

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: 2020-07-24
- 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)

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 = 51.57 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.04 dBV/m

Emission category: M4

MIF scaled E-field

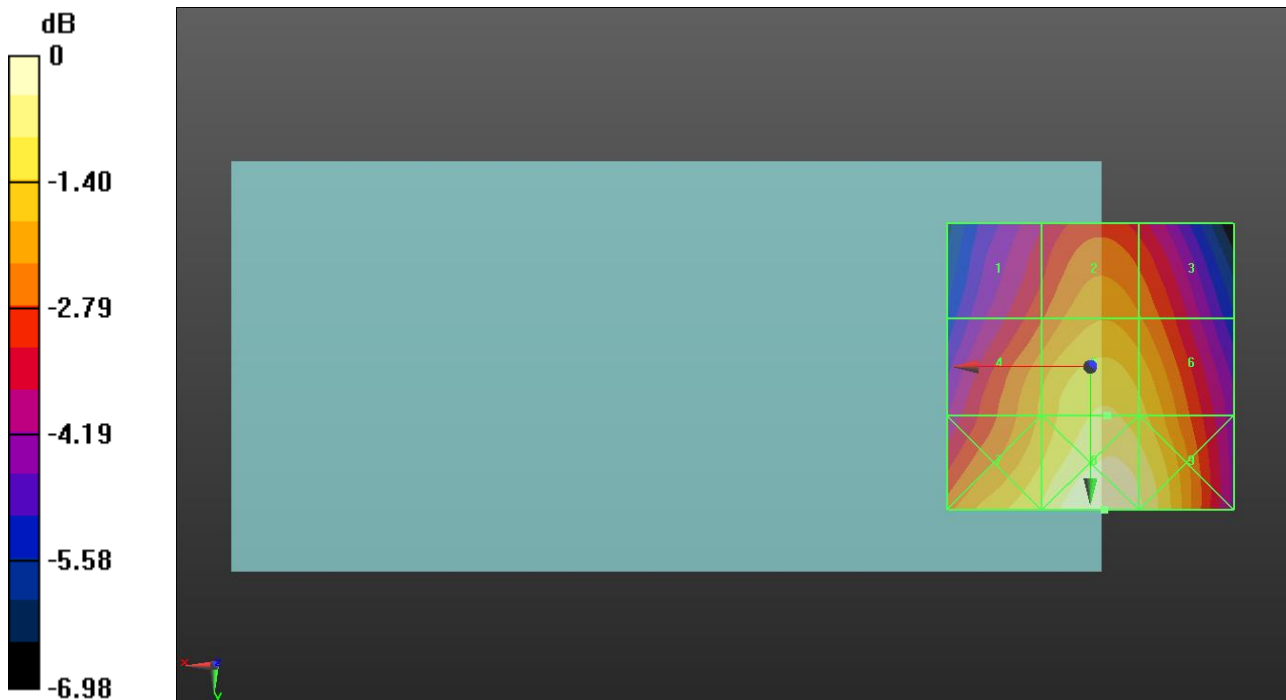
Grid 1 M4 34.07 dBV/m	Grid 2 M4 35.03 dBV/m	Grid 3 M4 34.65 dBV/m
Grid 4 M4 35.15 dBV/m	Grid 5 M4 36.04 dBV/m	Grid 6 M4 35.71 dBV/m
Grid 7 M4 36.07 dBV/m	Grid 8 M4 36.9 dBV/m	Grid 9 M4 36.53 dBV/m

Cursor:

Total = 36.90 dBV/m

E Category: M4

Location: -2.5, 25, 7.7 mm



0 dB = 70.02 V/m = 36.90 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: 2020-07-24
- 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)

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 = 51.58 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.03 dBV/m

Emission category: M4

MIF scaled E-field

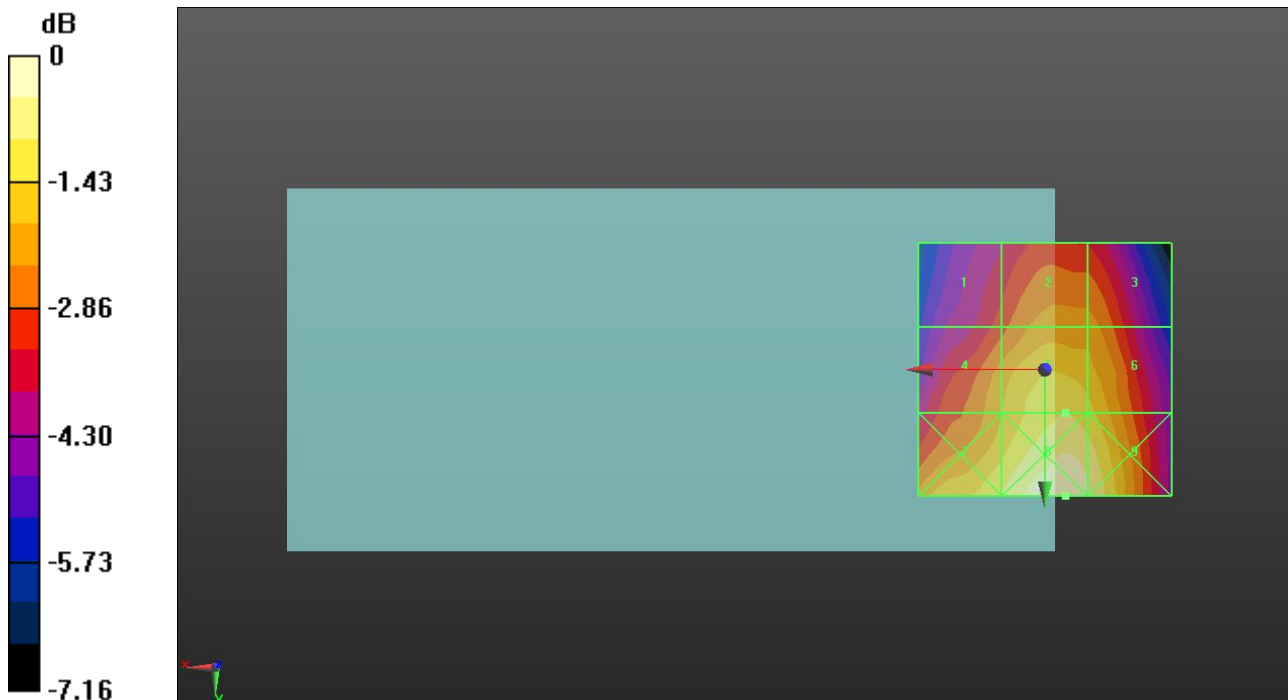
Grid 1 M4 33.94 dBV/m	Grid 2 M4 34.85 dBV/m	Grid 3 M4 34.8 dBV/m
Grid 4 M4 35.06 dBV/m	Grid 5 M4 36.03 dBV/m	Grid 6 M4 35.74 dBV/m
Grid 7 M4 36.1 dBV/m	Grid 8 M4 36.98 dBV/m	Grid 9 M4 36.63 dBV/m

Cursor:

Total = 36.98 dBV/m

E Category: M4

Location: -4, 25, 7.7 mm



0 dB = 70.59 V/m = 36.97 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: 2020-07-24
- 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)

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 = 53.81 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.17 dBV/m

