

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 34.22 V/m; Power Drift = -0.02 dB

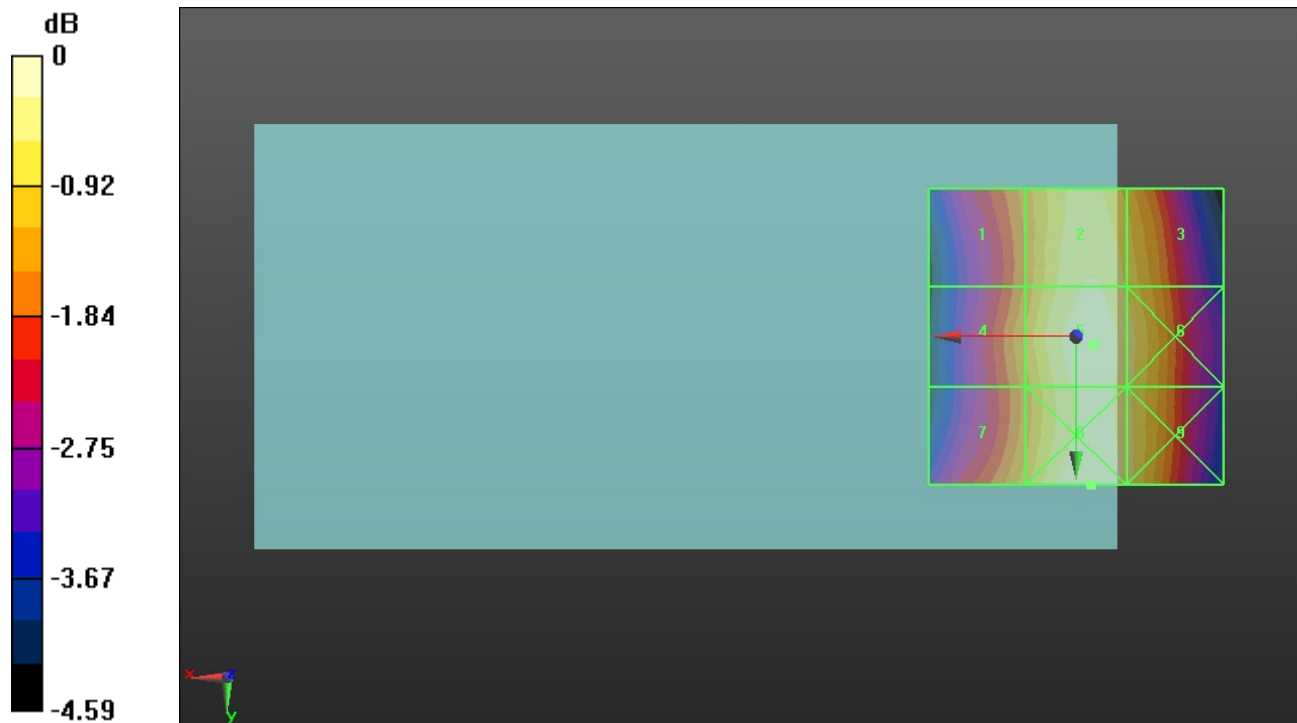
Applied MIF = 3.63 dB

RF audio interference level = 31.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.61 dBV/m	Grid 2 M4 31.67 dBV/m	Grid 3 M4 31.33 dBV/m
Grid 4 M4 30.81 dBV/m	Grid 5 M4 31.86 dBV/m	Grid 6 M4 31.53 dBV/m
Grid 7 M4 30.94 dBV/m	Grid 8 M4 31.96 dBV/m	Grid 9 M4 31.52 dBV/m



0 dB = 39.61 V/m = 31.96 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 35.34 V/m; Power Drift = -0.07 dB

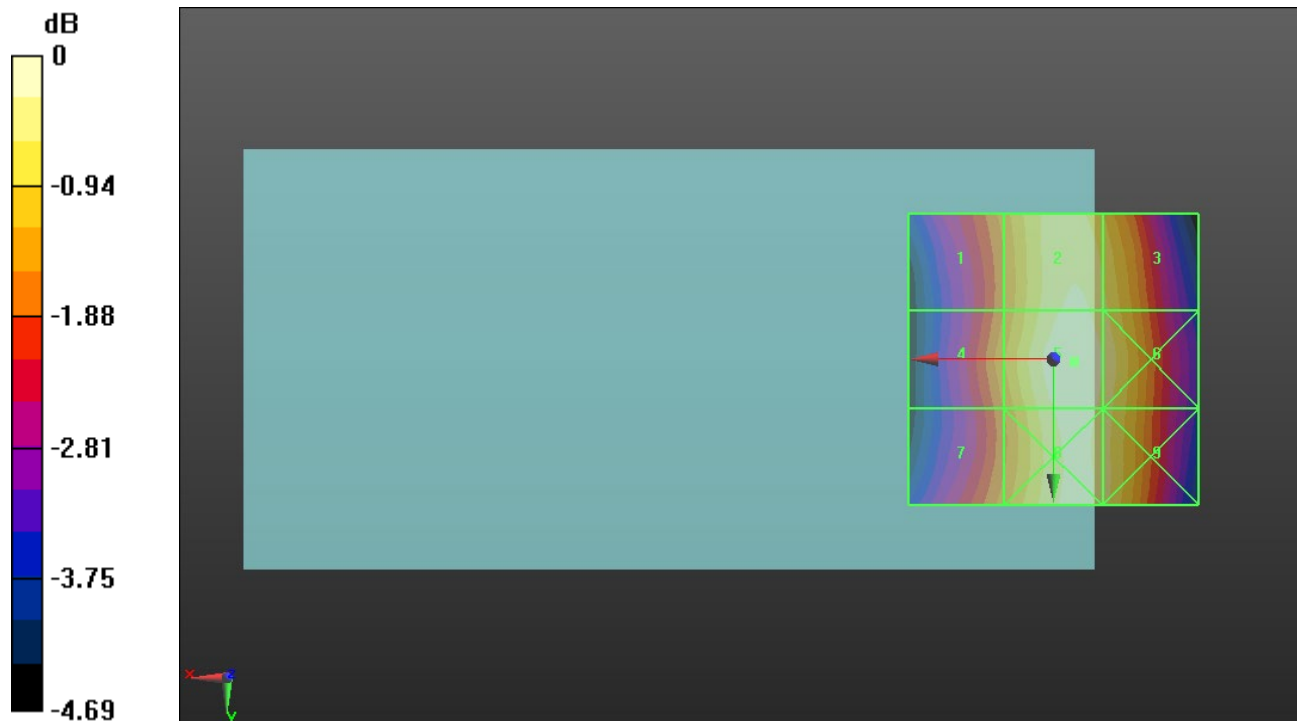
Applied MIF = 3.63 dB

RF audio interference level = 32.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.65 dBV/m	Grid 2 M4 31.81 dBV/m	Grid 3 M4 31.52 dBV/m
Grid 4 M4 30.77 dBV/m	Grid 5 M4 32.04 dBV/m	Grid 6 M4 31.73 dBV/m
Grid 7 M4 30.68 dBV/m	Grid 8 M4 31.89 dBV/m	Grid 9 M4 31.62 dBV/m



0 dB = 39.99 V/m = 32.04 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 36.46 V/m; Power Drift = -0.03 dB

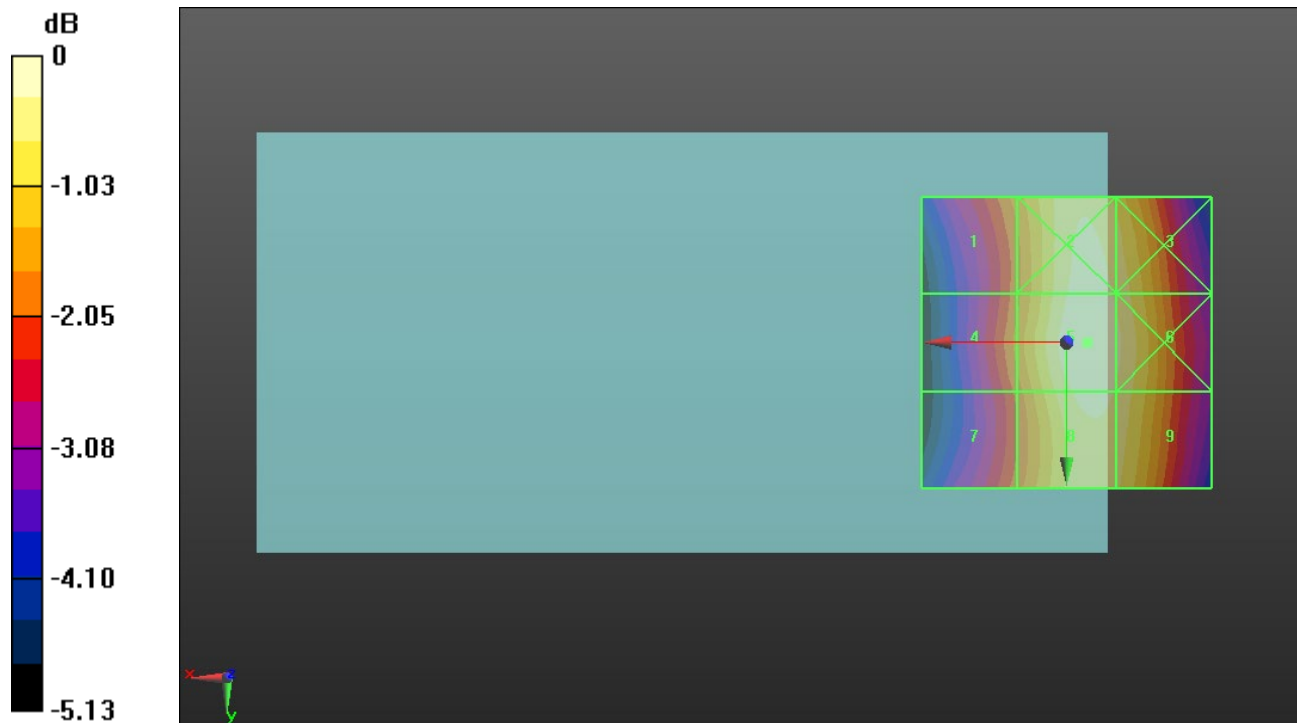
Applied MIF = 3.63 dB

RF audio interference level = 32.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.72 dBV/m	Grid 2 M4 32.07 dBV/m	Grid 3 M4 31.85 dBV/m
Grid 4 M4 30.67 dBV/m	Grid 5 M4 32.25 dBV/m	Grid 6 M4 32 dBV/m
Grid 7 M4 30.4 dBV/m	Grid 8 M4 32.04 dBV/m	Grid 9 M4 31.87 dBV/m



0 dB = 40.95 V/m = 32.25 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.17 V/m; Power Drift = -0.08 dB

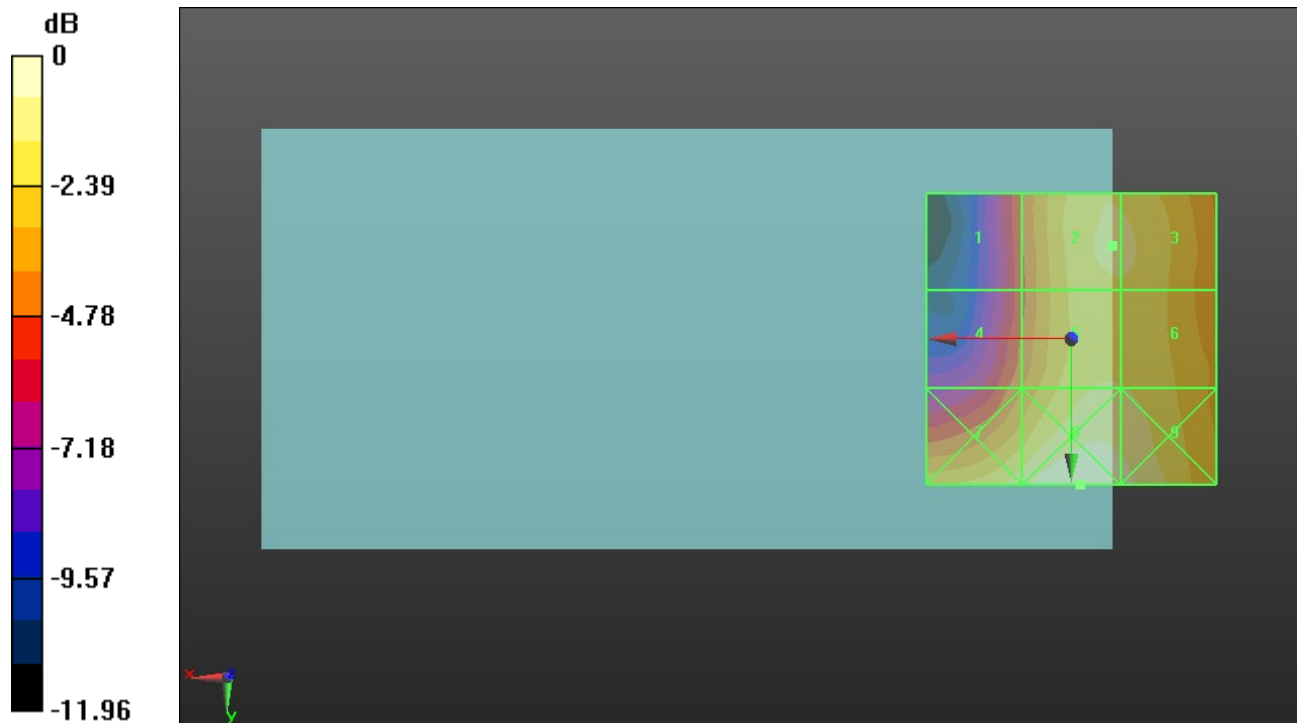
Applied MIF = 3.63 dB

RF audio interference level = 25.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.11 dBV/m	Grid 2 M4 25.39 dBV/m	Grid 3 M4 25.37 dBV/m
Grid 4 M4 22.84 dBV/m	Grid 5 M4 25.32 dBV/m	Grid 6 M4 25.28 dBV/m
Grid 7 M4 25.79 dBV/m	Grid 8 M4 26.82 dBV/m	Grid 9 M4 26.32 dBV/m



0 dB = 21.94 V/m = 26.82 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.68 V/m; Power Drift = 0.00 dB

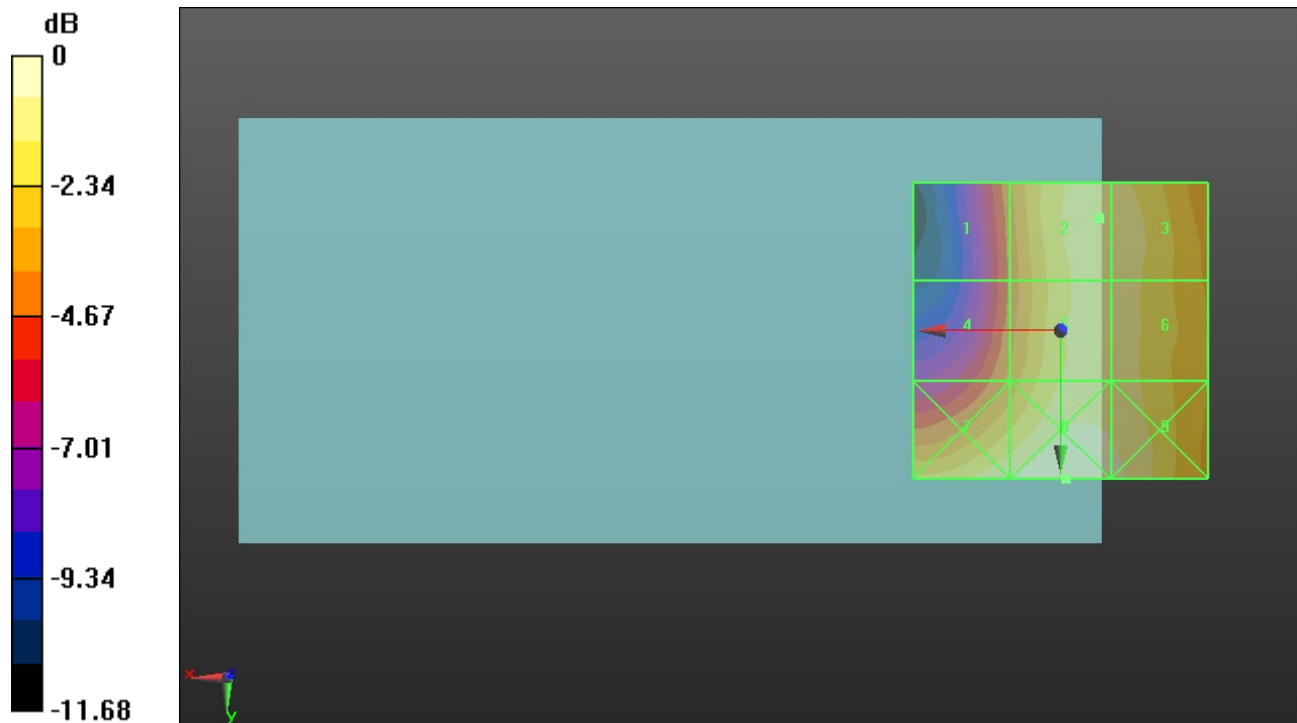
Applied MIF = 3.63 dB

RF audio interference level = 26.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.25 dBV/m	Grid 2 M4 26.19 dBV/m	Grid 3 M4 26.14 dBV/m
Grid 4 M4 23.65 dBV/m	Grid 5 M4 26.11 dBV/m	Grid 6 M4 26.11 dBV/m
Grid 7 M4 26.51 dBV/m	Grid 8 M4 27.23 dBV/m	Grid 9 M4 26.75 dBV/m



0 dB = 22.98 V/m = 27.23 dBV/m

HAC-RF Emission ANT1

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.04 V/m; Power Drift = -0.12 dB

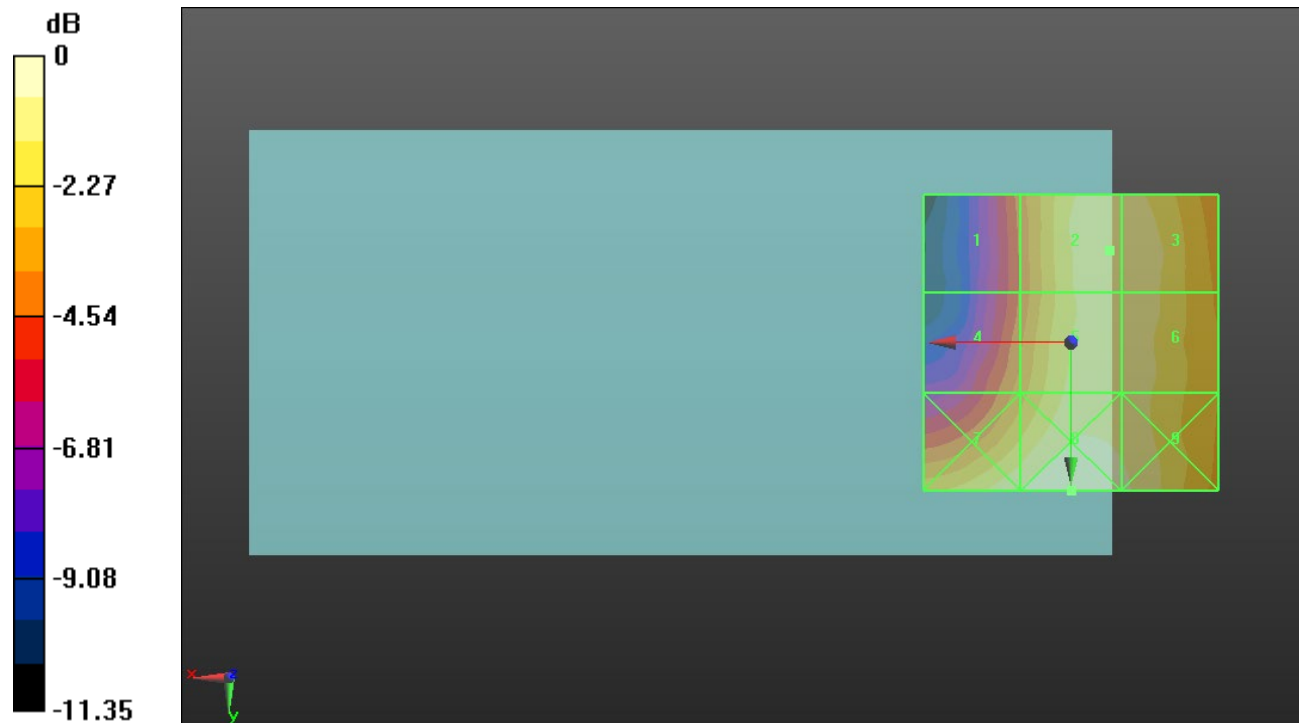
Applied MIF = 3.63 dB

RF audio interference level = 26.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.25 dBV/m	Grid 2 M4 26.38 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 24 dBV/m	Grid 5 M4 26.29 dBV/m	Grid 6 M4 26.26 dBV/m
Grid 7 M4 26.64 dBV/m	Grid 8 M4 27.32 dBV/m	Grid 9 M4 26.77 dBV/m



0 dB = 23.23 V/m = 27.32 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 8.858 V/m; Power Drift = -0.05 dB

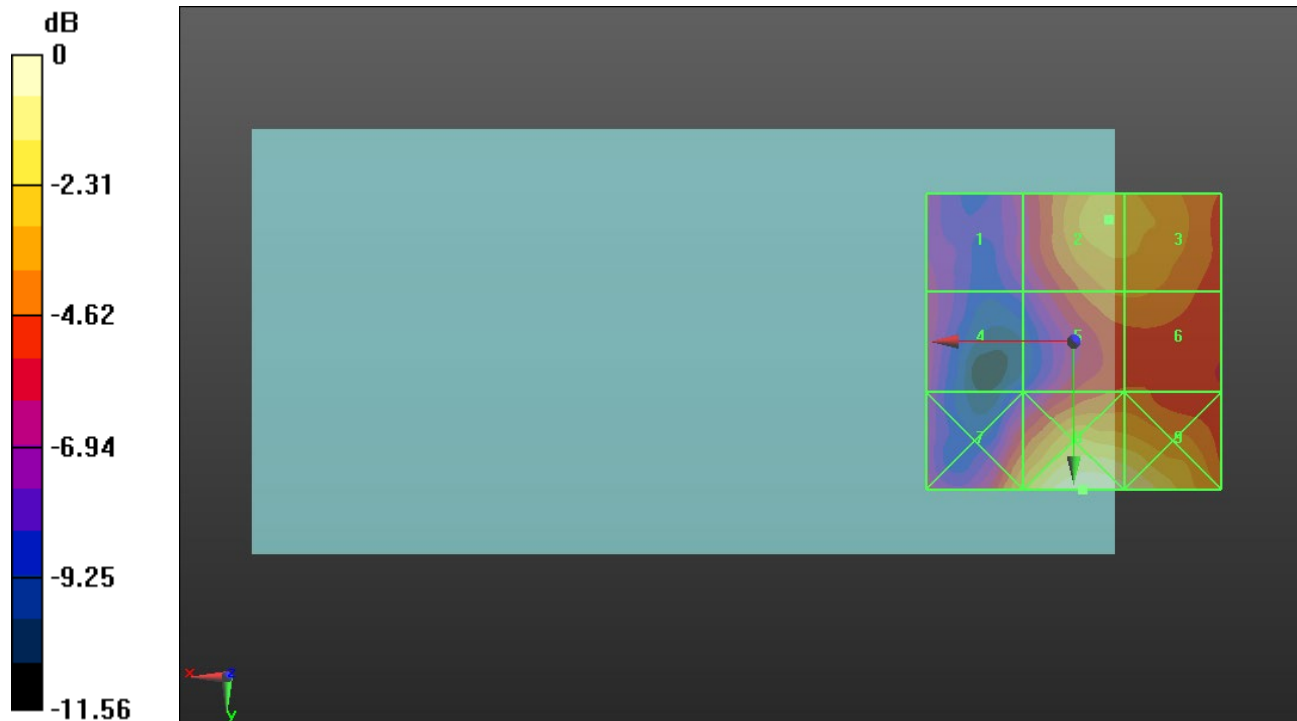
Applied MIF = -1.44 dB

RF audio interference level = 19.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.81 dBV/m	Grid 2 M4 19.4 dBV/m	Grid 3 M4 19.21 dBV/m
Grid 4 M4 15.85 dBV/m	Grid 5 M4 18.36 dBV/m	Grid 6 M4 18.39 dBV/m
Grid 7 M4 19.44 dBV/m	Grid 8 M4 22.05 dBV/m	Grid 9 M4 21.56 dBV/m



0 dB = 12.67 V/m = 22.06 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 8.158 V/m; Power Drift = 0.13 dB

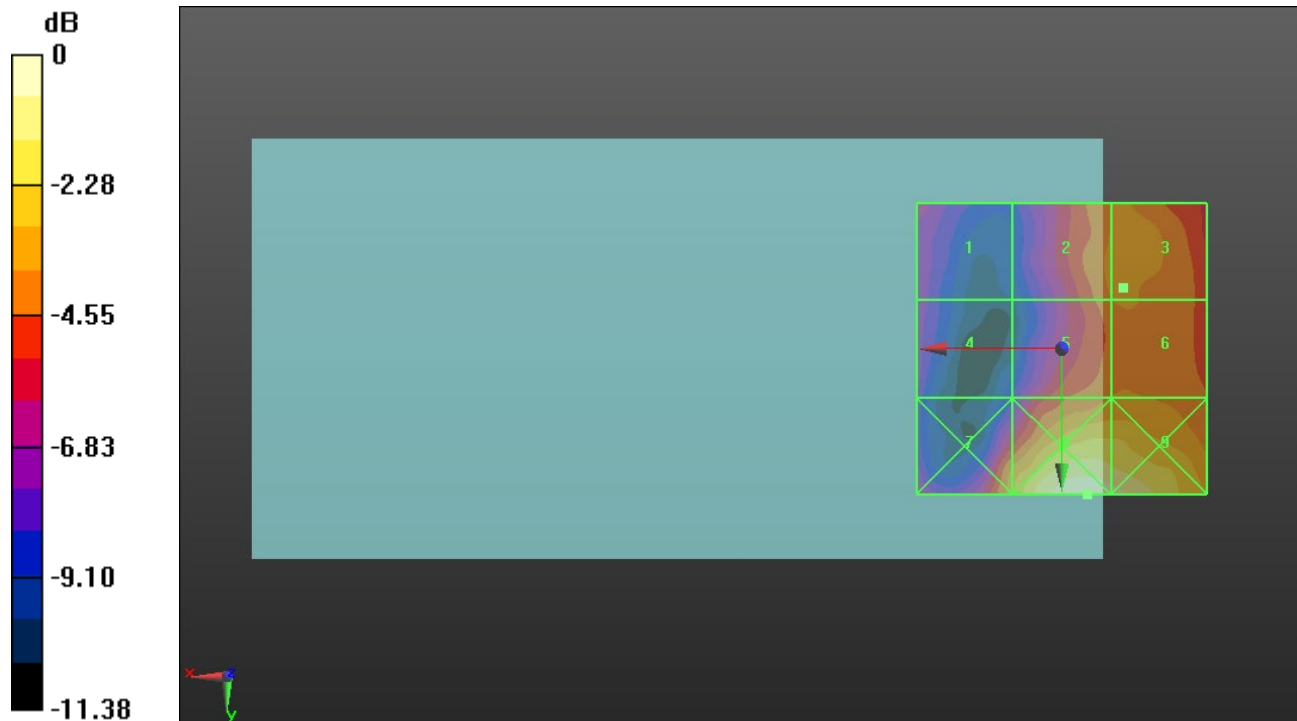
Applied MIF = -1.44 dB

RF audio interference level = 17.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.54 dBV/m	Grid 2 M4 16.92 dBV/m	Grid 3 M4 17.17 dBV/m
Grid 4 M4 13.67 dBV/m	Grid 5 M4 16.77 dBV/m	Grid 6 M4 16.99 dBV/m
Grid 7 M4 17.41 dBV/m	Grid 8 M4 20.51 dBV/m	Grid 9 M4 20.16 dBV/m



0 dB = 10.61 V/m = 20.51 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 7.281 V/m; Power Drift = -0.09 dB

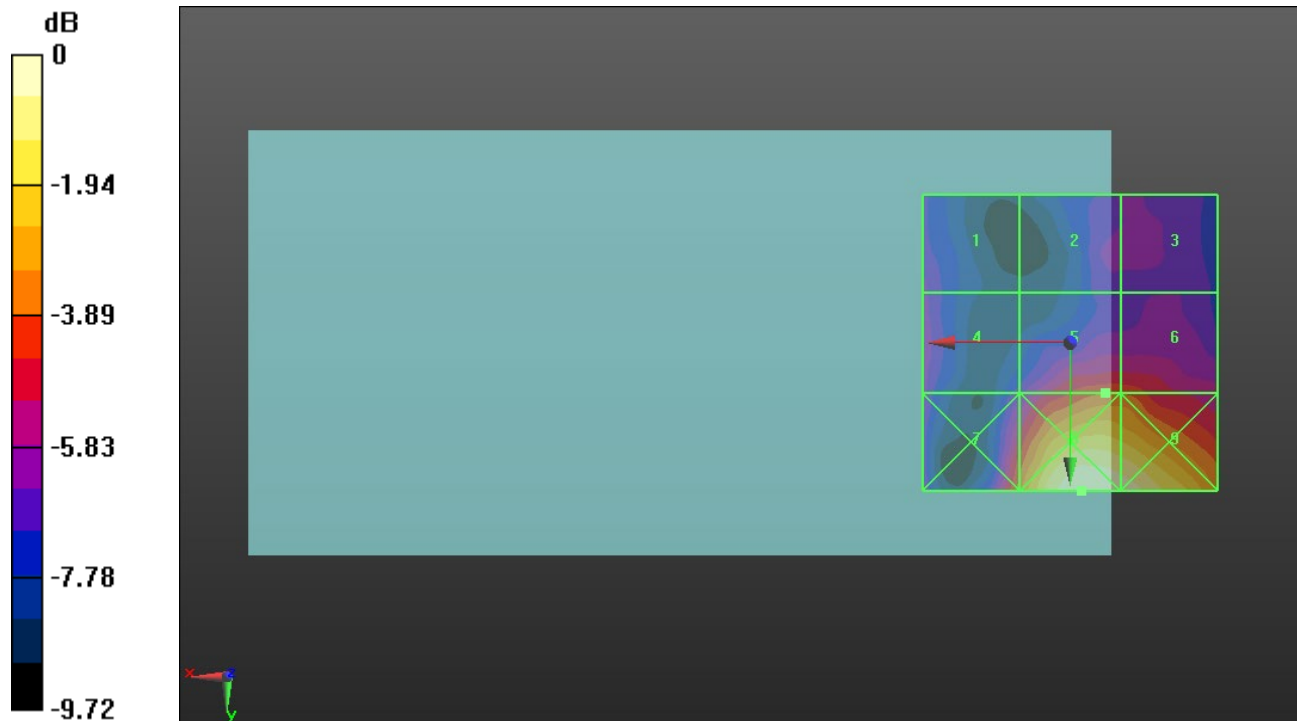
Applied MIF = -1.44 dB

RF audio interference level = 17.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.72 dBV/m	Grid 2 M4 14.63 dBV/m	Grid 3 M4 14.73 dBV/m
Grid 4 M4 14.95 dBV/m	Grid 5 M4 17 dBV/m	Grid 6 M4 16.98 dBV/m
Grid 7 M4 17.6 dBV/m	Grid 8 M4 20.91 dBV/m	Grid 9 M4 20.74 dBV/m



0 dB = 11.11 V/m = 20.91 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 8.417 V/m; Power Drift = 0.02 dB

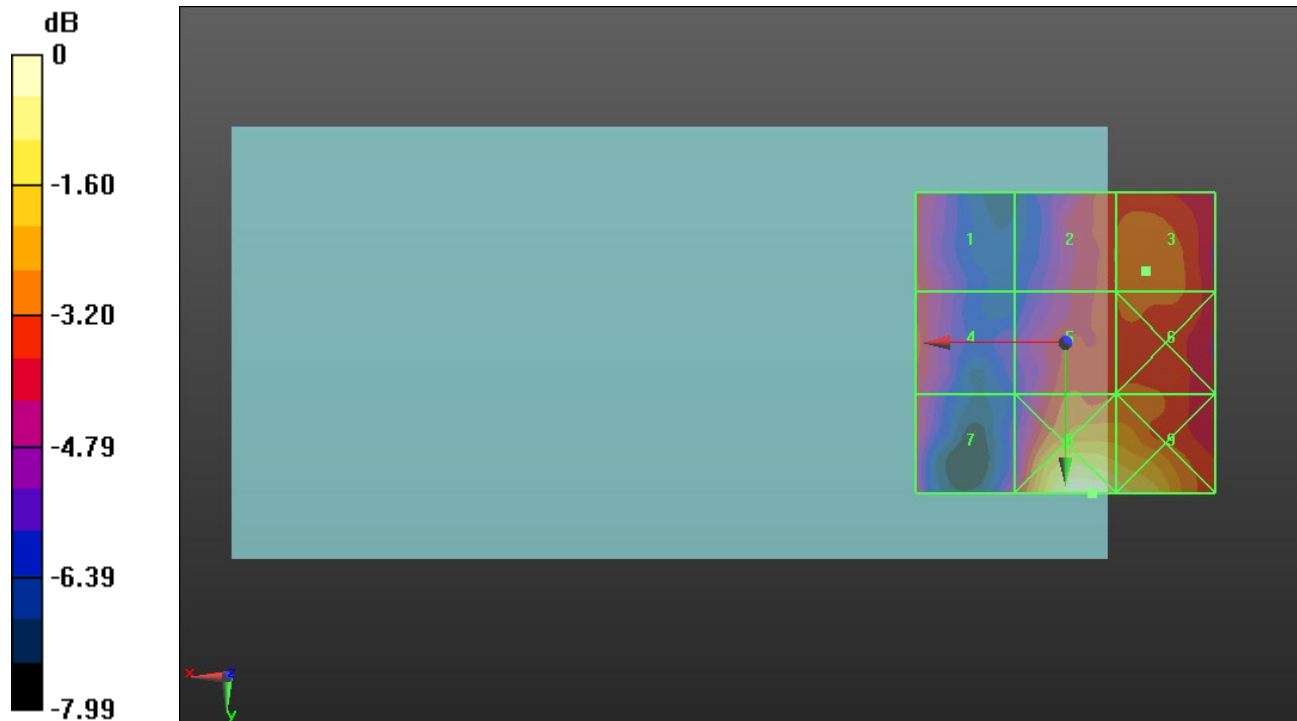
Applied MIF = -1.44 dB

RF audio interference level = 17.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.19 dBV/m	Grid 2 M4 16.63 dBV/m	Grid 3 M4 17 dBV/m
Grid 4 M4 16.34 dBV/m	Grid 5 M4 16.61 dBV/m	Grid 6 M4 16.87 dBV/m
Grid 7 M4 16.03 dBV/m	Grid 8 M4 19.73 dBV/m	Grid 9 M4 19.06 dBV/m



0 dB = 9.699 V/m = 19.73 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 7.428 V/m; Power Drift = 0.18 dB

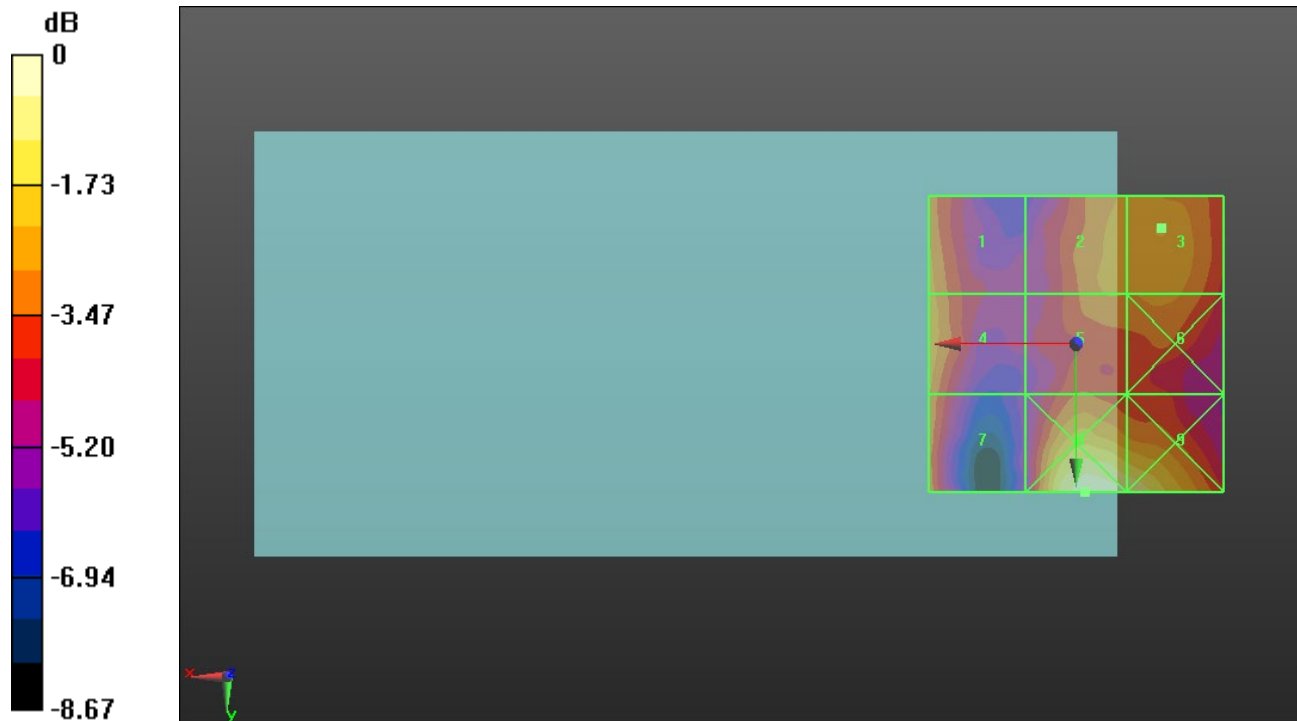
Applied MIF = -1.44 dB

RF audio interference level = 16.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.08 dBV/m	Grid 2 M4 15.99 dBV/m	Grid 3 M4 16.31 dBV/m
Grid 4 M4 16.24 dBV/m	Grid 5 M4 15.76 dBV/m	Grid 6 M4 15.98 dBV/m
Grid 7 M4 15.94 dBV/m	Grid 8 M4 18.59 dBV/m	Grid 9 M4 18.17 dBV/m



0 dB = 8.497 V/m = 18.59 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.14 V/m; Power Drift = -0.01 dB

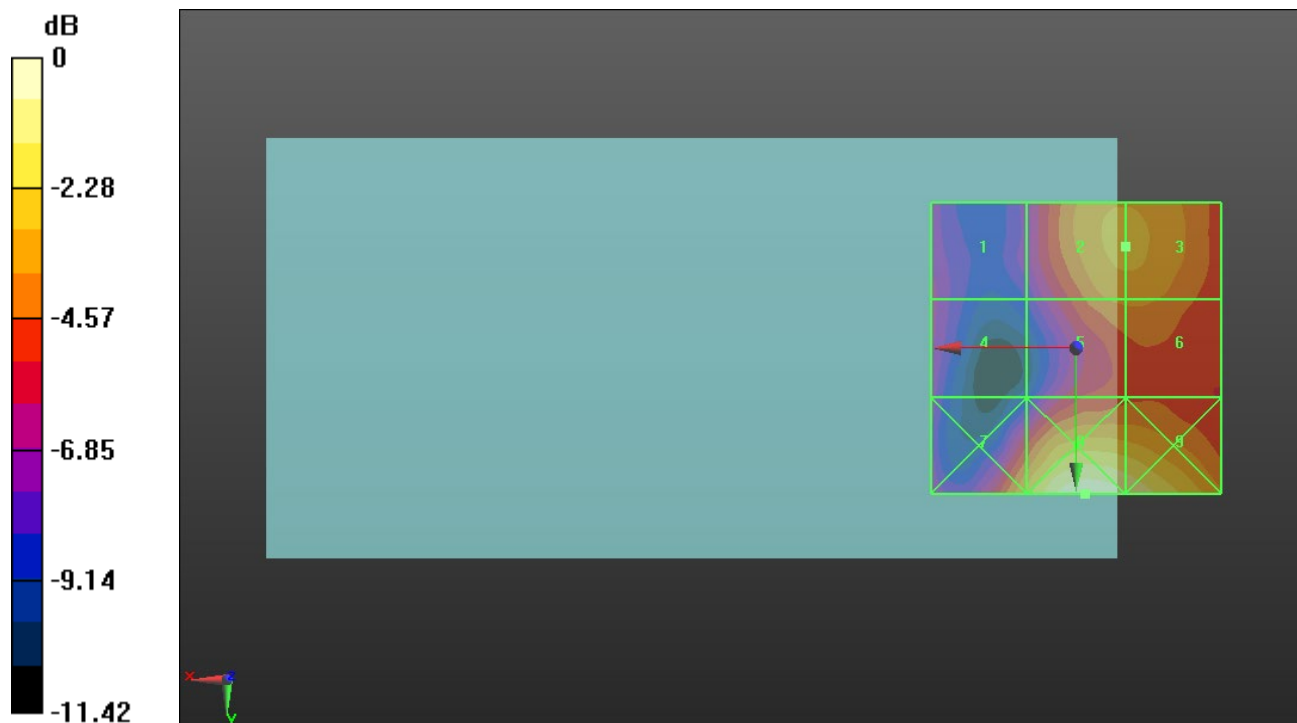
Applied MIF = -1.44 dB

RF audio interference level = 21.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.35 dBV/m	Grid 2 M4 21.88 dBV/m	Grid 3 M4 21.88 dBV/m
Grid 4 M4 18.35 dBV/m	Grid 5 M4 21.12 dBV/m	Grid 6 M4 21.13 dBV/m
Grid 7 M4 22.03 dBV/m	Grid 8 M4 24.73 dBV/m	Grid 9 M4 24.04 dBV/m



0 dB = 17.24 V/m = 24.73 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 11.16 V/m; Power Drift = -0.06 dB

