

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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 50.72 V/m; Power Drift = -0.01 dB

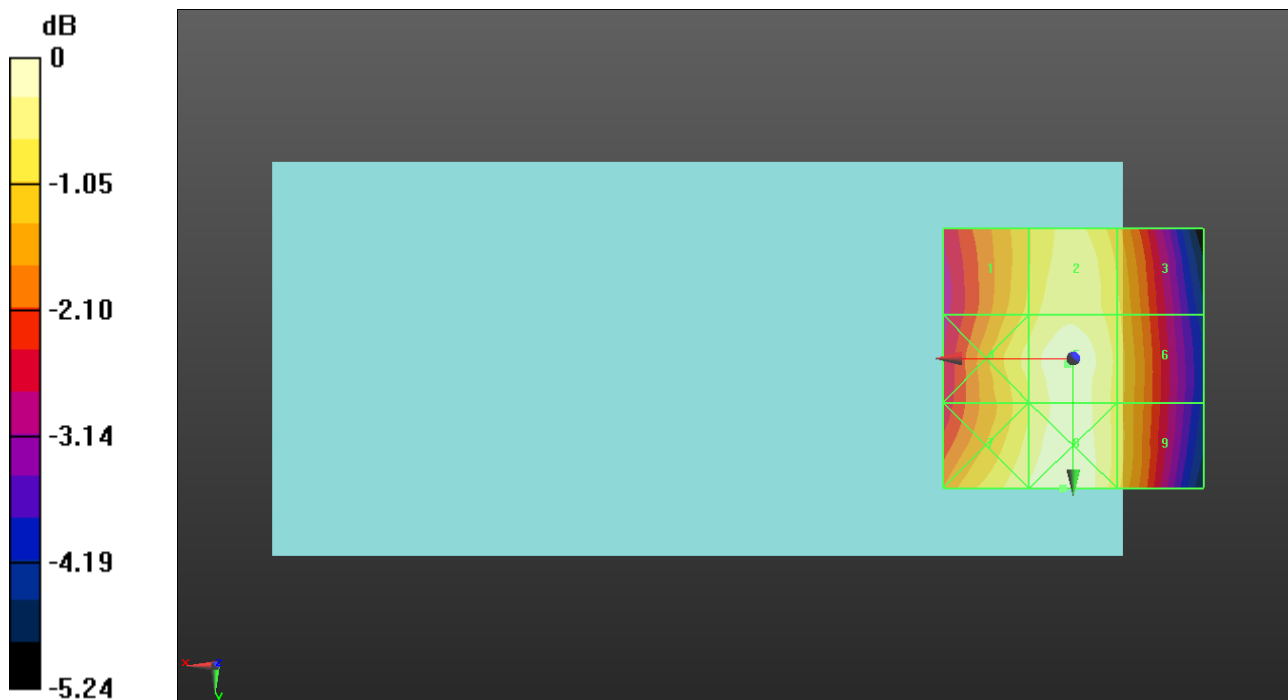
Applied MIF = 3.63 dB

RF audio interference level = 35.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.52 dBV/m	Grid 2 M4 35.05 dBV/m	Grid 3 M4 34.46 dBV/m
Grid 4 M4 34.88 dBV/m	Grid 5 M4 35.28 dBV/m	Grid 6 M4 34.62 dBV/m
Grid 7 M4 35.14 dBV/m	Grid 8 M4 35.42 dBV/m	Grid 9 M4 34.6 dBV/m



0 dB = 59.05 V/m = 35.42 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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 52.43 V/m; Power Drift = -0.06 dB