Emission category: M4

MIF scaled E-field

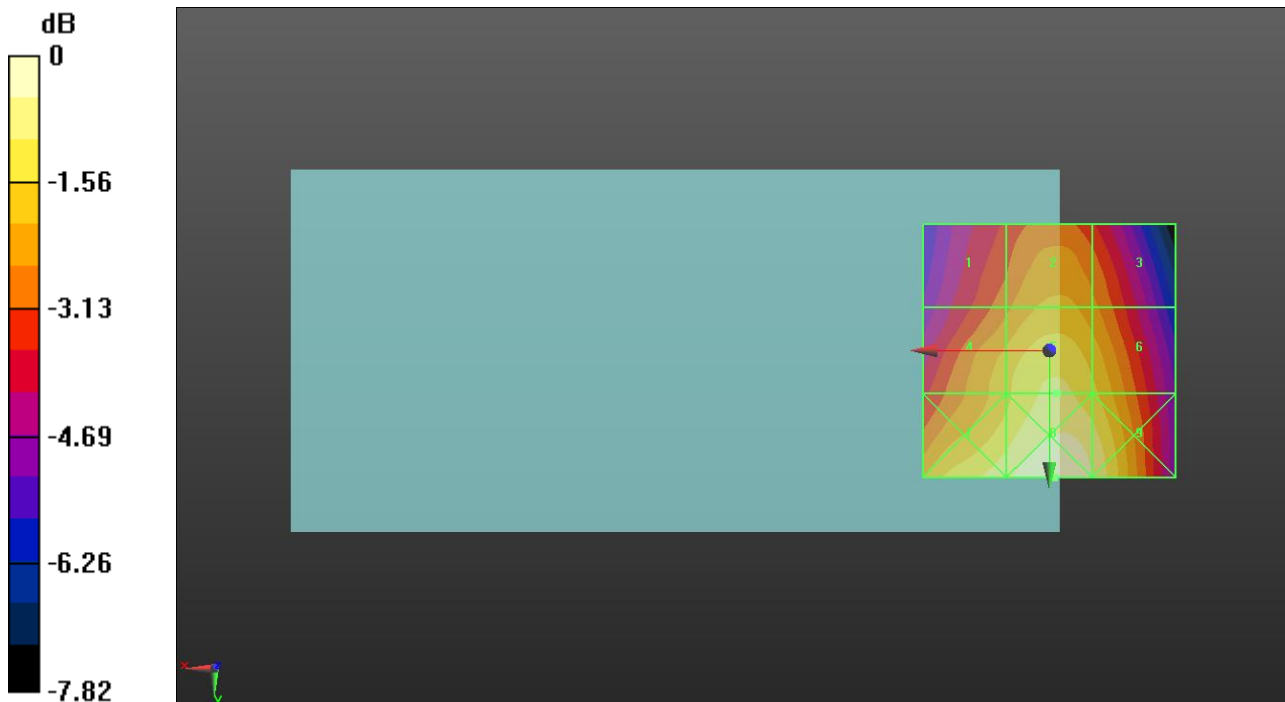
Grid 1 M4 34.38 dBV/m	Grid 2 M4 35.18 dBV/m	Grid 3 M4 34.69 dBV/m
Grid 4 M4 35.42 dBV/m	Grid 5 M4 36.17 dBV/m	Grid 6 M4 35.71 dBV/m
Grid 7 M4 36.48 dBV/m	Grid 8 M4 37.1 dBV/m	Grid 9 M4 36.59 dBV/m

Cursor:

Total = 37.10 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 71.64 V/m = 37.10 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: 2020-07-24
- 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)

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 = 8.814 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.13 dBV/m

Emission category: M4

MIF scaled E-field

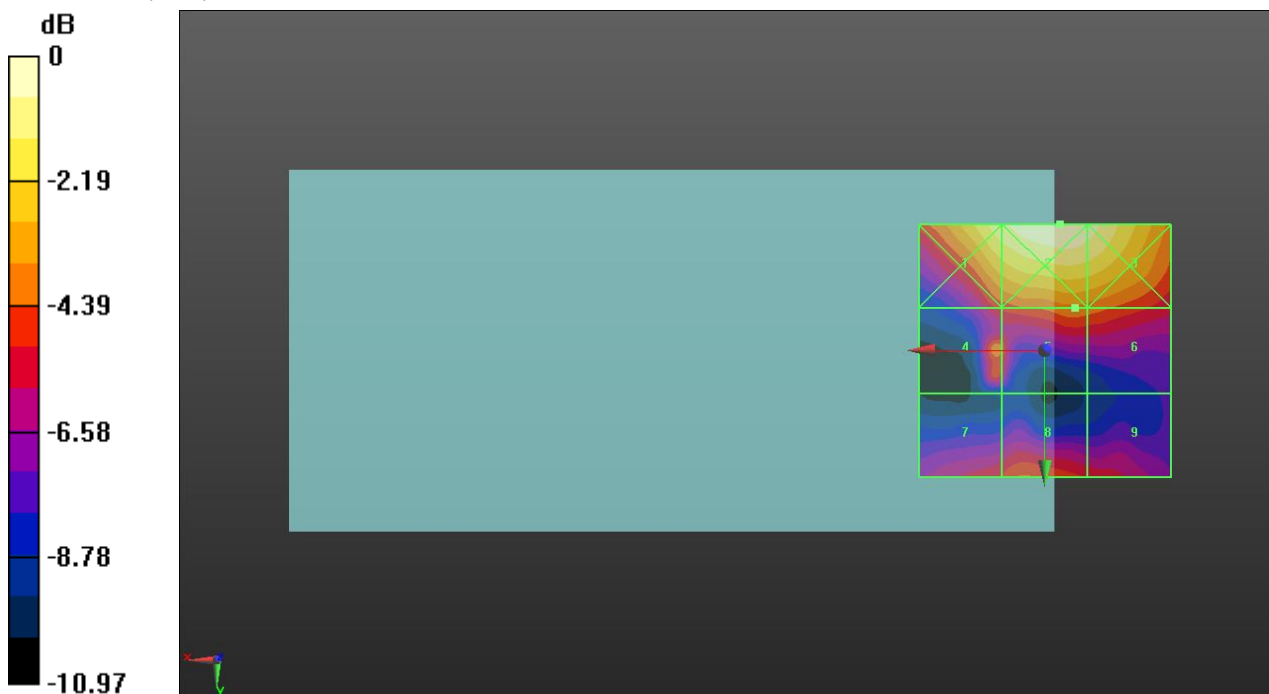
Grid 1 M4 27.08 dBV/m	Grid 2 M4 27.94 dBV/m	Grid 3 M4 27.56 dBV/m
Grid 4 M4 24.11 dBV/m	Grid 5 M4 24.13 dBV/m	Grid 6 M4 24 dBV/m
Grid 7 M4 22.97 dBV/m	Grid 8 M4 23.66 dBV/m	Grid 9 M4 22.78 dBV/m

Cursor:

Total = 27.94 dBV/m

E Category: M4

Location: -3, -25, 7.7 mm



0 dB = 24.95 V/m = 27.94 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: 2020-07-24
- 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)

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 = 9.183 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.67 dBV/m

Emission category: M4

MIF scaled E-field

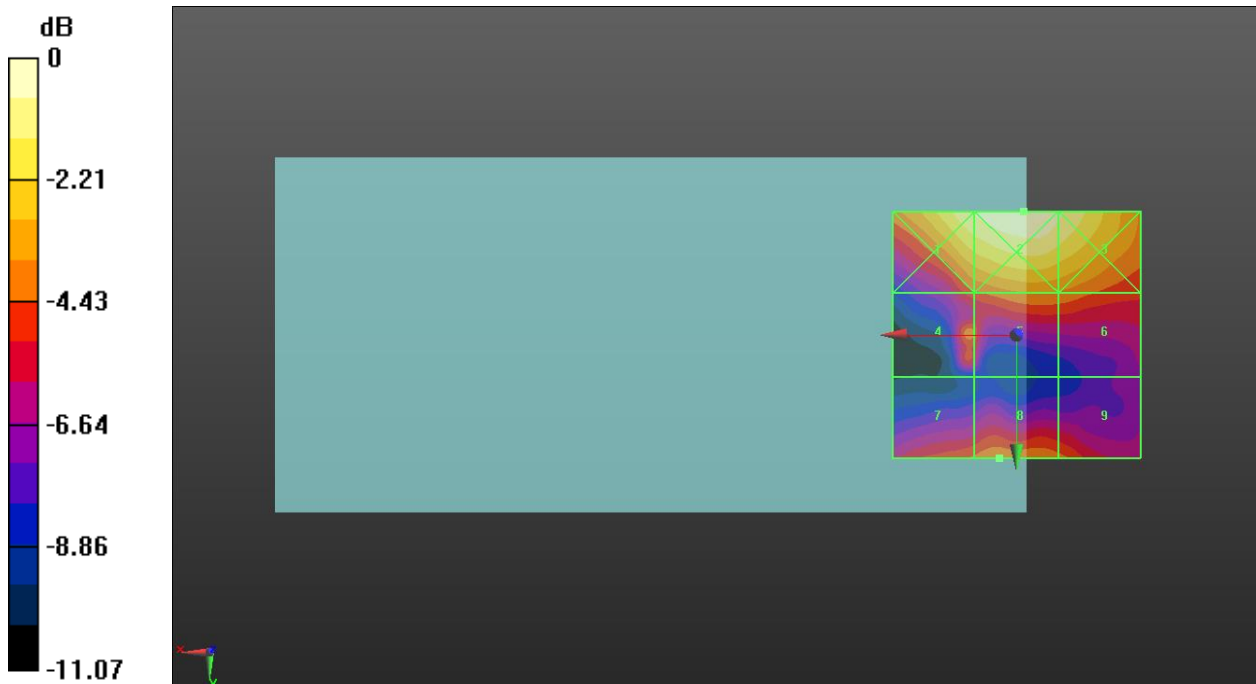
Grid 1 M4 27.64 dBV/m	Grid 2 M4 28.26 dBV/m	Grid 3 M4 27.7 dBV/m
Grid 4 M4 24.27 dBV/m	Grid 5 M4 24.65 dBV/m	Grid 6 M4 24.5 dBV/m
Grid 7 M4 24.09 dBV/m	Grid 8 M4 24.67 dBV/m	Grid 9 M4 24.19 dBV/m

