

GSM 850

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 - SN4066; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM850 E-Field measurement/Voice_ch128/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.52 V/m; Power Drift = -0.01 dB

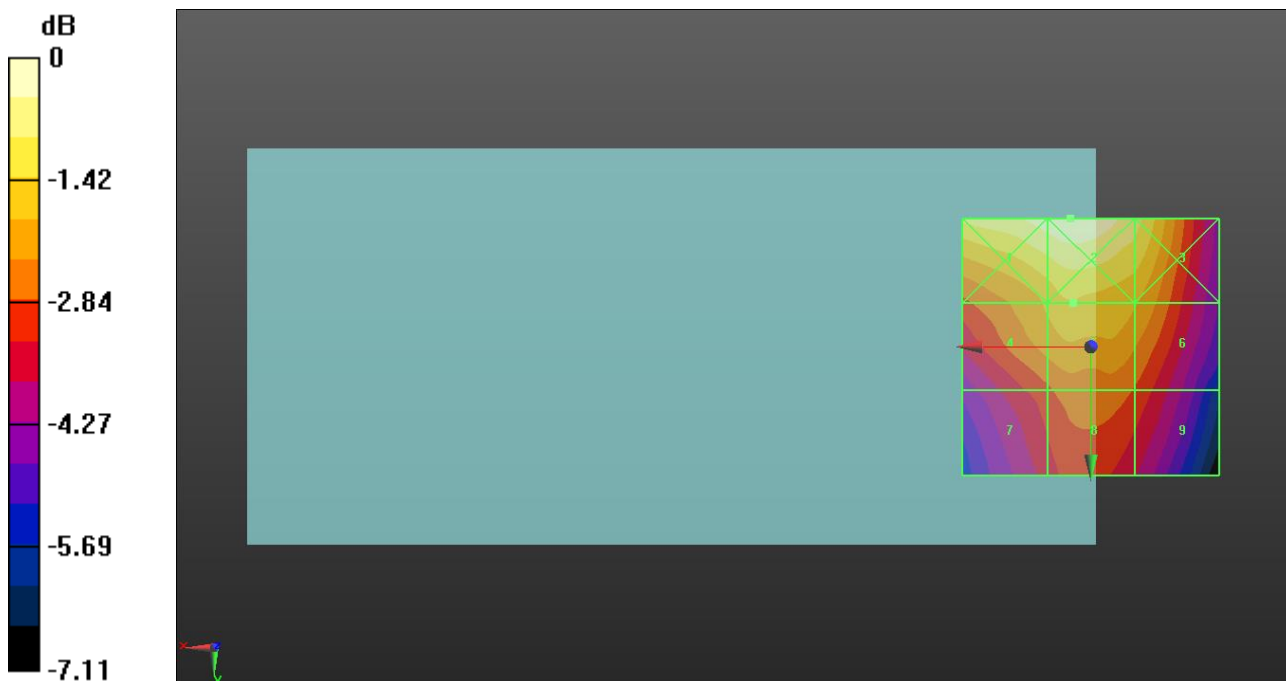
Applied MIF = 3.63 dB

RF audio interference level = 32.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.12 dBV/m	Grid 2 M4 34.32 dBV/m	Grid 3 M4 33.59 dBV/m
Grid 4 M4 32.52 dBV/m	Grid 5 M4 32.85 dBV/m	Grid 6 M4 32.48 dBV/m
Grid 7 M4 31.37 dBV/m	Grid 8 M4 31.75 dBV/m	Grid 9 M4 31.44 dBV/m



0 dB = 52.00 V/m = 34.32 dBV/m

GSM 850

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 - SN4066; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM850 E-Field measurement/Voice_ch190/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.21 V/m; Power Drift = -0.01 dB

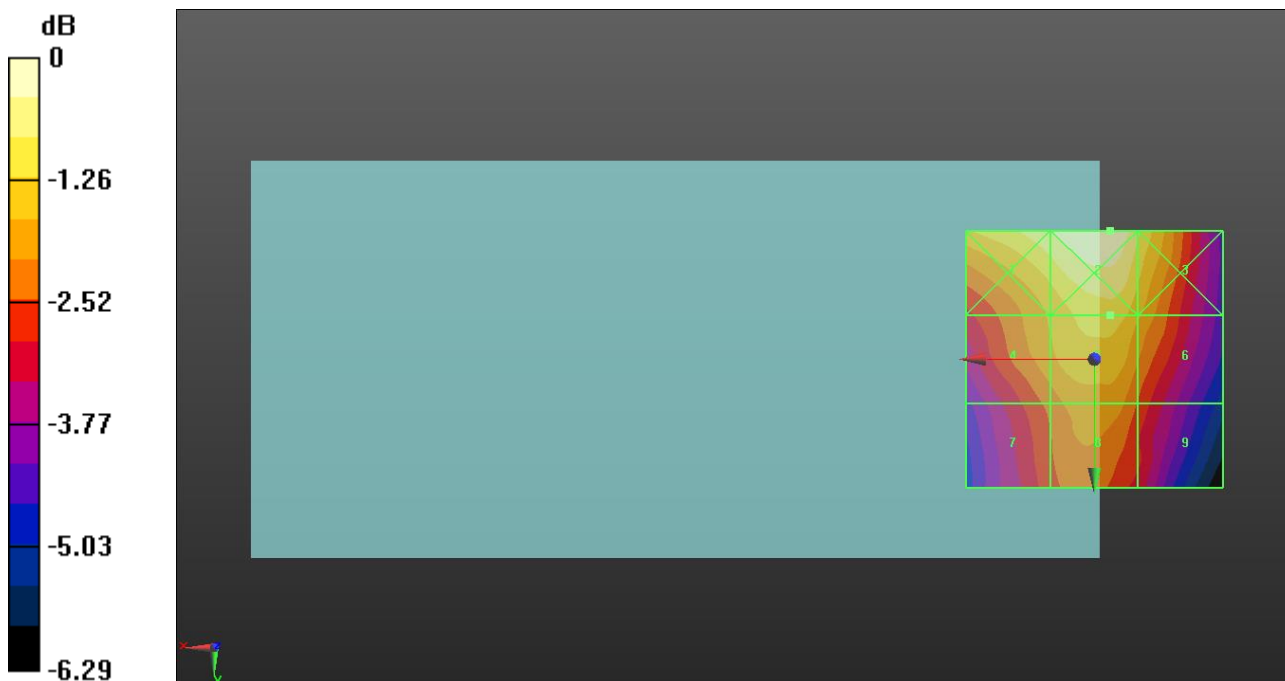
Applied MIF = 3.63 dB

RF audio interference level = 32.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 33.27 dBV/m	Grid 2 M4 33.69 dBV/m	Grid 3 M4 32.94 dBV/m
Grid 4 M4 32.1 dBV/m	Grid 5 M4 32.65 dBV/m	Grid 6 M4 32.1 dBV/m
Grid 7 M4 31.37 dBV/m	Grid 8 M4 31.86 dBV/m	Grid 9 M4 31.15 dBV/m



0 dB = 48.39 V/m = 33.70 dBV/m

GSM 850

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 - SN4066; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM850 E-Field measurement/Voice_ch251/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.86 V/m; Power Drift = 0.00 dB

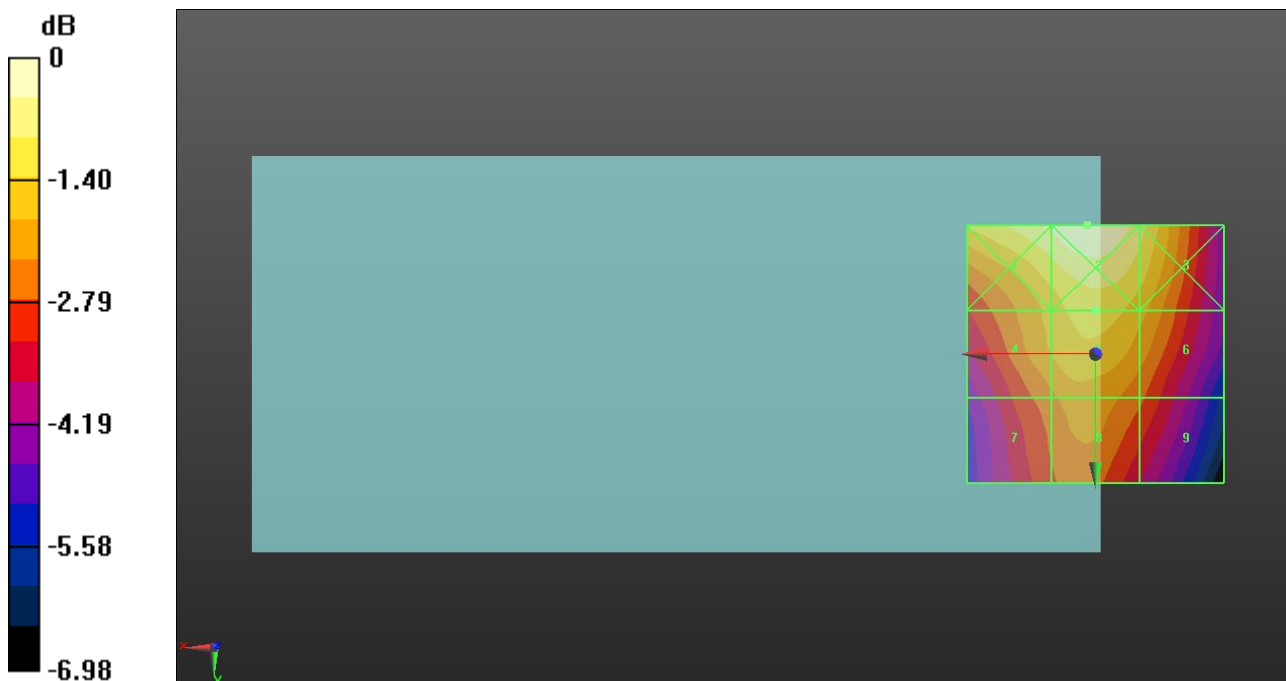
Applied MIF = 3.63 dB

RF audio interference level = 33.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.87 dBV/m	Grid 2 M4 34.23 dBV/m	Grid 3 M4 33.53 dBV/m
Grid 4 M4 32.57 dBV/m	Grid 5 M4 33.04 dBV/m	Grid 6 M4 32.58 dBV/m
Grid 7 M4 31.81 dBV/m	Grid 8 M4 32.2 dBV/m	Grid 9 M4 31.57 dBV/m



