

HAC-RF Emission

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 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 38.70 V/m; Power Drift = -0.05 dB

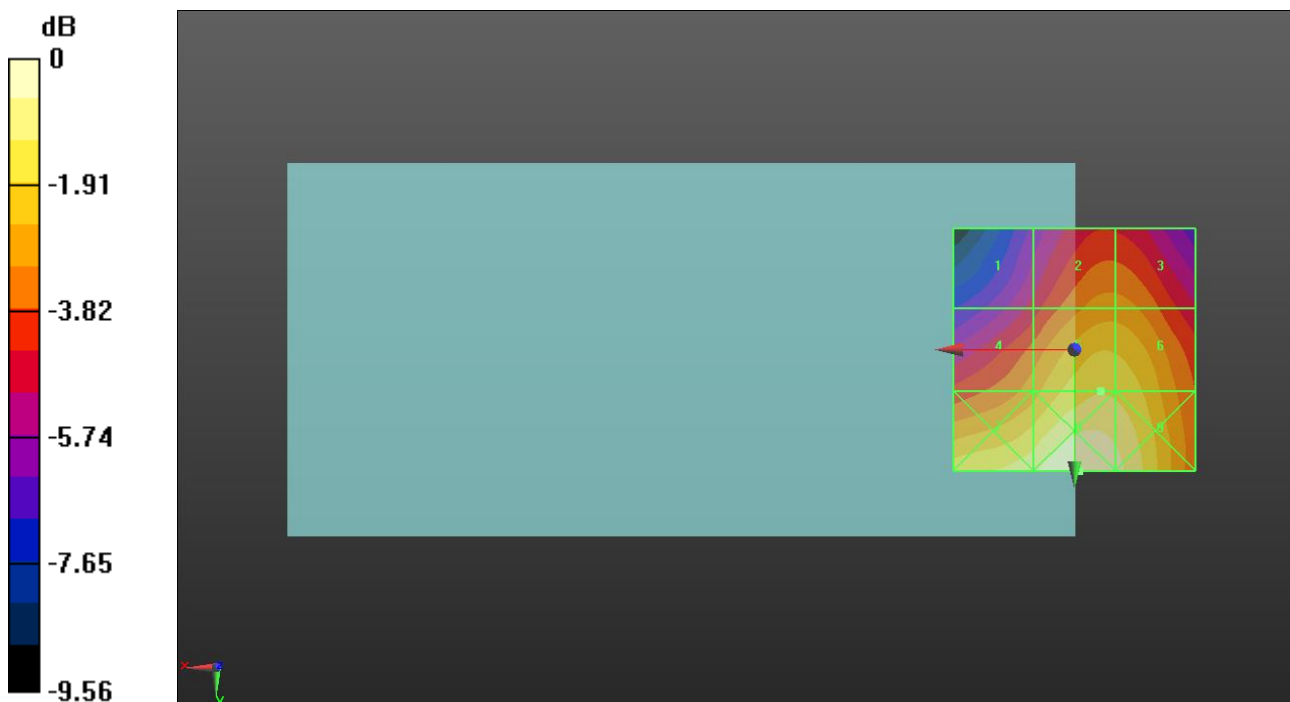
Applied MIF = 3.63 dB

RF audio interference level = 33.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.87 dBV/m	Grid 2 M4 31.78 dBV/m	Grid 3 M4 31.77 dBV/m
Grid 4 M4 31.82 dBV/m	Grid 5 M4 33.29 dBV/m	Grid 6 M4 33.22 dBV/m
Grid 7 M4 33.87 dBV/m	Grid 8 M4 34.61 dBV/m	Grid 9 M4 34.18 dBV/m



0 dB = 53.77 V/m = 34.61 dBV/m

HAC-RF Emission

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 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 38.95 V/m; Power Drift = -0.08 dB

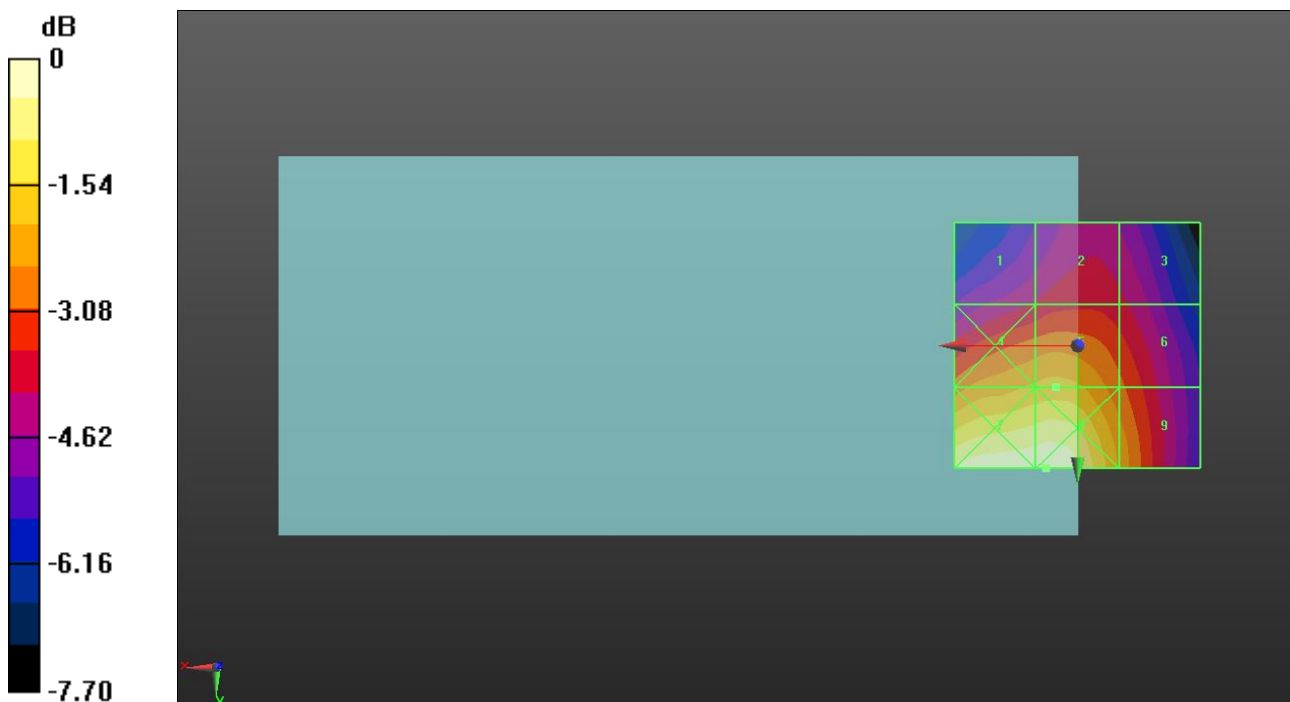
Applied MIF = 3.63 dB

RF audio interference level = 33.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.13 dBV/m	Grid 2 M4 31.47 dBV/m	Grid 3 M4 31.21 dBV/m
Grid 4 M4 33.21 dBV/m	Grid 5 M4 33.31 dBV/m	Grid 6 M4 32.24 dBV/m
Grid 7 M4 35.11 dBV/m	Grid 8 M4 35.14 dBV/m	Grid 9 M4 33.01 dBV/m



0 dB = 57.15 V/m = 35.14 dBV/m

HAC-RF Emission

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 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 35.38 V/m; Power Drift = -0.07 dB