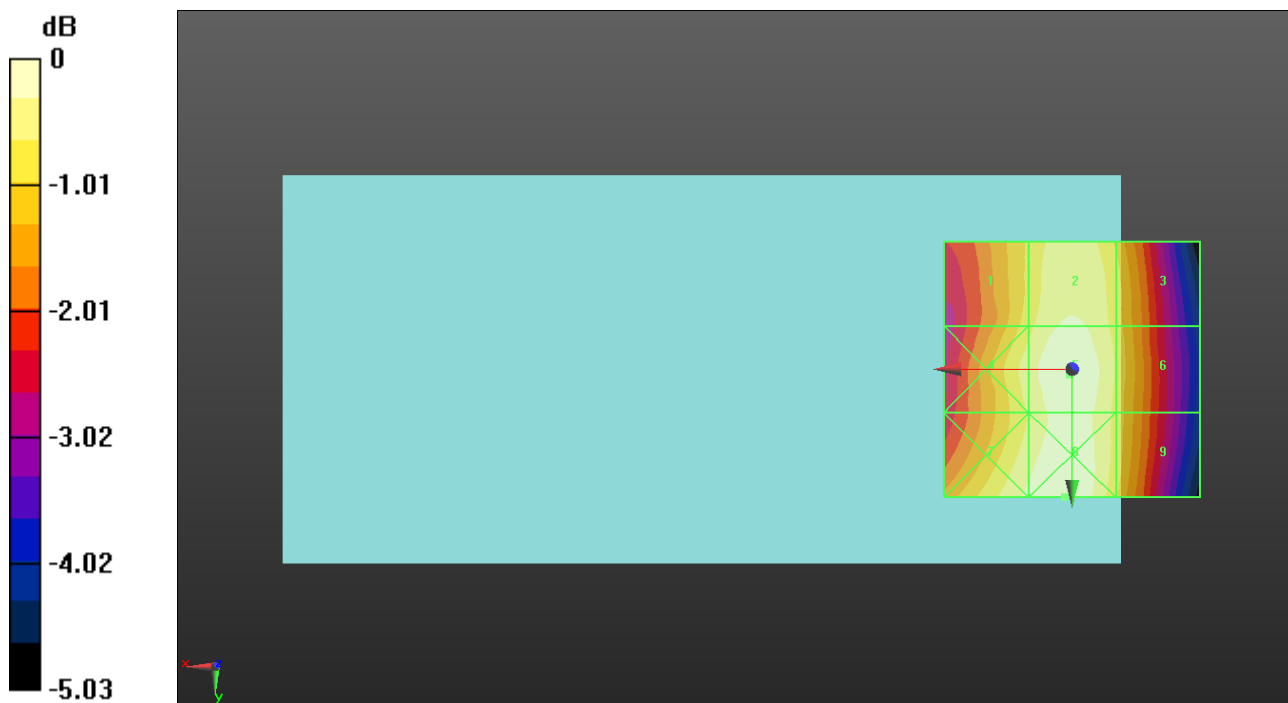
Applied MIF = 3.63 dB

RF audio interference level = 35.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.84 dBV/m	Grid 2 M4 35.35 dBV/m	Grid 3 M4 34.82 dBV/m
Grid 4 M4 35.16 dBV/m	Grid 5 M4 35.55 dBV/m	Grid 6 M4 34.94 dBV/m
Grid 7 M4 35.38 dBV/m	Grid 8 M4 35.64 dBV/m	Grid 9 M4 34.87 dBV/m



0 dB = 60.50 V/m = 35.64 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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 57.23 V/m; Power Drift = -0.05 dB