0 dB = 51.48 V/m = 34.23 dBV/m

GSM 1900

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 - SN4066; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM1900 E-Field measurement/Voice_ch512/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.616 V/m; Power Drift = -0.17 dB

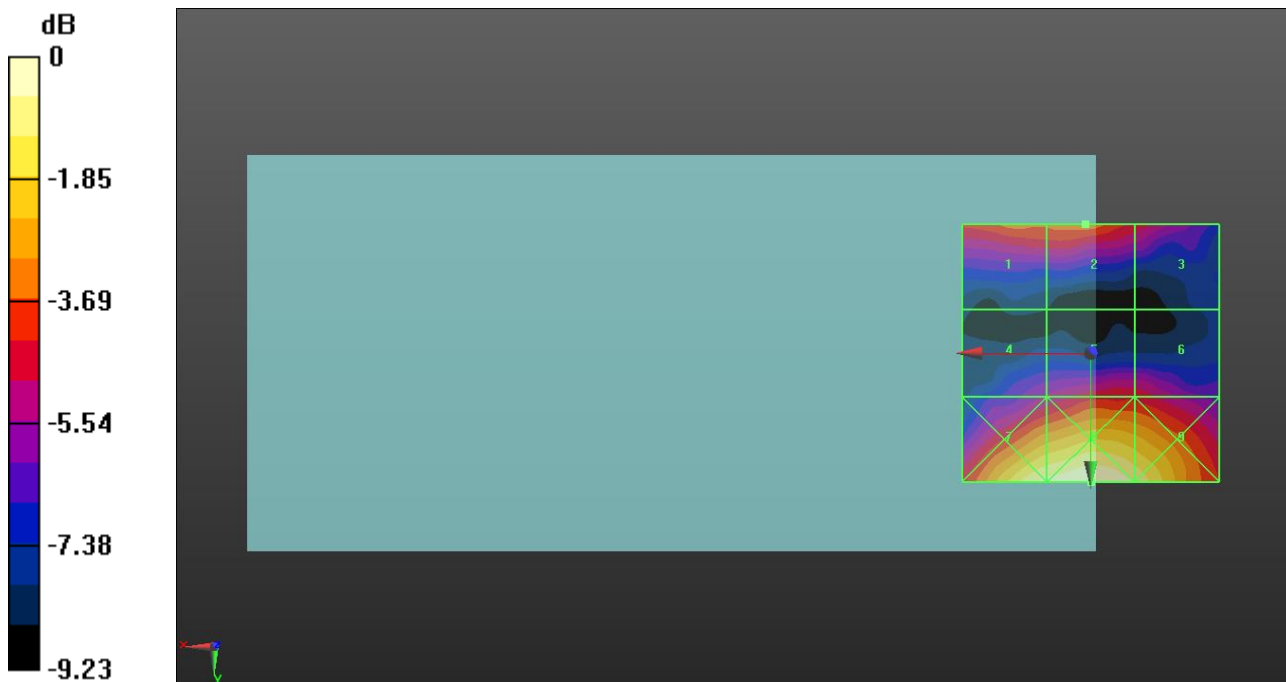
Applied MIF = 3.63 dB

RF audio interference level = 21.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.55 dBV/m	Grid 2 M4 21.68 dBV/m	Grid 3 M4 20.45 dBV/m
Grid 4 M4 19.54 dBV/m	Grid 5 M4 20.5 dBV/m	Grid 6 M4 20.44 dBV/m
Grid 7 M4 24.56 dBV/m	Grid 8 M4 24.93 dBV/m	Grid 9 M4 24.27 dBV/m



0 dB = 17.64 V/m = 24.93 dBV/m

GSM 1900

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 - SN4066; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM1900 E-Field measurement/Voice_ch661/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.820 V/m; Power Drift = -0.18 dB

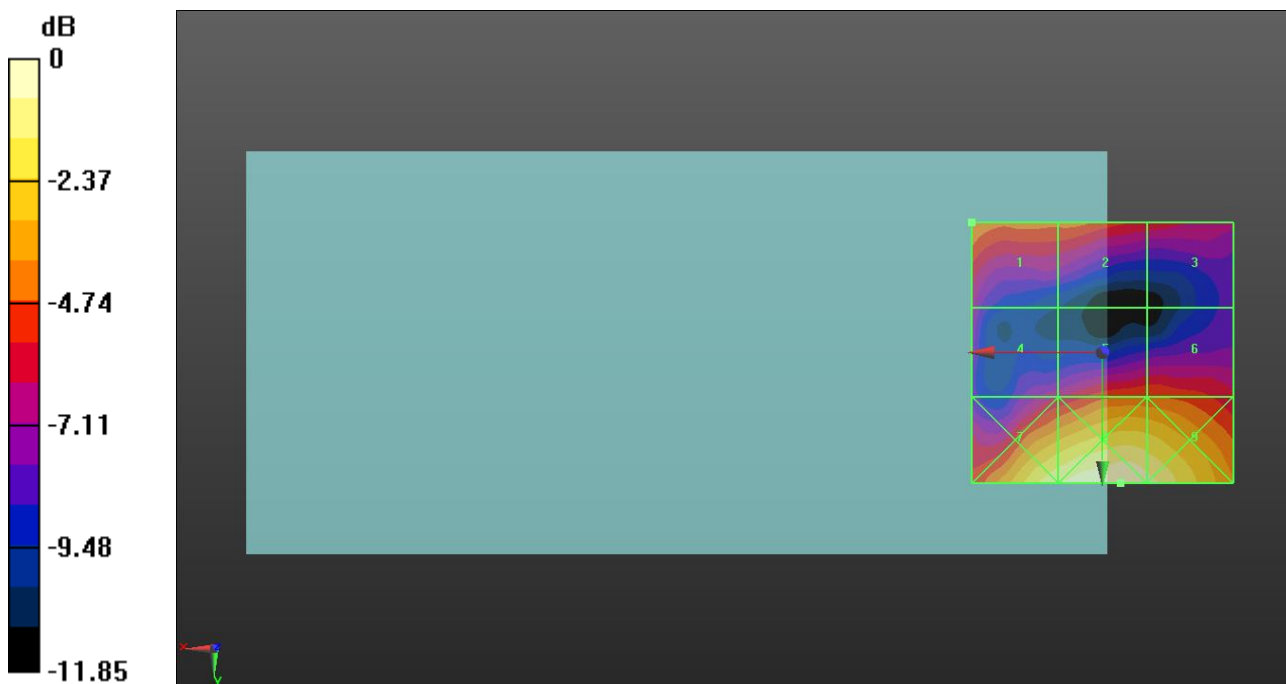
Applied MIF = 3.63 dB

RF audio interference level = 22.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.53 dBV/m	Grid 2 M4 21.98 dBV/m	Grid 3 M4 20.8 dBV/m
Grid 4 M4 19.94 dBV/m	Grid 5 M4 21.68 dBV/m	Grid 6 M4 21.66 dBV/m
Grid 7 M4 25.45 dBV/m	Grid 8 M4 26.3 dBV/m	Grid 9 M4 25.86 dBV/m



0 dB = 20.65 V/m = 26.30 dBV/m

GSM 1900

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 - SN4066; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM1900 E-Field measurement/Voice_ch810/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.067 V/m; Power Drift = -0.12 dB