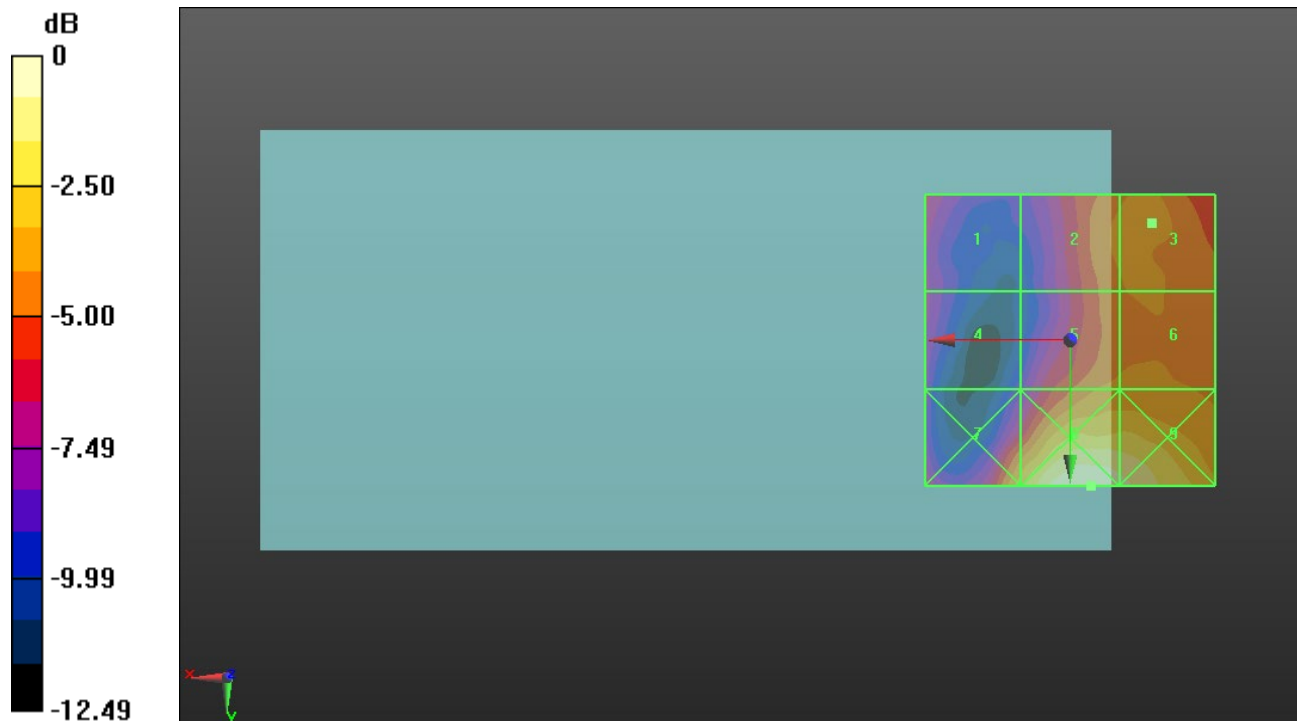
Applied MIF = -1.44 dB

RF audio interference level = 19.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.56 dBV/m	Grid 2 M4 19.73 dBV/m	Grid 3 M4 19.93 dBV/m
Grid 4 M4 16.64 dBV/m	Grid 5 M4 19.85 dBV/m	Grid 6 M4 19.89 dBV/m
Grid 7 M4 21 dBV/m	Grid 8 M4 23.73 dBV/m	Grid 9 M4 23.23 dBV/m



0 dB = 15.36 V/m = 23.73 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 9.796 V/m; Power Drift = 0.09 dB

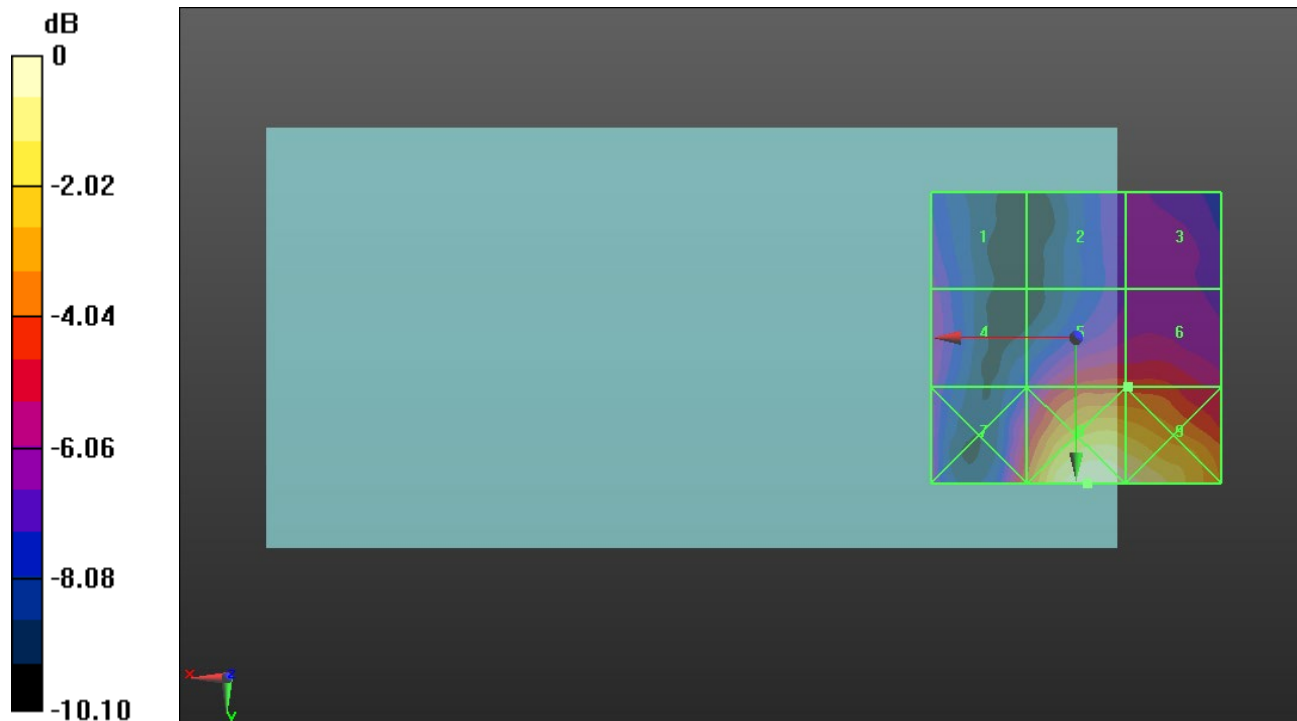
Applied MIF = -1.44 dB

RF audio interference level = 19.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.47 dBV/m	Grid 2 M4 17.19 dBV/m	Grid 3 M4 17.47 dBV/m
Grid 4 M4 17.92 dBV/m	Grid 5 M4 19.54 dBV/m	Grid 6 M4 19.54 dBV/m
Grid 7 M4 20.04 dBV/m	Grid 8 M4 23.81 dBV/m	Grid 9 M4 23.46 dBV/m



0 dB = 15.50 V/m = 23.81 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.48 V/m; Power Drift = -0.08 dB

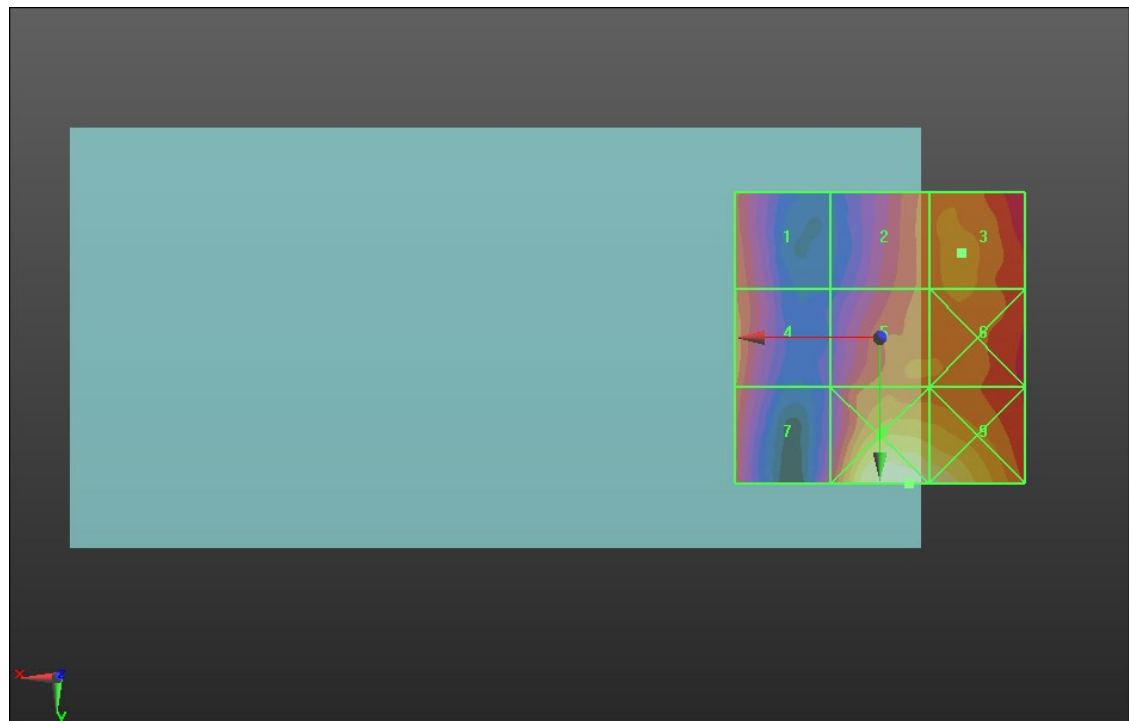
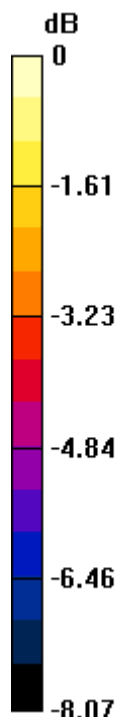
Applied MIF = -1.44 dB

RF audio interference level = 19.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.75 dBV/m	Grid 2 M4 19.08 dBV/m	Grid 3 M4 19.43 dBV/m
Grid 4 M4 19.22 dBV/m	Grid 5 M4 19.31 dBV/m	Grid 6 M4 19.33 dBV/m
Grid 7 M4 18.77 dBV/m	Grid 8 M4 21.9 dBV/m	Grid 9 M4 21.65 dBV/m



0 dB = 12.44 V/m = 21.90 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 10.14 V/m; Power Drift = -0.20 dB

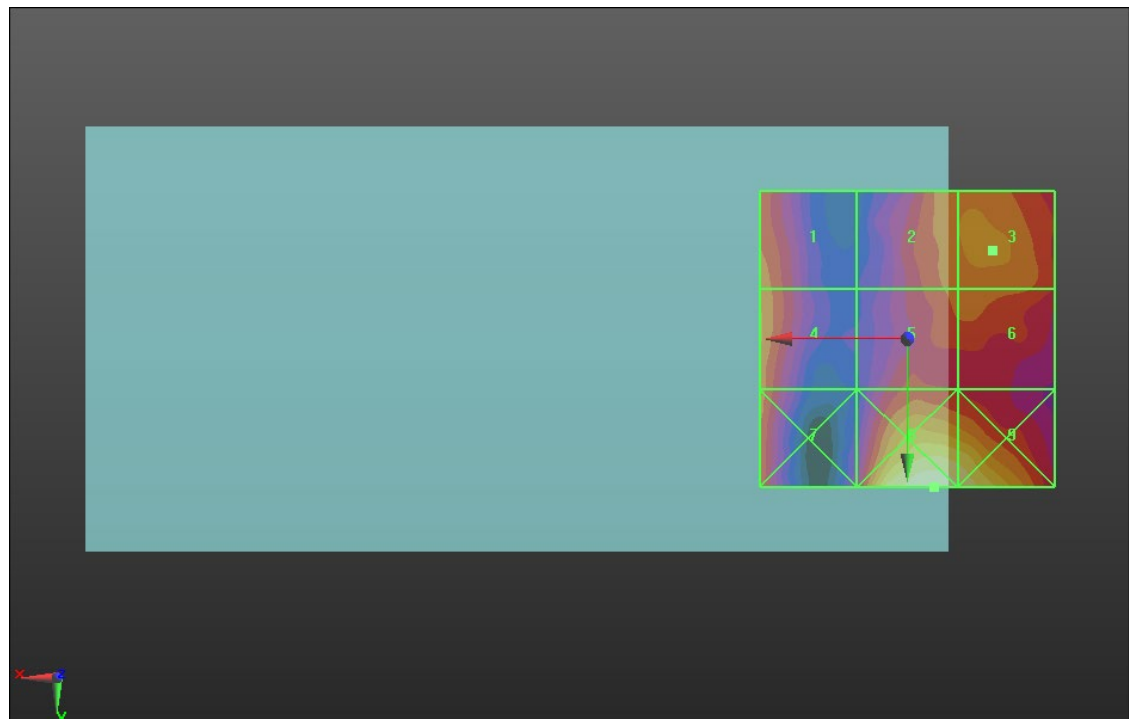
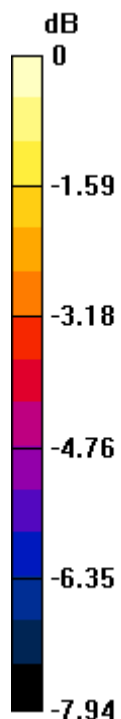
Applied MIF = -1.44 dB

RF audio interference level = 19.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.83 dBV/m	Grid 2 M4 18.92 dBV/m	Grid 3 M4 19.25 dBV/m
Grid 4 M4 19.1 dBV/m	Grid 5 M4 18.63 dBV/m	Grid 6 M4 18.73 dBV/m
Grid 7 M4 18.8 dBV/m	Grid 8 M4 21.58 dBV/m	Grid 9 M4 21.08 dBV/m



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

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 125.7 V/m; Power Drift = -0.01 dB

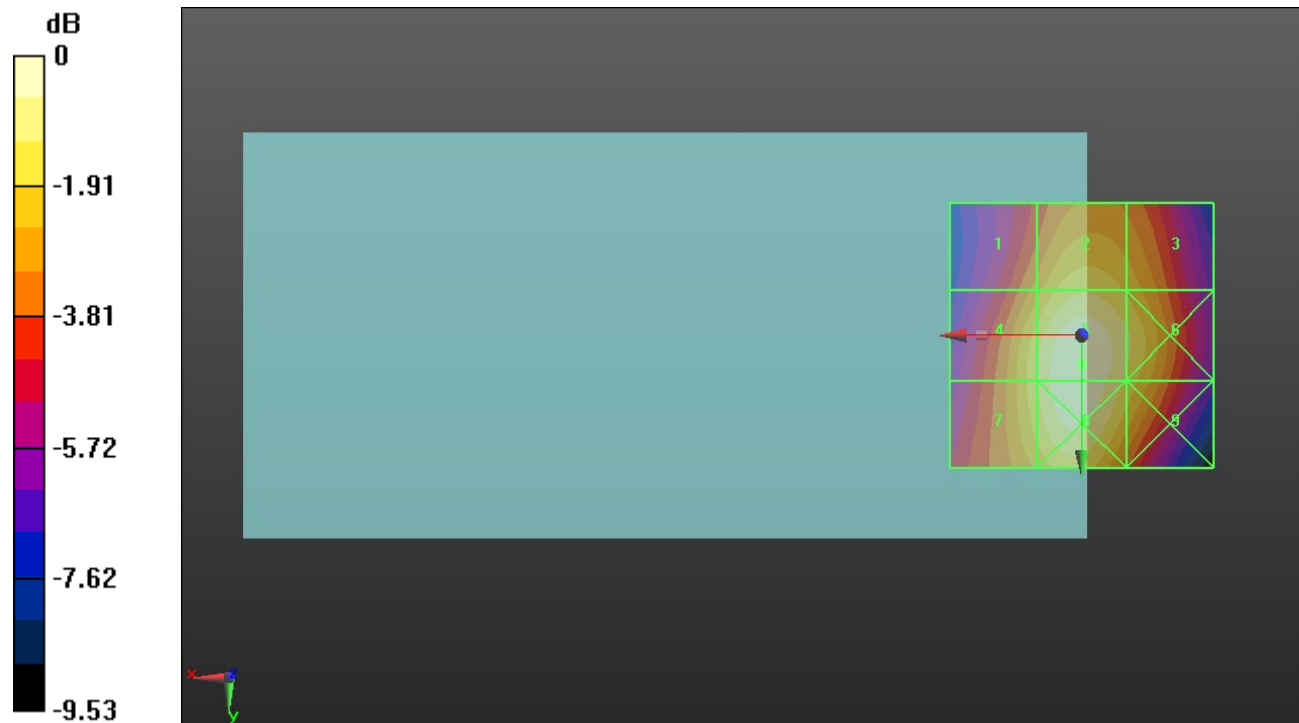
Applied MIF = 3.63 dB

RF audio interference level = 40.25 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.46 dBV/m	Grid 2 M4 38.93 dBV/m	Grid 3 M4 38.27 dBV/m
Grid 4 M4 38.92 dBV/m	Grid 5 M3 40.25 dBV/m	Grid 6 M4 39.16 dBV/m
Grid 7 M4 38.89 dBV/m	Grid 8 M3 40.19 dBV/m	Grid 9 M4 38.85 dBV/m



0 dB = 102.9 V/m = 40.25 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 128.6 V/m; Power Drift = -0.02 dB

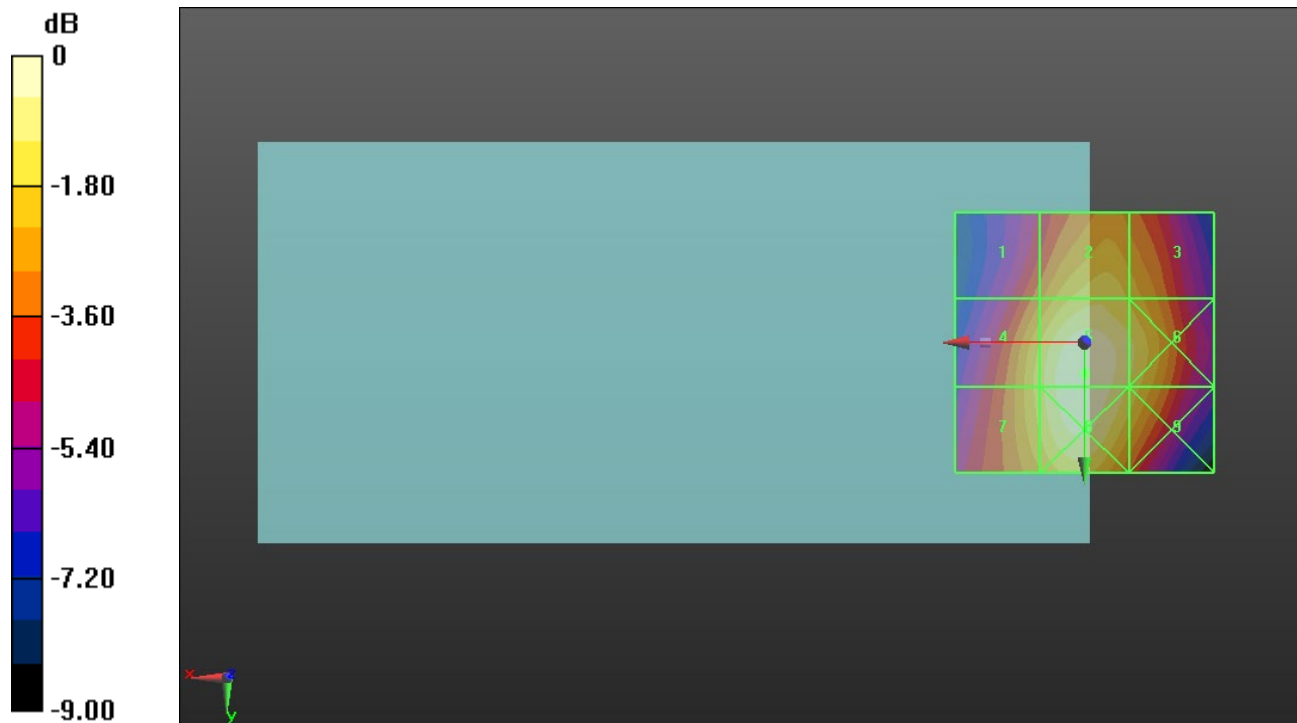
Applied MIF = 3.63 dB

RF audio interference level = 40.49 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.38 dBV/m	Grid 2 M4 39.21 dBV/m	Grid 3 M4 38.61 dBV/m
Grid 4 M4 39.08 dBV/m	Grid 5 M3 40.49 dBV/m	Grid 6 M4 39.51 dBV/m
Grid 7 M4 39.06 dBV/m	Grid 8 M3 40.44 dBV/m	Grid 9 M4 39.23 dBV/m



0 dB = 105.8 V/m = 40.49 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 135.8 V/m; Power Drift = -0.05 dB

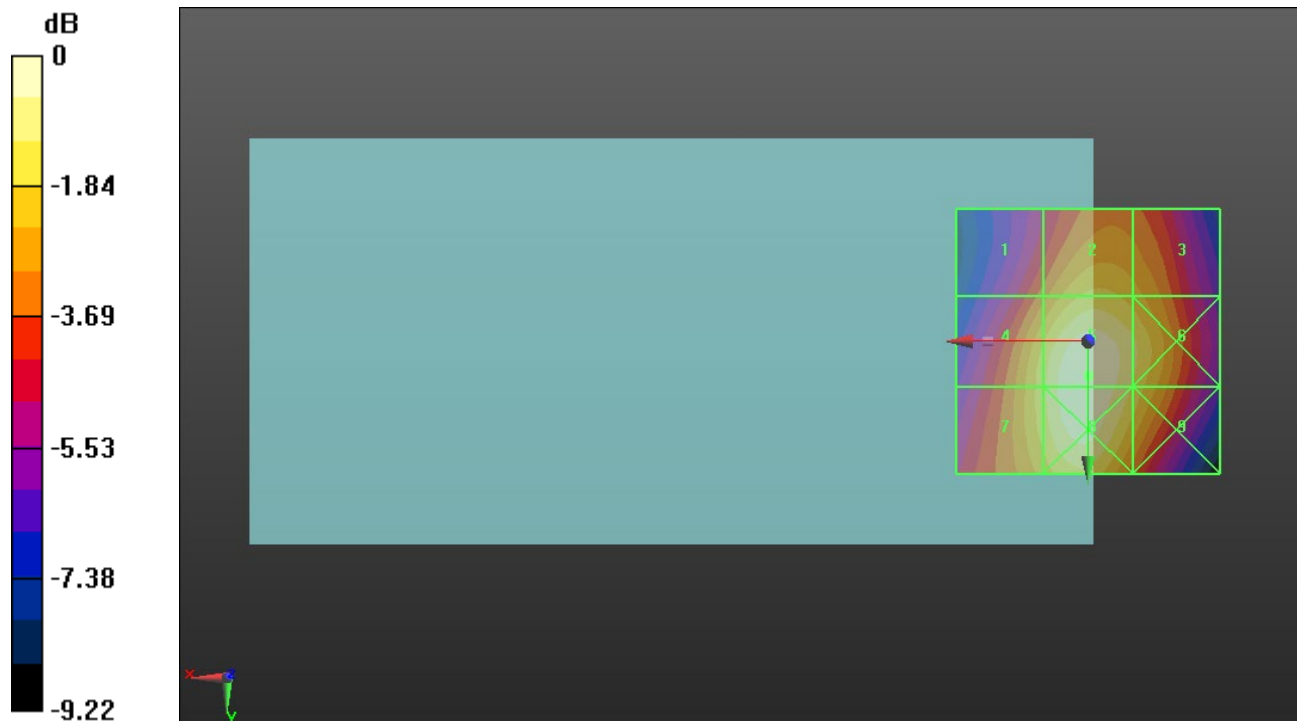
Applied MIF = 3.63 dB

RF audio interference level = 41.06 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.76 dBV/m	Grid 2 M4 39.44 dBV/m	Grid 3 M4 38.94 dBV/m
Grid 4 M4 39.66 dBV/m	Grid 5 M3 41.06 dBV/m	Grid 6 M4 39.99 dBV/m
Grid 7 M4 39.66 dBV/m	Grid 8 M3 41.04 dBV/m	Grid 9 M4 39.74 dBV/m



0 dB = 112.9 V/m = 41.05 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 20.32 V/m; Power Drift = 0.04 dB

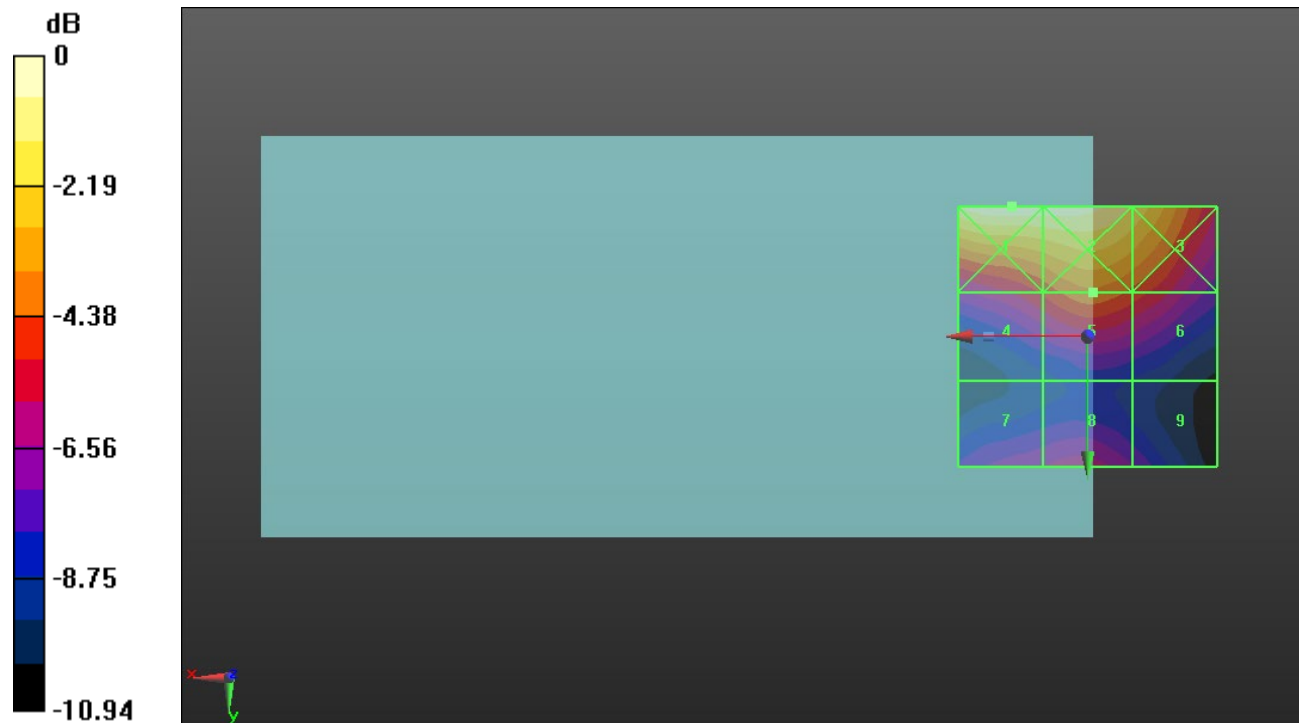
Applied MIF = 3.63 dB

RF audio interference level = 29.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.28 dBV/m	Grid 2 M3 33.15 dBV/m	Grid 3 M3 31.79 dBV/m
Grid 4 M4 28.34 dBV/m	Grid 5 M4 29.43 dBV/m	Grid 6 M4 28.7 dBV/m
Grid 7 M4 26.72 dBV/m	Grid 8 M4 27.17 dBV/m	Grid 9 M4 26.16 dBV/m



0 dB = 46.11 V/m = 33.28 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 21.21 V/m; Power Drift = -0.01 dB

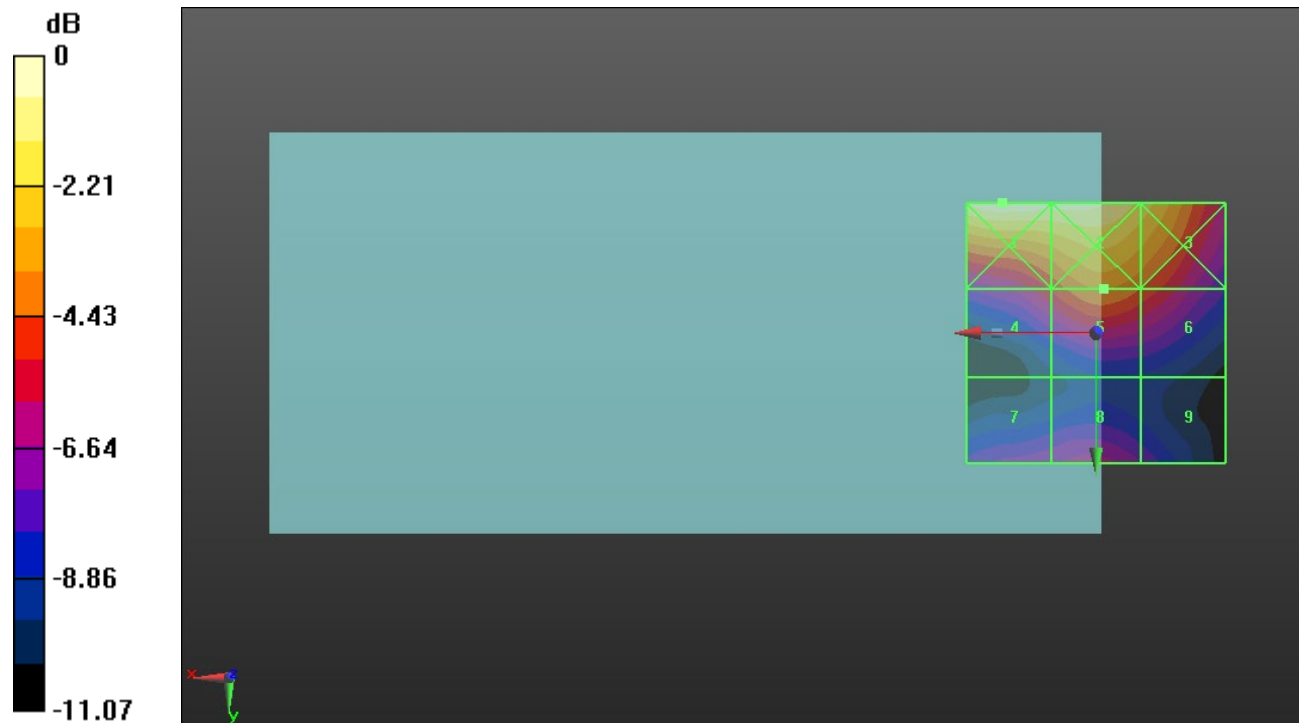
Applied MIF = 3.63 dB

RF audio interference level = 29.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.28 dBV/m	Grid 2 M3 33.07 dBV/m	Grid 3 M3 31.62 dBV/m
Grid 4 M4 28.25 dBV/m	Grid 5 M4 29.65 dBV/m	Grid 6 M4 28.86 dBV/m
Grid 7 M4 26.55 dBV/m	Grid 8 M4 27 dBV/m	Grid 9 M4 26.01 dBV/m



0 dB = 46.14 V/m = 33.28 dBV/m

HAC-RF Emission ANT2

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 23.40 V/m; Power Drift = -0.01 dB

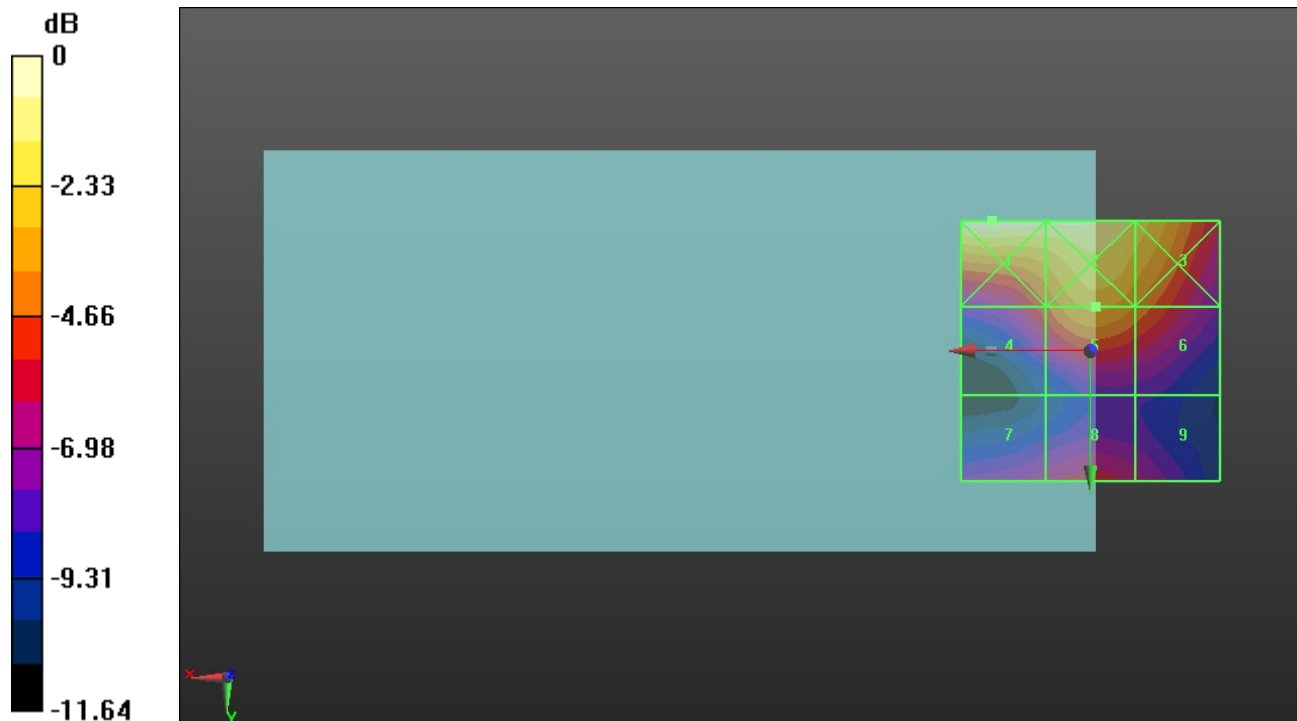
Applied MIF = 3.63 dB

RF audio interference level = 30.16 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.06 dBV/m	Grid 2 M3 32.6 dBV/m	Grid 3 M3 31.4 dBV/m
Grid 4 M4 28.31 dBV/m	Grid 5 M3 30.16 dBV/m	Grid 6 M4 29.16 dBV/m
Grid 7 M4 26.58 dBV/m	Grid 8 M4 27.33 dBV/m	Grid 9 M4 26.57 dBV/m



0 dB = 44.95 V/m = 33.05 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 24.61 V/m; Power Drift = -0.14 dB

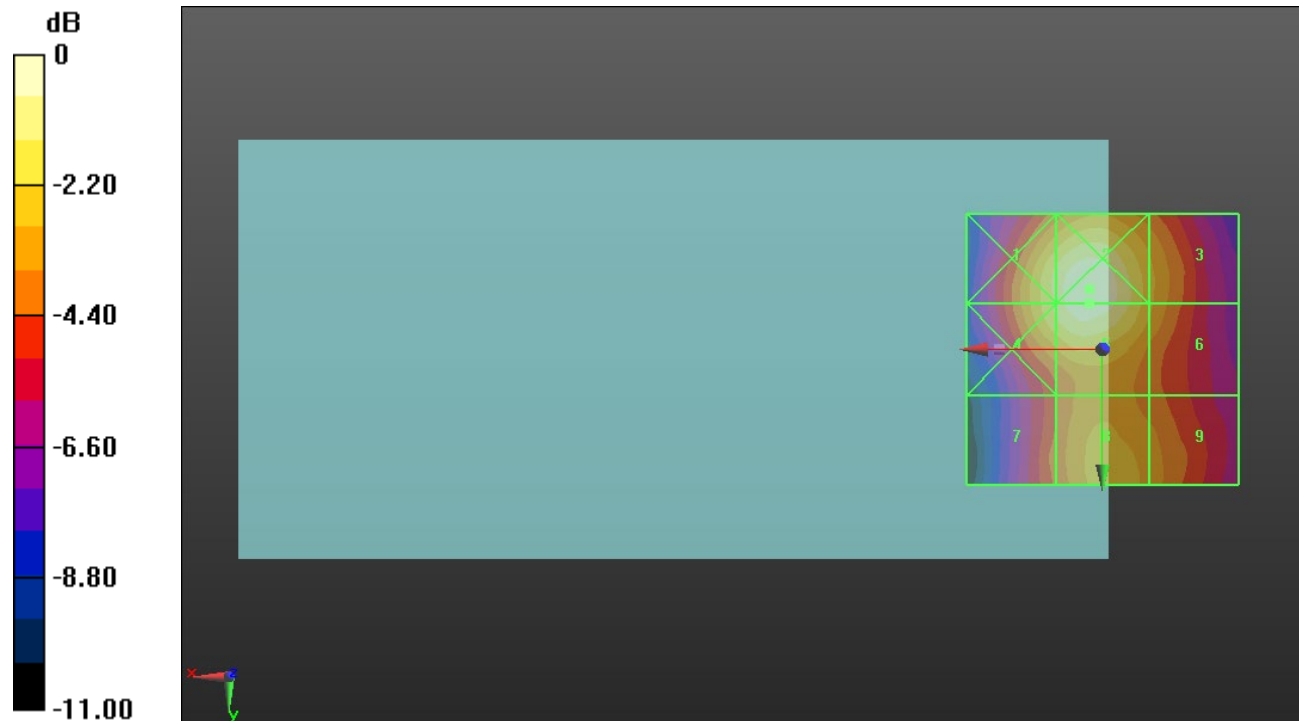
Applied MIF = -1.44 dB

RF audio interference level = 25.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.66 dBV/m	Grid 2 M4 25.8 dBV/m	Grid 3 M4 23.24 dBV/m
Grid 4 M4 24.59 dBV/m	Grid 5 M4 25.66 dBV/m	Grid 6 M4 23.15 dBV/m
Grid 7 M4 21.81 dBV/m	Grid 8 M4 23.4 dBV/m	Grid 9 M4 22.61 dBV/m



0 dB = 19.51 V/m = 25.81 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 24.90 V/m; Power Drift = 0.06 dB

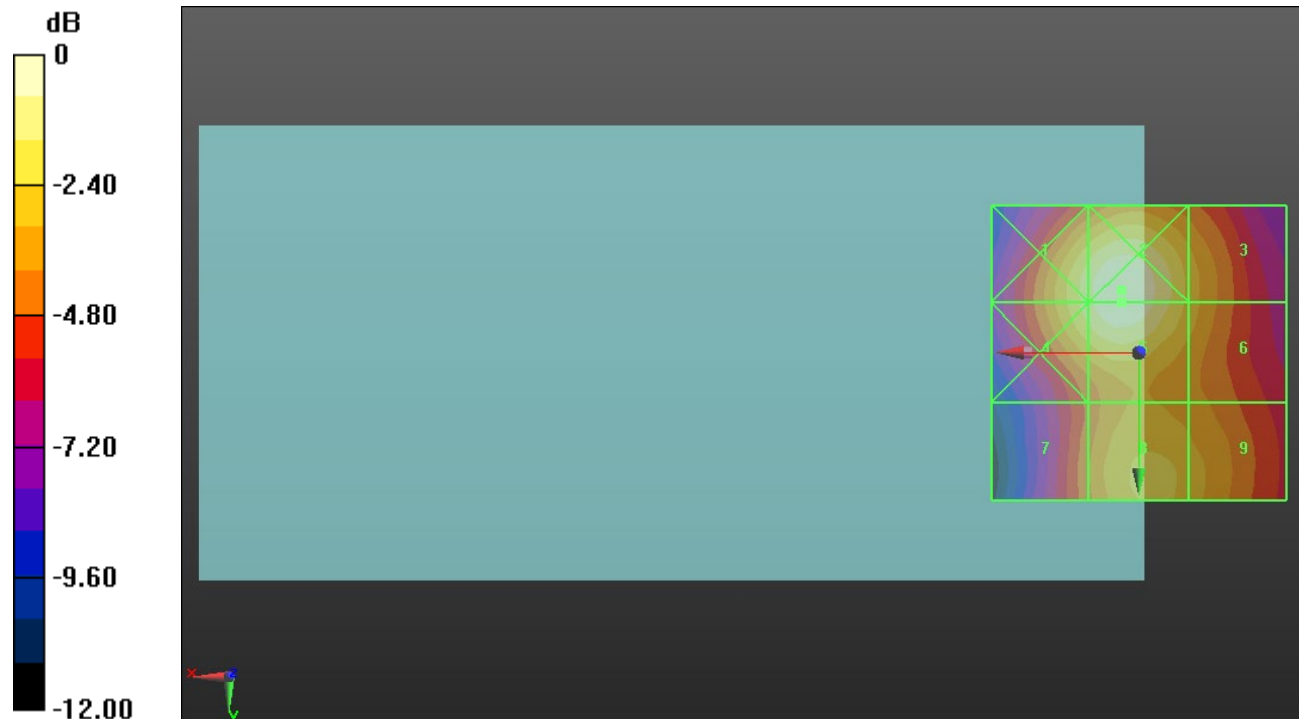
Applied MIF = -1.44 dB

RF audio interference level = 25.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.82 dBV/m	Grid 2 M4 25.85 dBV/m	Grid 3 M4 23.23 dBV/m
Grid 4 M4 24.77 dBV/m	Grid 5 M4 25.77 dBV/m	Grid 6 M4 23.19 dBV/m
Grid 7 M4 21.83 dBV/m	Grid 8 M4 23.7 dBV/m	Grid 9 M4 23.12 dBV/m



0 dB = 19.61 V/m = 25.85 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 27.86 V/m; Power Drift = -0.17 dB