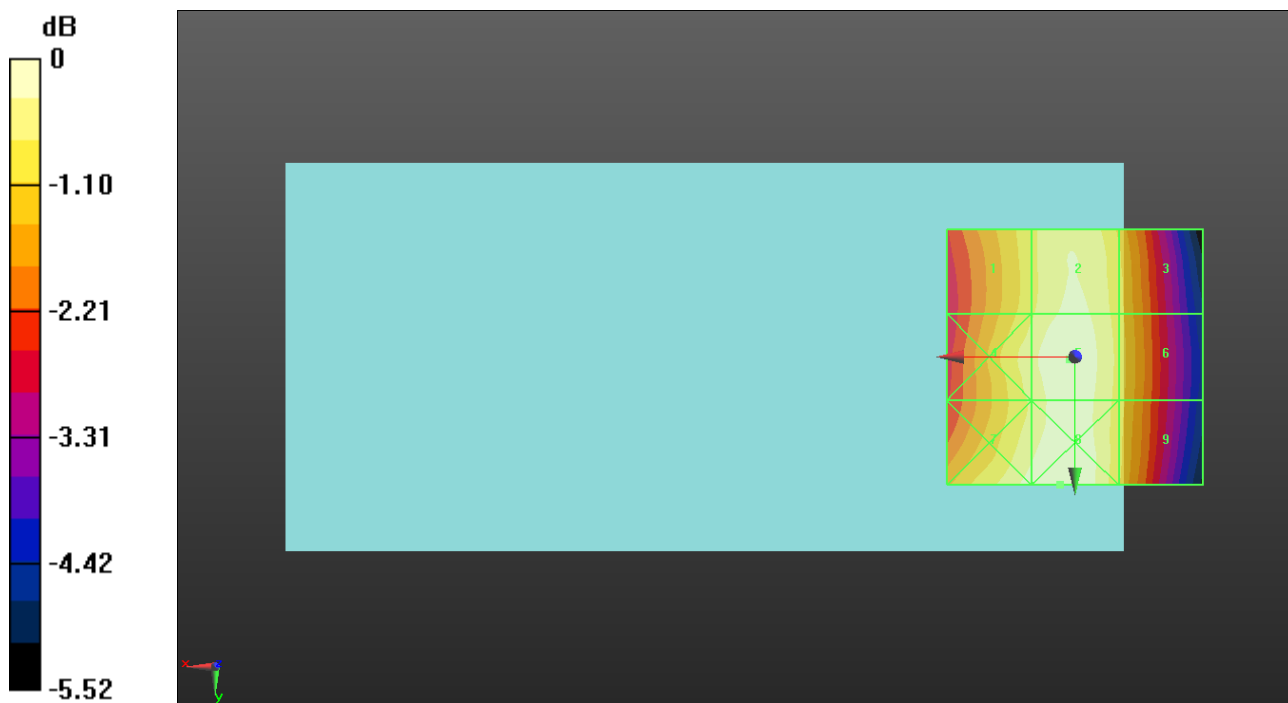
Applied MIF = 3.63 dB

RF audio interference level = 36.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.56 dBV/m	Grid 2 M4 36.09 dBV/m	Grid 3 M4 35.42 dBV/m
Grid 4 M4 35.89 dBV/m	Grid 5 M4 36.26 dBV/m	Grid 6 M4 35.5 dBV/m
Grid 7 M4 36.15 dBV/m	Grid 8 M4 36.36 dBV/m	Grid 9 M4 35.45 dBV/m



0 dB = 65.75 V/m = 36.36 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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 26.26 V/m; Power Drift = -0.05 dB

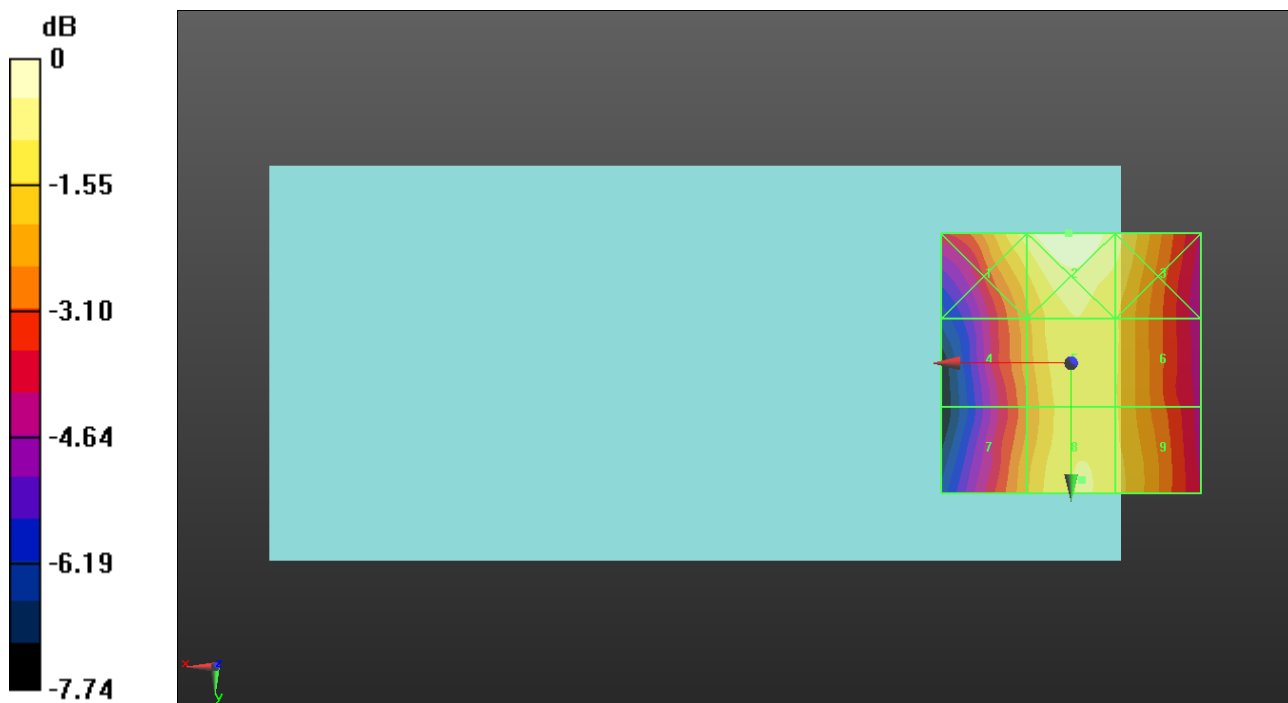
Applied MIF = 3.63 dB

RF audio interference level = 29.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.9 dBV/m	Grid 2 M3 30.61 dBV/m	Grid 3 M4 29.84 dBV/m
Grid 4 M4 28.42 dBV/m	Grid 5 M4 29.58 dBV/m	Grid 6 M4 29.15 dBV/m
Grid 7 M4 28.5 dBV/m	Grid 8 M4 29.62 dBV/m	Grid 9 M4 29.29 dBV/m



0 dB = 33.94 V/m = 30.61 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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 26.45 V/m; Power Drift = -0.14 dB