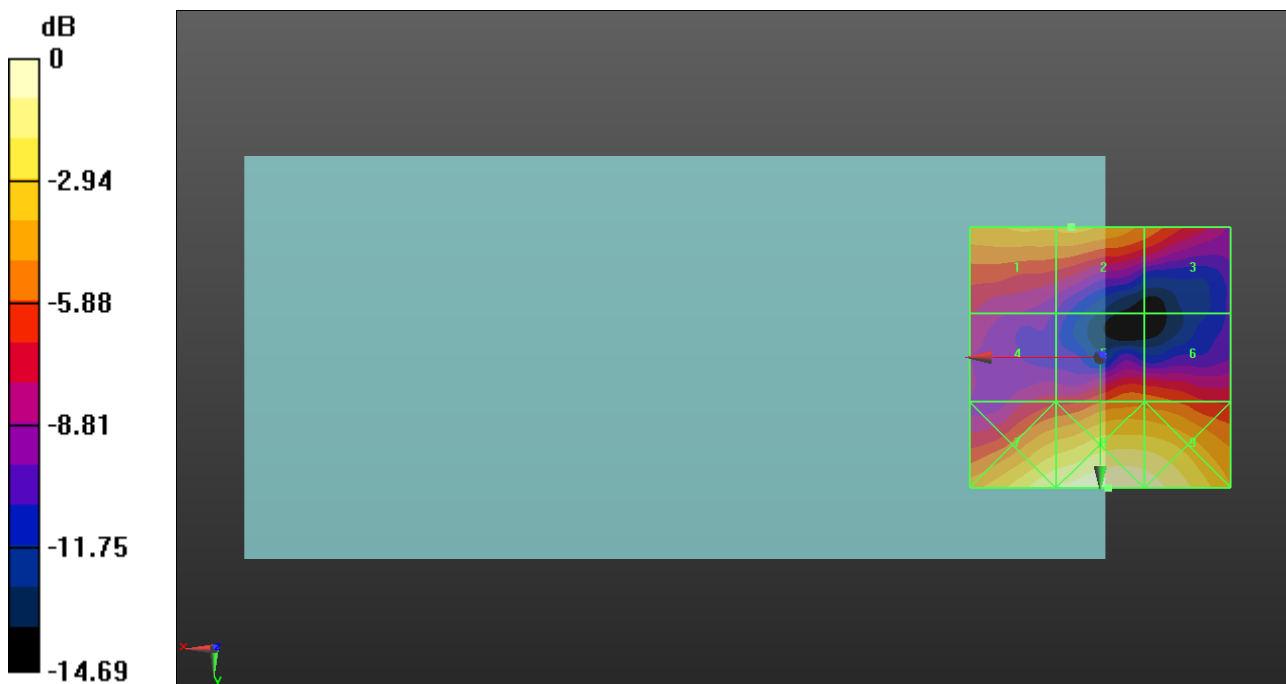
Applied MIF = 3.63 dB

RF audio interference level = 22.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.39 dBV/m	Grid 2 M4 22.48 dBV/m	Grid 3 M4 20.89 dBV/m
Grid 4 M4 18.83 dBV/m	Grid 5 M4 20.8 dBV/m	Grid 6 M4 20.69 dBV/m
Grid 7 M4 25.16 dBV/m	Grid 8 M4 26 dBV/m	Grid 9 M4 25.55 dBV/m



0 dB = 19.94 V/m = 25.99 dBV/m

LTE Band 41_PC 3

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 - SN4066; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

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 = 14.61 V/m; Power Drift = 0.02 dB

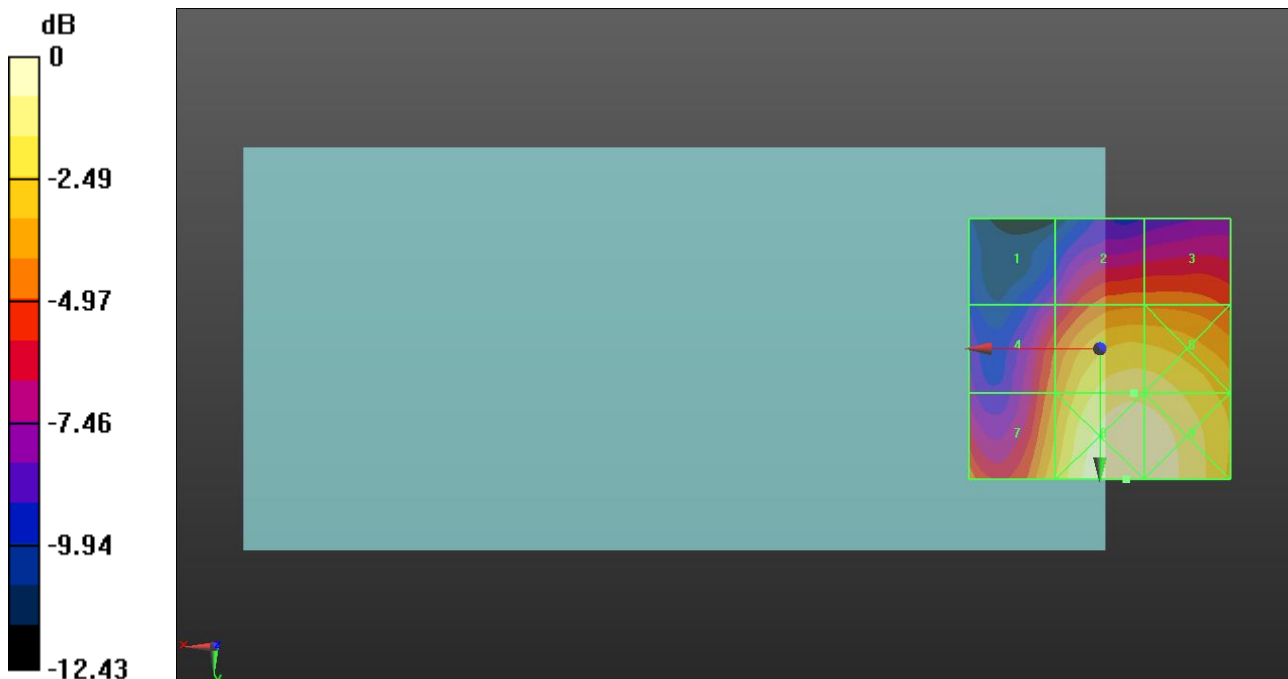
Applied MIF = -1.44 dB

RF audio interference level = 21.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.18 dBV/m	Grid 2 M4 18.27 dBV/m	Grid 3 M4 18.25 dBV/m
Grid 4 M4 18.53 dBV/m	Grid 5 M4 21.56 dBV/m	Grid 6 M4 21.51 dBV/m
Grid 7 M4 20.12 dBV/m	Grid 8 M4 22.57 dBV/m	Grid 9 M4 22.43 dBV/m



0 dB = 13.45 V/m = 22.57 dBV/m

LTE Band 41_PC 3

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 - SN4066; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.13 (7474)

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 = 14.35 V/m; Power Drift = 0.04 dB

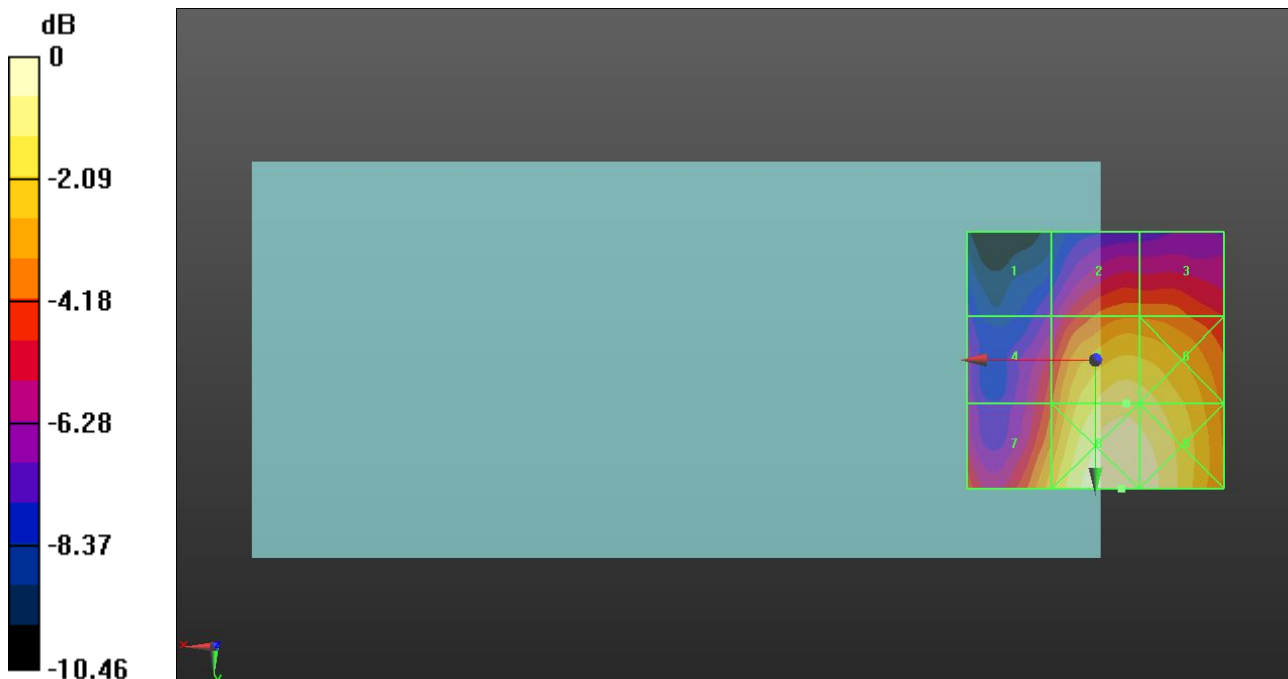
Applied MIF = -1.44 dB

RF audio interference level = 21.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.45 dBV/m	Grid 2 M4 18.51 dBV/m	Grid 3 M4 18.48 dBV/m
Grid 4 M4 17.82 dBV/m	Grid 5 M4 21.14 dBV/m	Grid 6 M4 21.02 dBV/m
Grid 7 M4 19.75 dBV/m	Grid 8 M4 22.05 dBV/m	Grid 9 M4 21.83 dBV/m



0 dB = 12.66 V/m = 22.05 dBV/m

LTE Band 41_PC 3

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 - SN4066; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

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 = 11.07 V/m; Power Drift = -0.08 dB

