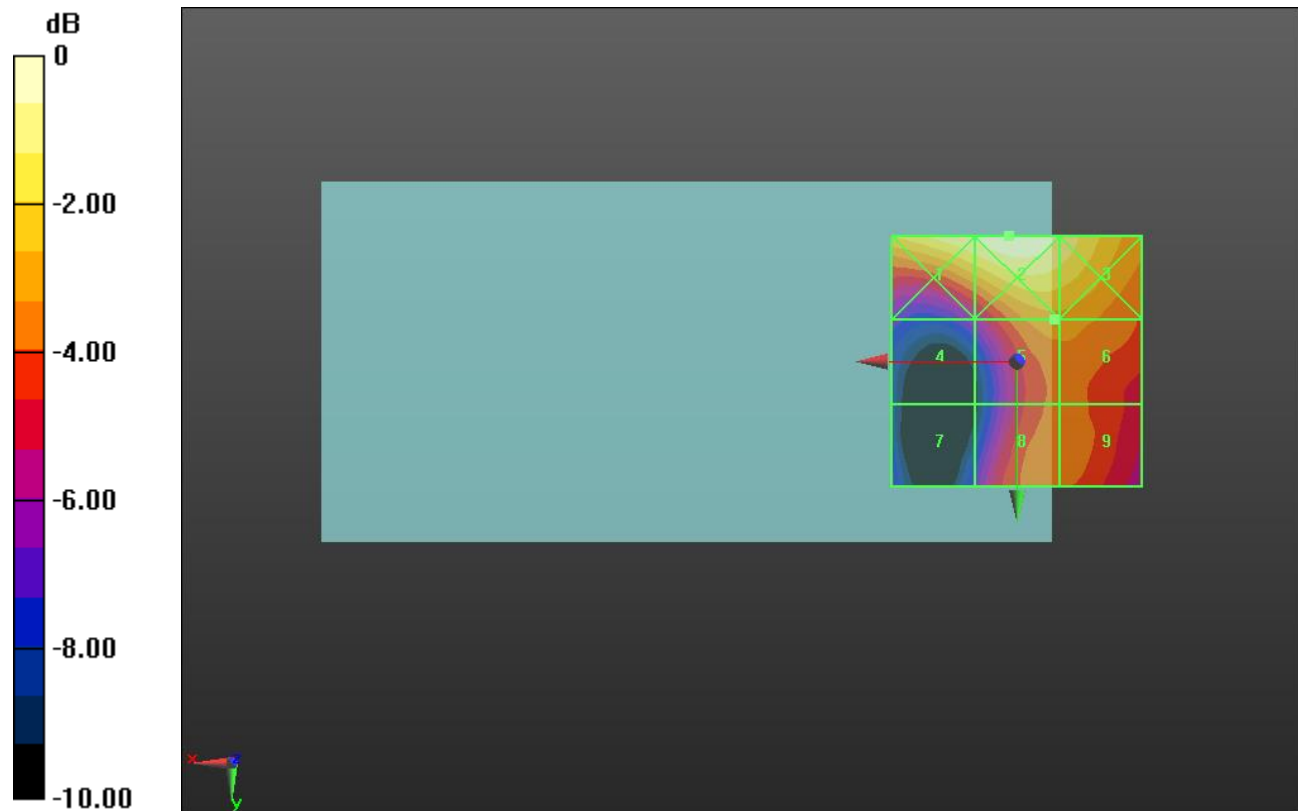
Applied MIF = -1.44 dB

RF audio interference level = 21.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.16 dBV/m	Grid 2 M4 24.63 dBV/m	Grid 3 M4 23.9 dBV/m
Grid 4 M4 18.61 dBV/m	Grid 5 M4 21.76 dBV/m	Grid 6 M4 21.76 dBV/m
Grid 7 M4 17.75 dBV/m	Grid 8 M4 21.1 dBV/m	Grid 9 M4 21.1 dBV/m



0 dB = 17.04 V/m = 24.63 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.05 V/m; Power Drift = -0.09 dB

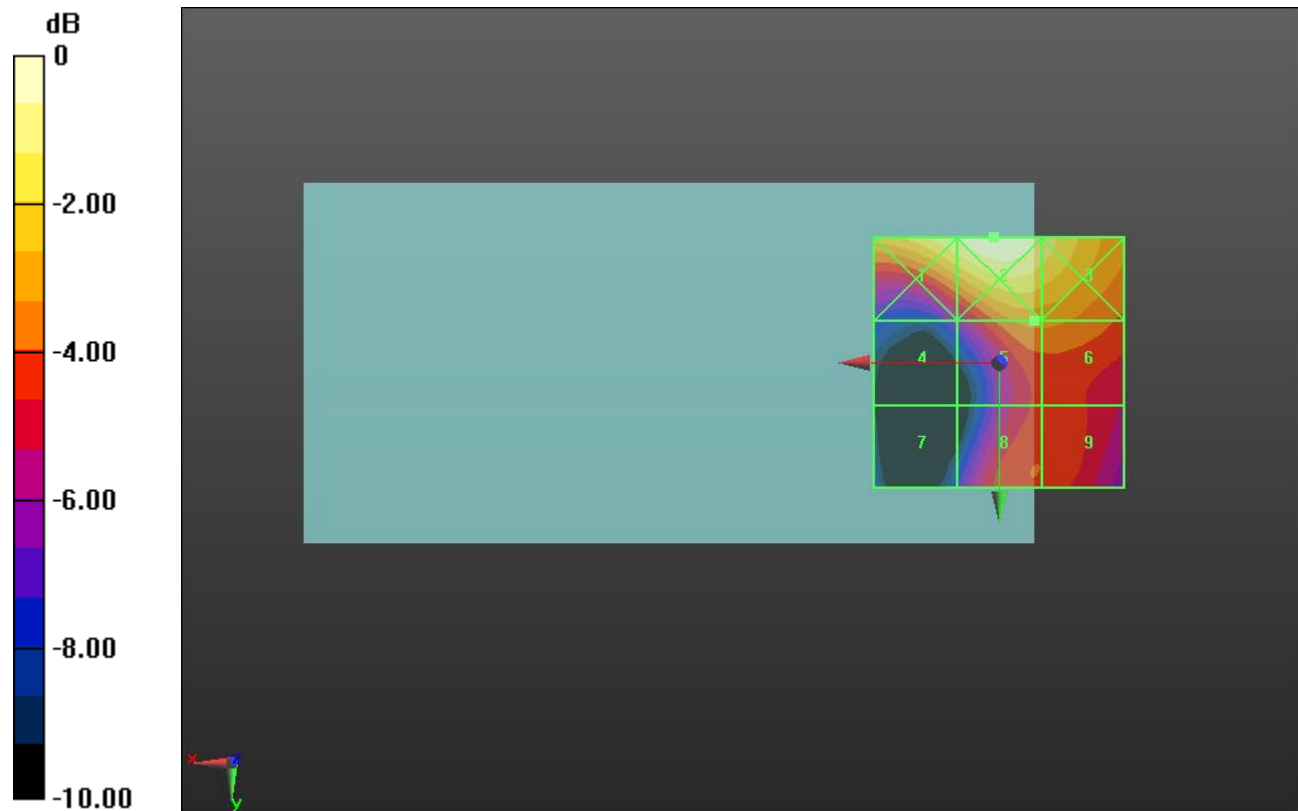
Applied MIF = -1.44 dB

RF audio interference level = 22.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.83 dBV/m	Grid 2 M4 25.37 dBV/m	Grid 3 M4 24.52 dBV/m
Grid 4 M4 19.18 dBV/m	Grid 5 M4 22.31 dBV/m	Grid 6 M4 22.28 dBV/m
Grid 7 M4 17.95 dBV/m	Grid 8 M4 21.39 dBV/m	Grid 9 M4 21.38 dBV/m



0 dB = 18.55 V/m = 25.37 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.76 V/m; Power Drift = -0.02 dB

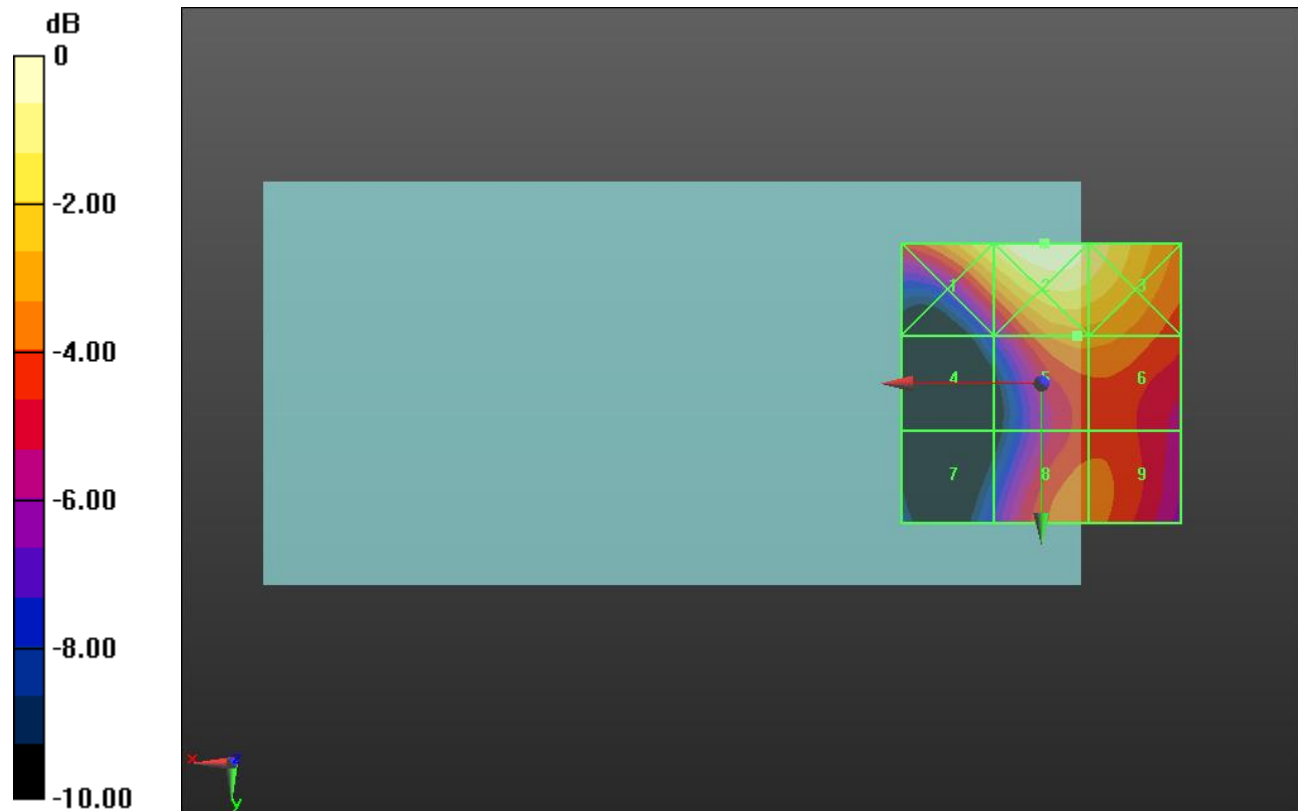
Applied MIF = -1.44 dB

RF audio interference level = 24.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.41 dBV/m	Grid 2 M4 27.4 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 20.56 dBV/m	Grid 5 M4 24.48 dBV/m	Grid 6 M4 24.43 dBV/m
Grid 7 M4 20.17 dBV/m	Grid 8 M4 23.77 dBV/m	Grid 9 M4 23.74 dBV/m



0 dB = 23.45 V/m = 27.40 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.78 V/m; Power Drift = 0.07 dB

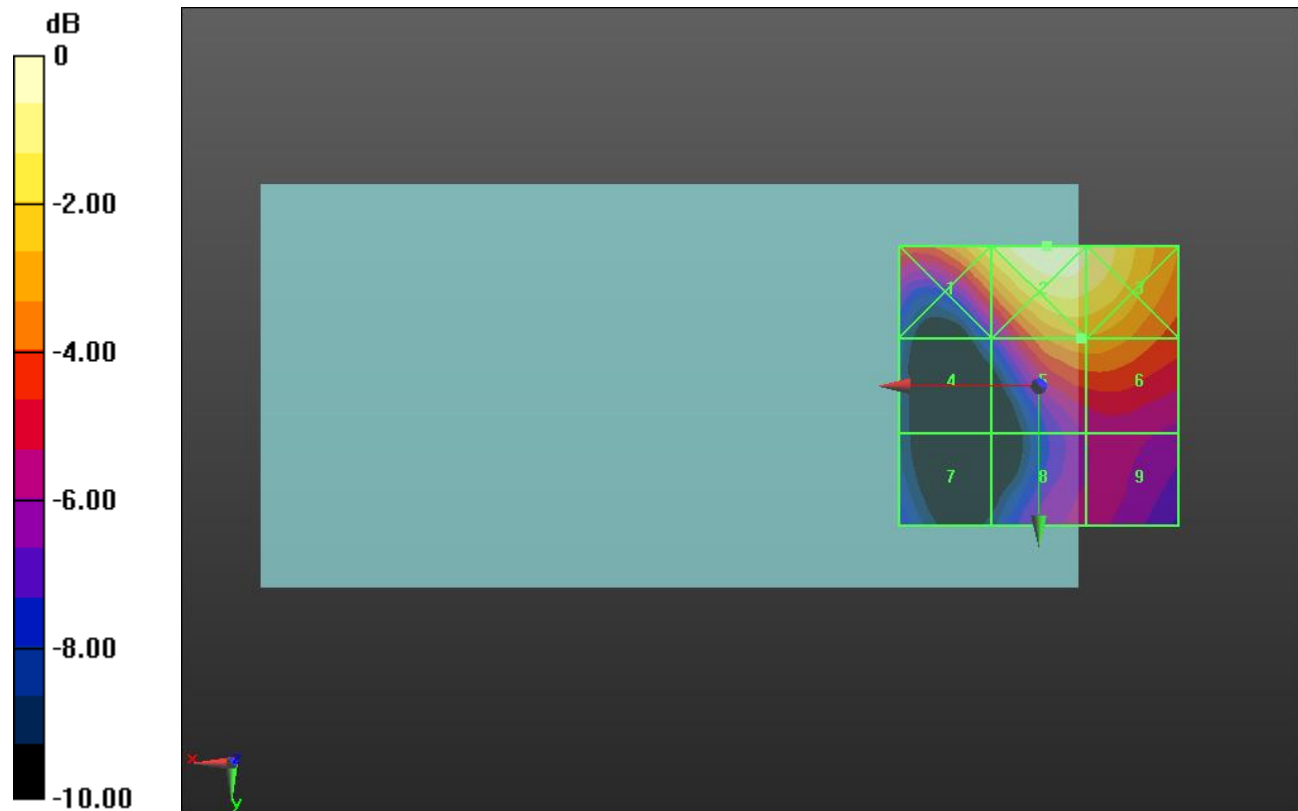
Applied MIF = -1.44 dB

RF audio interference level = 24.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.64 dBV/m	Grid 2 M4 26.94 dBV/m	Grid 3 M4 26.38 dBV/m
Grid 4 M4 19.68 dBV/m	Grid 5 M4 24.17 dBV/m	Grid 6 M4 24.17 dBV/m
Grid 7 M4 19.79 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 21.3 dBV/m



0 dB = 22.22 V/m = 26.93 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.80 V/m; Power Drift = -0.02 dB

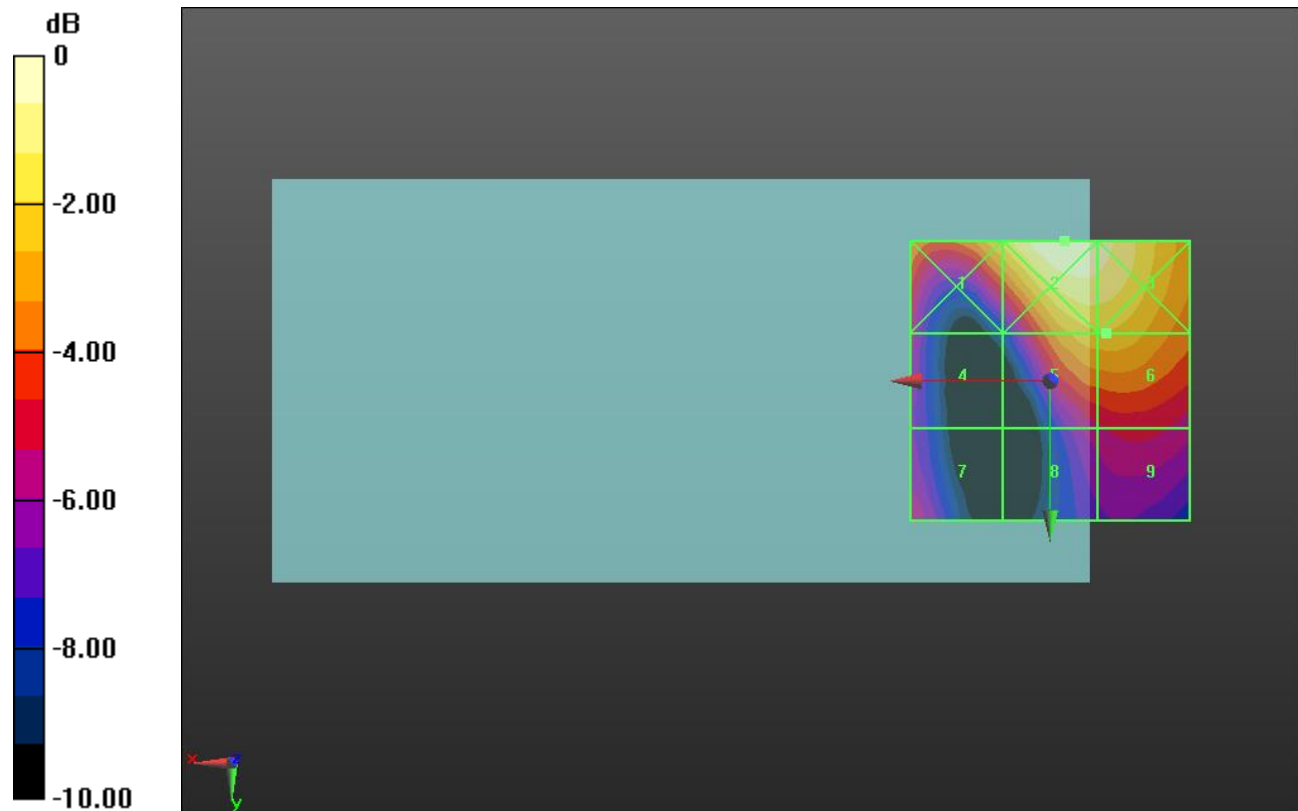
Applied MIF = -1.44 dB

RF audio interference level = 24.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.93 dBV/m	Grid 2 M4 26.67 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 21.23 dBV/m	Grid 5 M4 24.55 dBV/m	Grid 6 M4 24.57 dBV/m
Grid 7 M4 21.45 dBV/m	Grid 8 M4 21.21 dBV/m	Grid 9 M4 21.64 dBV/m



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

HAC-RF Emission

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 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 = 11.14 V/m; Power Drift = -0.47 dB

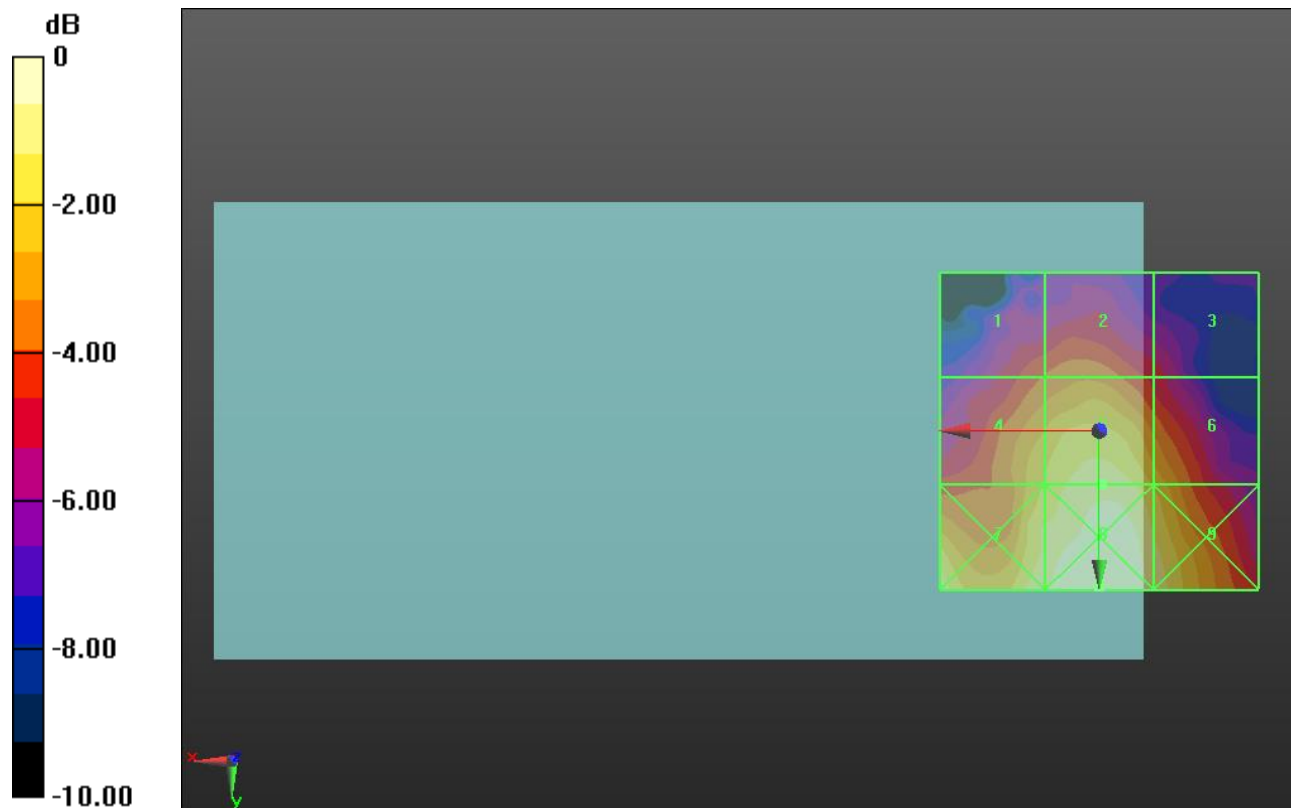
Applied MIF = -2.02 dB

RF audio interference level = 16.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.88 dBV/m	Grid 2 M4 14.36 dBV/m	Grid 3 M4 12.94 dBV/m
Grid 4 M4 15.91 dBV/m	Grid 5 M4 16.9 dBV/m	Grid 6 M4 15.74 dBV/m
Grid 7 M4 17.08 dBV/m	Grid 8 M4 17.79 dBV/m	Grid 9 M4 16.93 dBV/m



0 dB = 7.756 V/m = 17.79 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 = 10.29 V/m; Power Drift = 0.03 dB

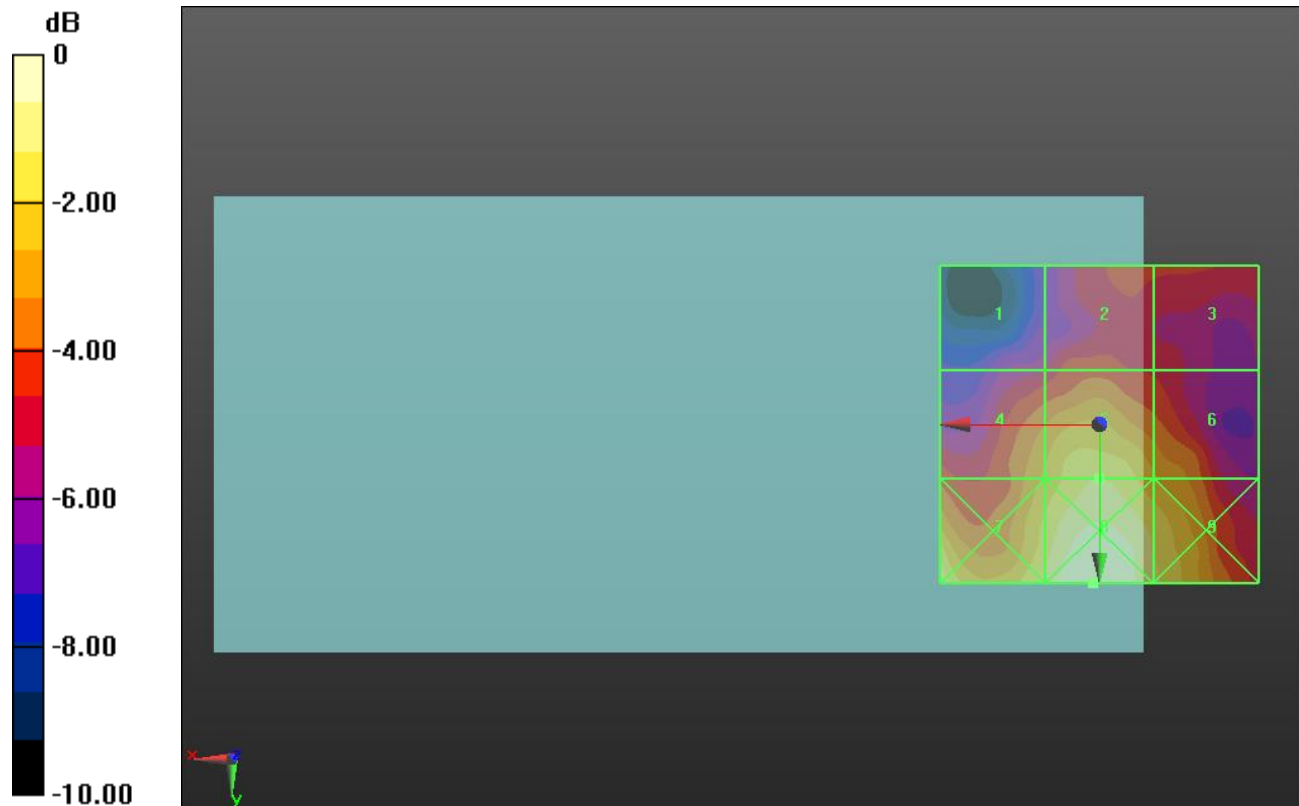
Applied MIF = -2.02 dB

RF audio interference level = 16.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.51 dBV/m	Grid 2 M4 13.51 dBV/m	Grid 3 M4 13.35 dBV/m
Grid 4 M4 15.27 dBV/m	Grid 5 M4 16.4 dBV/m	Grid 6 M4 15.23 dBV/m
Grid 7 M4 17.11 dBV/m	Grid 8 M4 17.74 dBV/m	Grid 9 M4 16.62 dBV/m