Cursor:

Total = 28.26 dBV/m

E Category: M4

Location: -1.5, -25, 7.7 mm



0 dB = 25.89 V/m = 28.26 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: 2020-07-24
- 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)

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 = 8.967 V/m; Power Drift = 0.41 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.31 dBV/m

Emission category: M4

MIF scaled E-field

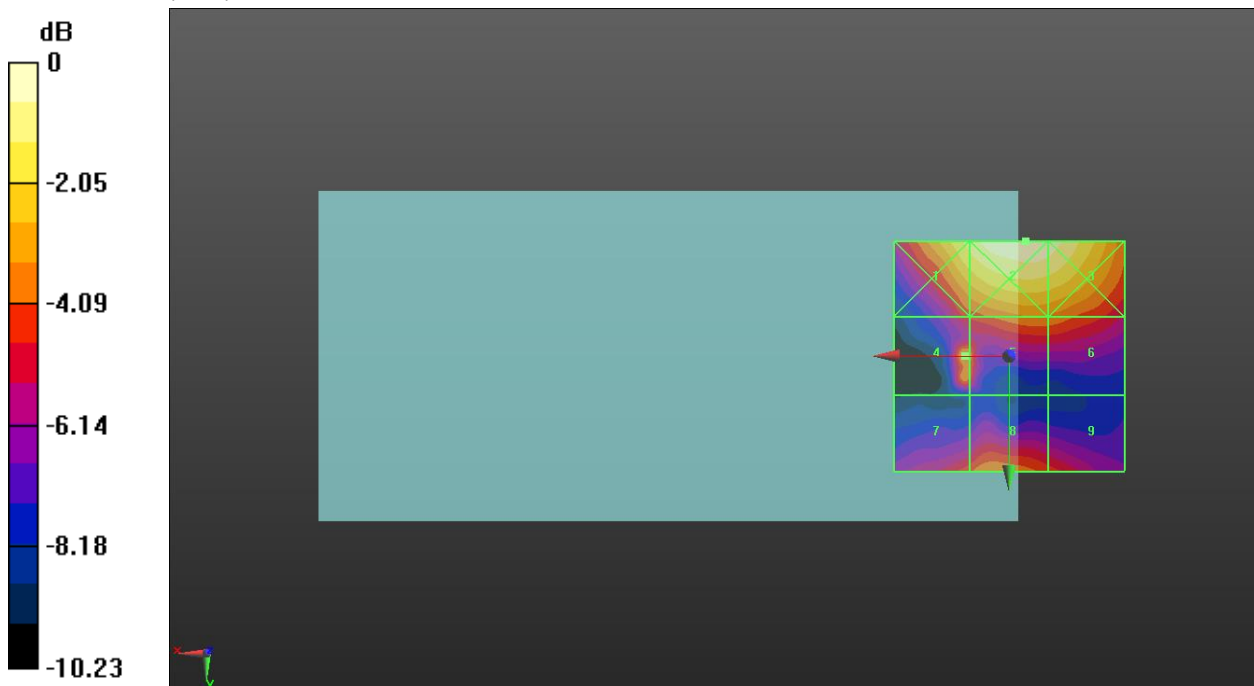
Grid 1 M4 26.45 dBV/m	Grid 2 M4 27.46 dBV/m	Grid 3 M4 27.16 dBV/m
Grid 4 M4 24.31 dBV/m	Grid 5 M4 24.01 dBV/m	Grid 6 M4 23.91 dBV/m
Grid 7 M4 23.27 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 23.13 dBV/m

Cursor:

Total = 27.46 dBV/m

E Category: M4

Location: -3.5, -25, 7.7 mm



0 dB = 23.60 V/m = 27.46 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement 2/ Voice_ch 39750 16QAM 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 = 12.13 V/m; Power Drift = -0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.33 dBV/m

Emission category: M4

MIF scaled E-field

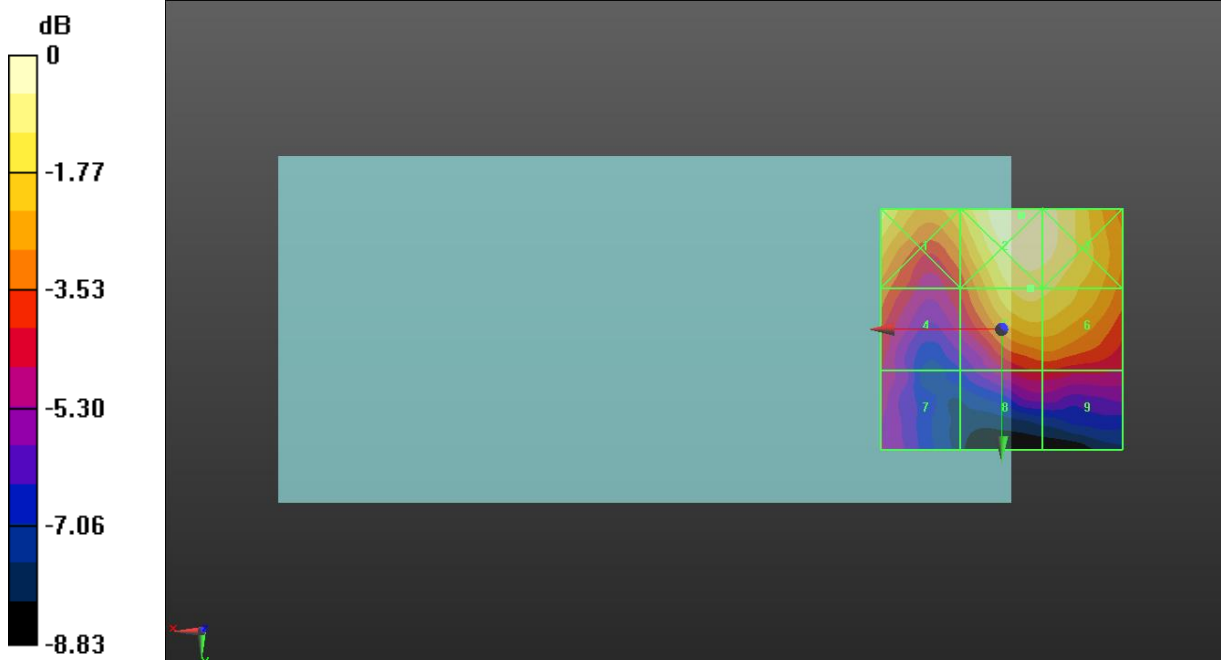
Grid 1 M4 19.57 dBV/m	Grid 2 M4 20.25 dBV/m	Grid 3 M4 20.03 dBV/m
Grid 4 M4 17.15 dBV/m	Grid 5 M4 19.33 dBV/m	Grid 6 M4 19.23 dBV/m
Grid 7 M4 15.52 dBV/m	Grid 8 M4 16.15 dBV/m	Grid 9 M4 16.13 dBV/m

Cursor:

Total = 20.25 dBV/m

E Category: M4

Location: -4, -23.5, 7.7 mm



0 dB = 10.29 V/m = 20.25 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement 2/Voice_ch 40185 16QAM 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 = 13.23 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.06 dBV/m