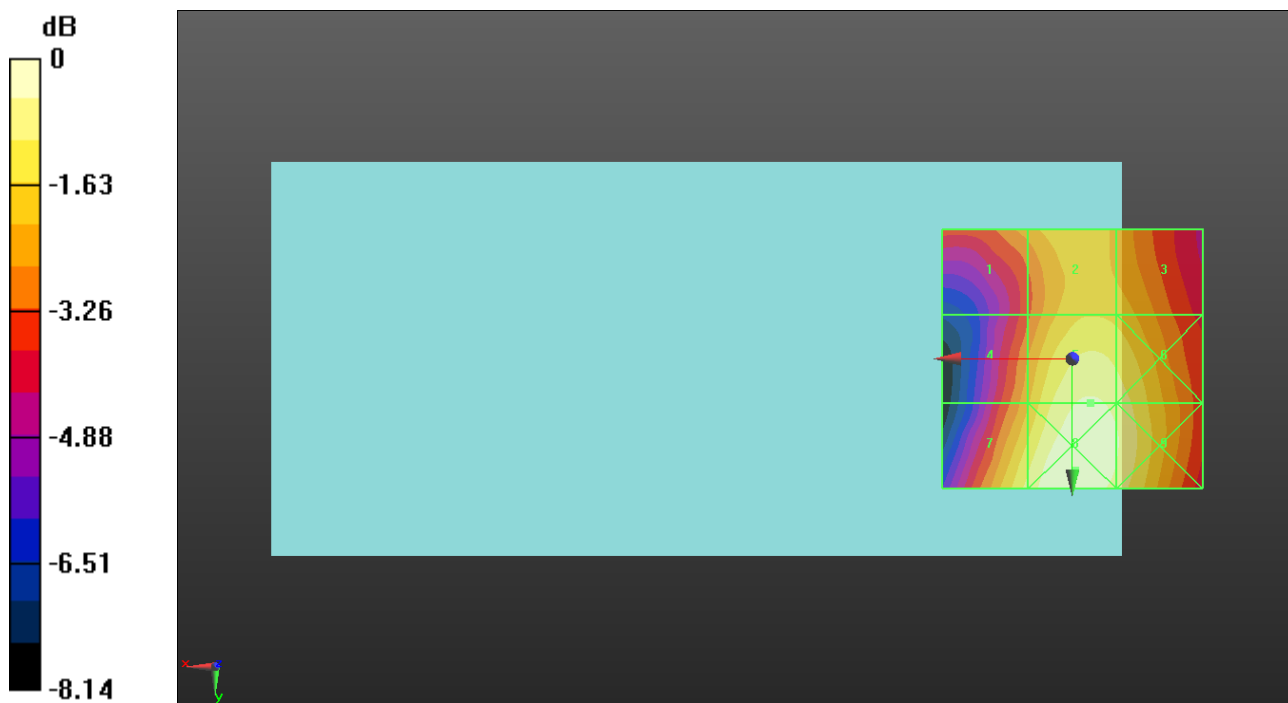
Applied MIF = 3.63 dB

RF audio interference level = 30.17 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.24 dBV/m	Grid 2 M4 28.99 dBV/m	Grid 3 M4 28.83 dBV/m
Grid 4 M4 28.42 dBV/m	Grid 5 M3 30.17 dBV/m	Grid 6 M4 29.91 dBV/m
Grid 7 M4 29.75 dBV/m	Grid 8 M3 30.64 dBV/m	Grid 9 M3 30.14 dBV/m



0 dB = 34.02 V/m = 30.63 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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 23.97 V/m; Power Drift = 0.05 dB