0 dB = 7.712 V/m = 17.74 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 10.99 V/m; Power Drift = -0.04 dB

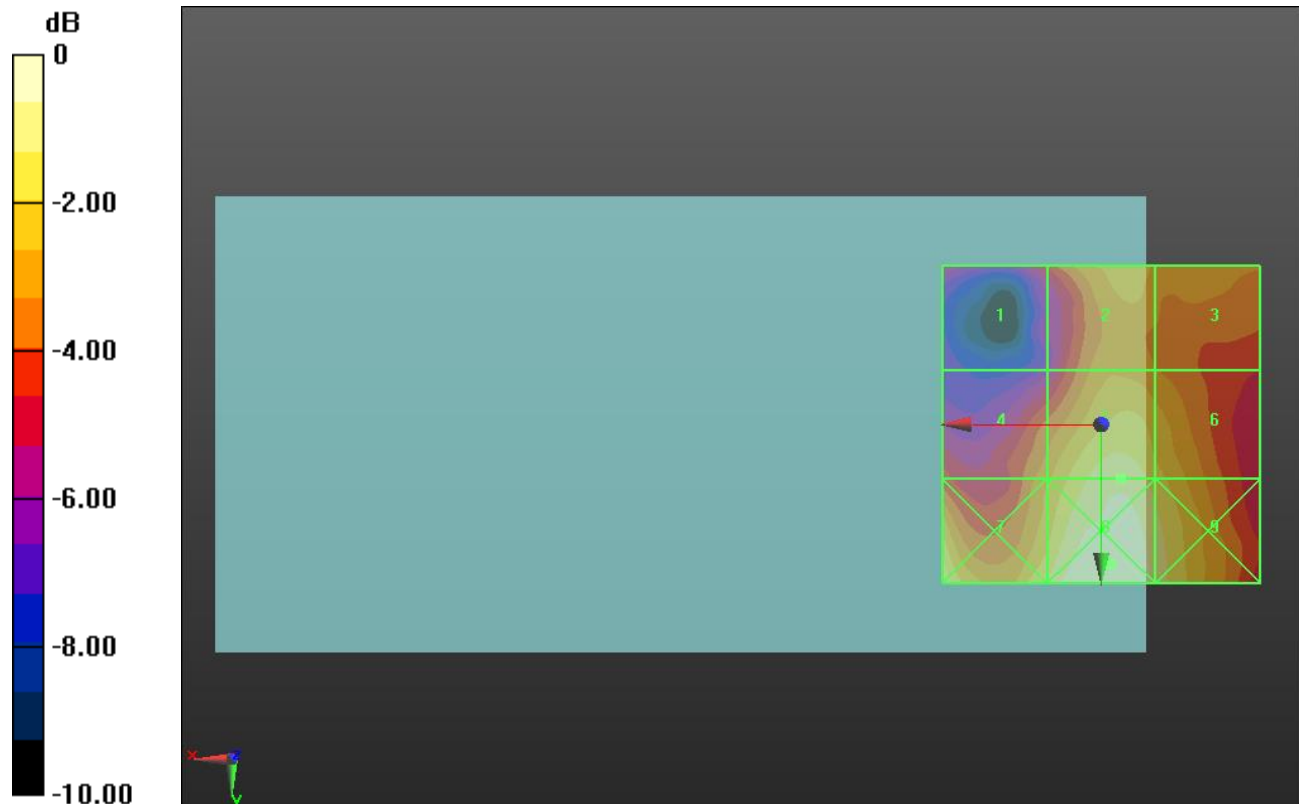
Applied MIF = -2.02 dB

RF audio interference level = 16.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.86 dBV/m	Grid 2 M4 15.01 dBV/m	Grid 3 M4 14.6 dBV/m
Grid 4 M4 14.56 dBV/m	Grid 5 M4 16.48 dBV/m	Grid 6 M4 15.69 dBV/m
Grid 7 M4 16.69 dBV/m	Grid 8 M4 17.34 dBV/m	Grid 9 M4 16.46 dBV/m



0 dB = 7.366 V/m = 17.34 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 = 10.19 V/m; Power Drift = -0.02 dB

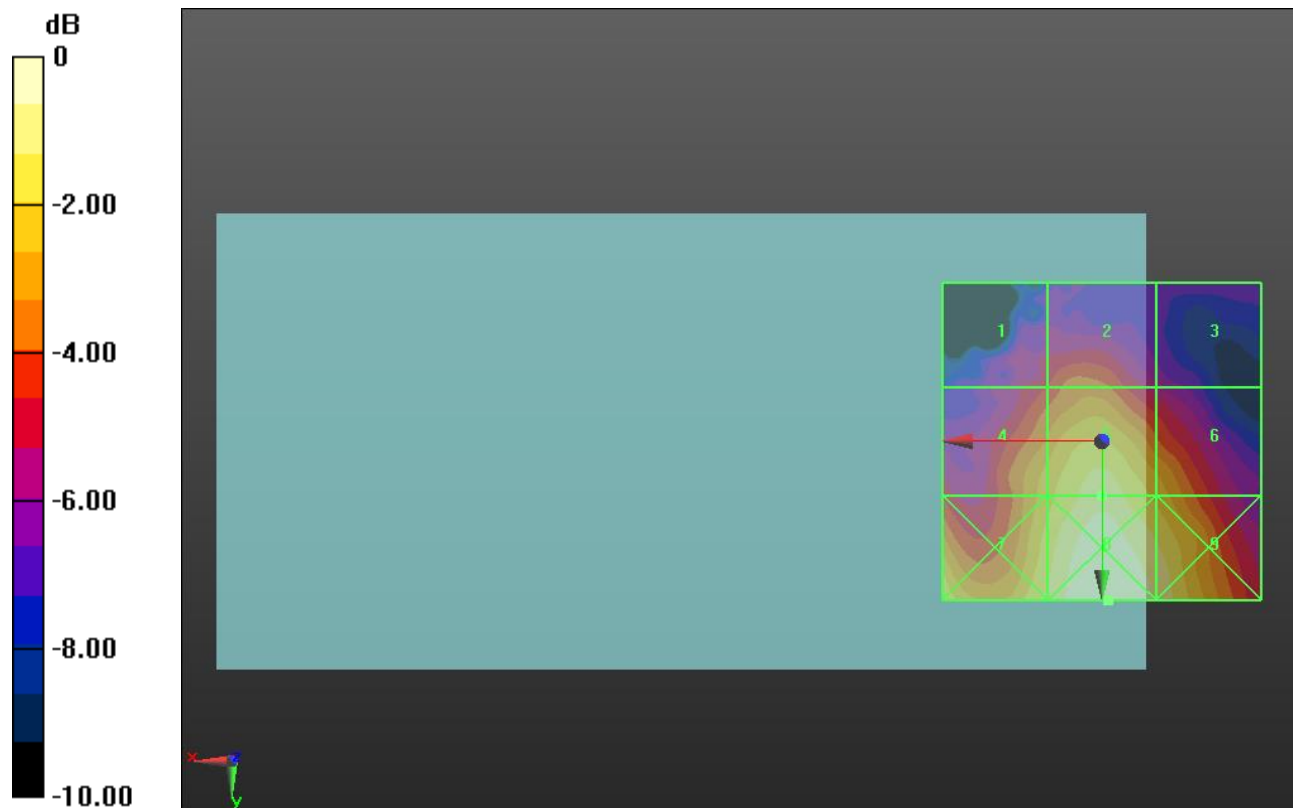
Applied MIF = 0.12 dB

RF audio interference level = 18.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.86 dBV/m	Grid 2 M4 15.83 dBV/m	Grid 3 M4 13.6 dBV/m
Grid 4 M4 17.21 dBV/m	Grid 5 M4 18.52 dBV/m	Grid 6 M4 17.25 dBV/m
Grid 7 M4 18.31 dBV/m	Grid 8 M4 19.44 dBV/m	Grid 9 M4 18.69 dBV/m



0 dB = 9.372 V/m = 19.44 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 = 10.26 V/m; Power Drift = -0.13 dB

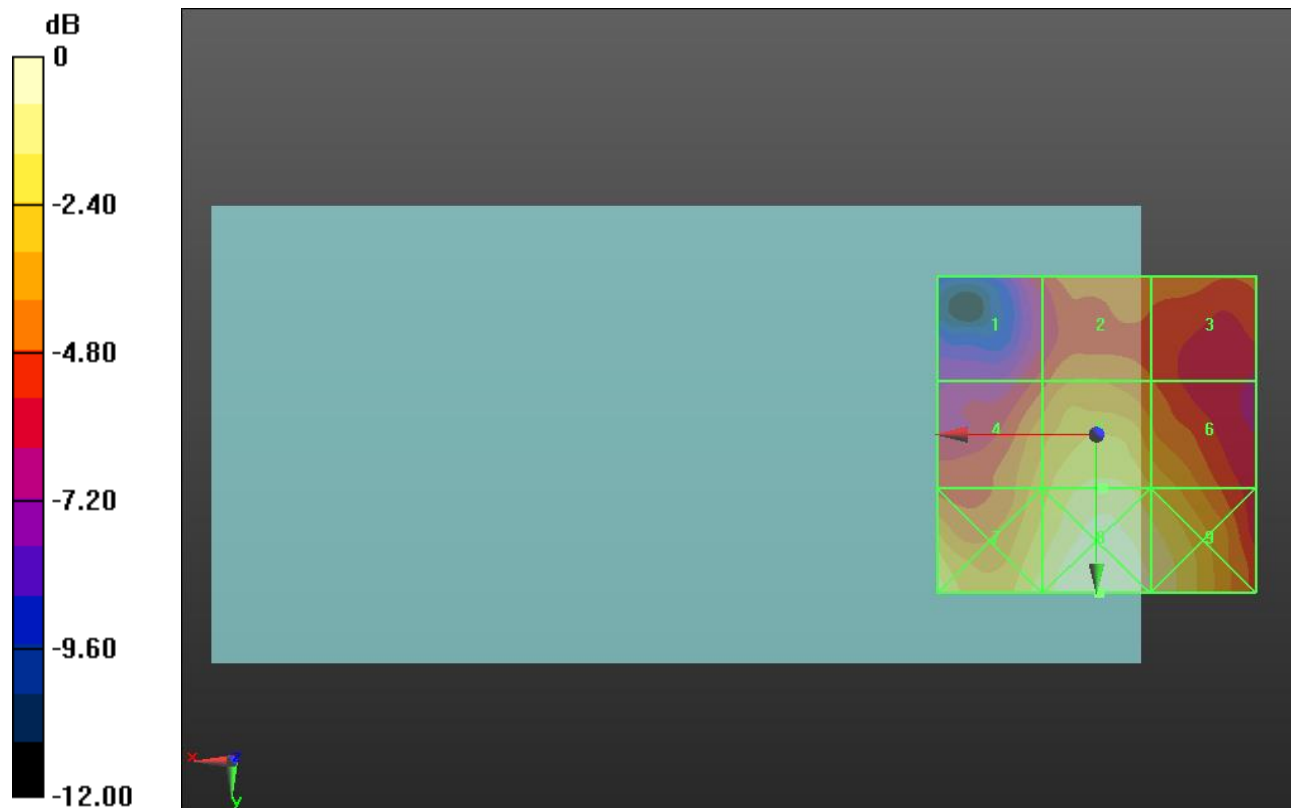
Applied MIF = 0.12 dB

RF audio interference level = 18.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.31 dBV/m	Grid 2 M4 15.55 dBV/m	Grid 3 M4 15.25 dBV/m
Grid 4 M4 16.77 dBV/m	Grid 5 M4 18.18 dBV/m	Grid 6 M4 17.16 dBV/m
Grid 7 M4 18.47 dBV/m	Grid 8 M4 19.47 dBV/m	Grid 9 M4 18.68 dBV/m



0 dB = 9.405 V/m = 19.47 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 = 10.40 V/m; Power Drift = 0.22 dB

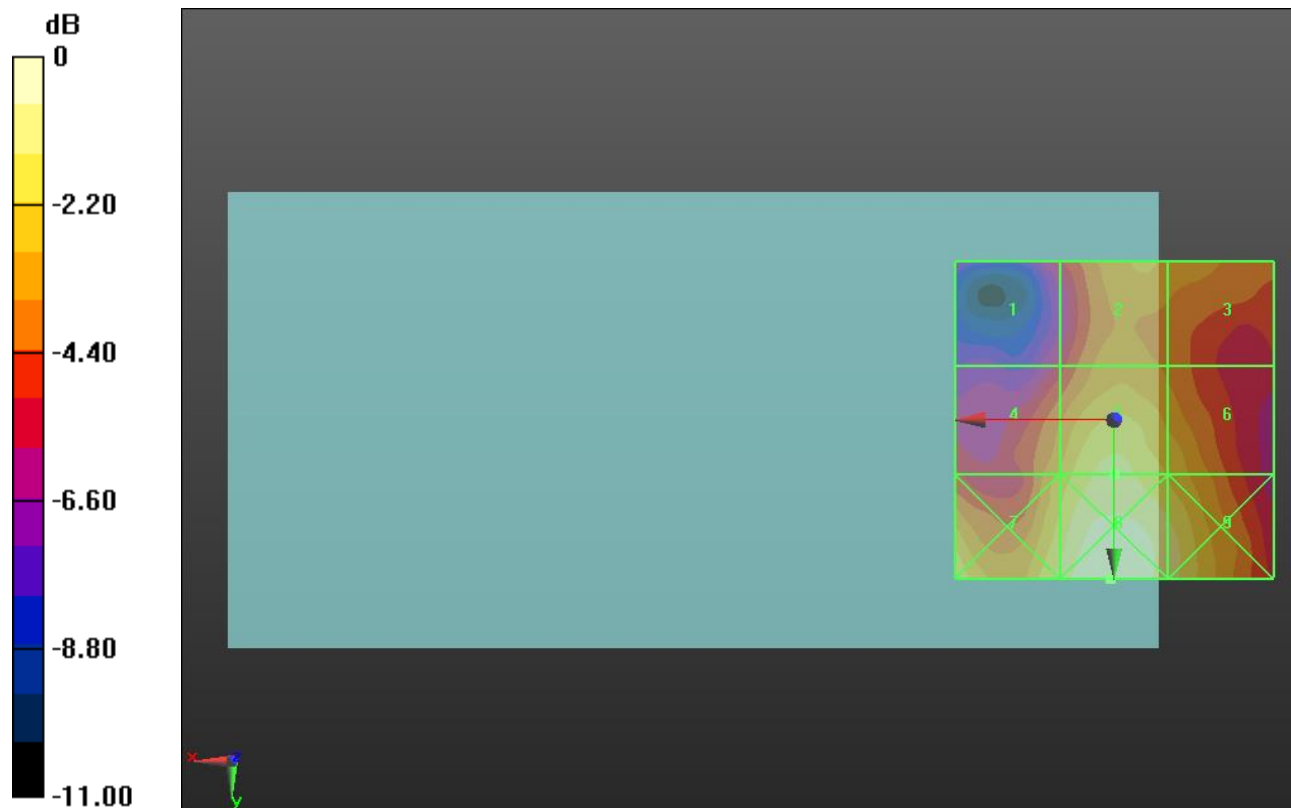
Applied MIF = 0.12 dB

RF audio interference level = 18.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.55 dBV/m	Grid 2 M4 16.89 dBV/m	Grid 3 M4 16.46 dBV/m
Grid 4 M4 16.95 dBV/m	Grid 5 M4 18.58 dBV/m	Grid 6 M4 17.41 dBV/m
Grid 7 M4 18.51 dBV/m	Grid 8 M4 19.69 dBV/m	Grid 9 M4 18.62 dBV/m



0 dB = 9.652 V/m = 19.69 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 = 22.72 V/m; Power Drift = 0.01 dB

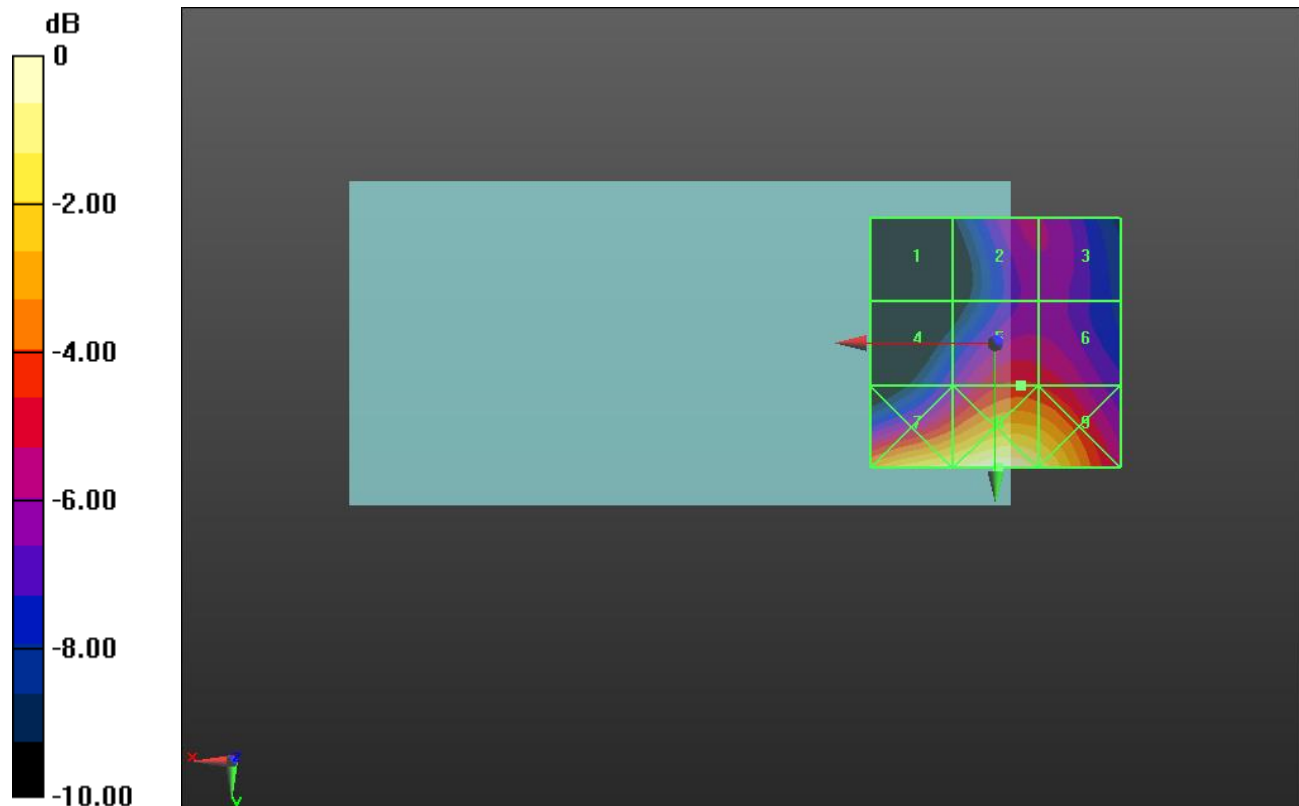
Applied MIF = 3.63 dB

RF audio interference level = 29.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.83 dBV/m	Grid 2 M4 28.41 dBV/m	Grid 3 M4 28.38 dBV/m
Grid 4 M4 27.73 dBV/m	Grid 5 M4 29.79 dBV/m	Grid 6 M4 29.63 dBV/m
Grid 7 M3 33.54 dBV/m	Grid 8 M3 34.26 dBV/m	Grid 9 M3 33.48 dBV/m



0 dB = 51.62 V/m = 34.26 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 = 21.94 V/m; Power Drift = -0.04 dB

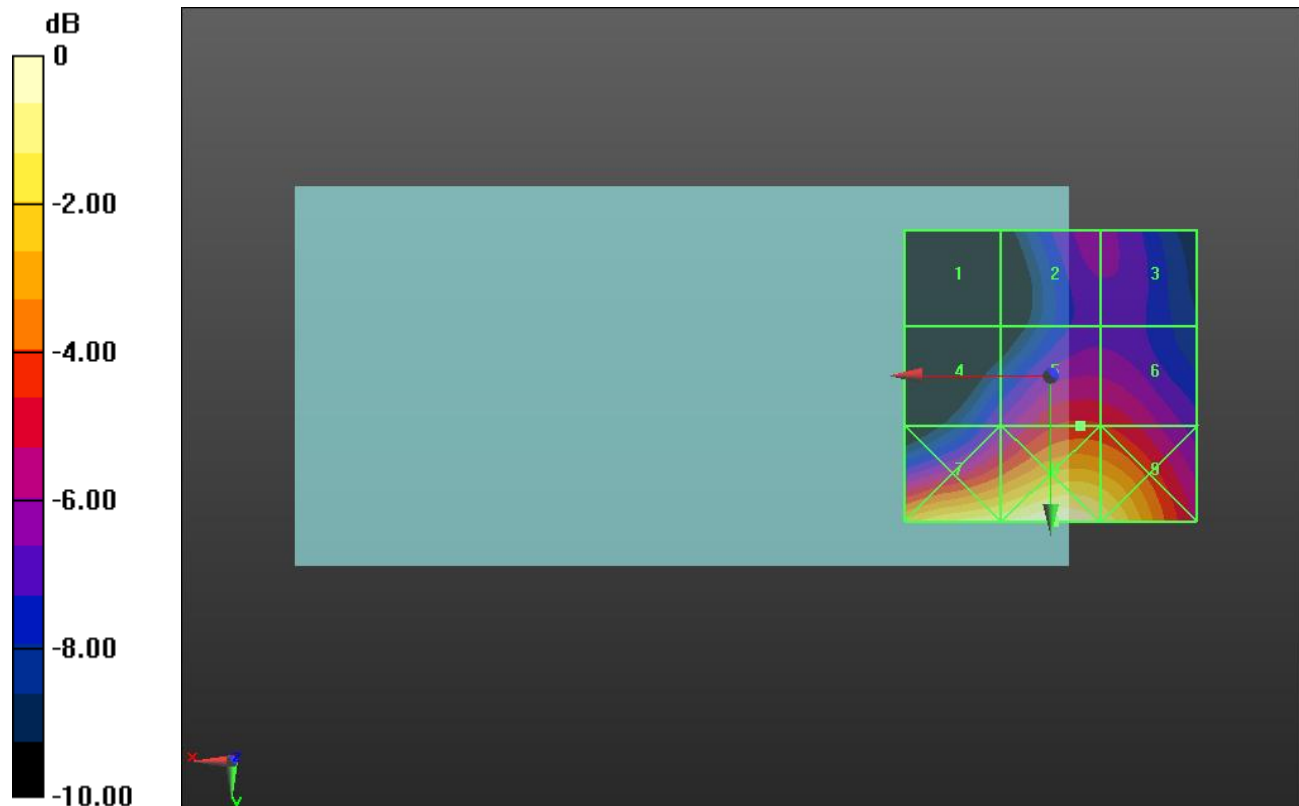
Applied MIF = 3.63 dB

RF audio interference level = 29.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24 dBV/m	Grid 2 M4 27.68 dBV/m	Grid 3 M4 27.64 dBV/m
Grid 4 M4 27.64 dBV/m	Grid 5 M4 29.62 dBV/m	Grid 6 M4 29.52 dBV/m
Grid 7 M3 33.45 dBV/m	Grid 8 M3 34.1 dBV/m	Grid 9 M3 33.38 dBV/m



0 dB = 50.70 V/m = 34.10 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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 = 22.62 V/m; Power Drift = -0.00 dB