Emission category: M4

MIF scaled E-field

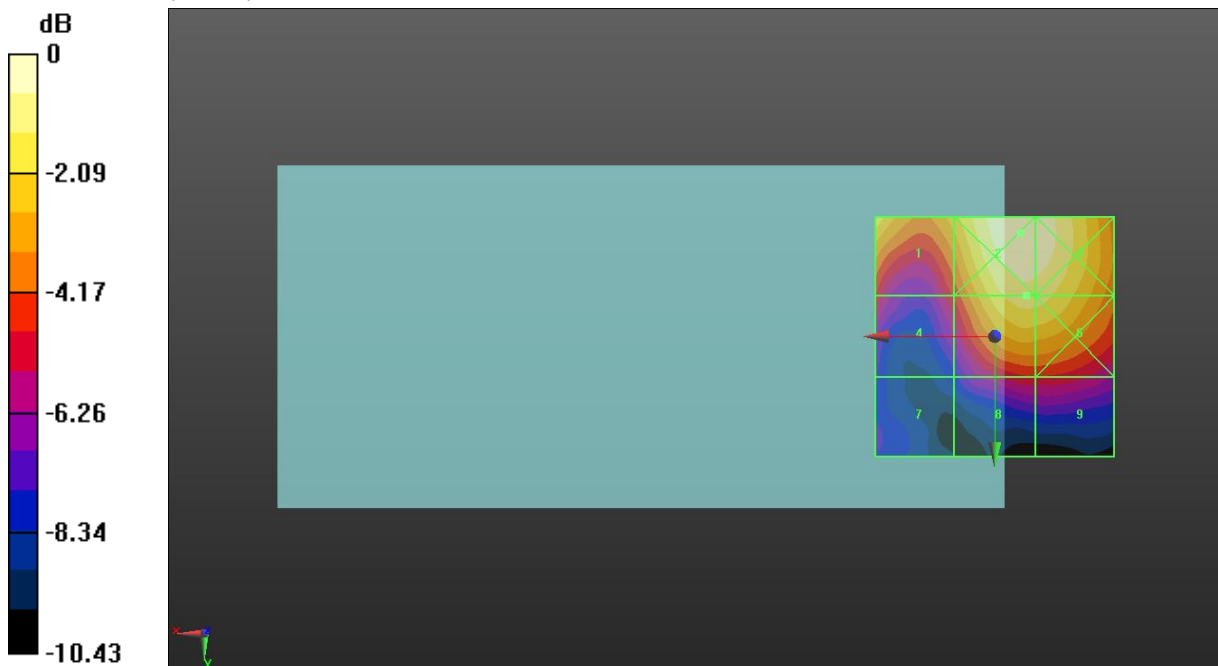
Grid 1 M4 20.69 dBV/m	Grid 2 M4 22.08 dBV/m	Grid 3 M4 21.92 dBV/m
Grid 4 M4 17.37 dBV/m	Grid 5 M4 21.06 dBV/m	Grid 6 M4 20.97 dBV/m
Grid 7 M4 14.68 dBV/m	Grid 8 M4 17.14 dBV/m	Grid 9 M4 17.14 dBV/m

Cursor:

Total = 22.08 dBV/m

E Category: M4

Location: -5.5, -21.5, 7.7 mm



0 dB = 12.71 V/m = 22.08 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement 2/Voice_ch 40620 16QAM 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 = 14.39 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.90 dBV/m

Emission category: M4

MIF scaled E-field

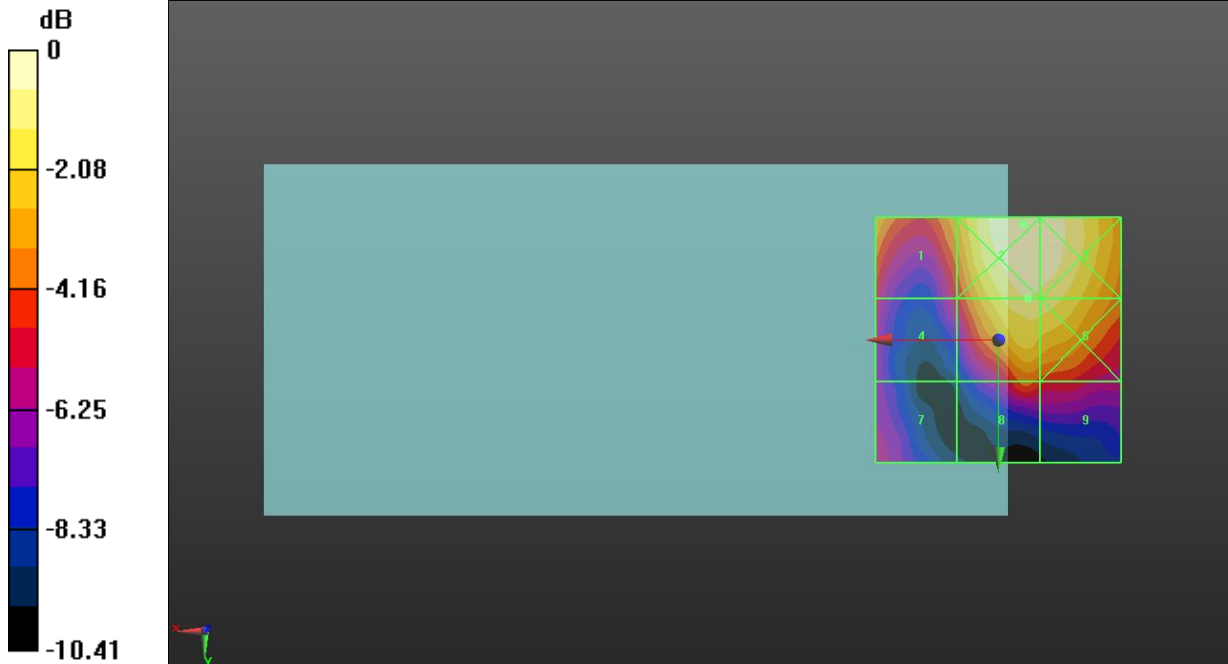
Grid 1 M4 20.16 dBV/m	Grid 2 M4 22.67 dBV/m	Grid 3 M4 22.51 dBV/m
Grid 4 M4 17.57 dBV/m	Grid 5 M4 21.9 dBV/m	Grid 6 M4 21.74 dBV/m
Grid 7 M4 16.94 dBV/m	Grid 8 M4 18.81 dBV/m	Grid 9 M4 18.13 dBV/m

Cursor:

Total = 22.67 dBV/m

E Category: M4

Location: -5, -23.5, 7.7 mm



0 dB = 13.60 V/m = 22.67 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement 2/Voice_ch 41055 16QAM 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 = 12.78 V/m; Power Drift = 0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.79 dBV/m