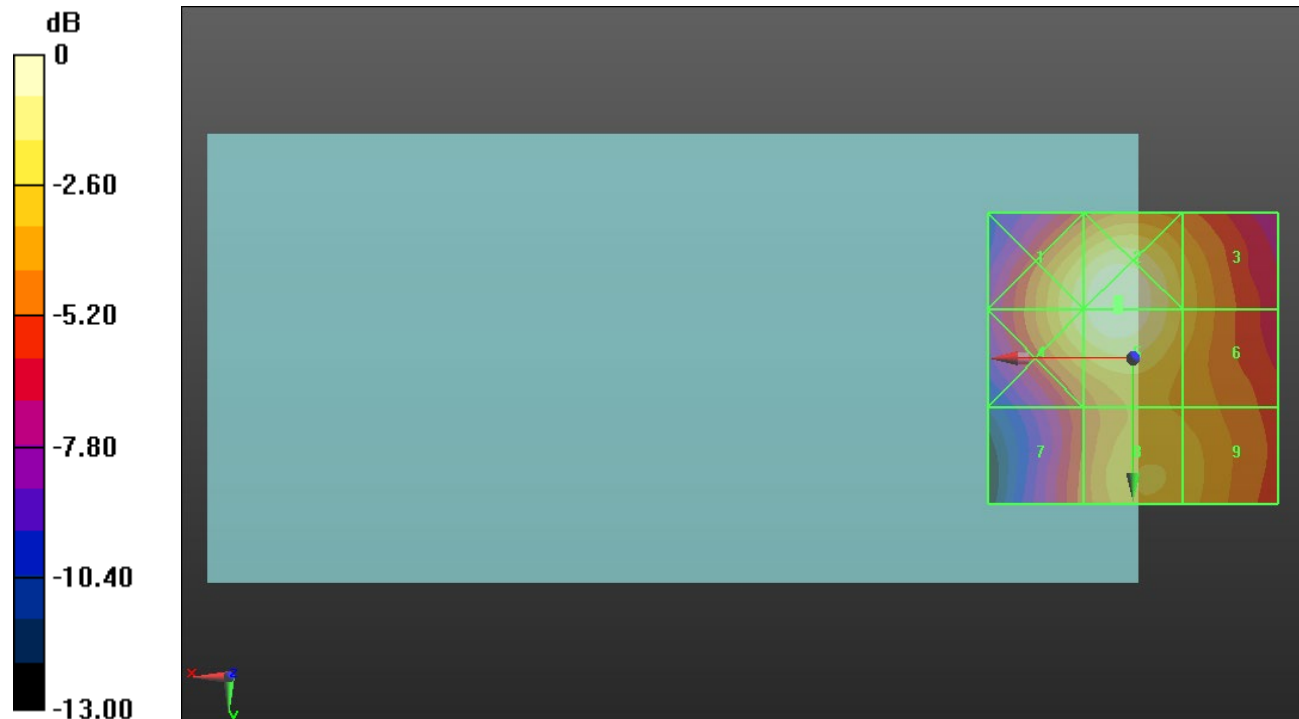
Applied MIF = -1.44 dB

RF audio interference level = 26.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.19 dBV/m	Grid 2 M4 26.23 dBV/m	Grid 3 M4 23.57 dBV/m
Grid 4 M4 25.18 dBV/m	Grid 5 M4 26.19 dBV/m	Grid 6 M4 23.56 dBV/m
Grid 7 M4 21.44 dBV/m	Grid 8 M4 23.72 dBV/m	Grid 9 M4 23.33 dBV/m



0 dB = 20.49 V/m = 26.23 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 28.04 V/m; Power Drift = 0.03 dB

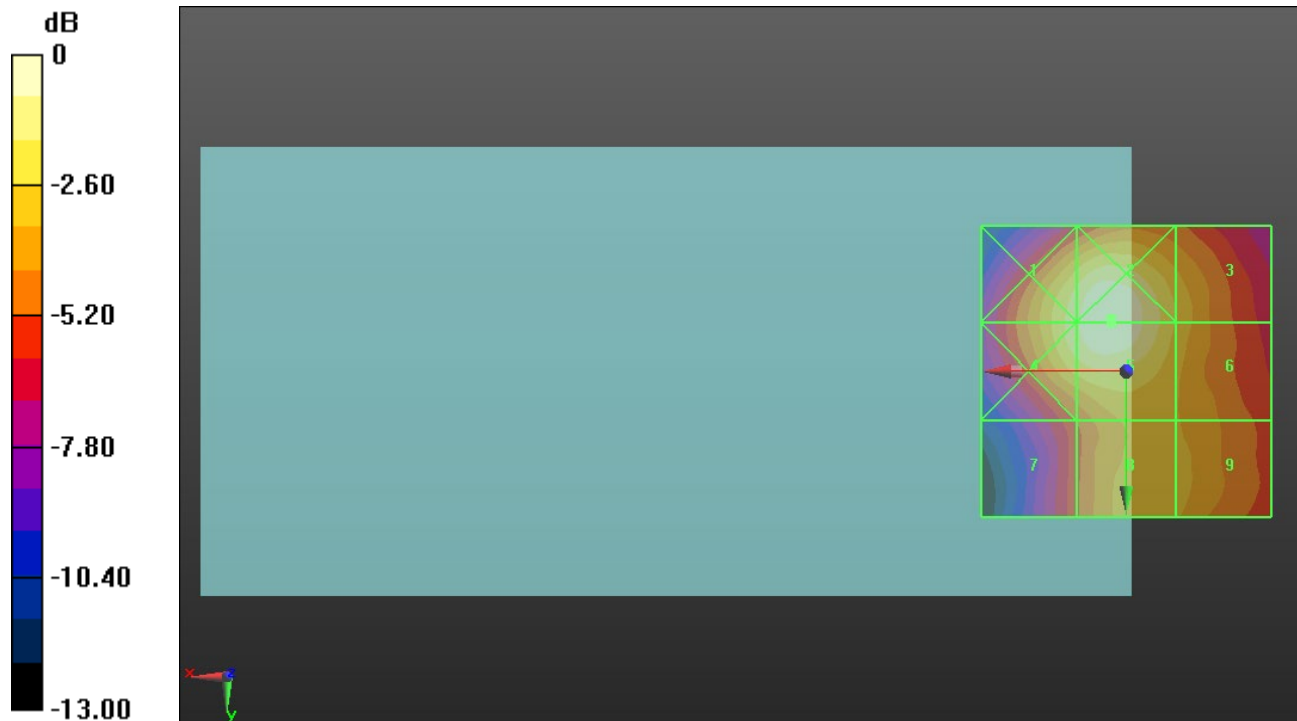
Applied MIF = -1.44 dB

RF audio interference level = 26.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.31 dBV/m	Grid 2 M4 26.32 dBV/m	Grid 3 M4 23.73 dBV/m
Grid 4 M4 25.32 dBV/m	Grid 5 M4 26.31 dBV/m	Grid 6 M4 23.7 dBV/m
Grid 7 M4 21.19 dBV/m	Grid 8 M4 23.46 dBV/m	Grid 9 M4 23.2 dBV/m



0 dB = 20.71 V/m = 26.32 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 27.36 V/m; Power Drift = 0.13 dB

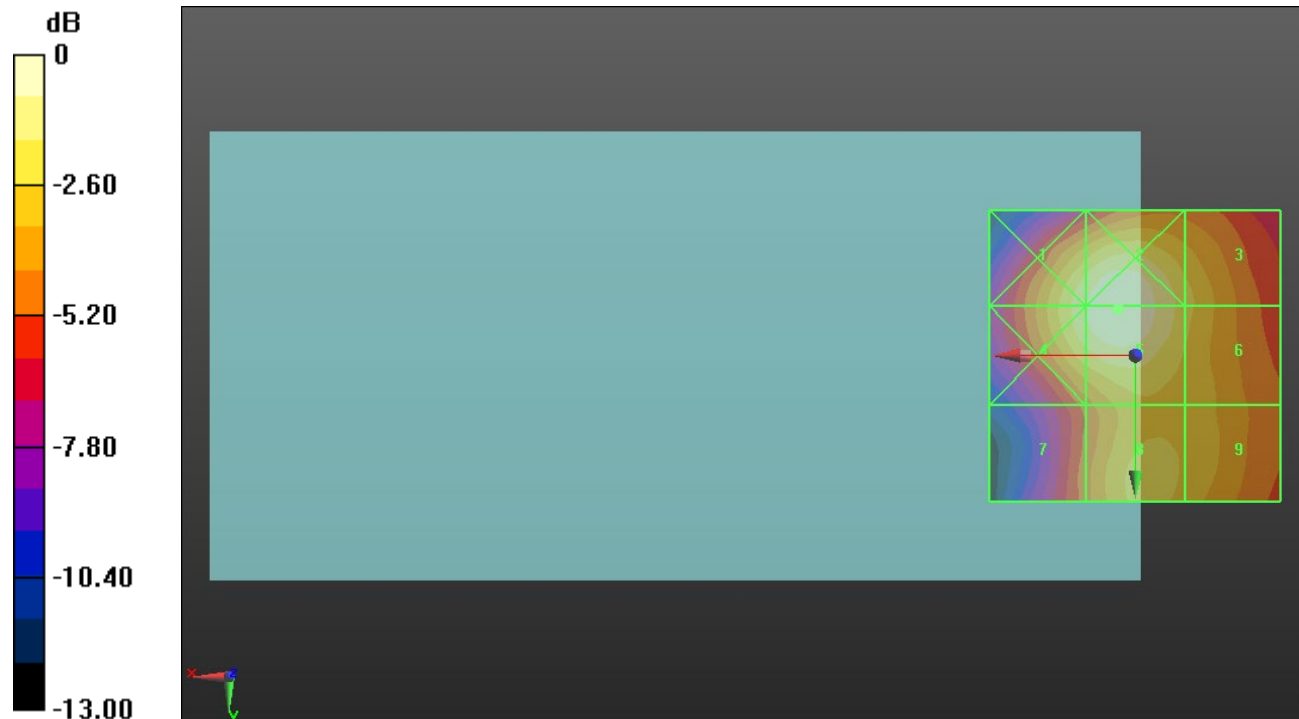
Applied MIF = -1.44 dB

RF audio interference level = 25.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.56 dBV/m	Grid 2 M4 25.43 dBV/m	Grid 3 M4 23.24 dBV/m
Grid 4 M4 24.57 dBV/m	Grid 5 M4 25.43 dBV/m	Grid 6 M4 23.24 dBV/m
Grid 7 M4 20.82 dBV/m	Grid 8 M4 23.21 dBV/m	Grid 9 M4 22.74 dBV/m



0 dB = 18.69 V/m = 25.43 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 27.91 V/m; Power Drift = -0.10 dB

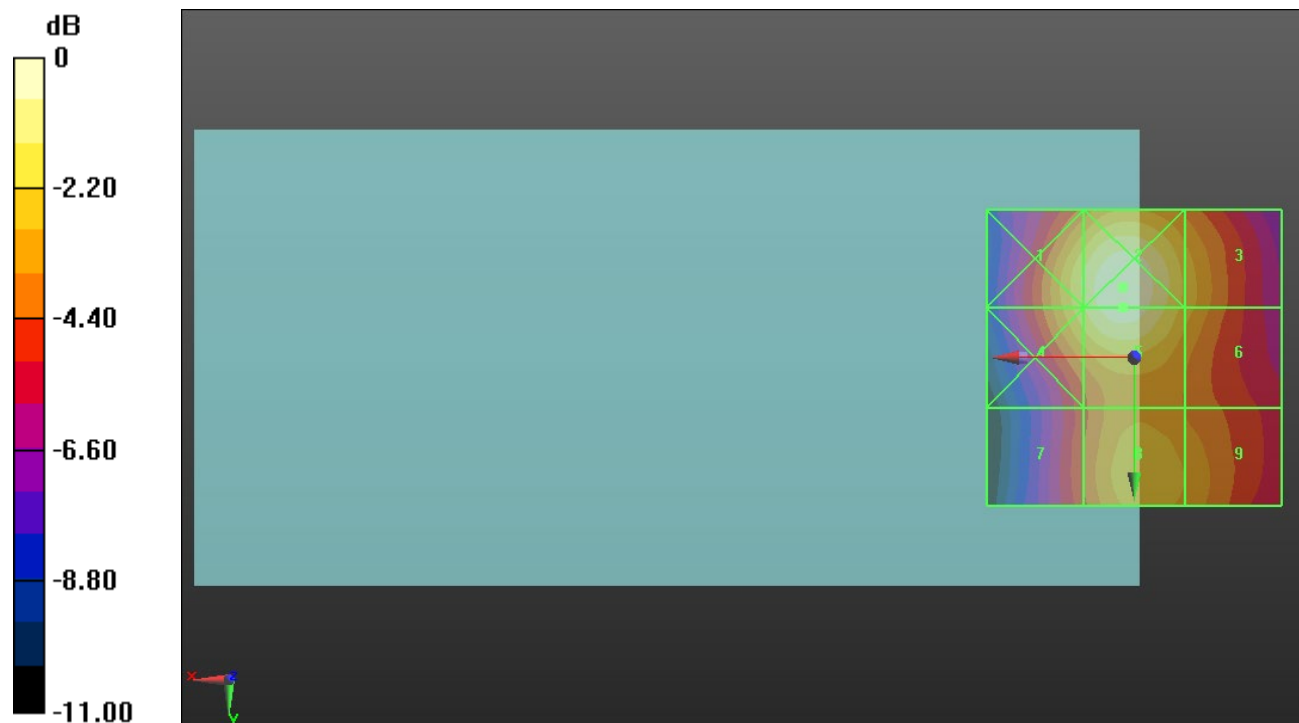
Applied MIF = -1.44 dB

RF audio interference level = 26.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.91 dBV/m	Grid 2 M4 27.19 dBV/m	Grid 3 M4 24.89 dBV/m
Grid 4 M4 25.7 dBV/m	Grid 5 M4 26.95 dBV/m	Grid 6 M4 24.74 dBV/m
Grid 7 M4 22.9 dBV/m	Grid 8 M4 24.85 dBV/m	Grid 9 M4 24.26 dBV/m



0 dB = 22.87 V/m = 27.19 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 28.85 V/m; Power Drift = -0.05 dB

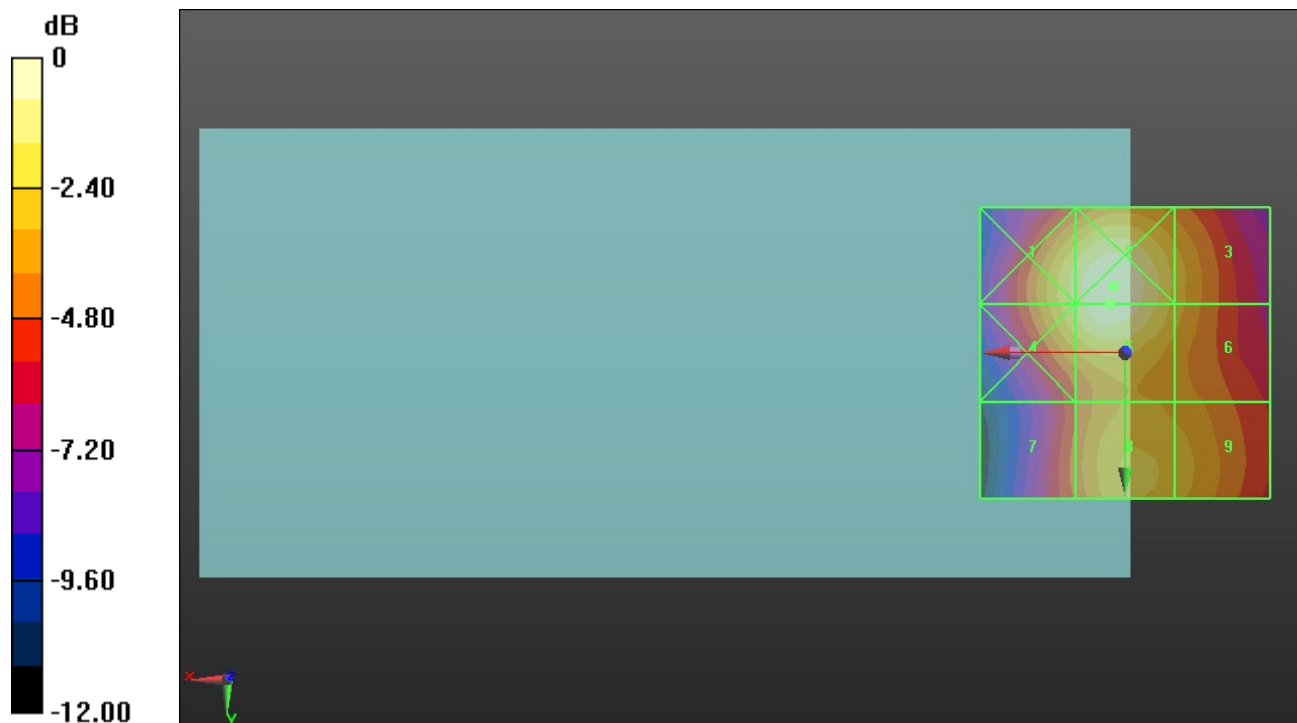
Applied MIF = -1.44 dB

RF audio interference level = 27.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.17 dBV/m	Grid 2 M4 27.36 dBV/m	Grid 3 M4 24.8 dBV/m
Grid 4 M4 26.05 dBV/m	Grid 5 M4 27.21 dBV/m	Grid 6 M4 24.7 dBV/m
Grid 7 M4 23 dBV/m	Grid 8 M4 25.17 dBV/m	Grid 9 M4 24.68 dBV/m



0 dB = 23.33 V/m = 27.36 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 31.02 V/m; Power Drift = 0.16 dB

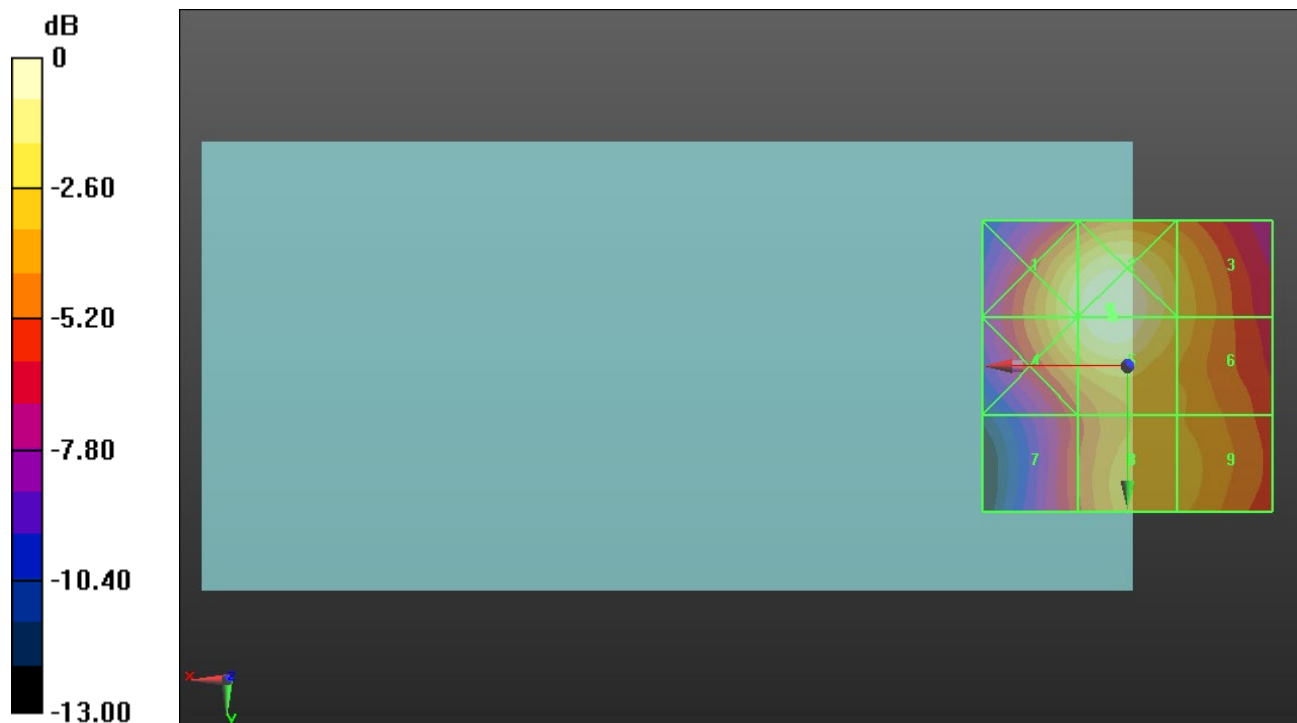
Applied MIF = -1.44 dB

RF audio interference level = 27.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.78 dBV/m	Grid 2 M4 27.84 dBV/m	Grid 3 M4 25.3 dBV/m
Grid 4 M4 26.72 dBV/m	Grid 5 M4 27.77 dBV/m	Grid 6 M4 25.28 dBV/m
Grid 7 M4 22.64 dBV/m	Grid 8 M4 25.21 dBV/m	Grid 9 M4 25 dBV/m



0 dB = 24.66 V/m = 27.84 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 33.12 V/m; Power Drift = -0.16 dB

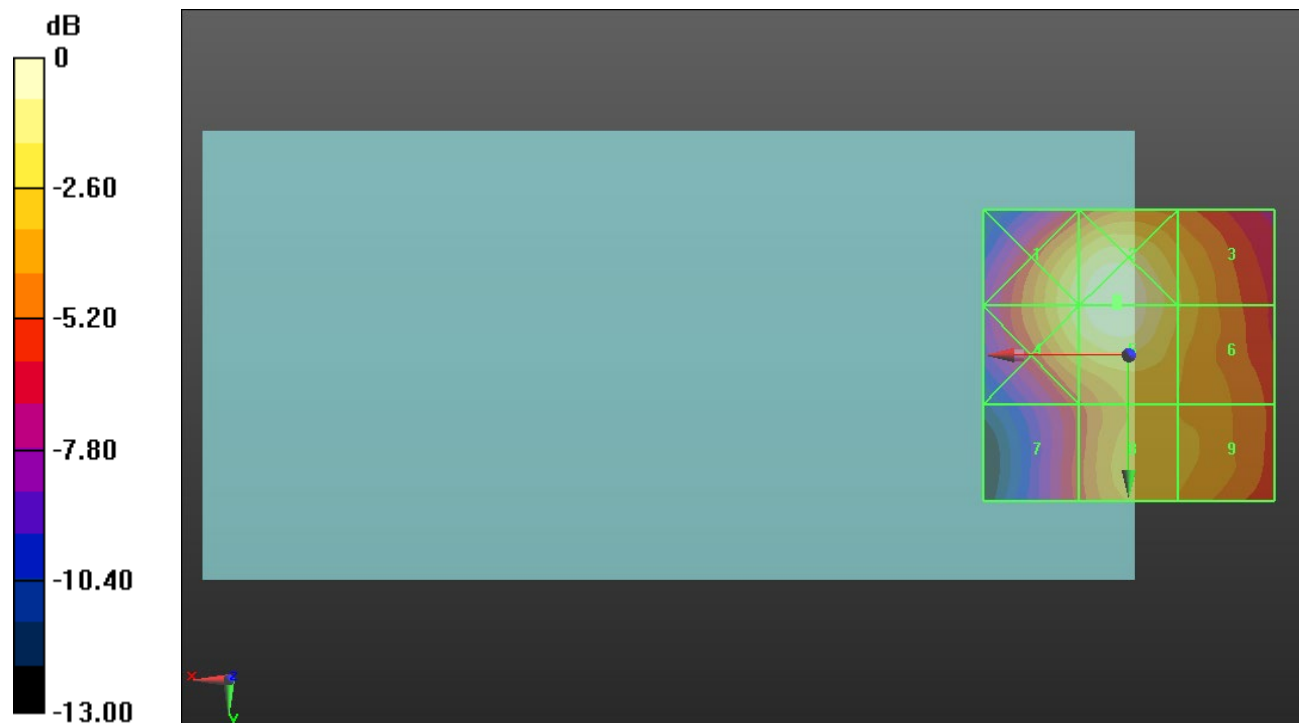
Applied MIF = -1.44 dB

RF audio interference level = 27.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.77 dBV/m	Grid 2 M4 27.92 dBV/m	Grid 3 M4 25.48 dBV/m
Grid 4 M4 26.76 dBV/m	Grid 5 M4 27.91 dBV/m	Grid 6 M4 25.46 dBV/m
Grid 7 M4 22.49 dBV/m	Grid 8 M4 25.21 dBV/m	Grid 9 M4 24.92 dBV/m



0 dB = 24.88 V/m = 27.92 dBV/m

HAC-RF Emission ANT2

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 32.91 V/m; Power Drift = -0.11 dB

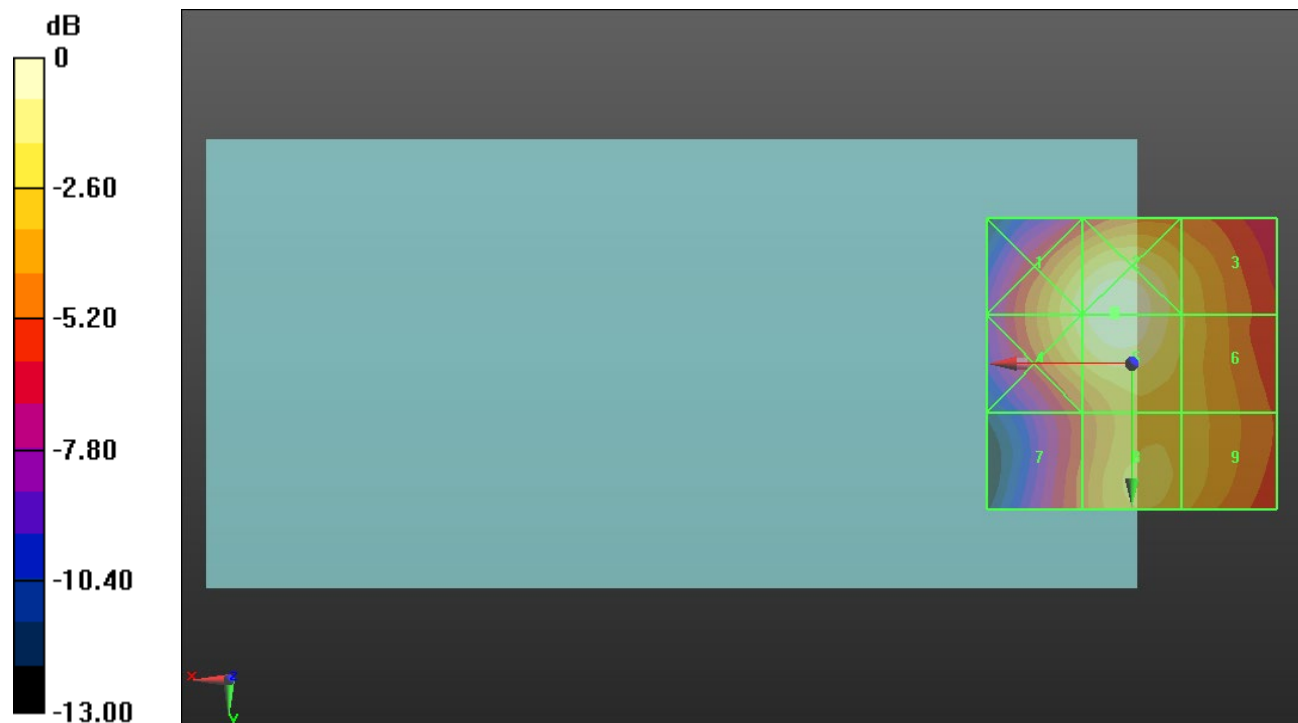
Applied MIF = -1.44 dB

RF audio interference level = 27.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.31 dBV/m	Grid 2 M4 27.4 dBV/m	Grid 3 M4 24.97 dBV/m
Grid 4 M4 26.3 dBV/m	Grid 5 M4 27.38 dBV/m	Grid 6 M4 24.98 dBV/m
Grid 7 M4 22.68 dBV/m	Grid 8 M4 25.15 dBV/m	Grid 9 M4 24.65 dBV/m



0 dB = 23.43 V/m = 27.40 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.97 V/m; Power Drift = -0.01 dB

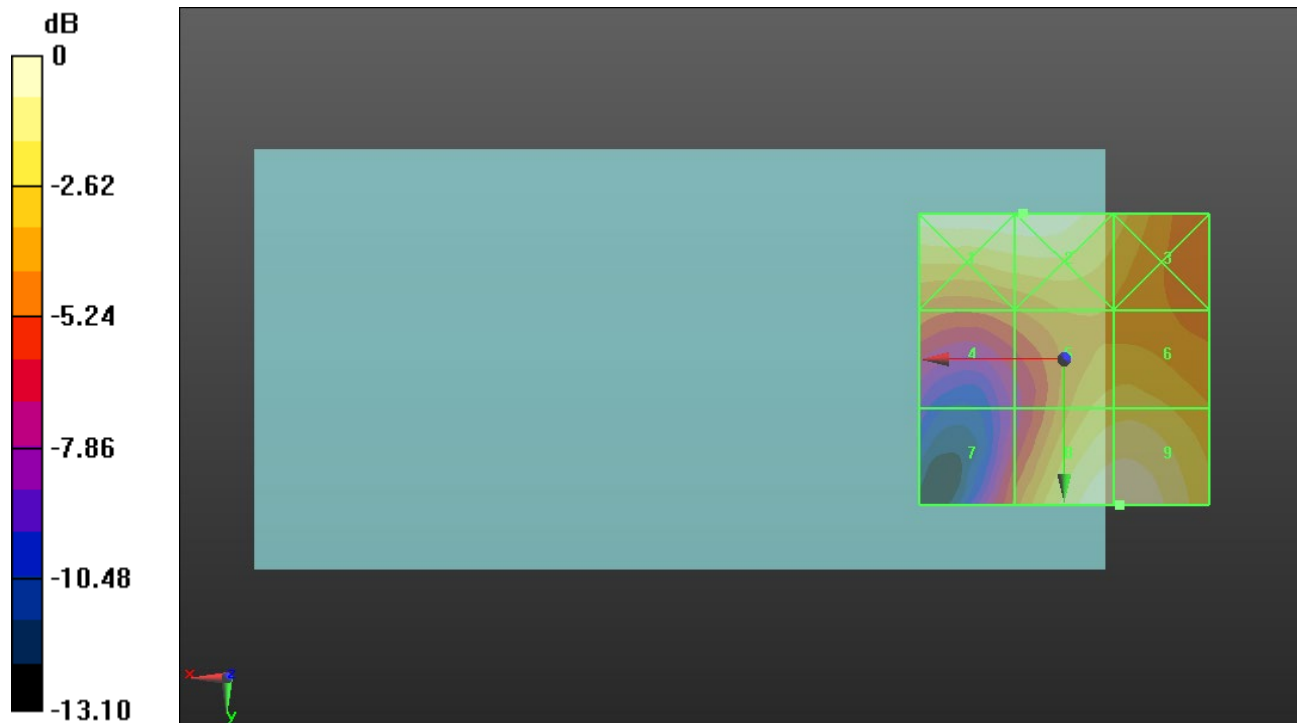
Applied MIF = 3.63 dB

RF audio interference level = 28.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.61 dBV/m	Grid 2 M4 28.63 dBV/m	Grid 3 M4 26.61 dBV/m
Grid 4 M4 24.21 dBV/m	Grid 5 M4 26.53 dBV/m	Grid 6 M4 26.61 dBV/m
Grid 7 M4 23.76 dBV/m	Grid 8 M4 28.33 dBV/m	Grid 9 M4 28.33 dBV/m



0 dB = 27.00 V/m = 28.63 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 14.37 V/m; Power Drift = -0.10 dB

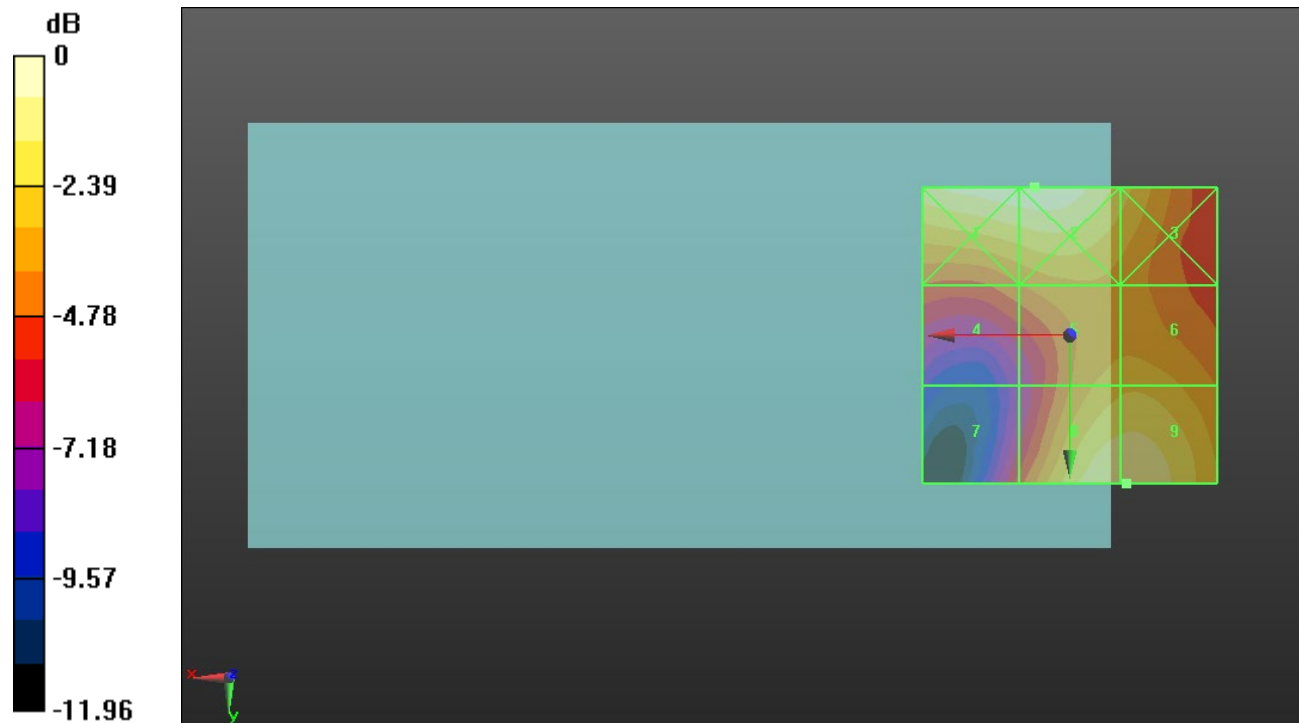
Applied MIF = 3.63 dB

RF audio interference level = 28.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.94 dBV/m	Grid 2 M4 29.01 dBV/m	Grid 3 M4 27.09 dBV/m
Grid 4 M4 24.95 dBV/m	Grid 5 M4 26.39 dBV/m	Grid 6 M4 26.48 dBV/m
Grid 7 M4 23.93 dBV/m	Grid 8 M4 28.25 dBV/m	Grid 9 M4 28.26 dBV/m



0 dB = 28.22 V/m = 29.01 dBV/m

HAC-RF Emission ANT3

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.28 V/m; Power Drift = 0.01 dB

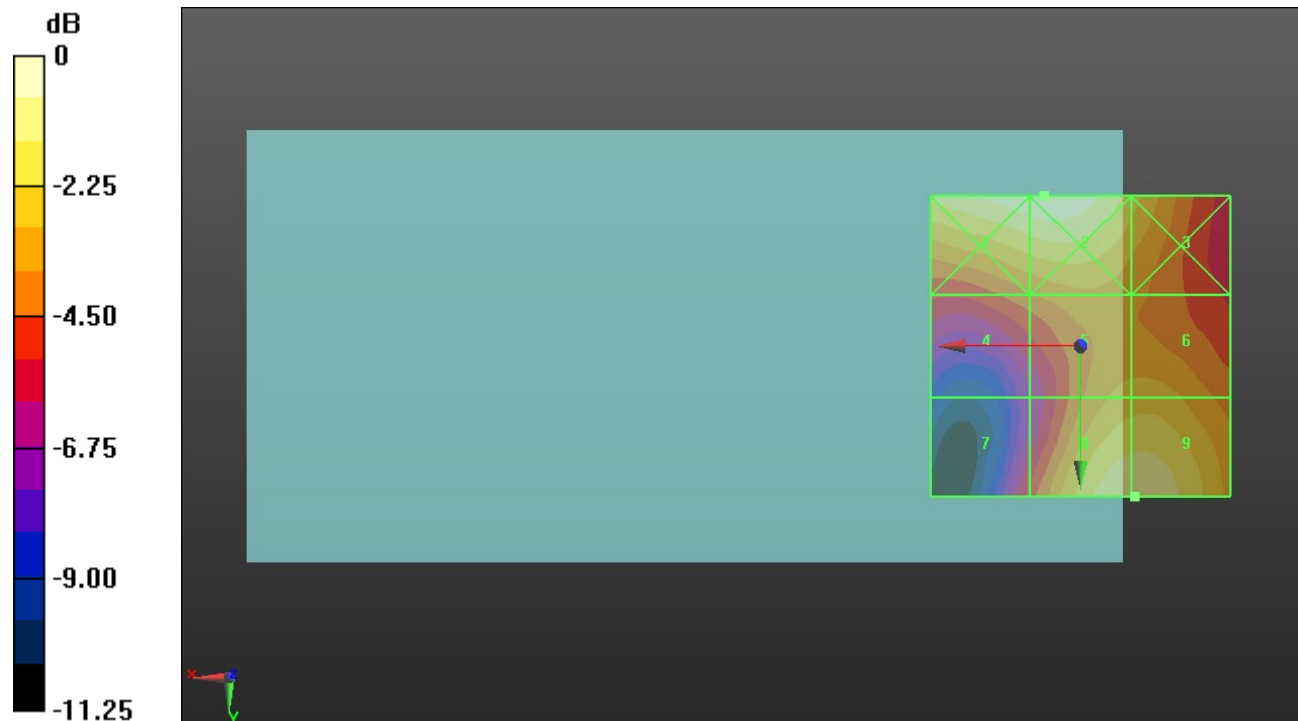
Applied MIF = 3.63 dB

RF audio interference level = 28.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.22 dBV/m	Grid 2 M4 29.33 dBV/m	Grid 3 M4 27.46 dBV/m
Grid 4 M4 25.47 dBV/m	Grid 5 M4 26.69 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M4 24.44 dBV/m	Grid 8 M4 28.41 dBV/m	Grid 9 M4 28.42 dBV/m



0 dB = 29.26 V/m = 29.33 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.53 V/m; Power Drift = -0.00 dB

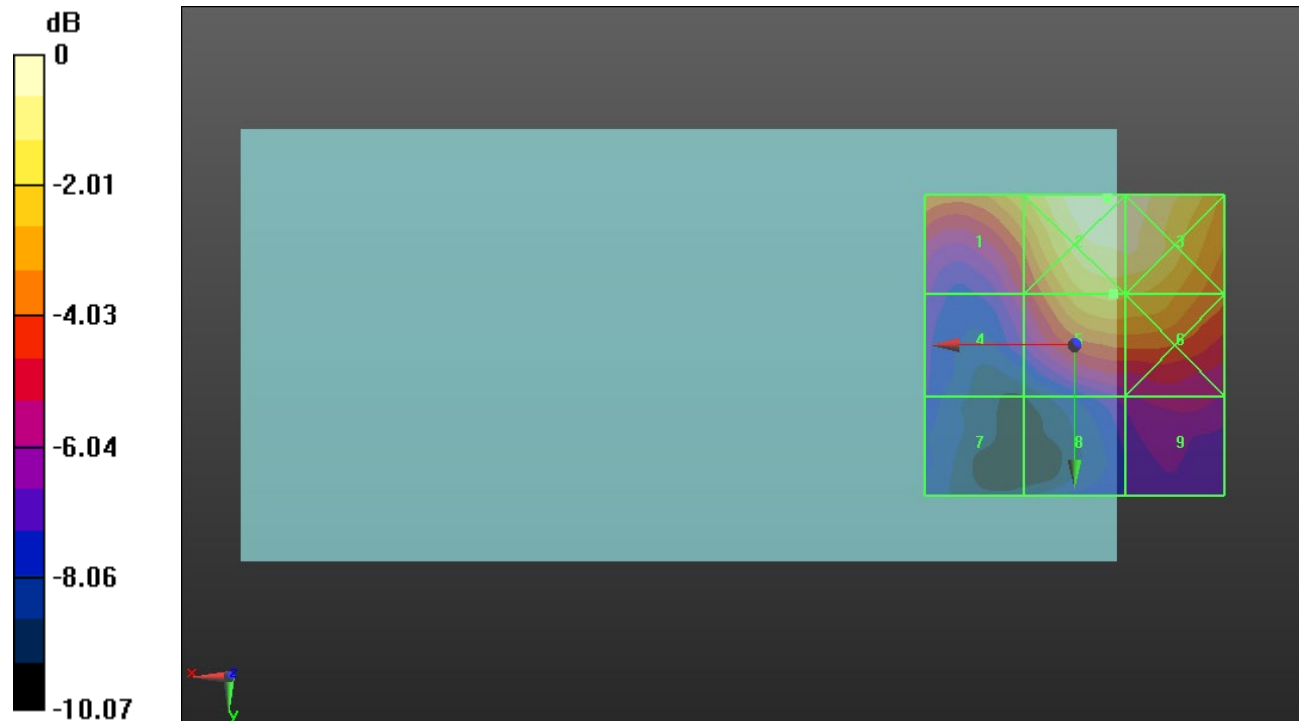
Applied MIF = -1.44 dB

RF audio interference level = 20.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.82 dBV/m	Grid 2 M4 21.83 dBV/m	Grid 3 M4 21.69 dBV/m
Grid 4 M4 16.6 dBV/m	Grid 5 M4 20.01 dBV/m	Grid 6 M4 19.92 dBV/m
Grid 7 M4 14.58 dBV/m	Grid 8 M4 15.55 dBV/m	Grid 9 M4 16.15 dBV/m



0 dB = 12.34 V/m = 21.83 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.51 V/m; Power Drift = 0.18 dB

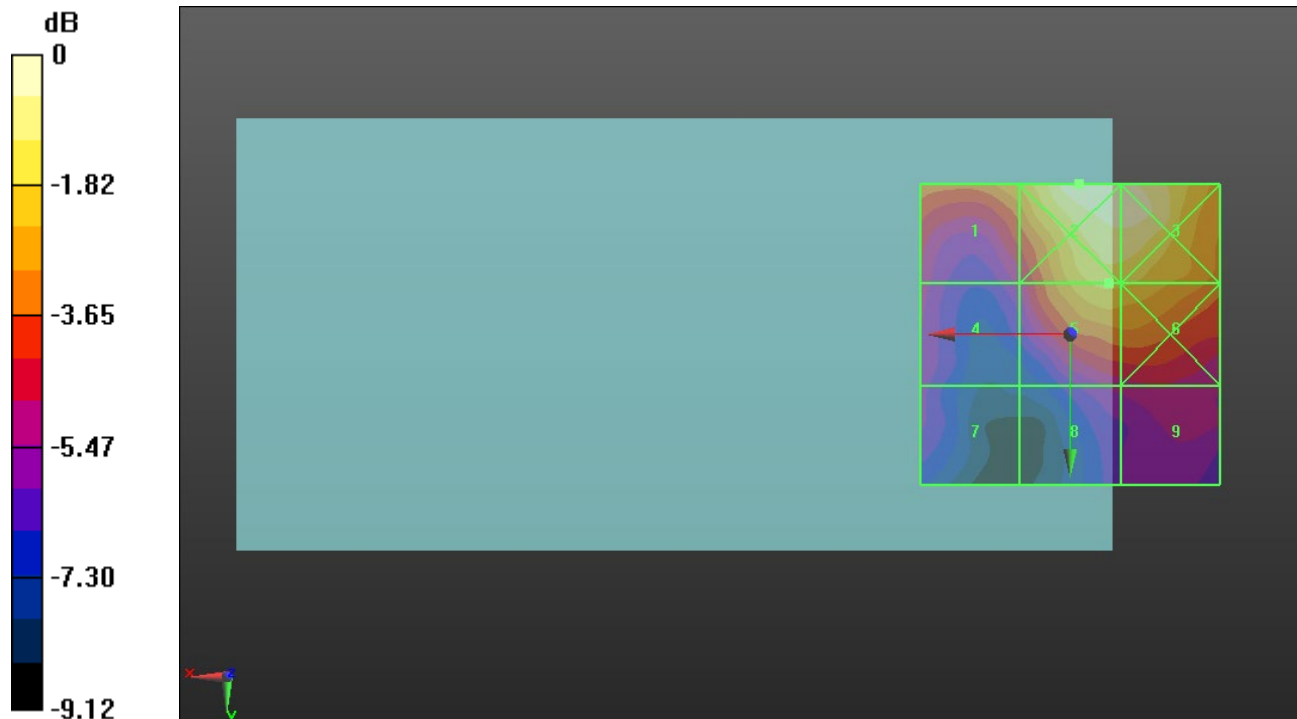
Applied MIF = -1.44 dB

RF audio interference level = 21.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.74 dBV/m	Grid 2 M4 23.01 dBV/m	Grid 3 M4 22.71 dBV/m
Grid 4 M4 18.06 dBV/m	Grid 5 M4 21.37 dBV/m	Grid 6 M4 21.3 dBV/m
Grid 7 M4 17.27 dBV/m	Grid 8 M4 17.85 dBV/m	Grid 9 M4 18.15 dBV/m