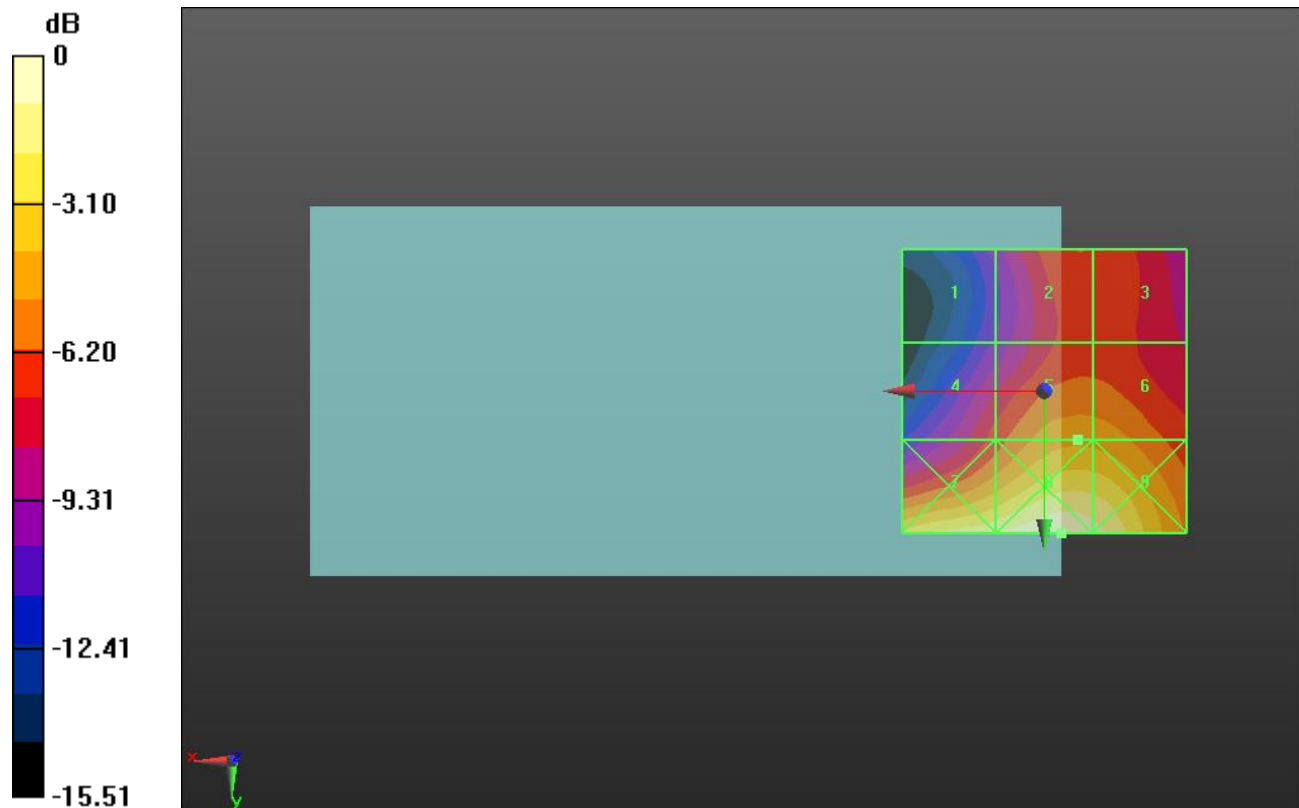
Applied MIF = 3.63 dB

RF audio interference level = 29.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.63 dBV/m	Grid 2 M4 28.1 dBV/m	Grid 3 M4 28.01 dBV/m
Grid 4 M4 27.56 dBV/m	Grid 5 M4 29.92 dBV/m	Grid 6 M4 29.83 dBV/m
Grid 7 M3 33.18 dBV/m	Grid 8 M3 34.26 dBV/m	Grid 9 M3 33.7 dBV/m



0 dB = 51.65 V/m = 34.26 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.50 V/m; Power Drift = -0.09 dB

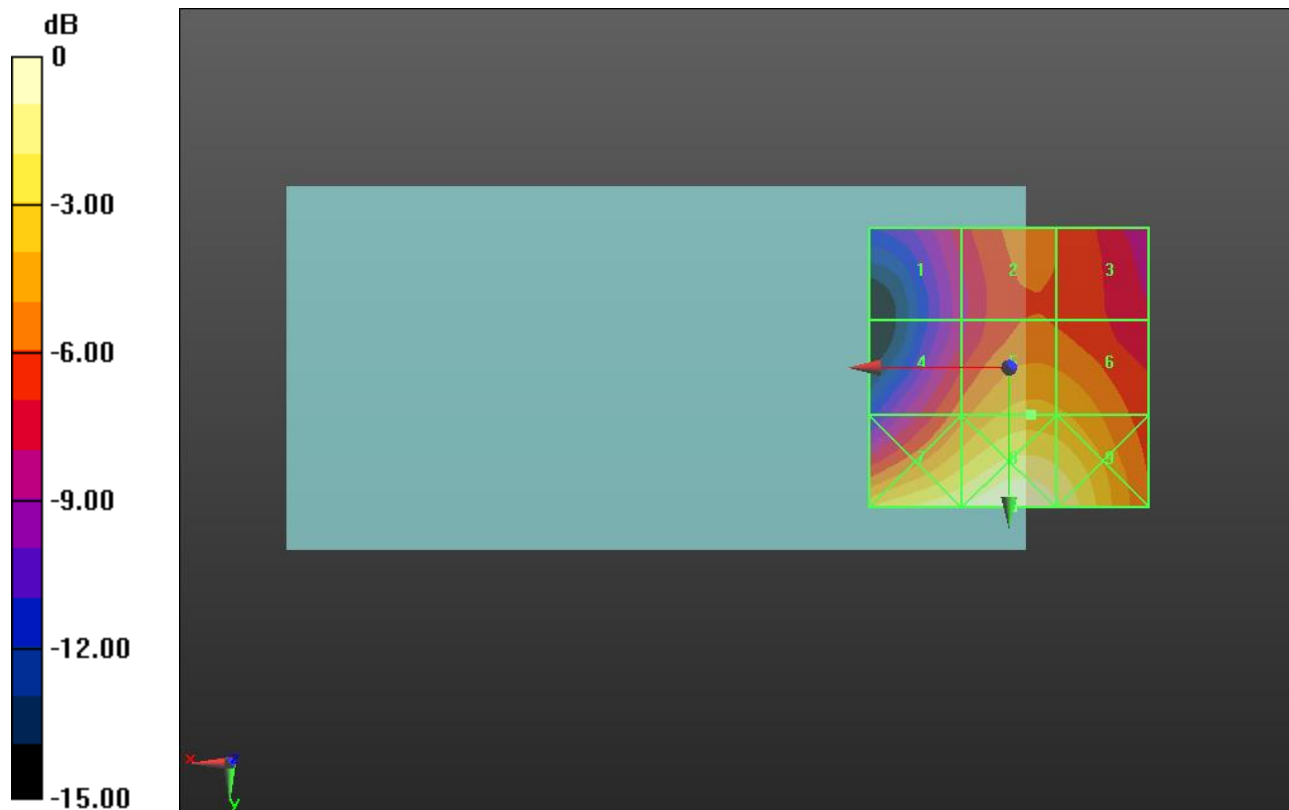
Applied MIF = -1.44 dB

RF audio interference level = 23.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20 dBV/m	Grid 2 M4 21.69 dBV/m	Grid 3 M4 21.41 dBV/m
Grid 4 M4 22.04 dBV/m	Grid 5 M4 23.88 dBV/m	Grid 6 M4 23.65 dBV/m
Grid 7 M4 26.51 dBV/m	Grid 8 M4 27.39 dBV/m	Grid 9 M4 26.52 dBV/m



0 dB = 23.42 V/m = 27.39 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 = 21.42 V/m; Power Drift = 0.01 dB

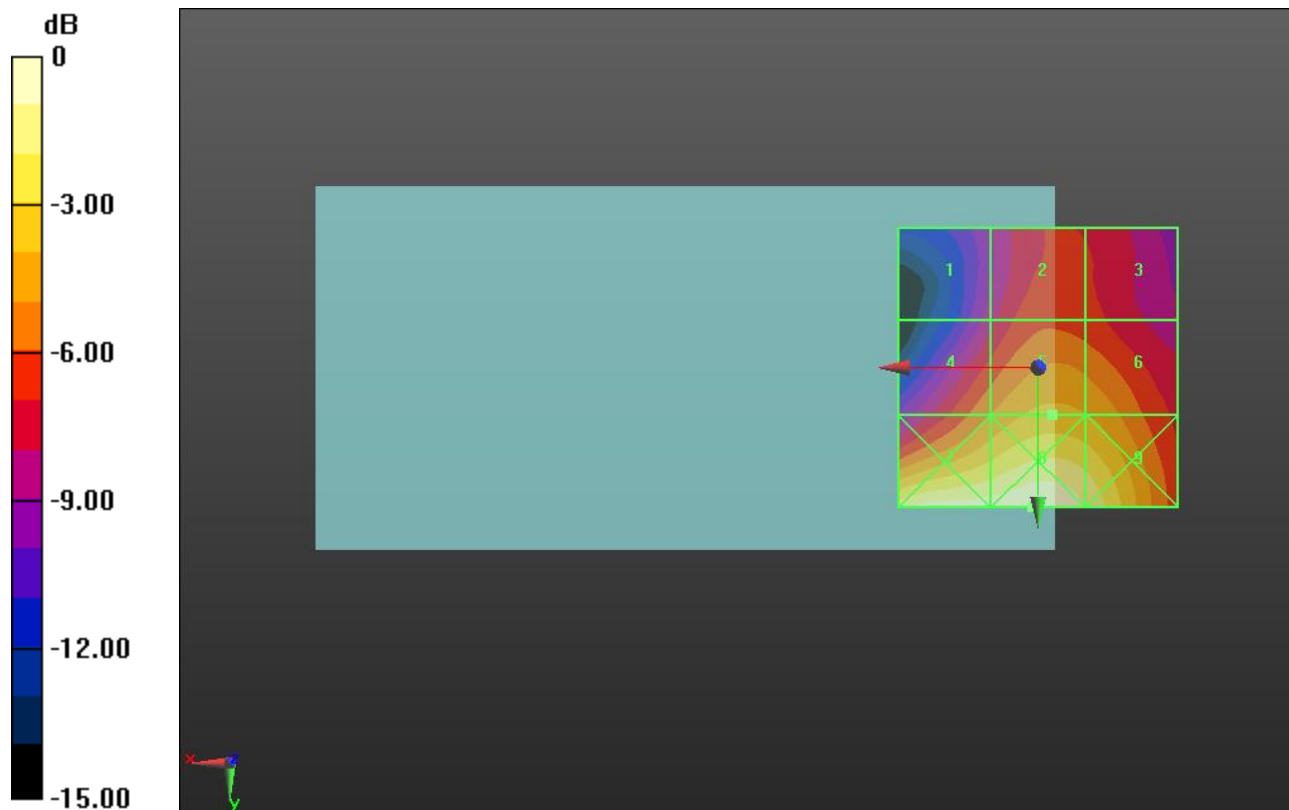
Applied MIF = -1.44 dB

RF audio interference level = 23.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.65 dBV/m	Grid 2 M4 20.81 dBV/m	Grid 3 M4 20.49 dBV/m
Grid 4 M4 22.01 dBV/m	Grid 5 M4 23.34 dBV/m	Grid 6 M4 23.04 dBV/m
Grid 7 M4 26.67 dBV/m	Grid 8 M4 26.97 dBV/m	Grid 9 M4 25.95 dBV/m



0 dB = 22.31 V/m = 26.97 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.96 V/m; Power Drift = -0.03 dB

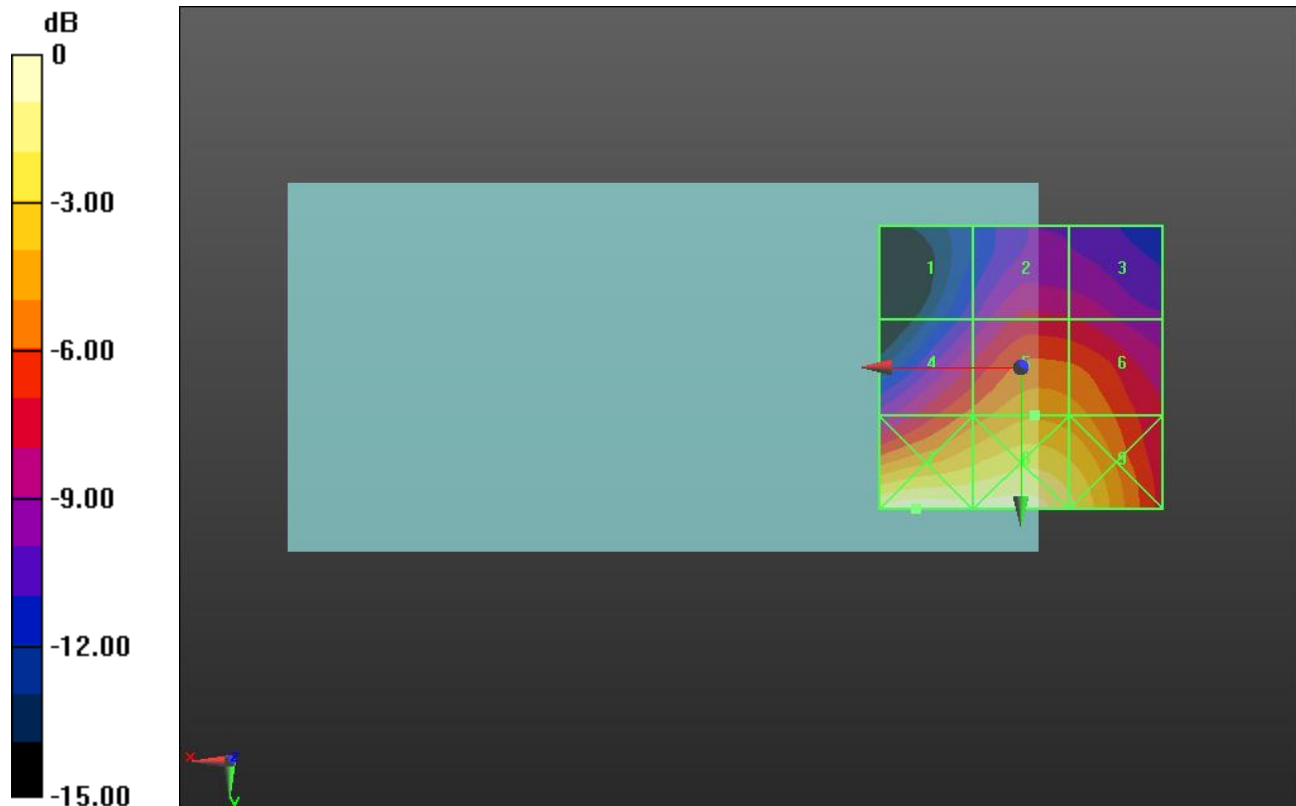
Applied MIF = -1.44 dB

RF audio interference level = 22.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.58 dBV/m	Grid 2 M4 19.05 dBV/m	Grid 3 M4 18.79 dBV/m
Grid 4 M4 21.12 dBV/m	Grid 5 M4 22.57 dBV/m	Grid 6 M4 22.23 dBV/m
Grid 7 M4 26.67 dBV/m	Grid 8 M4 26.3 dBV/m	Grid 9 M4 25.08 dBV/m



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

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 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 = 20.39 V/m; Power Drift = -0.05 dB

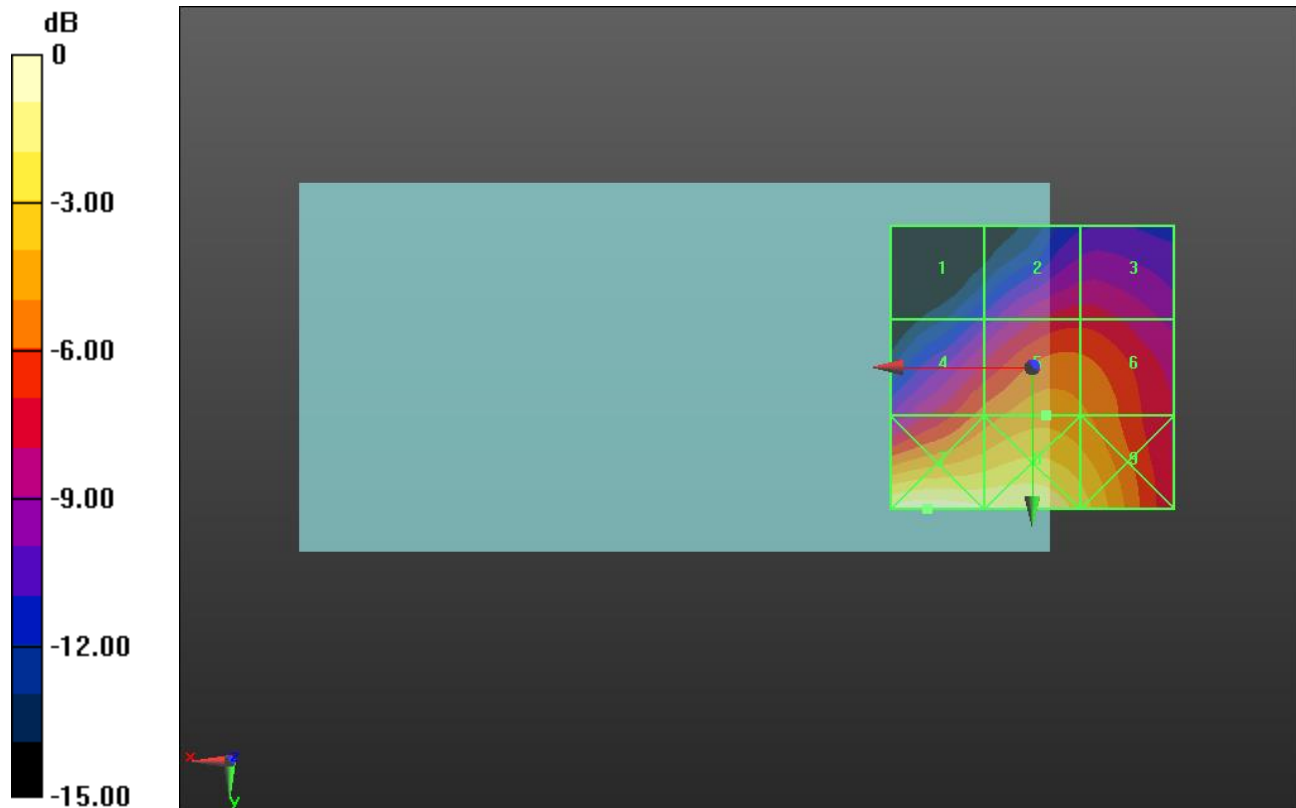
Applied MIF = -1.44 dB

RF audio interference level = 22.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.35 dBV/m	Grid 2 M4 19.63 dBV/m	Grid 3 M4 19.63 dBV/m
Grid 4 M4 21.42 dBV/m	Grid 5 M4 22.66 dBV/m	Grid 6 M4 22.24 dBV/m
Grid 7 M4 26.99 dBV/m	Grid 8 M4 26.29 dBV/m	Grid 9 M4 24.58 dBV/m



0 dB = 22.35 V/m = 26.99 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 = 18.24 V/m; Power Drift = -0.02 dB

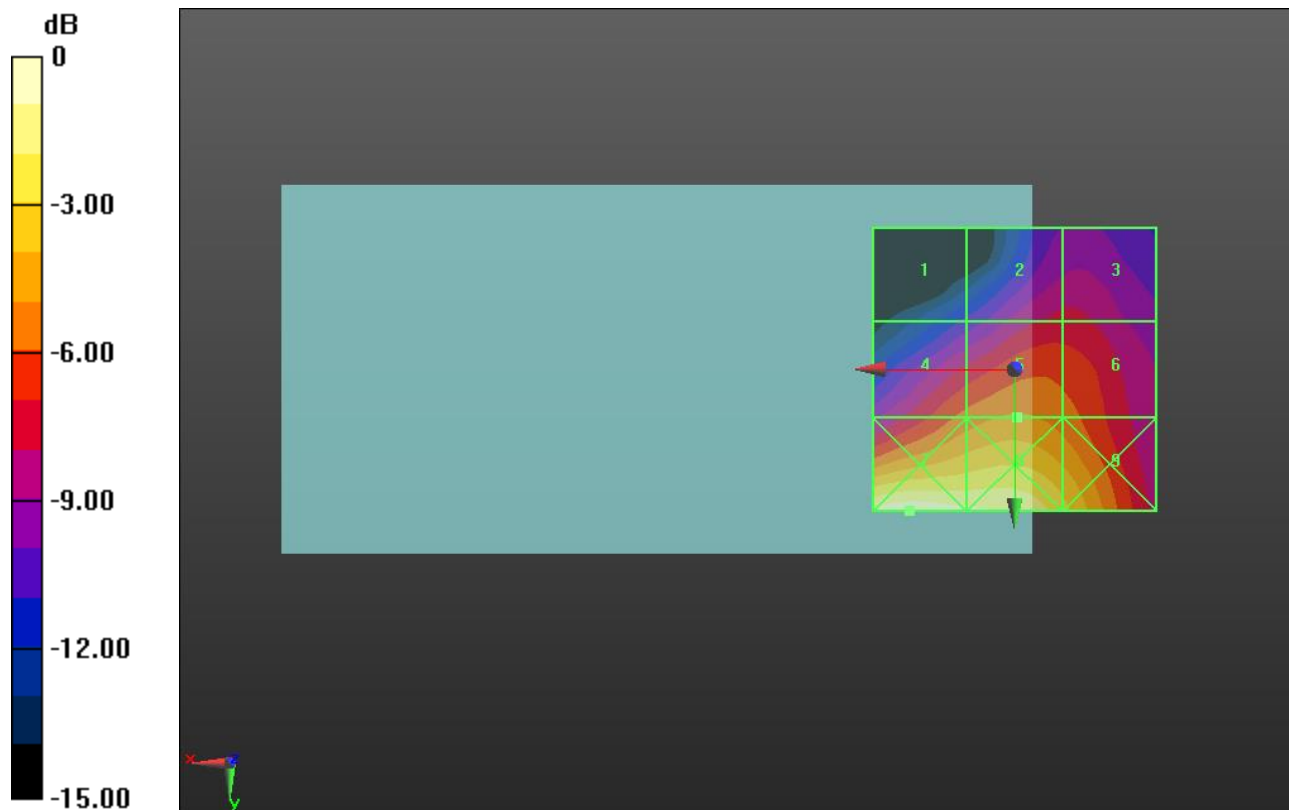
Applied MIF = -1.44 dB

RF audio interference level = 22.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.33 dBV/m	Grid 2 M4 19.4 dBV/m	Grid 3 M4 19.41 dBV/m
Grid 4 M4 21.42 dBV/m	Grid 5 M4 22.19 dBV/m	Grid 6 M4 21.56 dBV/m
Grid 7 M4 27.01 dBV/m	Grid 8 M4 26.33 dBV/m	Grid 9 M4 24.41 dBV/m



0 dB = 22.42 V/m = 27.01 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 = 17.10 V/m; Power Drift = -0.08 dB

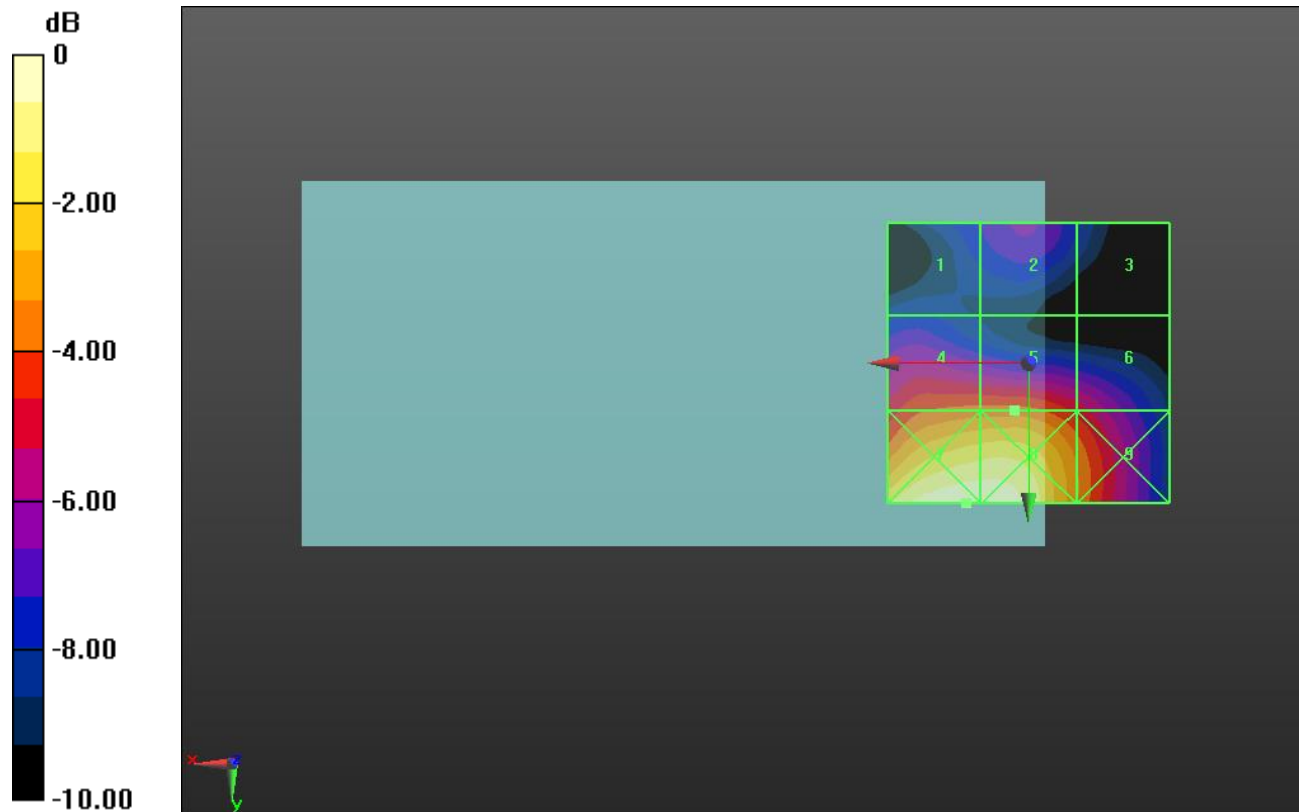
Applied MIF = -1.44 dB

RF audio interference level = 24.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.9 dBV/m	Grid 2 M4 21.55 dBV/m	Grid 3 M4 20.14 dBV/m
Grid 4 M4 24.37 dBV/m	Grid 5 M4 24.4 dBV/m	Grid 6 M4 23.18 dBV/m
Grid 7 M4 28.05 dBV/m	Grid 8 M4 28.01 dBV/m	Grid 9 M4 24.87 dBV/m



