

GSM 850 ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 29.14 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.04 dBV/m

Emission category: M4

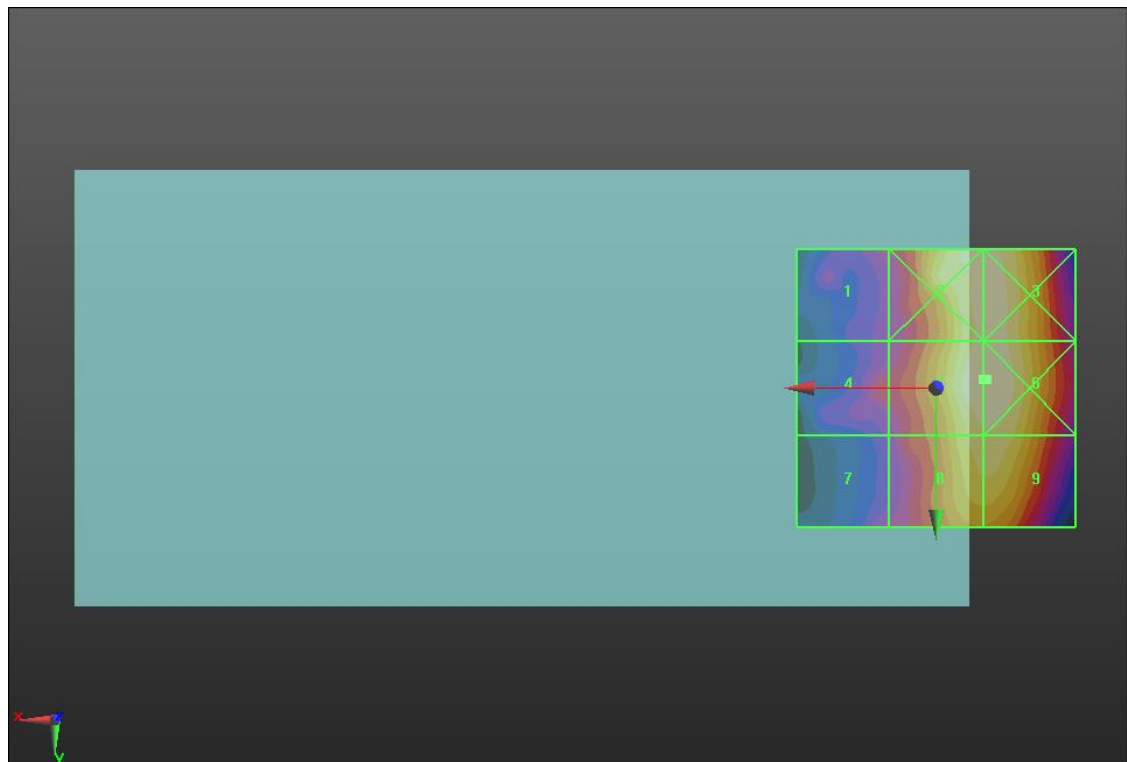
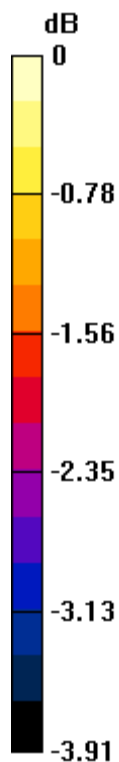
MIF scaled E-field

Grid 1 M4 28.98 dBV/m	Grid 2 M4 30.94 dBV/m	Grid 3 M4 30.94 dBV/m
Grid 4 M4 29.24 dBV/m	Grid 5 M4 31.04 dBV/m	Grid 6 M4 31.04 dBV/m
Grid 7 M4 28.84 dBV/m	Grid 8 M4 30.73 dBV/m	Grid 9 M4 30.74 dBV/m

Total = 31.04 dBV/m

E Category: M4

Location: -9, -1.5, 7.7 mm



0 dB = 35.66 V/m = 31.04 dBV/m

GSM 850 ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 22.71 V/m; Power Drift = 0.00 dB

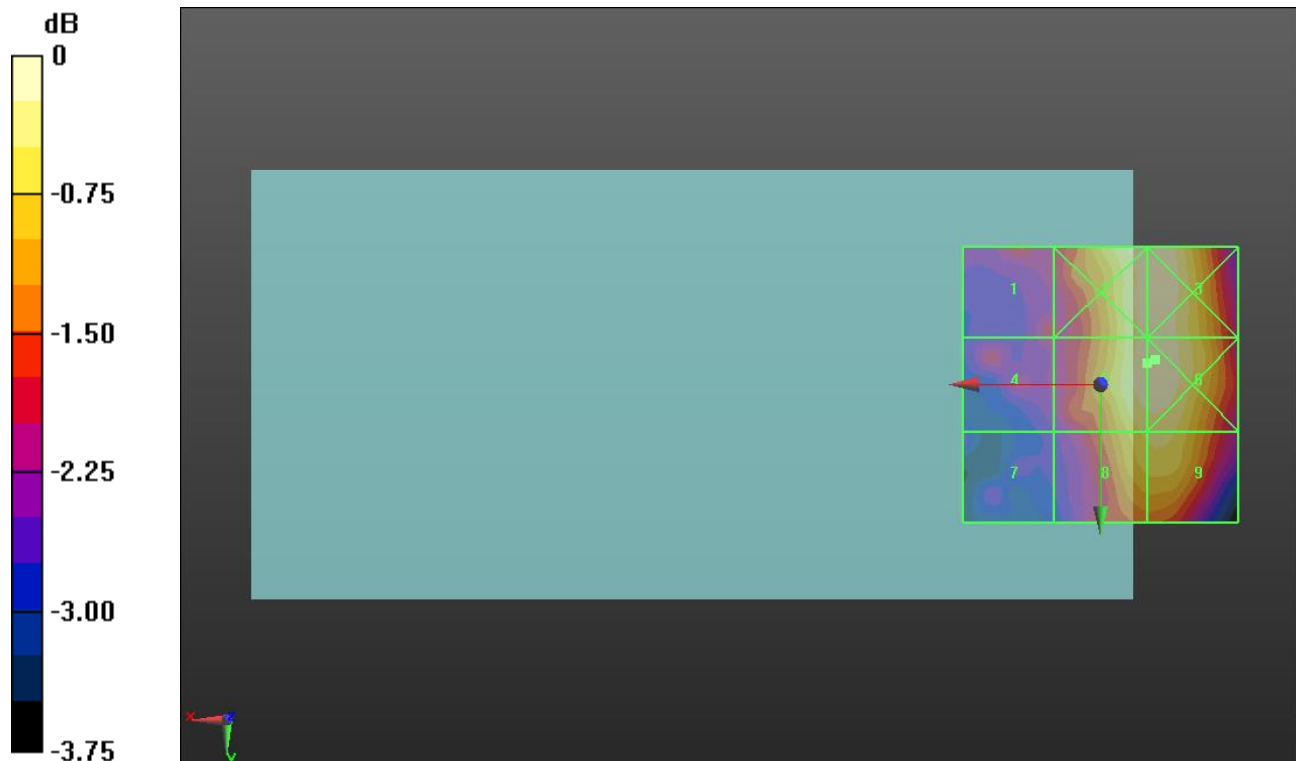
Applied MIF = 3.63 dB

RF audio interference level = 28.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.13 dBV/m	Grid 2 M4 28.74 dBV/m	Grid 3 M4 28.77 dBV/m
Grid 4 M4 26.88 dBV/m	Grid 5 M4 28.76 dBV/m	Grid 6 M4 28.81 dBV/m
Grid 7 M4 26.34 dBV/m	Grid 8 M4 28.39 dBV/m	Grid 9 M4 28.43 dBV/m



0 dB = 27.57 V/m = 28.81 dBV/m

GSM 850 ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 21.62 V/m; Power Drift = -0.04 dB

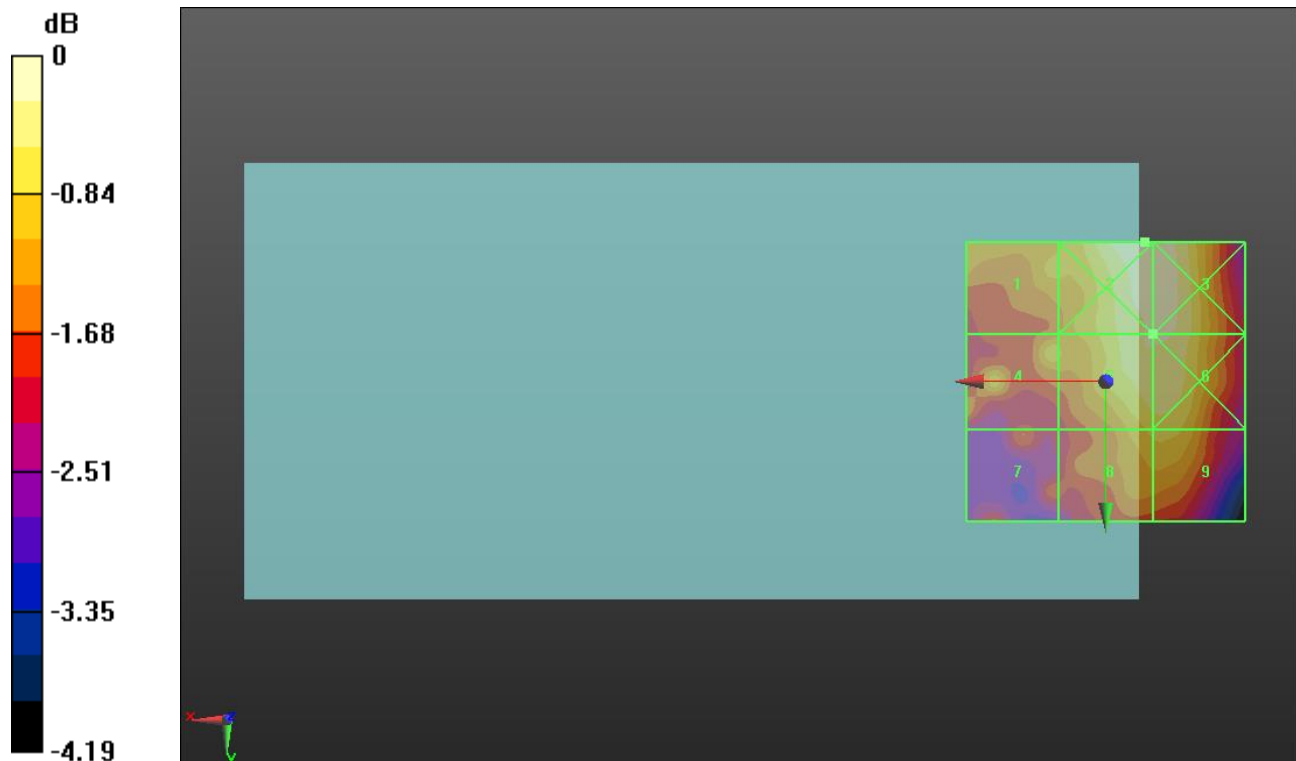
Applied MIF = 3.63 dB

RF audio interference level = 27.60 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.8 dBV/m	Grid 2 M4 27.82 dBV/m	Grid 3 M4 27.8 dBV/m
Grid 4 M4 26.87 dBV/m	Grid 5 M4 27.6 dBV/m	Grid 6 M4 27.61 dBV/m
Grid 7 M4 26.15 dBV/m	Grid 8 M4 27.08 dBV/m	Grid 9 M4 27.11 dBV/m



0 dB = 24.60 V/m = 27.82 dBV/m

GSM 1900 ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 17.07 V/m; Power Drift = 0.08 dB

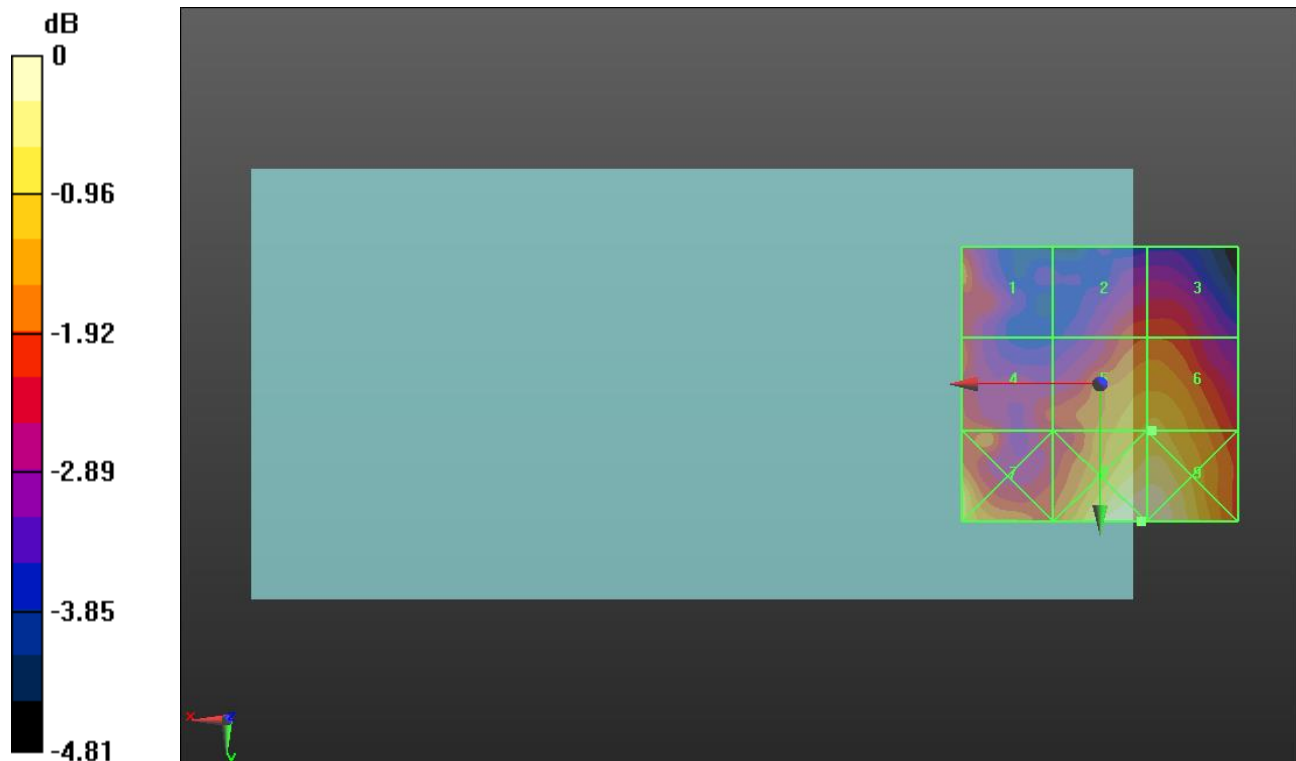
Applied MIF = 3.63 dB

RF audio interference level = 27.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.44 dBV/m	Grid 2 M4 26.11 dBV/m	Grid 3 M4 26.11 dBV/m
Grid 4 M4 26.07 dBV/m	Grid 5 M4 27.15 dBV/m	Grid 6 M4 27.17 dBV/m
Grid 7 M4 27.4 dBV/m	Grid 8 M4 28.05 dBV/m	Grid 9 M4 28.04 dBV/m