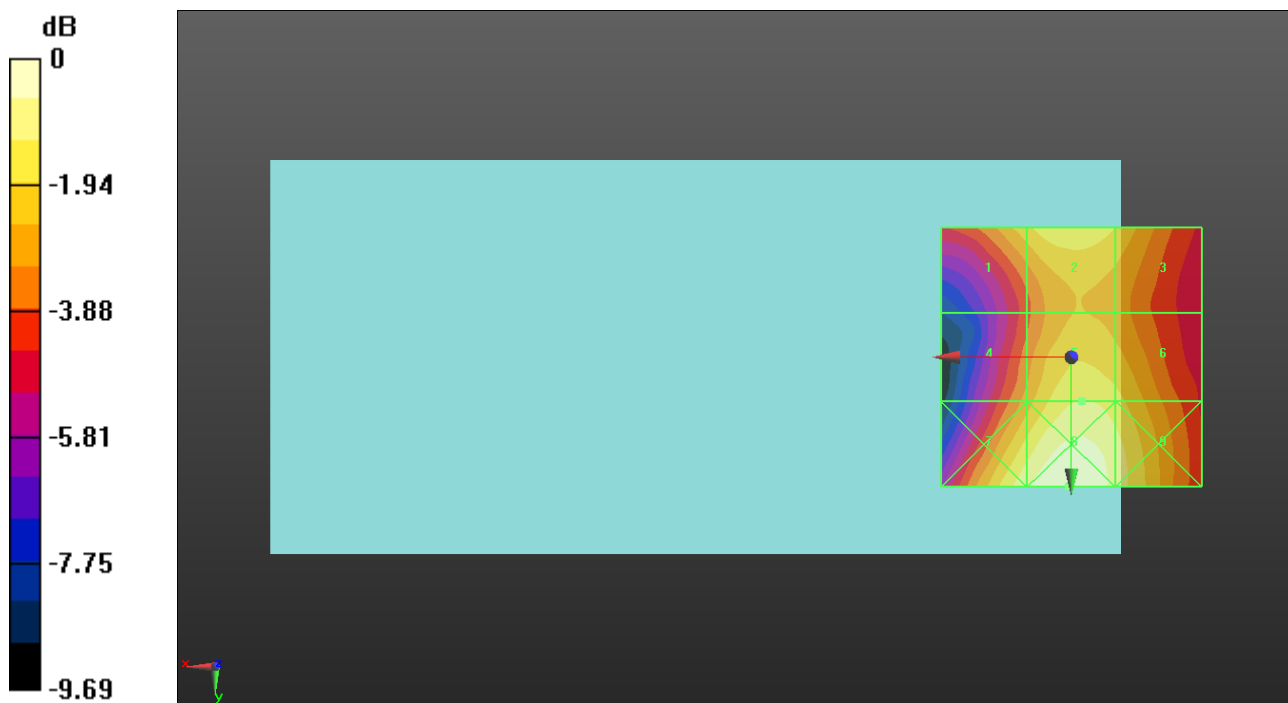
Applied MIF = 3.63 dB

RF audio interference level = 29.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.72 dBV/m	Grid 2 M4 29.41 dBV/m	Grid 3 M4 28.87 dBV/m
Grid 4 M4 27.94 dBV/m	Grid 5 M4 29.54 dBV/m	Grid 6 M4 29.12 dBV/m
Grid 7 M3 30.12 dBV/m	Grid 8 M3 30.81 dBV/m	Grid 9 M4 29.92 dBV/m



0 dB = 34.70 V/m = 30.81 dBV/m

LTE Band 41

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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 41.93 V/m; Power Drift = -0.11 dB

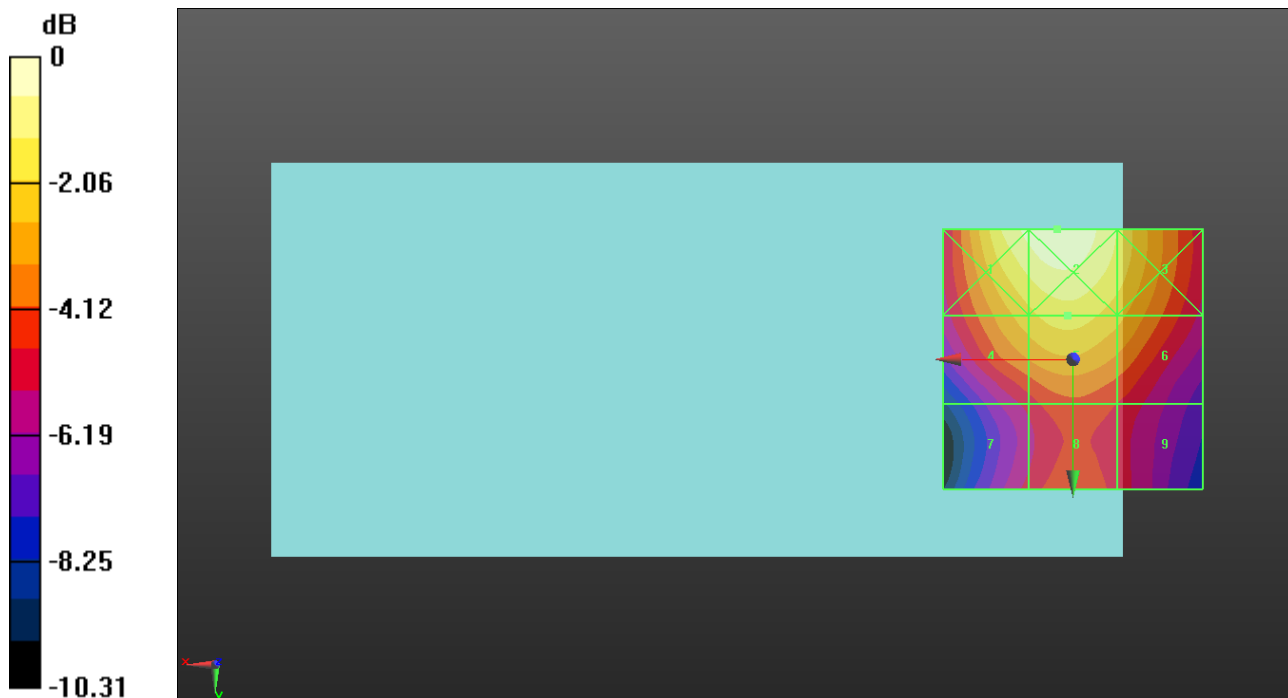
Applied MIF = -1.44 dB

RF audio interference level = 29.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.6 dBV/m	Grid 2 M3 31.03 dBV/m	Grid 3 M4 29.63 dBV/m
Grid 4 M4 28.75 dBV/m	Grid 5 M4 29.32 dBV/m	Grid 6 M4 28.53 dBV/m
Grid 7 M4 25.87 dBV/m	Grid 8 M4 26.74 dBV/m	Grid 9 M4 26.22 dBV/m