0 dB = 25.27 V/m = 28.05 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 = 16.51 V/m; Power Drift = -0.06 dB

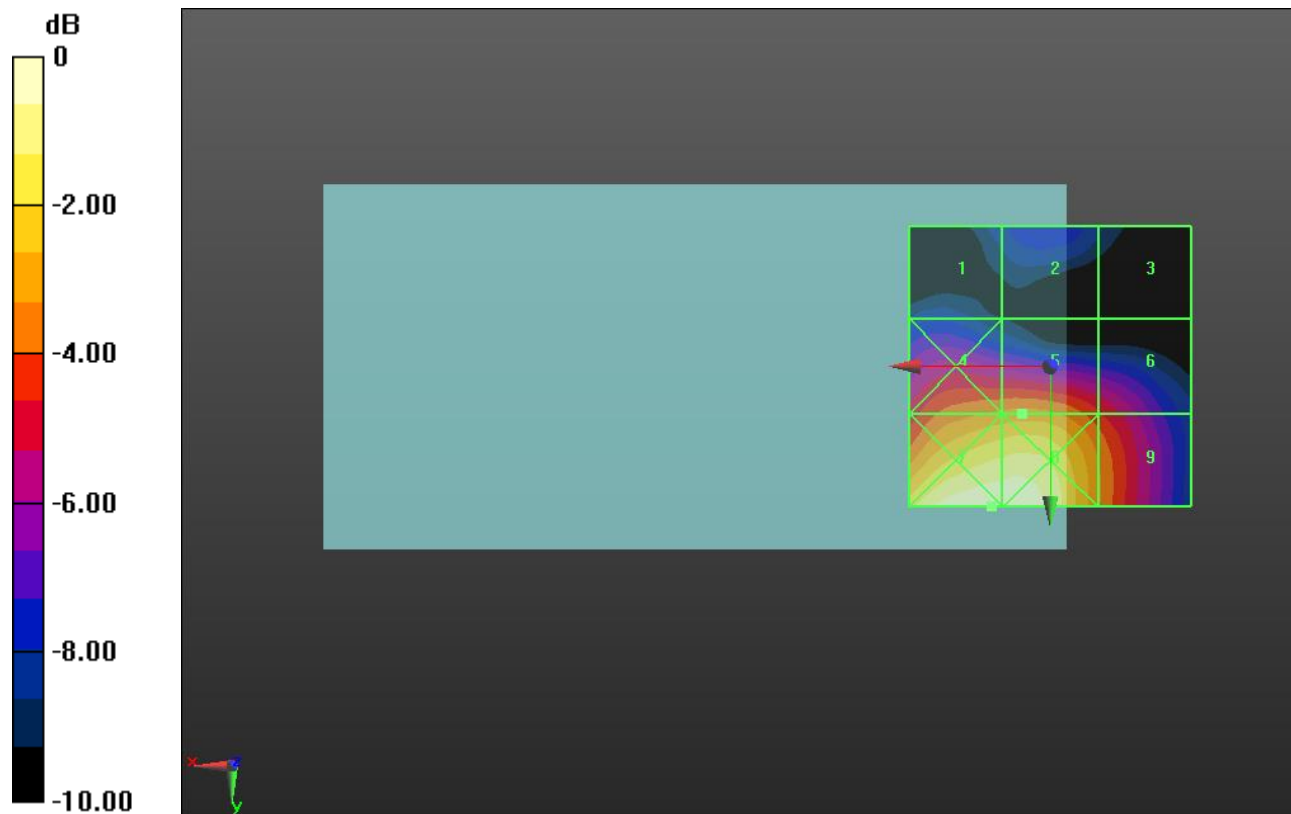
Applied MIF = -1.44 dB

RF audio interference level = 24.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.55 dBV/m	Grid 2 M4 20.26 dBV/m	Grid 3 M4 19.13 dBV/m
Grid 4 M4 24.45 dBV/m	Grid 5 M4 24.58 dBV/m	Grid 6 M4 23.11 dBV/m
Grid 7 M4 27.59 dBV/m	Grid 8 M4 27.57 dBV/m	Grid 9 M4 24.43 dBV/m



0 dB = 23.97 V/m = 27.59 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 = 15.02 V/m; Power Drift = 0.00 dB

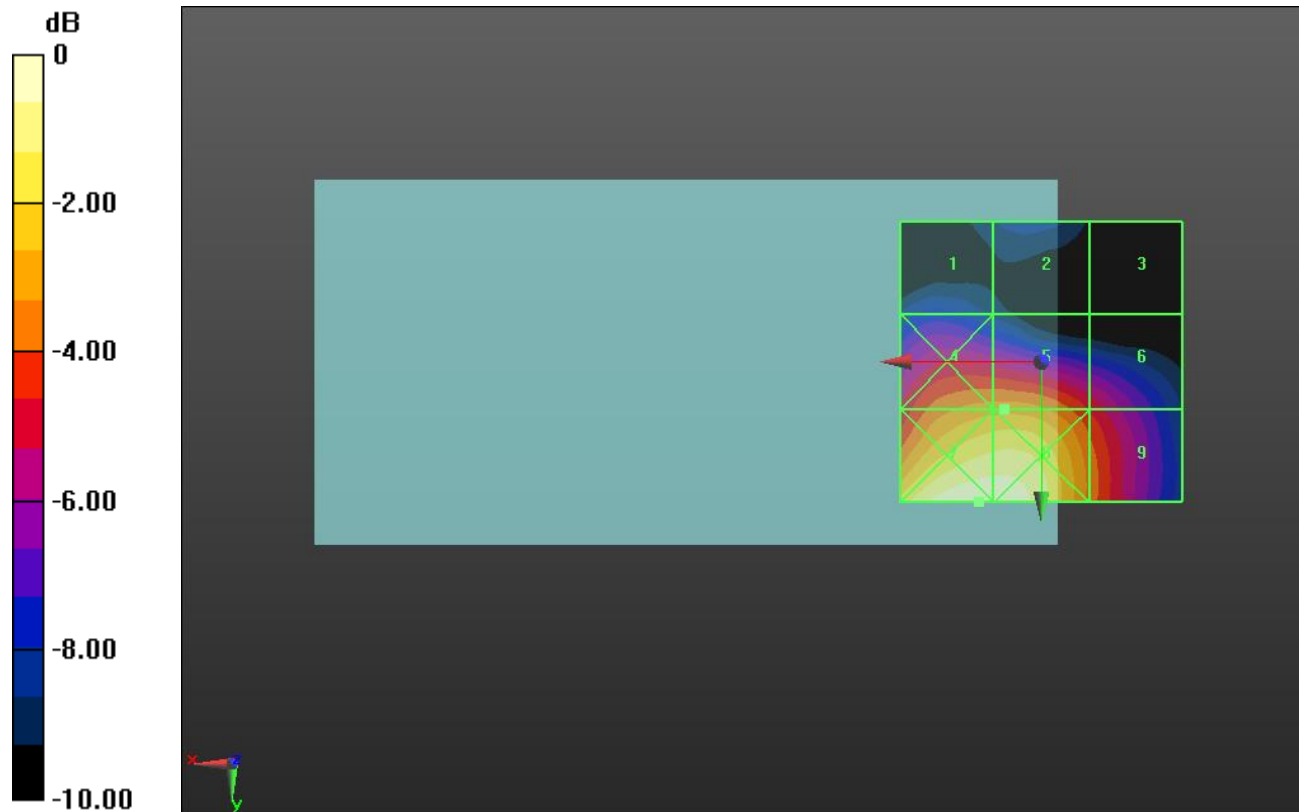
Applied MIF = -1.44 dB

RF audio interference level = 23.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.06 dBV/m	Grid 2 M4 18.48 dBV/m	Grid 3 M4 17.32 dBV/m
Grid 4 M4 23.81 dBV/m	Grid 5 M4 23.85 dBV/m	Grid 6 M4 22.03 dBV/m
Grid 7 M4 26.73 dBV/m	Grid 8 M4 26.69 dBV/m	Grid 9 M4 23.25 dBV/m



0 dB = 21.71 V/m = 26.73 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 = 13.93 V/m; Power Drift = -0.12 dB

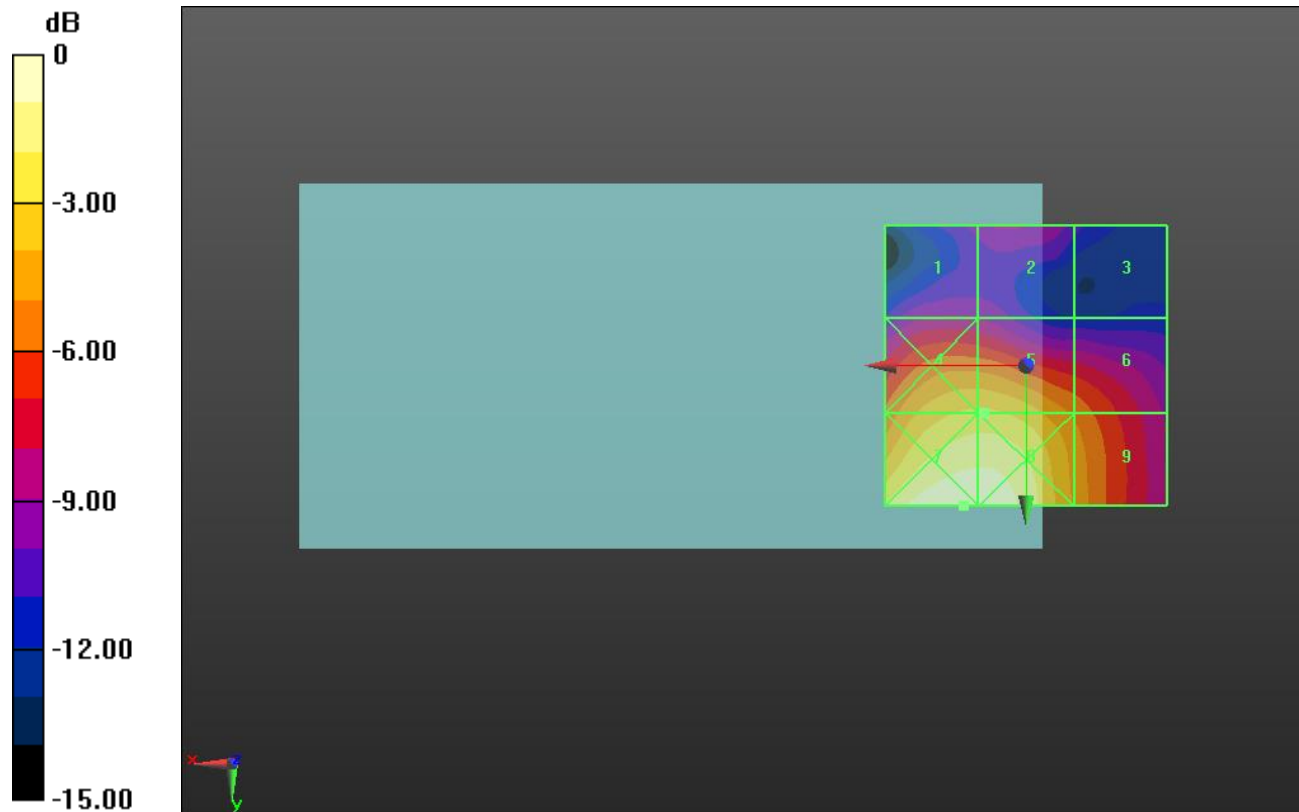
Applied MIF = -1.44 dB

RF audio interference level = 23.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.15 dBV/m	Grid 2 M4 17.26 dBV/m	Grid 3 M4 15.47 dBV/m
Grid 4 M4 23.17 dBV/m	Grid 5 M4 23.18 dBV/m	Grid 6 M4 20.75 dBV/m
Grid 7 M4 25.96 dBV/m	Grid 8 M4 25.88 dBV/m	Grid 9 M4 21.85 dBV/m



0 dB = 19.86 V/m = 25.96 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 = 9.767 V/m; Power Drift = -0.02 dB

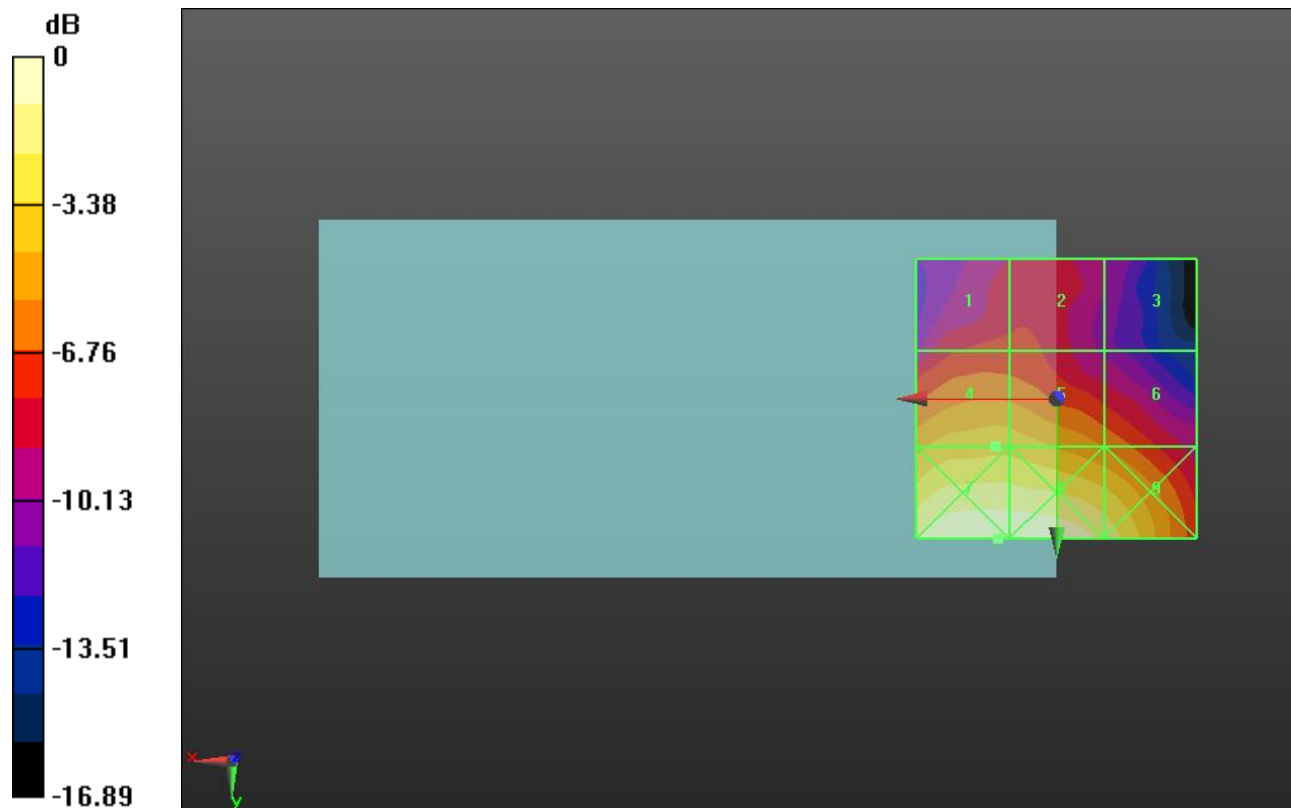
Applied MIF = -2.02 dB

RF audio interference level = 18.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.71 dBV/m	Grid 2 M4 14.71 dBV/m	Grid 3 M4 12.18 dBV/m
Grid 4 M4 18.42 dBV/m	Grid 5 M4 18.36 dBV/m	Grid 6 M4 16.5 dBV/m
Grid 7 M4 22.14 dBV/m	Grid 8 M4 22.11 dBV/m	Grid 9 M4 20.66 dBV/m



0 dB = 12.80 V/m = 22.14 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 = 7.340 V/m; Power Drift = -0.13 dB

Applied MIF = -2.02 dB

RF audio interference level = 16.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.71 dBV/m	Grid 2 M4 12.98 dBV/m	Grid 3 M4 10.94 dBV/m
Grid 4 M4 16.4 dBV/m	Grid 5 M4 16.3 dBV/m	Grid 6 M4 13.6 dBV/m
Grid 7 M4 20.03 dBV/m	Grid 8 M4 20.08 dBV/m	Grid 9 M4 17.4 dBV/m



0 dB = 10.09 V/m = 20.08 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 = 8.302 V/m; Power Drift = -0.03 dB

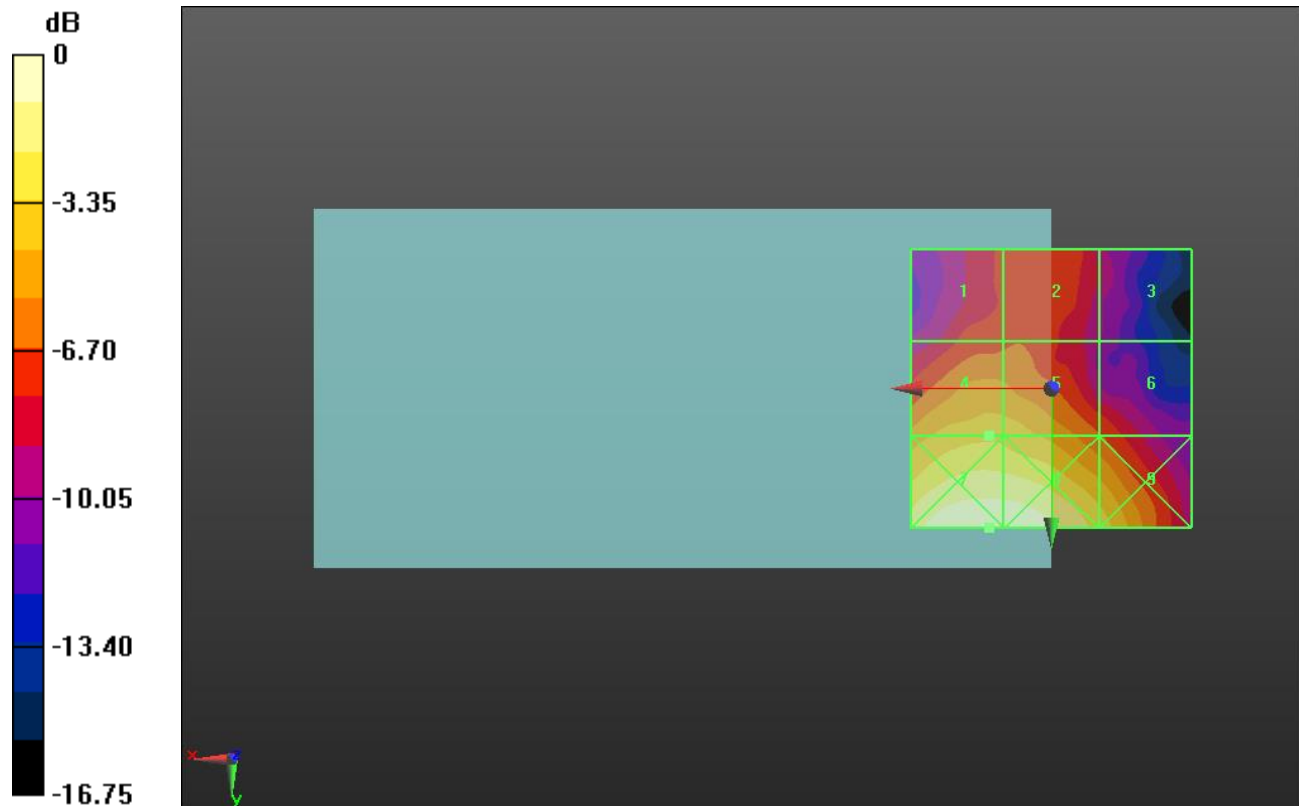
Applied MIF = -2.02 dB

RF audio interference level = 17.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.8 dBV/m	Grid 2 M4 14.01 dBV/m	Grid 3 M4 11.79 dBV/m
Grid 4 M4 17.12 dBV/m	Grid 5 M4 17 dBV/m	Grid 6 M4 14.19 dBV/m
Grid 7 M4 20.71 dBV/m	Grid 8 M4 20.62 dBV/m	Grid 9 M4 18.1 dBV/m



0 dB = 10.85 V/m = 20.71 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 = 7.801 V/m; Power Drift = -0.28 dB

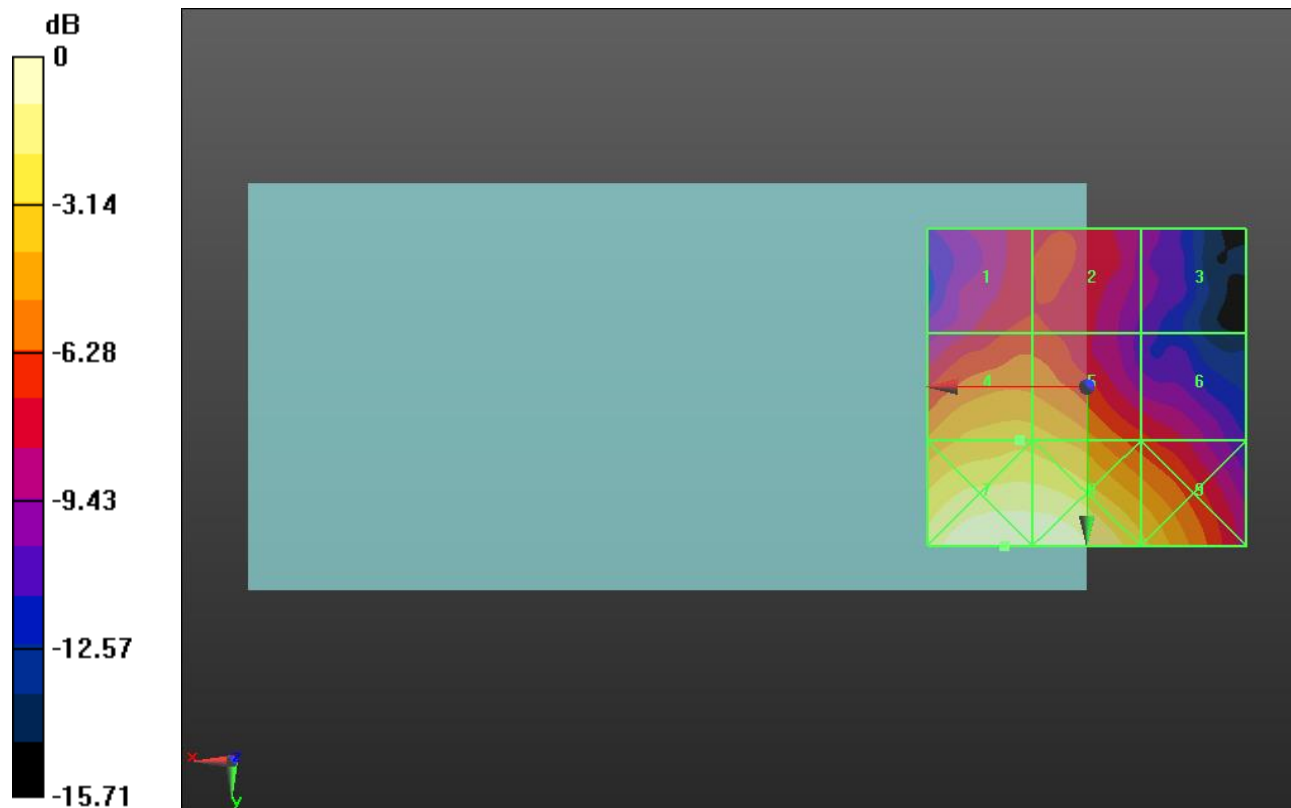
Applied MIF = 0.12 dB

RF audio interference level = 19.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.97 dBV/m	Grid 2 M4 15.97 dBV/m	Grid 3 M4 13.46 dBV/m
Grid 4 M4 19.49 dBV/m	Grid 5 M4 19.38 dBV/m	Grid 6 M4 16.1 dBV/m
Grid 7 M4 22.97 dBV/m	Grid 8 M4 22.88 dBV/m	Grid 9 M4 20.2 dBV/m