0 dB = 25.27 V/m = 28.05 dBV/m

GSM 1900 ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 16.28 V/m; Power Drift = 0.00 dB

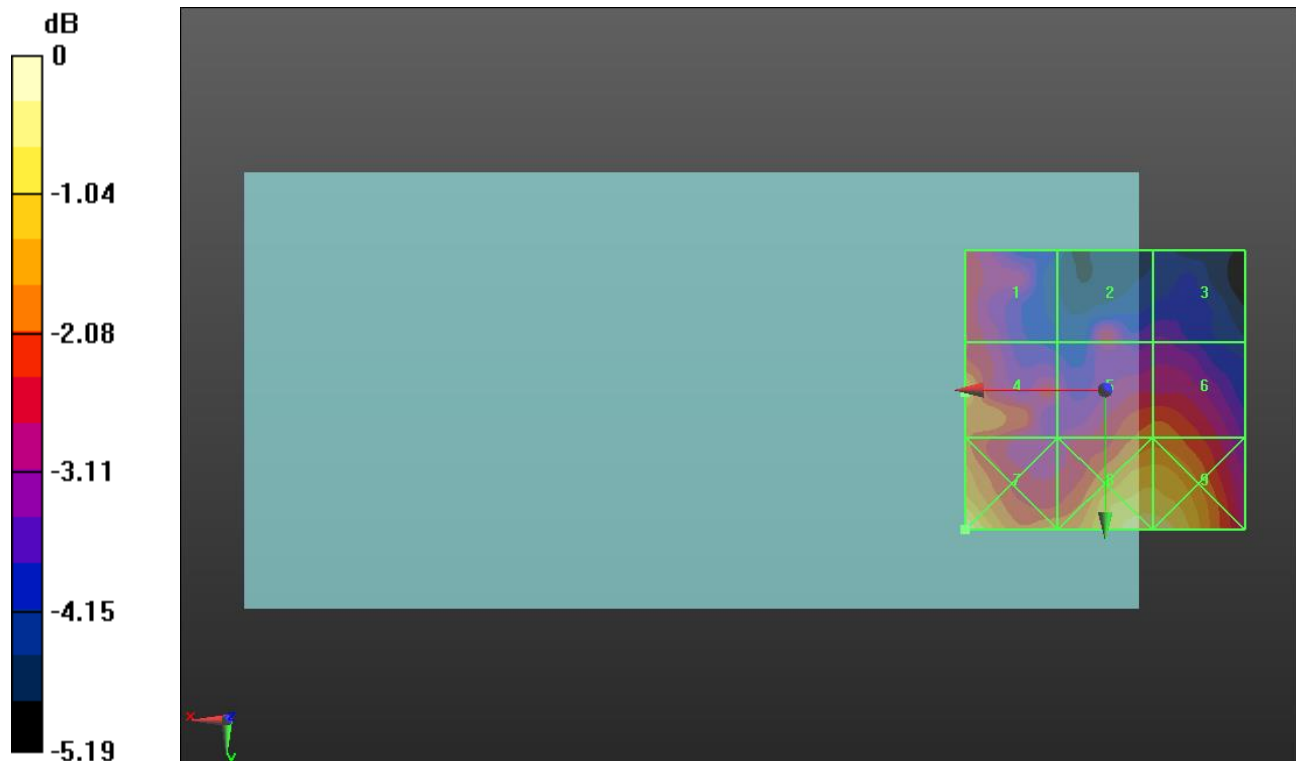
Applied MIF = 3.63 dB

RF audio interference level = 27.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.22 dBV/m	Grid 2 M4 25.96 dBV/m	Grid 3 M4 25.22 dBV/m
Grid 4 M4 27.39 dBV/m	Grid 5 M4 26.71 dBV/m	Grid 6 M4 26.71 dBV/m
Grid 7 M4 28.59 dBV/m	Grid 8 M4 28.16 dBV/m	Grid 9 M4 28.16 dBV/m



0 dB = 26.89 V/m = 28.59 dBV/m

GSM 1900 ANT 1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 16.09 V/m; Power Drift = -0.17 dB

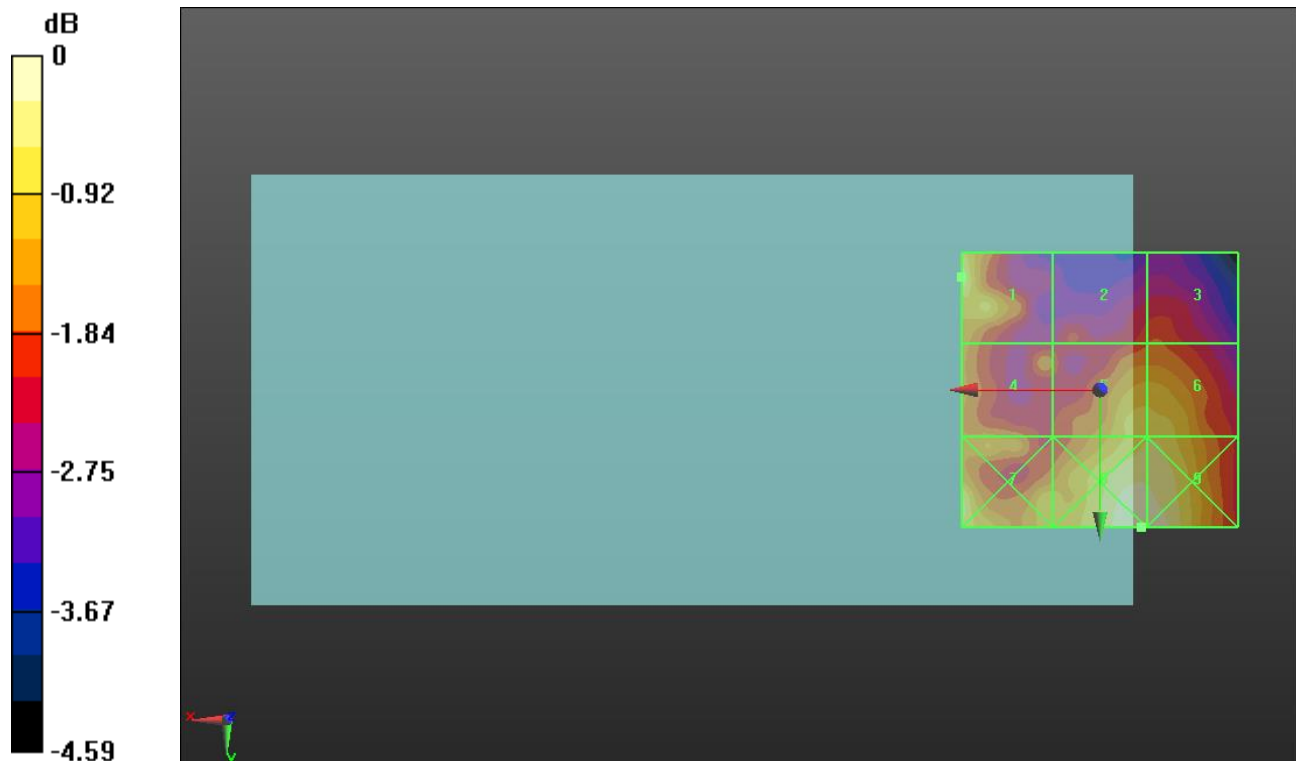
Applied MIF = 3.63 dB

RF audio interference level = 26.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.68 dBV/m	Grid 2 M4 25.15 dBV/m	Grid 3 M4 25.21 dBV/m
Grid 4 M4 25.67 dBV/m	Grid 5 M4 26.35 dBV/m	Grid 6 M4 26.36 dBV/m
Grid 7 M4 26.63 dBV/m	Grid 8 M4 27 dBV/m	Grid 9 M4 26.99 dBV/m



0 dB = 22.39 V/m = 27.00 dBV/m

CDMA2000 BC0 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

1013/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 = 40.22 V/m; Power Drift = 0.04 dB

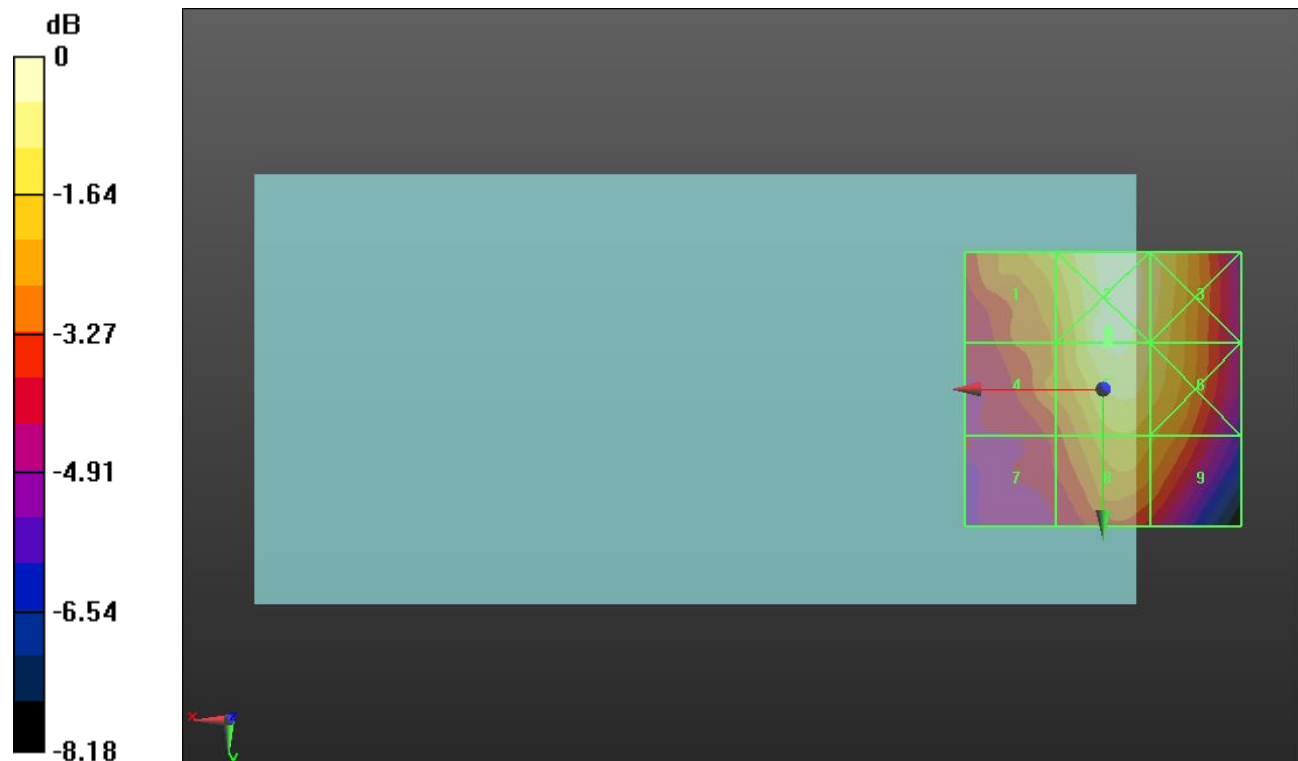
Applied MIF = 3.26 dB

RF audio interference level = 31.87 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.66 dBV/m	Grid 2 M4 32.06 dBV/m	Grid 3 M4 31.31 dBV/m
Grid 4 M4 29.62 dBV/m	Grid 5 M4 31.87 dBV/m	Grid 6 M4 31.04 dBV/m
Grid 7 M4 28.55 dBV/m	Grid 8 M4 30.39 dBV/m	Grid 9 M4 30.05 dBV/m



0 dB = 40.07 V/m = 32.06 dBV/m

CDMA2000 BC0 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

384/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 = 42.52 V/m; Power Drift = -0.00 dB

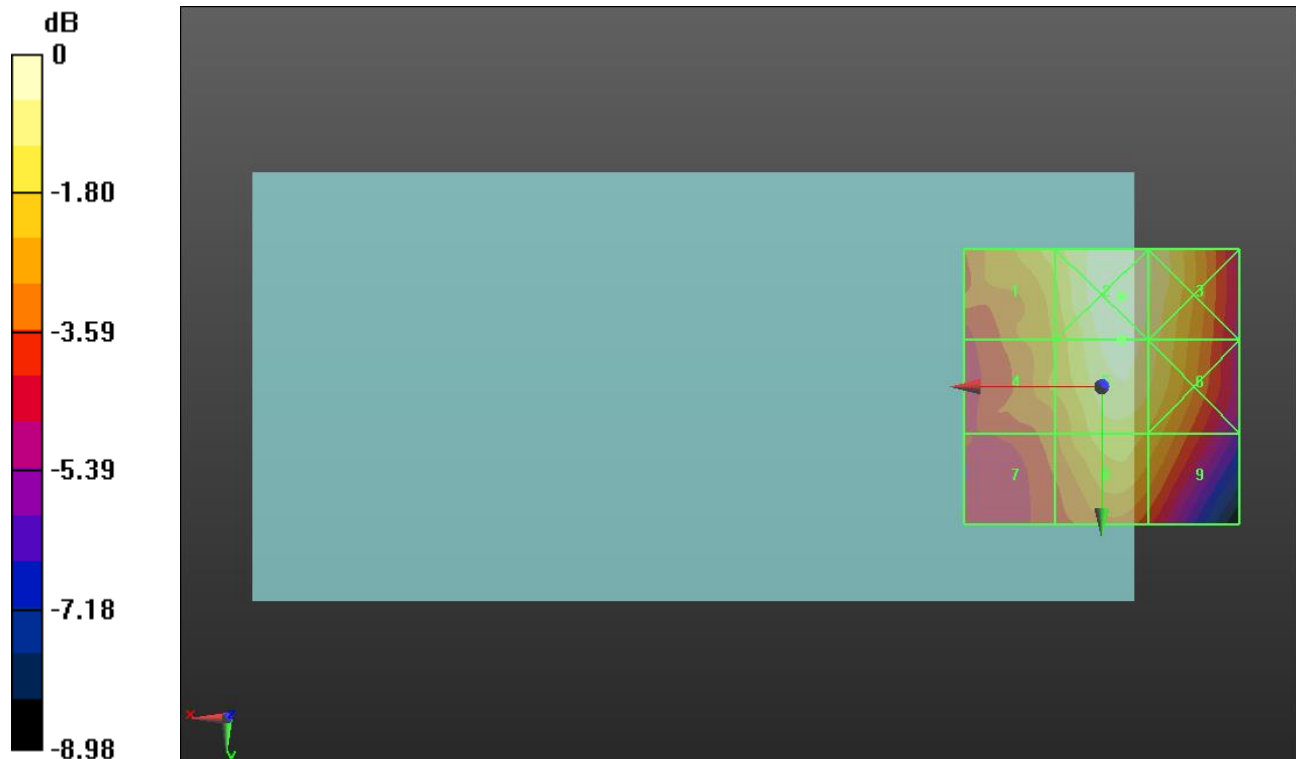
Applied MIF = 3.26 dB

RF audio interference level = 31.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.59 dBV/m	Grid 2 M4 32 dBV/m	Grid 3 M4 31.5 dBV/m
Grid 4 M4 29.76 dBV/m	Grid 5 M4 31.69 dBV/m	Grid 6 M4 31.18 dBV/m
Grid 7 M4 28.91 dBV/m	Grid 8 M4 30.6 dBV/m	Grid 9 M4 30.12 dBV/m