Emission category: M4

MIF scaled E-field

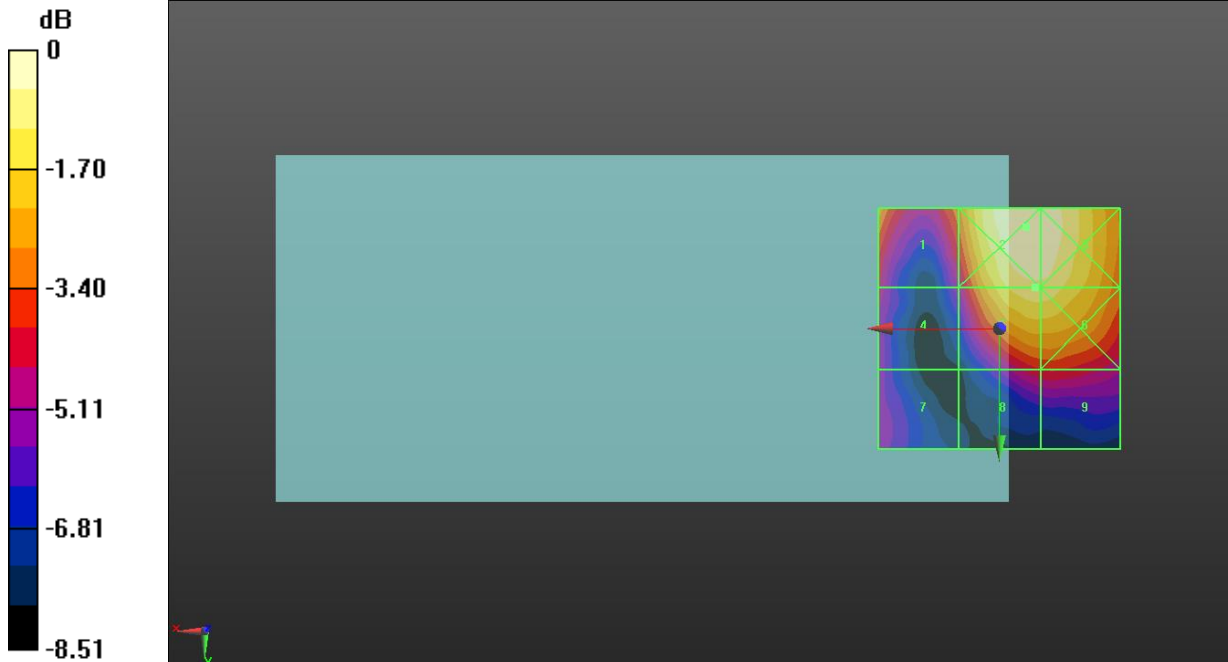
Grid 1 M4 19.14 dBV/m	Grid 2 M4 21.52 dBV/m	Grid 3 M4 21.39 dBV/m
Grid 4 M4 17.06 dBV/m	Grid 5 M4 20.79 dBV/m	Grid 6 M4 20.78 dBV/m
Grid 7 M4 16.28 dBV/m	Grid 8 M4 17.53 dBV/m	Grid 9 M4 17.64 dBV/m

Cursor:

Total = 21.52 dBV/m

E Category: M4

Location: -5.5, -21, 7.7 mm



0 dB = 11.91 V/m = 21.52 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement 2/Voice_ch 41490 16QAM 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 = 12.08 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.97 dBV/m

Emission category: M4

MIF scaled E-field

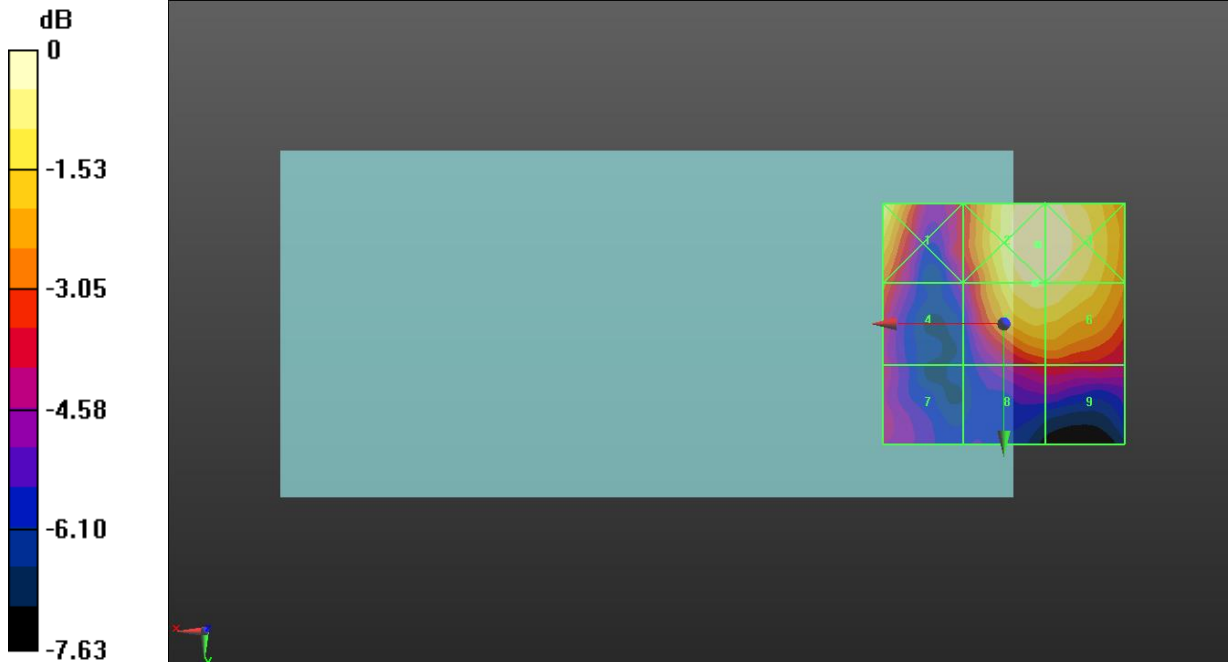
Grid 1 M4 20.04 dBV/m	Grid 2 M4 20.36 dBV/m	Grid 3 M4 20.32 dBV/m
Grid 4 M4 17.57 dBV/m	Grid 5 M4 19.97 dBV/m	Grid 6 M4 19.89 dBV/m
Grid 7 M4 16.41 dBV/m	Grid 8 M4 16.89 dBV/m	Grid 9 M4 16.94 dBV/m

Cursor:

Total = 20.36 dBV/m

E Category: M4

Location: -7, -16.5, 7.7 mm



0 dB = 10.42 V/m = 20.36 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement HPUE 2/Voice_ch 39750 16QAM 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 = 10.97 V/m; Power Drift = -0.01 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.73 dBV/m

Emission category: M4

MIF scaled E-field

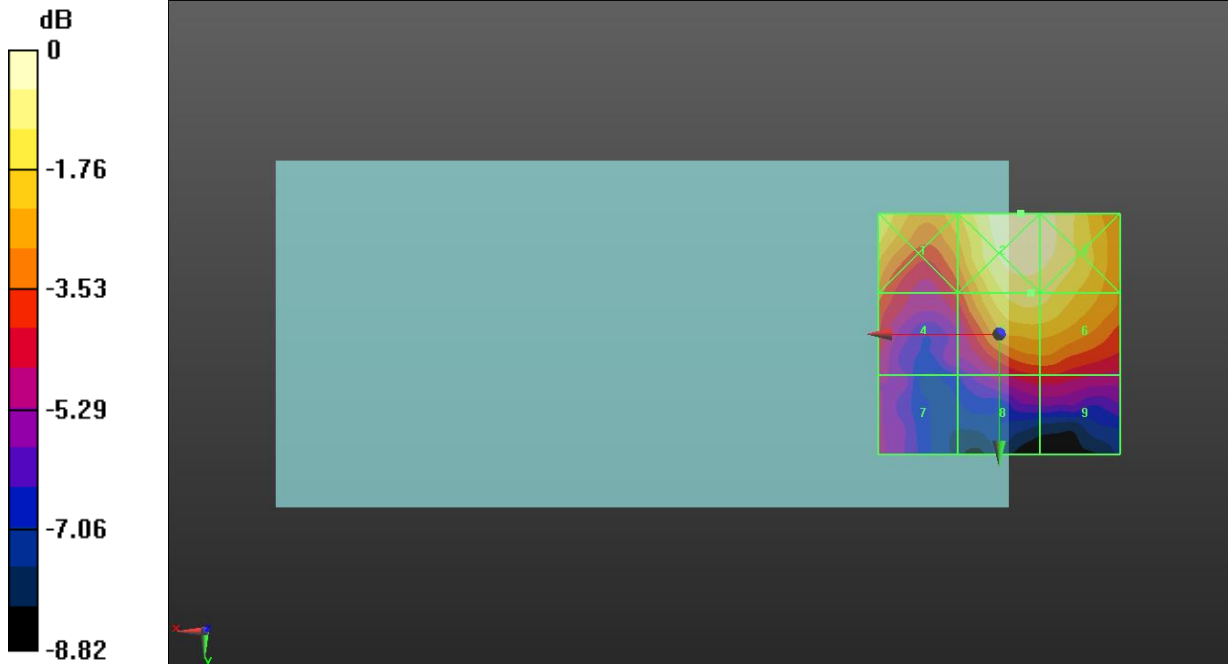
Grid 1 M4 18.78 dBV/m	Grid 2 M4 19.64 dBV/m	Grid 3 M4 19.42 dBV/m
Grid 4 M4 16.45 dBV/m	Grid 5 M4 18.73 dBV/m	Grid 6 M4 18.66 dBV/m
Grid 7 M4 14.52 dBV/m	Grid 8 M4 15.52 dBV/m	Grid 9 M4 15.52 dBV/m