0 dB = 14.14 V/m = 23.01 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.95 V/m; Power Drift = 0.16 dB

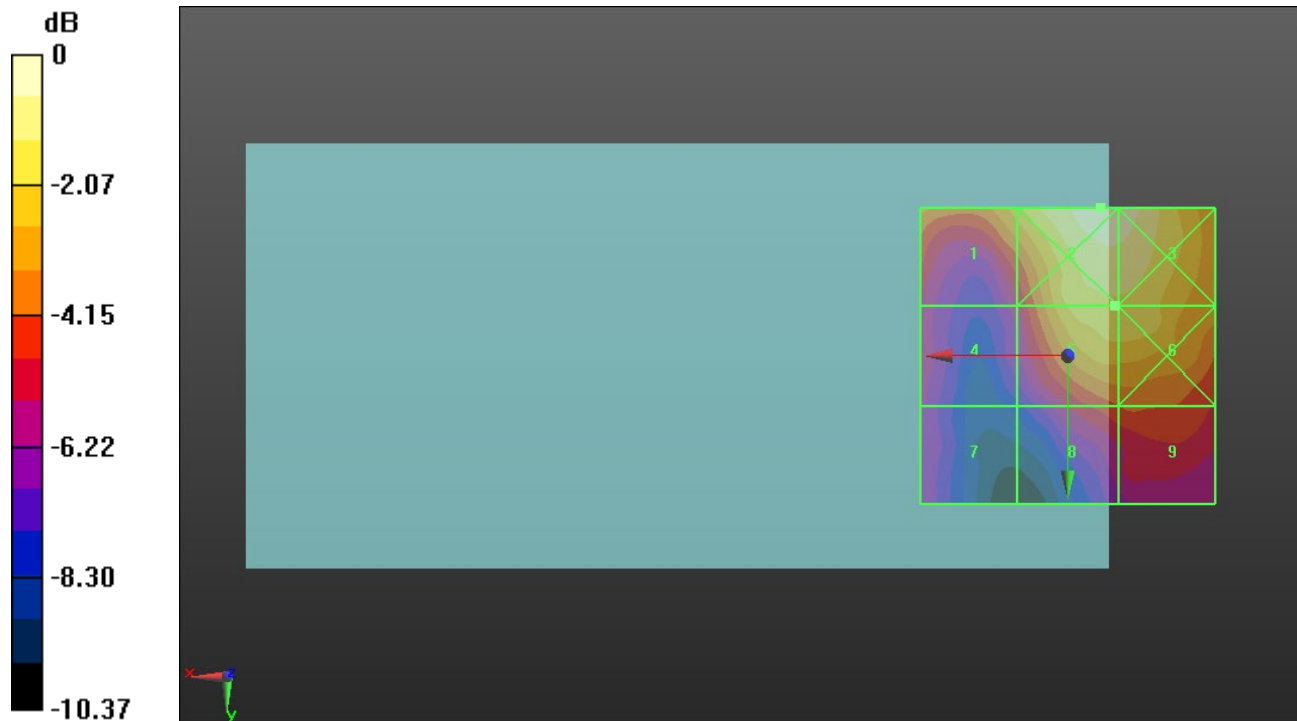
Applied MIF = -1.44 dB

RF audio interference level = 22.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.97 dBV/m	Grid 2 M4 24.29 dBV/m	Grid 3 M4 24.11 dBV/m
Grid 4 M4 18.92 dBV/m	Grid 5 M4 22.82 dBV/m	Grid 6 M4 22.82 dBV/m
Grid 7 M4 18.26 dBV/m	Grid 8 M4 20.13 dBV/m	Grid 9 M4 20.3 dBV/m



0 dB = 16.39 V/m = 24.29 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 17.55 V/m; Power Drift = 0.03 dB

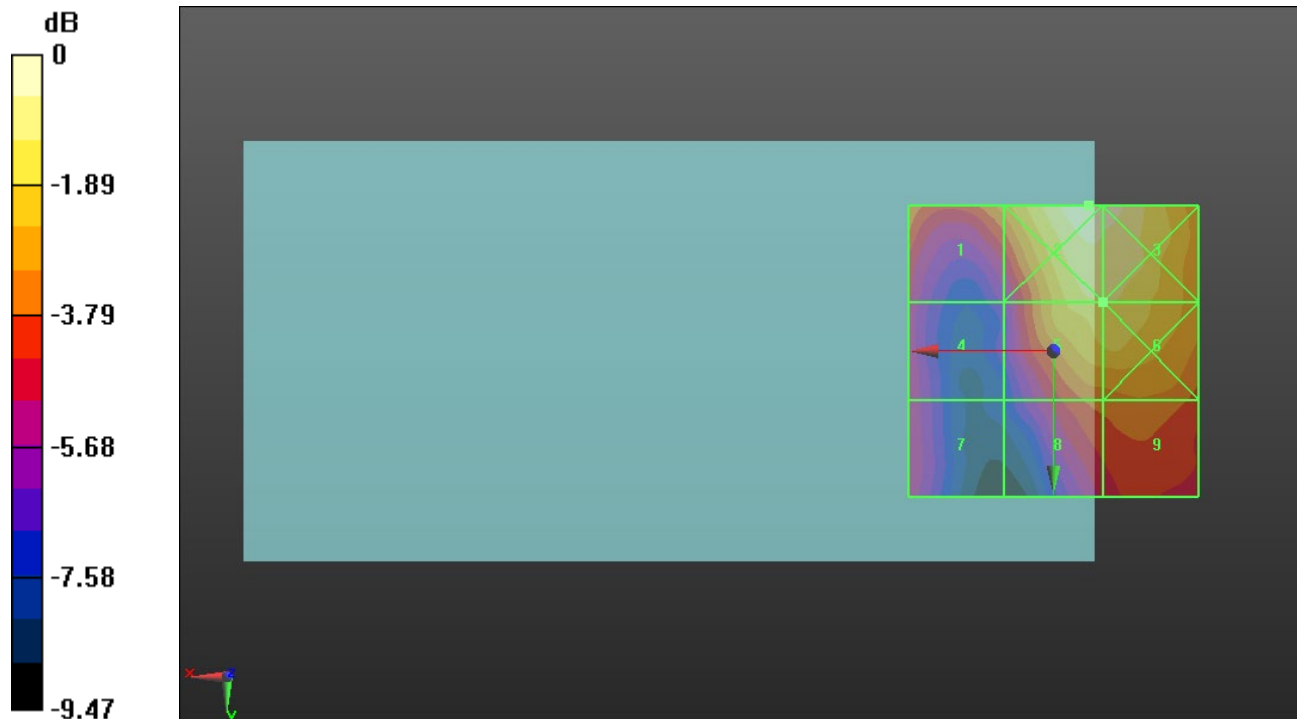
Applied MIF = -1.44 dB

RF audio interference level = 23.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.64 dBV/m	Grid 2 M4 24.4 dBV/m	Grid 3 M4 24.23 dBV/m
Grid 4 M4 19.58 dBV/m	Grid 5 M4 23.15 dBV/m	Grid 6 M4 23.15 dBV/m
Grid 7 M4 19.38 dBV/m	Grid 8 M4 20.93 dBV/m	Grid 9 M4 21.21 dBV/m



0 dB = 16.60 V/m = 24.40 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.85 V/m; Power Drift = 0.09 dB

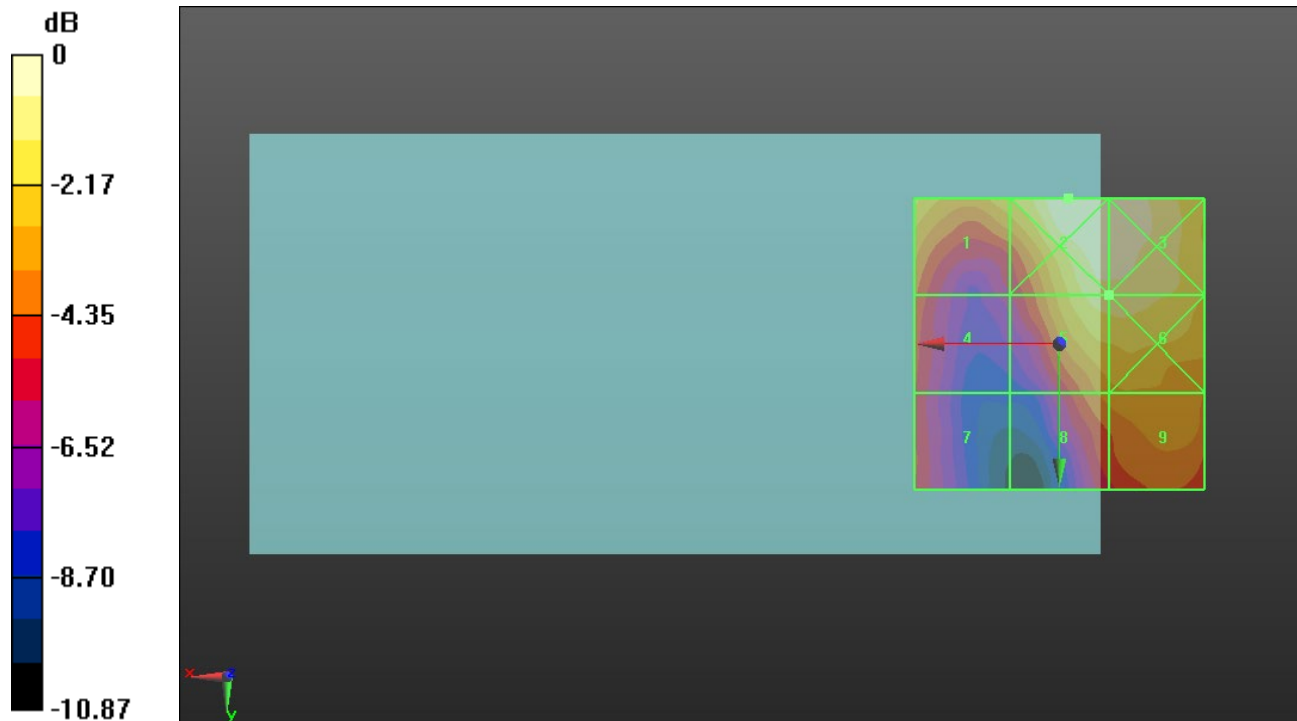
Applied MIF = -1.44 dB

RF audio interference level = 22.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.86 dBV/m	Grid 2 M4 23.68 dBV/m	Grid 3 M4 23.56 dBV/m
Grid 4 M4 19.53 dBV/m	Grid 5 M4 22.66 dBV/m	Grid 6 M4 22.67 dBV/m
Grid 7 M4 18.83 dBV/m	Grid 8 M4 20.41 dBV/m	Grid 9 M4 20.79 dBV/m



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

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 15.17 V/m; Power Drift = -0.13 dB

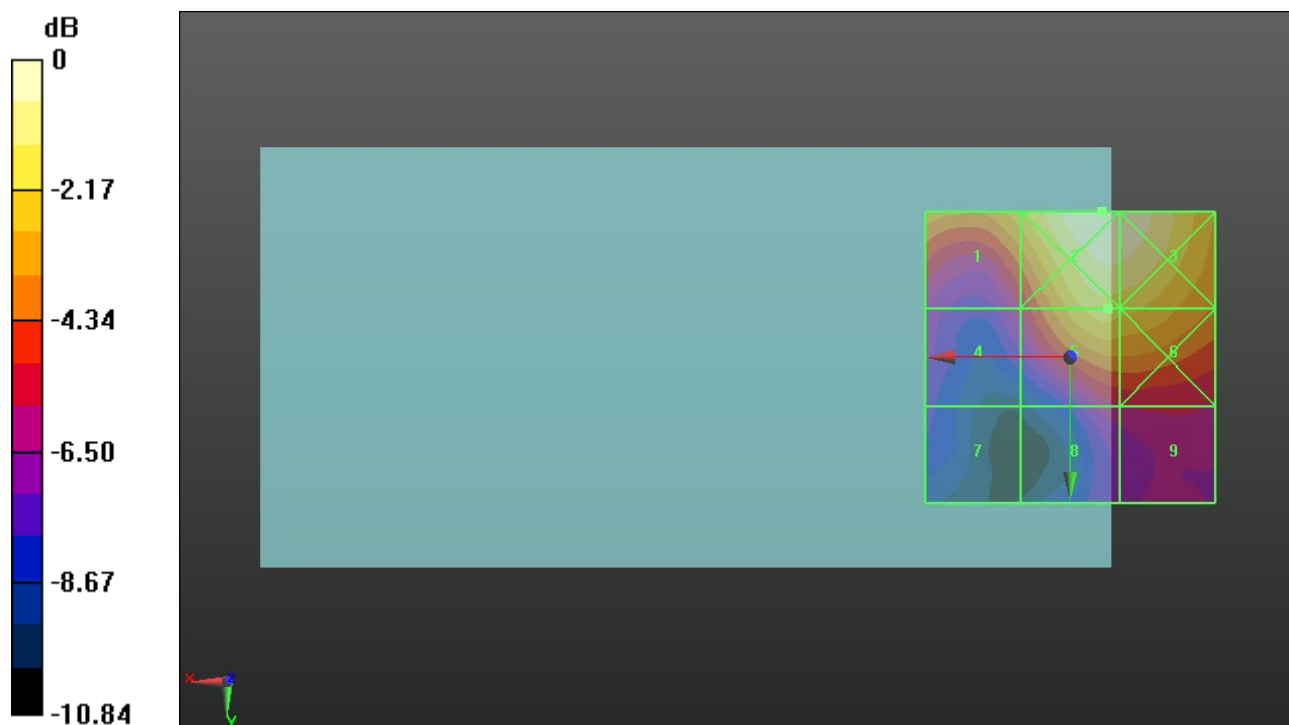
Applied MIF = -1.44 dB

RF audio interference level = 23.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.79 dBV/m	Grid 2 M4 25.14 dBV/m	Grid 3 M4 24.94 dBV/m
Grid 4 M4 19.41 dBV/m	Grid 5 M4 23.37 dBV/m	Grid 6 M4 23.24 dBV/m
Grid 7 M4 17.52 dBV/m	Grid 8 M4 19.24 dBV/m	Grid 9 M4 19.54 dBV/m



0 dB = 18.06 V/m = 25.13 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.56 V/m; Power Drift = -0.13 dB

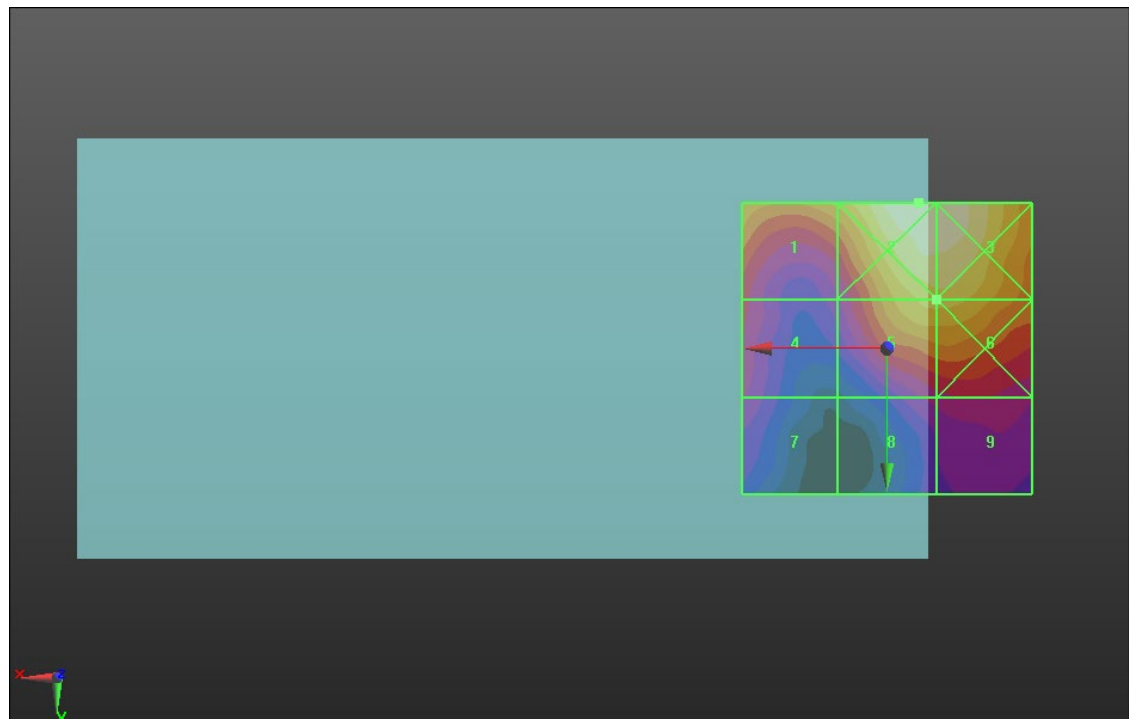
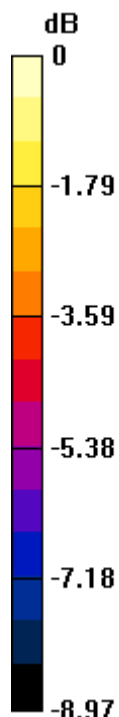
Applied MIF = -1.44 dB

RF audio interference level = 24.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.62 dBV/m	Grid 2 M4 25.79 dBV/m	Grid 3 M4 25.64 dBV/m
Grid 4 M4 21.39 dBV/m	Grid 5 M4 24.31 dBV/m	Grid 6 M4 24.33 dBV/m
Grid 7 M4 20.53 dBV/m	Grid 8 M4 20.73 dBV/m	Grid 9 M4 21.01 dBV/m



0 dB = 19.49 V/m = 25.80 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 22.42 V/m; Power Drift = 0.09 dB

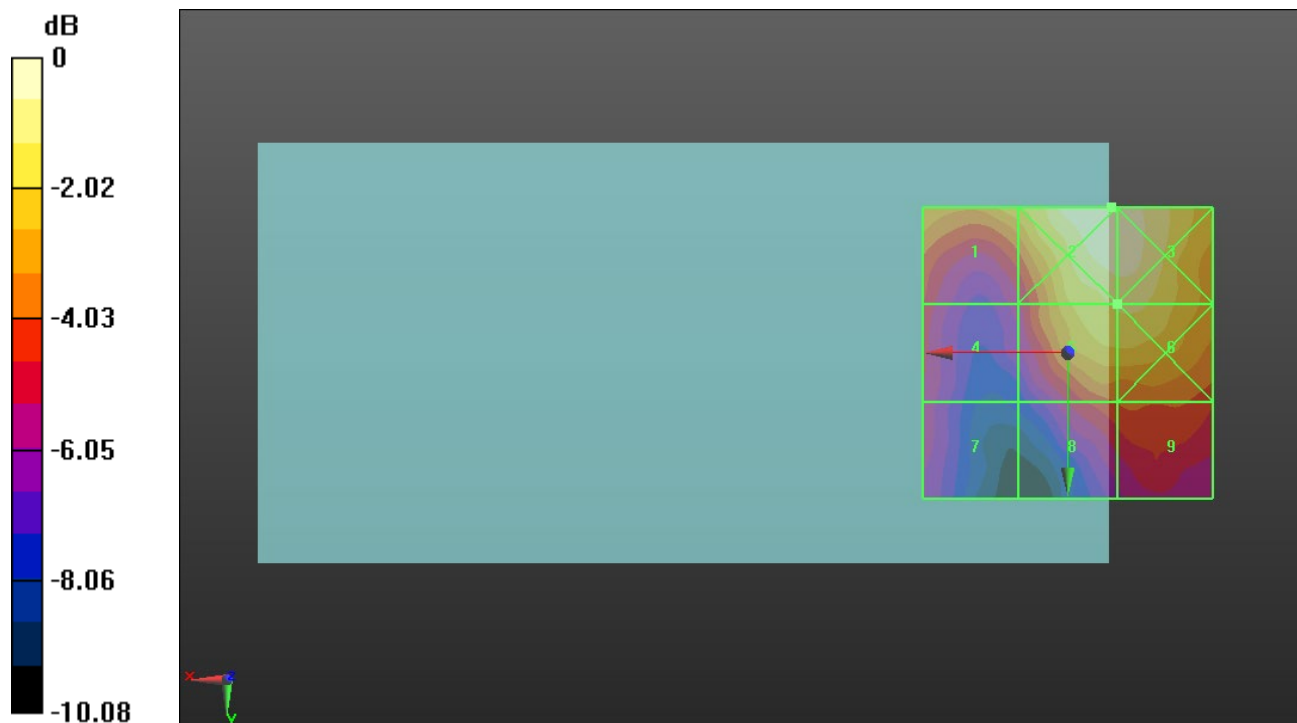
Applied MIF = -1.44 dB

RF audio interference level = 25.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.01 dBV/m	Grid 2 M4 27.04 dBV/m	Grid 3 M4 27.02 dBV/m
Grid 4 M4 22.45 dBV/m	Grid 5 M4 25.79 dBV/m	Grid 6 M4 25.81 dBV/m
Grid 7 M4 21.56 dBV/m	Grid 8 M4 23.05 dBV/m	Grid 9 M4 23.2 dBV/m



0 dB = 22.49 V/m = 27.04 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 24.11 V/m; Power Drift = 0.16 dB

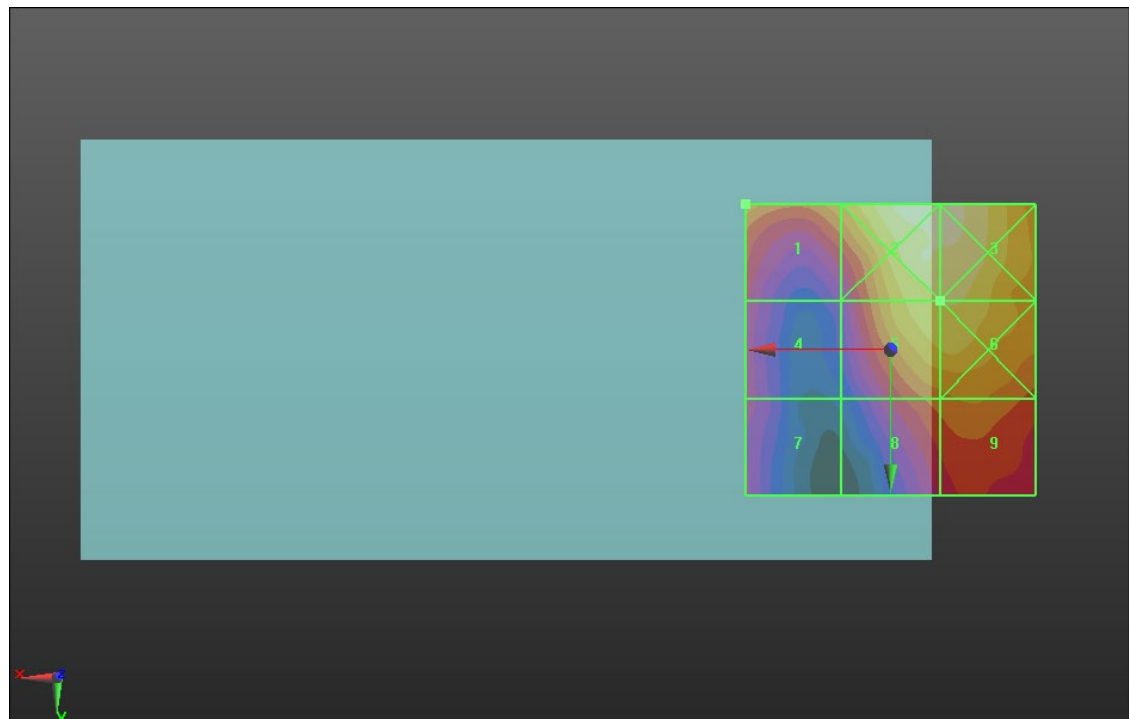
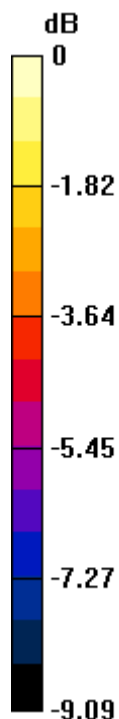
Applied MIF = -1.44 dB

RF audio interference level = 26.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.19 dBV/m	Grid 2 M4 27.64 dBV/m	Grid 3 M4 27.4 dBV/m
Grid 4 M4 23.02 dBV/m	Grid 5 M4 26.52 dBV/m	Grid 6 M4 26.59 dBV/m
Grid 7 M4 22.52 dBV/m	Grid 8 M4 24.38 dBV/m	Grid 9 M4 24.69 dBV/m



0 dB = 24.09 V/m = 27.64 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 21.74 V/m; Power Drift = -0.19 dB

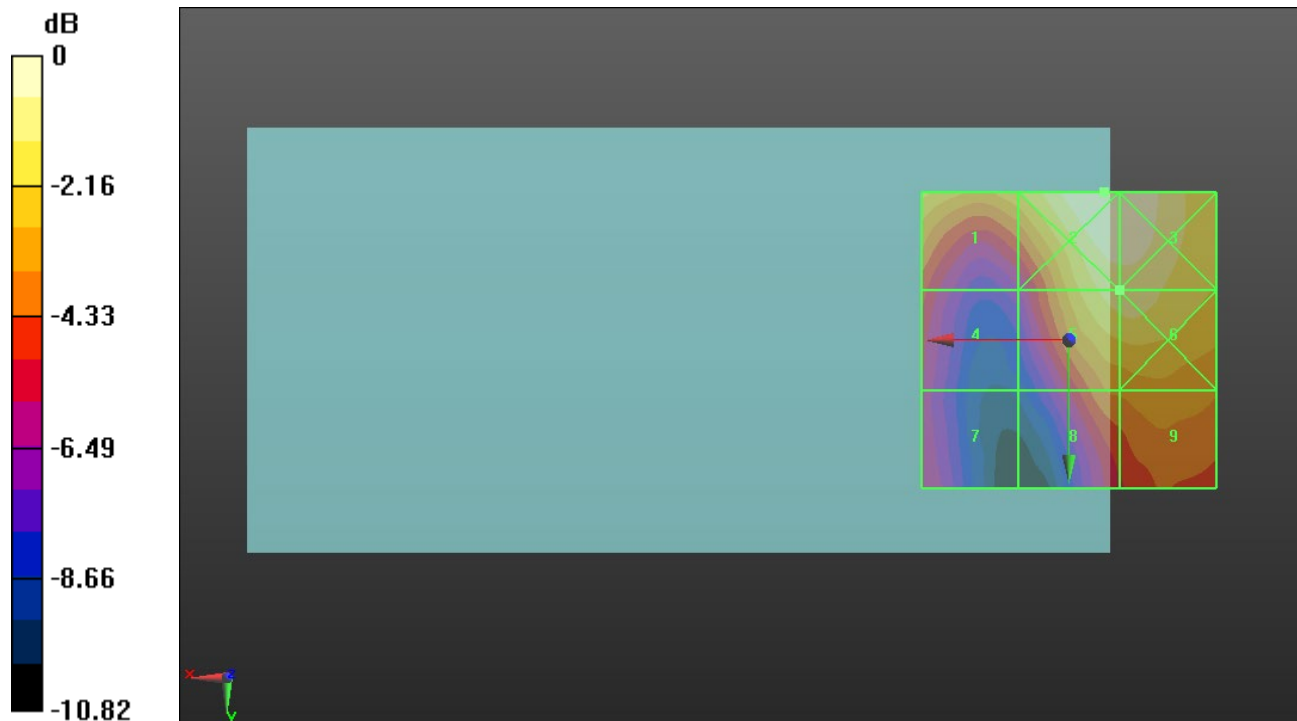
Applied MIF = -1.44 dB

RF audio interference level = 25.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.85 dBV/m	Grid 2 M4 26.71 dBV/m	Grid 3 M4 26.62 dBV/m
Grid 4 M4 22.05 dBV/m	Grid 5 M4 25.59 dBV/m	Grid 6 M4 25.61 dBV/m
Grid 7 M4 21.04 dBV/m	Grid 8 M4 23.27 dBV/m	Grid 9 M4 23.64 dBV/m



0 dB = 21.65 V/m = 26.71 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 5.003 V/m; Power Drift = 0.27 dB

Applied MIF = -2.02 dB

RF audio interference level = 12.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.01 dBV/m	Grid 2 M4 12.18 dBV/m	Grid 3 M4 9.94 dBV/m
Grid 4 M4 12.72 dBV/m	Grid 5 M4 12.77 dBV/m	Grid 6 M4 10.03 dBV/m
Grid 7 M4 12.41 dBV/m	Grid 8 M4 12.05 dBV/m	Grid 9 M4 10.23 dBV/m



0 dB = 4.471 V/m = 13.01 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 5.200 V/m; Power Drift = -0.13 dB

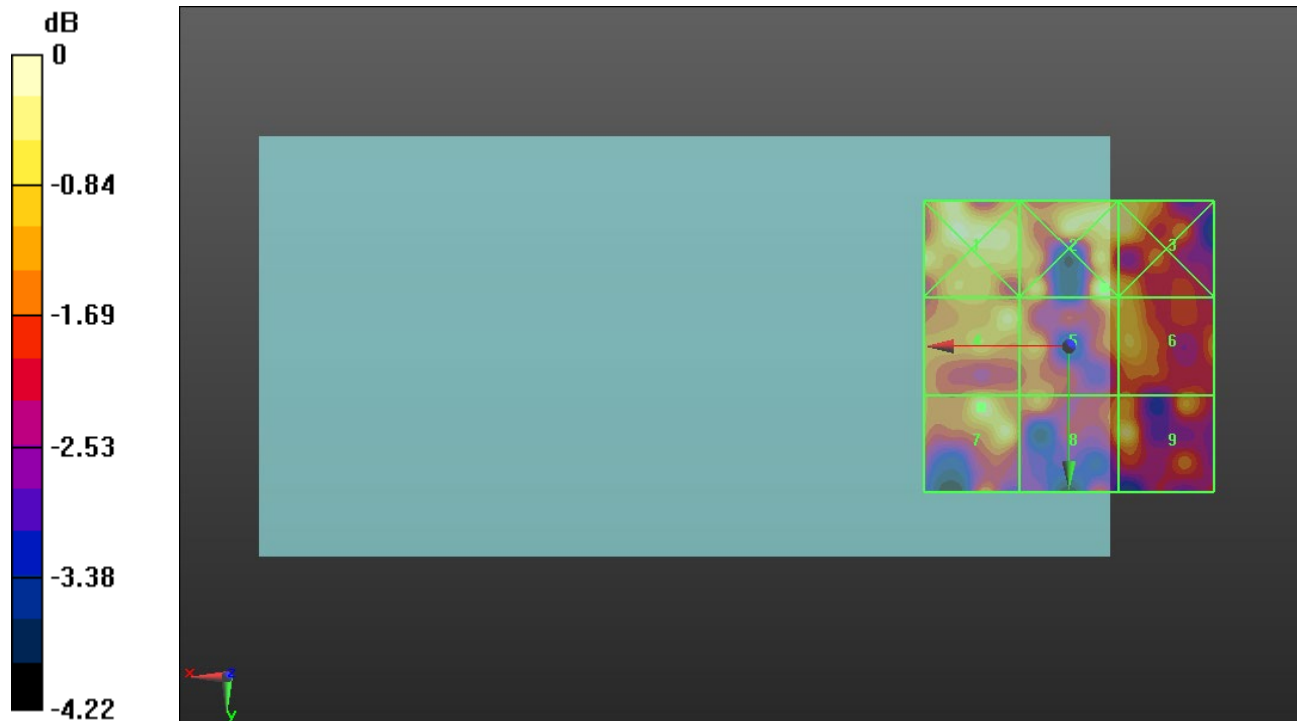
Applied MIF = -2.02 dB

RF audio interference level = 12.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.31 dBV/m	Grid 2 M4 12.44 dBV/m	Grid 3 M4 12.14 dBV/m
Grid 4 M4 11.98 dBV/m	Grid 5 M4 12.02 dBV/m	Grid 6 M4 11.72 dBV/m
Grid 7 M4 12.12 dBV/m	Grid 8 M4 11.58 dBV/m	Grid 9 M4 12.01 dBV/m



0 dB = 4.189 V/m = 12.44 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: 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 = 5.284 V/m; Power Drift = -0.01 dB

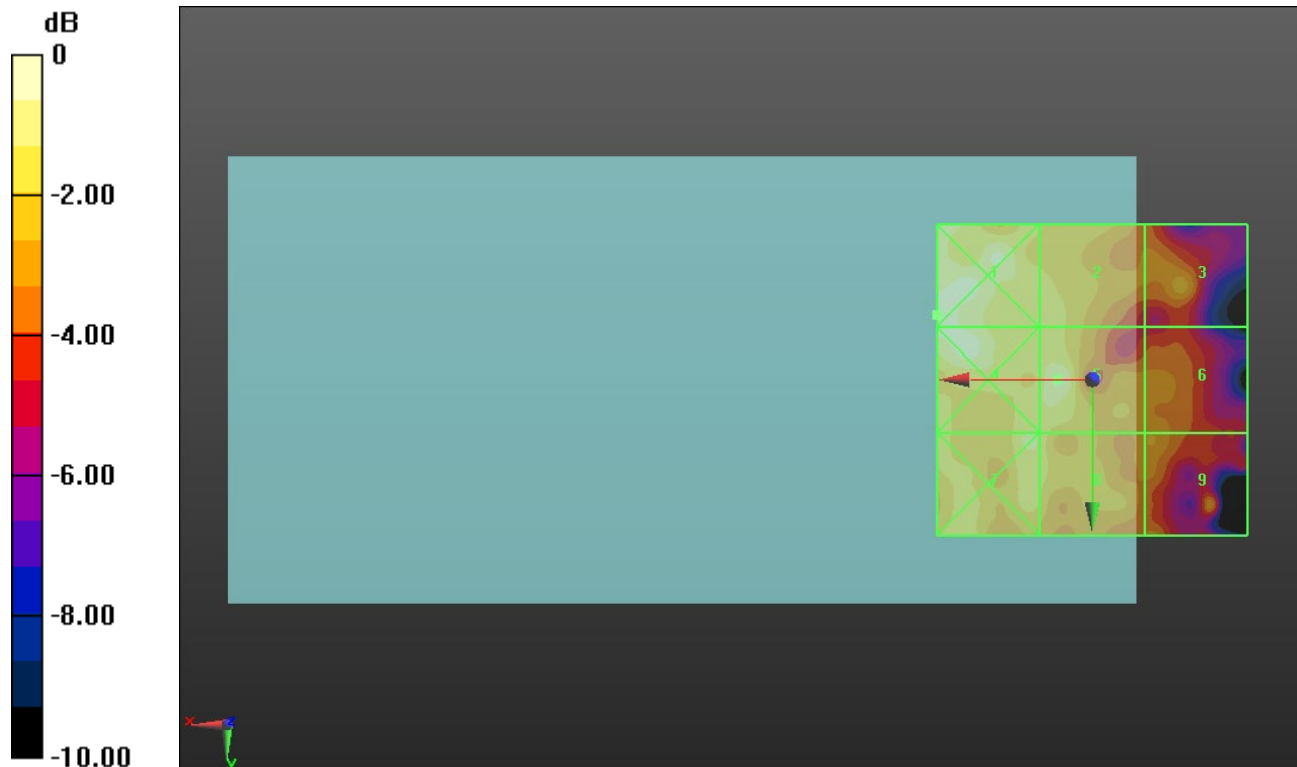
Applied MIF = -2.02 dB

RF audio interference level = 12.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 12.62 dBV/m	Grid 2 M4 11.01 dBV/m	Grid 3 M4 10.28 dBV/m
Grid 4 M4 12.42 dBV/m	Grid 5 M4 12.13 dBV/m	Grid 6 M4 9.91 dBV/m
Grid 7 M4 11.44 dBV/m	Grid 8 M4 11.19 dBV/m	Grid 9 M4 10.03 dBV/m



0 dB = 4.275 V/m = 12.62 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 5.077 V/m; Power Drift = -0.21 dB

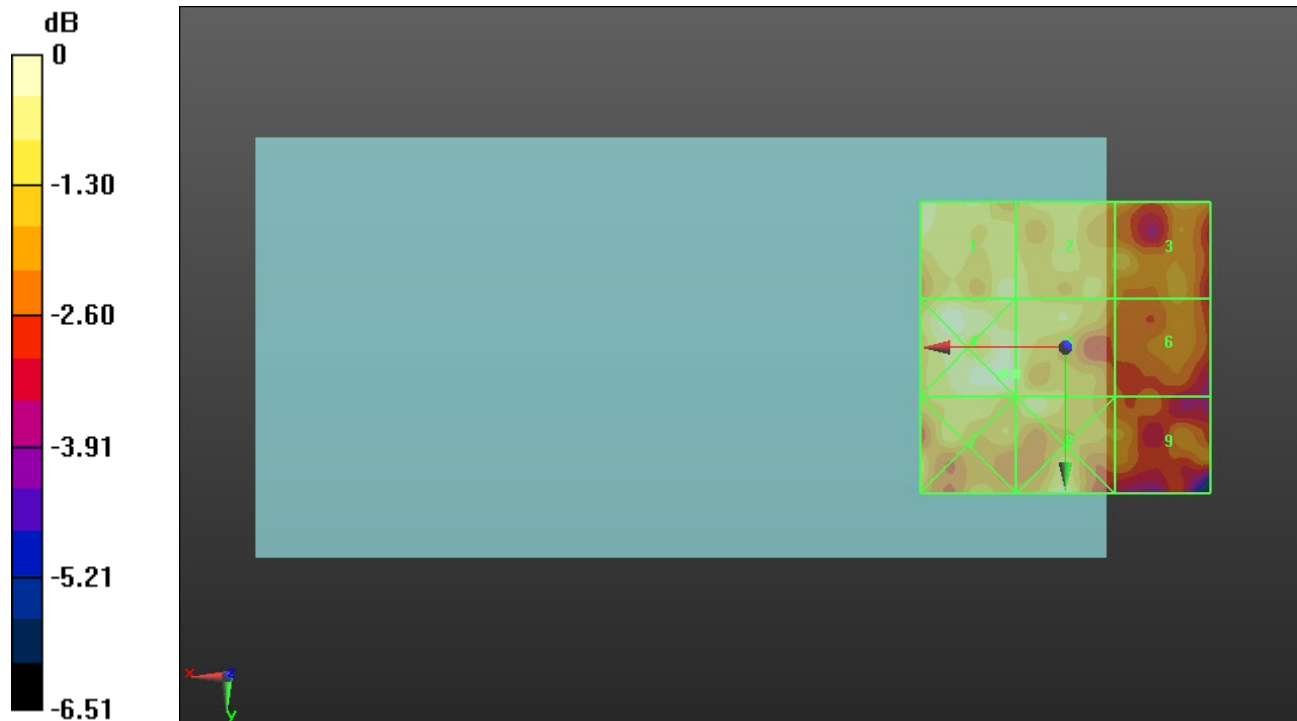
Applied MIF = 0.12 dB

RF audio interference level = 13.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.67 dBV/m	Grid 2 M4 13.49 dBV/m	Grid 3 M4 13.17 dBV/m
Grid 4 M4 14.22 dBV/m	Grid 5 M4 13.74 dBV/m	Grid 6 M4 12.66 dBV/m
Grid 7 M4 13.42 dBV/m	Grid 8 M4 13.85 dBV/m	Grid 9 M4 12.58 dBV/m



0 dB = 5.143 V/m = 14.22 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 5.221 V/m; Power Drift = -0.08 dB

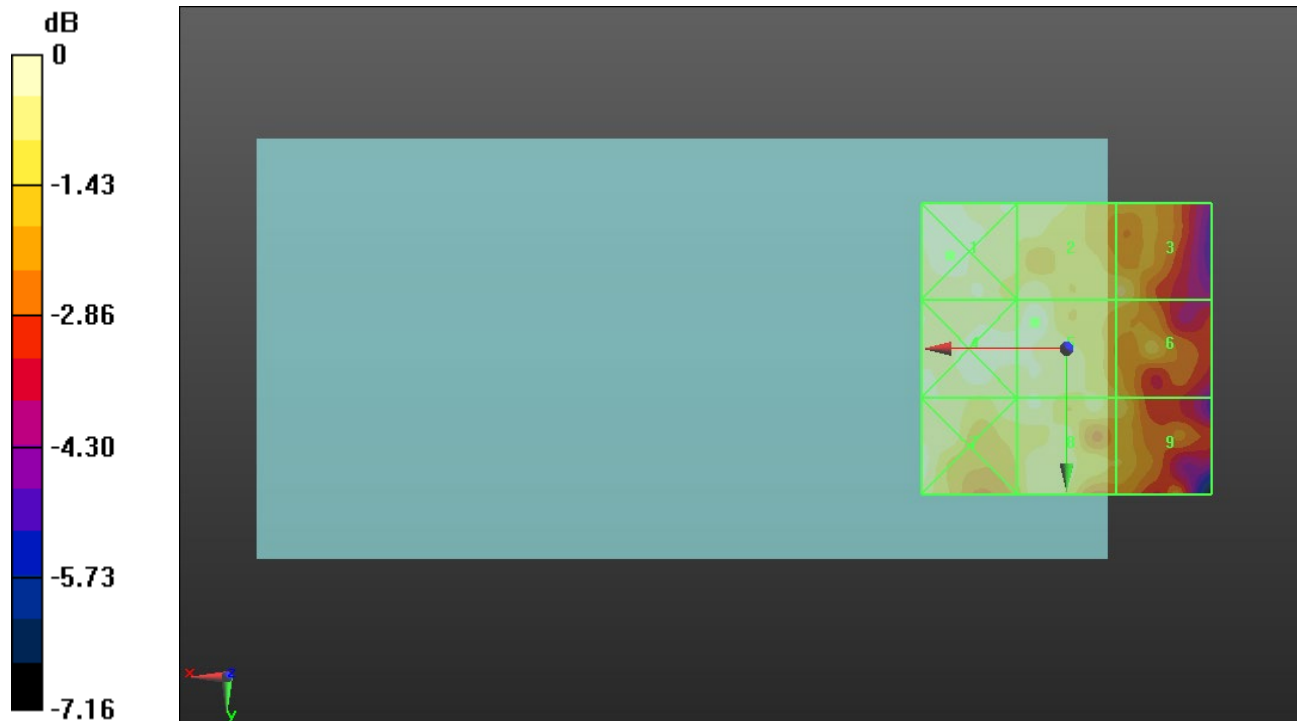
Applied MIF = 0.12 dB

RF audio interference level = 14.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.91 dBV/m	Grid 2 M4 14.49 dBV/m	Grid 3 M4 14.03 dBV/m
Grid 4 M4 14.8 dBV/m	Grid 5 M4 14.83 dBV/m	Grid 6 M4 13.86 dBV/m
Grid 7 M4 14.79 dBV/m	Grid 8 M4 14.48 dBV/m	Grid 9 M4 13.76 dBV/m