0 dB = 39.79 V/m = 32.00 dBV/m

CDMA2000 BC0 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

777/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 = 43.45 V/m; Power Drift = -0.12 dB

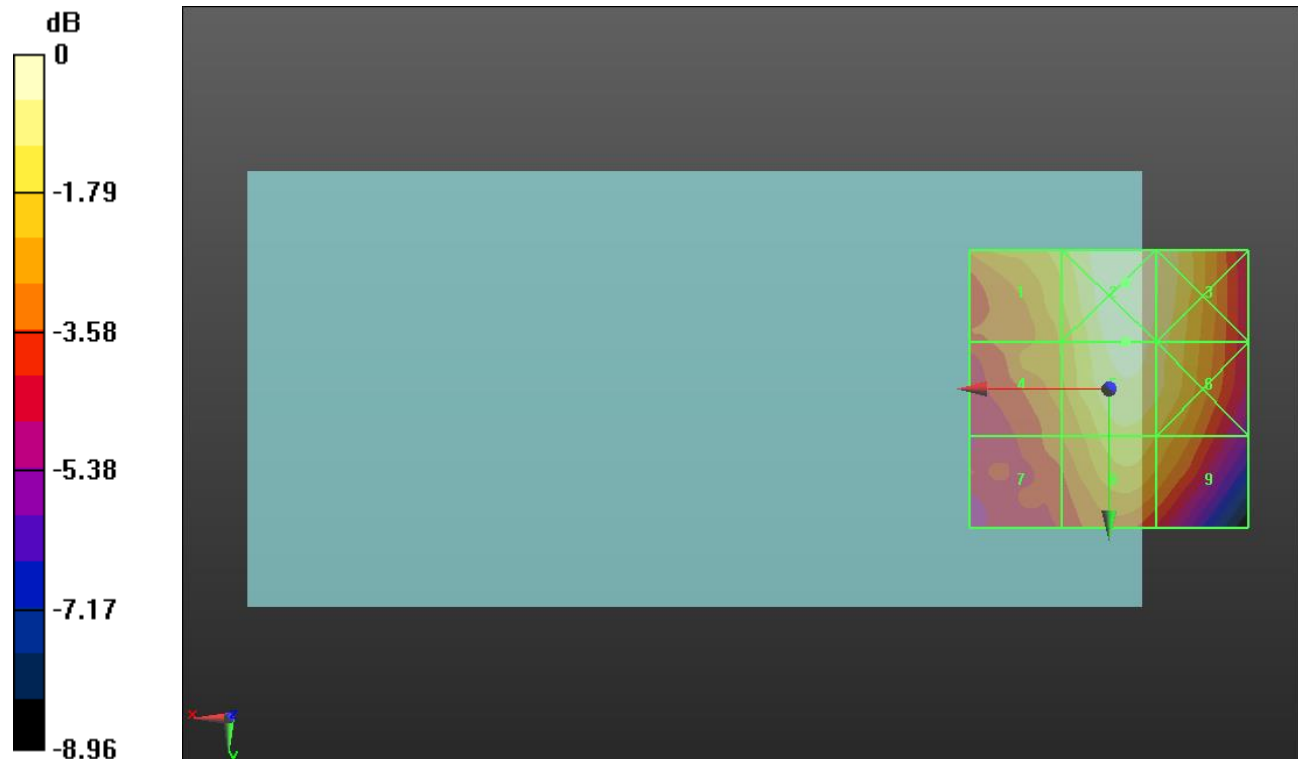
Applied MIF = 3.26 dB

RF audio interference level = 31.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.63 dBV/m	Grid 2 M4 32.03 dBV/m	Grid 3 M4 31.5 dBV/m
Grid 4 M4 29.76 dBV/m	Grid 5 M4 31.72 dBV/m	Grid 6 M4 31.21 dBV/m
Grid 7 M4 29.02 dBV/m	Grid 8 M4 30.7 dBV/m	Grid 9 M4 30.21 dBV/m



0 dB = 39.94 V/m = 32.03 dBV/m

CDMA2000 BC1 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

25/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 = 13.53 V/m; Power Drift = 0.09 dB

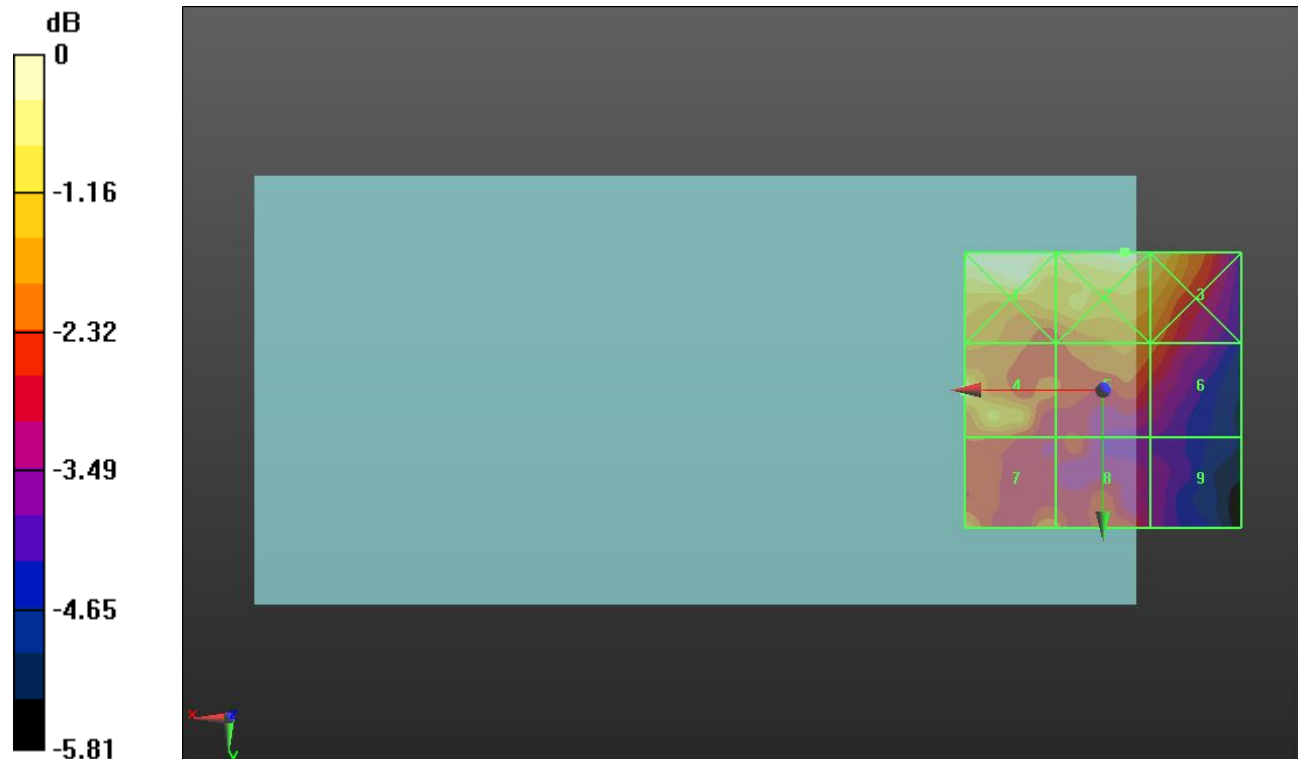
Applied MIF = 3.26 dB

RF audio interference level = 25.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.95 dBV/m	Grid 2 M4 25.96 dBV/m	Grid 3 M4 25.57 dBV/m
Grid 4 M4 25.28 dBV/m	Grid 5 M4 24.12 dBV/m	Grid 6 M4 23.87 dBV/m
Grid 7 M4 24.71 dBV/m	Grid 8 M4 23.9 dBV/m	Grid 9 M4 22.57 dBV/m



0 dB = 19.86 V/m = 25.96 dBV/m

CDMA2000 BC1 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

600/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 = 15.33 V/m; Power Drift = -0.15 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.31 dBV/m	Grid 2 M4 26.14 dBV/m	Grid 3 M4 25.61 dBV/m
Grid 4 M4 25.35 dBV/m	Grid 5 M4 24.41 dBV/m	Grid 6 M4 24.4 dBV/m
Grid 7 M4 25.17 dBV/m	Grid 8 M4 23.84 dBV/m	Grid 9 M4 22.42 dBV/m



0 dB = 23.20 V/m = 27.31 dBV/m

CDMA2000 BC1 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

1175/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 = 15.86 V/m; Power Drift = 0.06 dB

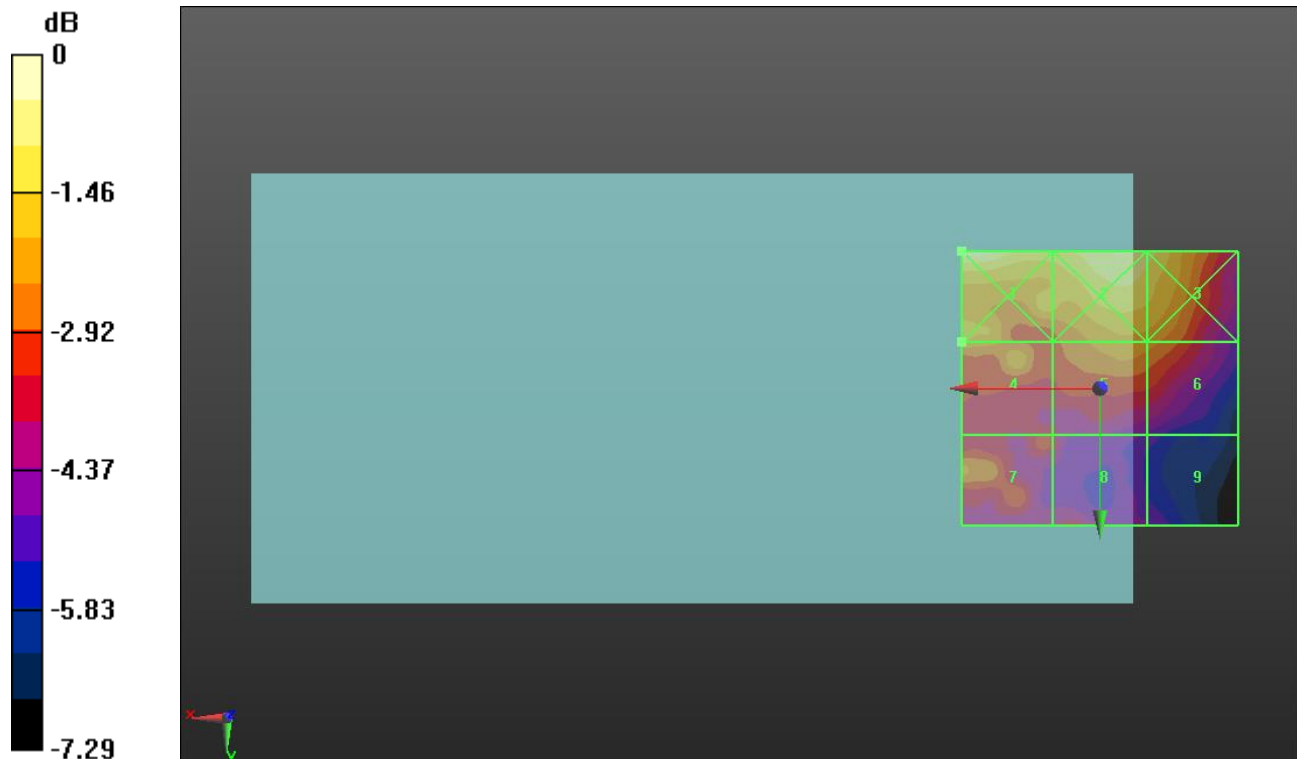
Applied MIF = 3.26 dB

RF audio interference level = 25.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.03 dBV/m	Grid 2 M4 26.6 dBV/m	Grid 3 M4 26.31 dBV/m
Grid 4 M4 25.11 dBV/m	Grid 5 M4 24.96 dBV/m	Grid 6 M4 24.83 dBV/m
Grid 7 M4 24.73 dBV/m	Grid 8 M4 23.51 dBV/m	Grid 9 M4 22.3 dBV/m



0 dB = 22.46 V/m = 27.03 dBV/m

CDMA2000 BC10 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

476/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 = 42.83 V/m; Power Drift = -0.01 dB