0 dB = 14.07 V/m = 22.97 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 = 6.412 V/m; Power Drift = 0.35 dB

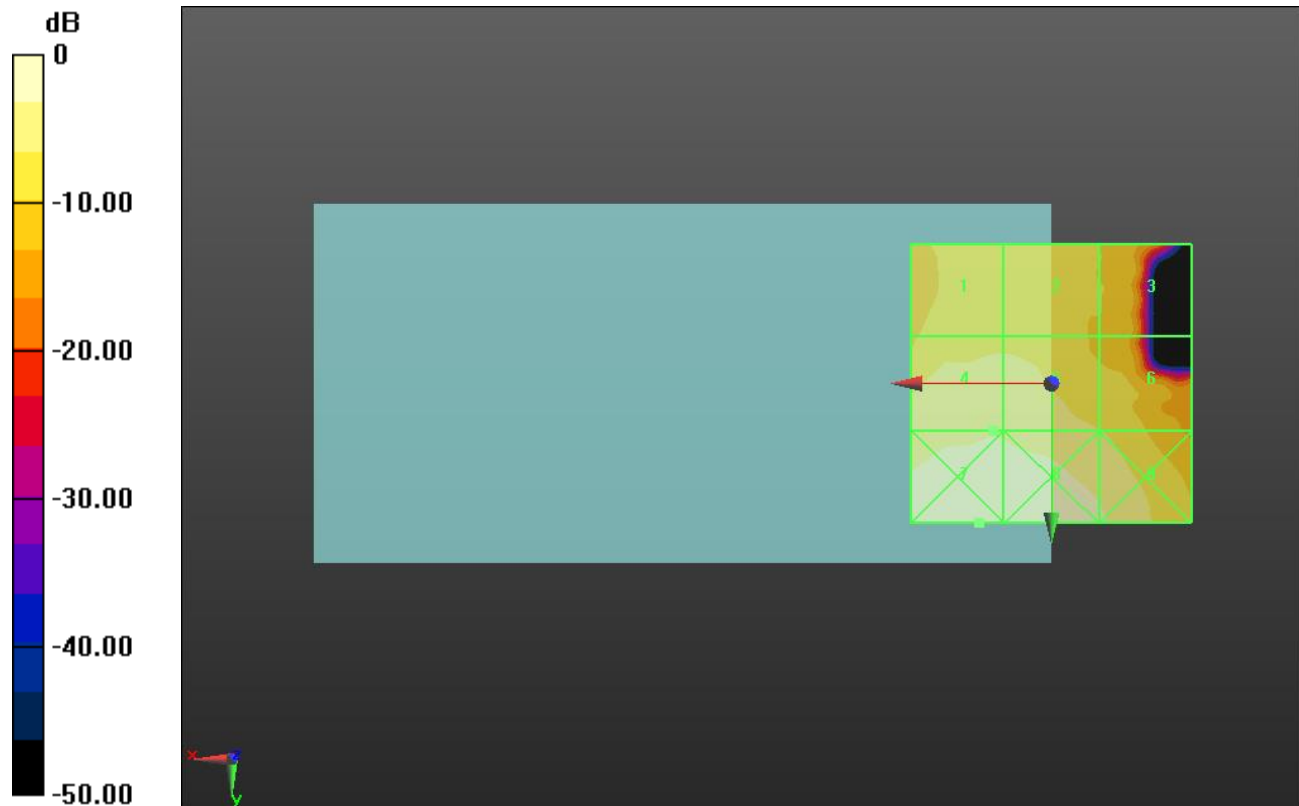
Applied MIF = 0.12 dB

RF audio interference level = 17.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.38 dBV/m	Grid 2 M4 14.42 dBV/m	Grid 3 M4 11.76 dBV/m
Grid 4 M4 17.78 dBV/m	Grid 5 M4 17.68 dBV/m	Grid 6 M4 14.88 dBV/m
Grid 7 M4 21.42 dBV/m	Grid 8 M4 21.3 dBV/m	Grid 9 M4 18.6 dBV/m



0 dB = 11.77 V/m = 21.42 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 = 8.153 V/m; Power Drift = -0.36 dB

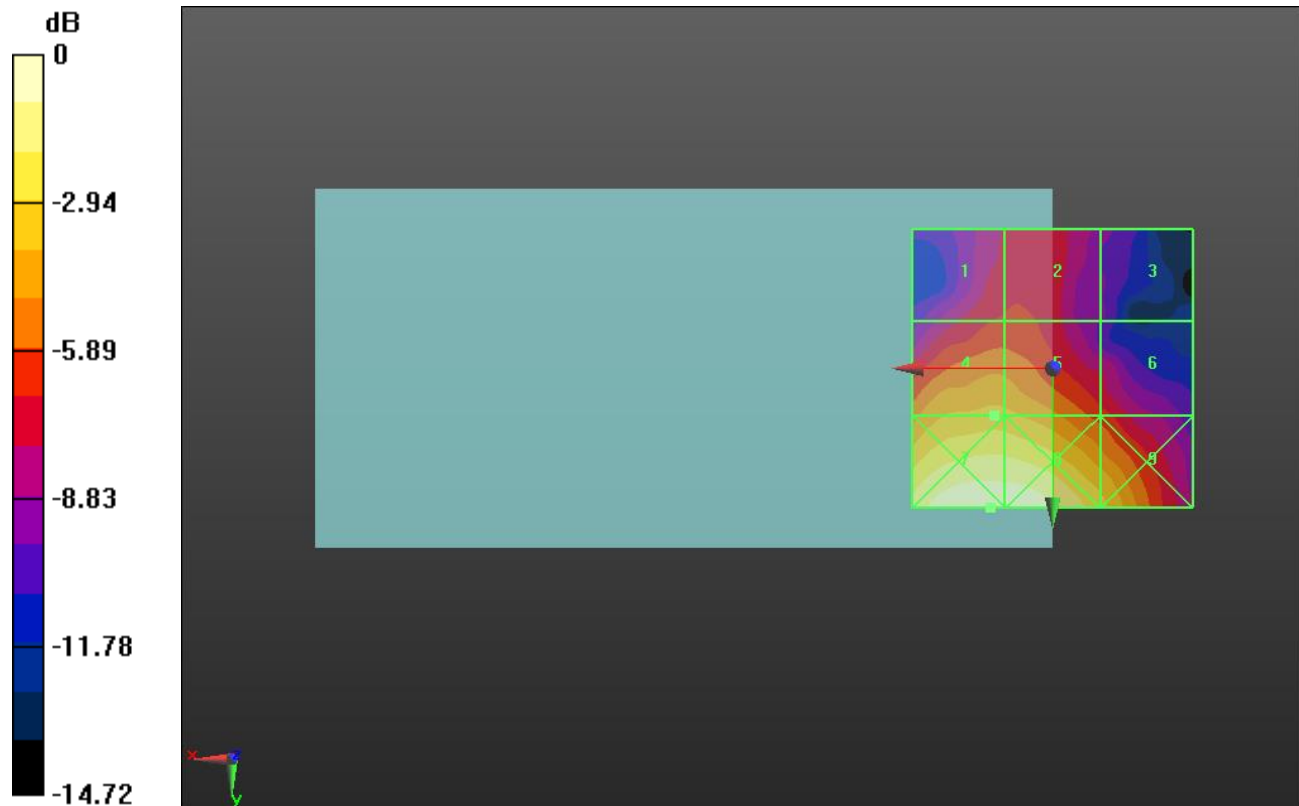
Applied MIF = 0.12 dB

RF audio interference level = 19.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.87 dBV/m	Grid 2 M4 15.9 dBV/m	Grid 3 M4 13.41 dBV/m
Grid 4 M4 19.04 dBV/m	Grid 5 M4 18.96 dBV/m	Grid 6 M4 16.26 dBV/m
Grid 7 M4 22.54 dBV/m	Grid 8 M4 22.49 dBV/m	Grid 9 M4 20.04 dBV/m



0 dB = 13.40 V/m = 22.54 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 = 2.271 V/m; Power Drift = -3.19 dB

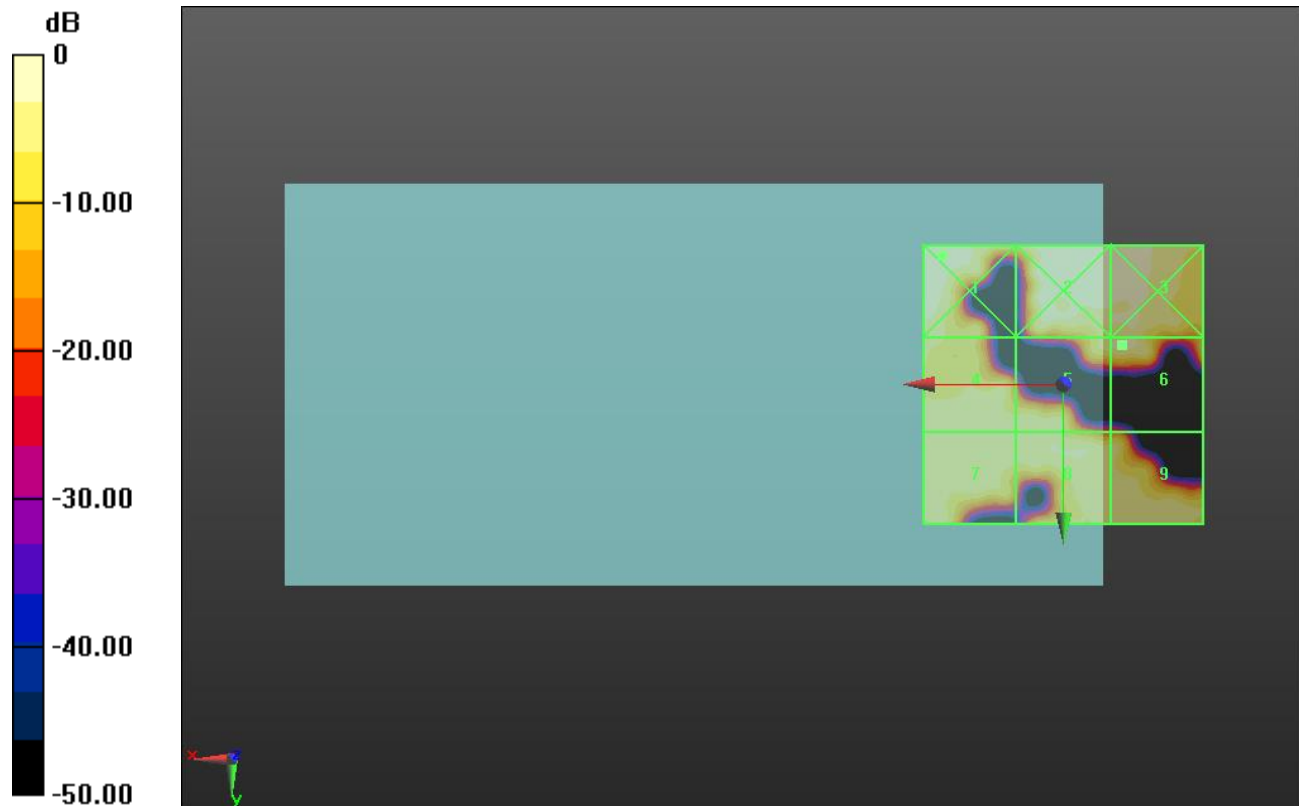
Applied MIF = -5.82 dB

RF audio interference level = 7.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.39 dBV/m	Grid 2 M4 9.36 dBV/m	Grid 3 M4 9.13 dBV/m
Grid 4 M4 5.53 dBV/m	Grid 5 M4 6.03 dBV/m	Grid 6 M4 7.16 dBV/m
Grid 7 M4 5.43 dBV/m	Grid 8 M4 6.28 dBV/m	Grid 9 M4 5.93 dBV/m



0 dB = 2.947 V/m = 9.39 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 = 2.405 V/m; Power Drift = -4.19 dB

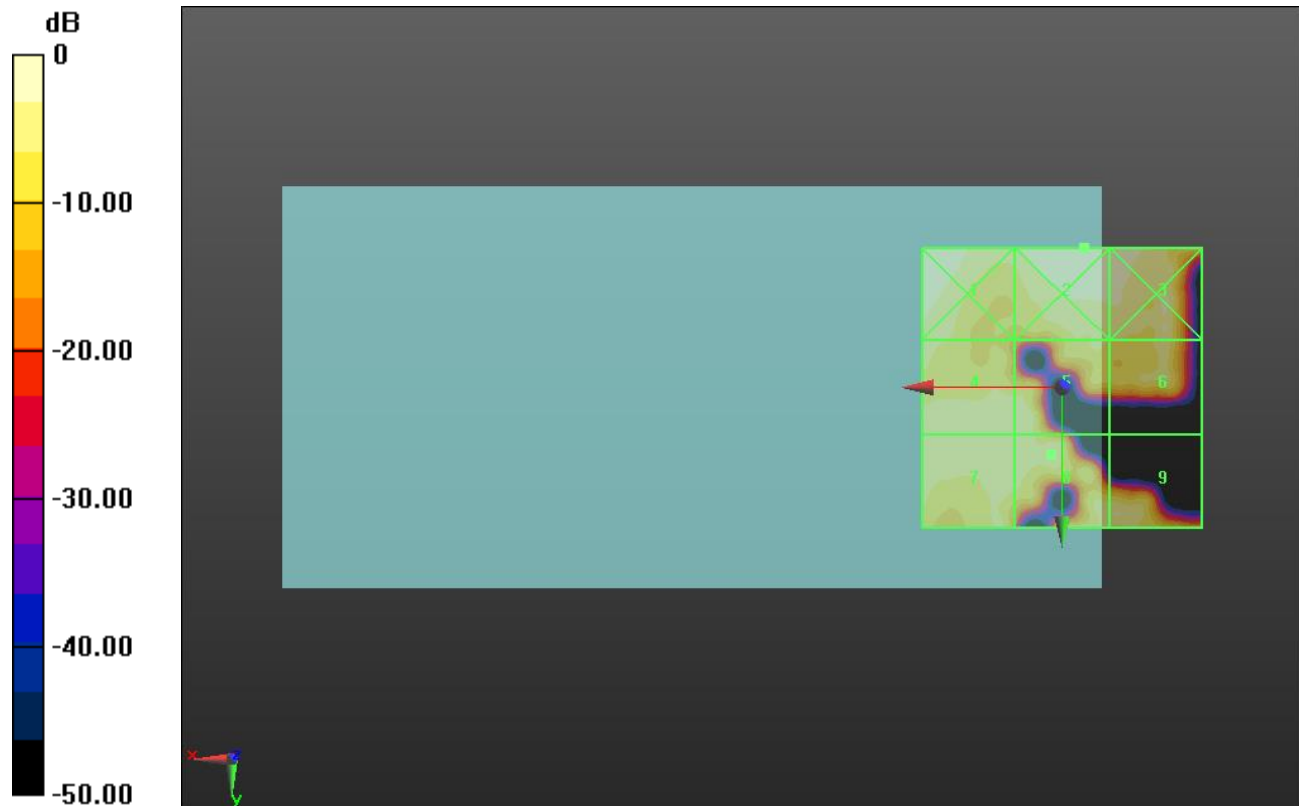
Applied MIF = -5.82 dB

RF audio interference level = 7.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.54 dBV/m	Grid 2 M4 10.29 dBV/m	Grid 3 M4 9.35 dBV/m
Grid 4 M4 6.22 dBV/m	Grid 5 M4 6.86 dBV/m	Grid 6 M4 5.94 dBV/m
Grid 7 M4 5.76 dBV/m	Grid 8 M4 7.03 dBV/m	Grid 9 M4 7.02 dBV/m



0 dB = 3.269 V/m = 10.29 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 = 1.354 V/m; Power Drift = 4.37 dB

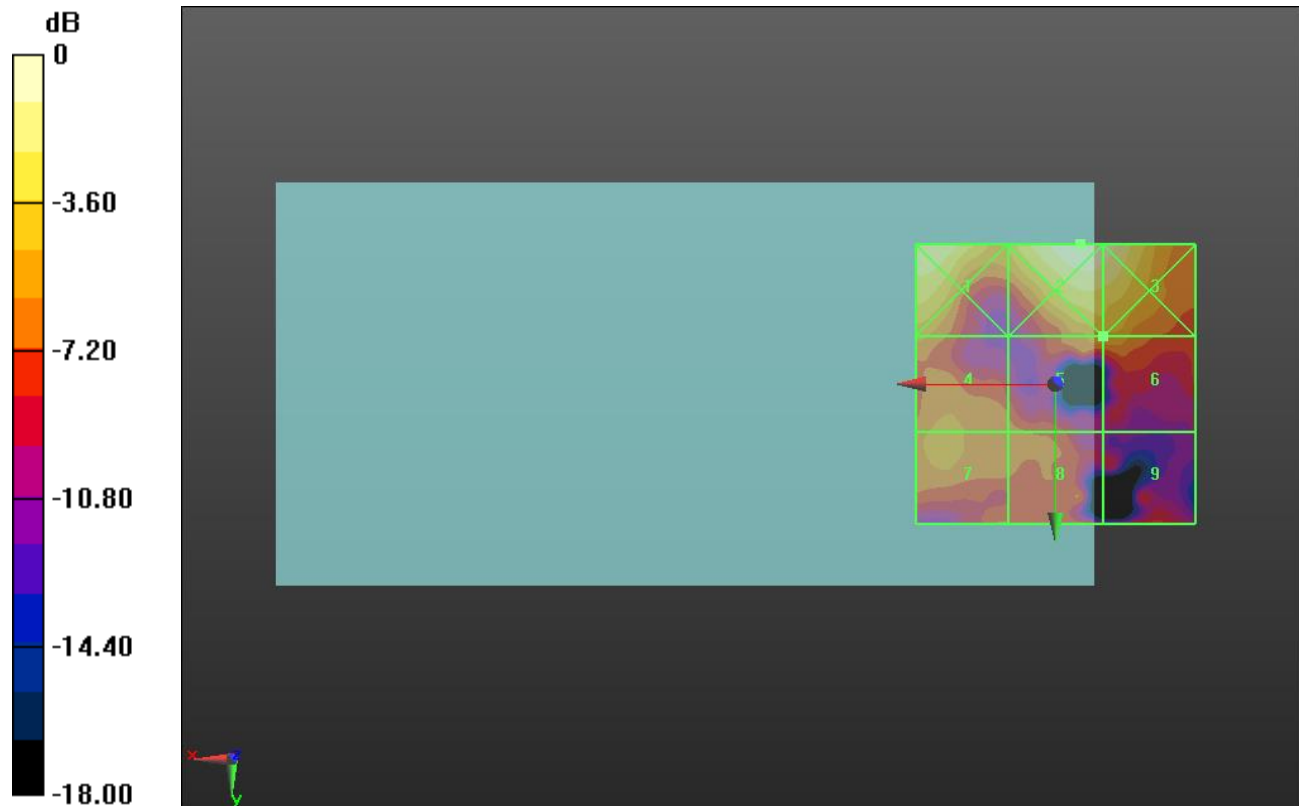
Applied MIF = -5.82 dB

RF audio interference level = 6.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.39 dBV/m	Grid 2 M4 11.51 dBV/m	Grid 3 M4 11.02 dBV/m
Grid 4 M4 5.95 dBV/m	Grid 5 M4 6.44 dBV/m	Grid 6 M4 6.44 dBV/m
Grid 7 M4 5.99 dBV/m	Grid 8 M4 5.25 dBV/m	Grid 9 M4 4.03 dBV/m



0 dB = 3.763 V/m = 11.51 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 = 3.910 V/m; Power Drift = -0.01 dB

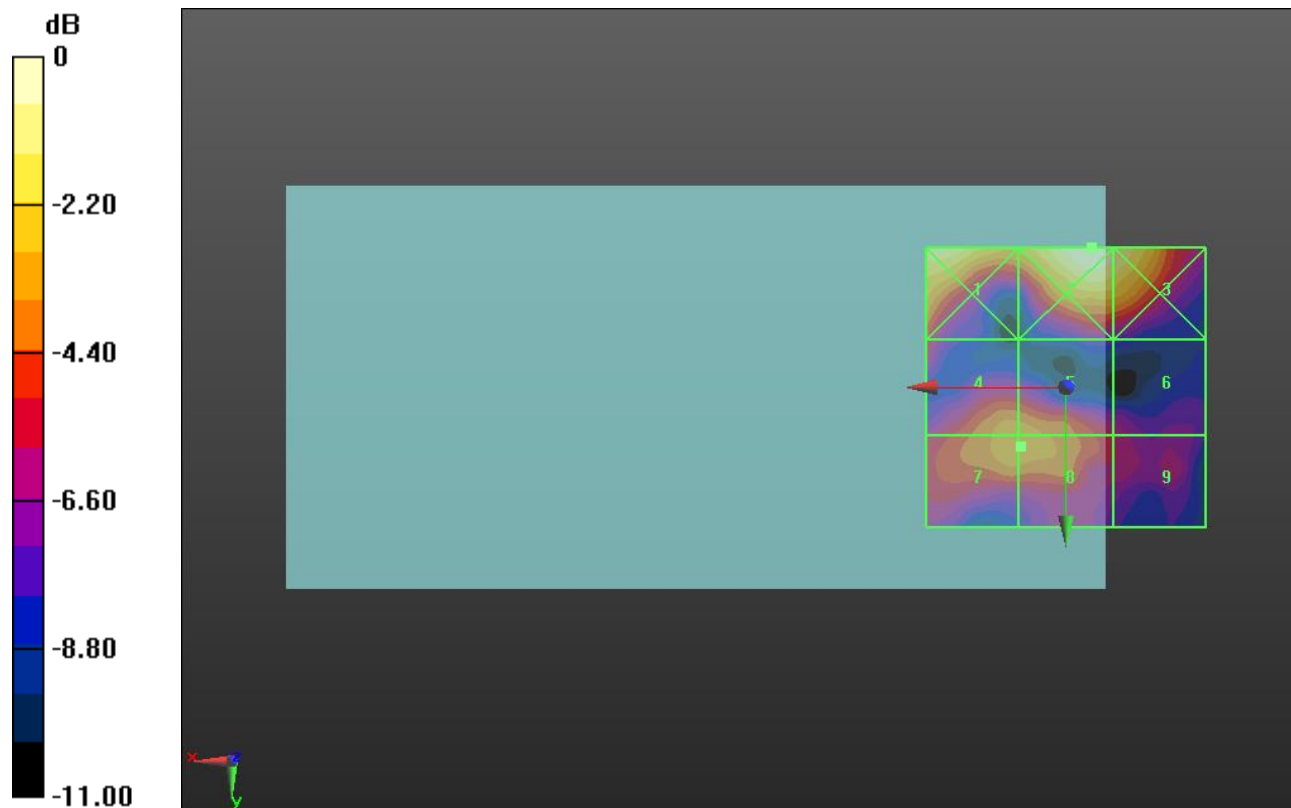
Applied MIF = -5.82 dB

RF audio interference level = 9.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.53 dBV/m	Grid 2 M4 12.35 dBV/m	Grid 3 M4 11.77 dBV/m
Grid 4 M4 9.07 dBV/m	Grid 5 M4 9.07 dBV/m	Grid 6 M4 6.33 dBV/m
Grid 7 M4 9.12 dBV/m	Grid 8 M4 9.13 dBV/m	Grid 9 M4 6.62 dBV/m



0 dB = 4.146 V/m = 12.35 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 = 3.463 V/m; Power Drift = -0.27 dB

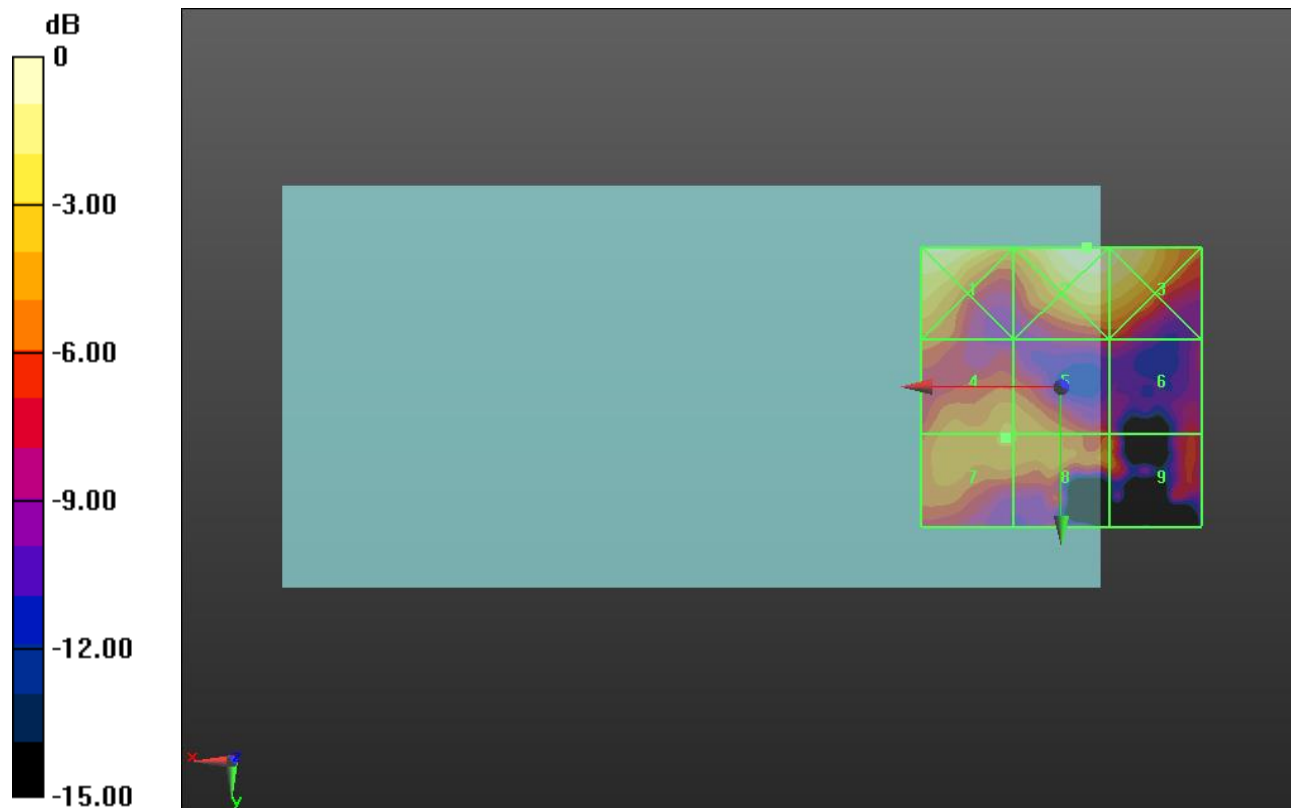
Applied MIF = -5.82 dB

RF audio interference level = 8.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 11.77 dBV/m	Grid 2 M4 12.42 dBV/m	Grid 3 M4 11.94 dBV/m
Grid 4 M4 8.53 dBV/m	Grid 5 M4 8.5 dBV/m	Grid 6 M4 5.88 dBV/m
Grid 7 M4 8.54 dBV/m	Grid 8 M4 8.5 dBV/m	Grid 9 M4 7.57 dBV/m