0 dB = 5.563 V/m = 14.91 dBV/m

HAC-RF Emission ANT3

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: 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 = 5.107 V/m; Power Drift = 0.04 dB

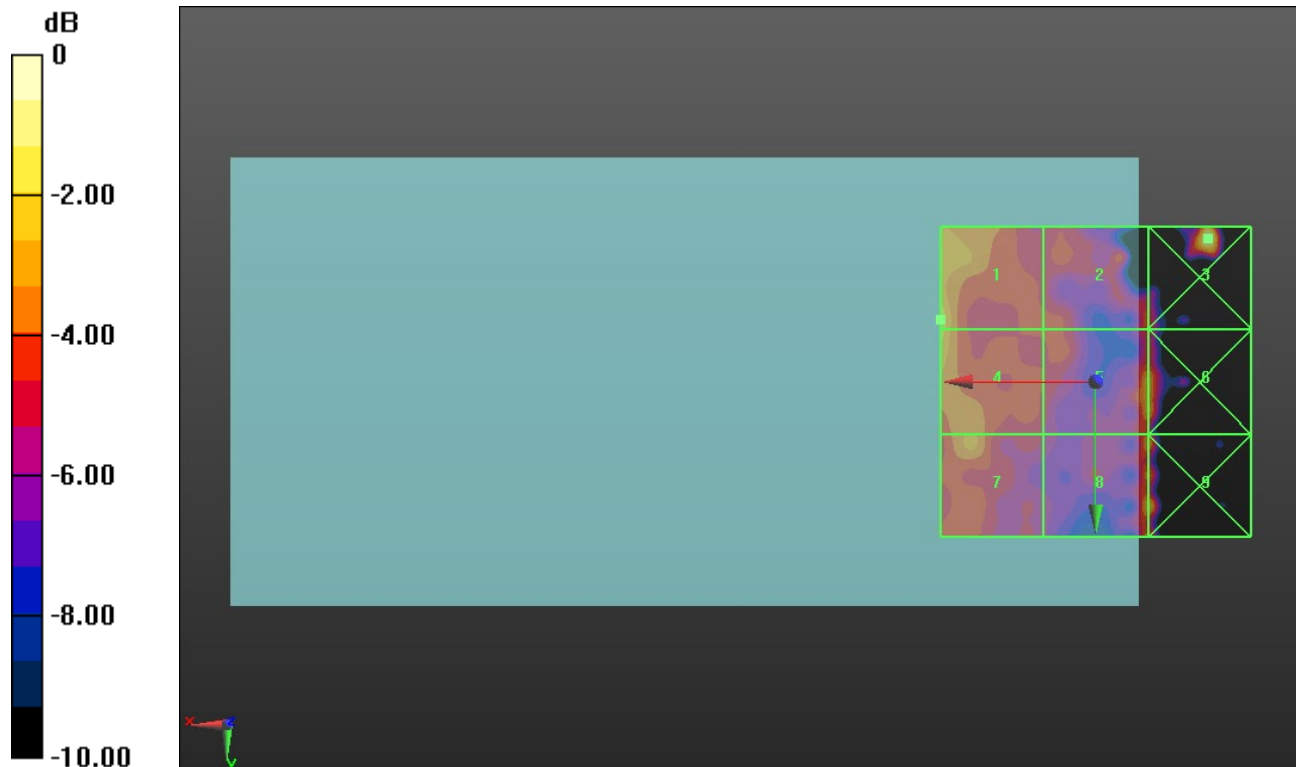
Applied MIF = 0.12 dB

RF audio interference level = 14.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.84 dBV/m	Grid 2 M4 12.51 dBV/m	Grid 3 M4 16.85 dBV/m
Grid 4 M4 14.75 dBV/m	Grid 5 M4 13.94 dBV/m	Grid 6 M4 13.94 dBV/m
Grid 7 M4 13.73 dBV/m	Grid 8 M4 14.38 dBV/m	Grid 9 M4 14.38 dBV/m



0 dB = 6.959 V/m = 16.85 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.16 V/m; Power Drift = -0.04 dB

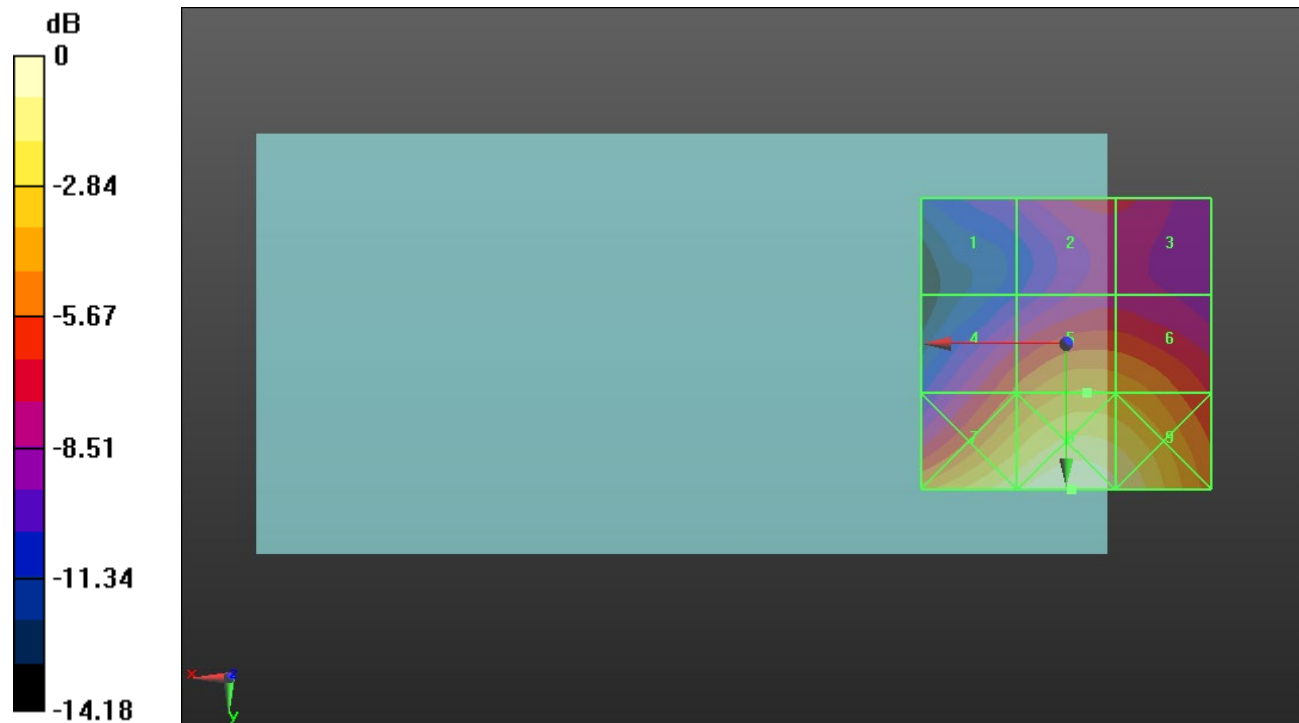
Applied MIF = 3.63 dB

RF audio interference level = 29.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.55 dBV/m	Grid 2 M4 25.61 dBV/m	Grid 3 M4 25.51 dBV/m
Grid 4 M4 27.32 dBV/m	Grid 5 M4 29.04 dBV/m	Grid 6 M4 28.81 dBV/m
Grid 7 M3 31.58 dBV/m	Grid 8 M3 32.63 dBV/m	Grid 9 M3 31.93 dBV/m



HAC-RF Emission ANT4

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 20.45 V/m; Power Drift = -0.11 dB

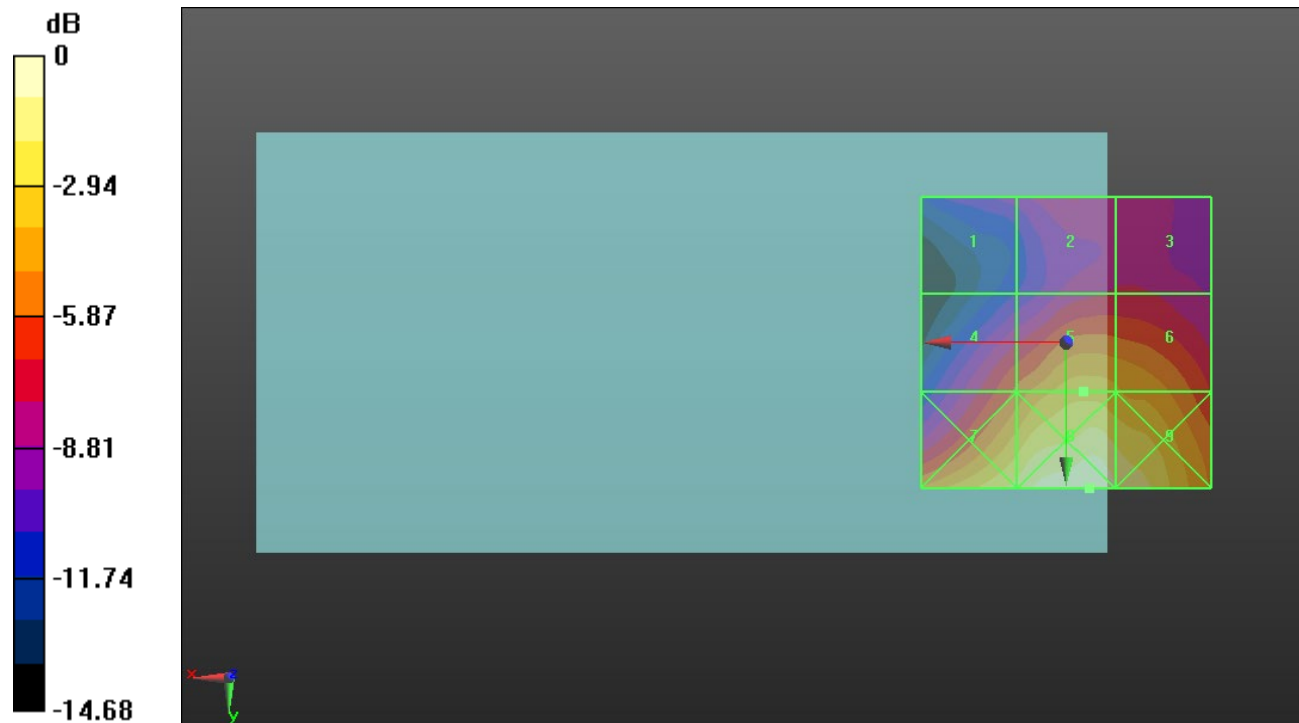
Applied MIF = 3.63 dB

RF audio interference level = 29.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.62 dBV/m	Grid 2 M4 25.05 dBV/m	Grid 3 M4 25.11 dBV/m
Grid 4 M4 27.14 dBV/m	Grid 5 M4 29.47 dBV/m	Grid 6 M4 28.96 dBV/m
Grid 7 M3 31.17 dBV/m	Grid 8 M3 32.71 dBV/m	Grid 9 M3 31.78 dBV/m



0 dB = 43.18 V/m = 32.71 dBV/m

HAC-RF Emission ANT4

Communication System: UID 10021 - DAC, 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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.58 V/m; Power Drift = 0.02 dB

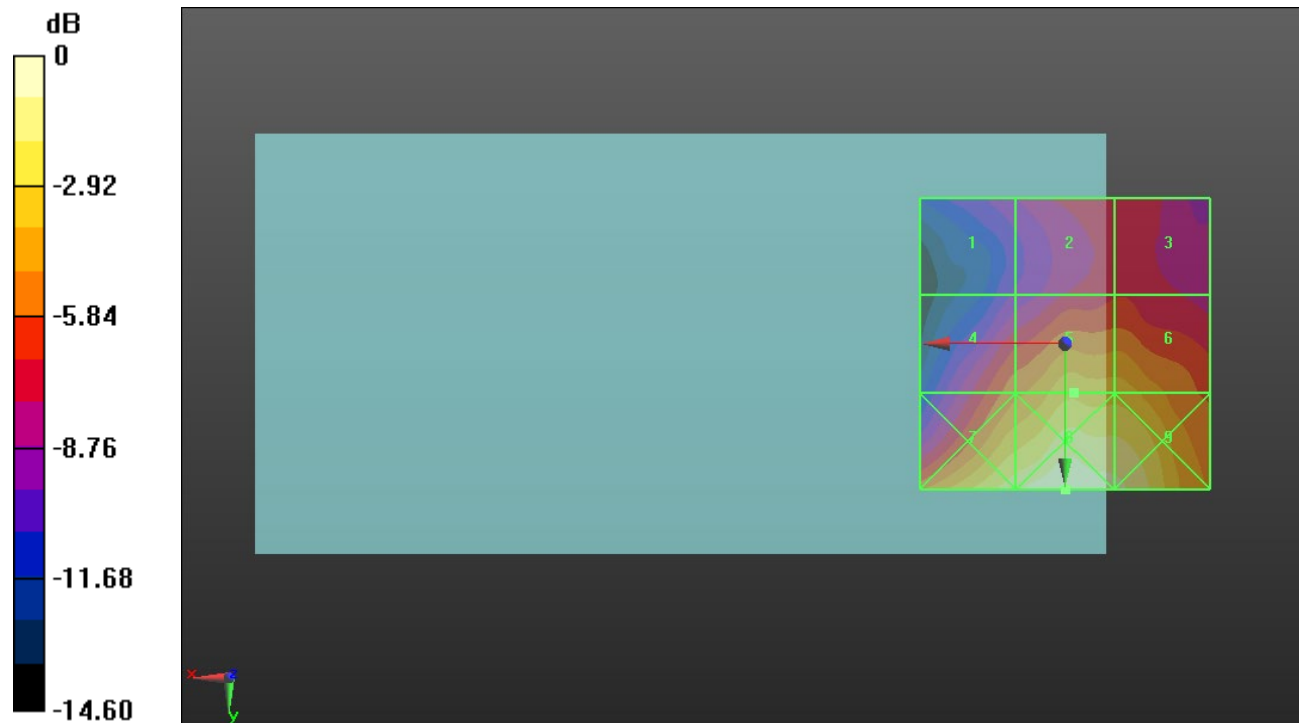
Applied MIF = 3.63 dB

RF audio interference level = 29.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.55 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 25.52 dBV/m
Grid 4 M4 27.19 dBV/m	Grid 5 M4 29.17 dBV/m	Grid 6 M4 29 dBV/m
Grid 7 M3 31.13 dBV/m	Grid 8 M3 32.3 dBV/m	Grid 9 M3 31.64 dBV/m



0 dB = 41.22 V/m = 32.30 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.57 V/m; Power Drift = -0.17 dB

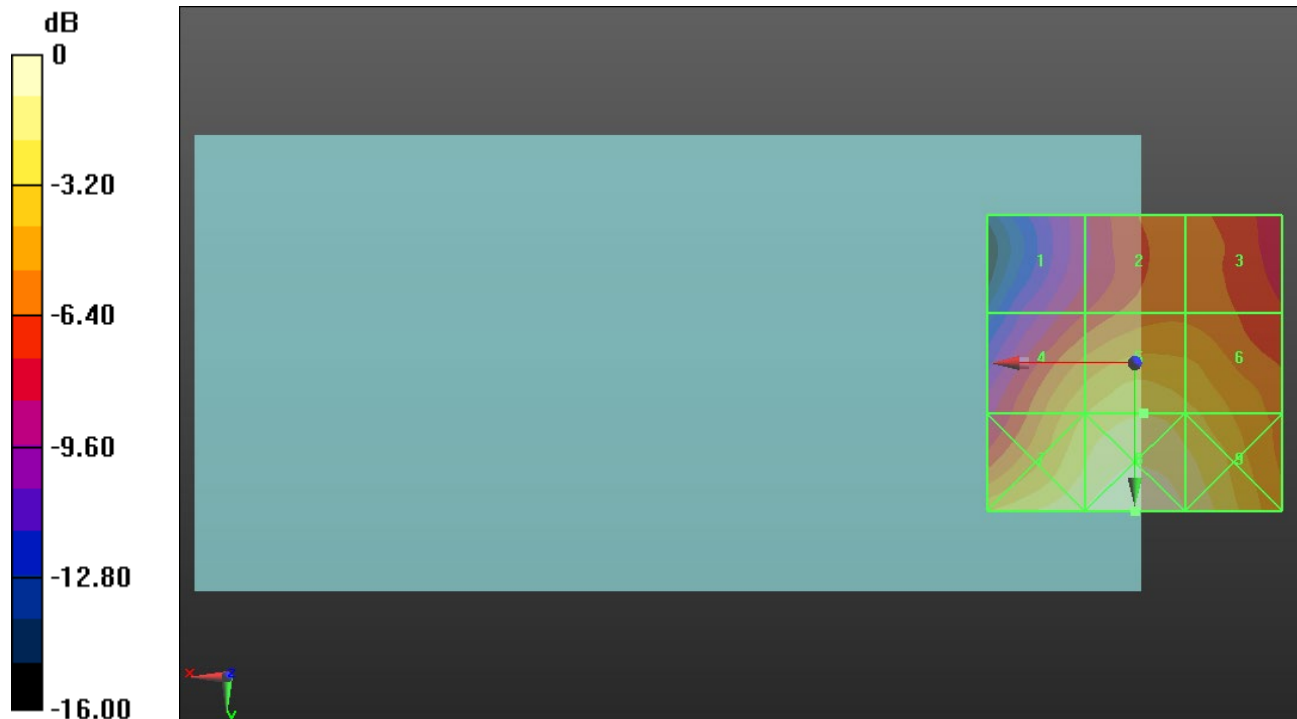
Applied MIF = -1.44 dB

RF audio interference level = 22.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.39 dBV/m	Grid 2 M4 19.37 dBV/m	Grid 3 M4 19.33 dBV/m
Grid 4 M4 21.62 dBV/m	Grid 5 M4 22.7 dBV/m	Grid 6 M4 22.1 dBV/m
Grid 7 M4 23.91 dBV/m	Grid 8 M4 24.87 dBV/m	Grid 9 M4 23.84 dBV/m



0 dB = 17.53 V/m = 24.88 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.68 V/m; Power Drift = -0.11 dB

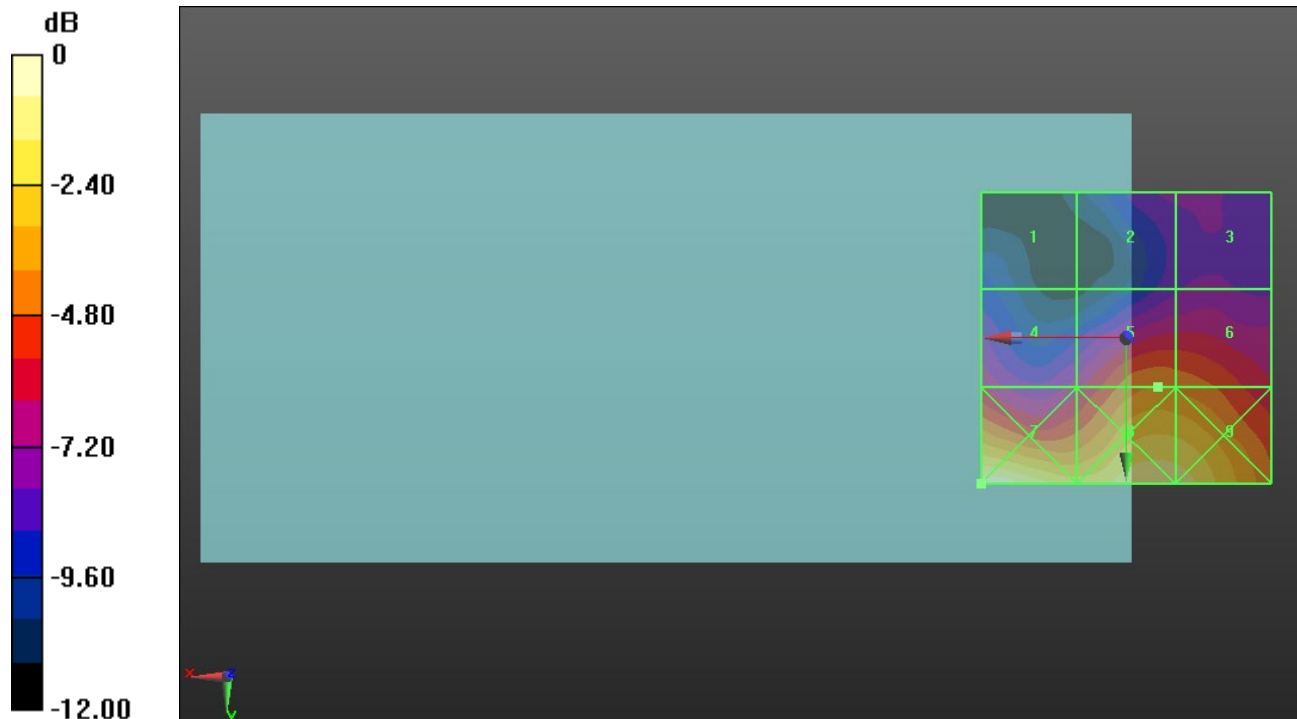
Applied MIF = -1.44 dB

RF audio interference level = 20.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.25 dBV/m	Grid 2 M4 16.59 dBV/m	Grid 3 M4 16.64 dBV/m
Grid 4 M4 18.13 dBV/m	Grid 5 M4 20.34 dBV/m	Grid 6 M4 20.18 dBV/m
Grid 7 M4 24.3 dBV/m	Grid 8 M4 23.42 dBV/m	Grid 9 M4 23.27 dBV/m



0 dB = 16.40 V/m = 24.30 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.08 V/m; Power Drift = -0.18 dB

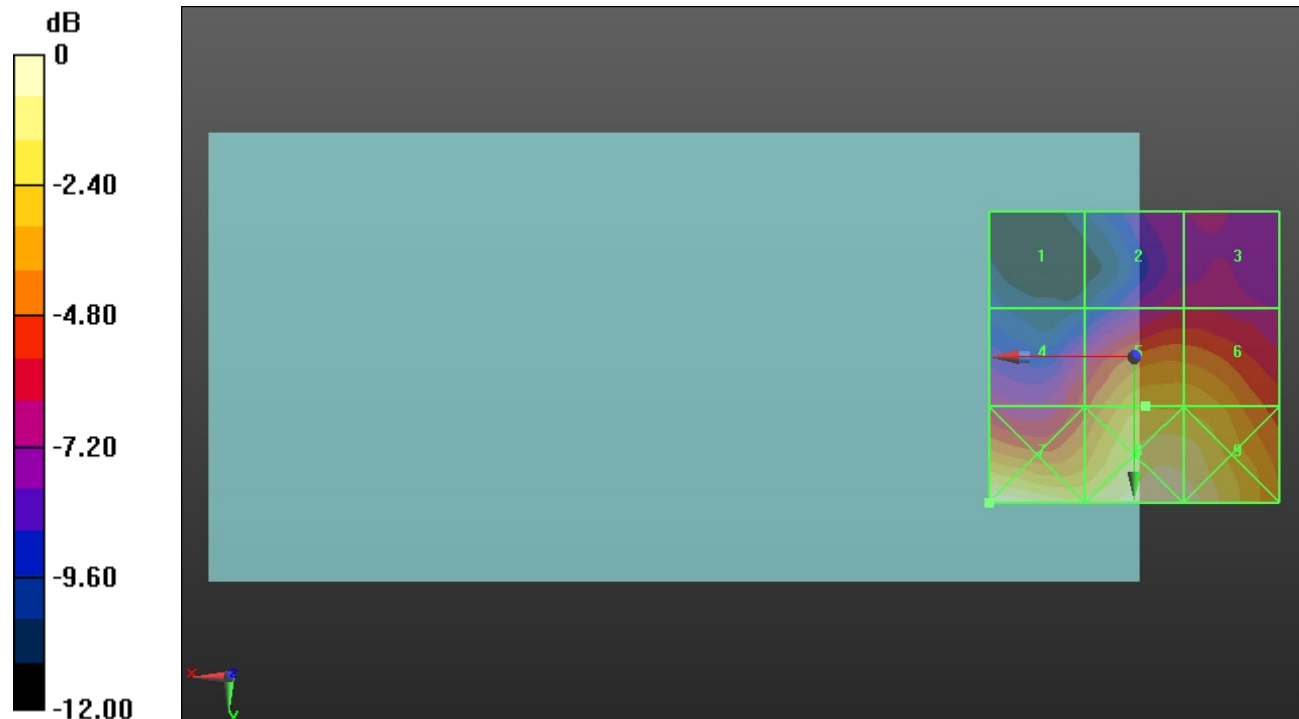
Applied MIF = -1.44 dB

RF audio interference level = 20.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.44 dBV/m	Grid 2 M4 16.75 dBV/m	Grid 3 M4 16.86 dBV/m
Grid 4 M4 18.14 dBV/m	Grid 5 M4 20.79 dBV/m	Grid 6 M4 20.71 dBV/m
Grid 7 M4 23.22 dBV/m	Grid 8 M4 23.19 dBV/m	Grid 9 M4 22.93 dBV/m



0 dB = 14.48 V/m = 23.22 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 15.37 V/m; Power Drift = 0.20 dB

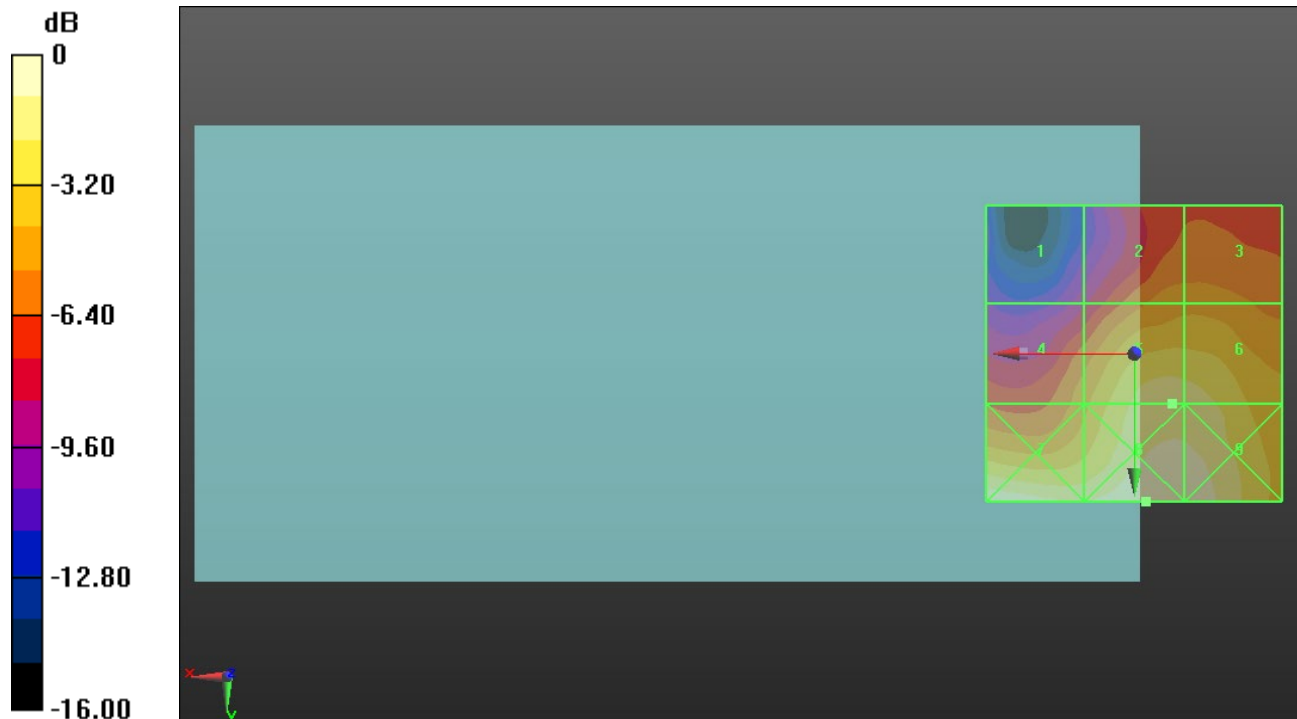
Applied MIF = -1.44 dB

RF audio interference level = 20.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.7 dBV/m	Grid 2 M4 17.67 dBV/m	Grid 3 M4 17.67 dBV/m
Grid 4 M4 17.81 dBV/m	Grid 5 M4 20.84 dBV/m	Grid 6 M4 20.8 dBV/m
Grid 7 M4 22.33 dBV/m	Grid 8 M4 22.38 dBV/m	Grid 9 M4 22.08 dBV/m



0 dB = 13.15 V/m = 22.38 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.14 V/m; Power Drift = -0.06 dB

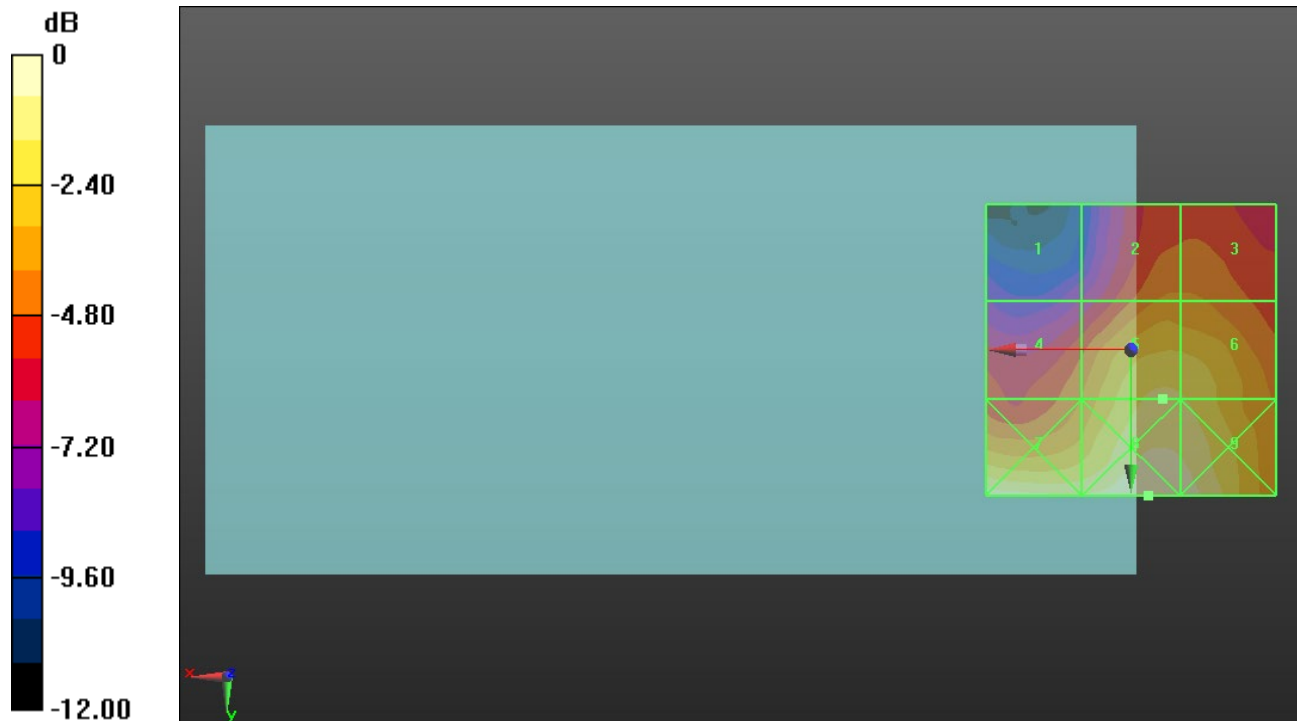
Applied MIF = -1.44 dB

RF audio interference level = 21.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.75 dBV/m	Grid 2 M4 19.05 dBV/m	Grid 3 M4 19.04 dBV/m
Grid 4 M4 18.91 dBV/m	Grid 5 M4 21.46 dBV/m	Grid 6 M4 21.33 dBV/m
Grid 7 M4 22.59 dBV/m	Grid 8 M4 22.84 dBV/m	Grid 9 M4 22.54 dBV/m



0 dB = 13.87 V/m = 22.84 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 24.14 V/m; Power Drift = -0.13 dB

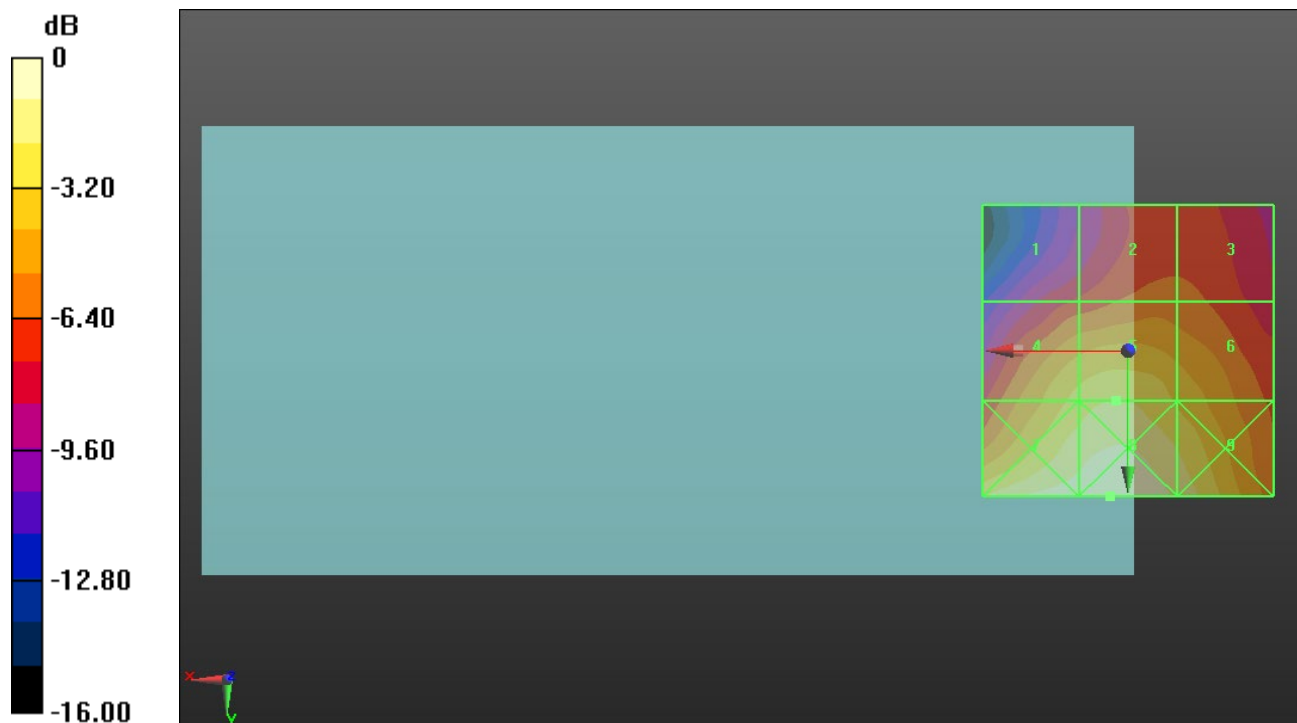
Applied MIF = -1.44 dB

RF audio interference level = 25.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.72 dBV/m	Grid 2 M4 22.07 dBV/m	Grid 3 M4 22.01 dBV/m
Grid 4 M4 25.15 dBV/m	Grid 5 M4 25.8 dBV/m	Grid 6 M4 24.58 dBV/m
Grid 7 M4 27.57 dBV/m	Grid 8 M4 27.93 dBV/m	Grid 9 M4 26.66 dBV/m



0 dB = 24.93 V/m = 27.93 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 18.28 V/m; Power Drift = -0.09 dB

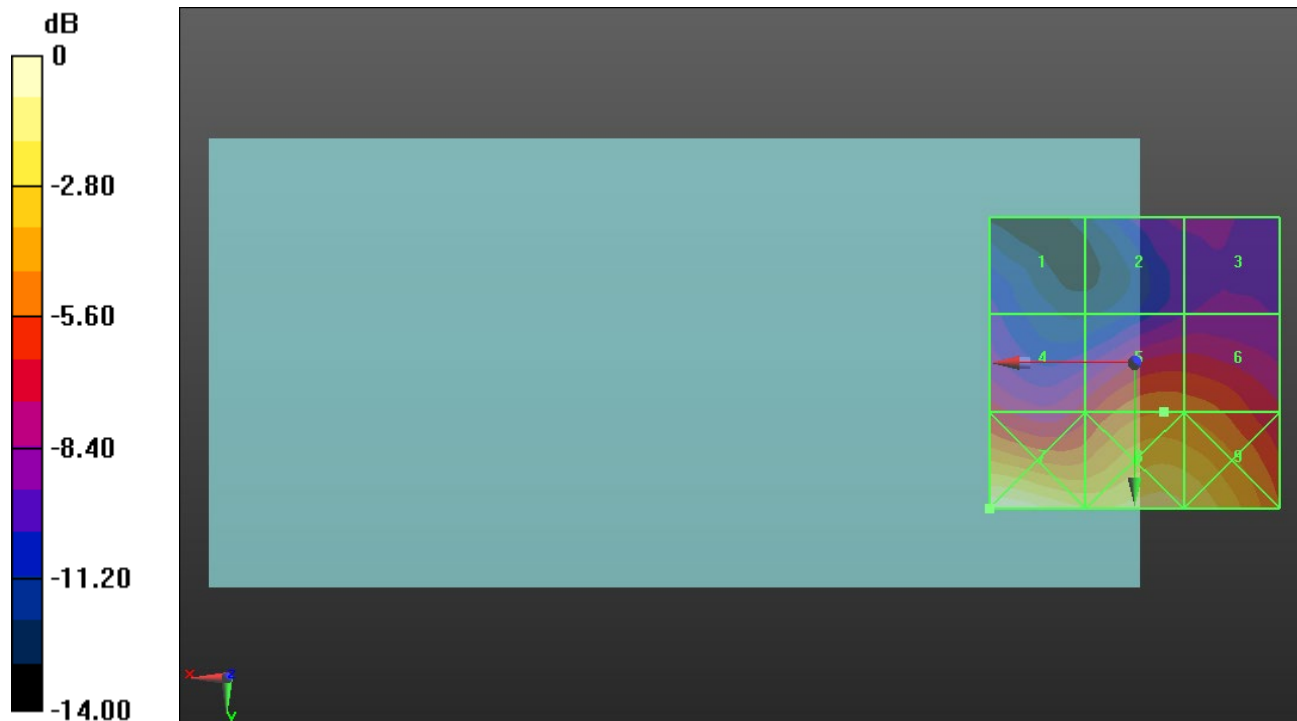
Applied MIF = -1.44 dB

RF audio interference level = 23.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.74 dBV/m	Grid 2 M4 19.43 dBV/m	Grid 3 M4 19.5 dBV/m
Grid 4 M4 21.82 dBV/m	Grid 5 M4 23.84 dBV/m	Grid 6 M4 23.7 dBV/m
Grid 7 M4 28.52 dBV/m	Grid 8 M4 27.18 dBV/m	Grid 9 M4 26.85 dBV/m



0 dB = 26.66 V/m = 28.52 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 21.90 V/m; Power Drift = -0.06 dB

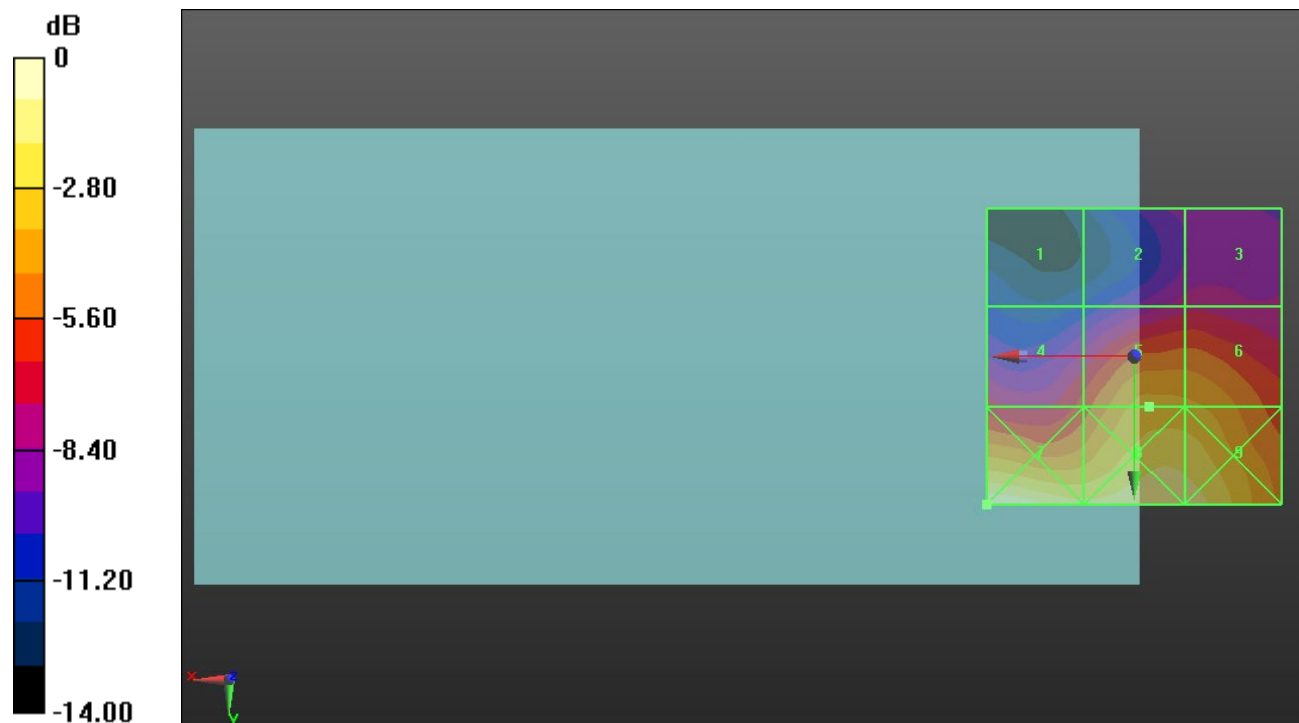
Applied MIF = -1.44 dB

RF audio interference level = 24.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.89 dBV/m	Grid 2 M4 19.93 dBV/m	Grid 3 M4 20.1 dBV/m
Grid 4 M4 21.69 dBV/m	Grid 5 M4 24.36 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 27.72 dBV/m	Grid 8 M4 26.67 dBV/m	Grid 9 M4 26.48 dBV/m