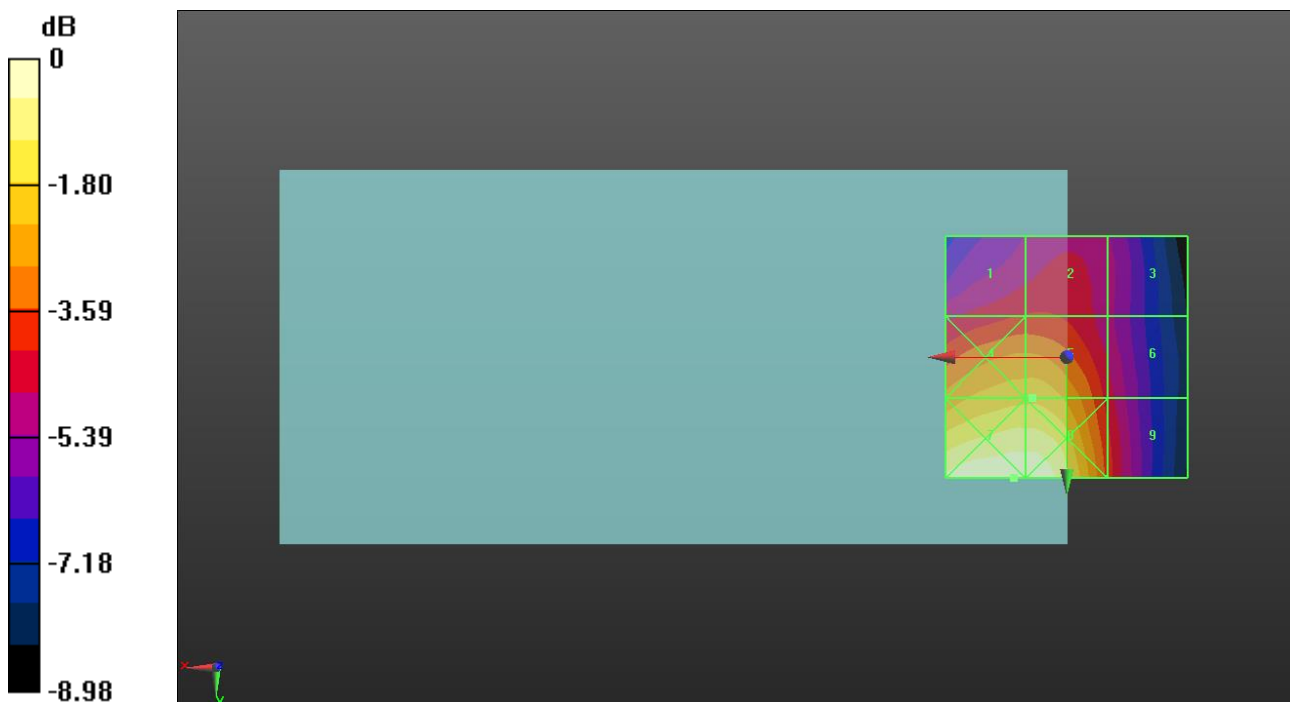
Applied MIF = 3.63 dB

RF audio interference level = 33.37 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.17 dBV/m	Grid 2 M4 31.2 dBV/m	Grid 3 M4 30.15 dBV/m
Grid 4 M4 33.36 dBV/m	Grid 5 M4 33.37 dBV/m	Grid 6 M4 30.86 dBV/m
Grid 7 M4 35.29 dBV/m	Grid 8 M4 35.23 dBV/m	Grid 9 M4 31.45 dBV/m



0 dB = 58.14 V/m = 35.29 dBV/m

HAC-RF Emission

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 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 5.570 V/m; Power Drift = 0.07 dB

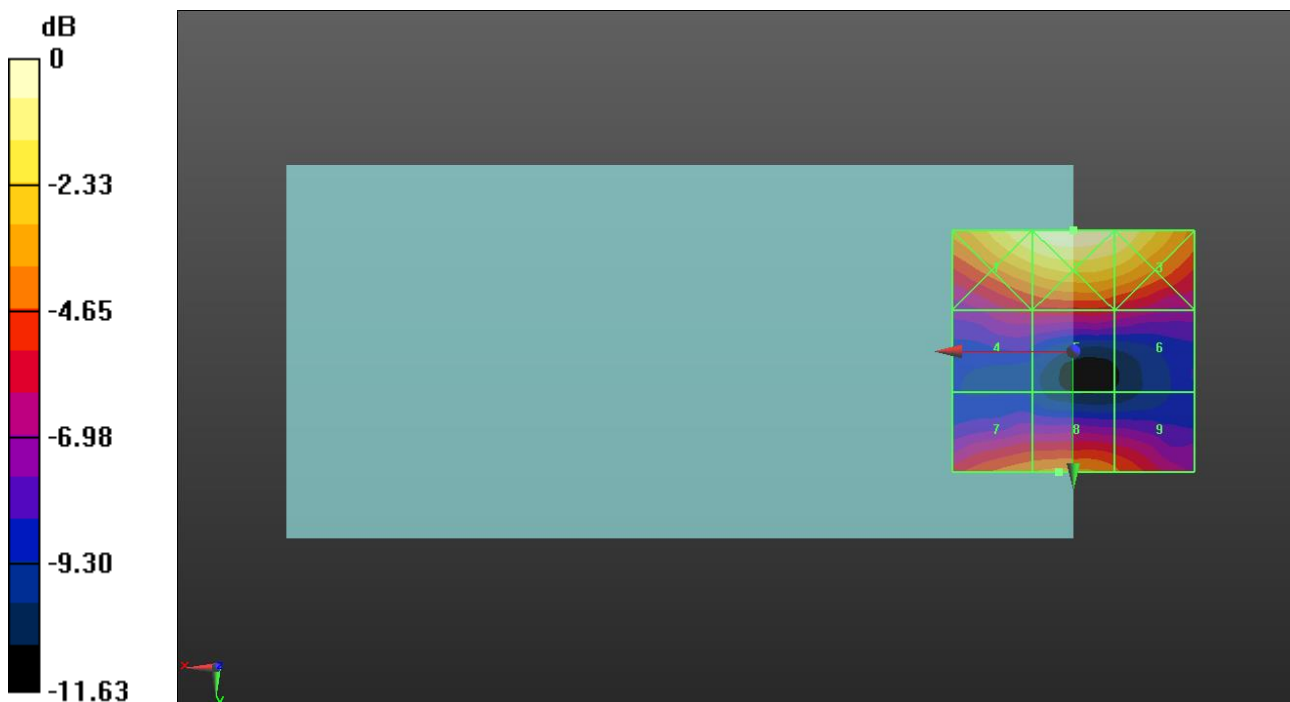
Applied MIF = 3.63 dB

RF audio interference level = 23.62 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.48 dBV/m	Grid 2 M4 27.17 dBV/m	Grid 3 M4 26.66 dBV/m
Grid 4 M4 21.35 dBV/m	Grid 5 M4 21.58 dBV/m	Grid 6 M4 21.2 dBV/m
Grid 7 M4 23.32 dBV/m	Grid 8 M4 23.62 dBV/m	Grid 9 M4 22.81 dBV/m



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

HAC-RF Emission

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 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 5.362 V/m; Power Drift = -0.09 dB

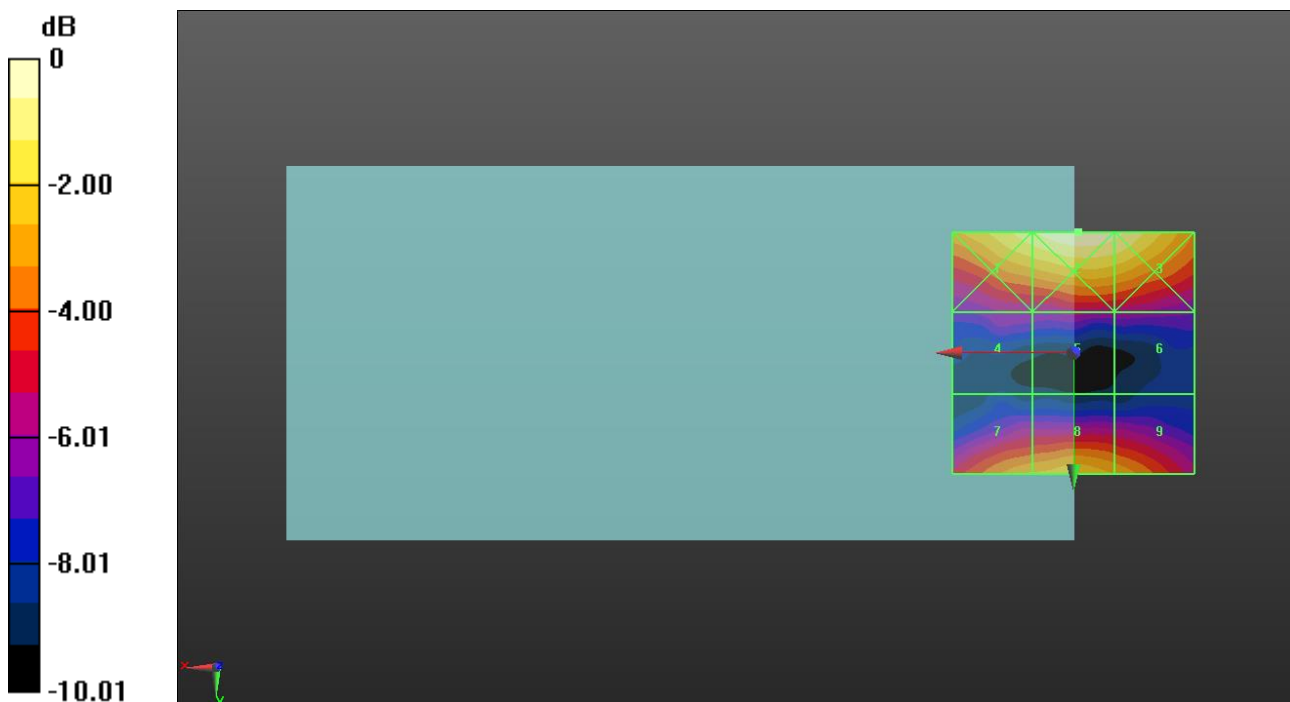
Applied MIF = 3.63 dB

RF audio interference level = 25.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.44 dBV/m	Grid 2 M4 27.21 dBV/m	Grid 3 M4 26.82 dBV/m
Grid 4 M4 21.37 dBV/m	Grid 5 M4 21.6 dBV/m	Grid 6 M4 21.35 dBV/m
Grid 7 M4 24.69 dBV/m	Grid 8 M4 25.23 dBV/m	Grid 9 M4 24.56 dBV/m