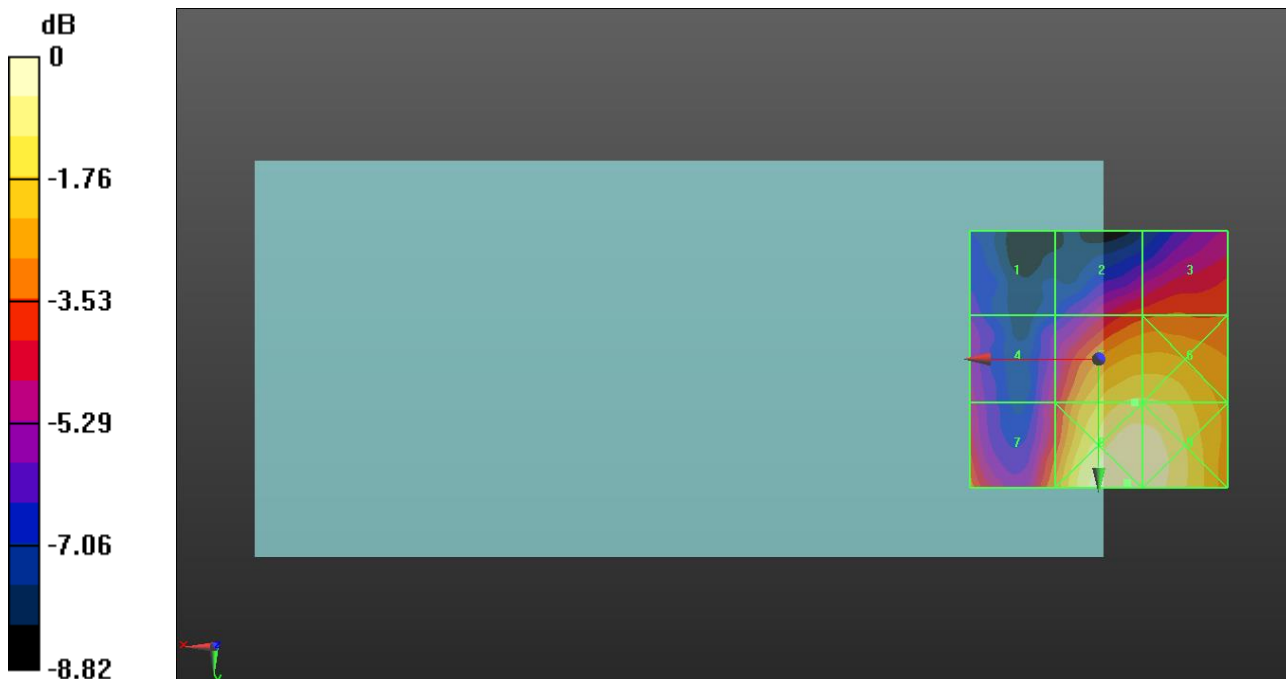
Applied MIF = -1.44 dB

RF audio interference level = 19.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.19 dBV/m	Grid 2 M4 16.43 dBV/m	Grid 3 M4 16.73 dBV/m
Grid 4 M4 15.64 dBV/m	Grid 5 M4 19.12 dBV/m	Grid 6 M4 19.1 dBV/m
Grid 7 M4 17.35 dBV/m	Grid 8 M4 20.16 dBV/m	Grid 9 M4 20.04 dBV/m



0 dB = 10.19 V/m = 20.16 dBV/m

LTE Band 41_PC 3

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 - SN4066; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.13 (7474)

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 = 11.77 V/m; Power Drift = -0.06 dB

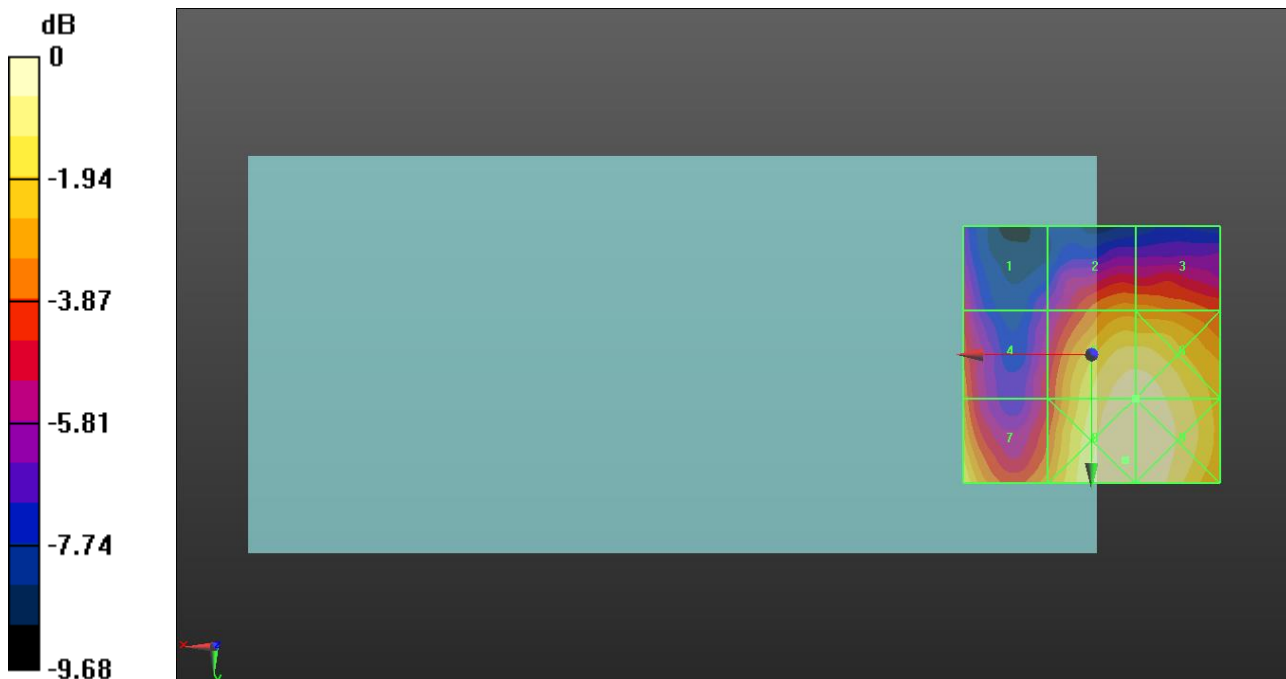
Applied MIF = -1.44 dB

RF audio interference level = 19.10 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.71 dBV/m	Grid 2 M4 16.54 dBV/m	Grid 3 M4 16.48 dBV/m
Grid 4 M4 16.21 dBV/m	Grid 5 M4 19.1 dBV/m	Grid 6 M4 19.1 dBV/m
Grid 7 M4 18.41 dBV/m	Grid 8 M4 19.34 dBV/m	Grid 9 M4 19.3 dBV/m



0 dB = 9.269 V/m = 19.34 dBV/m

LTE Band 41_PC 3

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 - SN4066; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

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 = 10.88 V/m; Power Drift = -0.03 dB

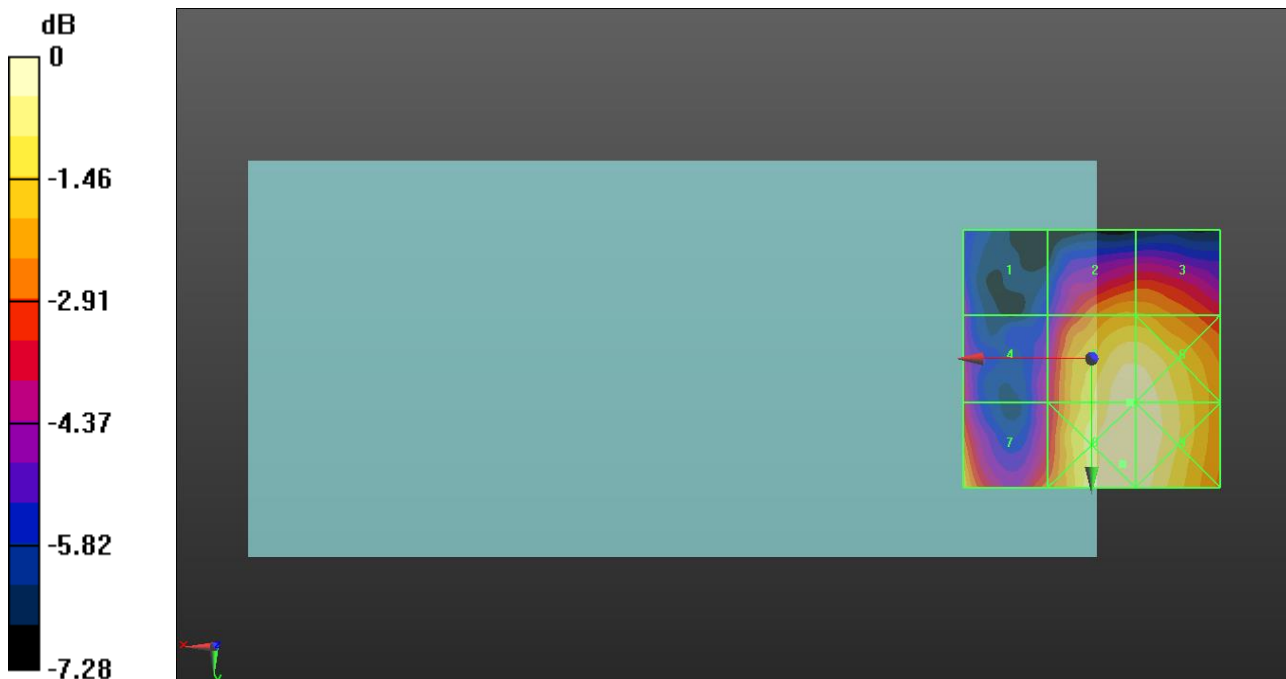
Applied MIF = -1.44 dB

RF audio interference level = 18.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.18 dBV/m	Grid 2 M4 16.59 dBV/m	Grid 3 M4 16.57 dBV/m
Grid 4 M4 14.9 dBV/m	Grid 5 M4 18.23 dBV/m	Grid 6 M4 18.22 dBV/m
Grid 7 M4 17.17 dBV/m	Grid 8 M4 18.4 dBV/m	Grid 9 M4 18.3 dBV/m



0 dB = 8.319 V/m = 18.40 dBV/m

LTE Band 41_PC2

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 - SN4066; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