0 dB = 24.33 V/m = 27.72 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 24.74 V/m; Power Drift = -0.09 dB

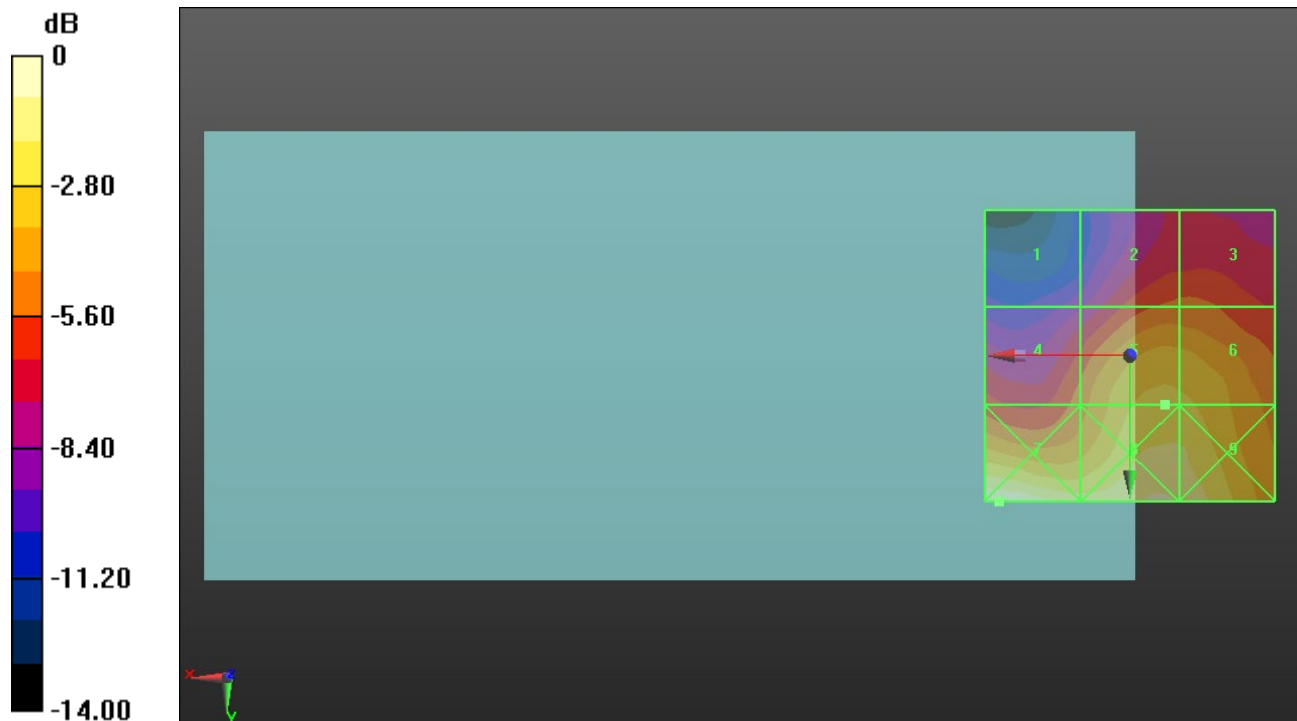
Applied MIF = -1.44 dB

RF audio interference level = 24.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.24 dBV/m	Grid 2 M4 21.51 dBV/m	Grid 3 M4 21.53 dBV/m
Grid 4 M4 21.74 dBV/m	Grid 5 M4 24.35 dBV/m	Grid 6 M4 24.25 dBV/m
Grid 7 M4 26.82 dBV/m	Grid 8 M4 26.06 dBV/m	Grid 9 M4 25.82 dBV/m



0 dB = 21.92 V/m = 26.82 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 24.05 V/m; Power Drift = -0.16 dB

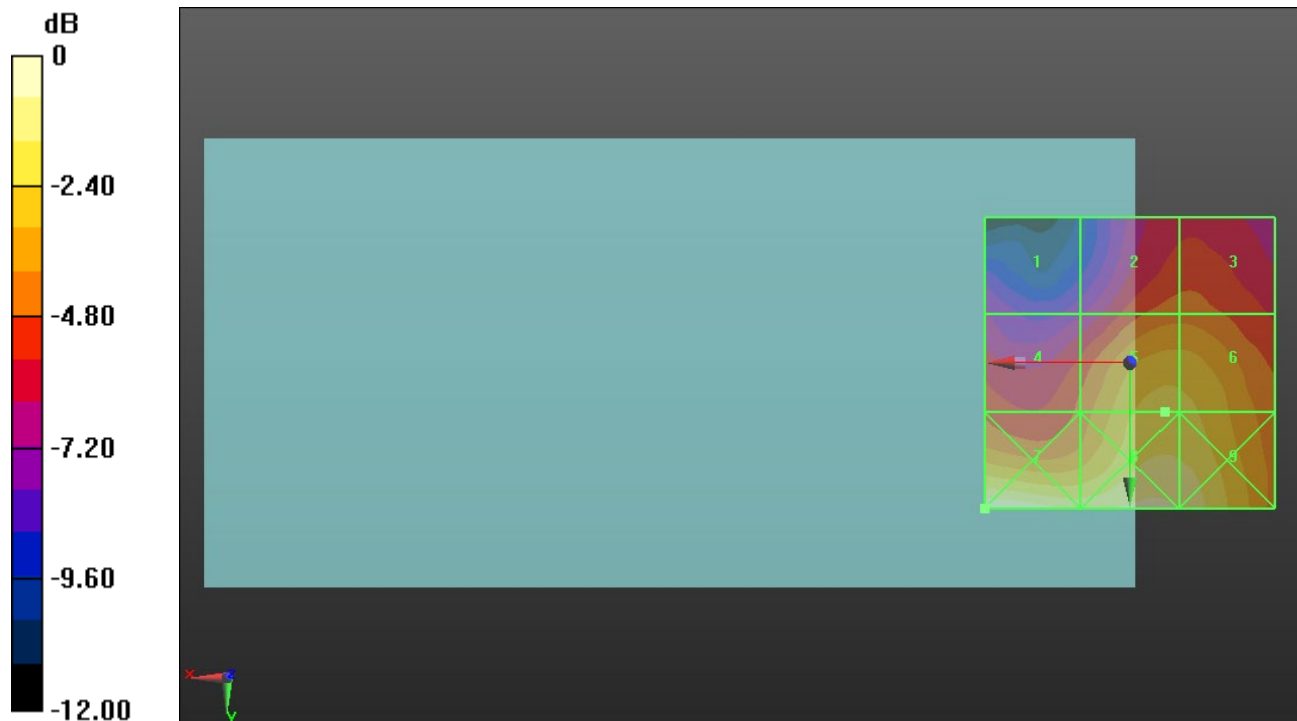
Applied MIF = -1.44 dB

RF audio interference level = 23.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.88 dBV/m	Grid 2 M4 21.64 dBV/m	Grid 3 M4 21.66 dBV/m
Grid 4 M4 21.37 dBV/m	Grid 5 M4 23.87 dBV/m	Grid 6 M4 23.78 dBV/m
Grid 7 M4 25.91 dBV/m	Grid 8 M4 25.35 dBV/m	Grid 9 M4 25.08 dBV/m



0 dB = 19.74 V/m = 25.91 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 26.72 V/m; Power Drift = 0.01 dB

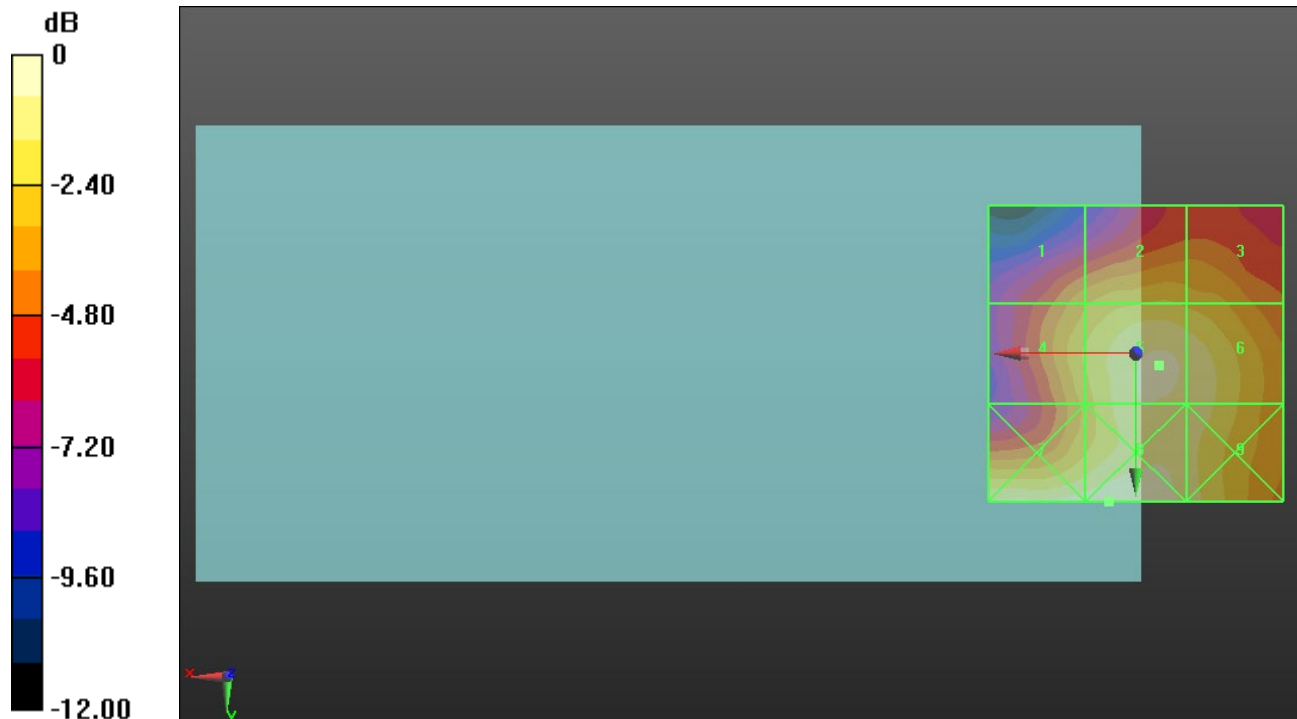
Applied MIF = -1.44 dB

RF audio interference level = 24.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.1 dBV/m	Grid 2 M4 23.13 dBV/m	Grid 3 M4 22.83 dBV/m
Grid 4 M4 23.15 dBV/m	Grid 5 M4 24.74 dBV/m	Grid 6 M4 24.52 dBV/m
Grid 7 M4 25.17 dBV/m	Grid 8 M4 25.4 dBV/m	Grid 9 M4 24.42 dBV/m



0 dB = 18.62 V/m = 25.40 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 25.38 V/m; Power Drift = 0.00 dB

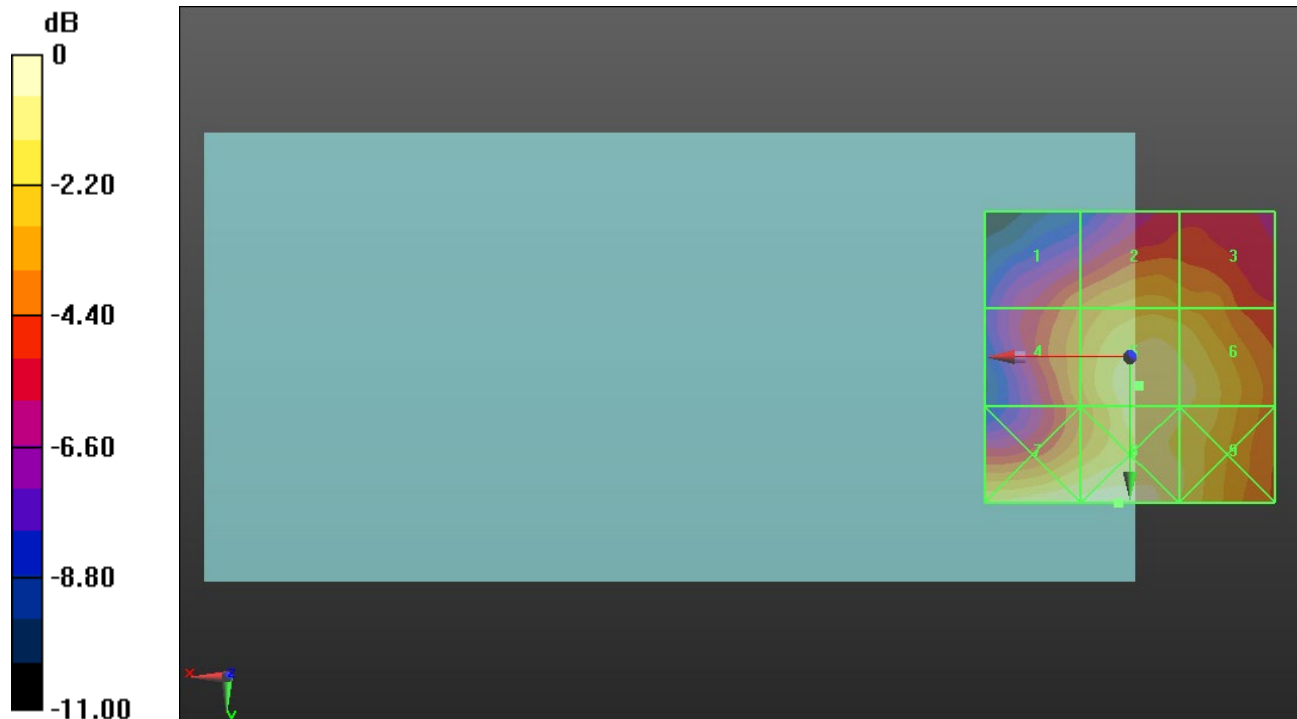
Applied MIF = -1.44 dB

RF audio interference level = 24.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.73 dBV/m	Grid 2 M4 22.9 dBV/m	Grid 3 M4 22.48 dBV/m
Grid 4 M4 22.42 dBV/m	Grid 5 M4 24.44 dBV/m	Grid 6 M4 24.18 dBV/m
Grid 7 M4 24.94 dBV/m	Grid 8 M4 25.35 dBV/m	Grid 9 M4 24.05 dBV/m



0 dB = 18.52 V/m = 25.35 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 27.29 V/m; Power Drift = -0.20 dB

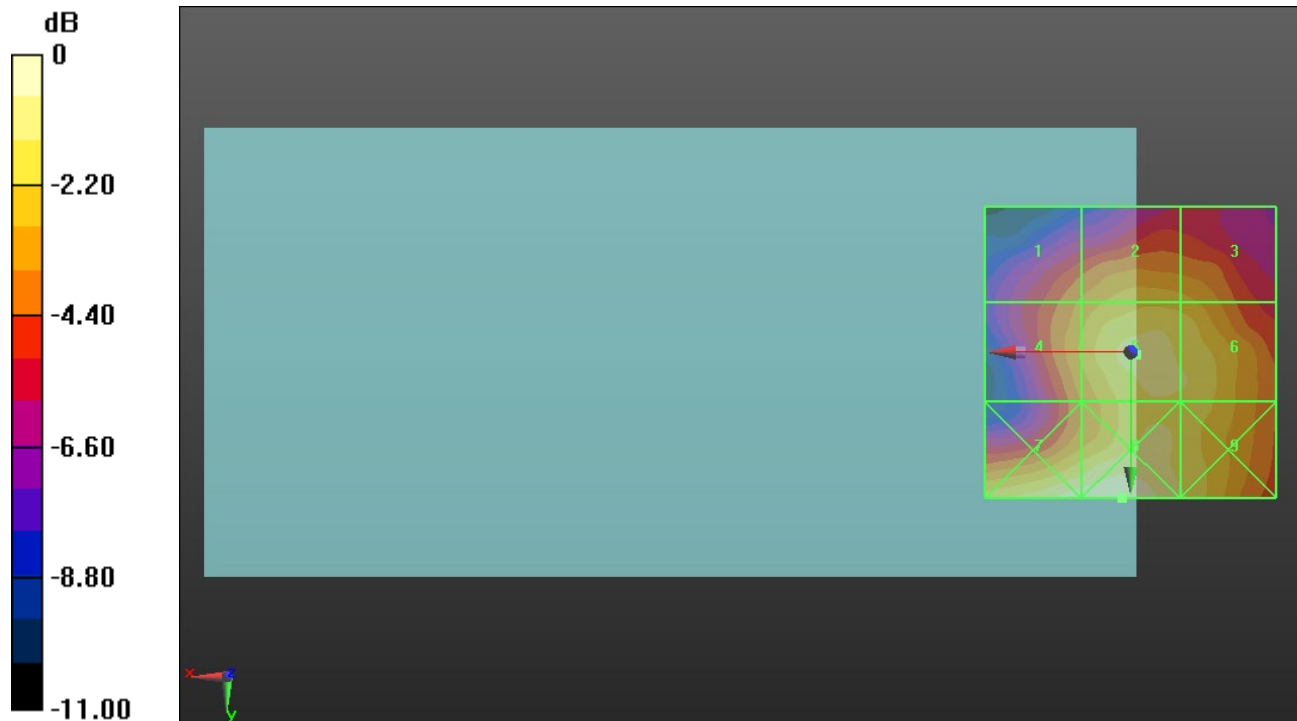
Applied MIF = -1.44 dB

RF audio interference level = 24.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.46 dBV/m	Grid 2 M4 23.62 dBV/m	Grid 3 M4 23.42 dBV/m
Grid 4 M4 23.17 dBV/m	Grid 5 M4 24.9 dBV/m	Grid 6 M4 24.58 dBV/m
Grid 7 M4 25.74 dBV/m	Grid 8 M4 25.96 dBV/m	Grid 9 M4 24.72 dBV/m



0 dB = 19.87 V/m = 25.96 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 27.75 V/m; Power Drift = -0.12 dB

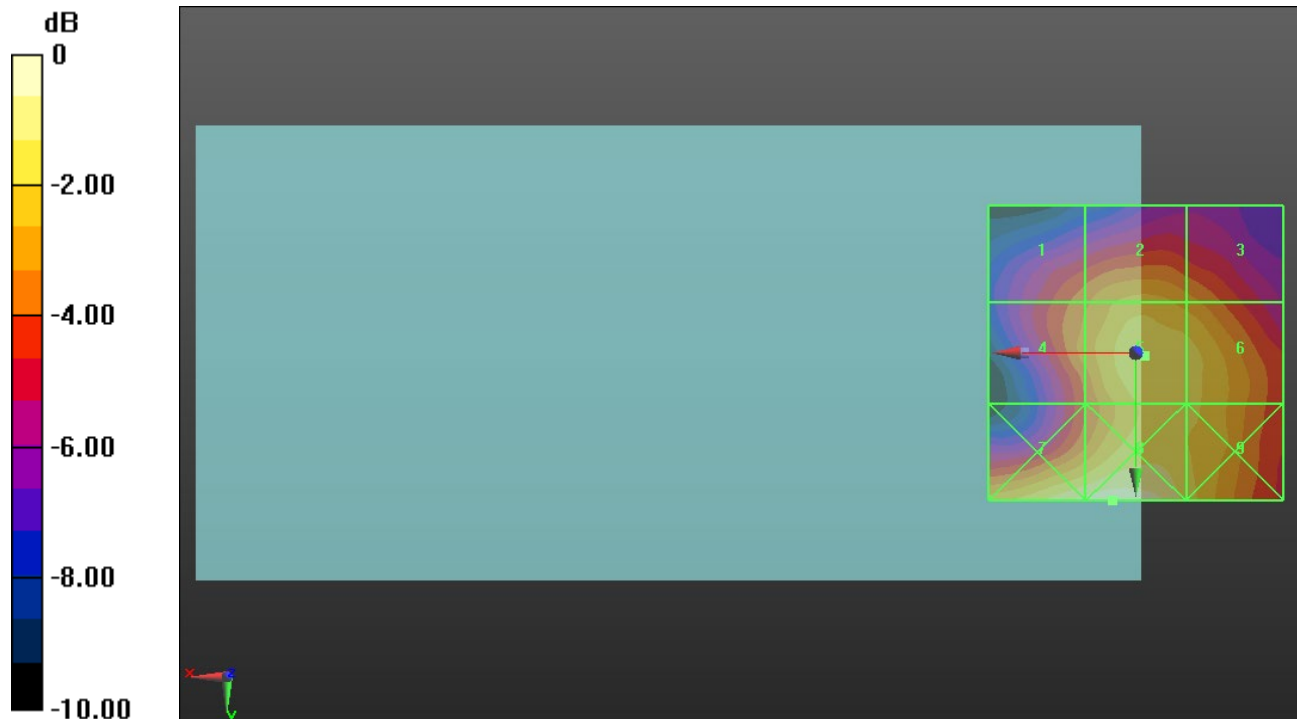
Applied MIF = -1.44 dB

RF audio interference level = 24.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.66 dBV/m	Grid 2 M4 23.75 dBV/m	Grid 3 M4 23.17 dBV/m
Grid 4 M4 23.16 dBV/m	Grid 5 M4 24.77 dBV/m	Grid 6 M4 24.46 dBV/m
Grid 7 M4 25.75 dBV/m	Grid 8 M4 26.11 dBV/m	Grid 9 M4 24.55 dBV/m



0 dB = 20.20 V/m = 26.11 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 16.24 V/m; Power Drift = 0.03 dB

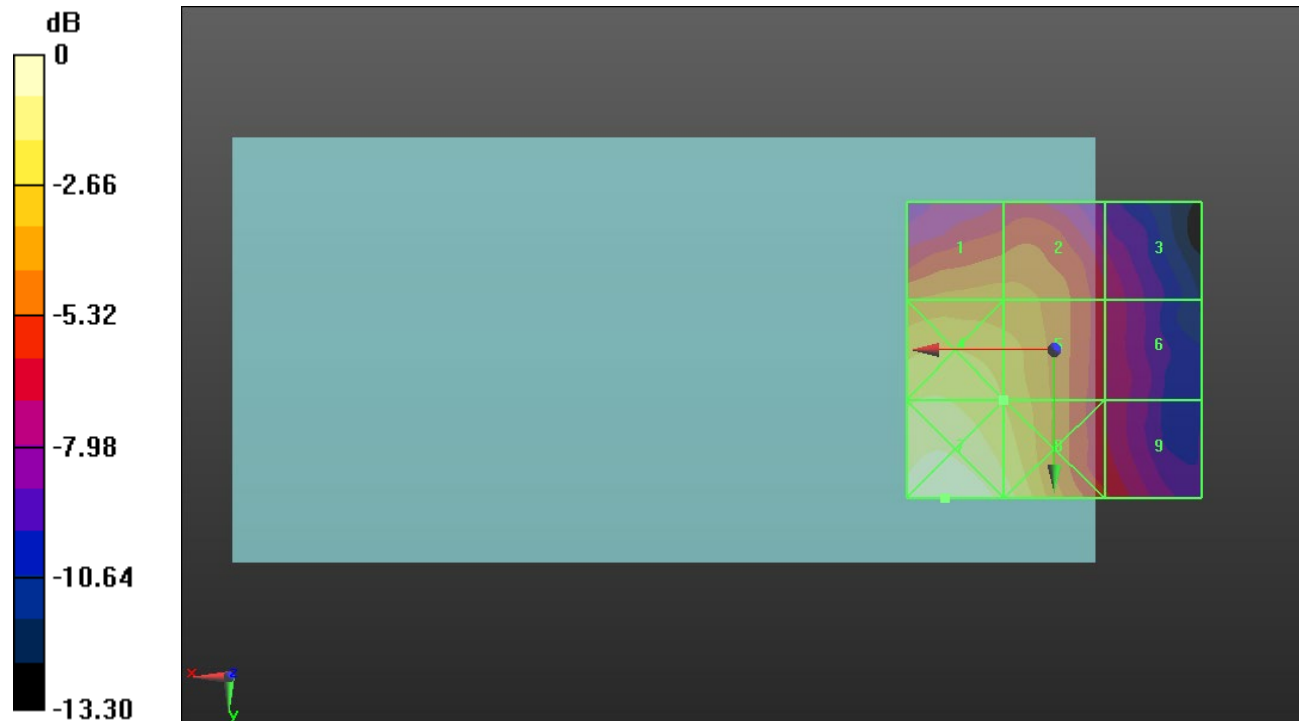
Applied MIF = -2.02 dB

RF audio interference level = 22.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.88 dBV/m	Grid 2 M4 20.84 dBV/m	Grid 3 M4 17.96 dBV/m
Grid 4 M4 23.18 dBV/m	Grid 5 M4 22.2 dBV/m	Grid 6 M4 17.98 dBV/m
Grid 7 M4 24.88 dBV/m	Grid 8 M4 23.62 dBV/m	Grid 9 M4 18.94 dBV/m



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

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.60 V/m; Power Drift = -0.10 dB

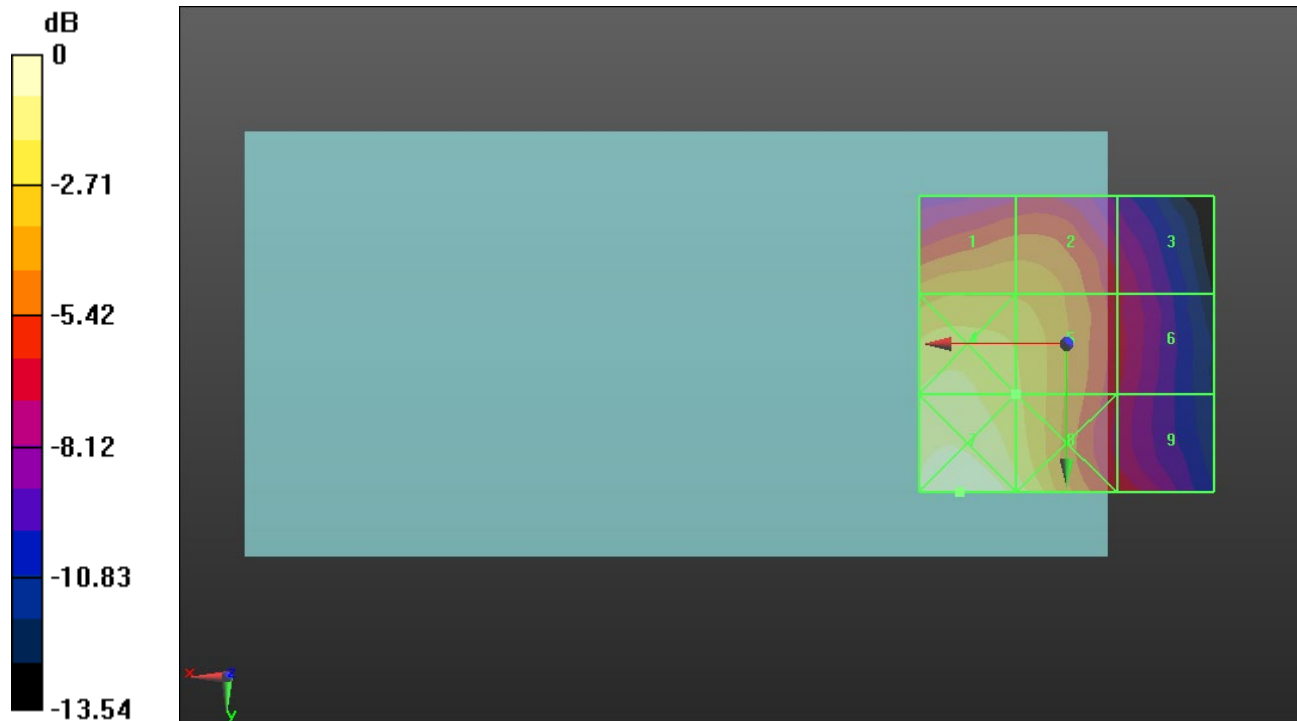
Applied MIF = -2.02 dB

RF audio interference level = 23.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.8 dBV/m	Grid 2 M4 22.72 dBV/m	Grid 3 M4 19.54 dBV/m
Grid 4 M4 24.93 dBV/m	Grid 5 M4 23.87 dBV/m	Grid 6 M4 19.68 dBV/m
Grid 7 M4 26.42 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 20.19 dBV/m



0 dB = 20.95 V/m = 26.42 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 21.30 V/m; Power Drift = -0.10 dB

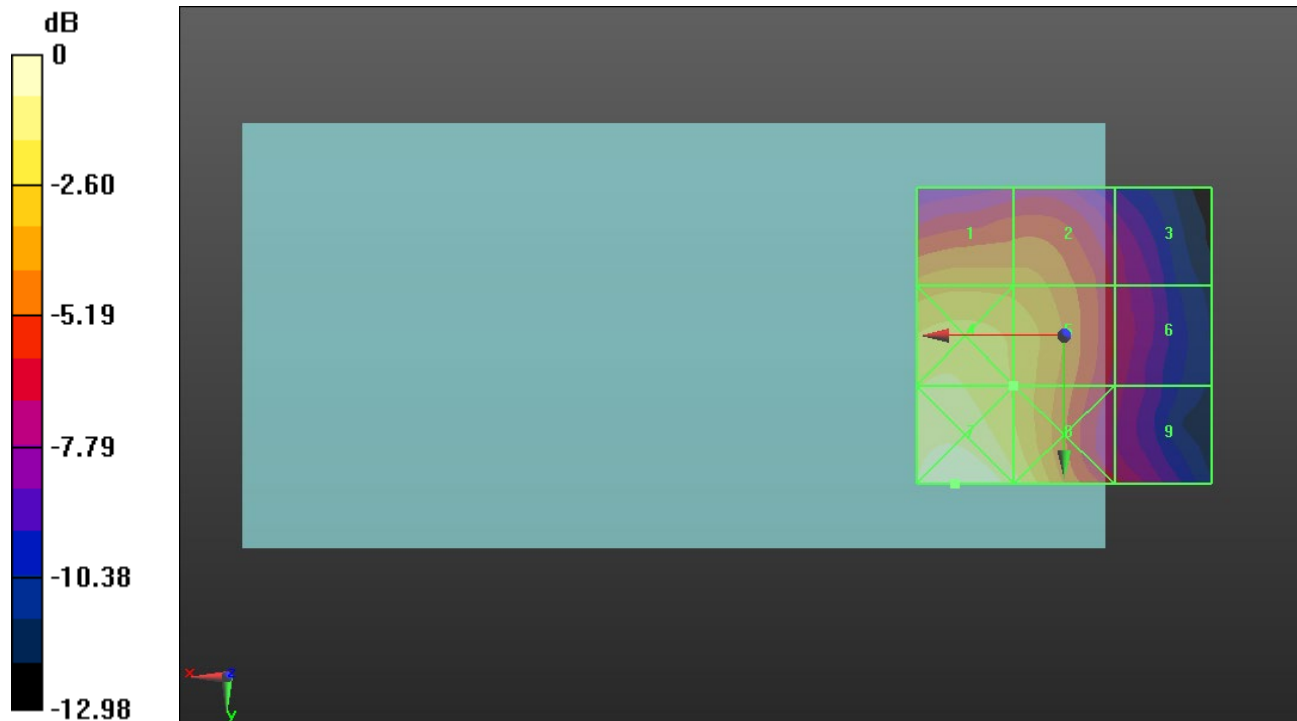
Applied MIF = -2.02 dB

RF audio interference level = 24.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.22 dBV/m	Grid 2 M4 23.04 dBV/m	Grid 3 M4 19.76 dBV/m
Grid 4 M4 25.25 dBV/m	Grid 5 M4 24.16 dBV/m	Grid 6 M4 20.06 dBV/m
Grid 7 M4 26.86 dBV/m	Grid 8 M4 25.54 dBV/m	Grid 9 M4 20.34 dBV/m



0 dB = 22.02 V/m = 26.86 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 15.34 V/m; Power Drift = 0.11 dB

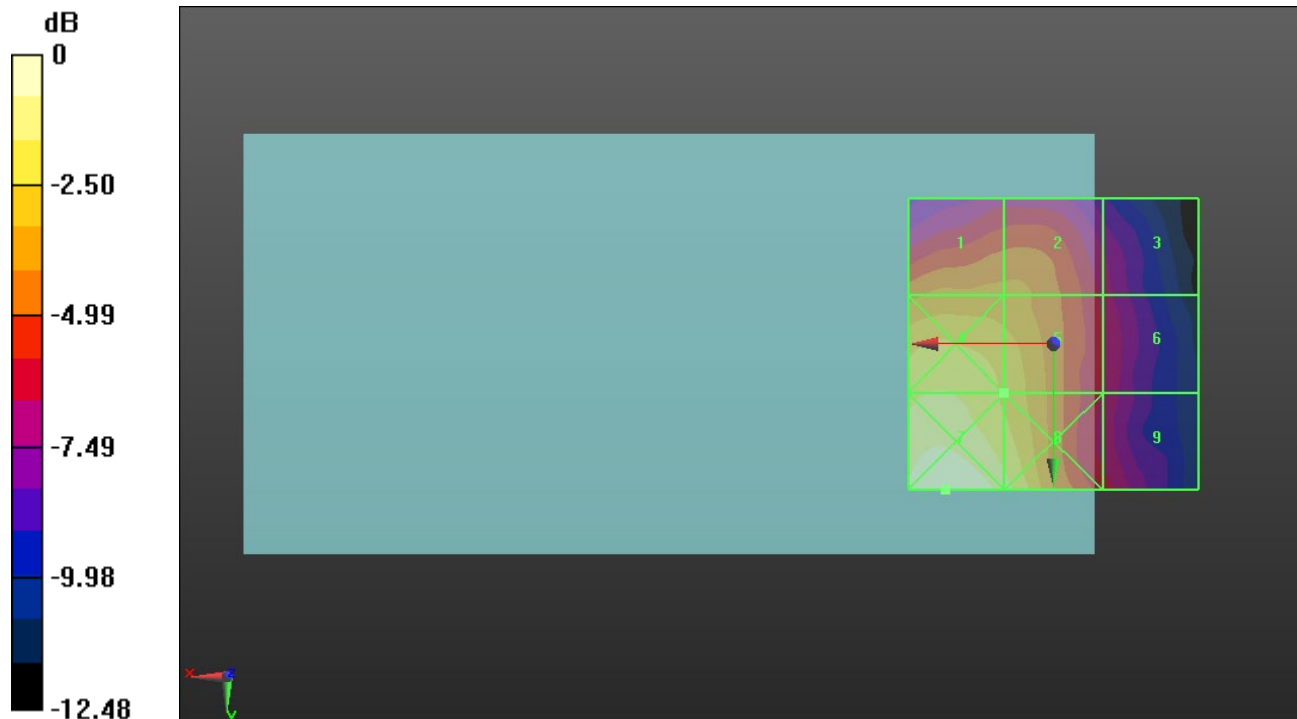
Applied MIF = 0.12 dB

RF audio interference level = 23.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.67 dBV/m	Grid 2 M4 22.65 dBV/m	Grid 3 M4 19.58 dBV/m
Grid 4 M4 24.91 dBV/m	Grid 5 M4 23.9 dBV/m	Grid 6 M4 19.93 dBV/m
Grid 7 M4 26.53 dBV/m	Grid 8 M4 25.29 dBV/m	Grid 9 M4 20.38 dBV/m



0 dB = 21.20 V/m = 26.53 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.37 V/m; Power Drift = -0.13 dB

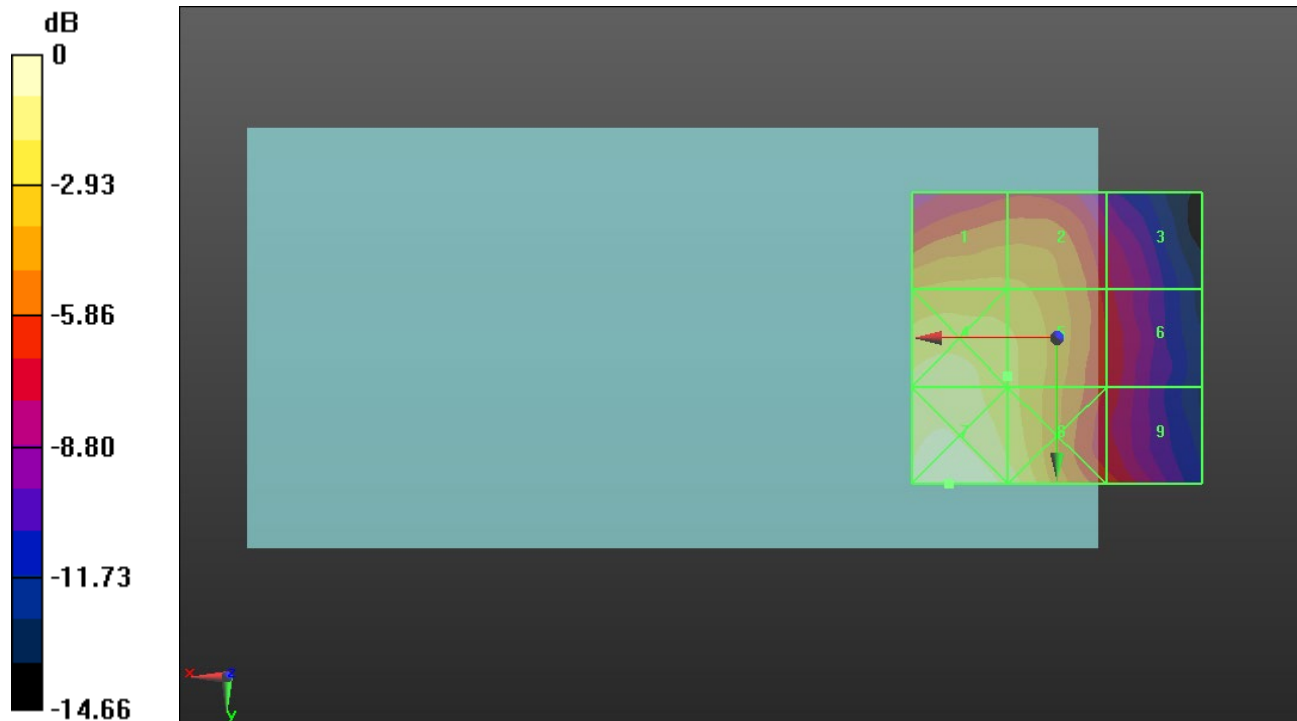
Applied MIF = 0.12 dB

RF audio interference level = 24.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.98 dBV/m	Grid 2 M4 23.92 dBV/m	Grid 3 M4 20.25 dBV/m
Grid 4 M4 26.07 dBV/m	Grid 5 M4 24.98 dBV/m	Grid 6 M4 20.85 dBV/m
Grid 7 M4 27.57 dBV/m	Grid 8 M4 26.28 dBV/m	Grid 9 M4 21.36 dBV/m



0 dB = 23.91 V/m = 27.57 dBV/m

HAC-RF Emission ANT4

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 18.27 V/m; Power Drift = 0.13 dB

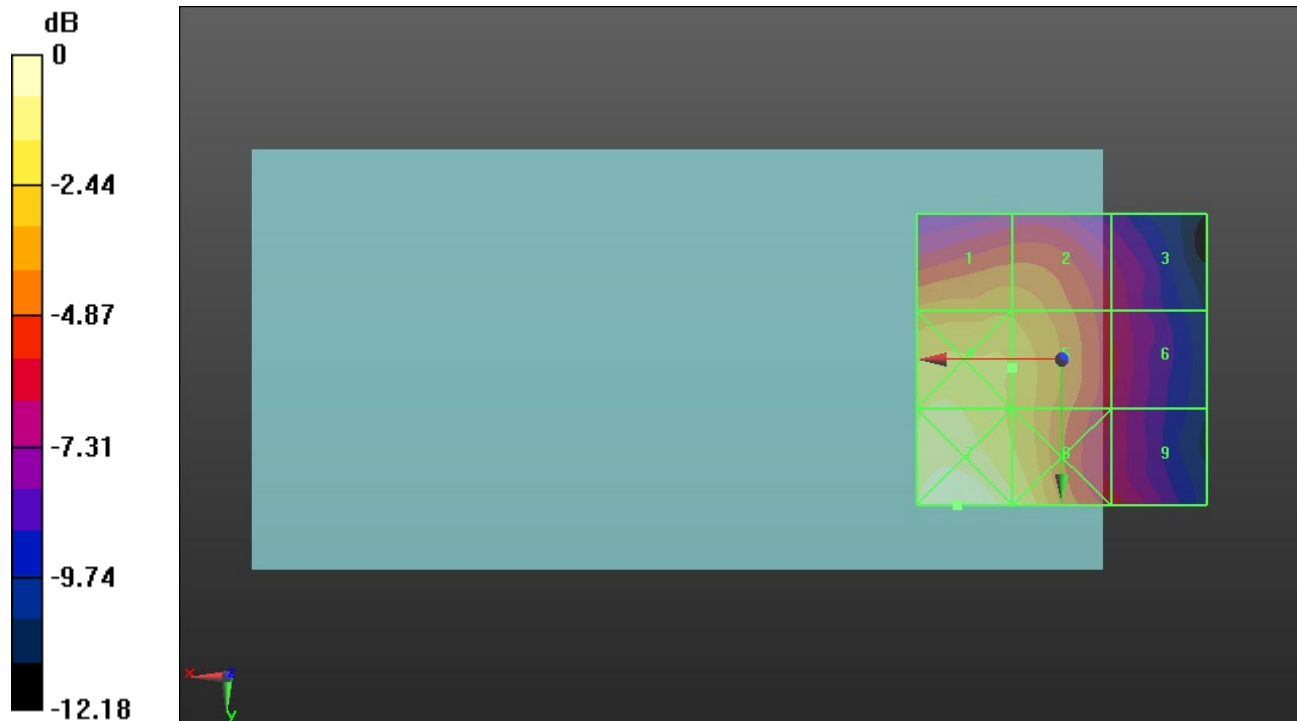
Applied MIF = 0.12 dB

RF audio interference level = 25.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.3 dBV/m	Grid 2 M4 24.24 dBV/m	Grid 3 M4 21.15 dBV/m
Grid 4 M4 26.12 dBV/m	Grid 5 M4 25.11 dBV/m	Grid 6 M4 21.45 dBV/m
Grid 7 M4 27.63 dBV/m	Grid 8 M4 26.38 dBV/m	Grid 9 M4 21.75 dBV/m