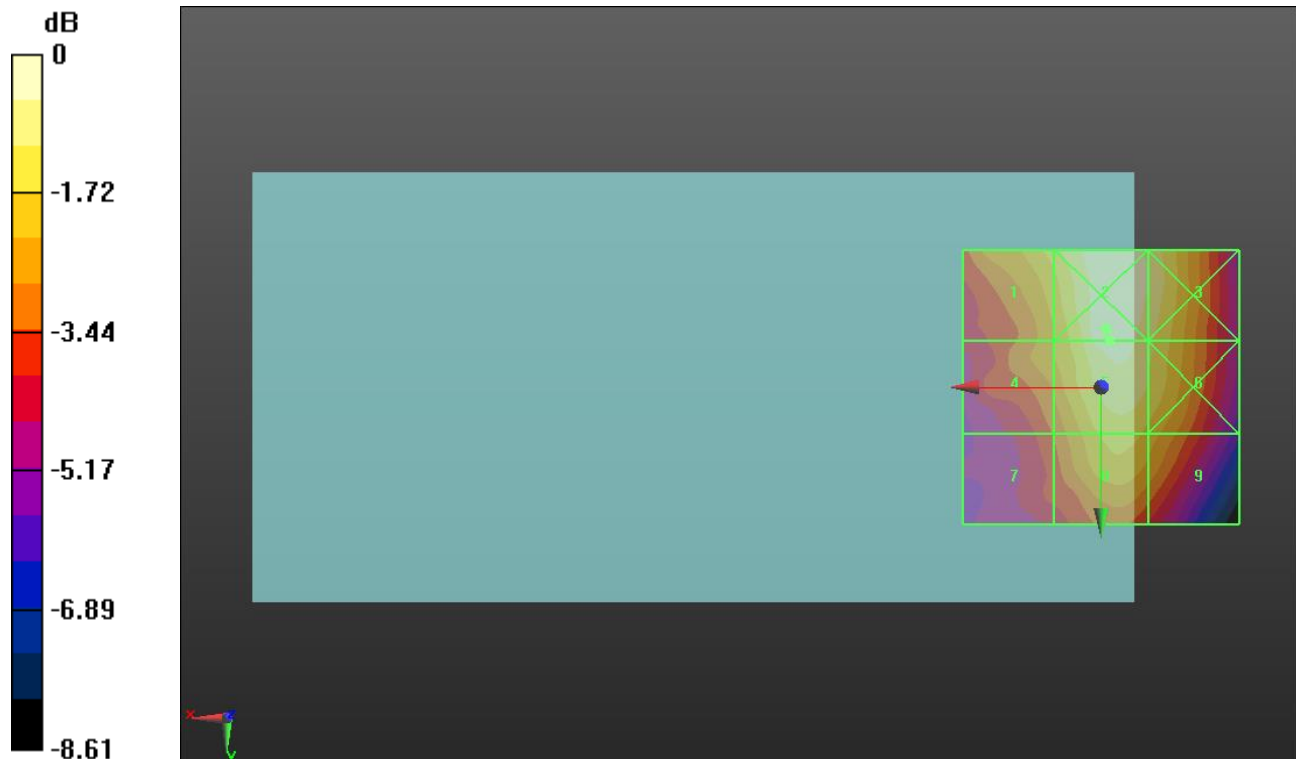
Applied MIF = 3.26 dB

RF audio interference level = 32.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.82 dBV/m	Grid 2 M4 32.2 dBV/m	Grid 3 M4 31.65 dBV/m
Grid 4 M4 29.91 dBV/m	Grid 5 M4 32.03 dBV/m	Grid 6 M4 31.26 dBV/m
Grid 7 M4 28.85 dBV/m	Grid 8 M4 30.76 dBV/m	Grid 9 M4 30.29 dBV/m



0 dB = 40.75 V/m = 32.20 dBV/m

CDMA2000 BC10 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

580/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 = 43.47 V/m; Power Drift = -0.09 dB

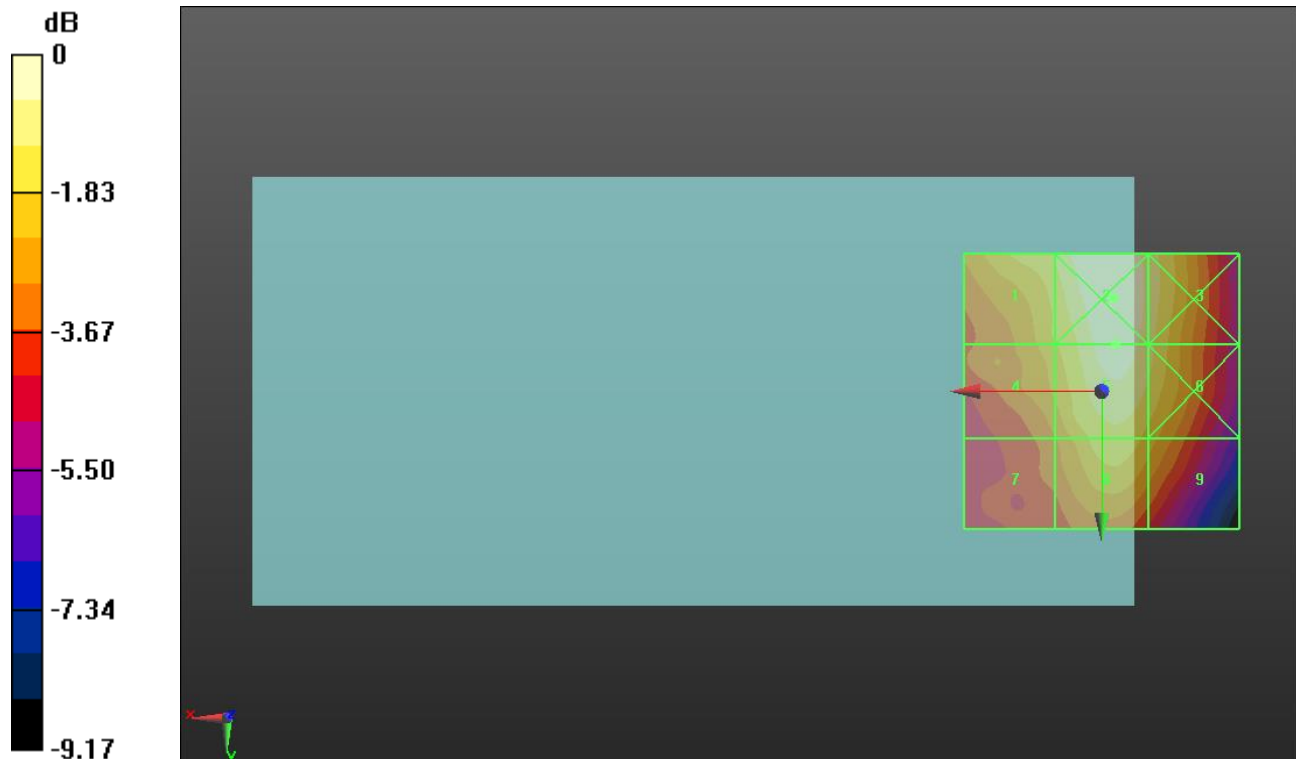
Applied MIF = 3.26 dB

RF audio interference level = 31.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.98 dBV/m	Grid 2 M4 32.1 dBV/m	Grid 3 M4 31.33 dBV/m
Grid 4 M4 30.22 dBV/m	Grid 5 M4 31.81 dBV/m	Grid 6 M4 31.1 dBV/m
Grid 7 M4 29.01 dBV/m	Grid 8 M4 30.72 dBV/m	Grid 9 M4 30 dBV/m



0 dB = 40.28 V/m = 32.10 dBV/m

CDMA2000 BC10 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 823.1 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

684/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 = 43.58 V/m; Power Drift = -0.12 dB

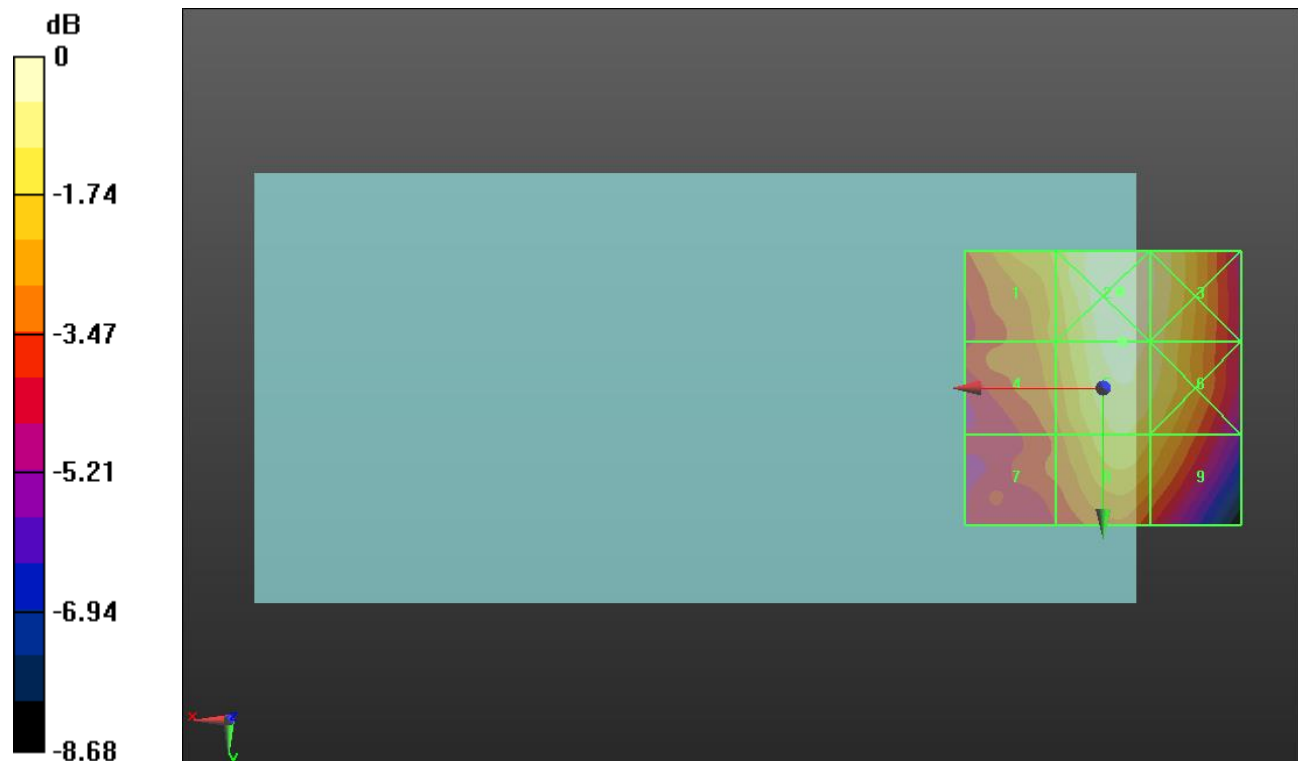
Applied MIF = 3.26 dB

RF audio interference level = 31.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.5 dBV/m	Grid 2 M4 32.04 dBV/m	Grid 3 M4 31.59 dBV/m
Grid 4 M4 29.89 dBV/m	Grid 5 M4 31.79 dBV/m	Grid 6 M4 31.32 dBV/m
Grid 7 M4 28.86 dBV/m	Grid 8 M4 30.88 dBV/m	Grid 9 M4 30.41 dBV/m



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

LTE Band 41 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 14.42 V/m; Power Drift = -0.19 dB

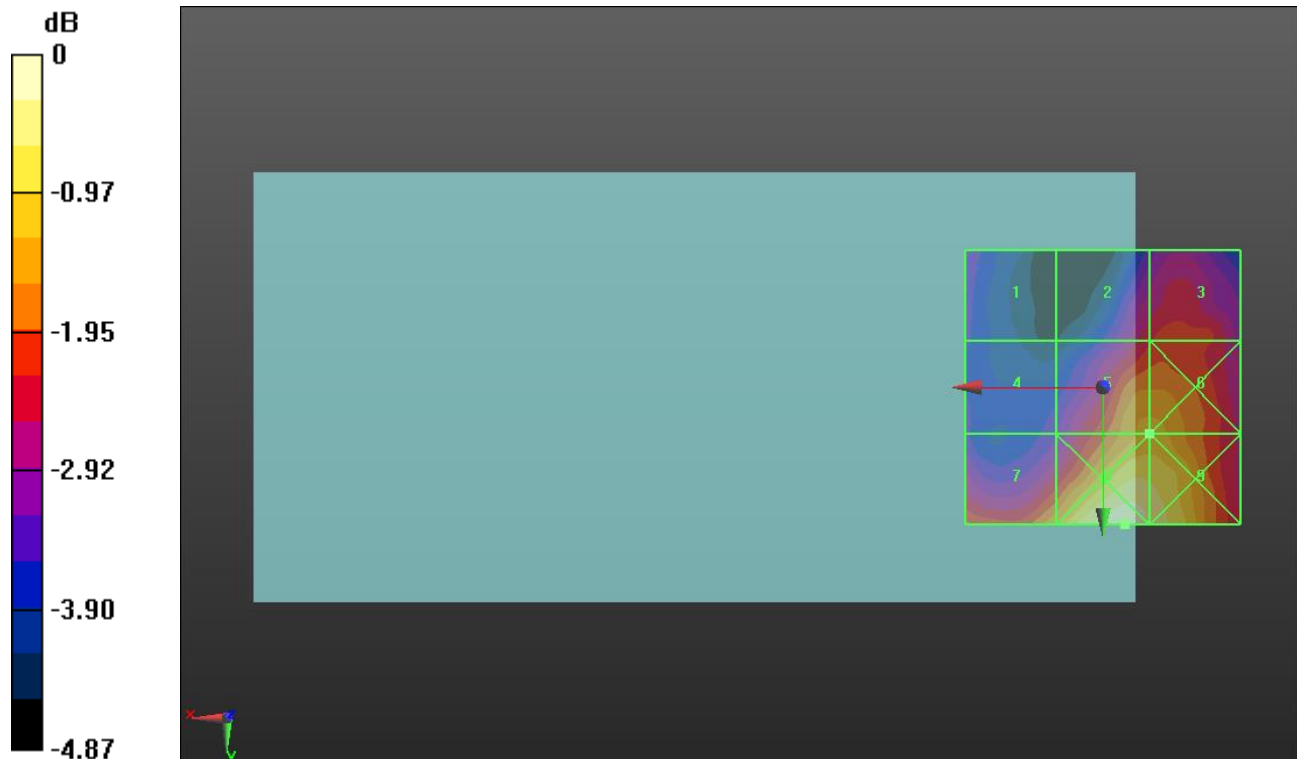
Applied MIF = -1.44 dB

RF audio interference level = 20.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.54 dBV/m	Grid 2 M4 19.36 dBV/m	Grid 3 M4 19.54 dBV/m
Grid 4 M4 18.41 dBV/m	Grid 5 M4 20.49 dBV/m	Grid 6 M4 20.49 dBV/m
Grid 7 M4 20.4 dBV/m	Grid 8 M4 21.67 dBV/m	Grid 9 M4 21.34 dBV/m