0 dB = 4.178 V/m = 12.42 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 = 2.887 V/m; Power Drift = 0.40 dB

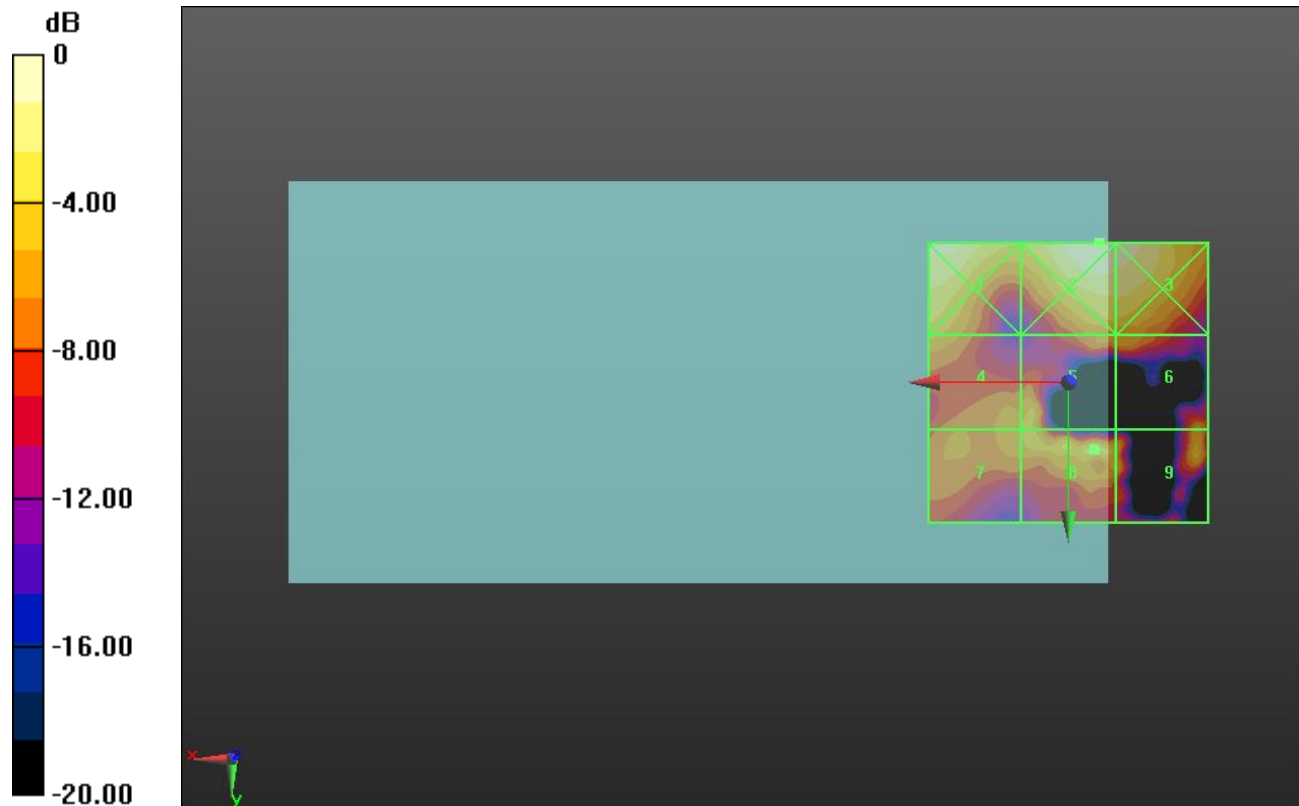
Applied MIF = -5.82 dB

RF audio interference level = 9.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.2 dBV/m	Grid 2 M4 13.02 dBV/m	Grid 3 M4 12.75 dBV/m
Grid 4 M4 8.23 dBV/m	Grid 5 M4 8.28 dBV/m	Grid 6 M4 7.17 dBV/m
Grid 7 M4 7.69 dBV/m	Grid 8 M4 9.73 dBV/m	Grid 9 M4 8.16 dBV/m



0 dB = 4.476 V/m = 13.02 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 = 4.032 V/m; Power Drift = 0.41 dB

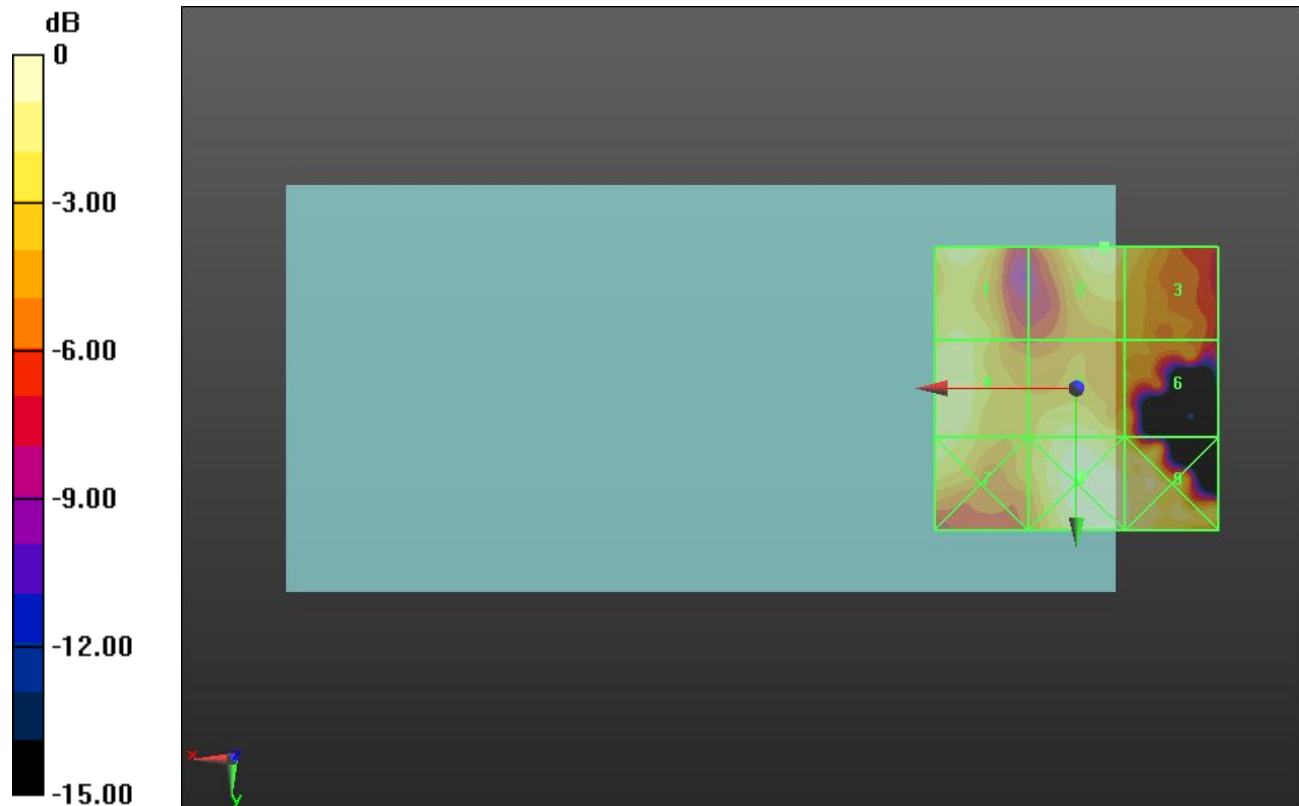
Applied MIF = -5.82 dB

RF audio interference level = 9.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.13 dBV/m	Grid 2 M4 9.35 dBV/m	Grid 3 M4 8.5 dBV/m
Grid 4 M4 8.95 dBV/m	Grid 5 M4 8.75 dBV/m	Grid 6 M4 6.97 dBV/m
Grid 7 M4 8.65 dBV/m	Grid 8 M4 10.08 dBV/m	Grid 9 M4 9.27 dBV/m



0 dB = 3.191 V/m = 10.08 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 = 5.102 V/m; Power Drift = -0.49 dB

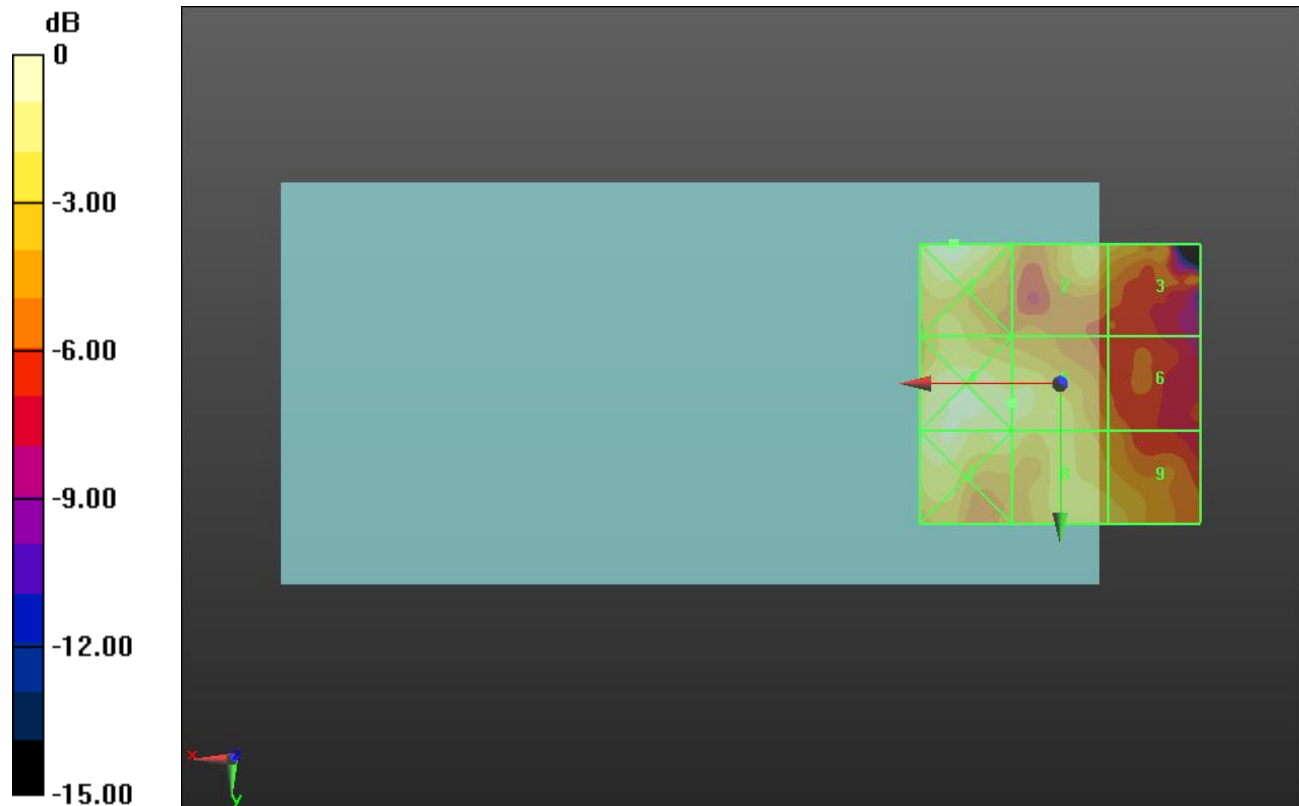
Applied MIF = -5.82 dB

RF audio interference level = 6.96 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.75 dBV/m	Grid 2 M4 6.91 dBV/m	Grid 3 M4 6.48 dBV/m
Grid 4 M4 7.95 dBV/m	Grid 5 M4 6.96 dBV/m	Grid 6 M4 4.18 dBV/m
Grid 7 M4 7.9 dBV/m	Grid 8 M4 6.76 dBV/m	Grid 9 M4 6.59 dBV/m



0 dB = 2.739 V/m = 8.75 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 = 4.433 V/m; Power Drift = -0.61 dB

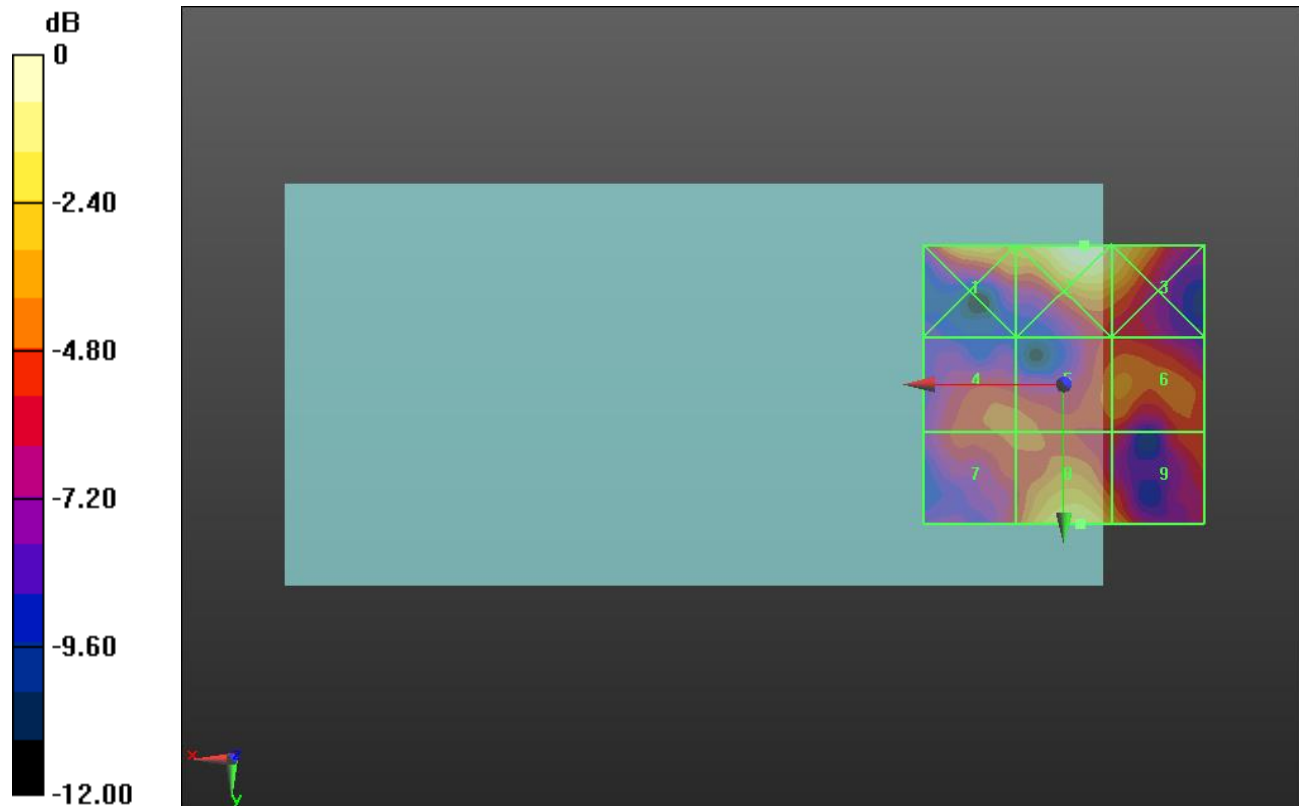
Applied MIF = -5.82 dB

RF audio interference level = 9.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 8.34 dBV/m	Grid 2 M4 10.6 dBV/m	Grid 3 M4 9.68 dBV/m
Grid 4 M4 6.16 dBV/m	Grid 5 M4 6.58 dBV/m	Grid 6 M4 6.85 dBV/m
Grid 7 M4 6.03 dBV/m	Grid 8 M4 9.24 dBV/m	Grid 9 M4 7.83 dBV/m



0 dB = 3.388 V/m = 10.60 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 = 4.639 V/m; Power Drift = -0.71 dB

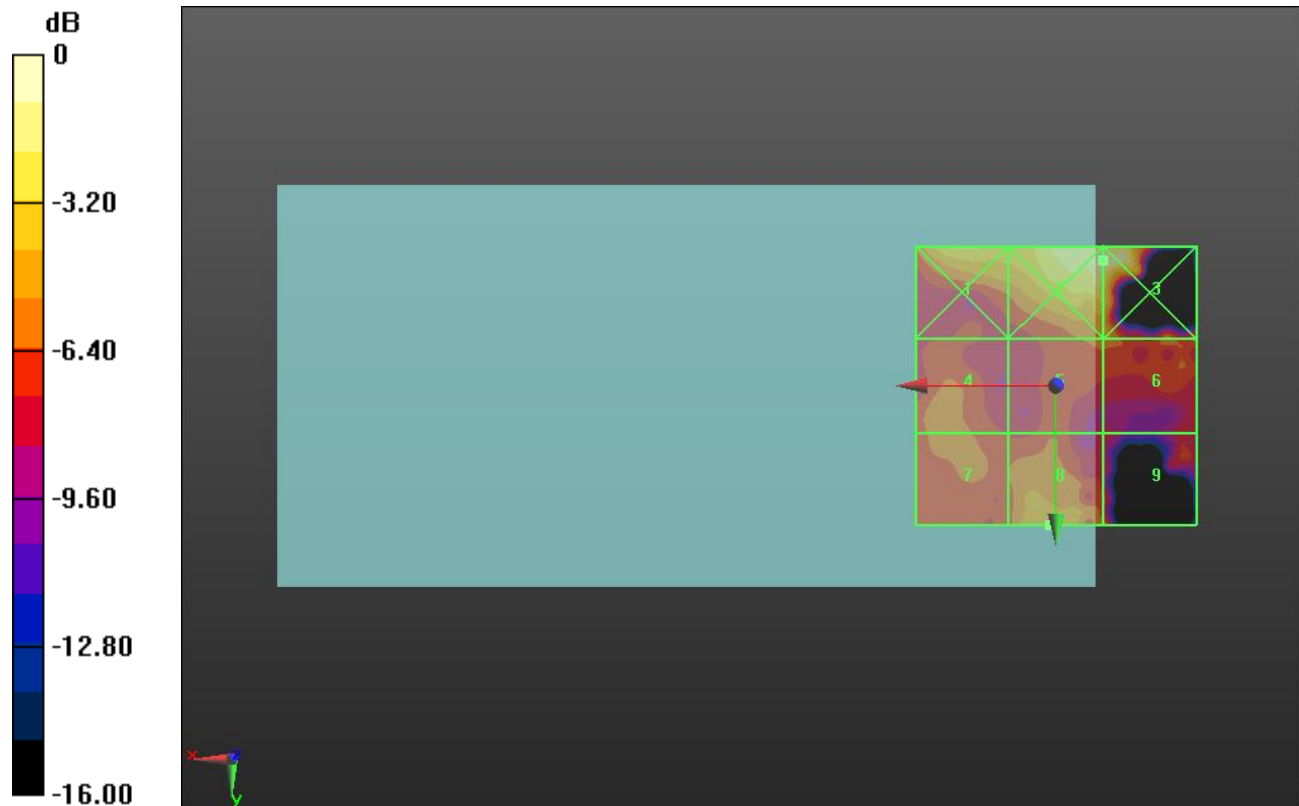
Applied MIF = -5.82 dB

RF audio interference level = 7.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.06 dBV/m	Grid 2 M4 11.92 dBV/m	Grid 3 M4 11.92 dBV/m
Grid 4 M4 6.45 dBV/m	Grid 5 M4 6.79 dBV/m	Grid 6 M4 6.84 dBV/m
Grid 7 M4 6.25 dBV/m	Grid 8 M4 7.4 dBV/m	Grid 9 M4 6.9 dBV/m



0 dB = 3.943 V/m = 11.92 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 = 1.443 V/m; Power Drift = -7.79 dB

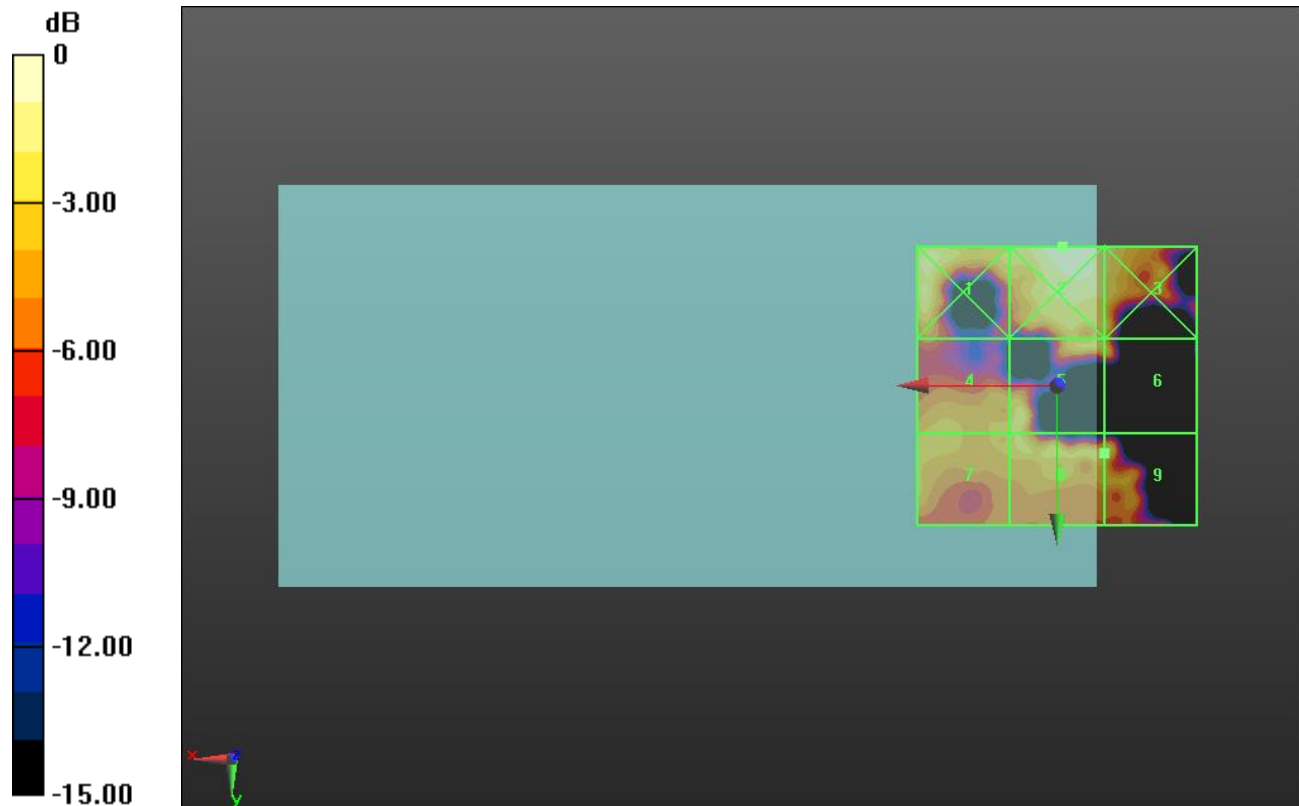
Applied MIF = -5.82 dB

RF audio interference level = 7.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.46 dBV/m	Grid 2 M4 9.02 dBV/m	Grid 3 M4 7.65 dBV/m
Grid 4 M4 5.86 dBV/m	Grid 5 M4 7.23 dBV/m	Grid 6 M4 6.74 dBV/m
Grid 7 M4 5.67 dBV/m	Grid 8 M4 7.85 dBV/m	Grid 9 M4 7.85 dBV/m



0 dB = 2.826 V/m = 9.02 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 = 2.414 V/m; Power Drift = -1.38 dB