0 dB = 24.07 V/m = 27.63 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 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 = 6.397 V/m; Power Drift = -0.14 dB

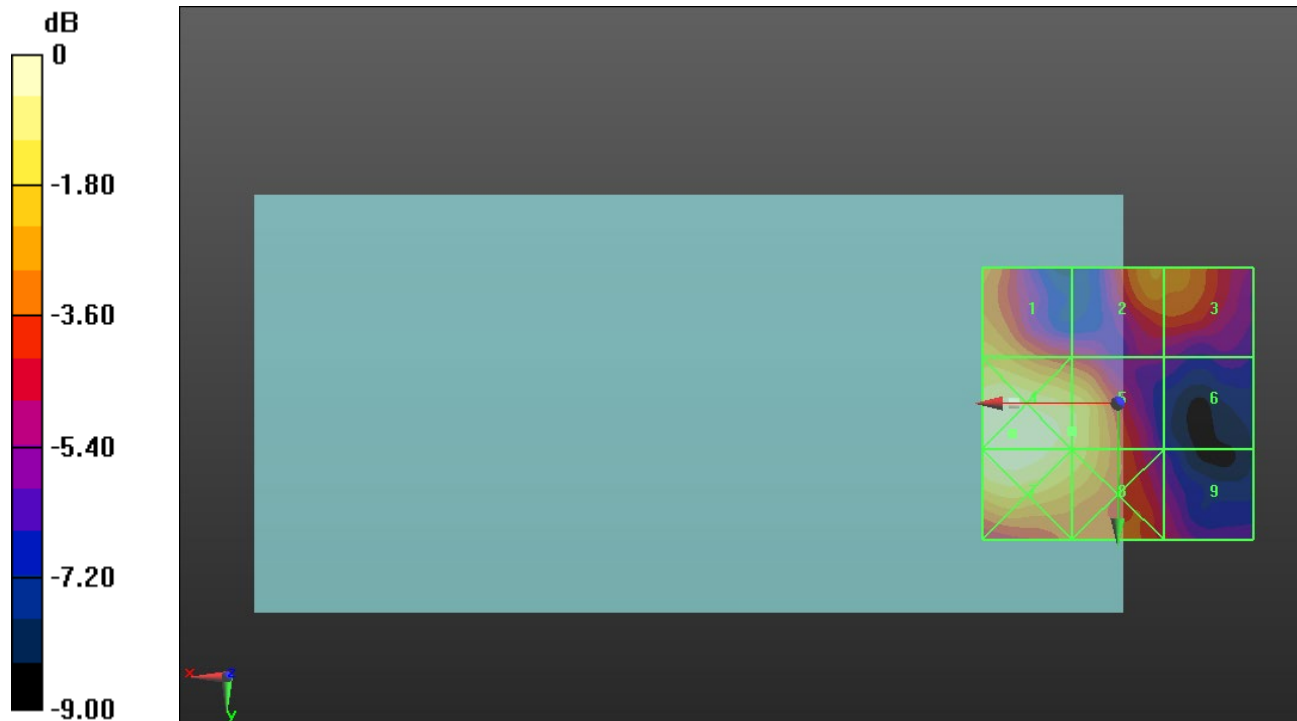
Applied MIF = -3.15 dB

RF audio interference level = 14.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.6 dBV/m	Grid 2 M4 13.31 dBV/m	Grid 3 M4 13.17 dBV/m
Grid 4 M4 15.6 dBV/m	Grid 5 M4 14.61 dBV/m	Grid 6 M4 9.8 dBV/m
Grid 7 M4 15.46 dBV/m	Grid 8 M4 14.41 dBV/m	Grid 9 M4 11.07 dBV/m



0 dB = 6.025 V/m = 15.60 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 44/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.401 V/m; Power Drift = -0.16 dB

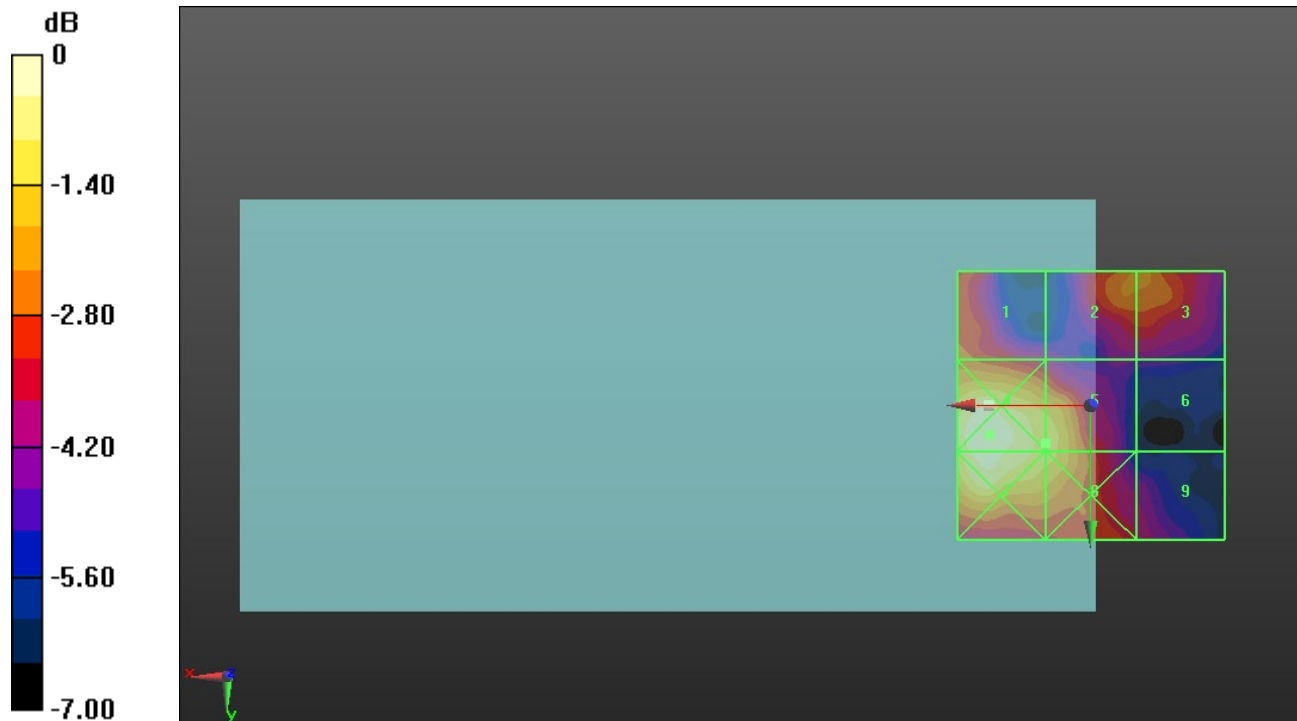
Applied MIF = -3.15 dB

RF audio interference level = 15.19 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.83 dBV/m	Grid 2 M4 14.12 dBV/m	Grid 3 M4 14.15 dBV/m
Grid 4 M4 16.32 dBV/m	Grid 5 M4 15.19 dBV/m	Grid 6 M4 11.76 dBV/m
Grid 7 M4 16.17 dBV/m	Grid 8 M4 15.14 dBV/m	Grid 9 M4 12.67 dBV/m



0 dB = 6.544 V/m = 16.32 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 48/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.448 V/m; Power Drift = -0.16 dB

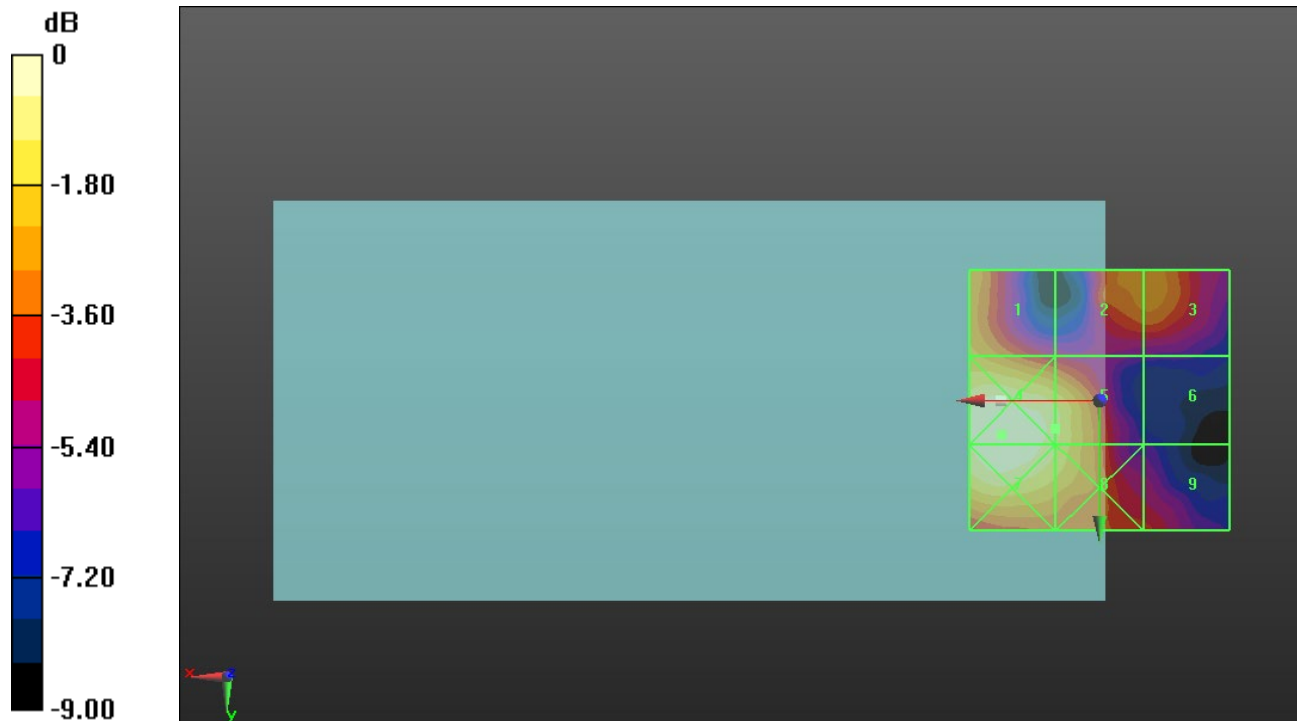
Applied MIF = -3.15 dB

RF audio interference level = 14.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.64 dBV/m	Grid 2 M4 13.4 dBV/m	Grid 3 M4 13.38 dBV/m
Grid 4 M4 15.82 dBV/m	Grid 5 M4 14.85 dBV/m	Grid 6 M4 9.7 dBV/m
Grid 7 M4 15.78 dBV/m	Grid 8 M4 14.7 dBV/m	Grid 9 M4 11.91 dBV/m



0 dB = 6.179 V/m = 15.82 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 52/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.476 V/m; Power Drift = 0.09 dB

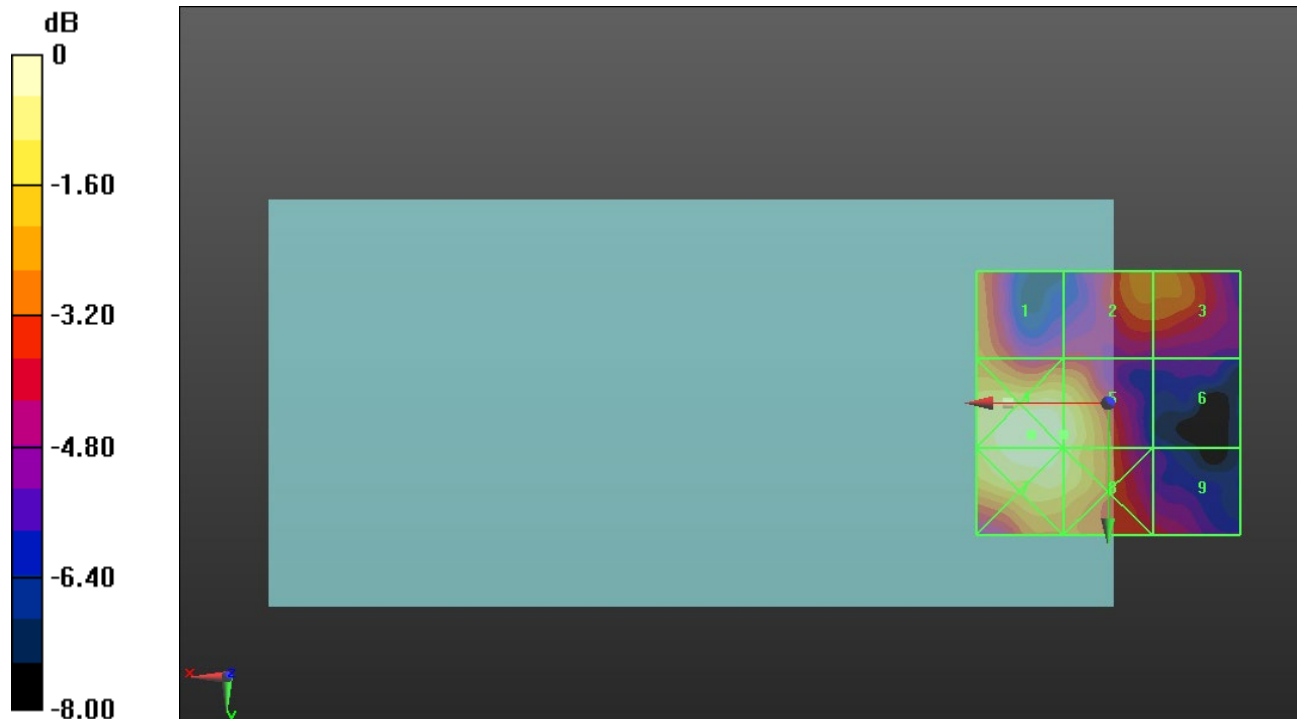
Applied MIF = -3.15 dB

RF audio interference level = 15.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.45 dBV/m	Grid 2 M4 13.79 dBV/m	Grid 3 M4 13.78 dBV/m
Grid 4 M4 15.91 dBV/m	Grid 5 M4 15.39 dBV/m	Grid 6 M4 10.7 dBV/m
Grid 7 M4 15.76 dBV/m	Grid 8 M4 15.28 dBV/m	Grid 9 M4 12.15 dBV/m



0 dB = 6.246 V/m = 15.91 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 56/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.627 V/m; Power Drift = -0.05 dB

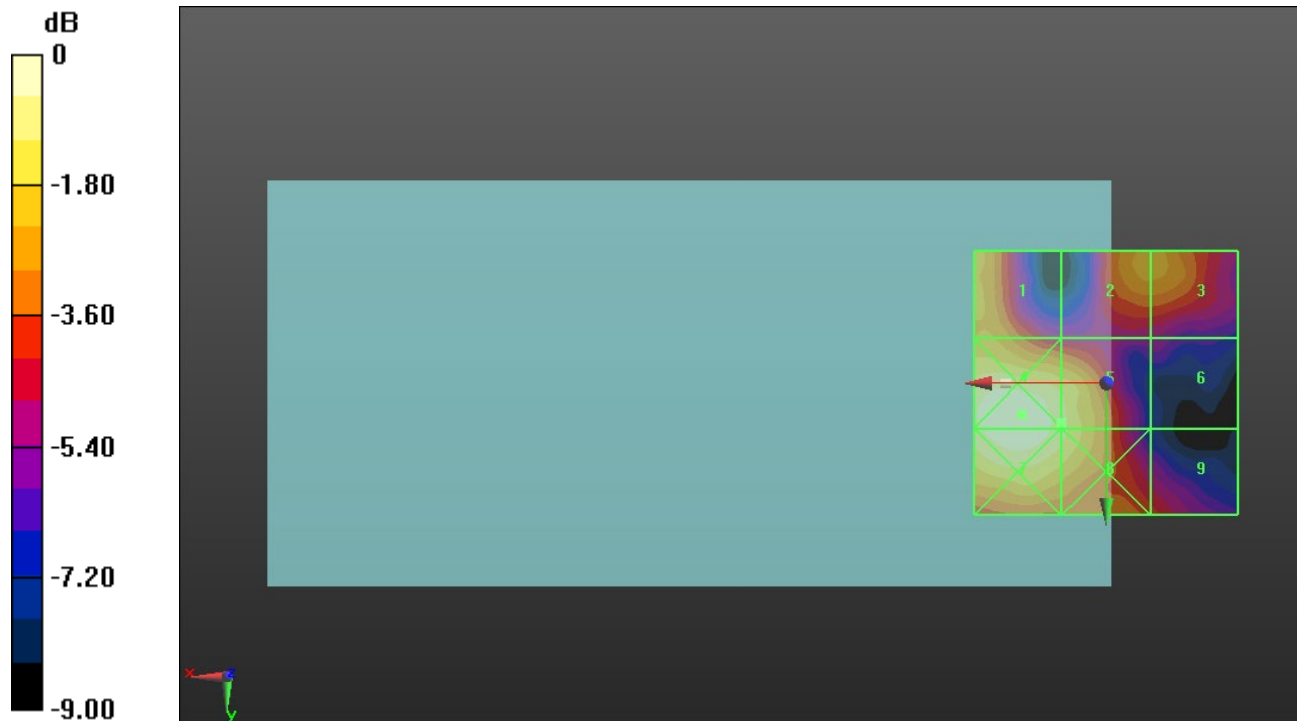
Applied MIF = -3.15 dB

RF audio interference level = 14.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.68 dBV/m	Grid 2 M4 13.79 dBV/m	Grid 3 M4 13.77 dBV/m
Grid 4 M4 15.87 dBV/m	Grid 5 M4 14.91 dBV/m	Grid 6 M4 10.41 dBV/m
Grid 7 M4 15.75 dBV/m	Grid 8 M4 14.9 dBV/m	Grid 9 M4 11.98 dBV/m



0 dB = 6.218 V/m = 15.87 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 60/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.071 V/m; Power Drift = -0.00 dB

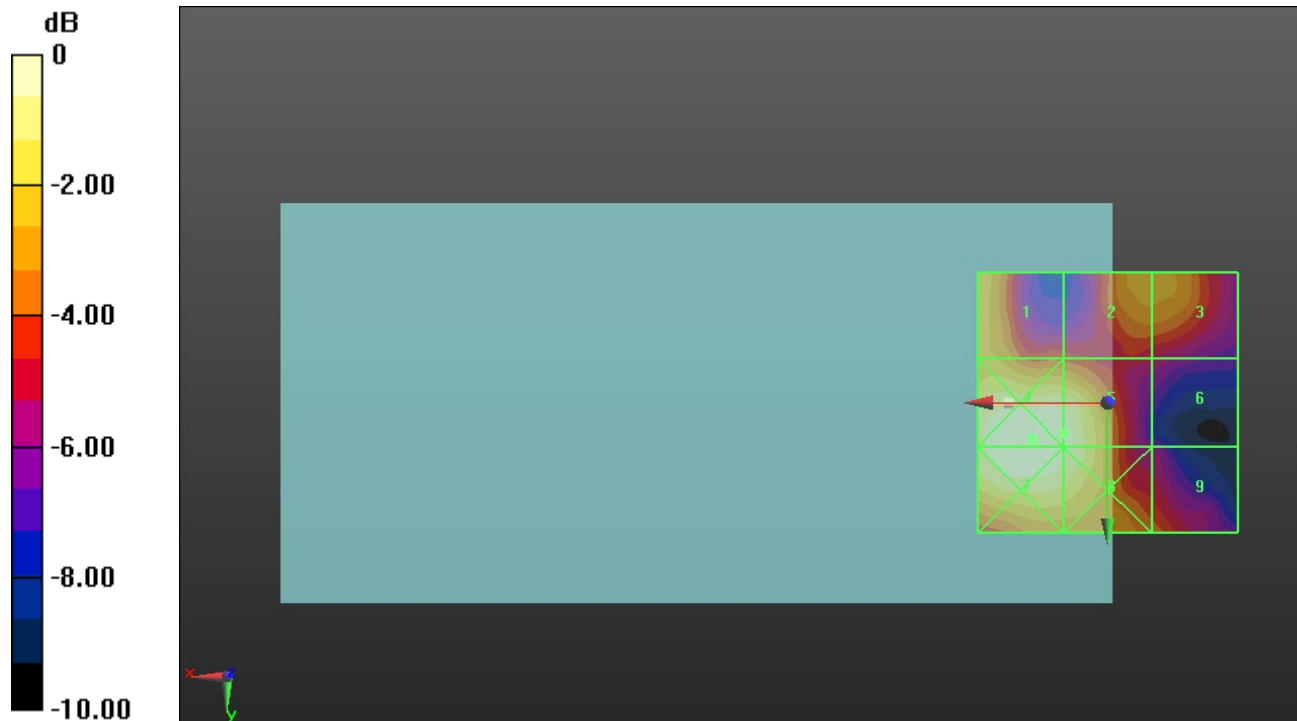
Applied MIF = -3.15 dB

RF audio interference level = 15.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.58 dBV/m	Grid 2 M4 13.7 dBV/m	Grid 3 M4 13.56 dBV/m
Grid 4 M4 15.88 dBV/m	Grid 5 M4 15.53 dBV/m	Grid 6 M4 10.59 dBV/m
Grid 7 M4 15.83 dBV/m	Grid 8 M4 15.42 dBV/m	Grid 9 M4 12.32 dBV/m



0 dB = 6.222 V/m = 15.88 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 104/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.574 V/m; Power Drift = 0.10 dB

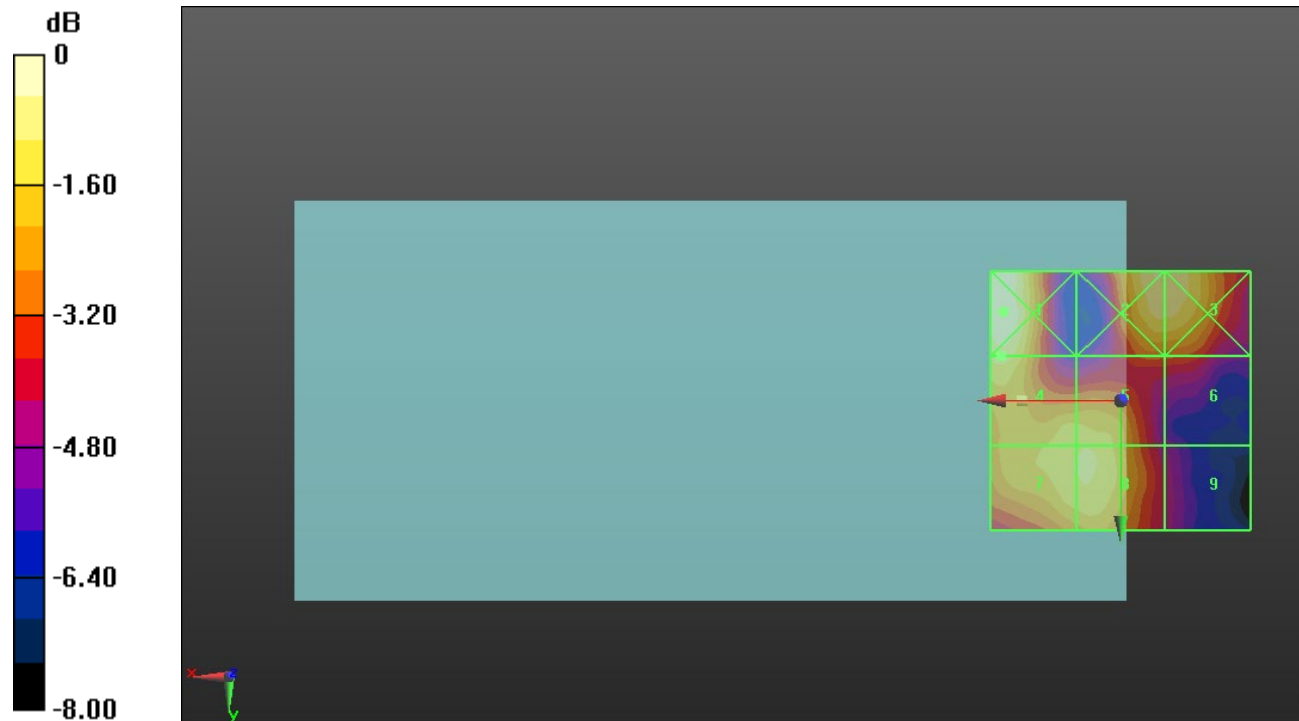
Applied MIF = -3.15 dB

RF audio interference level = 15.35 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.14 dBV/m	Grid 2 M4 15.67 dBV/m	Grid 3 M4 15.56 dBV/m
Grid 4 M4 15.35 dBV/m	Grid 5 M4 15.03 dBV/m	Grid 6 M4 13.1 dBV/m
Grid 7 M4 15.1 dBV/m	Grid 8 M4 15.18 dBV/m	Grid 9 M4 11.82 dBV/m



0 dB = 6.414 V/m = 16.14 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 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 = 8.976 V/m; Power Drift = 0.13 dB

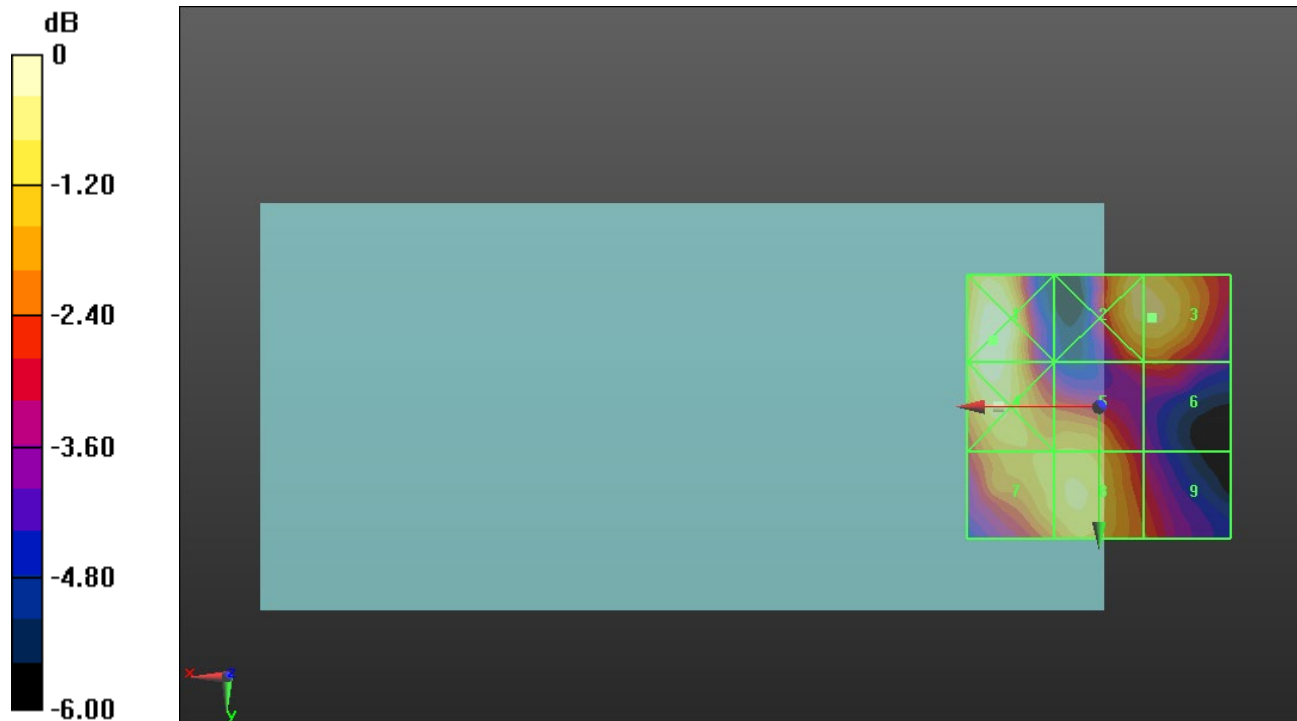
Applied MIF = -3.15 dB

RF audio interference level = 15.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.34 dBV/m	Grid 2 M4 15.67 dBV/m	Grid 3 M4 15.65 dBV/m
Grid 4 M4 16.23 dBV/m	Grid 5 M4 15.21 dBV/m	Grid 6 M4 14.07 dBV/m
Grid 7 M4 15.4 dBV/m	Grid 8 M4 15.6 dBV/m	Grid 9 M4 14.04 dBV/m



0 dB = 6.560 V/m = 16.34 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 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 = 8.986 V/m; Power Drift = 0.08 dB

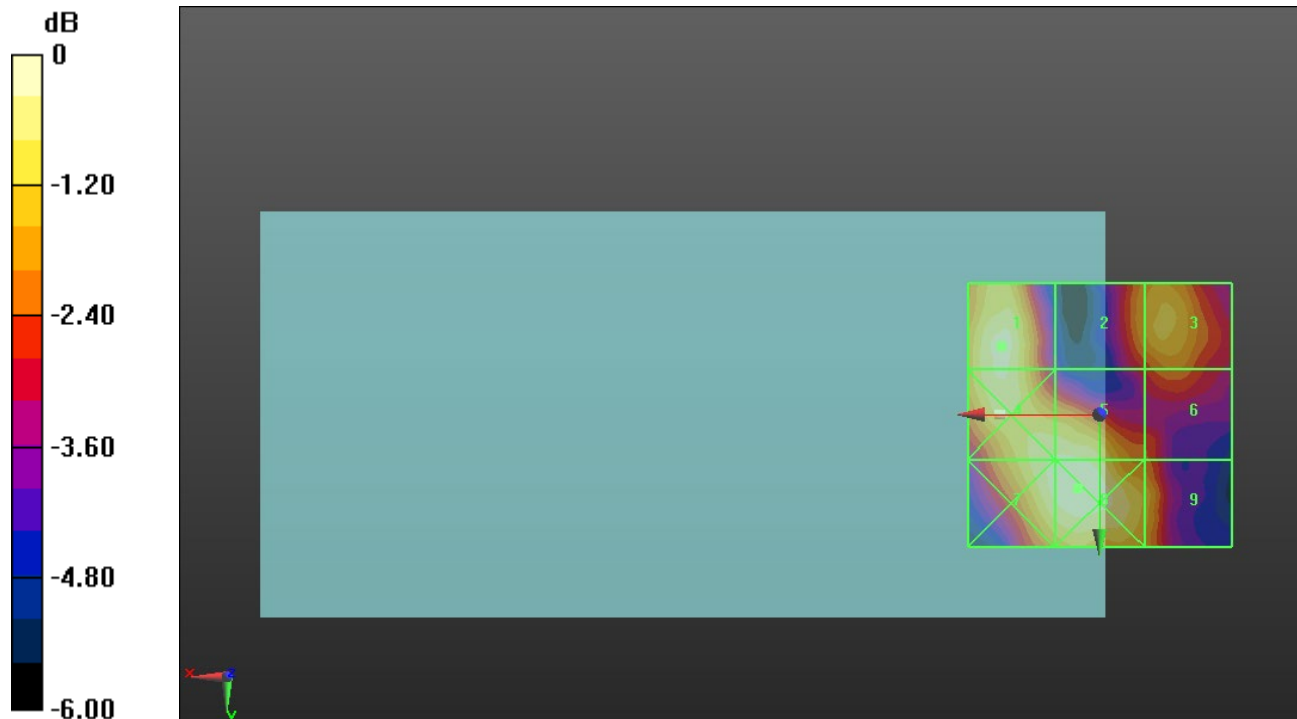
Applied MIF = -3.15 dB

RF audio interference level = 15.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.62 dBV/m	Grid 2 M4 14.35 dBV/m	Grid 3 M4 14.85 dBV/m
Grid 4 M4 15.55 dBV/m	Grid 5 M4 15.58 dBV/m	Grid 6 M4 13.88 dBV/m
Grid 7 M4 15.65 dBV/m	Grid 8 M4 15.89 dBV/m	Grid 9 M4 14.62 dBV/m



0 dB = 6.229 V/m = 15.89 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 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 = 9.205 V/m; Power Drift = 0.06 dB

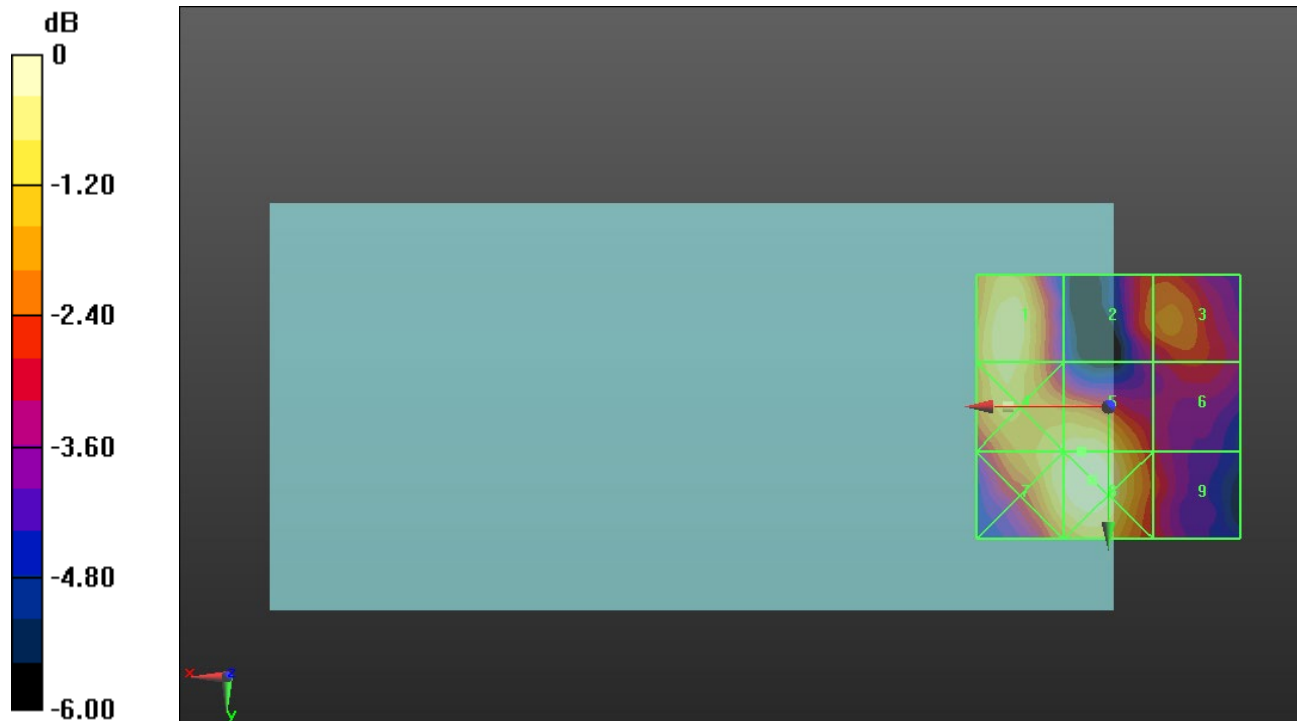
Applied MIF = -3.15 dB

RF audio interference level = 15.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.85 dBV/m	Grid 2 M4 14.27 dBV/m	Grid 3 M4 14.56 dBV/m
Grid 4 M4 15.68 dBV/m	Grid 5 M4 15.93 dBV/m	Grid 6 M4 13.67 dBV/m
Grid 7 M4 15.93 dBV/m	Grid 8 M4 16.31 dBV/m	Grid 9 M4 13.79 dBV/m



0 dB = 6.541 V/m = 16.31 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 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 = 8.498 V/m; Power Drift = 0.11 dB

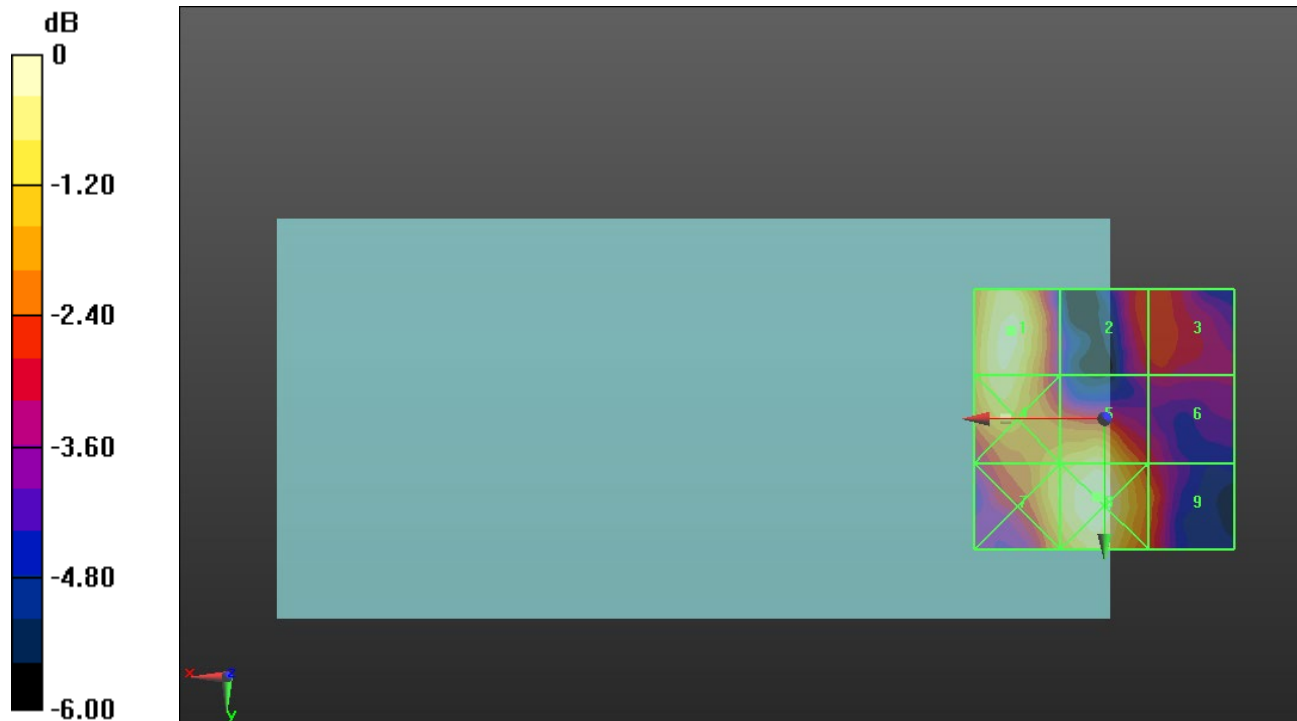
Applied MIF = -3.15 dB

RF audio interference level = 15.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.69 dBV/m	Grid 2 M4 13.52 dBV/m	Grid 3 M4 13.53 dBV/m
Grid 4 M4 15.5 dBV/m	Grid 5 M4 15.37 dBV/m	Grid 6 M4 13.15 dBV/m
Grid 7 M4 15.25 dBV/m	Grid 8 M4 15.96 dBV/m	Grid 9 M4 13.86 dBV/m



0 dB = 6.277 V/m = 15.96 dBV/m

HAC-RF Emission ANT5

Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 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 = 6.780 V/m; Power Drift = 0.10 dB

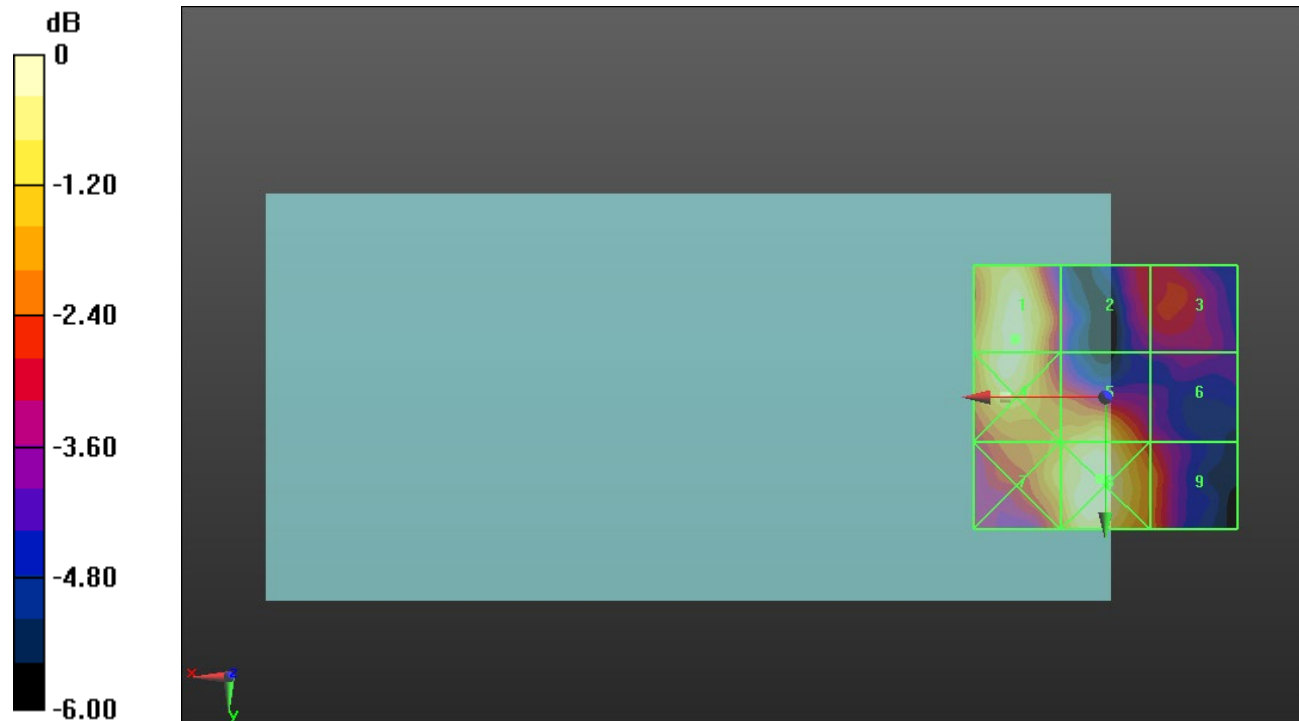
Applied MIF = -3.15 dB

RF audio interference level = 13.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 13.87 dBV/m	Grid 2 M4 11.18 dBV/m	Grid 3 M4 11.41 dBV/m
Grid 4 M4 13.82 dBV/m	Grid 5 M4 13.41 dBV/m	Grid 6 M4 11.08 dBV/m
Grid 7 M4 13.1 dBV/m	Grid 8 M4 14.02 dBV/m	Grid 9 M4 12.06 dBV/m