0 dB = 12.12 V/m = 21.67 dBV/m

LTE Band 41 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 14.07 V/m; Power Drift = 0.07 dB

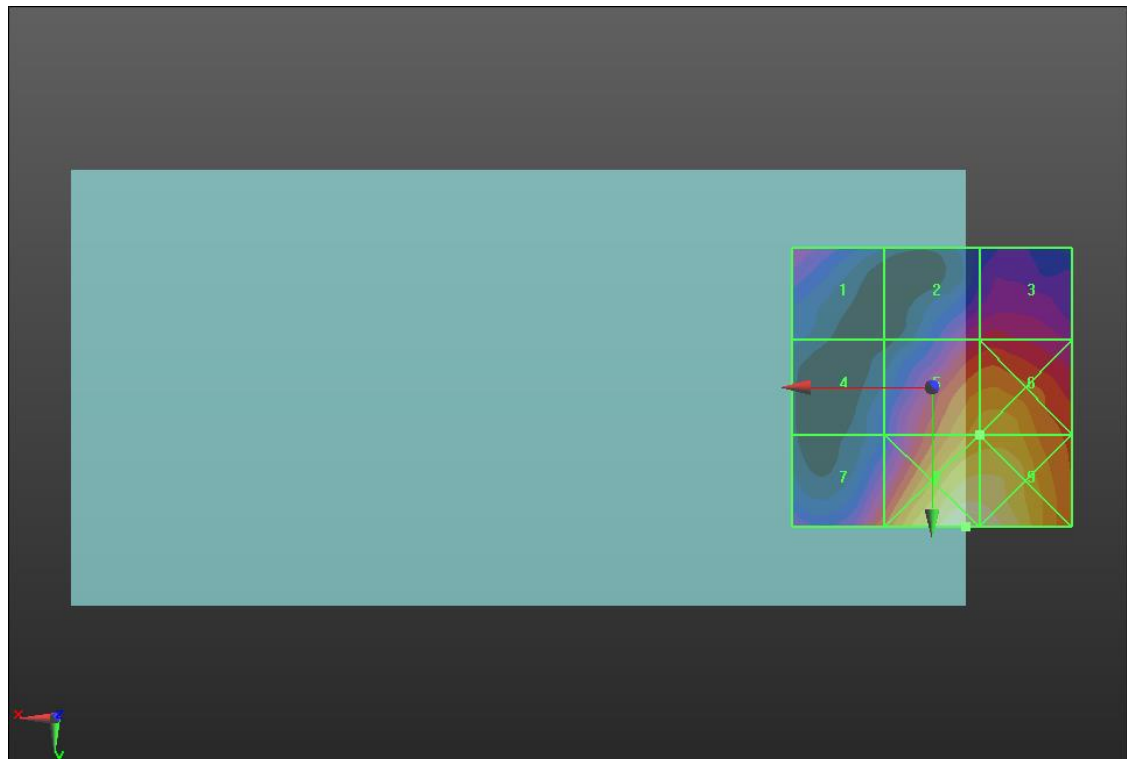
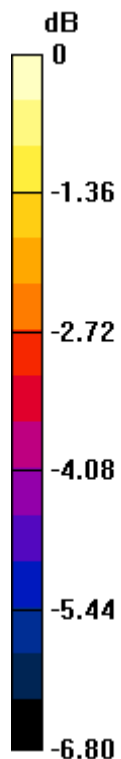
Applied MIF = -1.44 dB

RF audio interference level = 20.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.1 dBV/m	Grid 2 M4 18.66 dBV/m	Grid 3 M4 18.84 dBV/m
Grid 4 M4 17.01 dBV/m	Grid 5 M4 20.59 dBV/m	Grid 6 M4 20.68 dBV/m
Grid 7 M4 19.53 dBV/m	Grid 8 M4 22.19 dBV/m	Grid 9 M4 22.08 dBV/m



0 dB = 12.87 V/m = 22.19 dBV/m

LTE Band 41 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 13.04 V/m; Power Drift = -0.00 dB

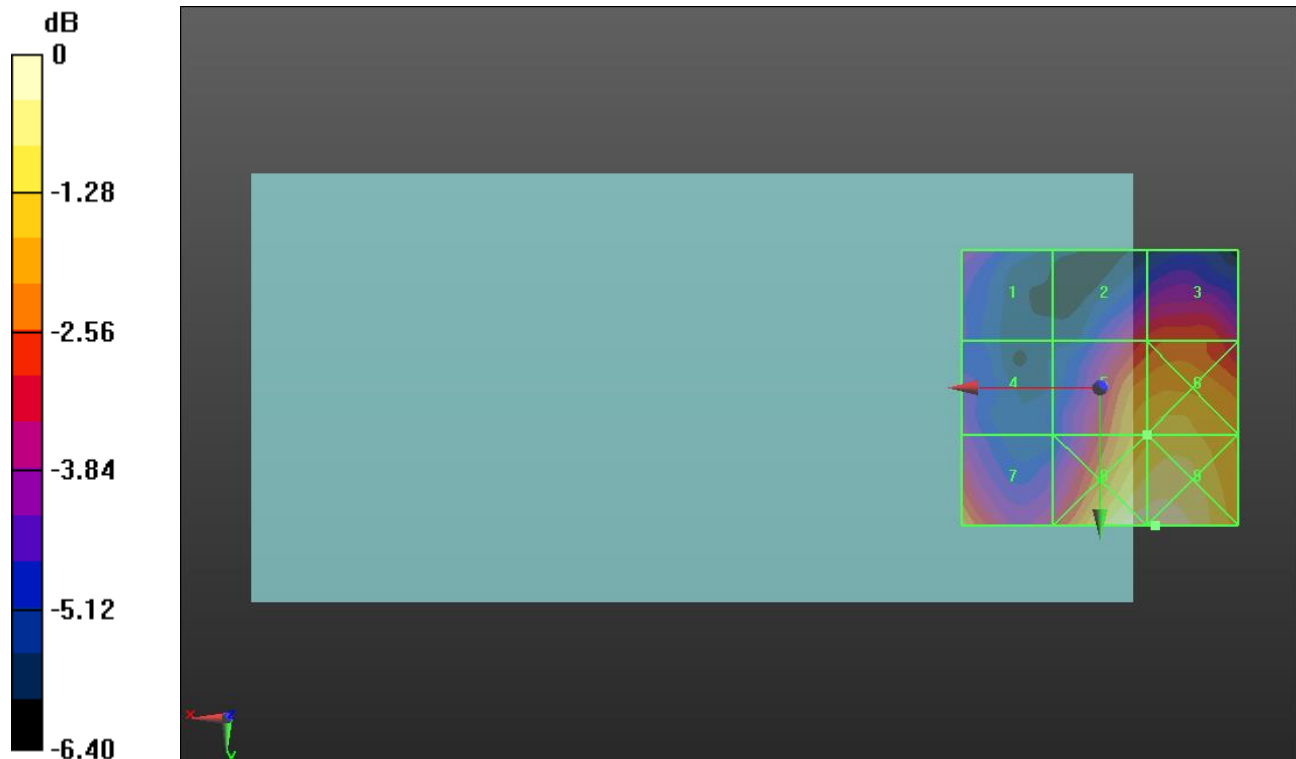
Applied MIF = -1.44 dB

RF audio interference level = 20.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.86 dBV/m	Grid 2 M4 18.91 dBV/m	Grid 3 M4 19.23 dBV/m
Grid 4 M4 17.76 dBV/m	Grid 5 M4 20.4 dBV/m	Grid 6 M4 20.65 dBV/m
Grid 7 M4 19.93 dBV/m	Grid 8 M4 21.73 dBV/m	Grid 9 M4 21.75 dBV/m



0 dB = 12.24 V/m = 21.76 dBV/m

LTE Band 41 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 13.04 V/m; Power Drift = -0.12 dB

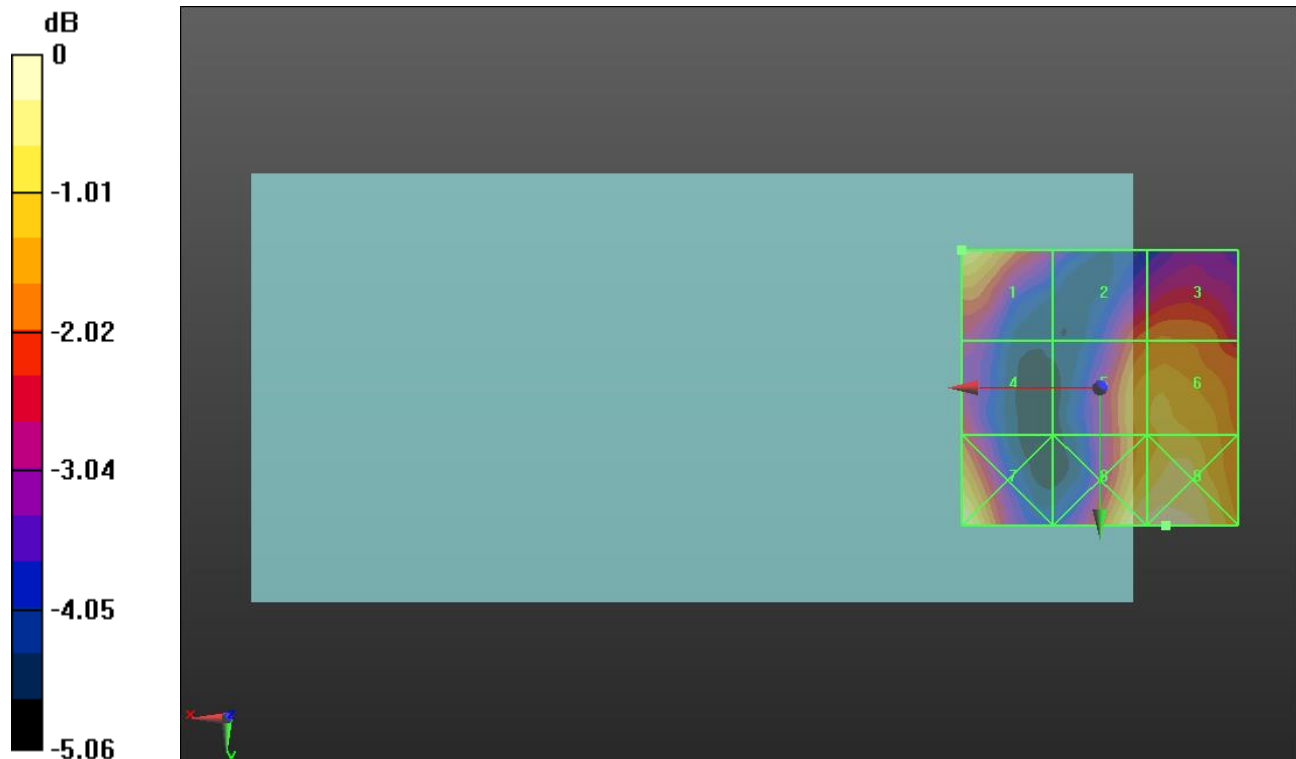
Applied MIF = -1.44 dB

RF audio interference level = 20.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.03 dBV/m	Grid 2 M4 18.77 dBV/m	Grid 3 M4 18.94 dBV/m
Grid 4 M4 18.4 dBV/m	Grid 5 M4 19.48 dBV/m	Grid 6 M4 19.66 dBV/m
Grid 7 M4 20.42 dBV/m	Grid 8 M4 20.38 dBV/m	Grid 9 M4 20.54 dBV/m



0 dB = 10.64 V/m = 20.54 dBV/m

LTE Band 41 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 10.75 V/m; Power Drift = 0.02 dB

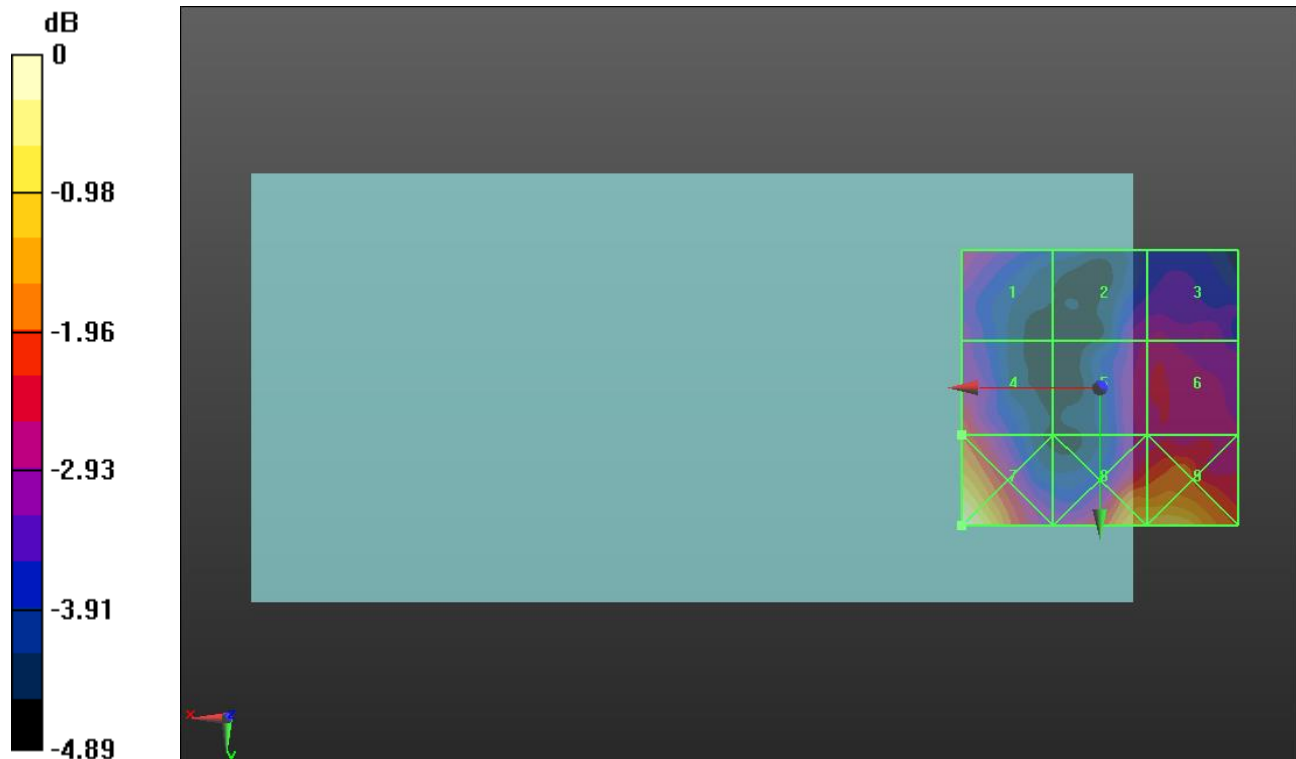
Applied MIF = -1.44 dB

RF audio interference level = 18.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.41 dBV/m	Grid 2 M4 17.09 dBV/m	Grid 3 M4 17.17 dBV/m
Grid 4 M4 18.01 dBV/m	Grid 5 M4 17.34 dBV/m	Grid 6 M4 17.47 dBV/m
Grid 7 M4 19.98 dBV/m	Grid 8 M4 19.24 dBV/m	Grid 9 M4 19.4 dBV/m