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 = 14.42 V/m; Power Drift = 0.05 dB

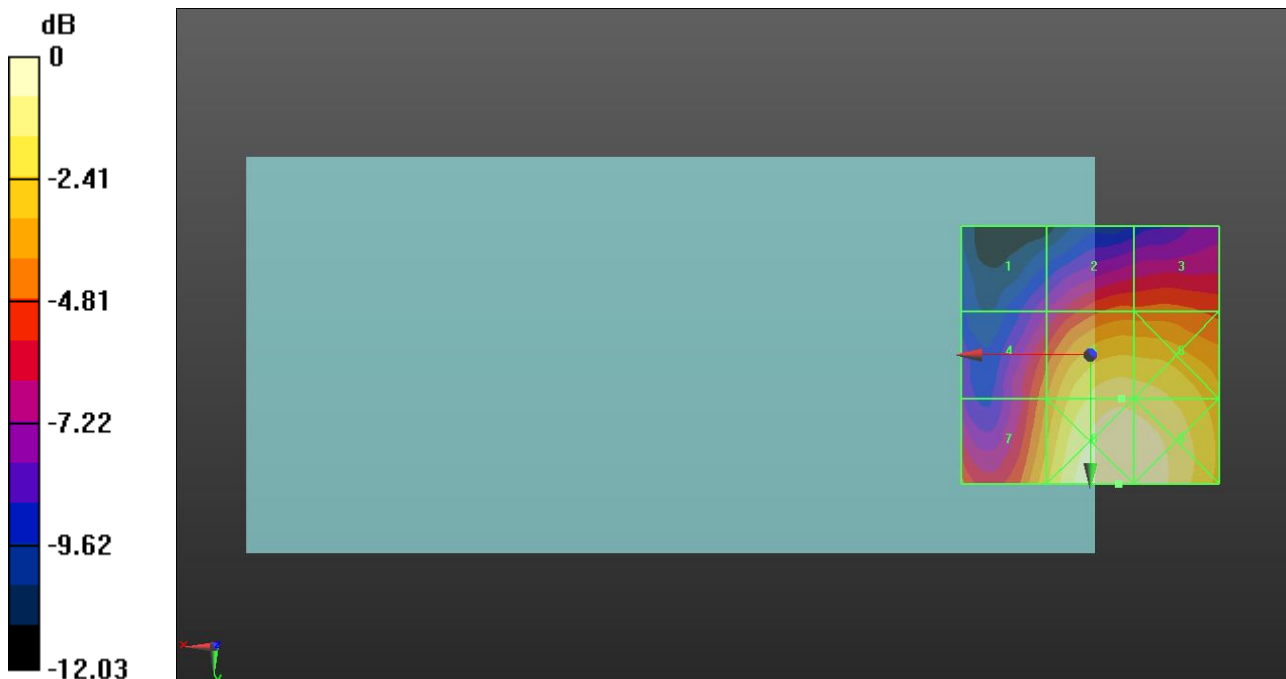
Applied MIF = -1.44 dB

RF audio interference level = 21.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.26 dBV/m	Grid 2 M4 18 dBV/m	Grid 3 M4 18.04 dBV/m
Grid 4 M4 18.43 dBV/m	Grid 5 M4 21.49 dBV/m	Grid 6 M4 21.38 dBV/m
Grid 7 M4 19.94 dBV/m	Grid 8 M4 22.48 dBV/m	Grid 9 M4 22.39 dBV/m



0 dB = 13.30 V/m = 22.48 dBV/m

LTE Band 41_PC2

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 - SN4066; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

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 = 13.85 V/m; Power Drift = -0.06 dB

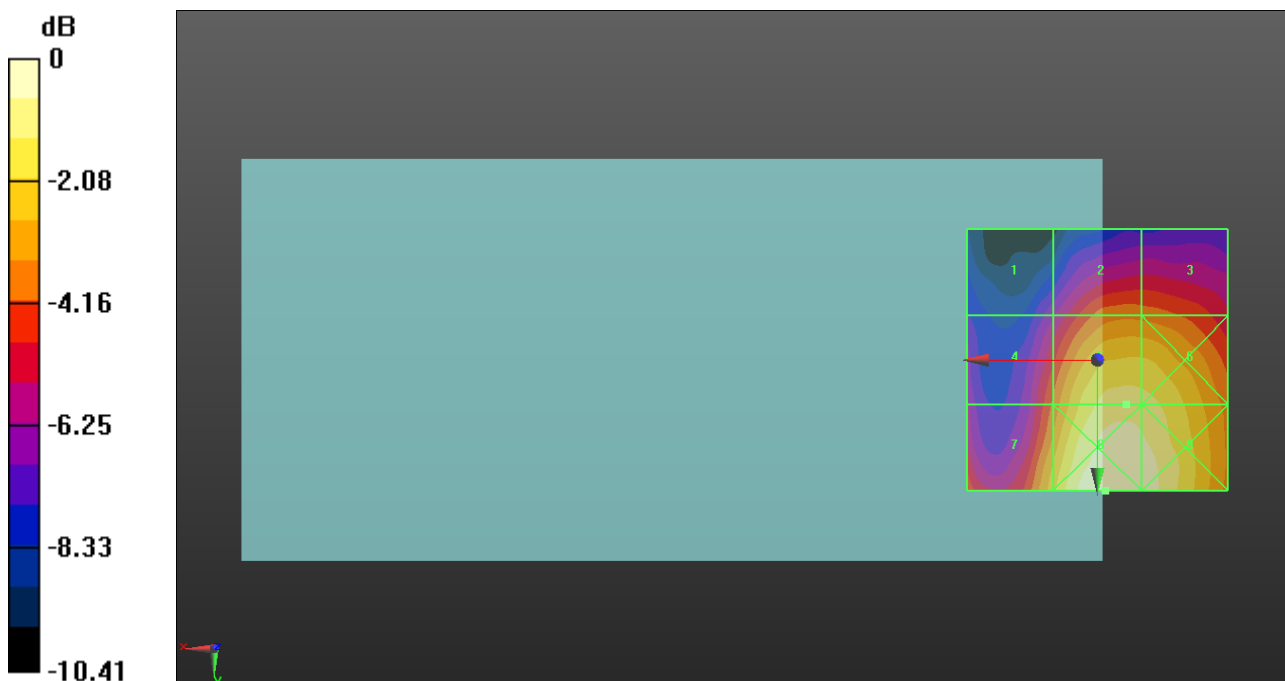
Applied MIF = -1.44 dB

RF audio interference level = 20.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.13 dBV/m	Grid 2 M4 17.87 dBV/m	Grid 3 M4 17.78 dBV/m
Grid 4 M4 17.47 dBV/m	Grid 5 M4 20.47 dBV/m	Grid 6 M4 20.39 dBV/m
Grid 7 M4 19.17 dBV/m	Grid 8 M4 21.47 dBV/m	Grid 9 M4 21.19 dBV/m



0 dB = 11.84 V/m = 21.47 dBV/m

LTE Band 41_PC2

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 - SN4066; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

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 = 10.57 V/m; Power Drift = -0.05 dB

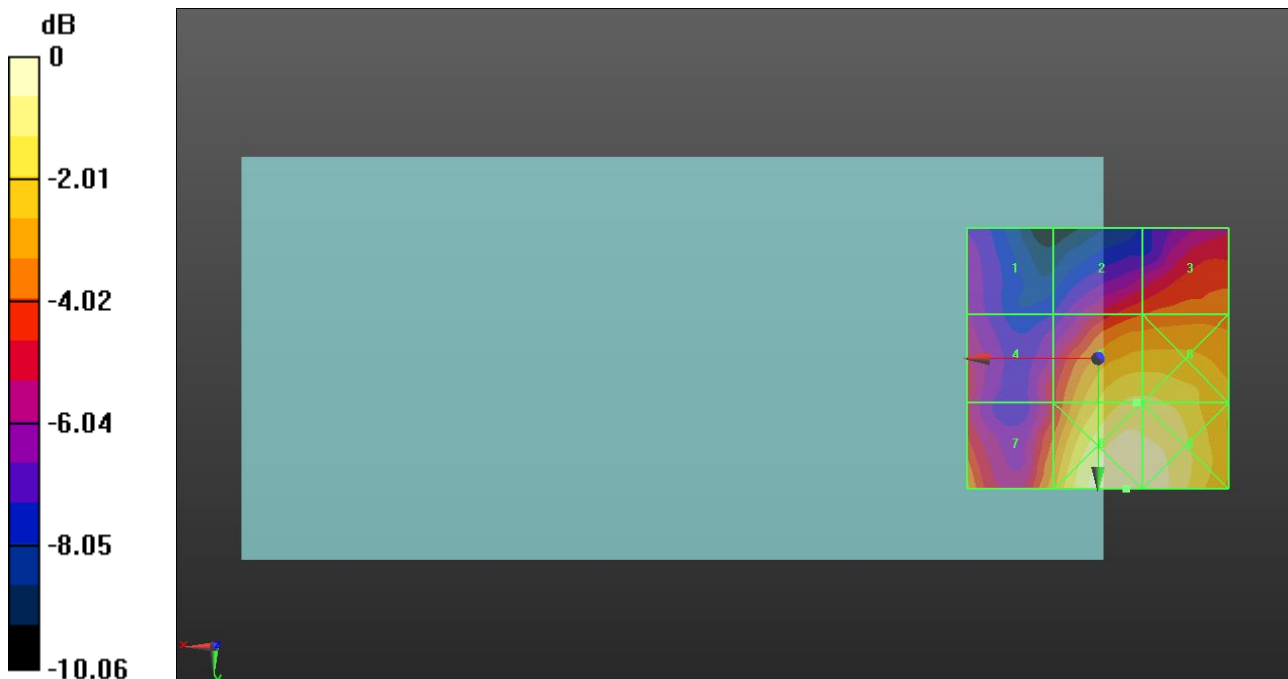
Applied MIF = -1.44 dB

RF audio interference level = 18.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.1 dBV/m	Grid 2 M4 15.95 dBV/m	Grid 3 M4 16.33 dBV/m
Grid 4 M4 15.22 dBV/m	Grid 5 M4 18.81 dBV/m	Grid 6 M4 18.81 dBV/m
Grid 7 M4 17.18 dBV/m	Grid 8 M4 19.99 dBV/m	Grid 9 M4 19.87 dBV/m