0 dB = 22.95 V/m = 27.22 dBV/m

HAC-RF Emission

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 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 5.195 V/m; Power Drift = 0.07 dB

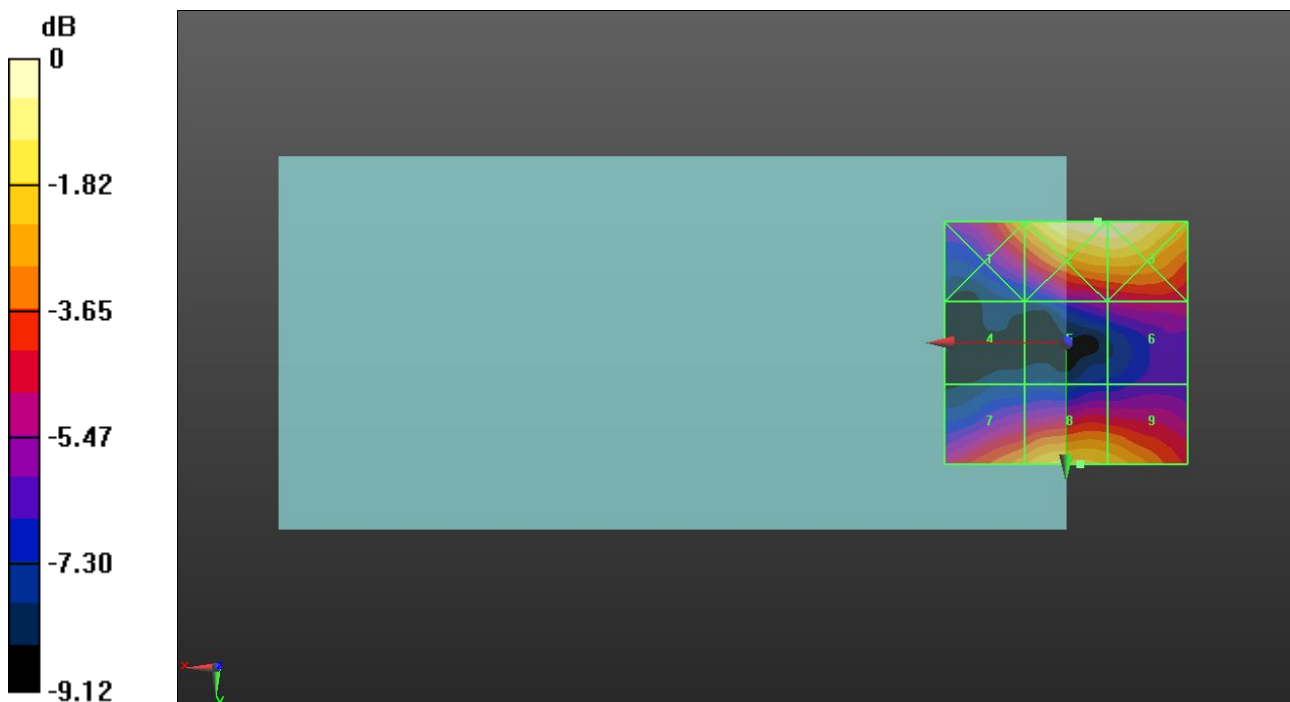
Applied MIF = 3.63 dB

RF audio interference level = 24.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.11 dBV/m	Grid 2 M4 26.23 dBV/m	Grid 3 M4 26.21 dBV/m
Grid 4 M4 18.41 dBV/m	Grid 5 M4 20.94 dBV/m	Grid 6 M4 21.54 dBV/m
Grid 7 M4 23.7 dBV/m	Grid 8 M4 24.61 dBV/m	Grid 9 M4 24.33 dBV/m



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

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2580 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 38 E-Field measurement/Voice_ch 37850 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.30 V/m; Power Drift = 0.01 dB

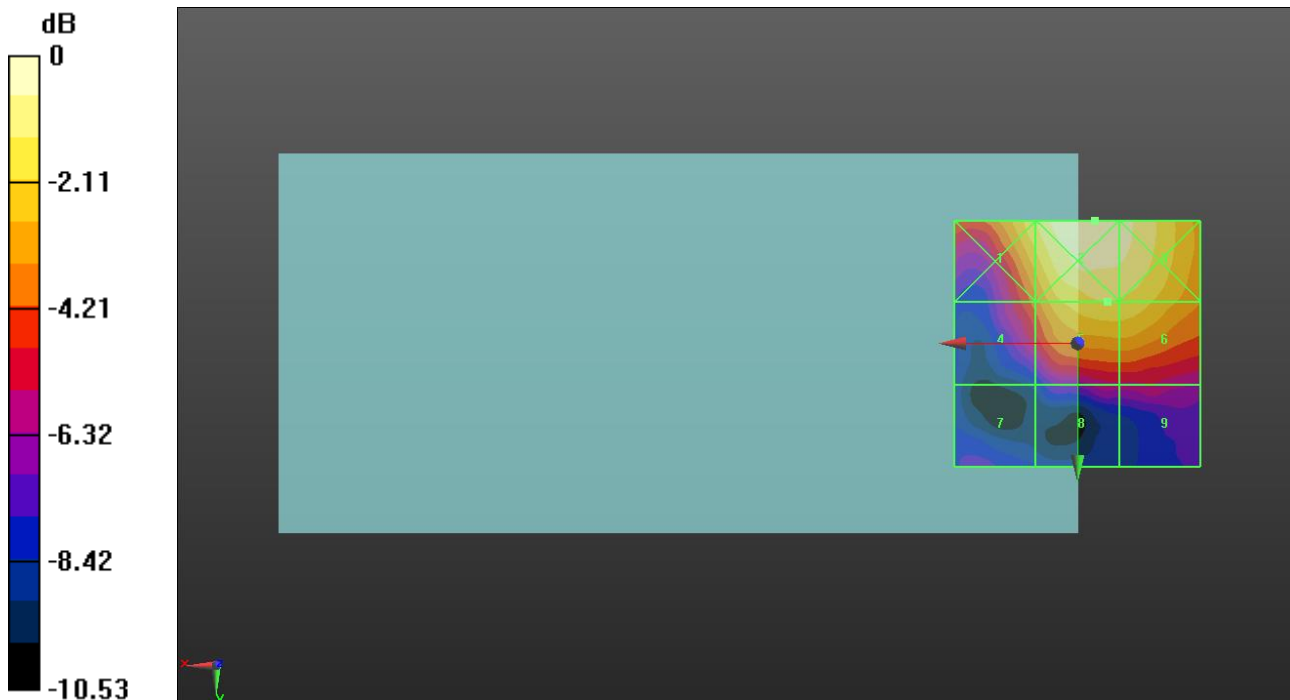
Applied MIF = -1.44 dB

RF audio interference level = 19.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.26 dBV/m	Grid 2 M4 20.64 dBV/m	Grid 3 M4 20.26 dBV/m
Grid 4 M4 16.88 dBV/m	Grid 5 M4 19.23 dBV/m	Grid 6 M4 19.15 dBV/m
Grid 7 M4 13.2 dBV/m	Grid 8 M4 14.79 dBV/m	Grid 9 M4 14.98 dBV/m



0 dB = 10.76 V/m = 20.64 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2595 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 38 E-Field measurement/Voice_ch 38000 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.960 V/m; Power Drift = 0.05 dB