0 dB = 35.58 V/m = 31.02 dBV/m

LTE Band 41

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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 36.10 V/m; Power Drift = 0.04 dB

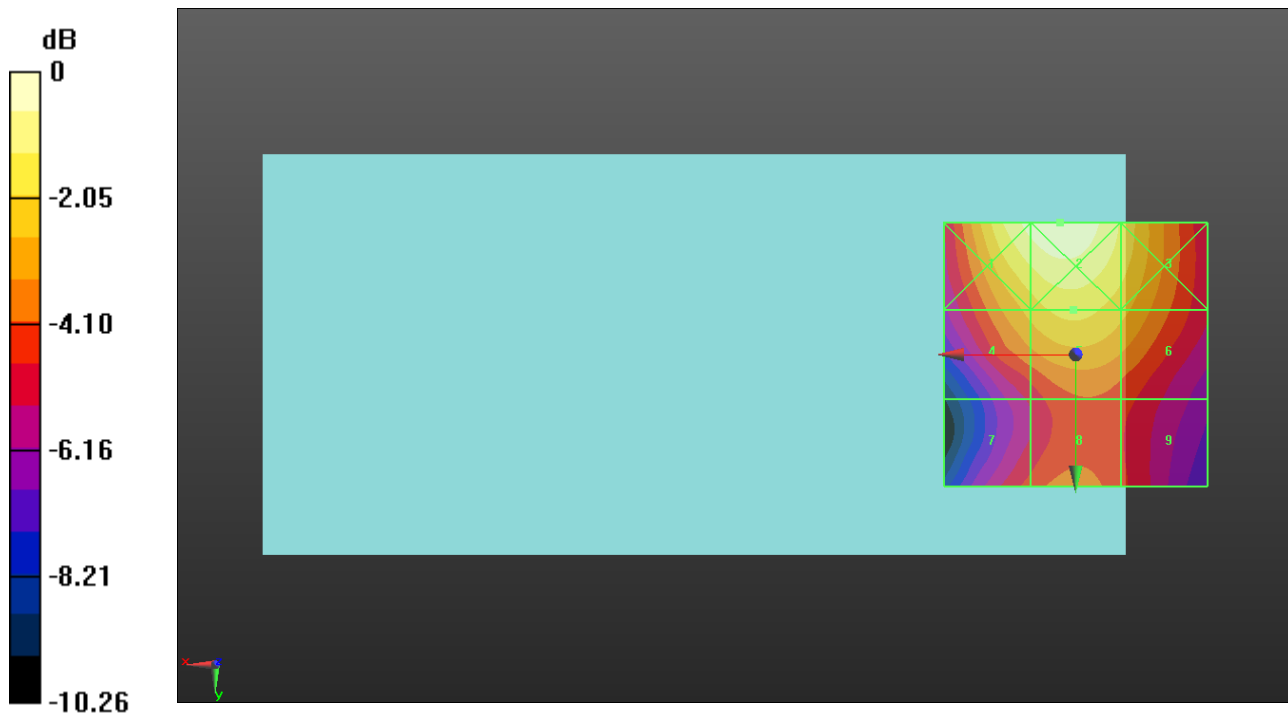
Applied MIF = -1.44 dB

RF audio interference level = 28.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.66 dBV/m	Grid 2 M3 30.03 dBV/m	Grid 3 M4 28.6 dBV/m
Grid 4 M4 27.58 dBV/m	Grid 5 M4 28.22 dBV/m	Grid 6 M4 27.55 dBV/m
Grid 7 M4 25.58 dBV/m	Grid 8 M4 26.22 dBV/m	Grid 9 M4 25.58 dBV/m



0 dB = 31.74 V/m = 30.03 dBV/m

LTE Band 41

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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 33.24 V/m; Power Drift = 0.01 dB