0 dB = 9.984 V/m = 19.99 dBV/m

LTE Band 41_PC2

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 - SN4066; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.13 (7474)

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 = 11.49 V/m; Power Drift = -0.04 dB

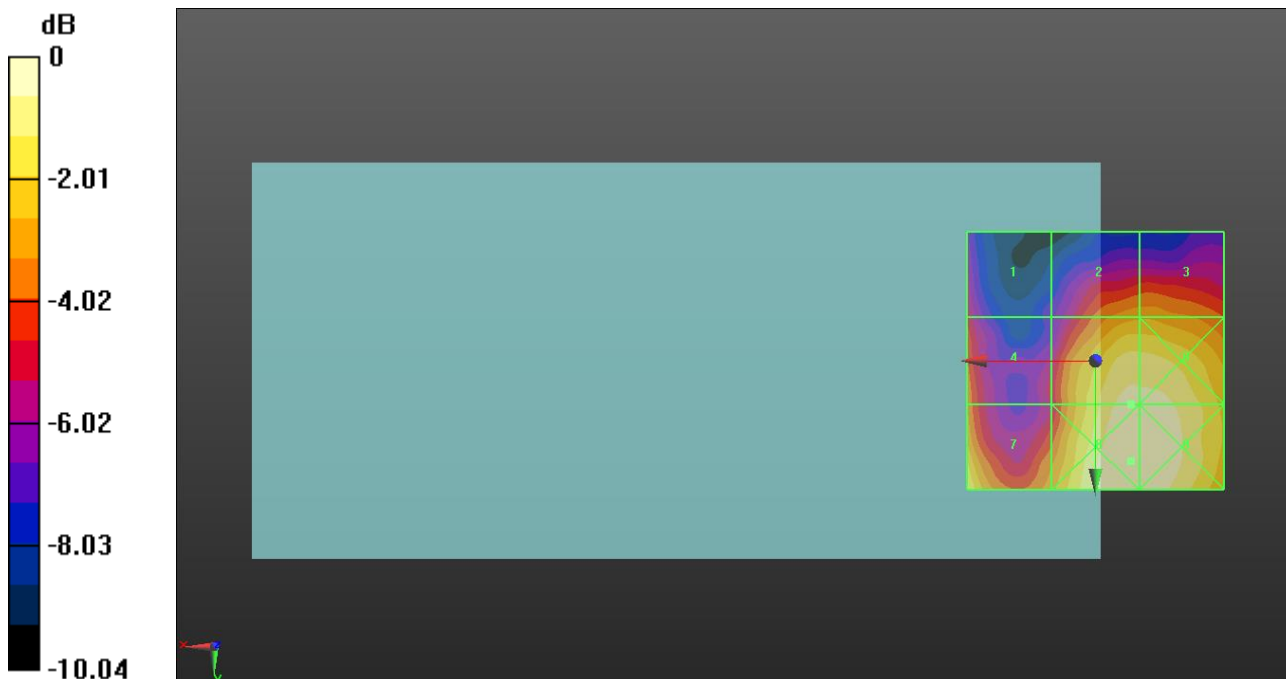
Applied MIF = -1.44 dB

RF audio interference level = 18.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.23 dBV/m	Grid 2 M4 16.37 dBV/m	Grid 3 M4 16.39 dBV/m
Grid 4 M4 15.91 dBV/m	Grid 5 M4 18.82 dBV/m	Grid 6 M4 18.8 dBV/m
Grid 7 M4 18.12 dBV/m	Grid 8 M4 19.15 dBV/m	Grid 9 M4 19.12 dBV/m



0 dB = 9.071 V/m = 19.15 dBV/m

LTE Band 41_PC2

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 - SN4066; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

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 = 10.78 V/m; Power Drift = 0.06 dB

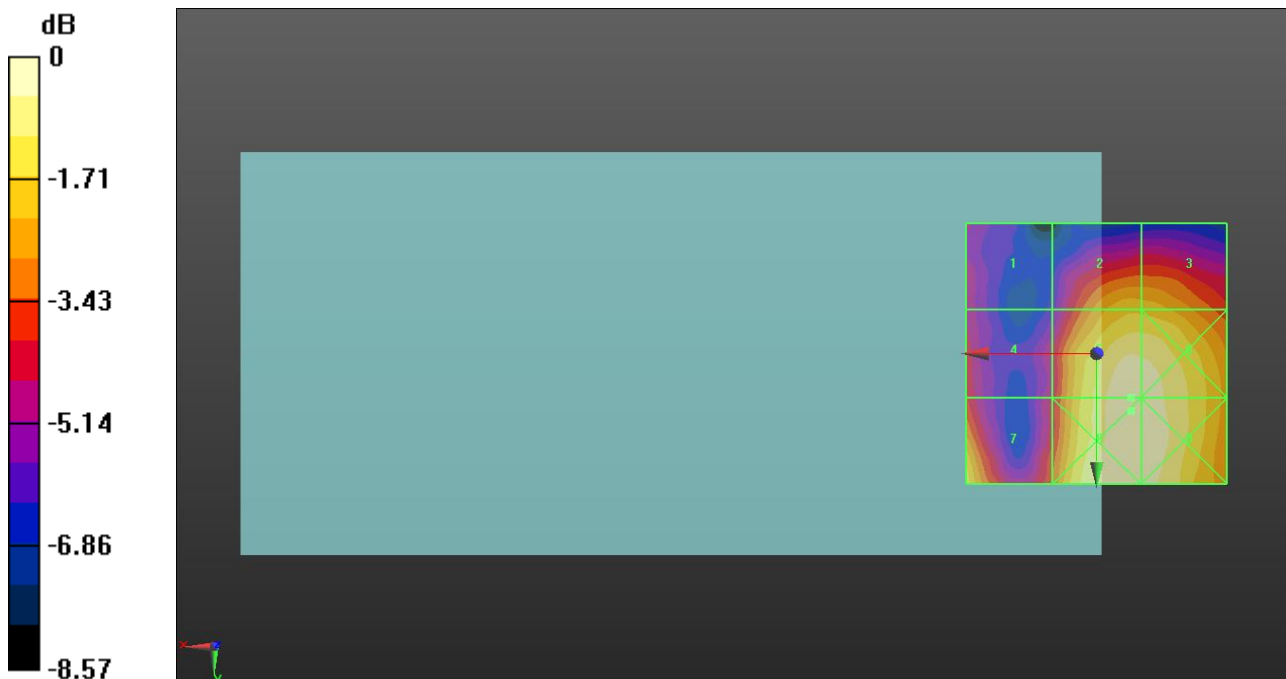
Applied MIF = -1.44 dB

RF audio interference level = 18.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.64 dBV/m	Grid 2 M4 16.35 dBV/m	Grid 3 M4 16.3 dBV/m
Grid 4 M4 14.34 dBV/m	Grid 5 M4 18.13 dBV/m	Grid 6 M4 18.03 dBV/m
Grid 7 M4 16.95 dBV/m	Grid 8 M4 18.18 dBV/m	Grid 9 M4 18.18 dBV/m



0 dB = 8.113 V/m = 18.18 dBV/m

WiFi 2.4GHz_Ant.1

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: 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/54Mbps_ch1 ANT 1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.20 V/m; Power Drift = 0.04 dB