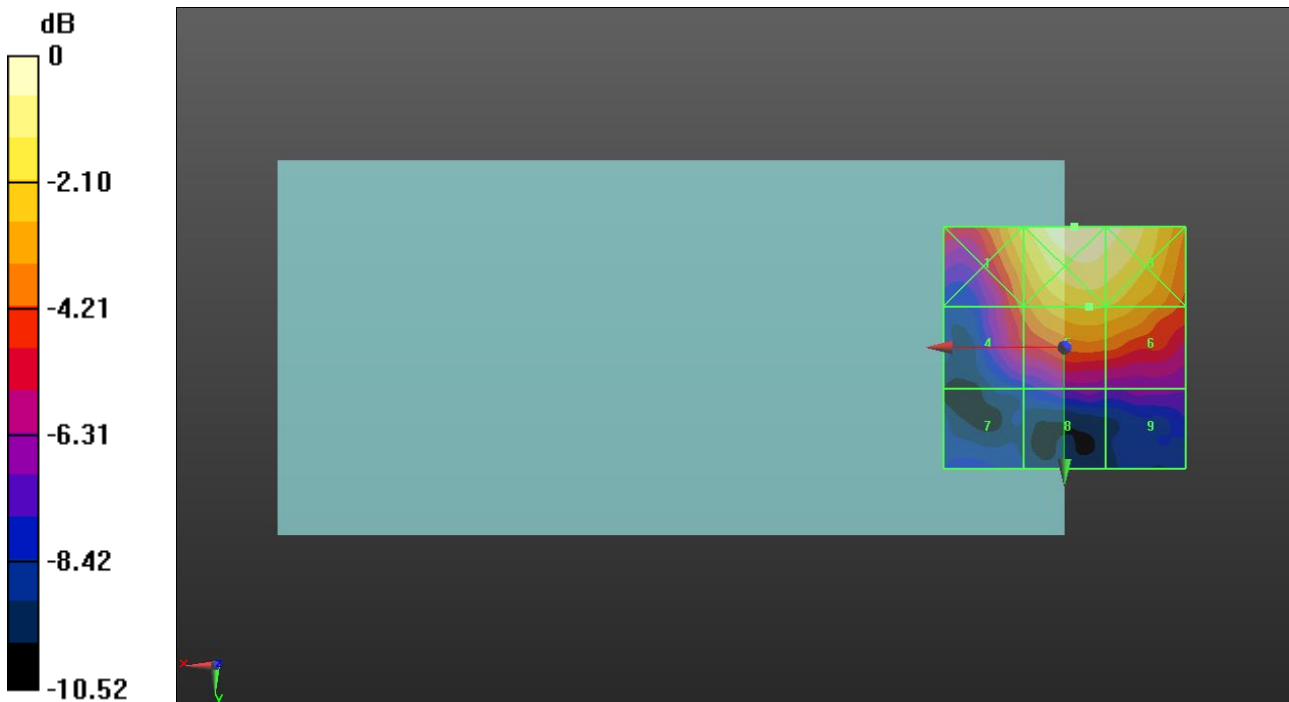
Applied MIF = -1.44 dB

RF audio interference level = 18.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.85 dBV/m	Grid 2 M4 20.63 dBV/m	Grid 3 M4 20.3 dBV/m
Grid 4 M4 16.8 dBV/m	Grid 5 M4 18.66 dBV/m	Grid 6 M4 18.56 dBV/m
Grid 7 M4 12.87 dBV/m	Grid 8 M4 14.07 dBV/m	Grid 9 M4 13.96 dBV/m



0 dB = 10.75 V/m = 20.63 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2610 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 38 E-Field measurement/Voice_ch 38150 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.90 V/m; Power Drift = 0.11 dB

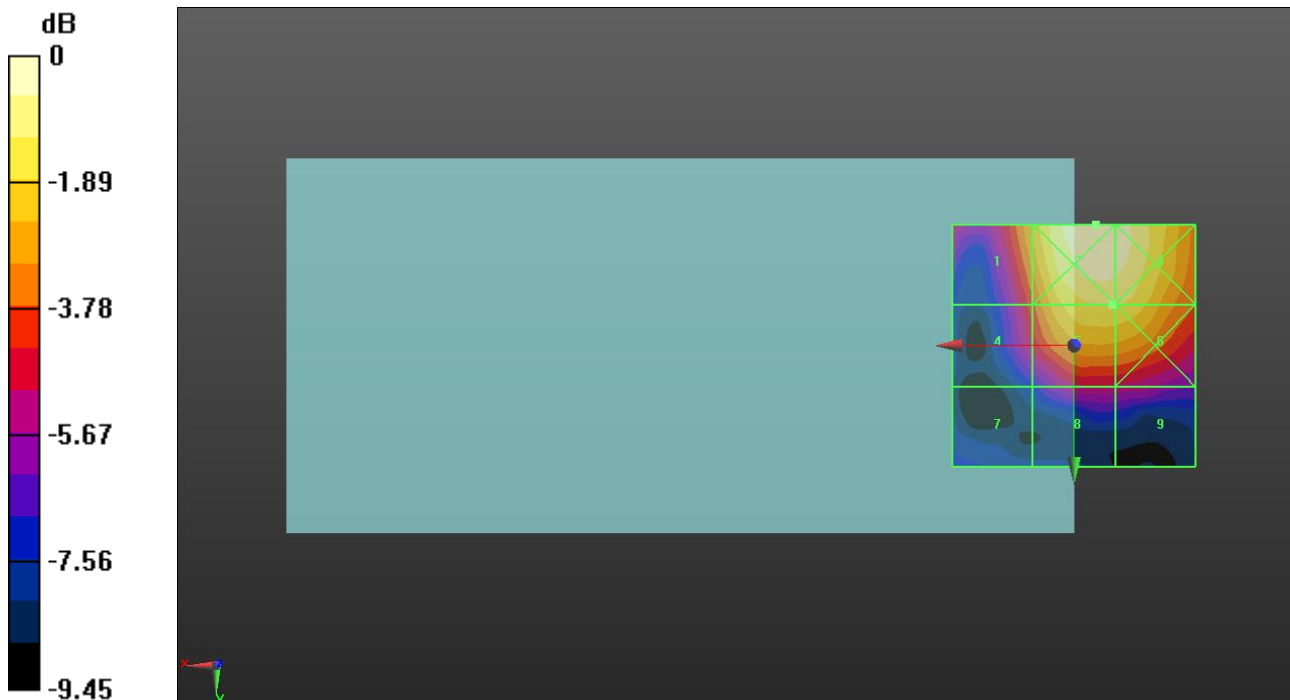
Applied MIF = -1.44 dB

RF audio interference level = 19.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.58 dBV/m	Grid 2 M4 20.95 dBV/m	Grid 3 M4 20.7 dBV/m
Grid 4 M4 17.03 dBV/m	Grid 5 M4 19.74 dBV/m	Grid 6 M4 19.74 dBV/m
Grid 7 M4 13.73 dBV/m	Grid 8 M4 15.85 dBV/m	Grid 9 M4 15.77 dBV/m



0 dB = 11.15 V/m = 20.95 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 E-Field measurement/Voice_ch 39750 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.857 V/m; Power Drift = -0.06 dB