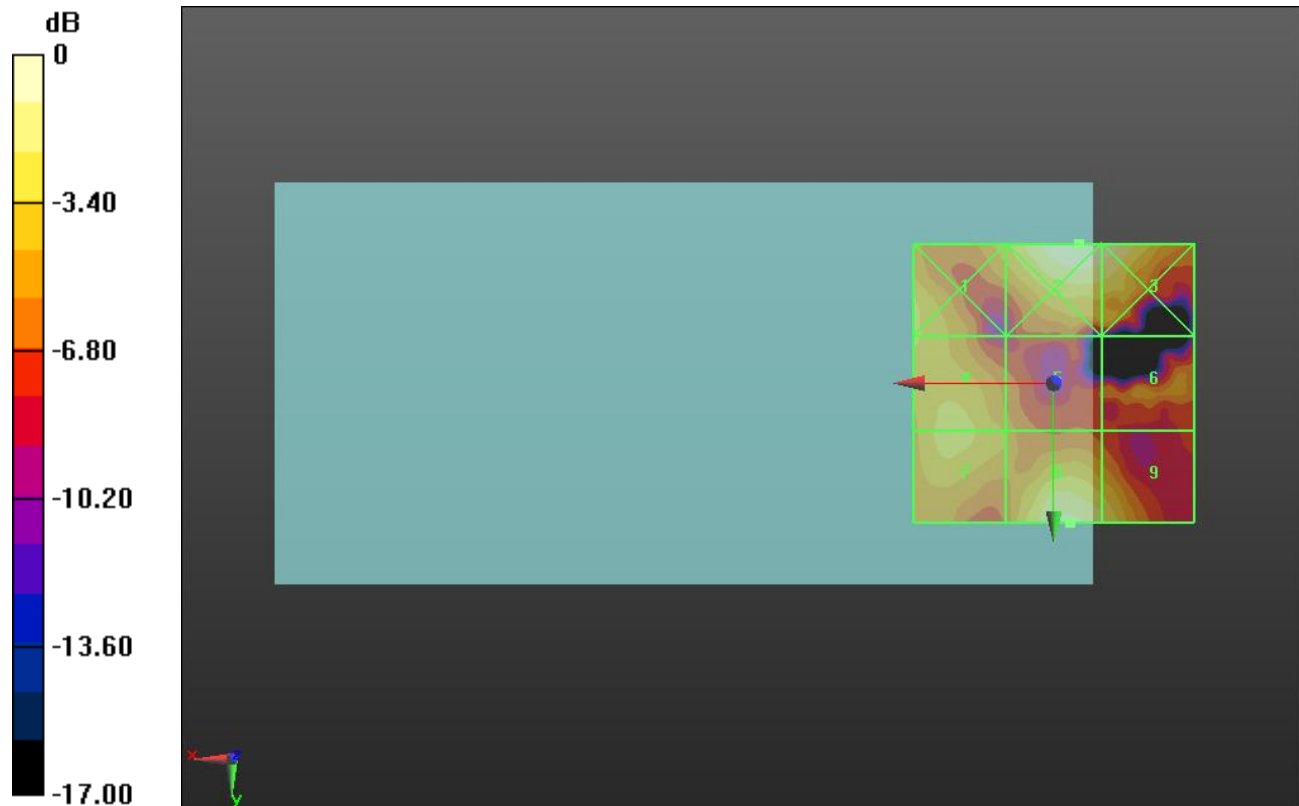
Applied MIF = -5.82 dB

RF audio interference level = 10.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 7.96 dBV/m	Grid 2 M4 11.03 dBV/m	Grid 3 M4 10.65 dBV/m
Grid 4 M4 8.05 dBV/m	Grid 5 M4 6.3 dBV/m	Grid 6 M4 6.36 dBV/m
Grid 7 M4 8.06 dBV/m	Grid 8 M4 10.19 dBV/m	Grid 9 M4 9.14 dBV/m



0 dB = 3.562 V/m = 11.03 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 = 5.809 V/m; Power Drift = -0.45 dB

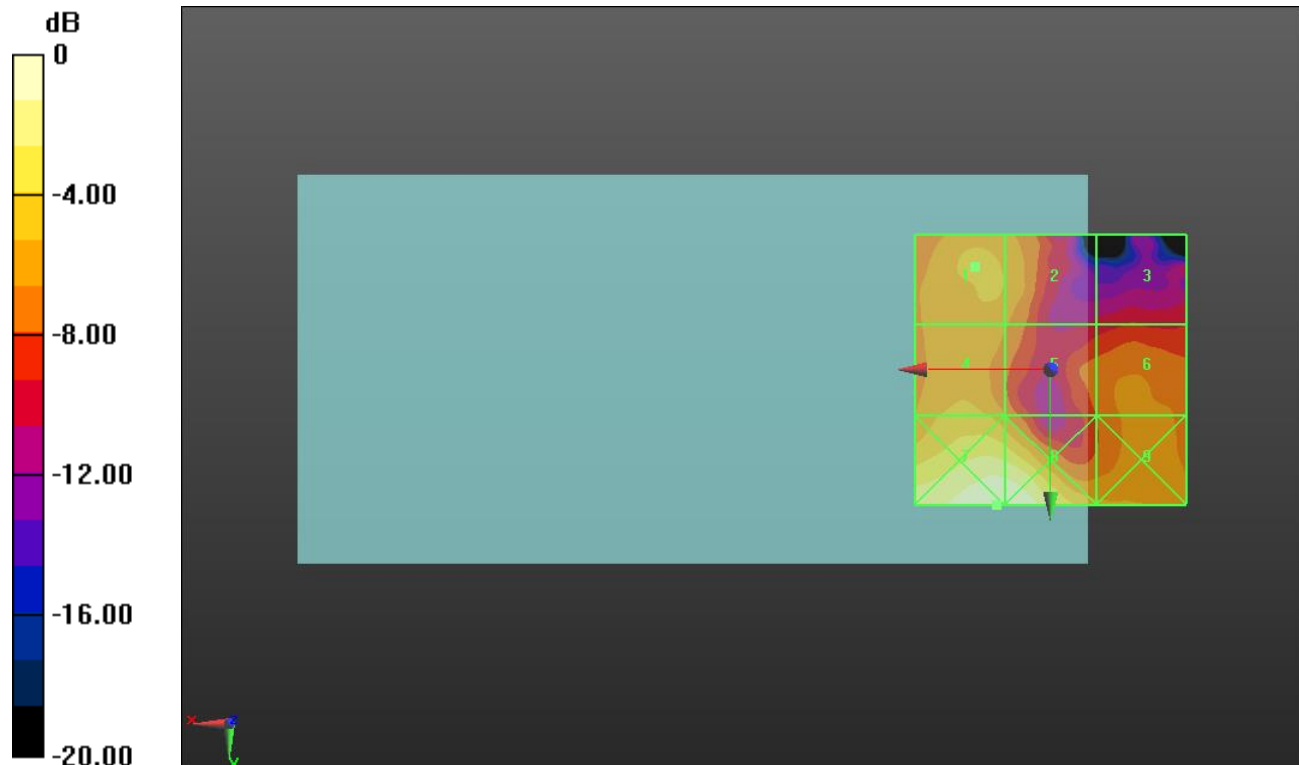
Applied MIF = -1.44 dB

RF audio interference level = 15.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.97 dBV/m	Grid 2 M4 15.52 dBV/m	Grid 3 M4 11.65 dBV/m
Grid 4 M4 15.96 dBV/m	Grid 5 M4 14.47 dBV/m	Grid 6 M4 14.63 dBV/m
Grid 7 M4 20.86 dBV/m	Grid 8 M4 20.83 dBV/m	Grid 9 M4 16.01 dBV/m



0 dB = 11.04 V/m = 20.86 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 = 6.466 V/m; Power Drift = -0.29 dB

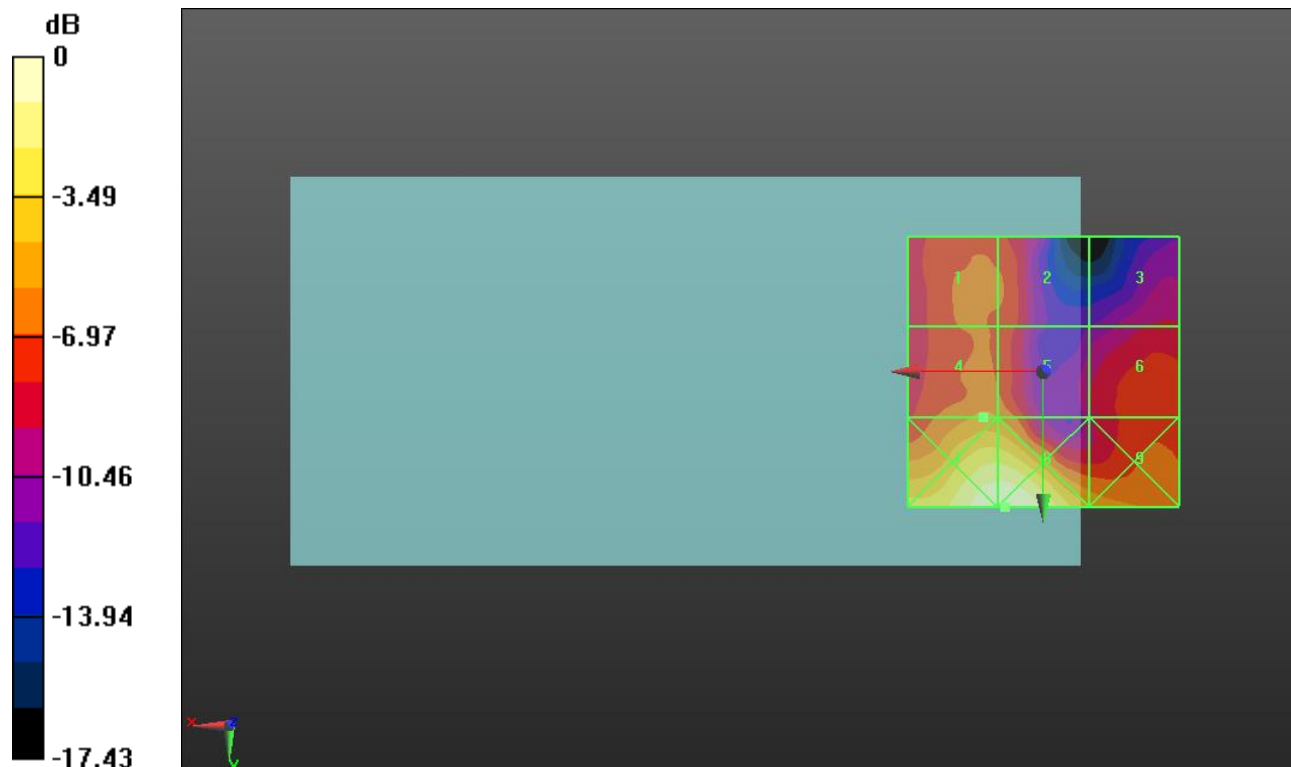
Applied MIF = -1.44 dB

RF audio interference level = 16.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.12 dBV/m	Grid 2 M4 14.76 dBV/m	Grid 3 M4 12.45 dBV/m
Grid 4 M4 16.06 dBV/m	Grid 5 M4 15.76 dBV/m	Grid 6 M4 14.34 dBV/m
Grid 7 M4 21.41 dBV/m	Grid 8 M4 21.48 dBV/m	Grid 9 M4 16.88 dBV/m



0 dB = 11.86 V/m = 21.48 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.661 V/m; Power Drift = 0.13 dB

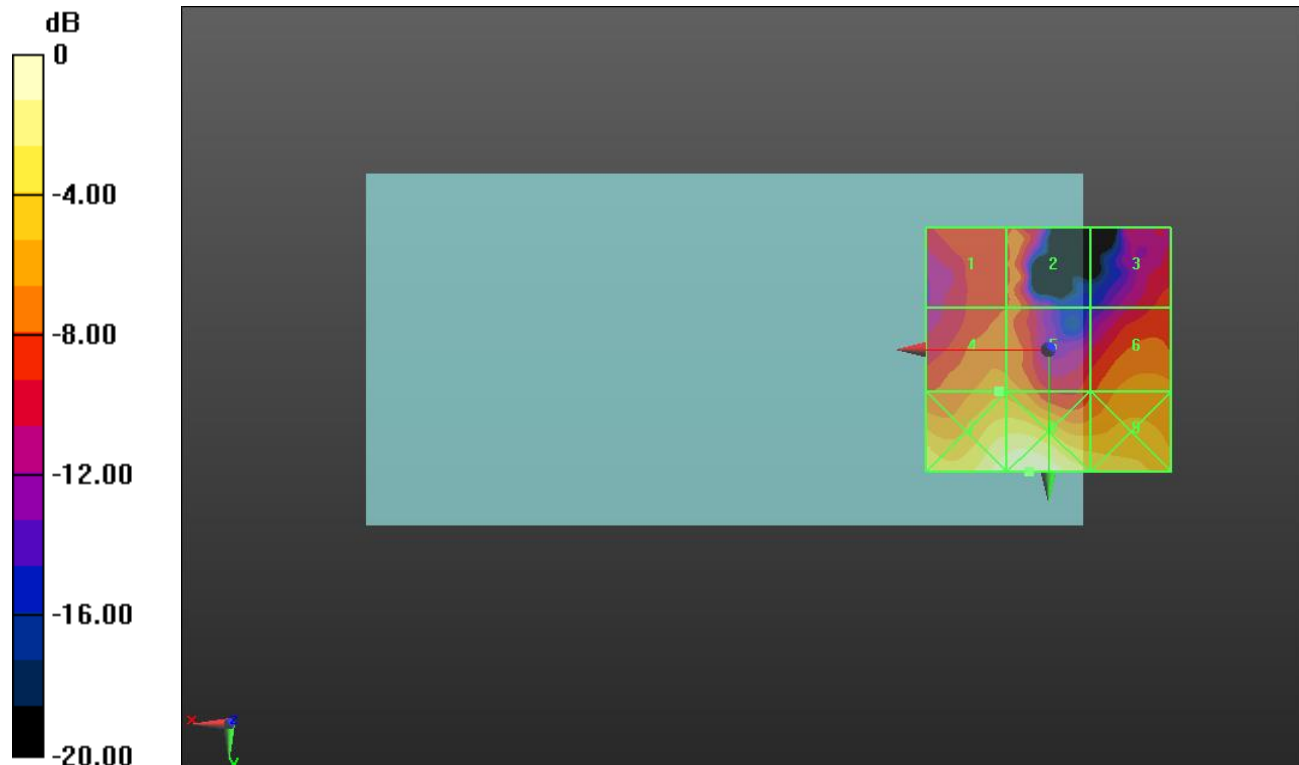
Applied MIF = -1.44 dB

RF audio interference level = 15.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.19 dBV/m	Grid 2 M4 13.93 dBV/m	Grid 3 M4 12.73 dBV/m
Grid 4 M4 15.41 dBV/m	Grid 5 M4 15.29 dBV/m	Grid 6 M4 15.08 dBV/m
Grid 7 M4 20.73 dBV/m	Grid 8 M4 21.1 dBV/m	Grid 9 M4 18.49 dBV/m



0 dB = 11.35 V/m = 21.10 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.354 V/m; Power Drift = -0.26 dB

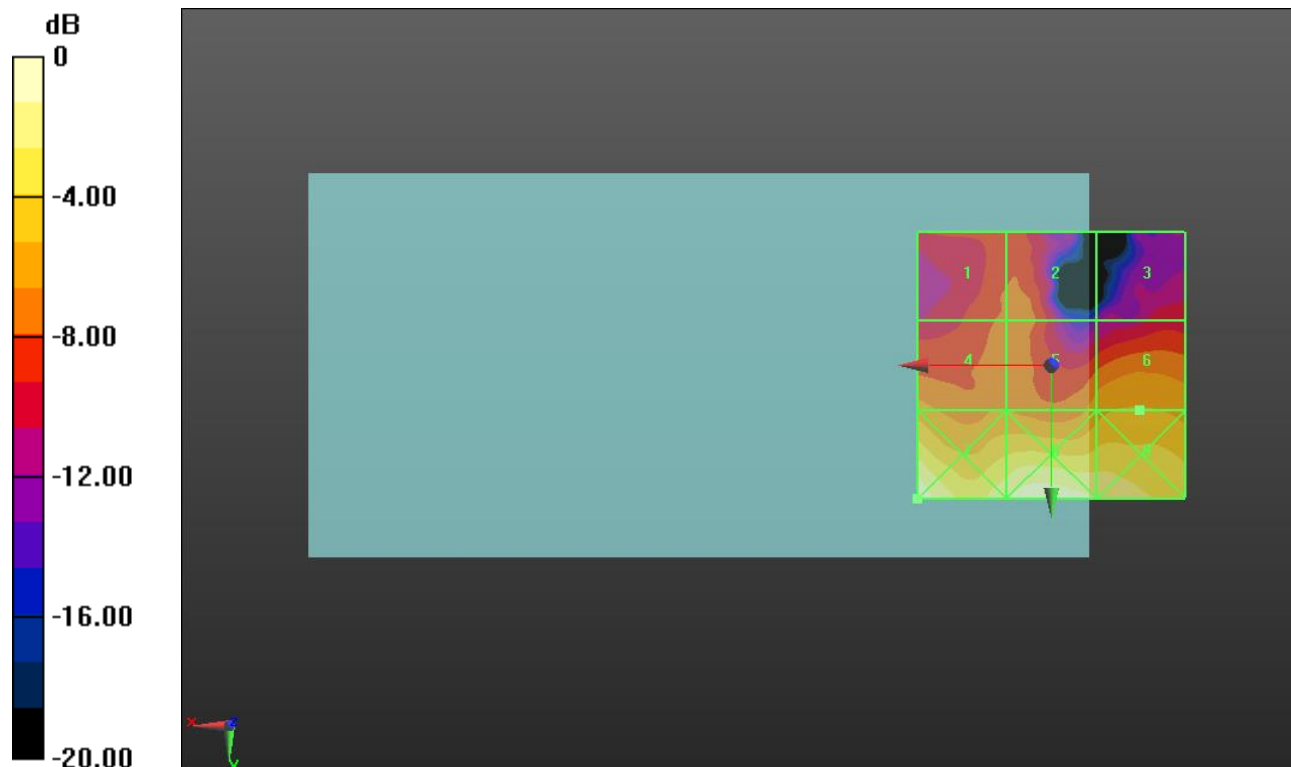
Applied MIF = -1.44 dB

RF audio interference level = 15.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.15 dBV/m	Grid 2 M4 13.67 dBV/m	Grid 3 M4 10.95 dBV/m
Grid 4 M4 14.88 dBV/m	Grid 5 M4 14.87 dBV/m	Grid 6 M4 15.57 dBV/m
Grid 7 M4 20.75 dBV/m	Grid 8 M4 20.4 dBV/m	Grid 9 M4 19.48 dBV/m



0 dB = 10.90 V/m = 20.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.18 V/m; Power Drift = 0.01 dB

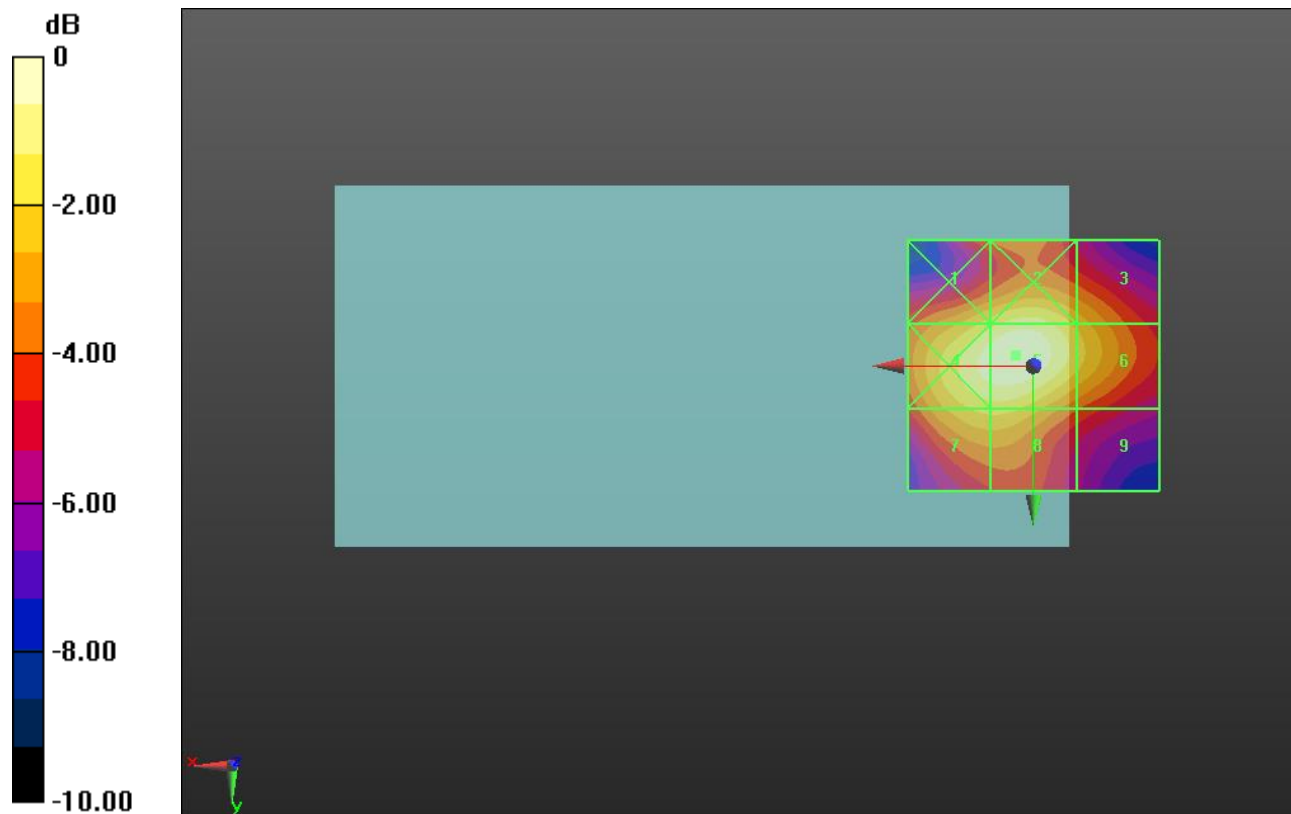
Applied MIF = -1.44 dB

RF audio interference level = 28.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.11 dBV/m	Grid 2 M4 27.75 dBV/m	Grid 3 M4 26.53 dBV/m
Grid 4 M4 28.38 dBV/m	Grid 5 M4 28.71 dBV/m	Grid 6 M4 27.09 dBV/m
Grid 7 M4 26.98 dBV/m	Grid 8 M4 26.99 dBV/m	Grid 9 M4 24.81 dBV/m



0 dB = 27.25 V/m = 28.71 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 = 55.57 V/m; Power Drift = 0.03 dB

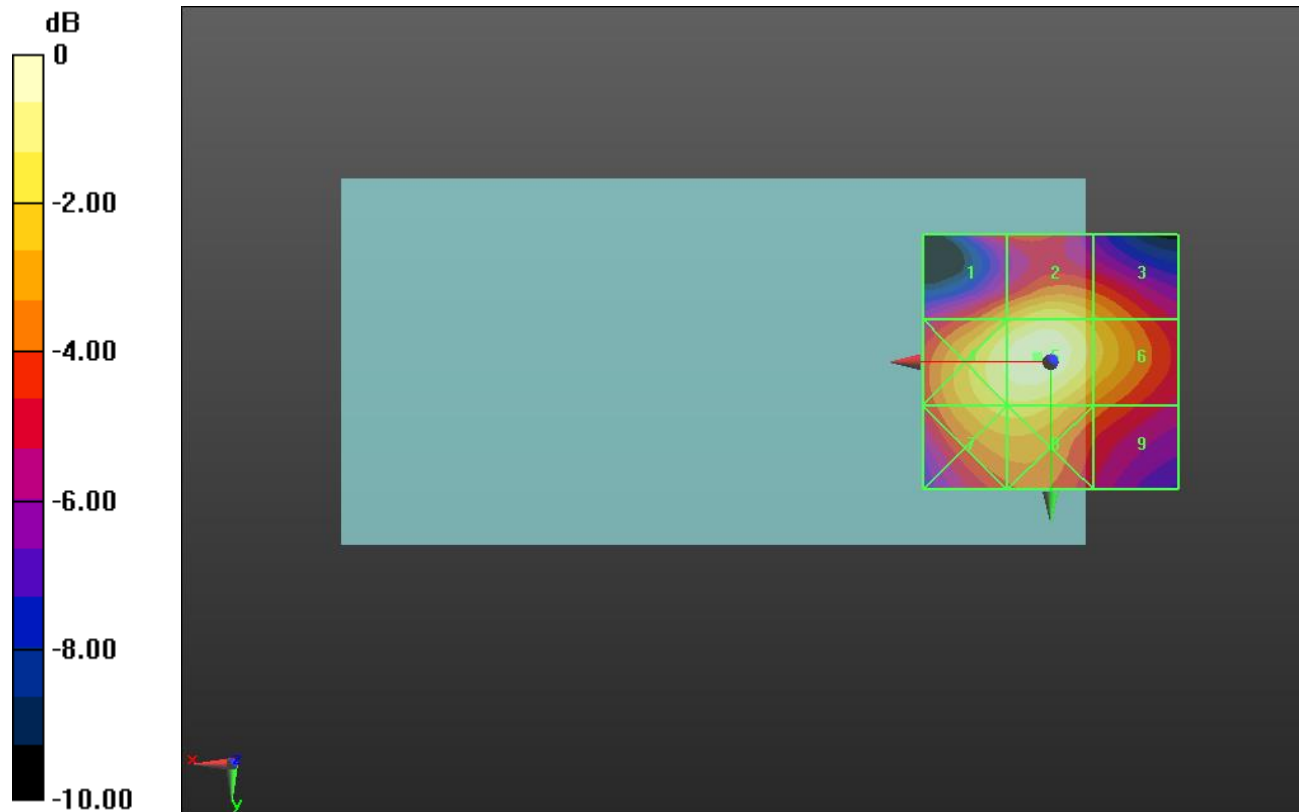
Applied MIF = -1.44 dB

RF audio interference level = 29.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.13 dBV/m	Grid 2 M4 28.3 dBV/m	Grid 3 M4 27.18 dBV/m
Grid 4 M4 29.03 dBV/m	Grid 5 M4 29.56 dBV/m	Grid 6 M4 27.96 dBV/m
Grid 7 M4 28 dBV/m	Grid 8 M4 28.06 dBV/m	Grid 9 M4 26.13 dBV/m