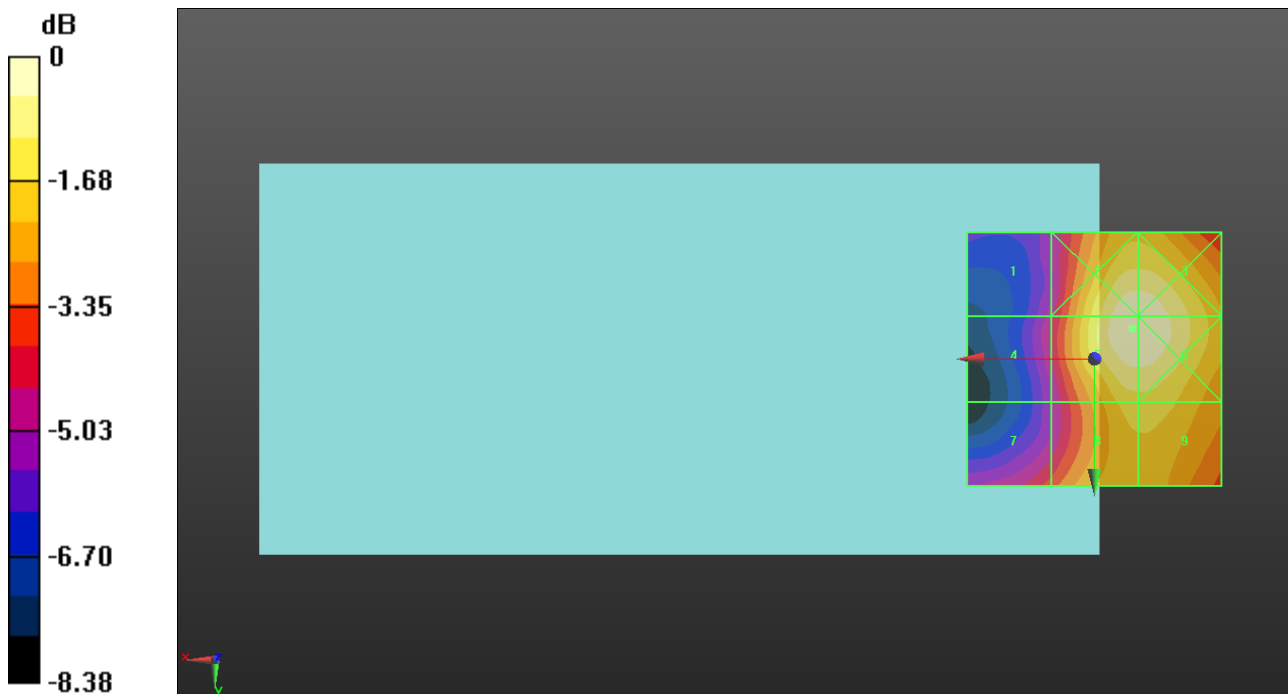
Applied MIF = 0.12 dB

RF audio interference level = 25.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.9 dBV/m	Grid 2 M4 25.49 dBV/m	Grid 3 M4 25.49 dBV/m
Grid 4 M4 21.25 dBV/m	Grid 5 M4 25.58 dBV/m	Grid 6 M4 25.57 dBV/m
Grid 7 M4 21.98 dBV/m	Grid 8 M4 24.28 dBV/m	Grid 9 M4 24.3 dBV/m



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

WiFi 2.4GHz_Ant.1

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: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: 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/54Mbps_ch6 ANT 1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.86 V/m; Power Drift = -0.10 dB

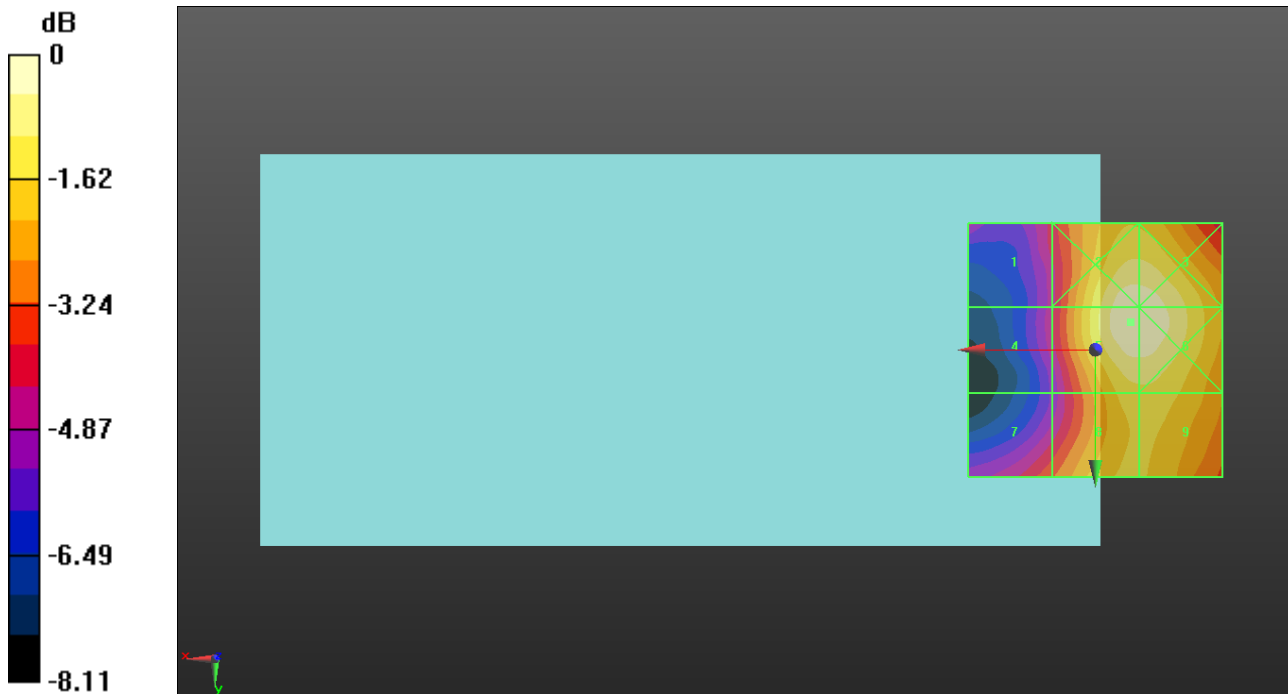
Applied MIF = 0.12 dB

RF audio interference level = 24.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.82 dBV/m	Grid 2 M4 24.78 dBV/m	Grid 3 M4 24.74 dBV/m
Grid 4 M4 20.53 dBV/m	Grid 5 M4 24.89 dBV/m	Grid 6 M4 24.85 dBV/m
Grid 7 M4 21.61 dBV/m	Grid 8 M4 23.65 dBV/m	Grid 9 M4 23.66 dBV/m



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

WiFi 2.4GHz_Ant.1

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: 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/54Mbps_ch11 ANT 1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 24.16 V/m; Power Drift = -0.07 dB

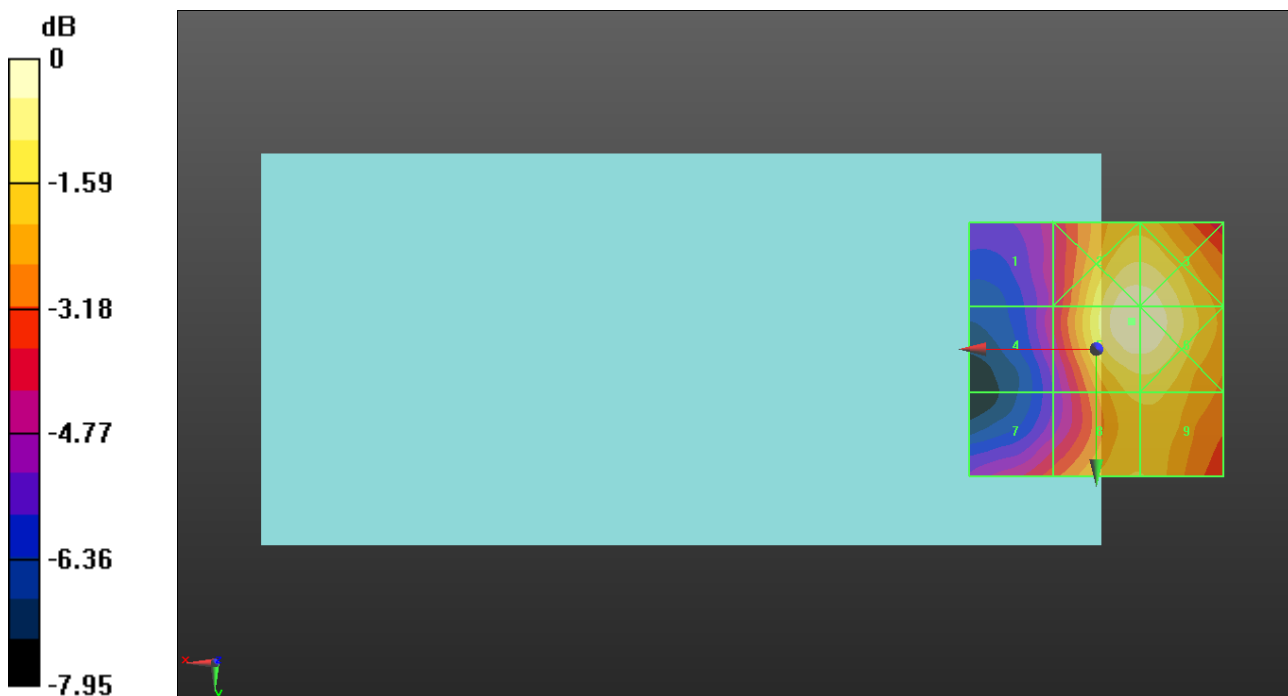
Applied MIF = 0.12 dB

RF audio interference level = 25.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.95 dBV/m	Grid 2 M4 25.15 dBV/m	Grid 3 M4 25.12 dBV/m
Grid 4 M4 21.03 dBV/m	Grid 5 M4 25.27 dBV/m	Grid 6 M4 25.24 dBV/m
Grid 7 M4 21.92 dBV/m	Grid 8 M4 23.83 dBV/m	Grid 9 M4 23.85 dBV/m



0 dB = 18.34 V/m = 25.27 dBV/m

WiFi 2.4GHz_Ant.2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: 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/54Mbps_ch1 ANT 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 = 7.584 V/m; Power Drift = -0.03 dB