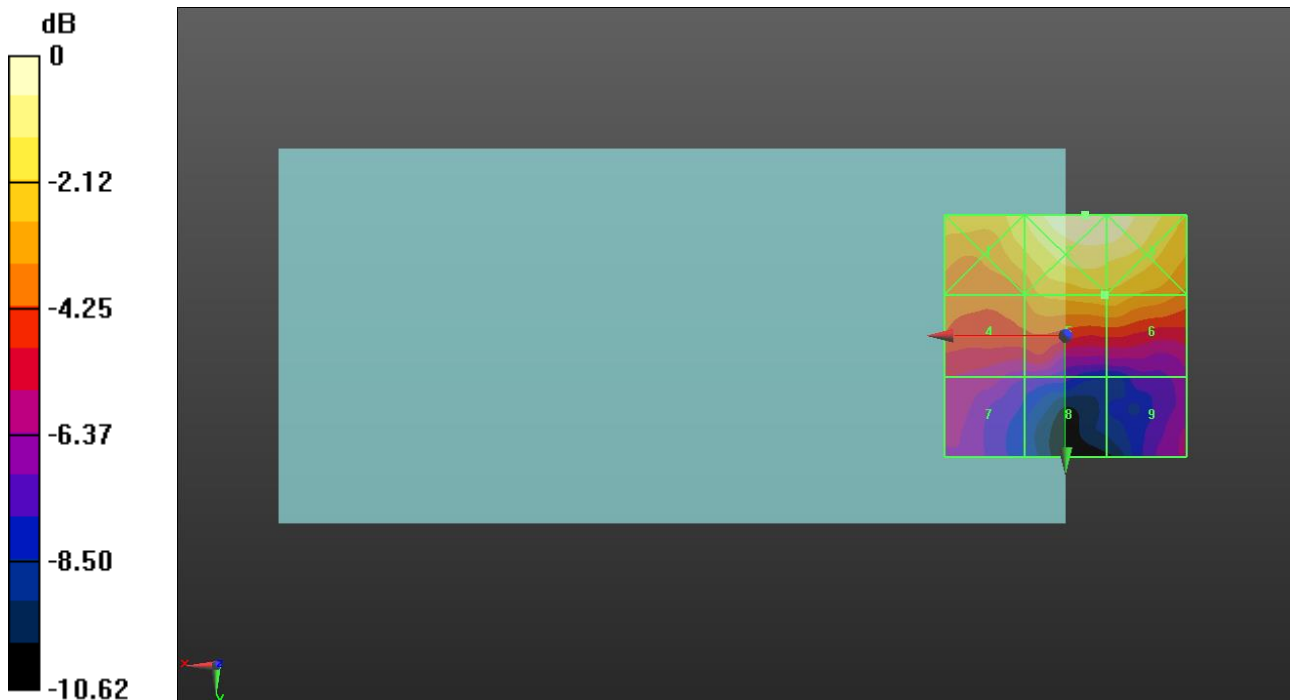
Applied MIF = -1.44 dB

RF audio interference level = 15.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.9 dBV/m	Grid 2 M4 18.29 dBV/m	Grid 3 M4 18.08 dBV/m
Grid 4 M4 14.77 dBV/m	Grid 5 M4 15.95 dBV/m	Grid 6 M4 15.94 dBV/m
Grid 7 M4 12.64 dBV/m	Grid 8 M4 11.42 dBV/m	Grid 9 M4 12.14 dBV/m



0 dB = 8.209 V/m = 18.29 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 E-Field measurement/Voice_ch 40185 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.17 V/m; Power Drift = -0.01 dB

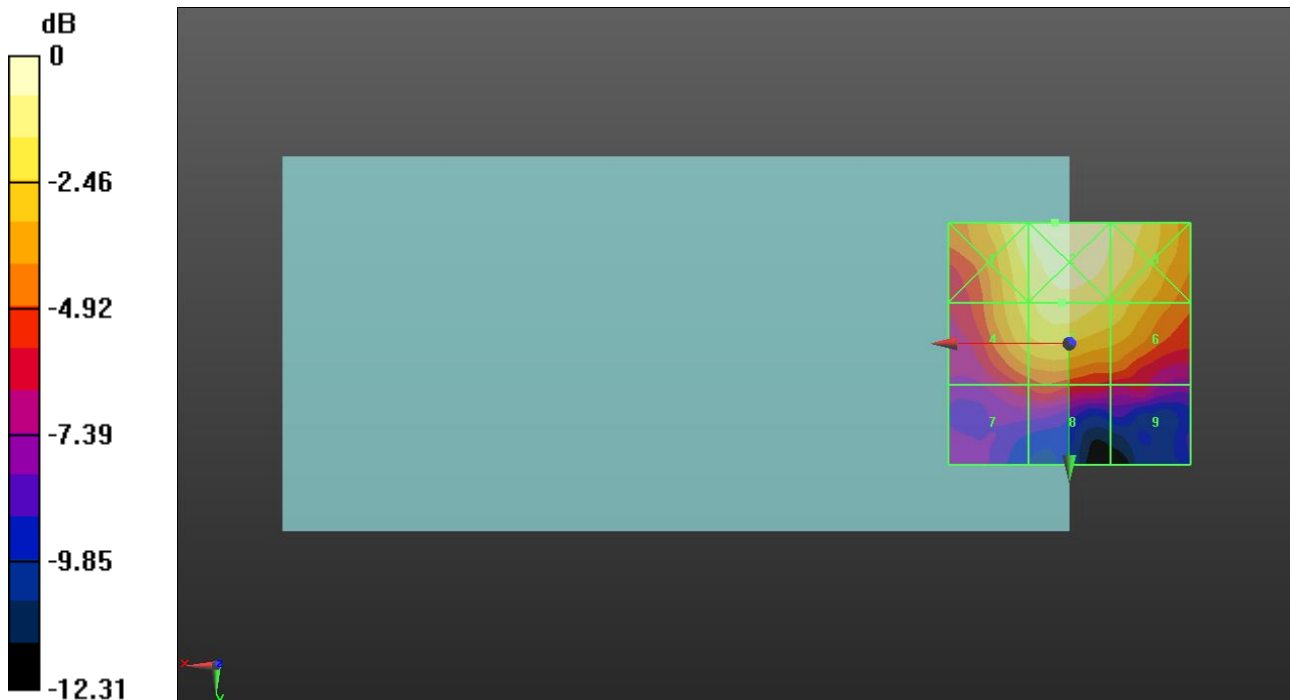
Applied MIF = -1.44 dB

RF audio interference level = 17.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.42 dBV/m	Grid 2 M4 19.06 dBV/m	Grid 3 M4 18.4 dBV/m
Grid 4 M4 17.17 dBV/m	Grid 5 M4 17.97 dBV/m	Grid 6 M4 17.23 dBV/m
Grid 7 M4 13.56 dBV/m	Grid 8 M4 14.1 dBV/m	Grid 9 M4 12.88 dBV/m



0 dB = 8.972 V/m = 19.06 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 E-Field measurement/Voice_ch 40620 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.533 V/m; Power Drift = 0.04 dB

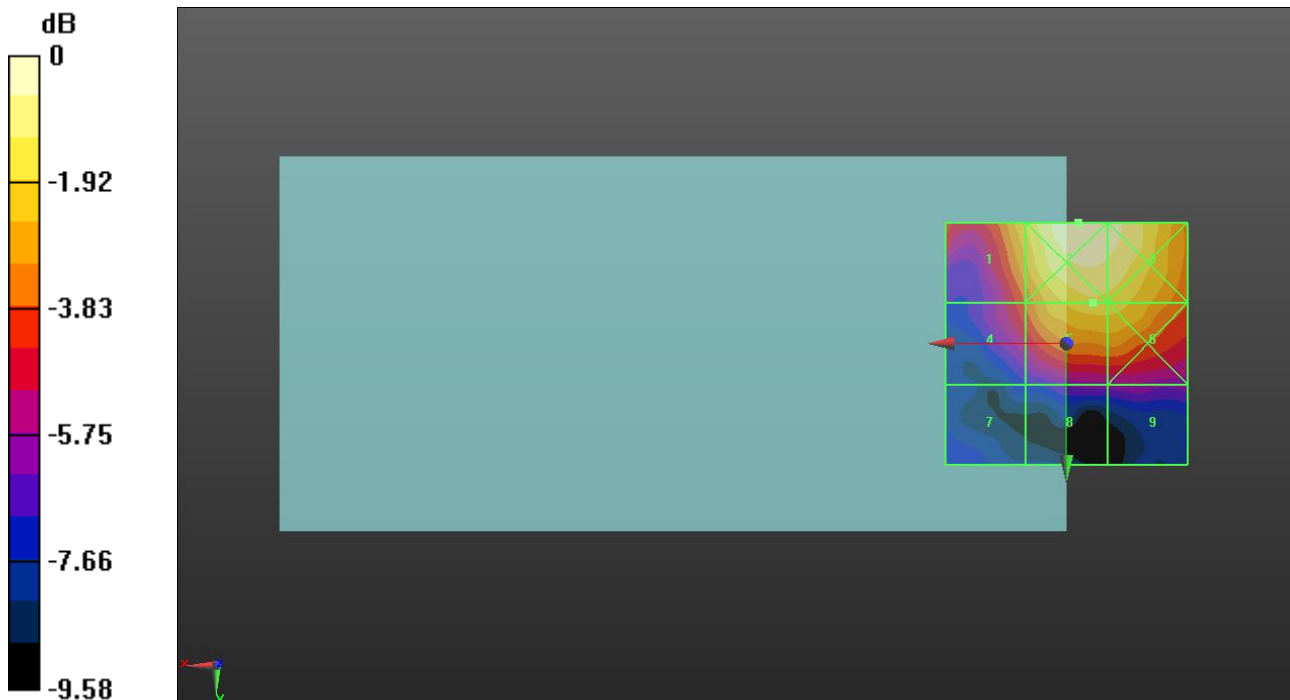
Applied MIF = -1.44 dB

RF audio interference level = 18.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.69 dBV/m	Grid 2 M4 19.52 dBV/m	Grid 3 M4 19.24 dBV/m
Grid 4 M4 15.74 dBV/m	Grid 5 M4 18.06 dBV/m	Grid 6 M4 17.97 dBV/m
Grid 7 M4 12.44 dBV/m	Grid 8 M4 13.53 dBV/m	Grid 9 M4 13.71 dBV/m