0 dB = 9.976 V/m = 19.98 dBV/m

LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 19.78 V/m; Power Drift = -0.12 dB

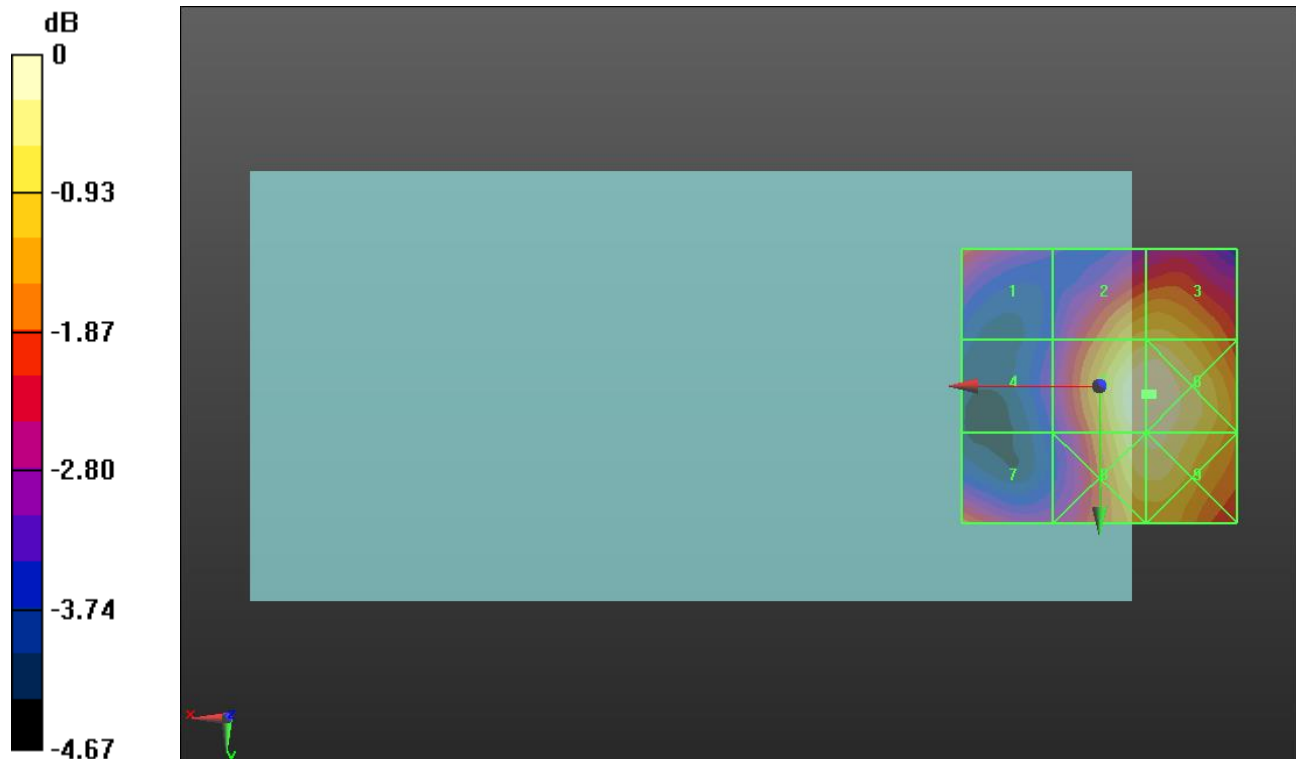
Applied MIF = -1.44 dB

RF audio interference level = 22.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.67 dBV/m	Grid 2 M4 21.75 dBV/m	Grid 3 M4 21.77 dBV/m
Grid 4 M4 19.51 dBV/m	Grid 5 M4 22.49 dBV/m	Grid 6 M4 22.49 dBV/m
Grid 7 M4 20.92 dBV/m	Grid 8 M4 22.28 dBV/m	Grid 9 M4 22.29 dBV/m



0 dB = 13.32 V/m = 22.49 dBV/m

LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 16.94 V/m; Power Drift = 0.00 dB

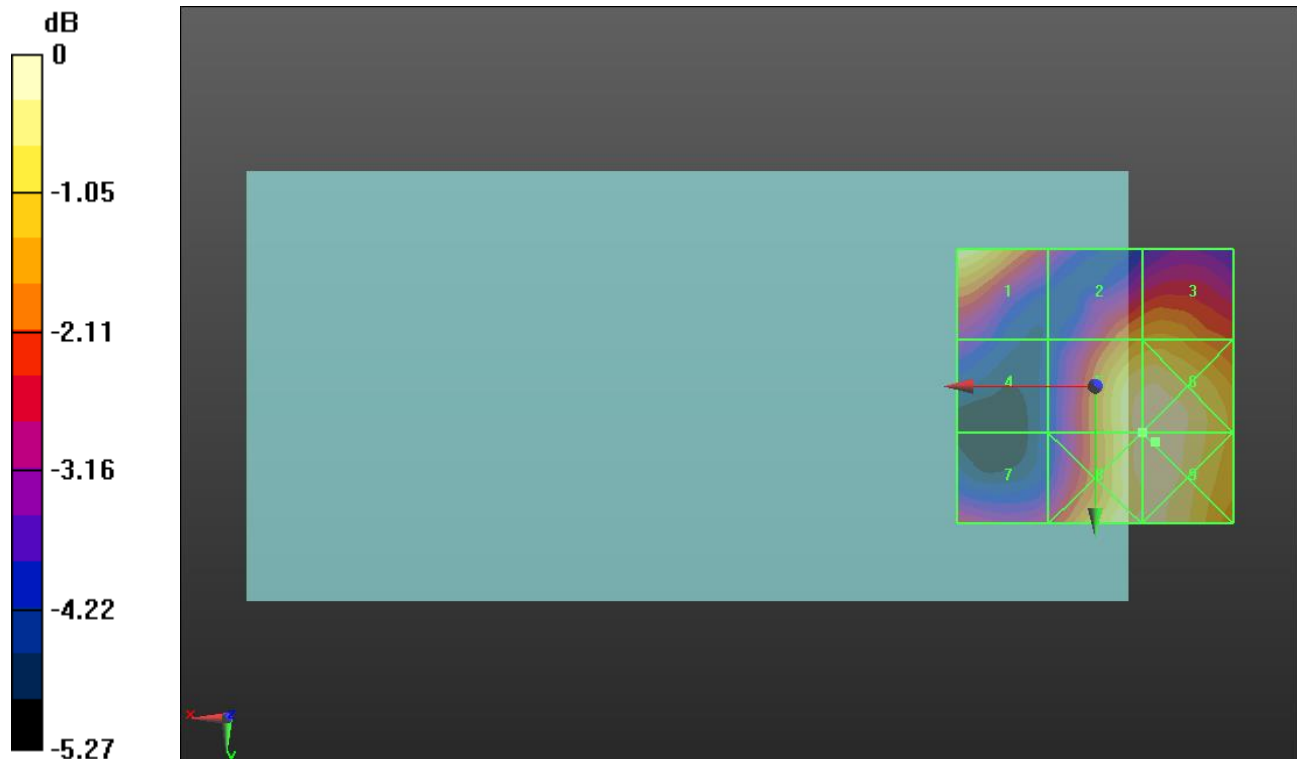
Applied MIF = -1.44 dB

RF audio interference level = 22.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.85 dBV/m	Grid 2 M4 20.82 dBV/m	Grid 3 M4 20.95 dBV/m
Grid 4 M4 18.88 dBV/m	Grid 5 M4 22.04 dBV/m	Grid 6 M4 22.18 dBV/m
Grid 7 M4 19.8 dBV/m	Grid 8 M4 22.04 dBV/m	Grid 9 M4 22.19 dBV/m



0 dB = 12.87 V/m = 22.19 dBV/m

LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 17.20 V/m; Power Drift = 0.07 dB

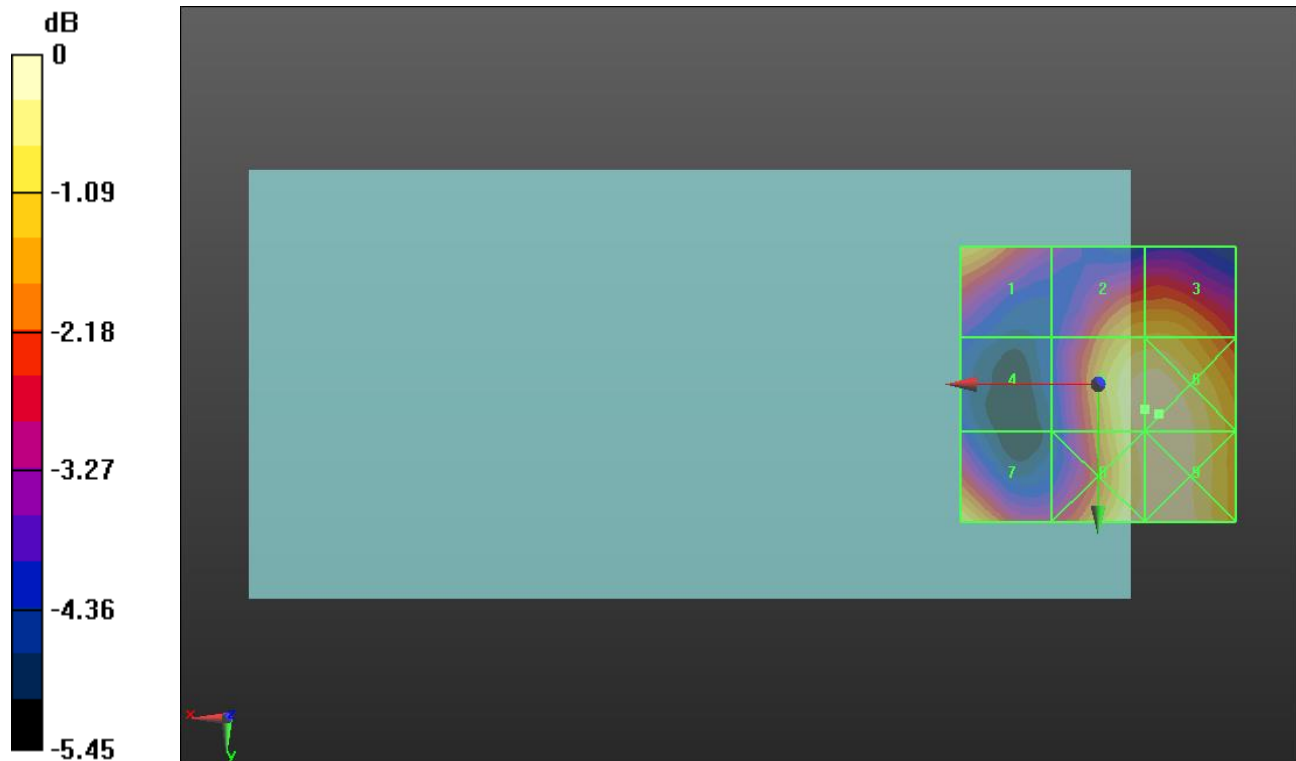
Applied MIF = -1.44 dB

RF audio interference level = 21.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.99 dBV/m	Grid 2 M4 20.98 dBV/m	Grid 3 M4 21.01 dBV/m
Grid 4 M4 18.07 dBV/m	Grid 5 M4 21.86 dBV/m	Grid 6 M4 21.97 dBV/m
Grid 7 M4 21.43 dBV/m	Grid 8 M4 21.83 dBV/m	Grid 9 M4 21.96 dBV/m



0 dB = 12.55 V/m = 21.97 dBV/m

LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 12.82 V/m; Power Drift = 0.18 dB