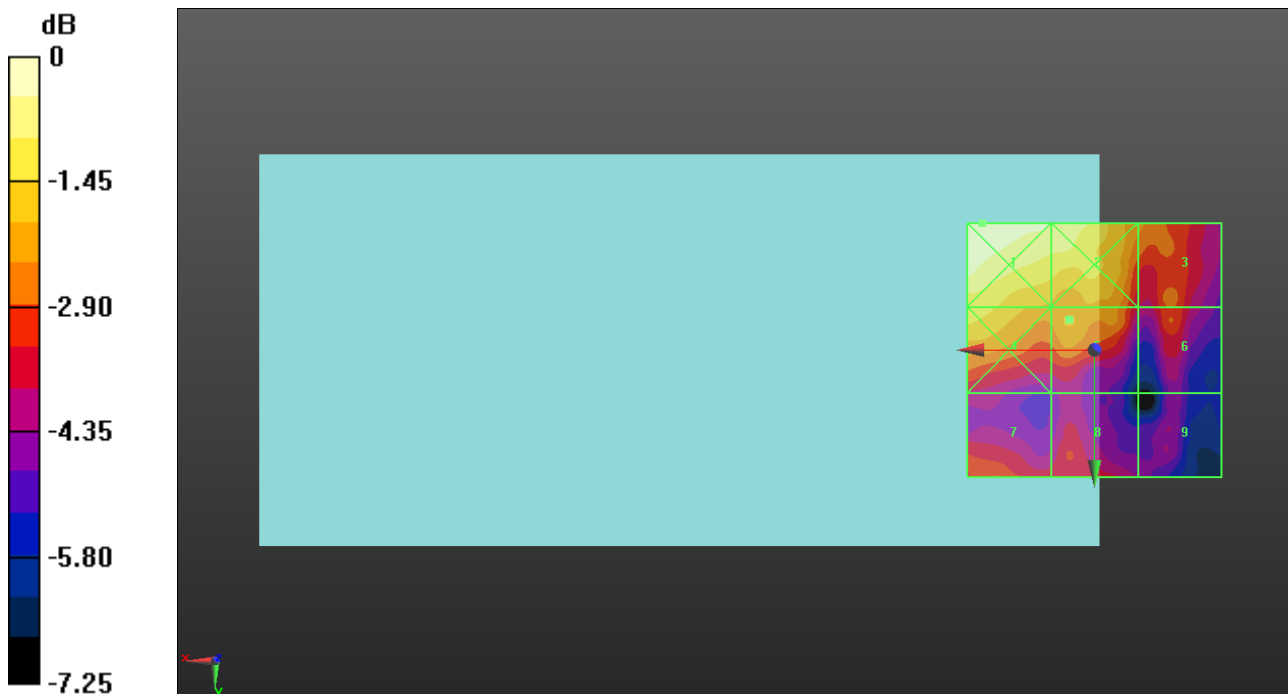
Applied MIF = 0.12 dB

RF audio interference level = 16.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.52 dBV/m	Grid 2 M4 18.03 dBV/m	Grid 3 M4 16.27 dBV/m
Grid 4 M4 17.3 dBV/m	Grid 5 M4 16.66 dBV/m	Grid 6 M4 15.67 dBV/m
Grid 7 M4 15.67 dBV/m	Grid 8 M4 15.18 dBV/m	Grid 9 M4 14.22 dBV/m



0 dB = 8.429 V/m = 18.52 dBV/m

WiFi 2.4GHz_Ant.2

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: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: 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/54Mbps_ch6 ANT 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 = 7.275 V/m; Power Drift = -0.13 dB

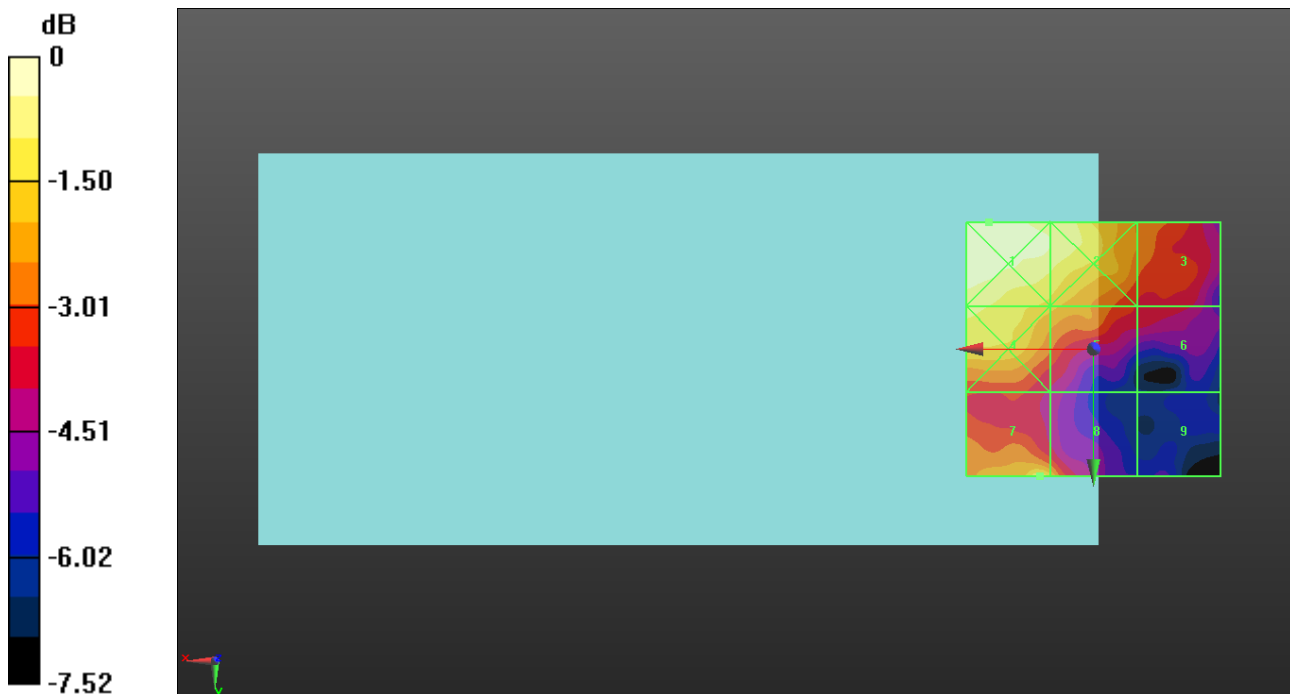
Applied MIF = 0.12 dB

RF audio interference level = 16.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.79 dBV/m	Grid 2 M4 17.3 dBV/m	Grid 3 M4 15.31 dBV/m
Grid 4 M4 17.03 dBV/m	Grid 5 M4 16.03 dBV/m	Grid 6 M4 14.25 dBV/m
Grid 7 M4 16.77 dBV/m	Grid 8 M4 16.11 dBV/m	Grid 9 M4 12.5 dBV/m



0 dB = 7.756 V/m = 17.79 dBV/m

WiFi 2.4GHz_Ant.2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- Phantom: 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/54Mbps_ch11 ANT 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 = 7.102 V/m; Power Drift = 0.18 dB

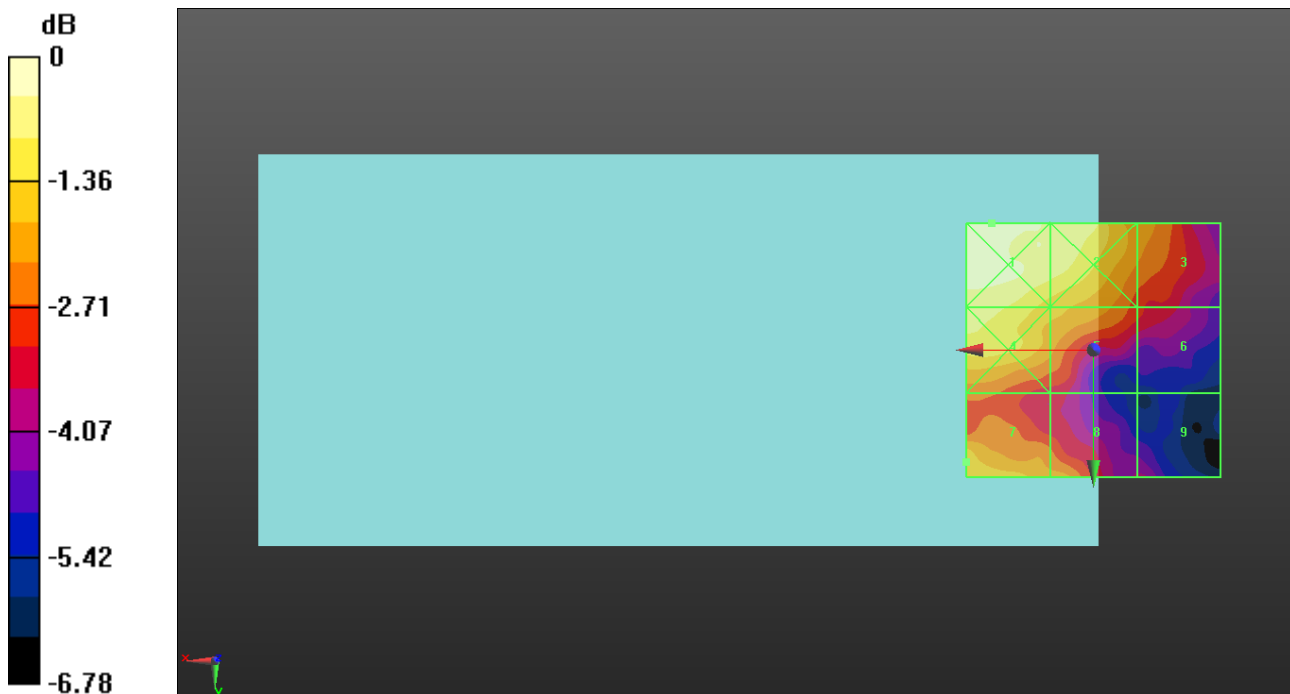
Applied MIF = 0.12 dB

RF audio interference level = 15.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.24 dBV/m	Grid 2 M4 16.74 dBV/m	Grid 3 M4 15.34 dBV/m
Grid 4 M4 16.59 dBV/m	Grid 5 M4 15.71 dBV/m	Grid 6 M4 14.29 dBV/m
Grid 7 M4 15.75 dBV/m	Grid 8 M4 15.22 dBV/m	Grid 9 M4 13.36 dBV/m



0 dB = 7.282 V/m = 17.25 dBV/m