Cursor:

Total = 19.64 dBV/m

E Category: M4

Location: -4.5, -25, 7.7 mm



0 dB = 9.596 V/m = 19.64 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement HPUE 2/Voice_ch 40185 16QAM 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 = 0.16 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.65 dBV/m

Emission category: M4

MIF scaled E-field

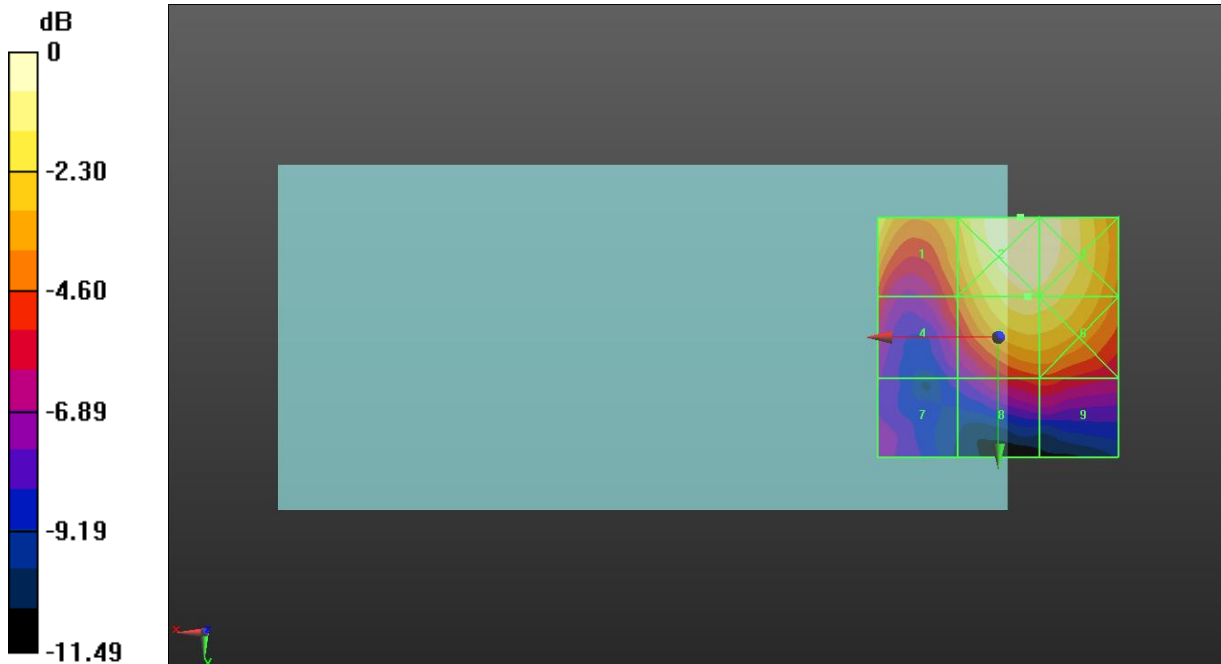
Grid 1 M4 20.33 dBV/m	Grid 2 M4 21.58 dBV/m	Grid 3 M4 21.36 dBV/m
Grid 4 M4 17.24 dBV/m	Grid 5 M4 20.65 dBV/m	Grid 6 M4 20.55 dBV/m
Grid 7 M4 14.52 dBV/m	Grid 8 M4 16.77 dBV/m	Grid 9 M4 16.78 dBV/m

Cursor:

Total = 21.58 dBV/m

E Category: M4

Location: -4.5, -25, 7.7 mm



0 dB = 11.99 V/m = 21.58 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement HPUE 2/Voice_ch 40620 16QAM 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 = 14.02 V/m; Power Drift = -0.06 dB

Applied MIF = -1.44 dB

RF audio interference level = 21.18 dBV/m

Emission category: M4

MIF scaled E-field

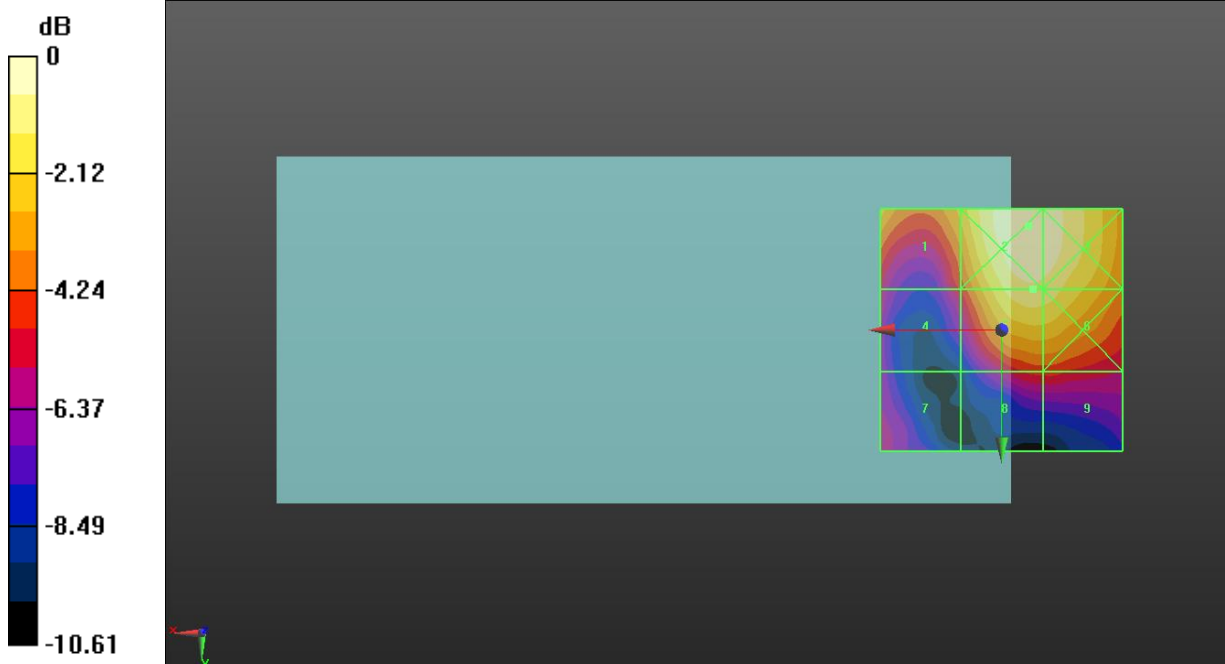
Grid 1 M4 19.62 dBV/m	Grid 2 M4 22.03 dBV/m	Grid 3 M4 21.86 dBV/m
Grid 4 M4 17.22 dBV/m	Grid 5 M4 21.18 dBV/m	Grid 6 M4 21.08 dBV/m
Grid 7 M4 16.27 dBV/m	Grid 8 M4 17.42 dBV/m	Grid 9 M4 17.43 dBV/m

Cursor:

Total = 22.03 dBV/m

E Category: M4

Location: -5.5, -21.5, 7.7 mm



0 dB = 12.63 V/m = 22.03 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement HPUE 2/Voice_ch 41055 16QAM 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 = 12.45 V/m; Power Drift = -0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 20.25 dBV/m