0 dB = 9.457 V/m = 19.52 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 E-Field measurement/Voice_ch 41055 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.969 V/m; Power Drift = 0.07 dB

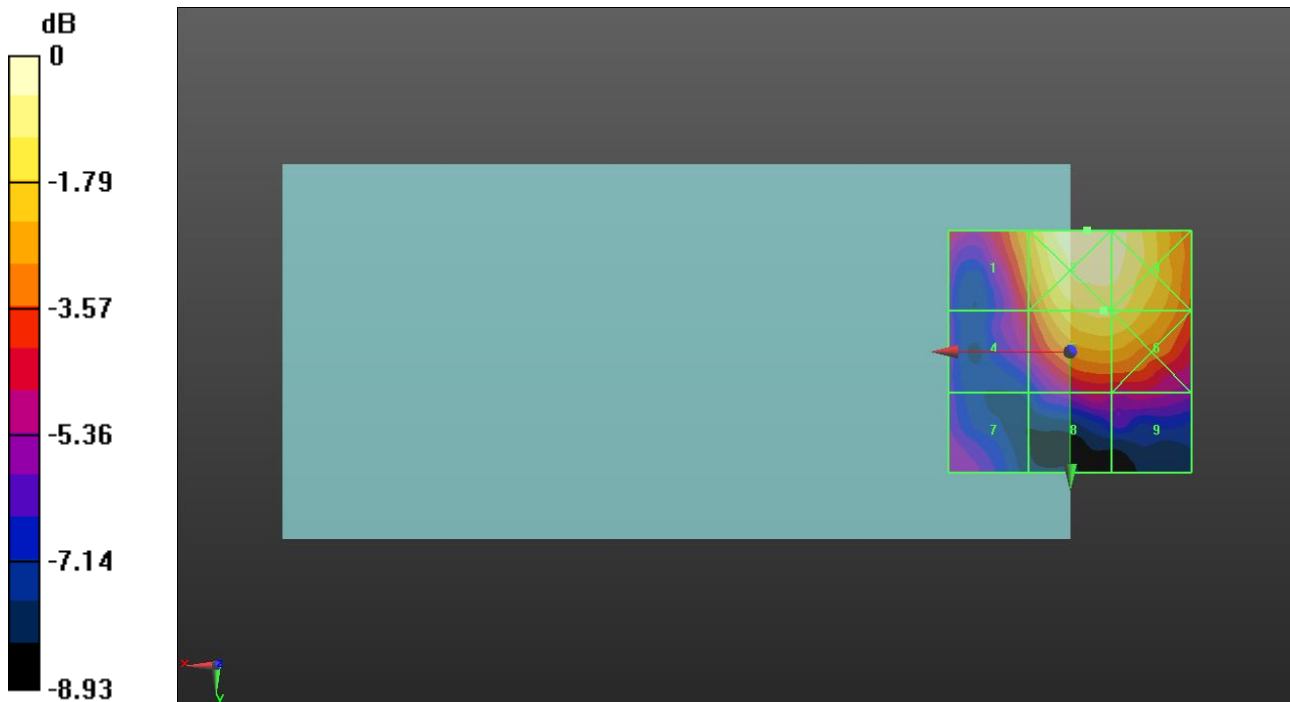
Applied MIF = -1.44 dB

RF audio interference level = 18.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.08 dBV/m	Grid 2 M4 19.17 dBV/m	Grid 3 M4 18.96 dBV/m
Grid 4 M4 15.27 dBV/m	Grid 5 M4 18.16 dBV/m	Grid 6 M4 18.13 dBV/m
Grid 7 M4 13.8 dBV/m	Grid 8 M4 14.55 dBV/m	Grid 9 M4 14.3 dBV/m



0 dB = 9.088 V/m = 19.17 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 E-Field measurement/Voice_ch 41490 RB 1/0/Hearing Aid Compatibility

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.024 V/m; Power Drift = 0.12 dB

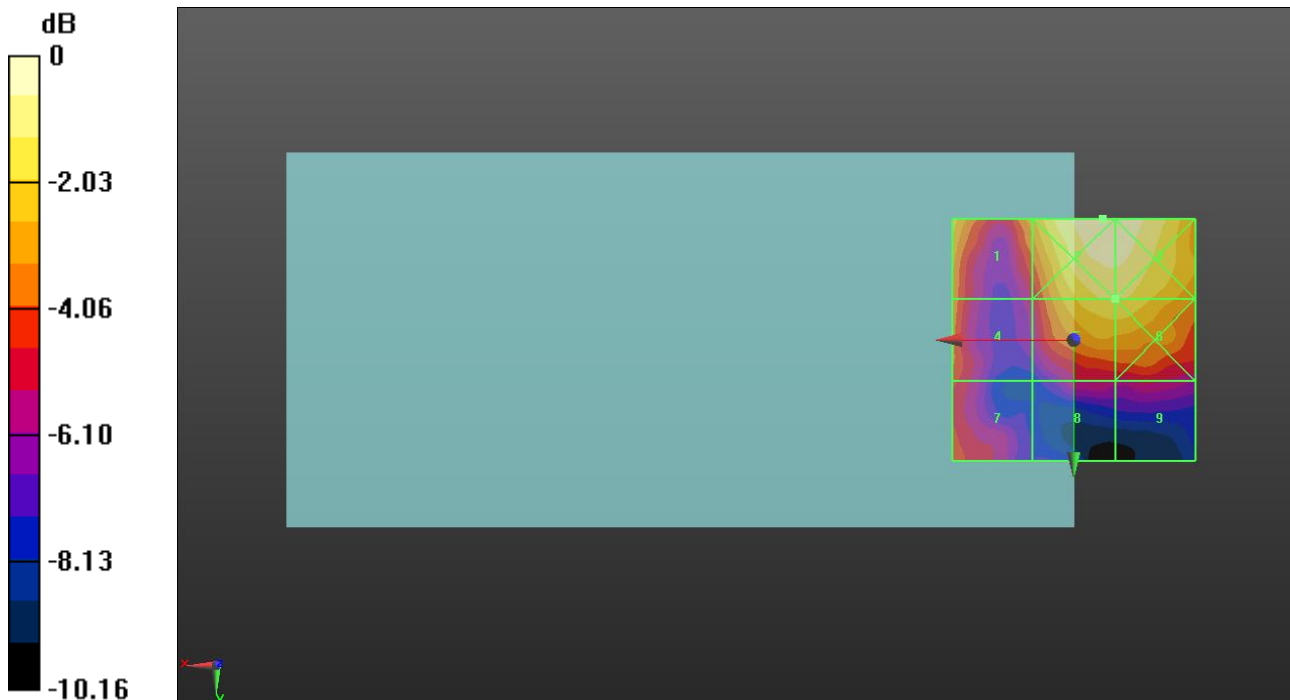
Applied MIF = -1.44 dB

RF audio interference level = 16.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.54 dBV/m	Grid 2 M4 17.75 dBV/m	Grid 3 M4 17.66 dBV/m
Grid 4 M4 14.4 dBV/m	Grid 5 M4 16.46 dBV/m	Grid 6 M4 16.46 dBV/m
Grid 7 M4 13.27 dBV/m	Grid 8 M4 12.44 dBV/m	Grid 9 M4 12.52 dBV/m



0 dB = 7.721 V/m = 17.75 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 PC2 E-Field measurement/Voice_ch 39750 RB 1/0/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.292 V/m; Power Drift = 0.00 dB