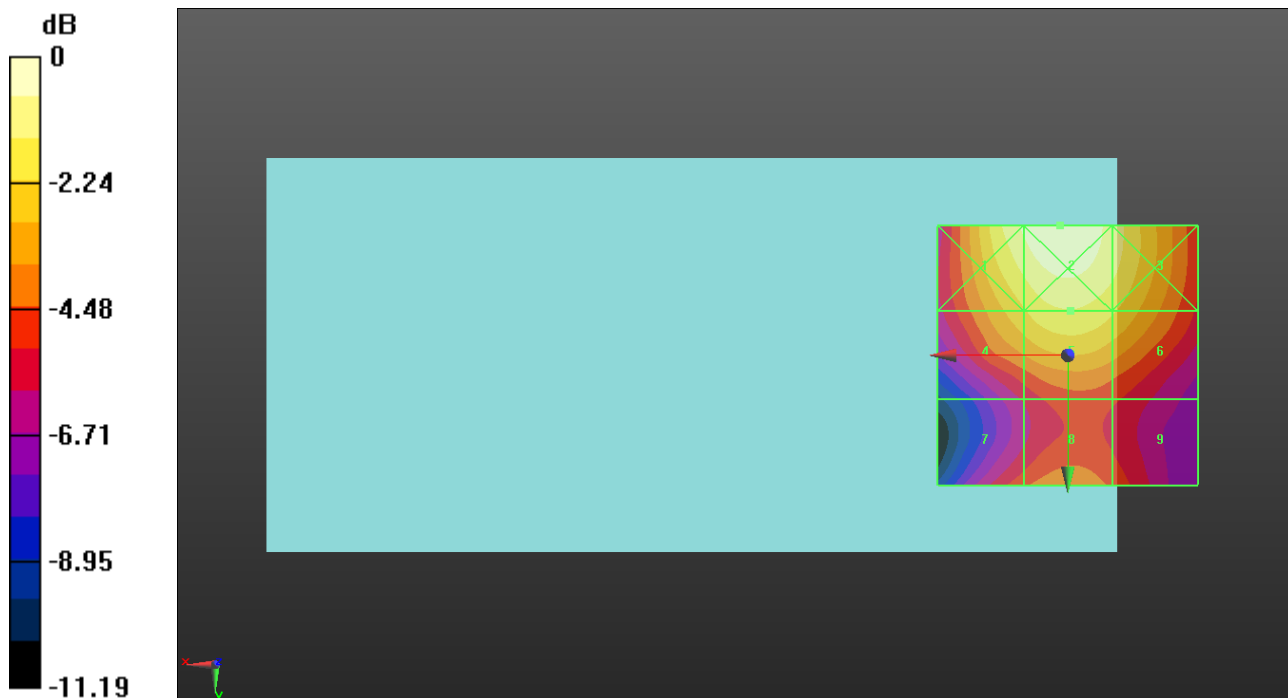
Applied MIF = -1.44 dB

RF audio interference level = 27.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.76 dBV/m	Grid 2 M4 29.36 dBV/m	Grid 3 M4 28.32 dBV/m
Grid 4 M4 27.04 dBV/m	Grid 5 M4 27.83 dBV/m	Grid 6 M4 27.25 dBV/m
Grid 7 M4 24.76 dBV/m	Grid 8 M4 25.44 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 29.39 V/m = 29.36 dBV/m

LTE Band 41

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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 30.48 V/m; Power Drift = 0.05 dB