0 dB = 5.021 V/m = 14.02 dBV/m

HAC-RF Emission ANT7

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 8.383 V/m; Power Drift = -0.17 dB

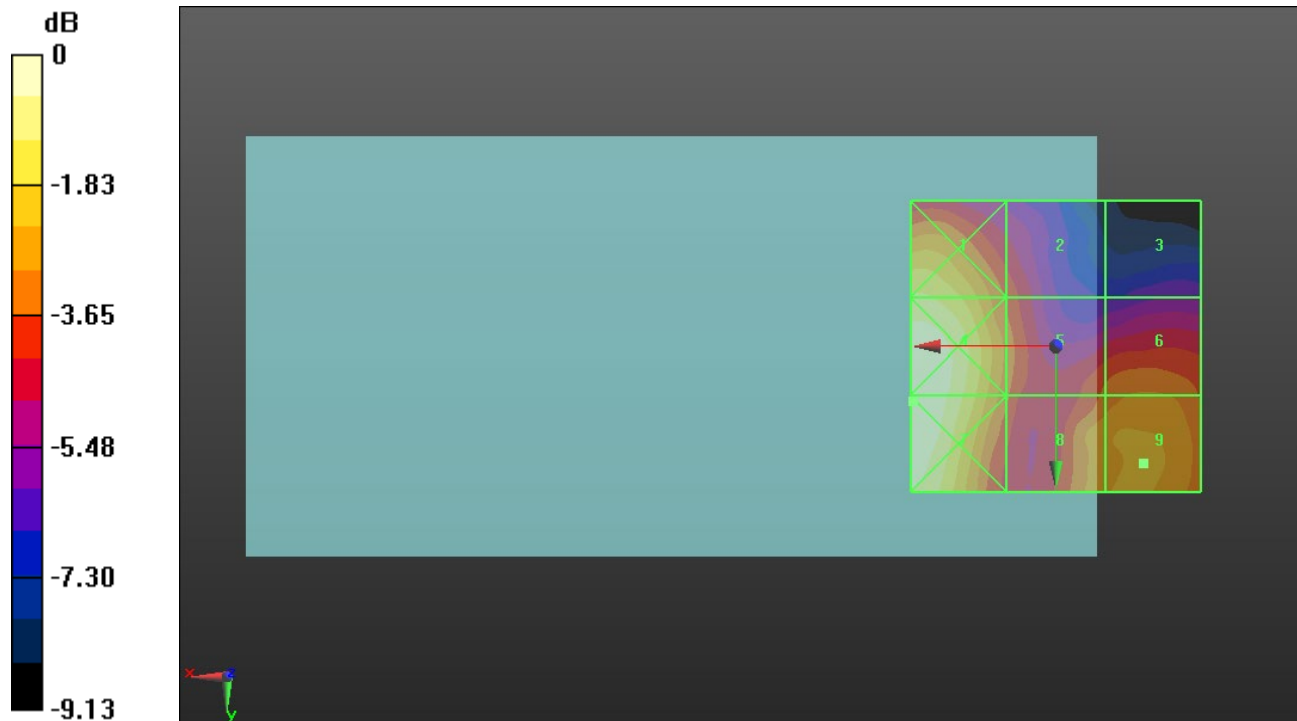
Applied MIF = -1.44 dB

RF audio interference level = 20.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.58 dBV/m	Grid 2 M4 18.94 dBV/m	Grid 3 M4 16.65 dBV/m
Grid 4 M4 22.67 dBV/m	Grid 5 M4 19.52 dBV/m	Grid 6 M4 19.73 dBV/m
Grid 7 M4 22.68 dBV/m	Grid 8 M4 20.17 dBV/m	Grid 9 M4 20.5 dBV/m



0 dB = 13.61 V/m = 22.68 dBV/m

HAC-RF Emission ANT7

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 8.135 V/m; Power Drift = 0.19 dB

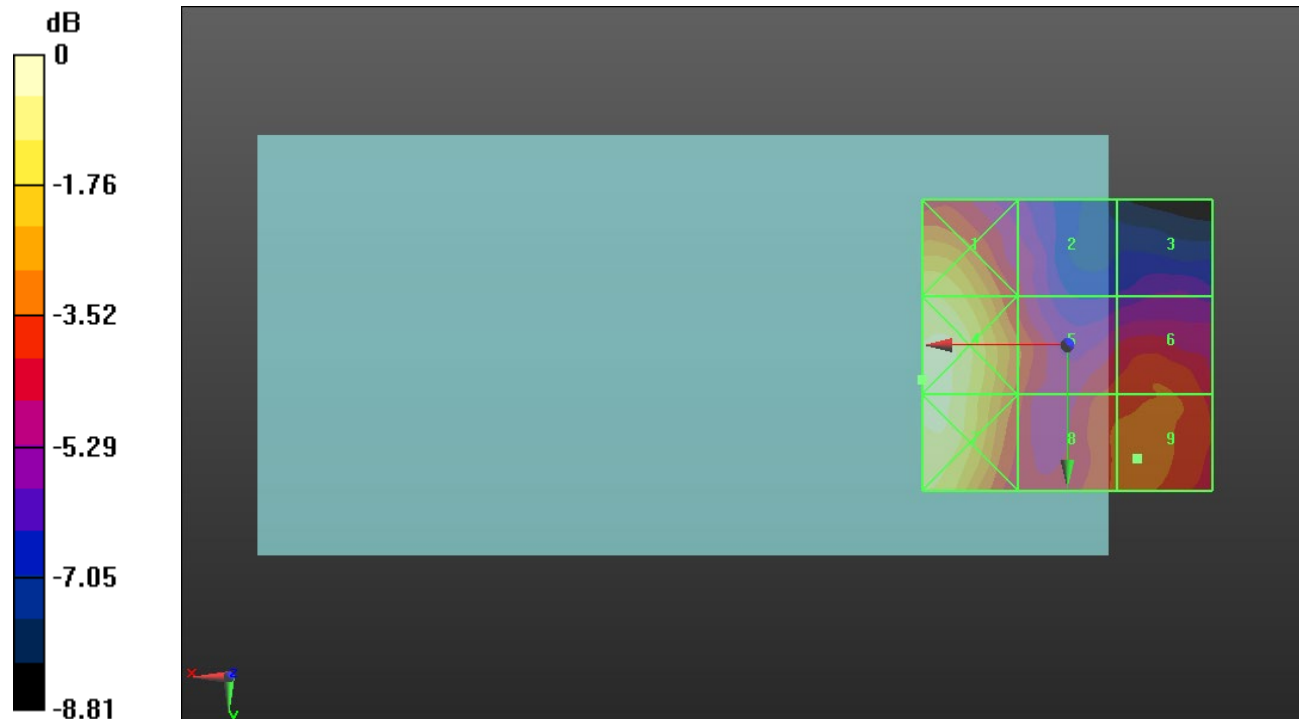
Applied MIF = -1.44 dB

RF audio interference level = 20.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.12 dBV/m	Grid 2 M4 18.88 dBV/m	Grid 3 M4 17.51 dBV/m
Grid 4 M4 23.25 dBV/m	Grid 5 M4 19.9 dBV/m	Grid 6 M4 19.77 dBV/m
Grid 7 M4 23.16 dBV/m	Grid 8 M4 19.92 dBV/m	Grid 9 M4 20.14 dBV/m



0 dB = 14.54 V/m = 23.25 dBV/m

HAC-RF Emission ANT7

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.076 V/m; Power Drift = 0.16 dB

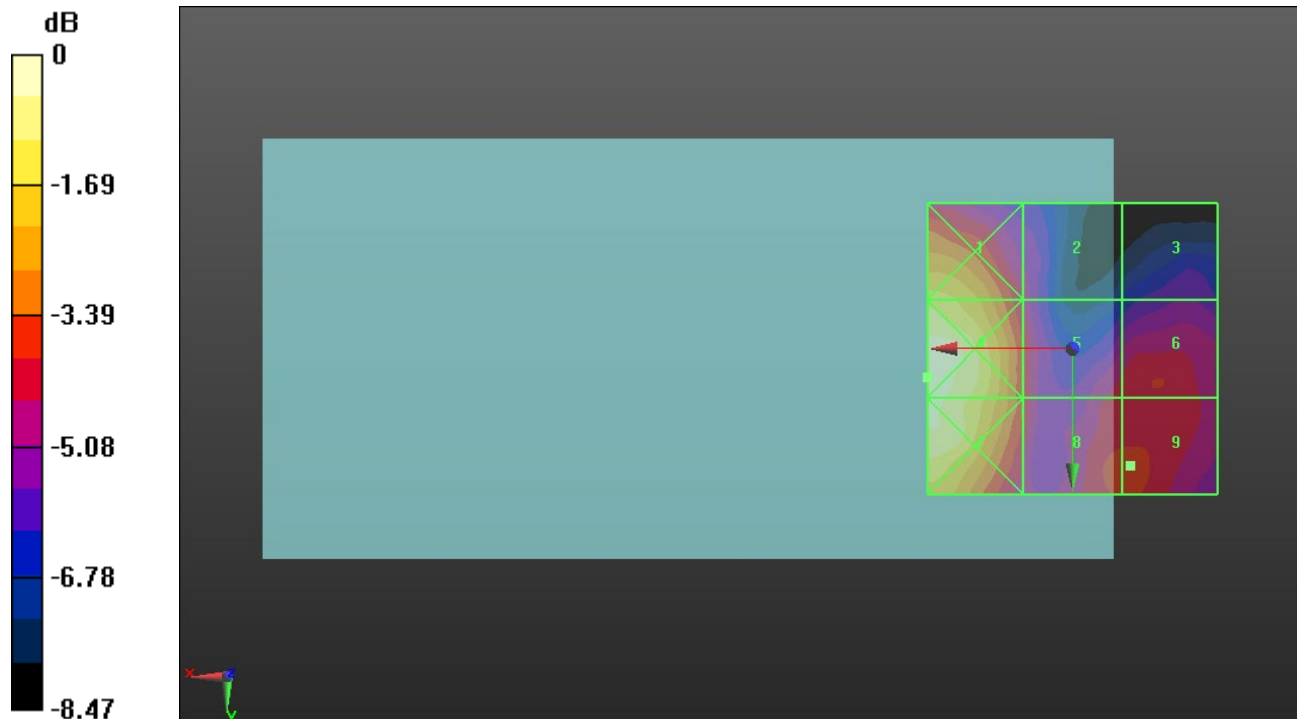
Applied MIF = -1.44 dB

RF audio interference level = 19.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.88 dBV/m	Grid 2 M4 18.71 dBV/m	Grid 3 M4 17.68 dBV/m
Grid 4 M4 23.29 dBV/m	Grid 5 M4 19.44 dBV/m	Grid 6 M4 19.38 dBV/m
Grid 7 M4 22.95 dBV/m	Grid 8 M4 19.63 dBV/m	Grid 9 M4 19.66 dBV/m



0 dB = 14.60 V/m = 23.29 dBV/m

HAC-RF Emission ANT7

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 6.674 V/m; Power Drift = -0.17 dB

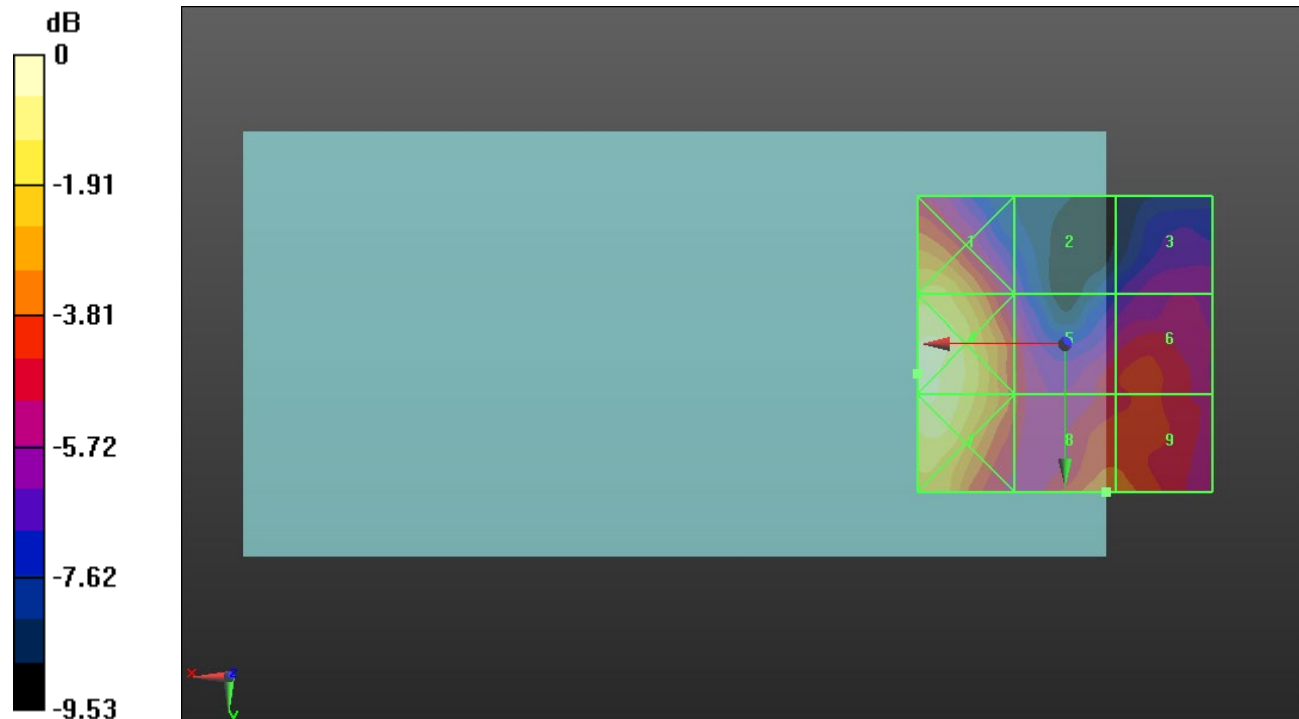
Applied MIF = -1.44 dB

RF audio interference level = 19.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.68 dBV/m	Grid 2 M4 17.24 dBV/m	Grid 3 M4 17.6 dBV/m
Grid 4 M4 23.31 dBV/m	Grid 5 M4 19.08 dBV/m	Grid 6 M4 19.08 dBV/m
Grid 7 M4 22.83 dBV/m	Grid 8 M4 19.89 dBV/m	Grid 9 M4 19.83 dBV/m



0 dB = 14.63 V/m = 23.30 dBV/m

HAC-RF Emission ANT8

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.00 V/m; Power Drift = -0.17 dB

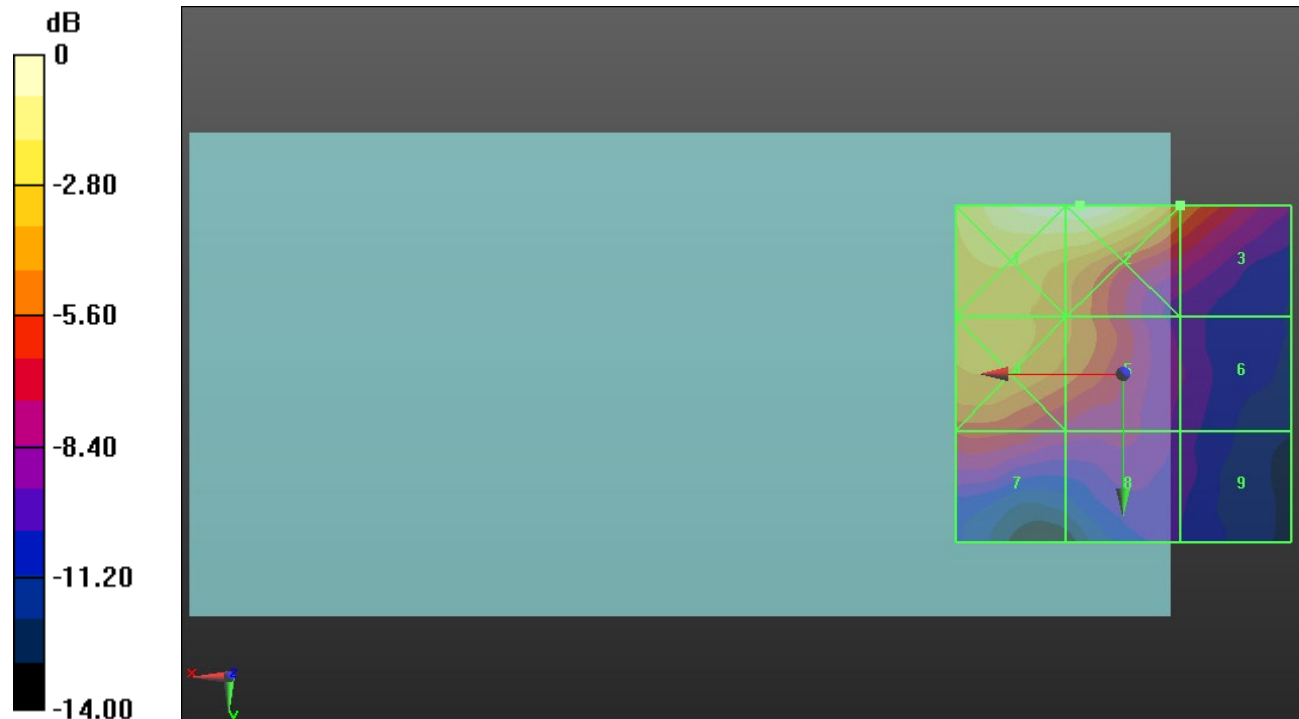
Applied MIF = -1.44 dB

RF audio interference level = 20.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.01 dBV/m	Grid 2 M4 25.19 dBV/m	Grid 3 M4 20.83 dBV/m
Grid 4 M4 22.11 dBV/m	Grid 5 M4 20.75 dBV/m	Grid 6 M4 16 dBV/m
Grid 7 M4 19.13 dBV/m	Grid 8 M4 17.39 dBV/m	Grid 9 M4 15.55 dBV/m



0 dB = 18.17 V/m = 25.19 dBV/m

HAC-RF Emission ANT8

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.66 V/m; Power Drift = 0.13 dB

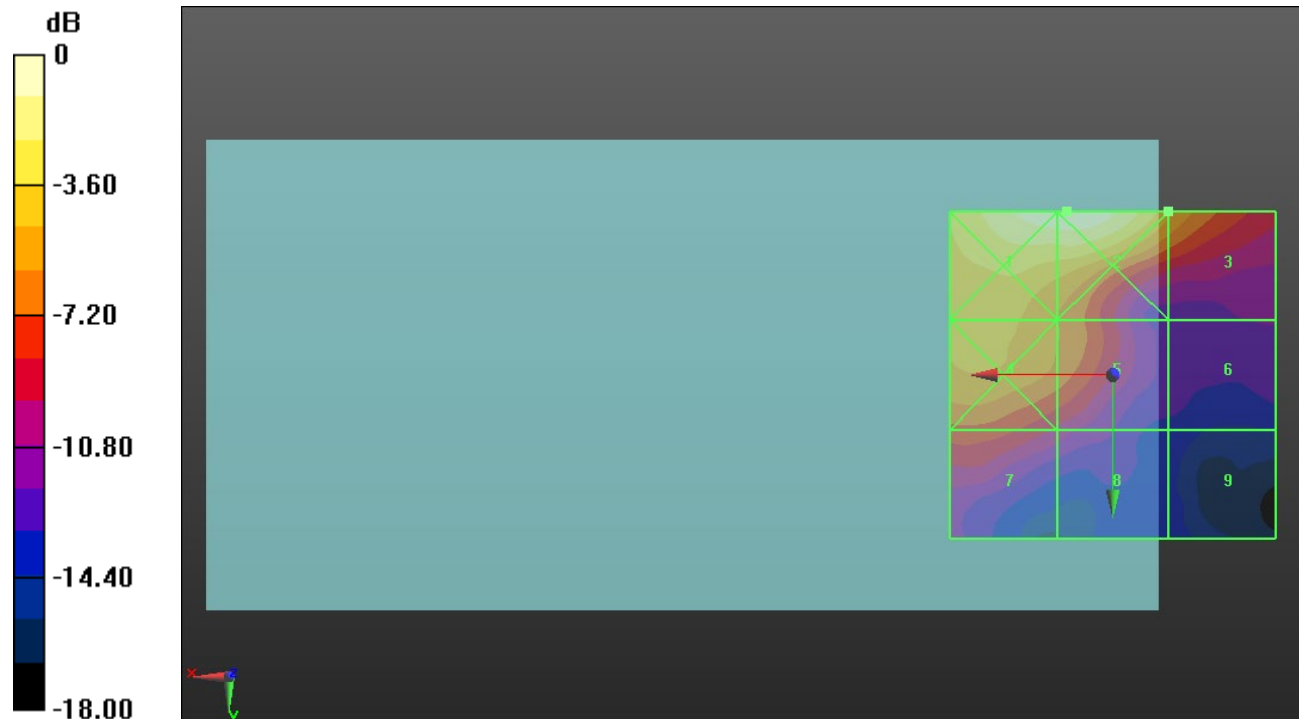
Applied MIF = -1.44 dB

RF audio interference level = 21.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.96 dBV/m	Grid 2 M4 26.05 dBV/m	Grid 3 M4 21.56 dBV/m
Grid 4 M4 21.99 dBV/m	Grid 5 M4 20.16 dBV/m	Grid 6 M4 14.23 dBV/m
Grid 7 M4 18.56 dBV/m	Grid 8 M4 16.16 dBV/m	Grid 9 M4 12.55 dBV/m



0 dB = 20.06 V/m = 26.05 dBV/m

HAC-RF Emission ANT8

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.25 V/m; Power Drift = -0.26 dB

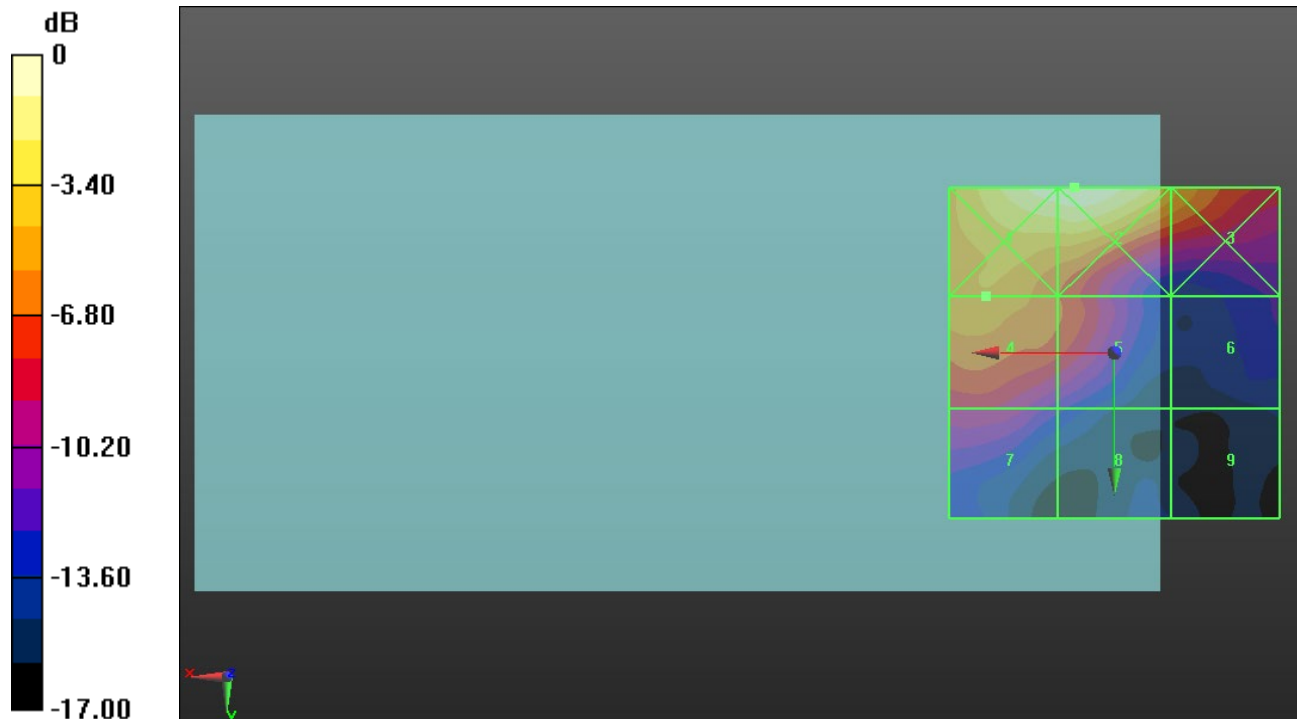
Applied MIF = -1.44 dB

RF audio interference level = 21.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.51 dBV/m	Grid 2 M4 26.68 dBV/m	Grid 3 M4 22.79 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 20.11 dBV/m	Grid 6 M4 14.44 dBV/m
Grid 7 M4 17.72 dBV/m	Grid 8 M4 14.61 dBV/m	Grid 9 M4 12.21 dBV/m



0 dB = 21.57 V/m = 26.68 dBV/m

HAC-RF Emission ANT8

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.47 V/m; Power Drift = 0.16 dB

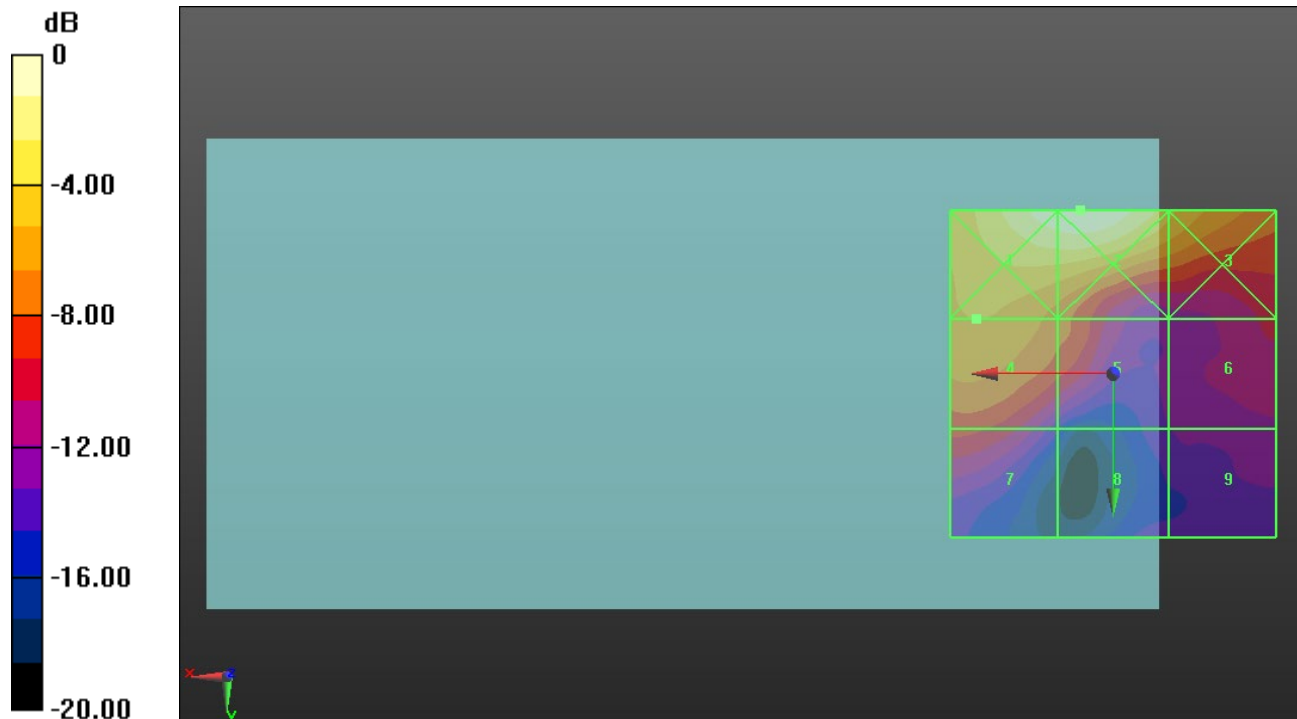
Applied MIF = -1.44 dB

RF audio interference level = 21.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.16 dBV/m	Grid 2 M4 26.46 dBV/m	Grid 3 M4 22.88 dBV/m
Grid 4 M4 21.16 dBV/m	Grid 5 M4 19.23 dBV/m	Grid 6 M4 16.09 dBV/m
Grid 7 M4 17.61 dBV/m	Grid 8 M4 13.08 dBV/m	Grid 9 M4 14.14 dBV/m



0 dB = 21.03 V/m = 26.46 dBV/m

HAC-RF Emission ANT9

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 9.098 V/m; Power Drift = 0.02 dB

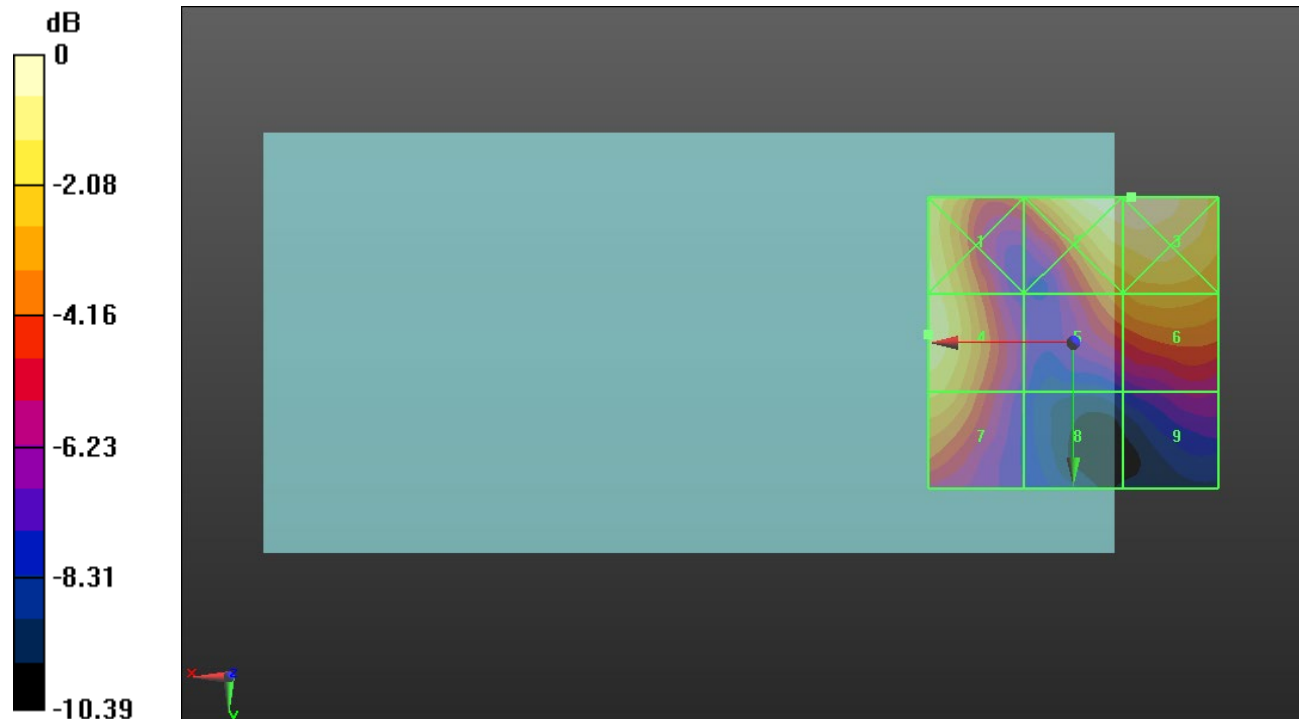
Applied MIF = -1.44 dB

RF audio interference level = 22.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.35 dBV/m	Grid 2 M4 23.42 dBV/m	Grid 3 M4 23.45 dBV/m
Grid 4 M4 22.58 dBV/m	Grid 5 M4 20.61 dBV/m	Grid 6 M4 21.13 dBV/m
Grid 7 M4 21.54 dBV/m	Grid 8 M4 16.03 dBV/m	Grid 9 M4 17.45 dBV/m



0 dB = 14.88 V/m = 23.45 dBV/m

HAC-RF Emission ANT9

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 18.49 V/m; Power Drift = -0.08 dB

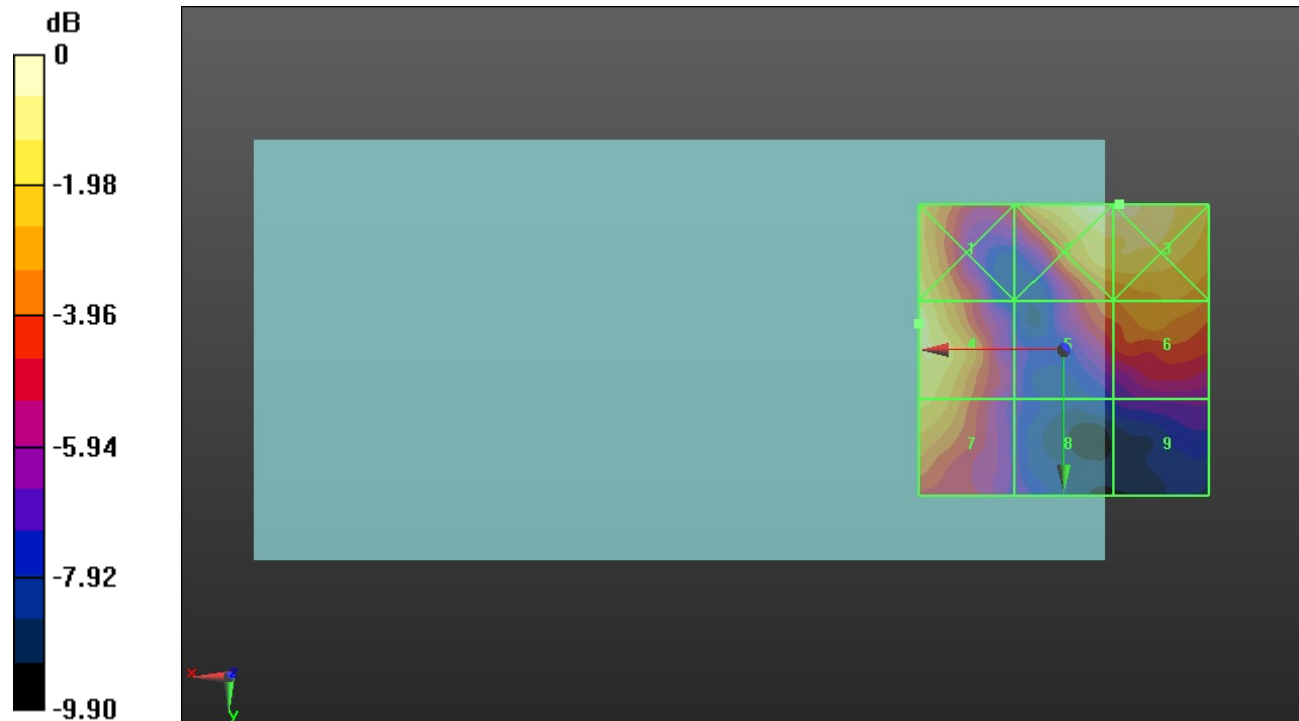
Applied MIF = -1.44 dB

RF audio interference level = 23.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.97 dBV/m	Grid 2 M4 24.31 dBV/m	Grid 3 M4 24.34 dBV/m
Grid 4 M4 23.49 dBV/m	Grid 5 M4 20.96 dBV/m	Grid 6 M4 21.72 dBV/m
Grid 7 M4 22.56 dBV/m	Grid 8 M4 17.57 dBV/m	Grid 9 M4 18 dBV/m



0 dB = 16.48 V/m = 24.34 dBV/m

HAC-RF Emission ANT9

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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 = 8.101 V/m; Power Drift = 0.10 dB

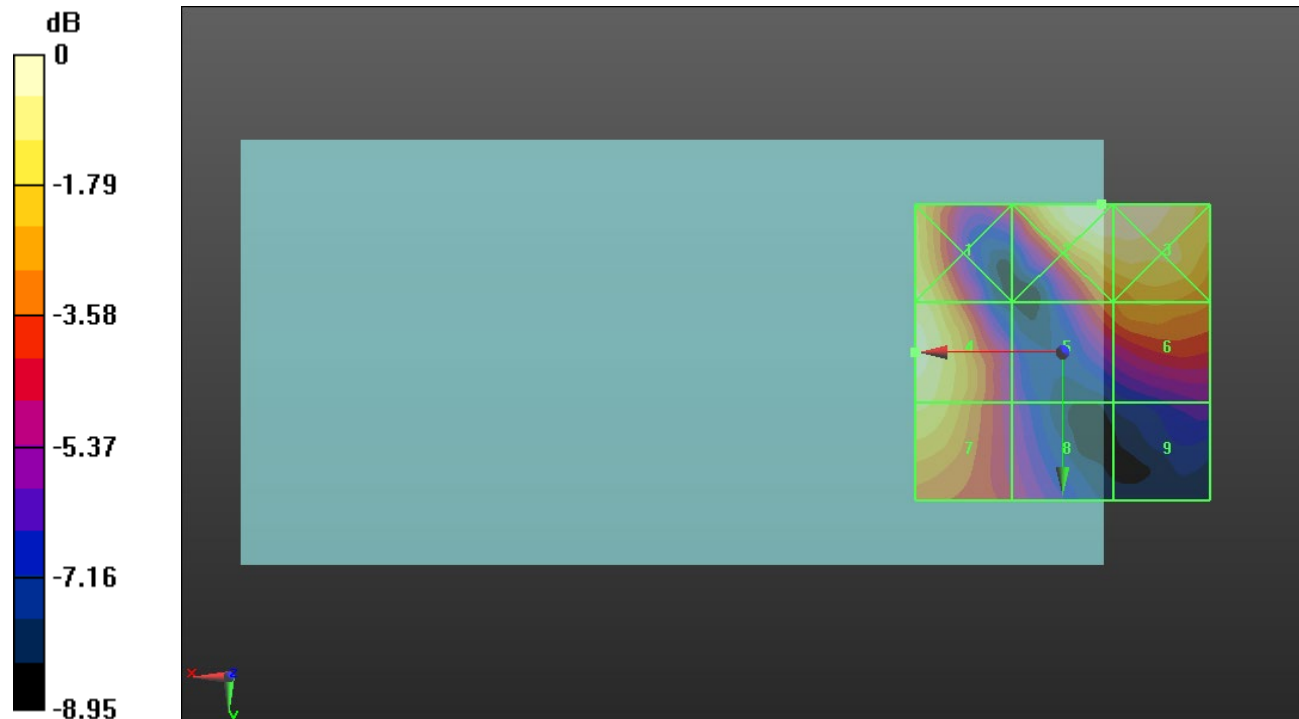
Applied MIF = -1.44 dB

RF audio interference level = 23.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.76 dBV/m	Grid 2 M4 23.66 dBV/m	Grid 3 M4 23.66 dBV/m
Grid 4 M4 23.4 dBV/m	Grid 5 M4 20.64 dBV/m	Grid 6 M4 21.39 dBV/m
Grid 7 M4 22.65 dBV/m	Grid 8 M4 19.03 dBV/m	Grid 9 M4 17.71 dBV/m



0 dB = 15.24 V/m = 23.66 dBV/m

HAC-RF Emission ANT9

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.515 V/m; Power Drift = -0.10 dB

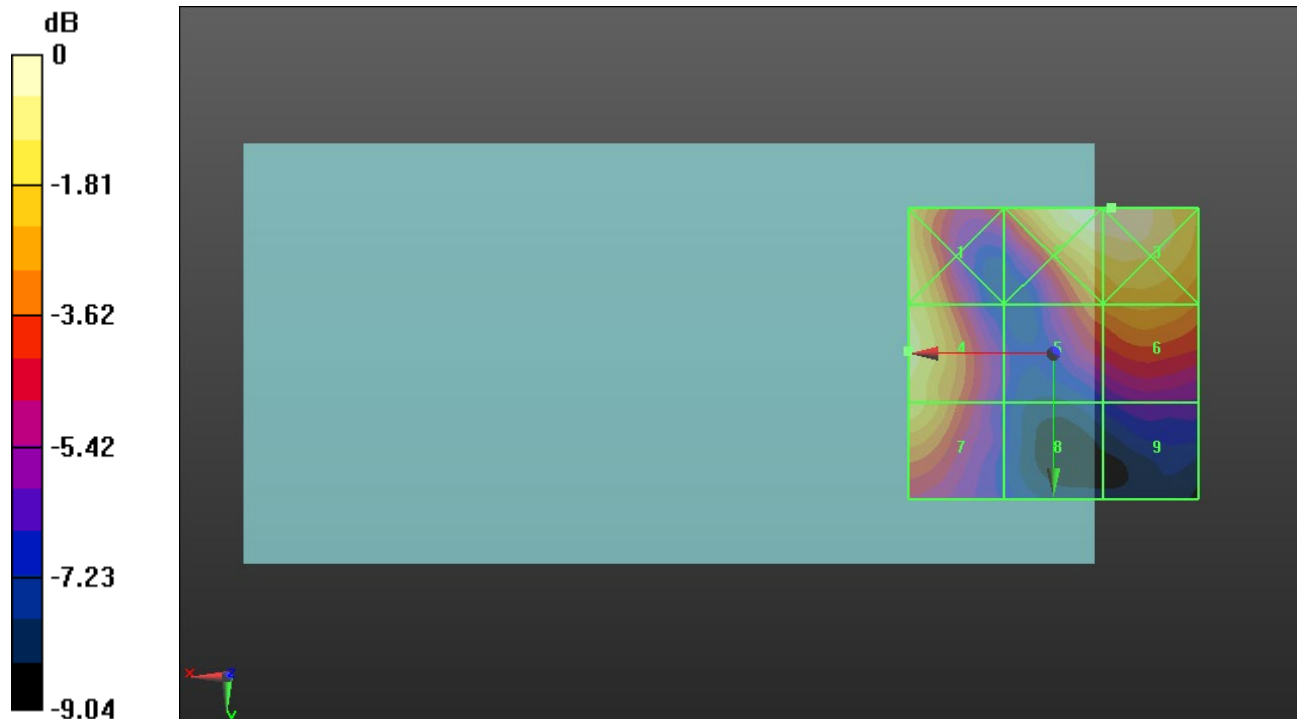
Applied MIF = -1.44 dB

RF audio interference level = 22.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.61 dBV/m	Grid 2 M4 23.8 dBV/m	Grid 3 M4 23.84 dBV/m
Grid 4 M4 22.95 dBV/m	Grid 5 M4 21.1 dBV/m	Grid 6 M4 21.63 dBV/m
Grid 7 M4 22.53 dBV/m	Grid 8 M4 17.18 dBV/m	Grid 9 M4 17.91 dBV/m



0 dB = 15.57 V/m = 23.85 dBV/m