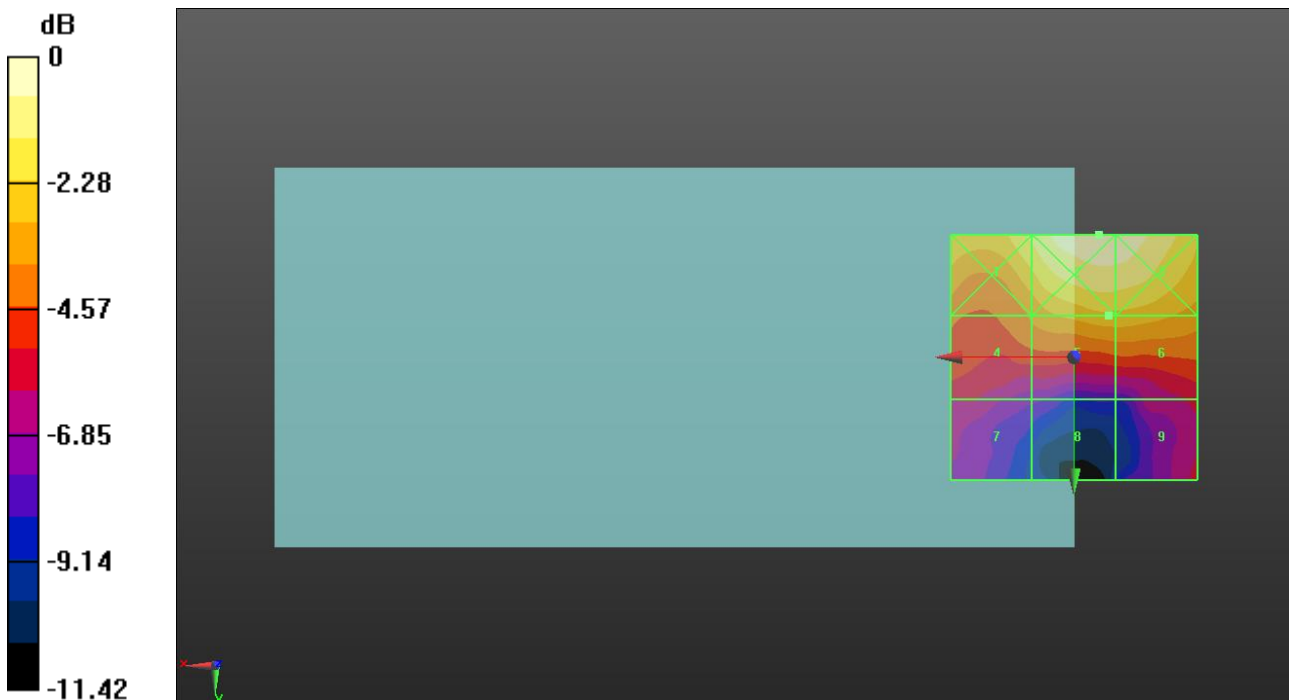
Applied MIF = -1.44 dB

RF audio interference level = 18.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.22 dBV/m	Grid 2 M4 20.51 dBV/m	Grid 3 M4 20.43 dBV/m
Grid 4 M4 16.86 dBV/m	Grid 5 M4 18.04 dBV/m	Grid 6 M4 18.02 dBV/m
Grid 7 M4 14.54 dBV/m	Grid 8 M4 13.2 dBV/m	Grid 9 M4 14.82 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

LTE Band 41 PC2 E-Field measurement/Voice_ch 40185 RB 1/0/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.56 V/m; Power Drift = -0.12 dB

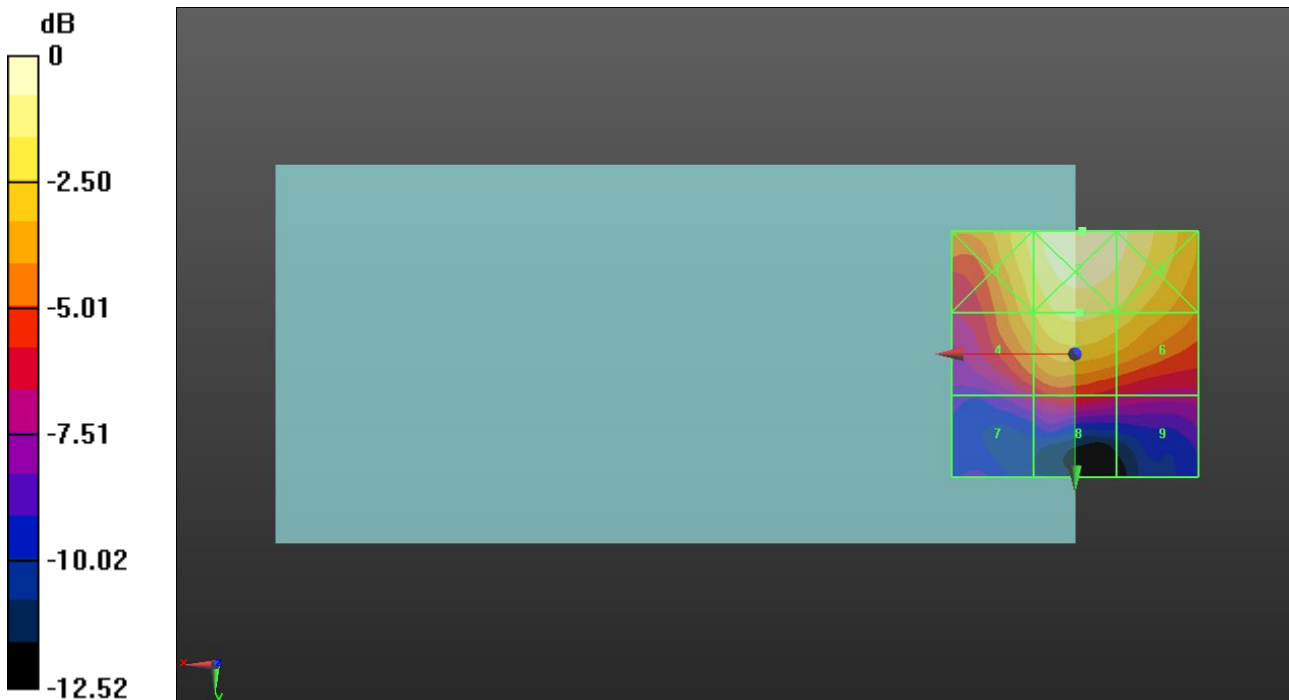
Applied MIF = -1.44 dB

RF audio interference level = 19.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.02 dBV/m	Grid 2 M4 21.28 dBV/m	Grid 3 M4 20.77 dBV/m
Grid 4 M4 18.73 dBV/m	Grid 5 M4 19.87 dBV/m	Grid 6 M4 19.45 dBV/m
Grid 7 M4 14.5 dBV/m	Grid 8 M4 15.63 dBV/m	Grid 9 M4 14.76 dBV/m



0 dB = 11.59 V/m = 21.28 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 PC2 E-Field measurement/Voice_ch 40620 RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.80 V/m; Power Drift = 0.03 dB

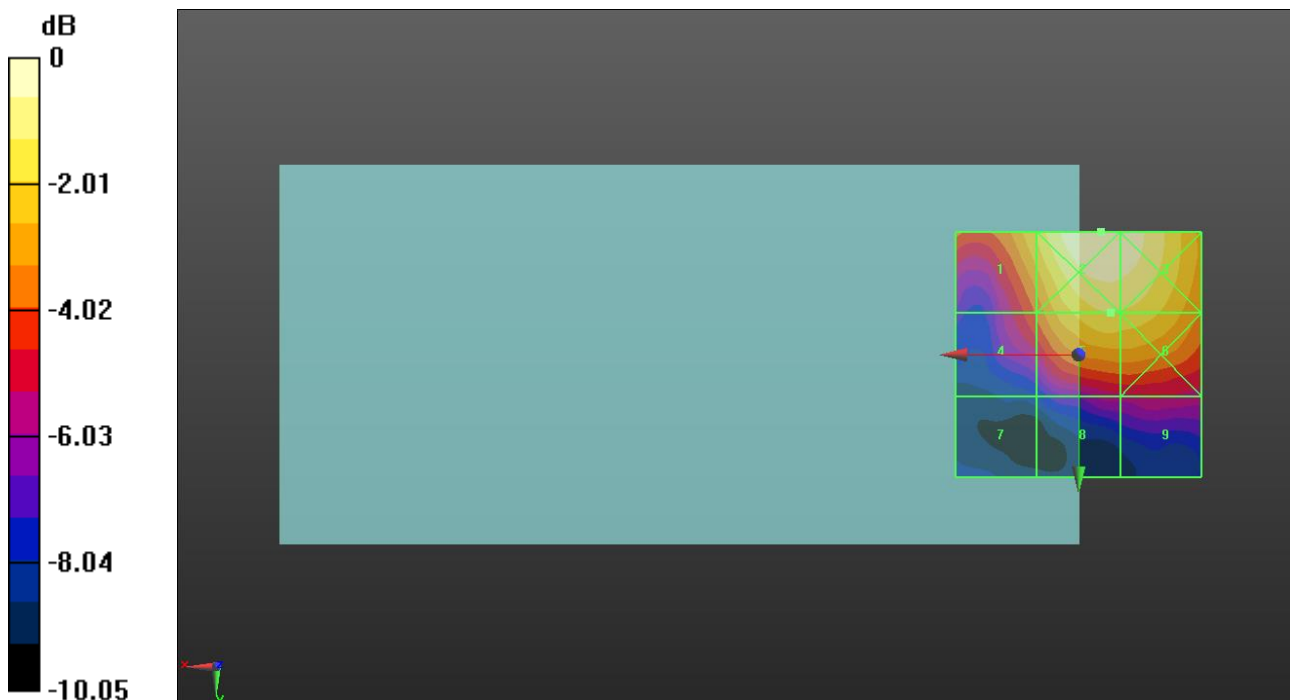
Applied MIF = -1.44 dB

RF audio interference level = 20.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.79 dBV/m	Grid 2 M4 21.67 dBV/m	Grid 3 M4 21.47 dBV/m
Grid 4 M4 17.83 dBV/m	Grid 5 M4 20.32 dBV/m	Grid 6 M4 20.27 dBV/m
Grid 7 M4 13.62 dBV/m	Grid 8 M4 16.05 dBV/m	Grid 9 M4 16.42 dBV/m