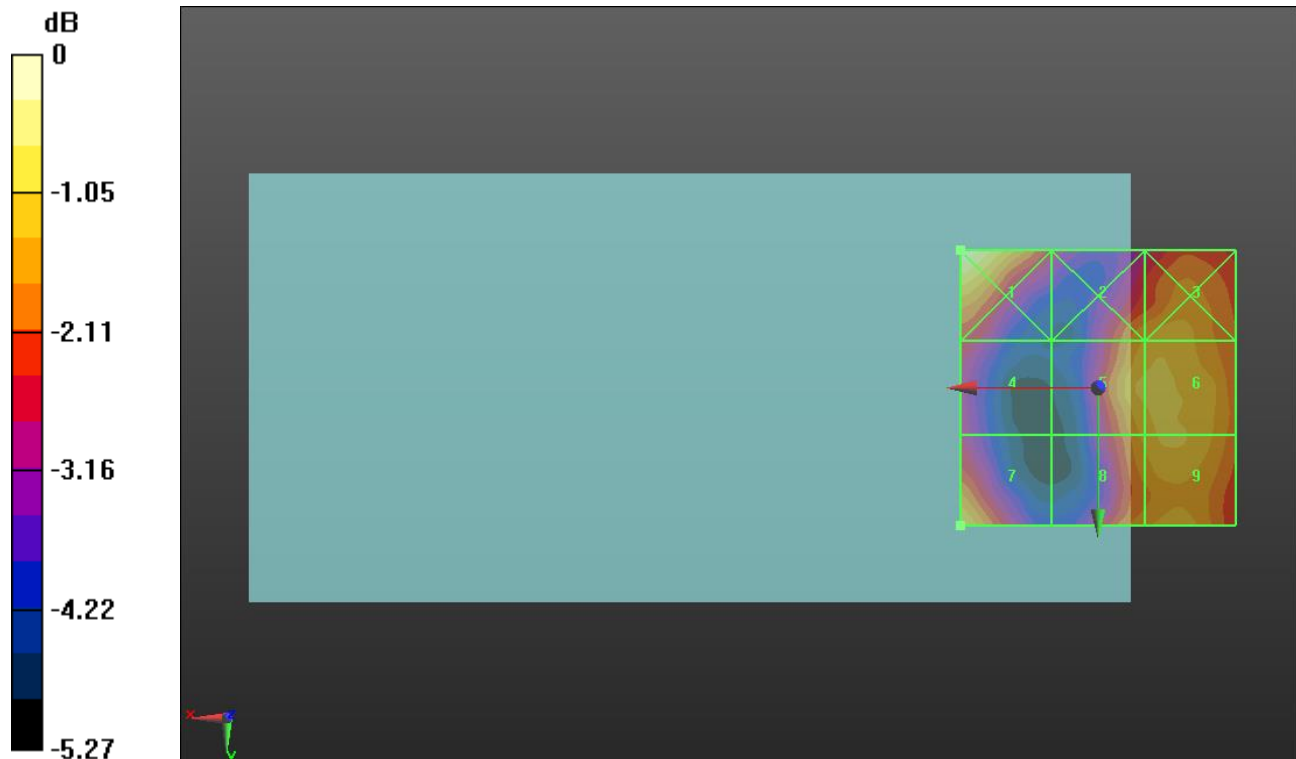
Applied MIF = -1.44 dB

RF audio interference level = 19.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.48 dBV/m	Grid 2 M4 19.1 dBV/m	Grid 3 M4 19.32 dBV/m
Grid 4 M4 18.06 dBV/m	Grid 5 M4 19.48 dBV/m	Grid 6 M4 19.6 dBV/m
Grid 7 M4 19.61 dBV/m	Grid 8 M4 19.2 dBV/m	Grid 9 M4 19.48 dBV/m



0 dB = 10.56 V/m = 20.47 dBV/m

LTE Band 41 PC2 ANT 1

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 11.38 V/m; Power Drift = -0.13 dB

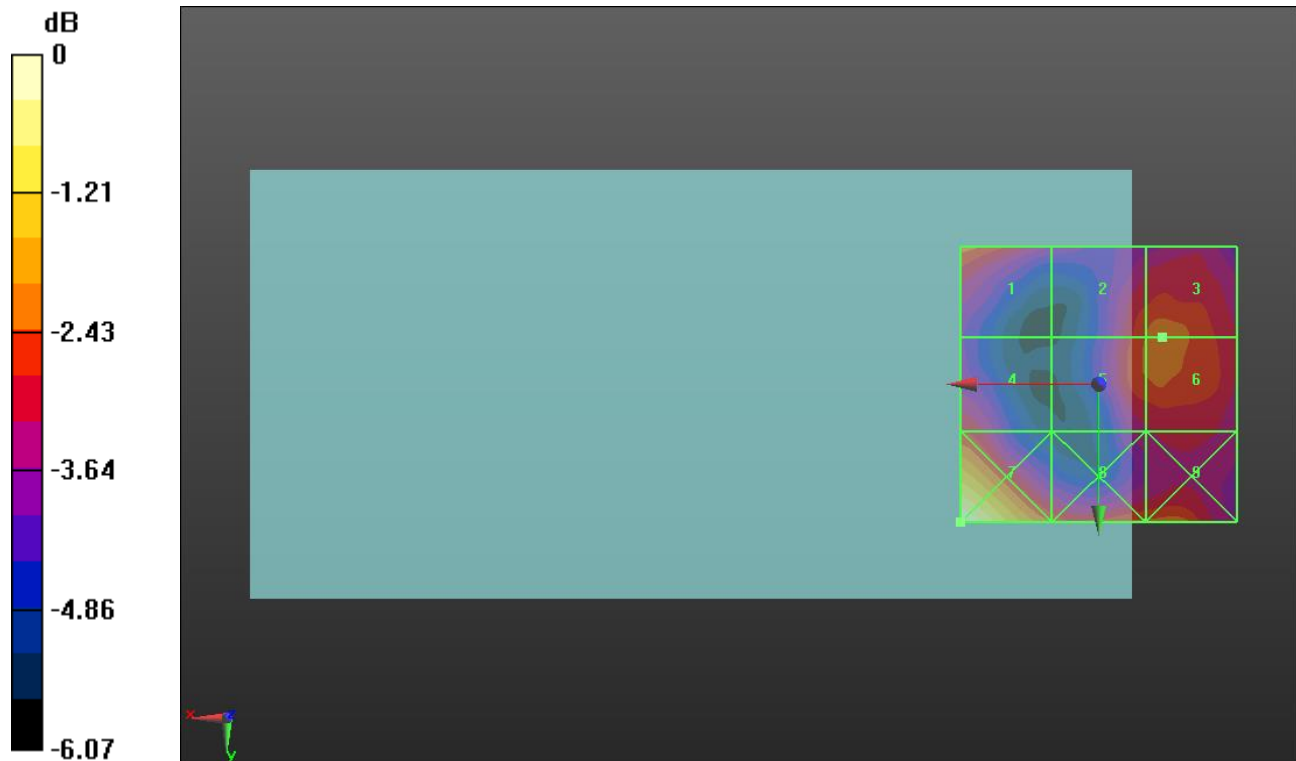
Applied MIF = -1.44 dB

RF audio interference level = 18.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.98 dBV/m	Grid 2 M4 18.79 dBV/m	Grid 3 M4 18.99 dBV/m
Grid 4 M4 18.42 dBV/m	Grid 5 M4 18.82 dBV/m	Grid 6 M4 18.99 dBV/m
Grid 7 M4 21.19 dBV/m	Grid 8 M4 18.94 dBV/m	Grid 9 M4 19.06 dBV/m



0 dB = 11.47 V/m = 21.19 dBV/m

GSM 850 ANT 2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 29.38 V/m; Power Drift = -0.00 dB

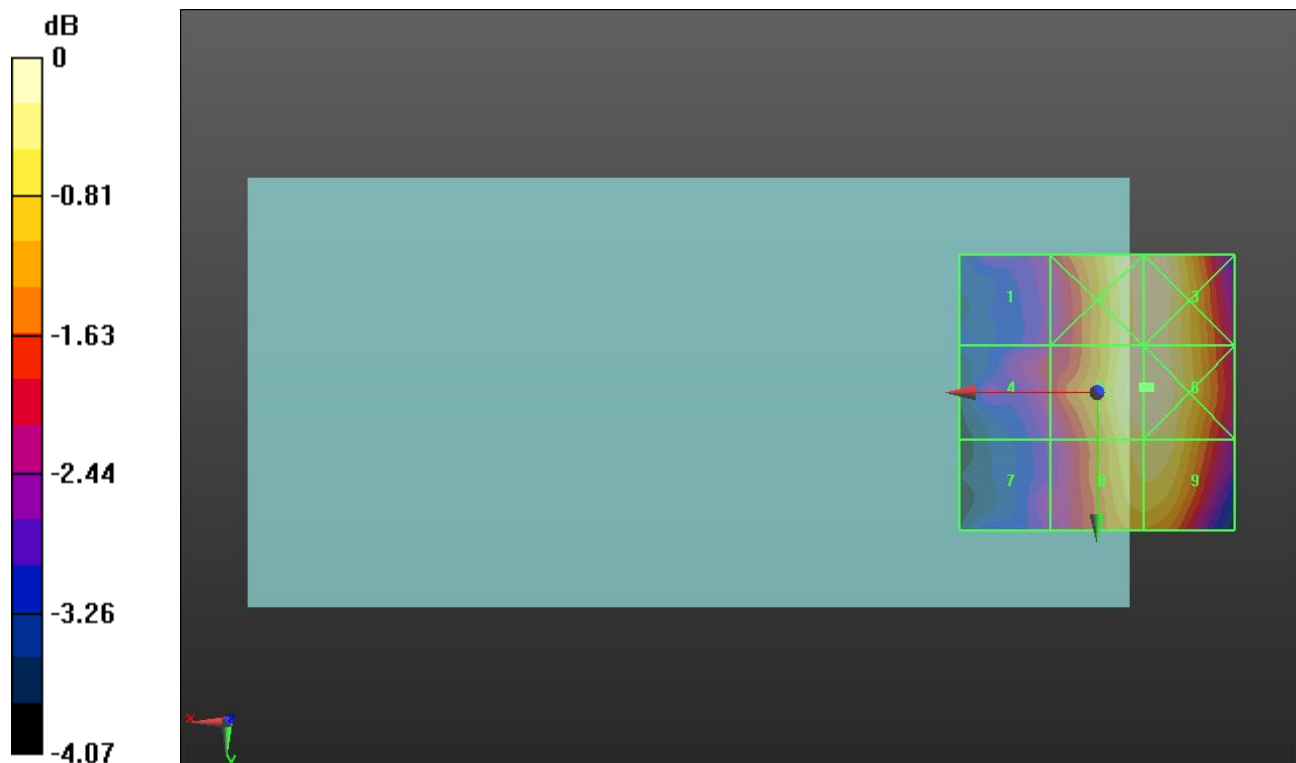
Applied MIF = 3.63 dB

RF audio interference level = 31.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.85 dBV/m	Grid 2 M4 31.08 dBV/m	Grid 3 M4 31.08 dBV/m
Grid 4 M4 29.12 dBV/m	Grid 5 M4 31.09 dBV/m	Grid 6 M4 31.12 dBV/m
Grid 7 M4 28.74 dBV/m	Grid 8 M4 30.81 dBV/m	Grid 9 M4 30.83 dBV/m



0 dB = 35.96 V/m = 31.12 dBV/m

GSM 850 ANT 2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 22.39 V/m; Power Drift = 0.05 dB

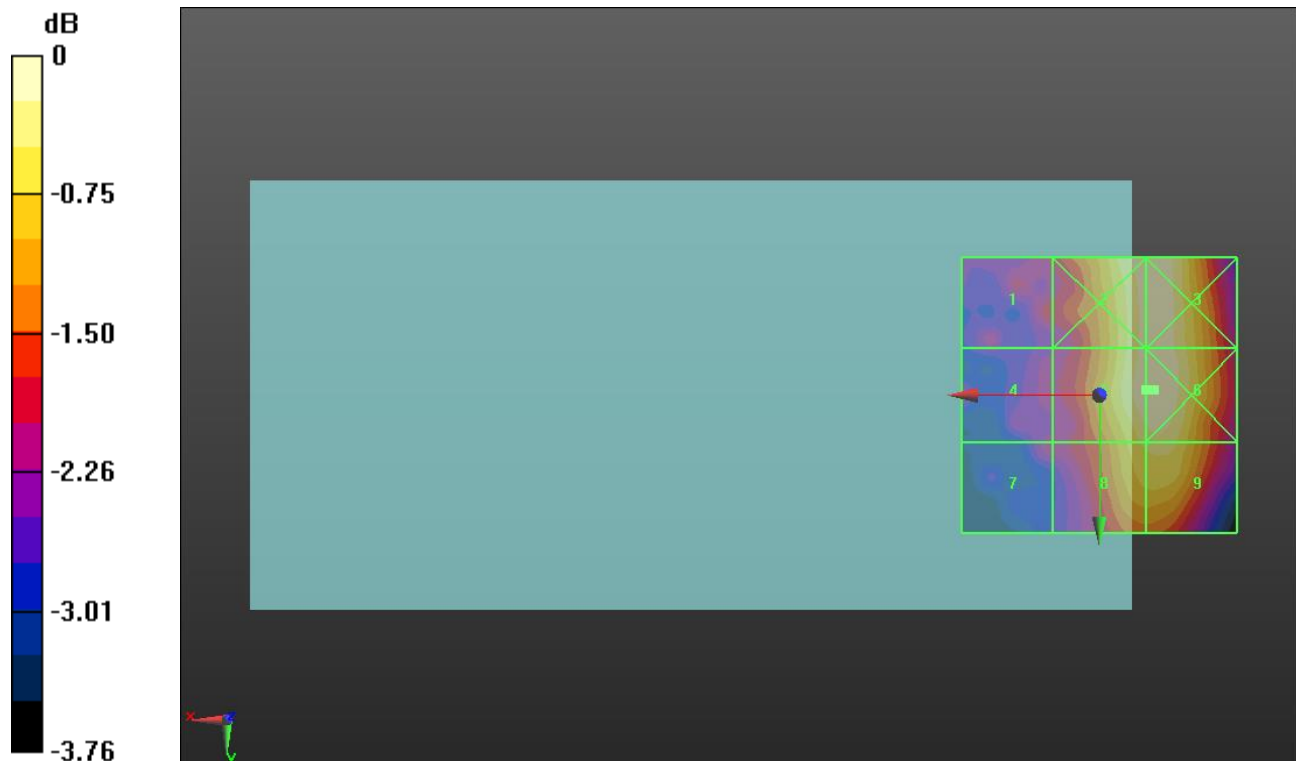
Applied MIF = 3.63 dB

RF audio interference level = 28.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.13 dBV/m	Grid 2 M4 28.93 dBV/m	Grid 3 M4 28.94 dBV/m
Grid 4 M4 26.91 dBV/m	Grid 5 M4 28.92 dBV/m	Grid 6 M4 28.97 dBV/m
Grid 7 M4 26.86 dBV/m	Grid 8 M4 28.54 dBV/m	Grid 9 M4 28.58 dBV/m



0 dB = 28.07 V/m = 28.96 dBV/m

GSM 850 ANT 2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 21.33 V/m; Power Drift = -0.11 dB