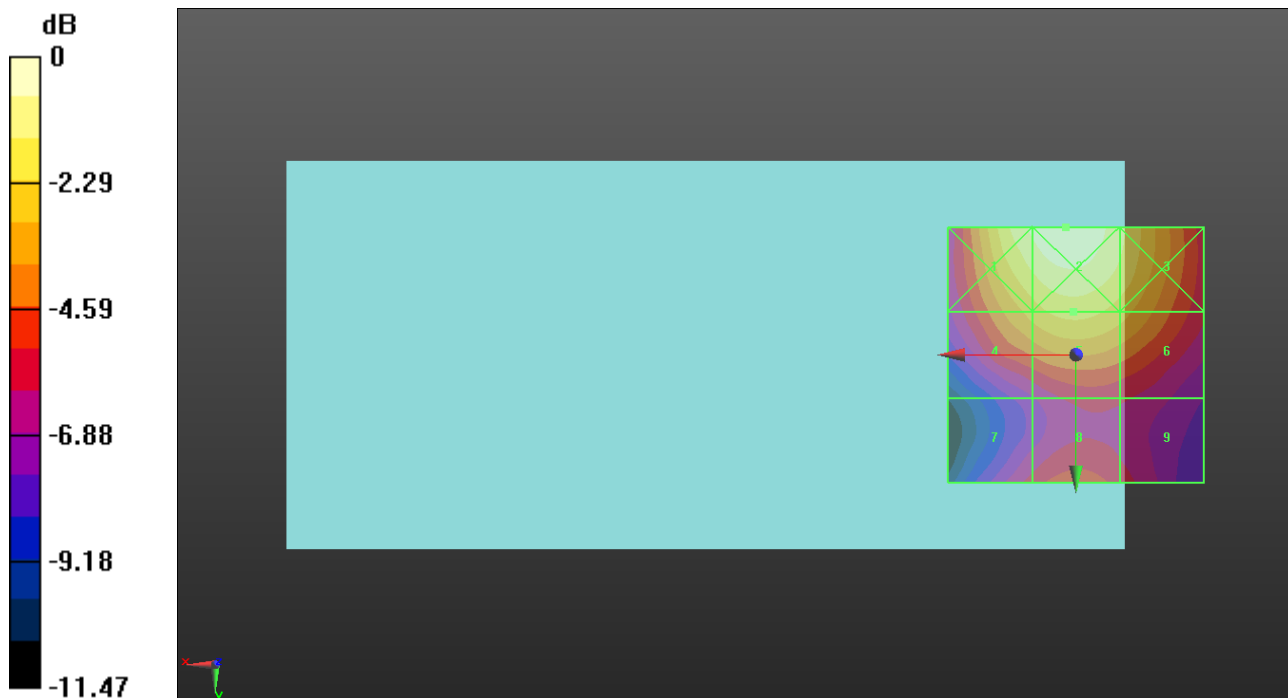
Applied MIF = -1.44 dB

RF audio interference level = 27.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.73 dBV/m	Grid 2 M4 29.3 dBV/m	Grid 3 M4 28.02 dBV/m
Grid 4 M4 26.6 dBV/m	Grid 5 M4 27.3 dBV/m	Grid 6 M4 26.63 dBV/m
Grid 7 M4 23.6 dBV/m	Grid 8 M4 24.38 dBV/m	Grid 9 M4 23.67 dBV/m



0 dB = 29.17 V/m = 29.30 dBV/m

LTE Band 41

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: 2019-03-21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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 = 33.54 V/m; Power Drift = 0.05 dB

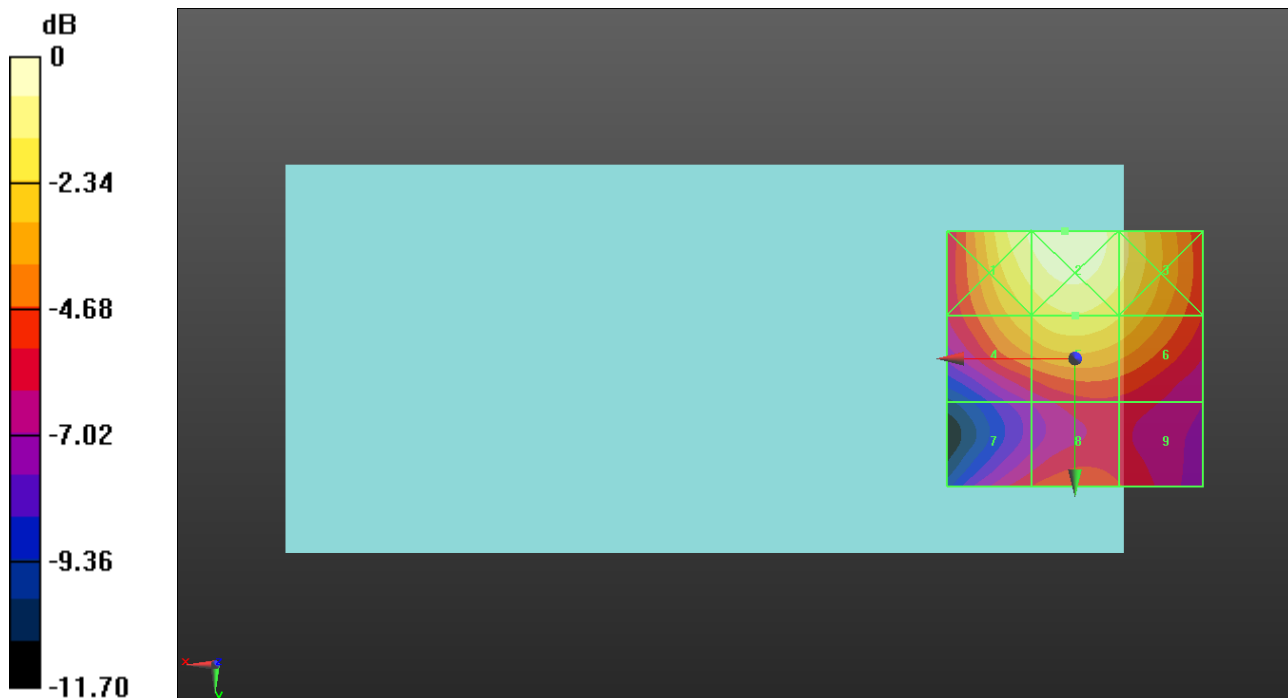
Applied MIF = -1.44 dB

RF audio interference level = 28.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.17 dBV/m	Grid 2 M4 29.74 dBV/m	Grid 3 M4 28.58 dBV/m
Grid 4 M4 27.43 dBV/m	Grid 5 M4 28.13 dBV/m	Grid 6 M4 27.49 dBV/m
Grid 7 M4 24.34 dBV/m	Grid 8 M4 25 dBV/m	Grid 9 M4 24.42 dBV/m



0 dB = 30.69 V/m = 29.74 dBV/m