Emission category: M4

MIF scaled E-field

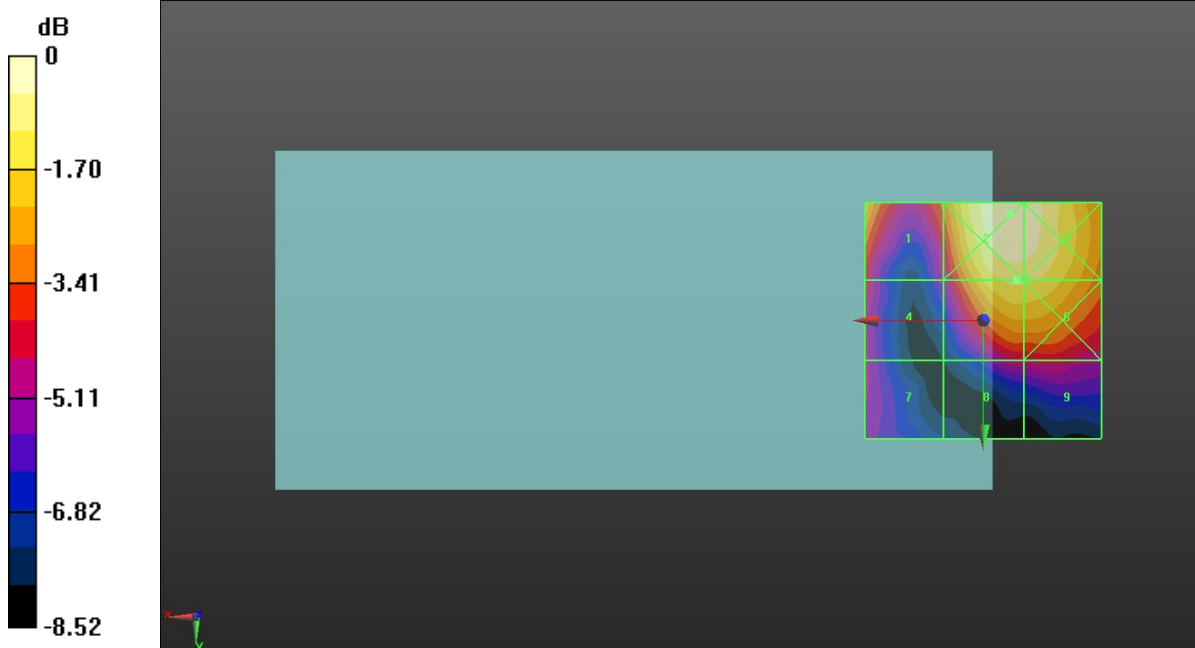
Grid 1 M4 19.49 dBV/m	Grid 2 M4 21.24 dBV/m	Grid 3 M4 21.09 dBV/m
Grid 4 M4 17.04 dBV/m	Grid 5 M4 20.25 dBV/m	Grid 6 M4 20.22 dBV/m
Grid 7 M4 16.46 dBV/m	Grid 8 M4 16.66 dBV/m	Grid 9 M4 16.91 dBV/m

Cursor:

Total = 21.24 dBV/m

E Category: M4

Location: -5.5, -22.5, 7.7 mm



0 dB = 11.54 V/m = 21.24 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: 2020-07-24
- 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)

LTE Band 41 E-Field measurement HPUE 2/Voice_ch 41490 16QAM 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 = 10.13 V/m; Power Drift = -0.00 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.30 dBV/m

Emission category: M4

MIF scaled E-field

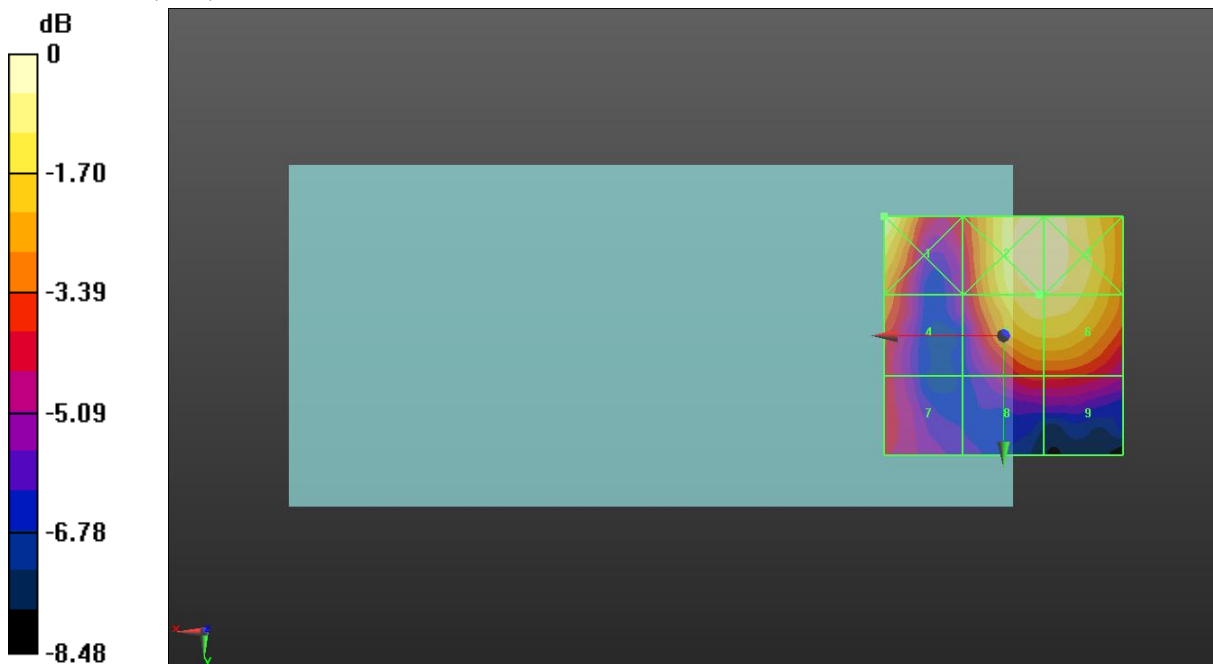
Grid 1 M4 19.88 dBV/m	Grid 2 M4 19.84 dBV/m	Grid 3 M4 19.78 dBV/m
Grid 4 M4 17.12 dBV/m	Grid 5 M4 19.3 dBV/m	Grid 6 M4 19.29 dBV/m
Grid 7 M4 15.81 dBV/m	Grid 8 M4 16.19 dBV/m	Grid 9 M4 16.17 dBV/m

Cursor:

Total = 19.88 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



0 dB = 9.864 V/m = 19.88 dBV/m

WiFi 2.4GHz 11g

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020-07-24
- 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 E-Field Measurement/MIMO 802.11g OFDM 54Mbps ch1/Hearing Aid

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.91 V/m; Power Drift = 0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 22.50 dBV/m

Emission category: M4

MIF scaled E-field

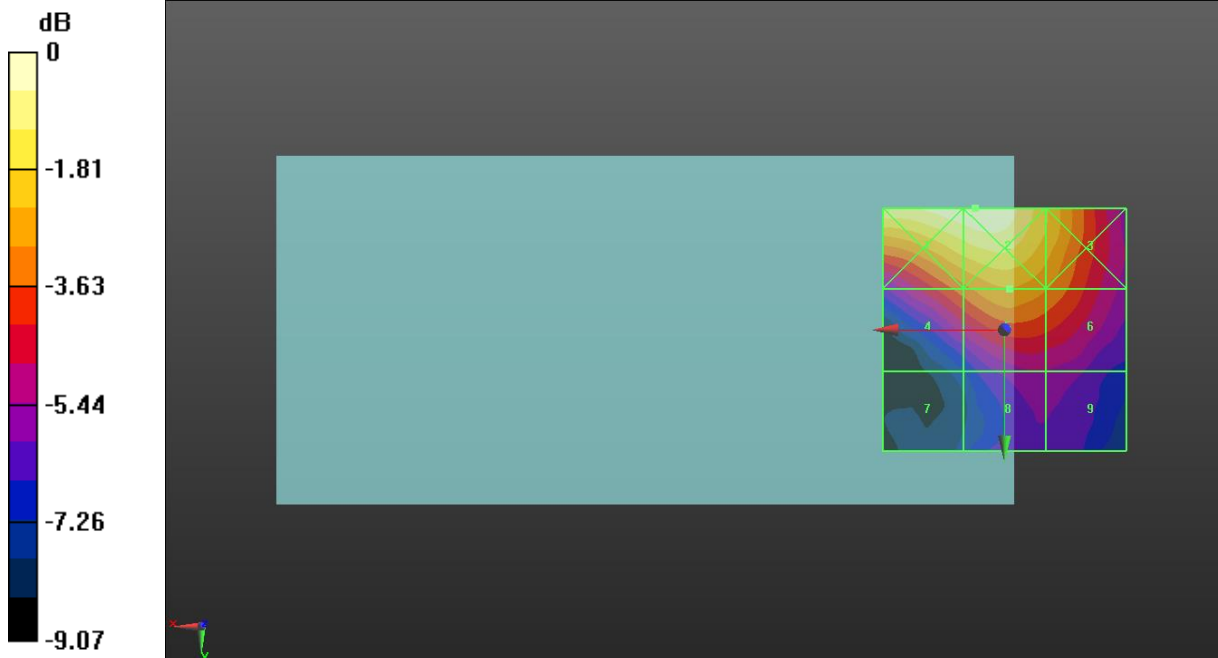
Grid 1 M4 24.88 dBV/m	Grid 2 M4 24.94 dBV/m	Grid 3 M4 23.21 dBV/m
Grid 4 M4 21.69 dBV/m	Grid 5 M4 22.5 dBV/m	Grid 6 M4 21.99 dBV/m
Grid 7 M4 17.65 dBV/m	Grid 8 M4 19.51 dBV/m	Grid 9 M4 19.48 dBV/m