0 dB = 30.07 V/m = 29.56 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 = 58.87 V/m; Power Drift = -0.03 dB

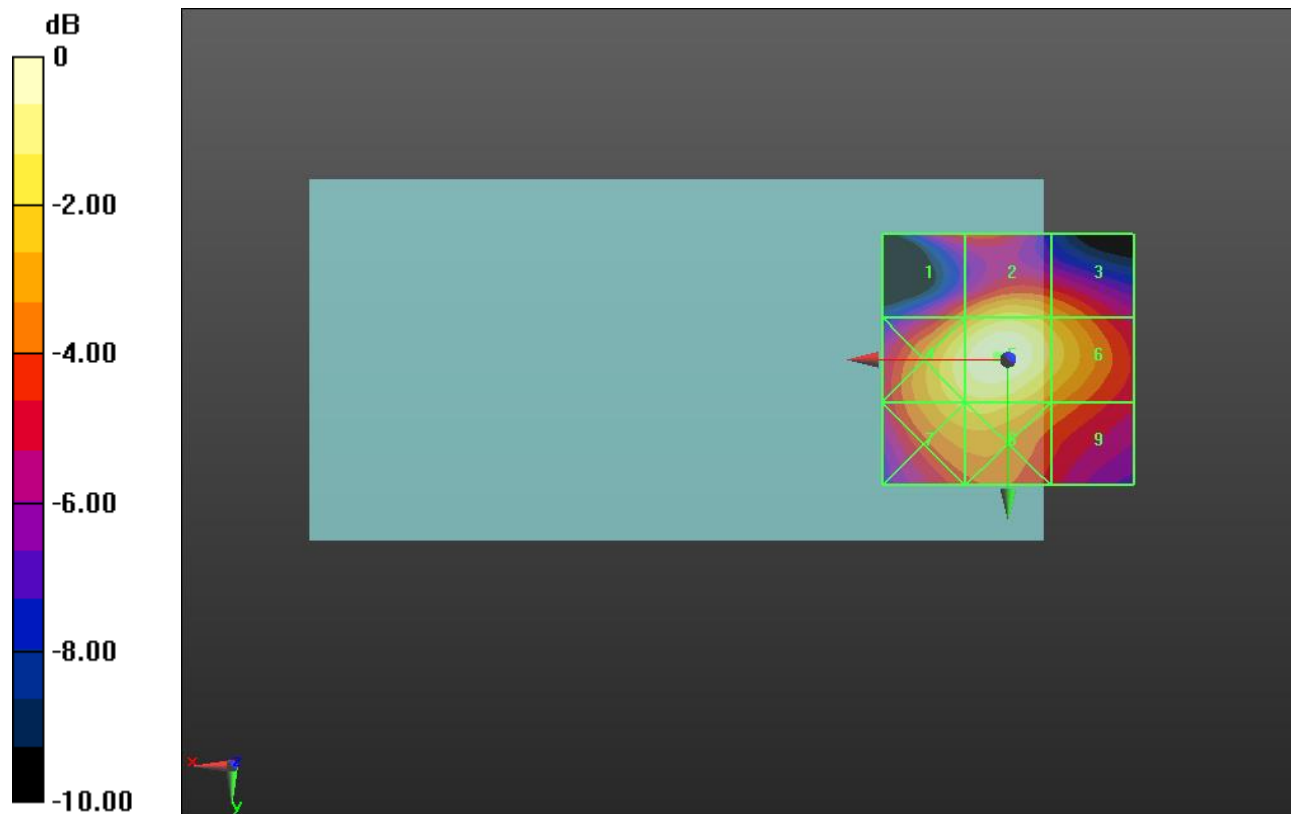
Applied MIF = -1.44 dB

RF audio interference level = 29.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.58 dBV/m	Grid 2 M4 28.16 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 29 dBV/m	Grid 5 M4 29.74 dBV/m	Grid 6 M4 28.31 dBV/m
Grid 7 M4 28.04 dBV/m	Grid 8 M4 28.21 dBV/m	Grid 9 M4 26.72 dBV/m



0 dB = 30.70 V/m = 29.74 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 = 59.50 V/m; Power Drift = 0.03 dB

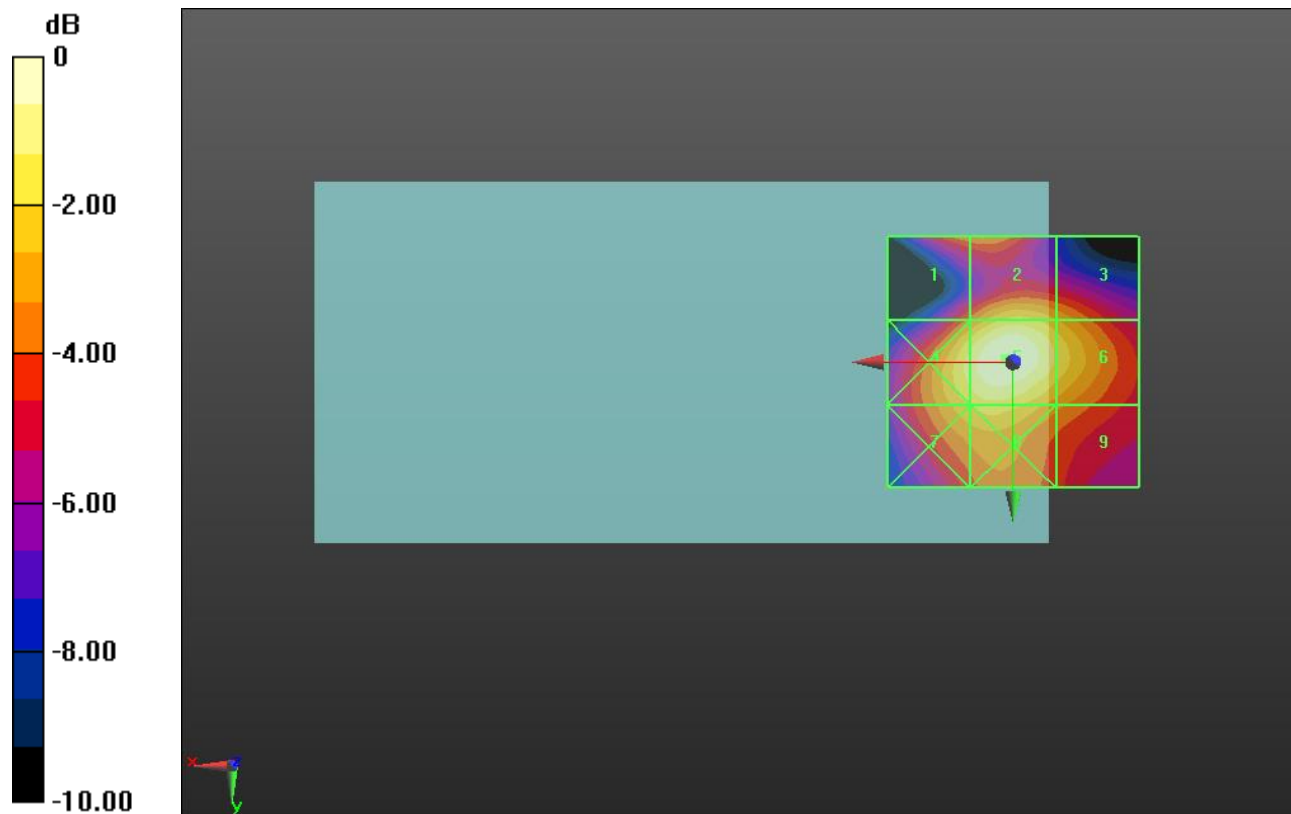
Applied MIF = -1.44 dB

RF audio interference level = 29.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.26 dBV/m	Grid 2 M4 27.84 dBV/m	Grid 3 M4 26.95 dBV/m
Grid 4 M4 28.6 dBV/m	Grid 5 M4 29.58 dBV/m	Grid 6 M4 28.18 dBV/m
Grid 7 M4 27.64 dBV/m	Grid 8 M4 28.02 dBV/m	Grid 9 M4 26.55 dBV/m



0 dB = 30.12 V/m = 29.58 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 = 9.410 V/m; Power Drift = -0.09 dB

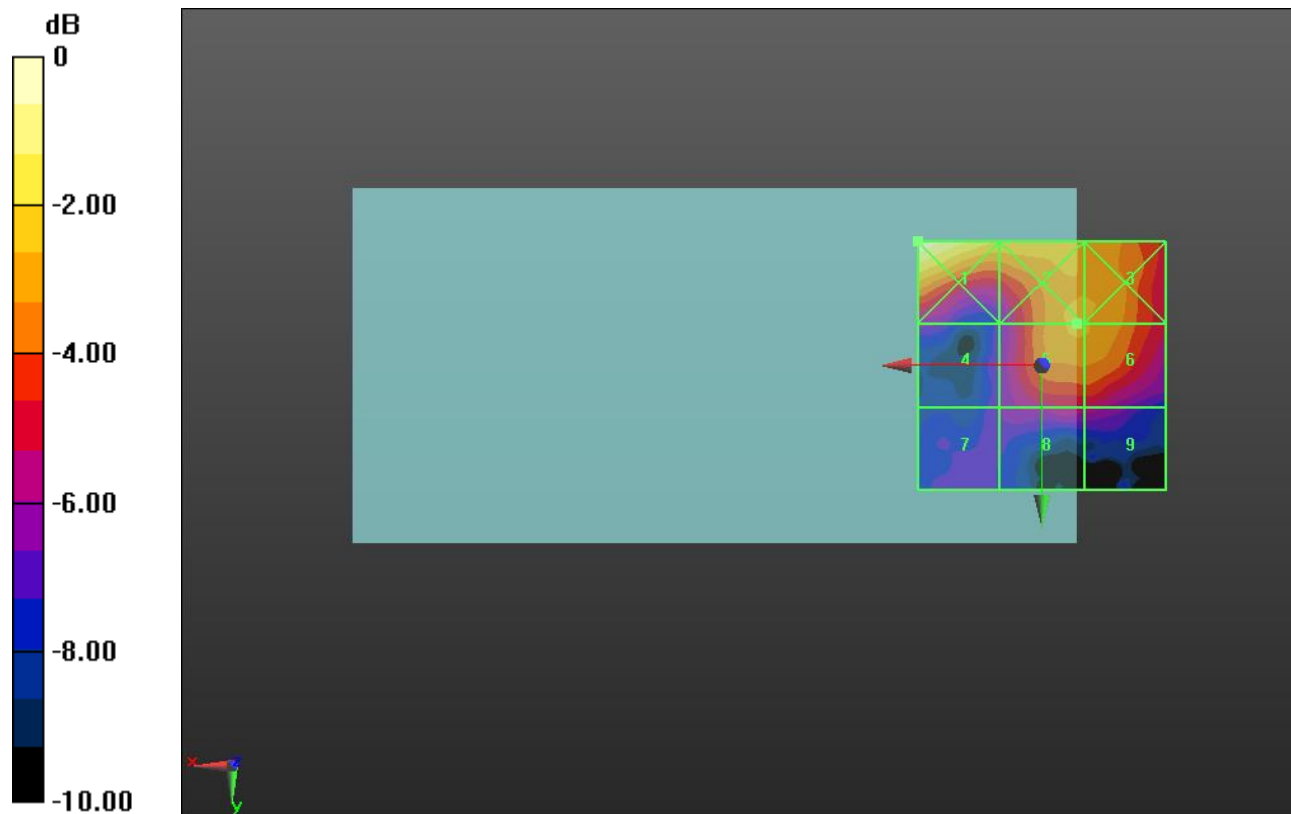
Applied MIF = -1.44 dB

RF audio interference level = 16.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.17 dBV/m	Grid 2 M4 17.2 dBV/m	Grid 3 M4 16.57 dBV/m
Grid 4 M4 12.82 dBV/m	Grid 5 M4 16.6 dBV/m	Grid 6 M4 16.56 dBV/m
Grid 7 M4 12.51 dBV/m	Grid 8 M4 13.84 dBV/m	Grid 9 M4 13.62 dBV/m



0 dB = 9.089 V/m = 19.17 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.382 V/m; Power Drift = -0.09 dB

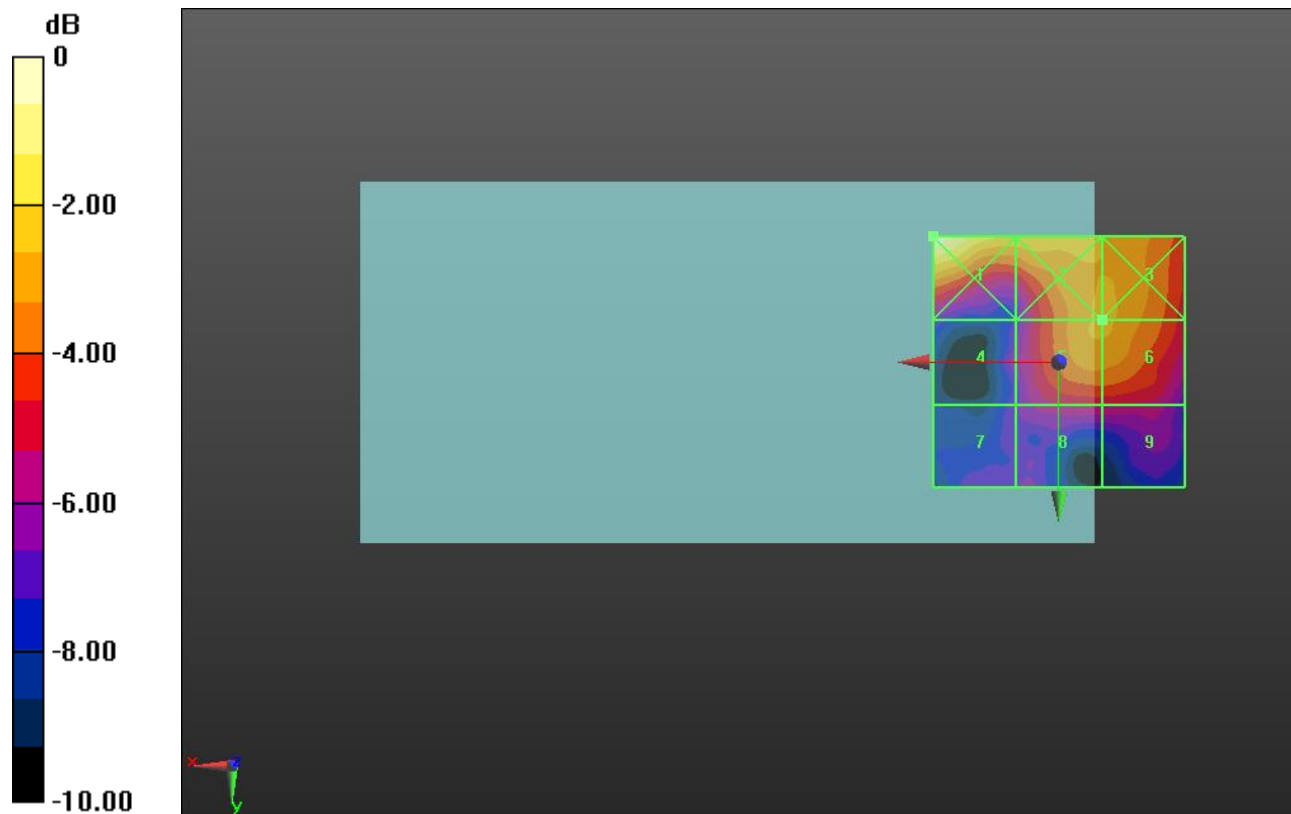
Applied MIF = -1.44 dB

RF audio interference level = 15.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.53 dBV/m	Grid 2 M4 16.44 dBV/m	Grid 3 M4 16 dBV/m
Grid 4 M4 12.38 dBV/m	Grid 5 M4 15.98 dBV/m	Grid 6 M4 15.98 dBV/m
Grid 7 M4 11.87 dBV/m	Grid 8 M4 13.37 dBV/m	Grid 9 M4 13.31 dBV/m



0 dB = 8.443 V/m = 18.53 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 = 8.547 V/m; Power Drift = -0.12 dB

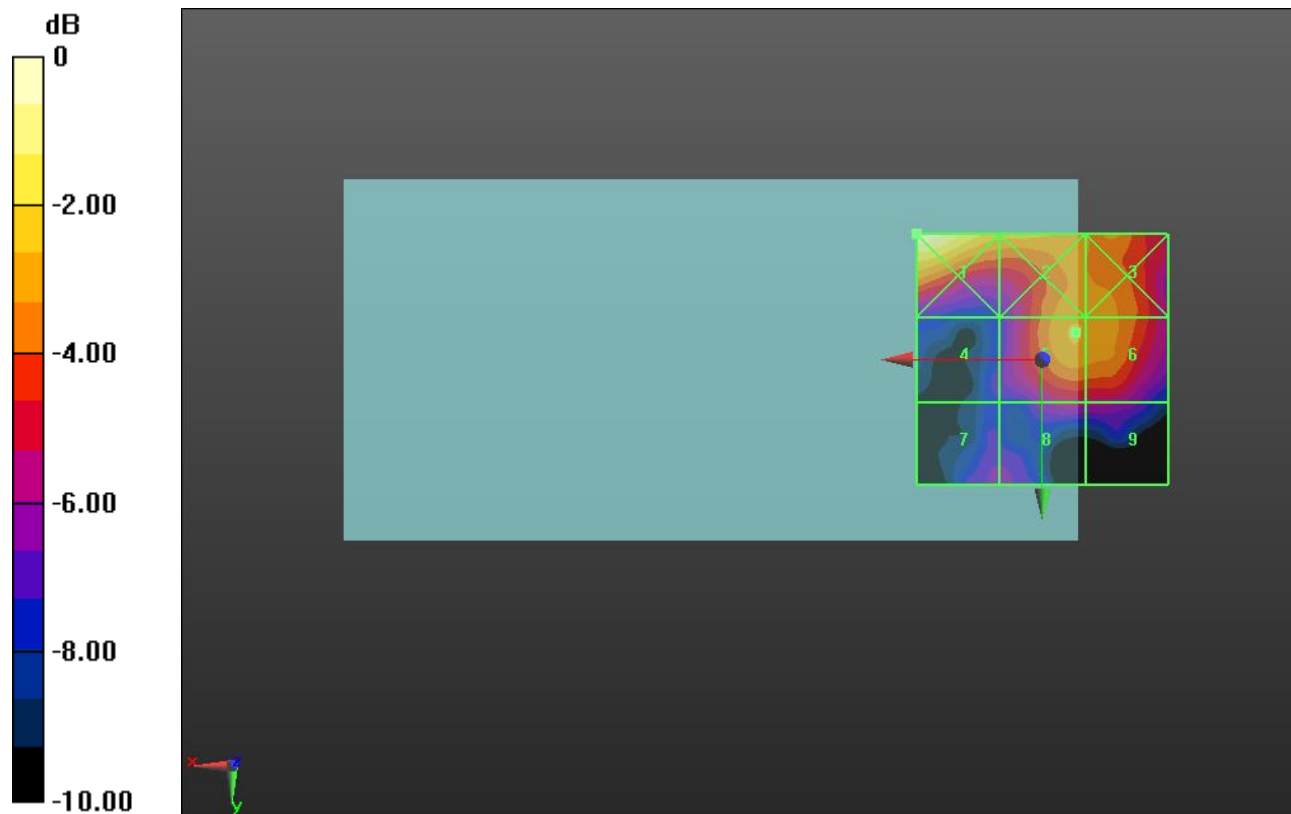
Applied MIF = -1.44 dB

RF audio interference level = 15.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.14 dBV/m	Grid 2 M4 15.89 dBV/m	Grid 3 M4 15.38 dBV/m
Grid 4 M4 11.32 dBV/m	Grid 5 M4 15.56 dBV/m	Grid 6 M4 15.45 dBV/m
Grid 7 M4 11.68 dBV/m	Grid 8 M4 12.68 dBV/m	Grid 9 M4 12.52 dBV/m



0 dB = 8.073 V/m = 18.14 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

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

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.777 V/m; Power Drift = -0.17 dB

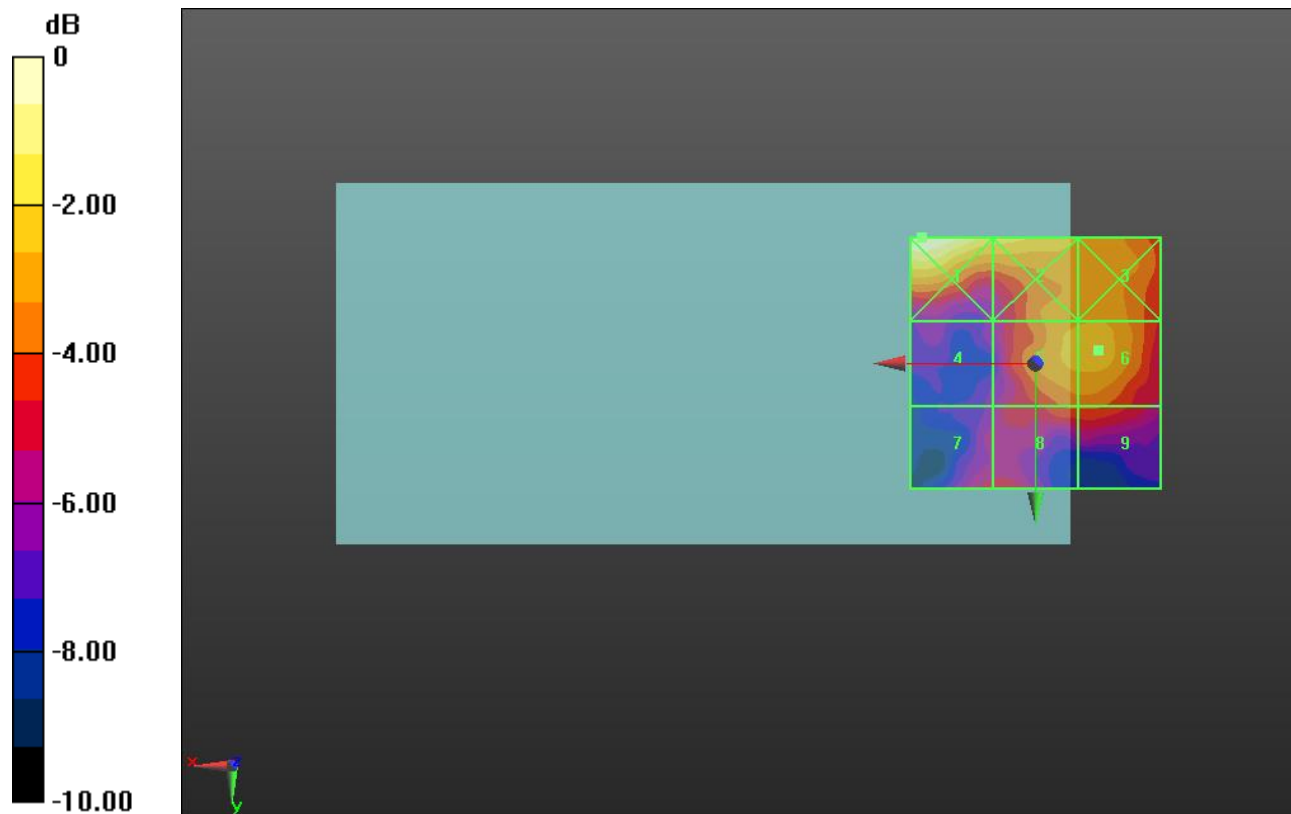
Applied MIF = -1.44 dB

RF audio interference level = 14.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.25 dBV/m	Grid 2 M4 15.61 dBV/m	Grid 3 M4 14.63 dBV/m
Grid 4 M4 11.09 dBV/m	Grid 5 M4 14.81 dBV/m	Grid 6 M4 14.86 dBV/m
Grid 7 M4 12.49 dBV/m	Grid 8 M4 13.45 dBV/m	Grid 9 M4 13.46 dBV/m



0 dB = 7.284 V/m = 17.25 dBV/m