0 dB = 12.13 V/m = 21.68 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 PC2 E-Field measurement/Voice_ch 41055 RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.70 V/m; Power Drift = 0.01 dB

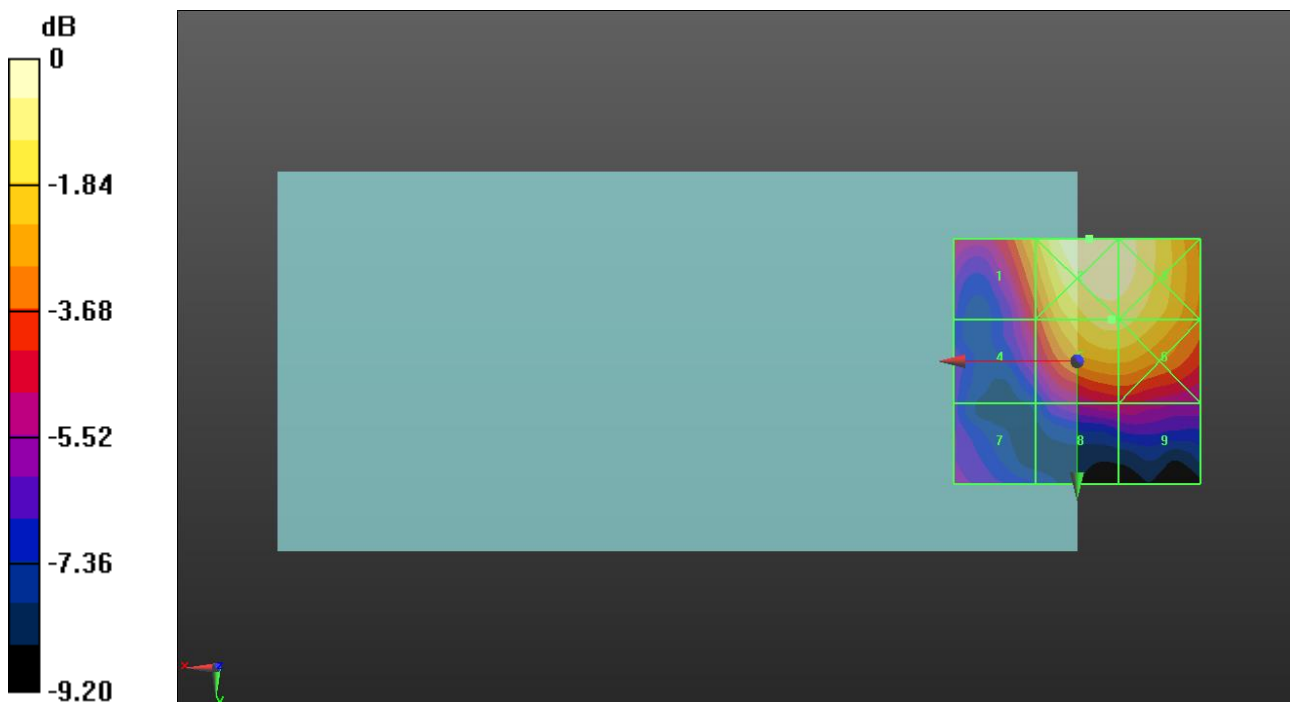
Applied MIF = -1.44 dB

RF audio interference level = 20.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.42 dBV/m	Grid 2 M4 21.44 dBV/m	Grid 3 M4 21.22 dBV/m
Grid 4 M4 17.29 dBV/m	Grid 5 M4 20.48 dBV/m	Grid 6 M4 20.45 dBV/m
Grid 7 M4 15.54 dBV/m	Grid 8 M4 16.69 dBV/m	Grid 9 M4 16.72 dBV/m



0 dB = 11.80 V/m = 21.44 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1494; Calibrated: 2018-07-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

LTE Band 41 PC2 E-Field measurement/Voice_ch 41490 RB 1/0/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.05 V/m; Power Drift = 0.03 dB

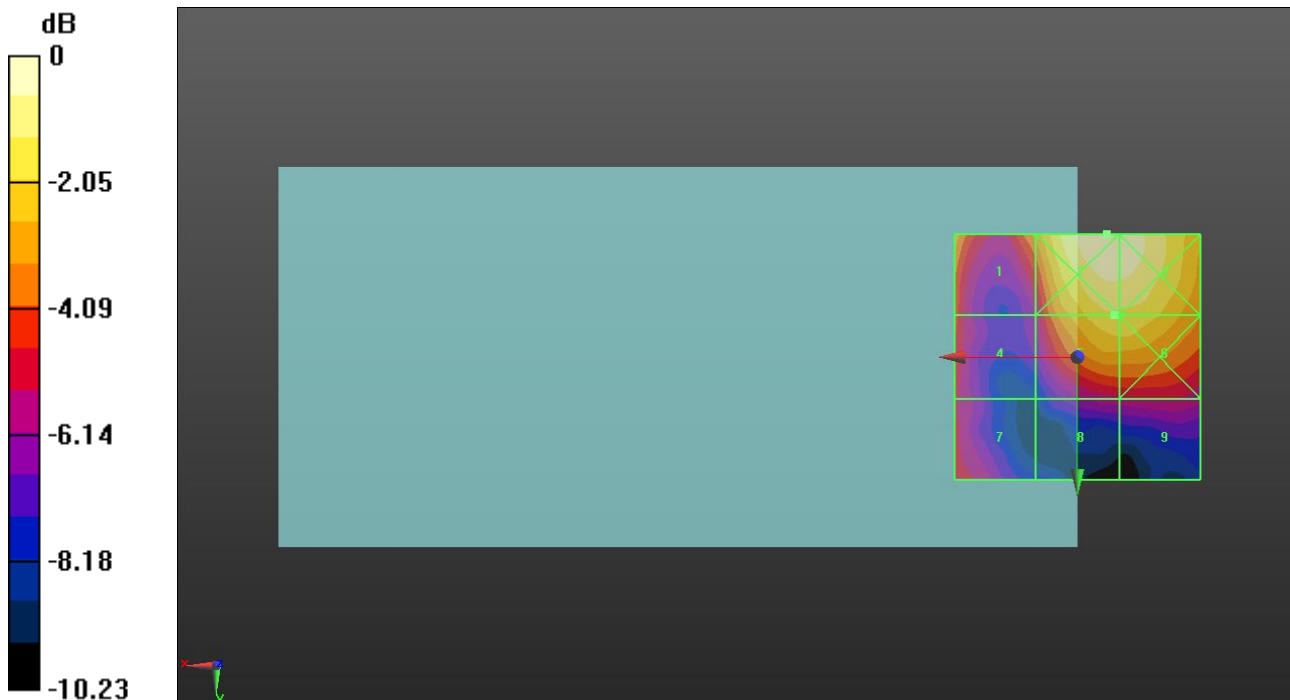
Applied MIF = -1.44 dB

RF audio interference level = 18.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.53 dBV/m	Grid 2 M4 20.18 dBV/m	Grid 3 M4 20.05 dBV/m
Grid 4 M4 15.91 dBV/m	Grid 5 M4 18.73 dBV/m	Grid 6 M4 18.71 dBV/m
Grid 7 M4 15.06 dBV/m	Grid 8 M4 14.53 dBV/m	Grid 9 M4 14.76 dBV/m



0 dB = 10.21 V/m = 20.18 dBV/m