Cursor:

Total = 24.94 dBV/m

E Category: M4

Location: 6, -25, 7.7 mm



0 dB = 17.66 V/m = 24.94 dBV/m

WiFi 2.4GHz 11g

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 - SN4066; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020-07-24
- 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 E-Field Measurement/MIMO 802.11g OFDM 54Mbps ch6/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 = 20.33 V/m; Power Drift = 0.08 dB

Applied MIF = 0.12 dB

RF audio interference level = 24.75 dBV/m

Emission category: M4

MIF scaled E-field

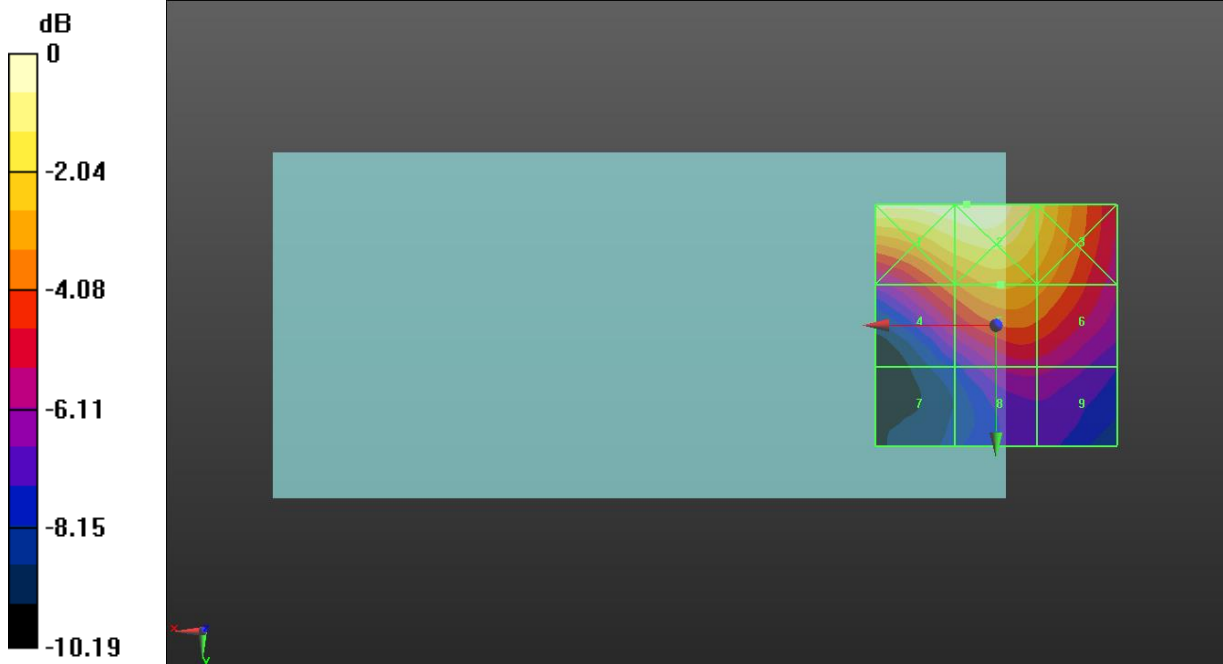
Grid 1 M4 27.23 dBV/m	Grid 2 M4 27.3 dBV/m	Grid 3 M4 25.63 dBV/m
Grid 4 M4 23.86 dBV/m	Grid 5 M4 24.75 dBV/m	Grid 6 M4 24.24 dBV/m
Grid 7 M4 19.52 dBV/m	Grid 8 M4 21.57 dBV/m	Grid 9 M4 21.52 dBV/m

Cursor:

Total = 27.30 dBV/m

E Category: M4

Location: 6, -25, 7.7 mm



0 dB = 23.17 V/m = 27.30 dBV/m

WiFi 2.4GHz 11g

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: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020-07-24
- 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 E-Field Measurement/MIMO 802.11g OFDM 54Mbps ch11/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 = 14.84 V/m; Power Drift = -0.00 dB

Applied MIF = 0.12 dB

RF audio interference level = 21.93 dBV/m

Emission category: M4

MIF scaled E-field

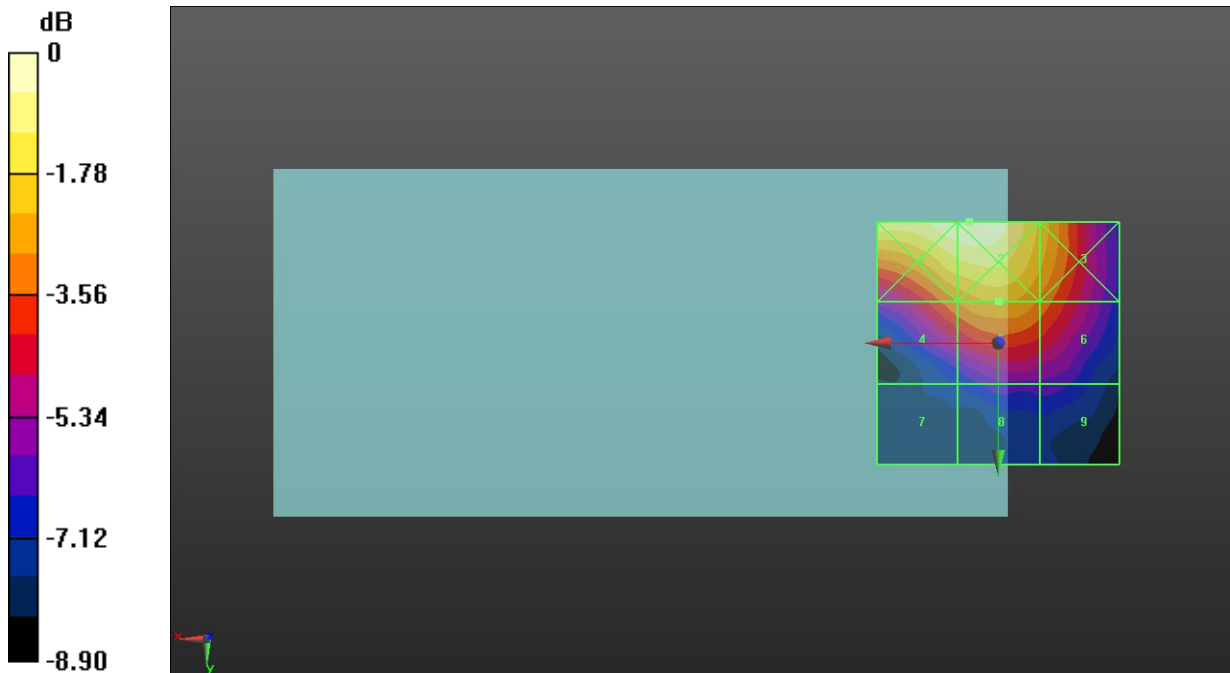
Grid 1 M4 24.18 dBV/m	Grid 2 M4 24.24 dBV/m	Grid 3 M4 22.41 dBV/m
Grid 4 M4 21.27 dBV/m	Grid 5 M4 21.93 dBV/m	Grid 6 M4 21.16 dBV/m
Grid 7 M4 17.13 dBV/m	Grid 8 M4 18.2 dBV/m	Grid 9 M4 18.17 dBV/m

Cursor:

Total = 24.24 dBV/m

E Category: M4

Location: 6, -25, 7.7 mm



0 dB = 16.29 V/m = 24.24 dBV/m