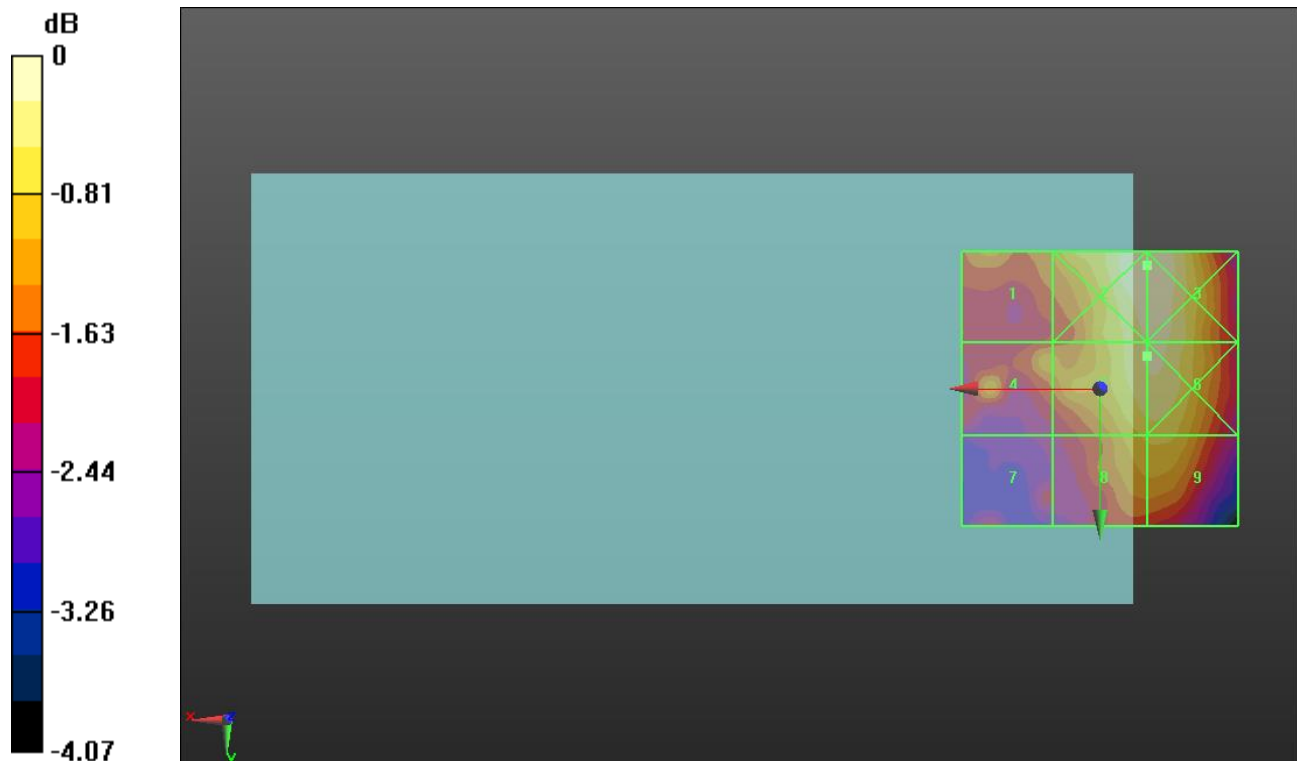
Applied MIF = 3.63 dB

RF audio interference level = 27.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.77 dBV/m	Grid 2 M4 27.99 dBV/m	Grid 3 M4 27.99 dBV/m
Grid 4 M4 26.84 dBV/m	Grid 5 M4 27.76 dBV/m	Grid 6 M4 27.79 dBV/m
Grid 7 M4 26.01 dBV/m	Grid 8 M4 27.25 dBV/m	Grid 9 M4 27.28 dBV/m



0 dB = 25.10 V/m = 27.99 dBV/m

GSM 1900 ANT 2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 17.69 V/m; Power Drift = -0.10 dB

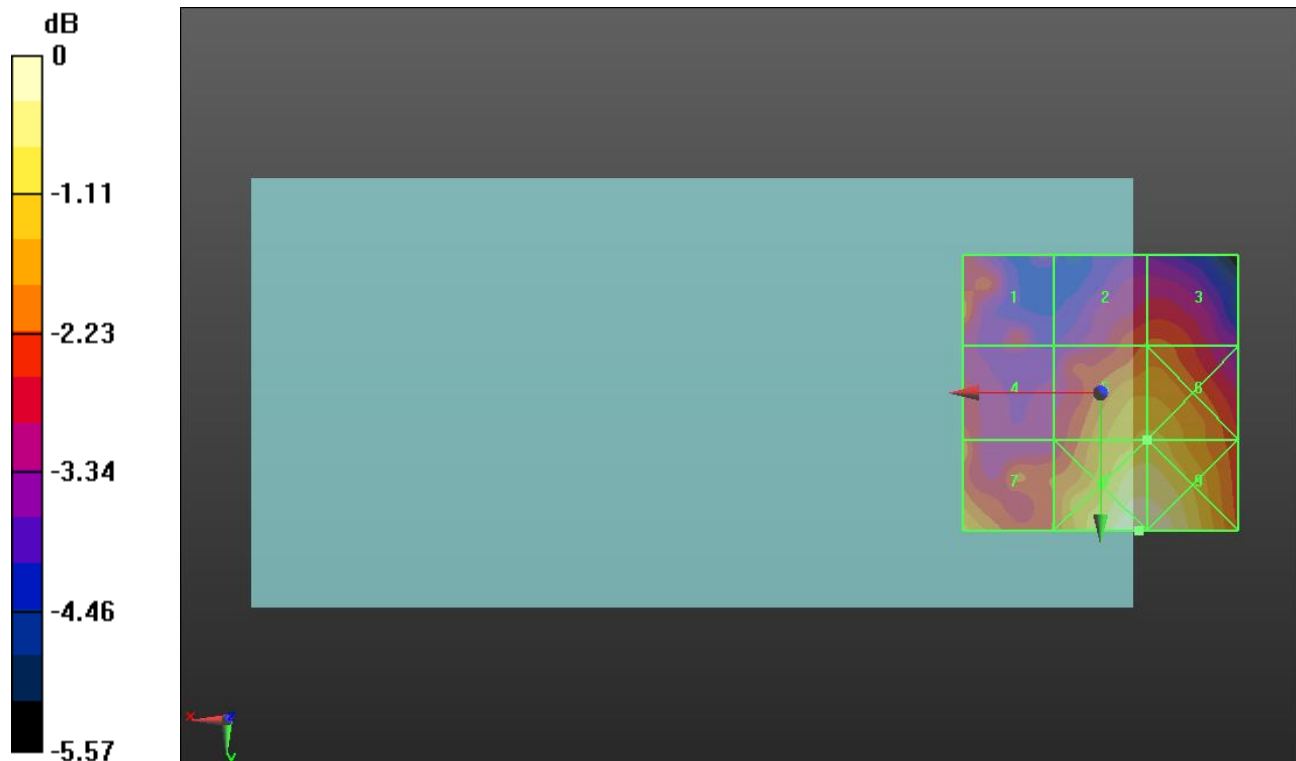
Applied MIF = 3.63 dB

RF audio interference level = 27.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.33 dBV/m	Grid 2 M4 26.04 dBV/m	Grid 3 M4 26.09 dBV/m
Grid 4 M4 26.19 dBV/m	Grid 5 M4 27.22 dBV/m	Grid 6 M4 27.23 dBV/m
Grid 7 M4 26.96 dBV/m	Grid 8 M4 28.19 dBV/m	Grid 9 M4 28.17 dBV/m



0 dB = 25.69 V/m = 28.20 dBV/m

GSM 1900 ANT 2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 15.82 V/m; Power Drift = -0.13 dB

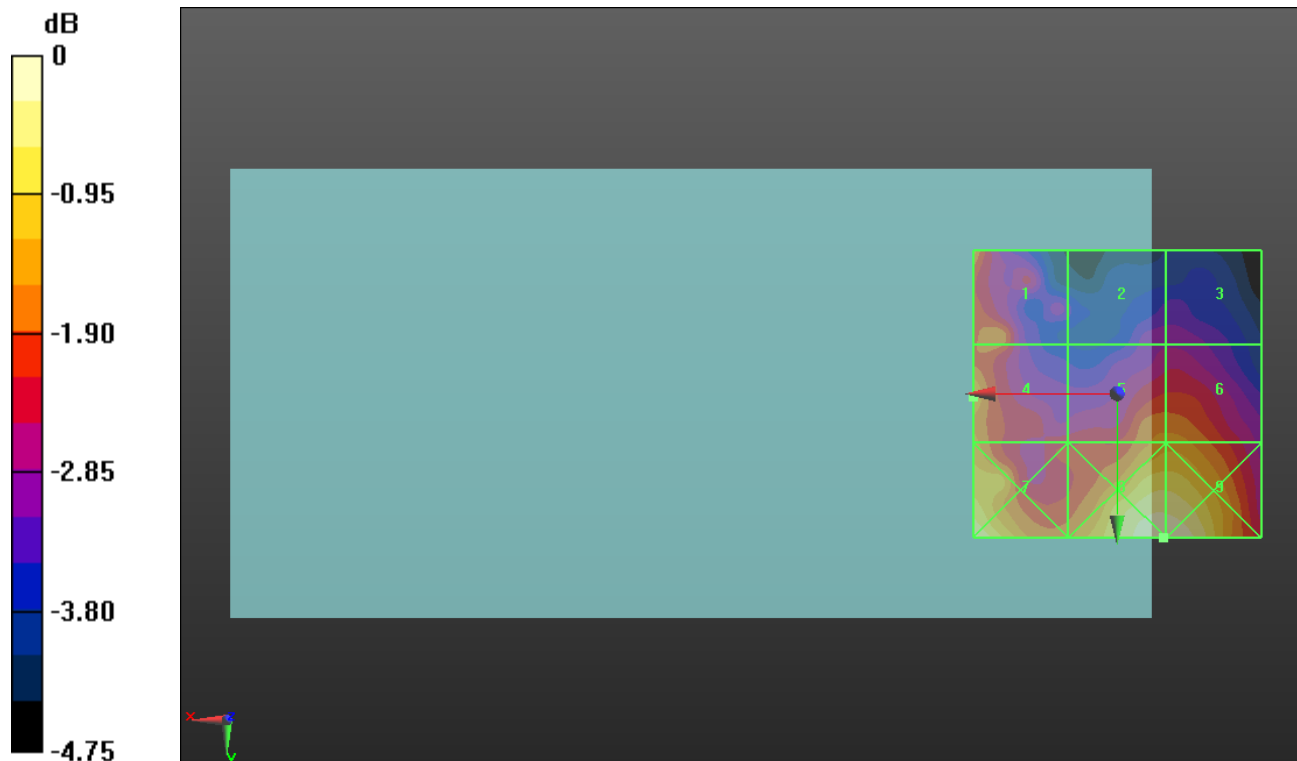
Applied MIF = 3.63 dB

RF audio interference level = 27.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.89 dBV/m	Grid 2 M4 25.33 dBV/m	Grid 3 M4 25.33 dBV/m
Grid 4 M4 27.08 dBV/m	Grid 5 M4 26.8 dBV/m	Grid 6 M4 26.8 dBV/m
Grid 7 M4 28.1 dBV/m	Grid 8 M4 28.21 dBV/m	Grid 9 M4 28.21 dBV/m



0 dB = 25.74 V/m = 28.21 dBV/m

GSM 1900 ANT 2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 16.27 V/m; Power Drift = 0.01 dB

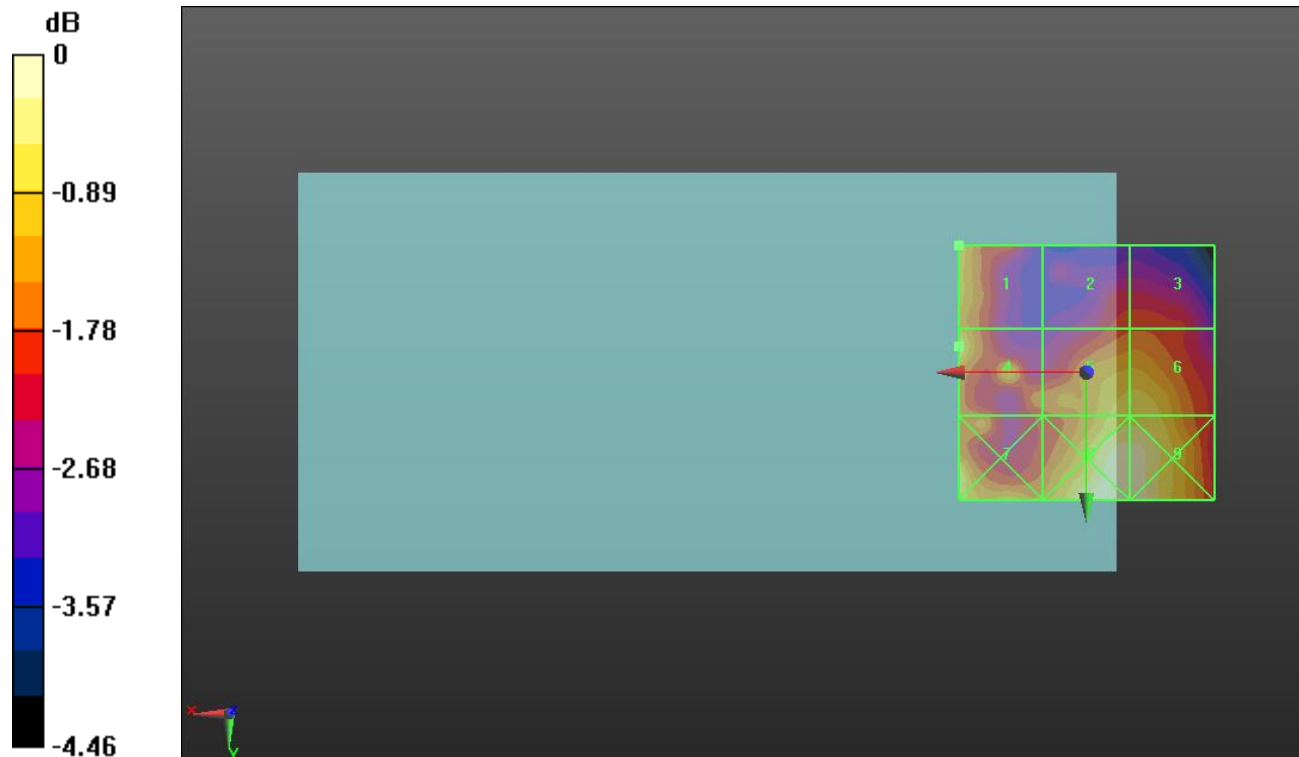
Applied MIF = 3.63 dB

RF audio interference level = 26.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.13 dBV/m	Grid 2 M4 25.08 dBV/m	Grid 3 M4 25.1 dBV/m
Grid 4 M4 26.56 dBV/m	Grid 5 M4 26.23 dBV/m	Grid 6 M4 26.23 dBV/m
Grid 7 M4 26.6 dBV/m	Grid 8 M4 26.89 dBV/m	Grid 9 M4 26.88 dBV/m



0 dB = 22.12 V/m = 26.90 dBV/m

CDMA2000 BC0 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

1013/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 = 40.72 V/m; Power Drift = -0.06 dB

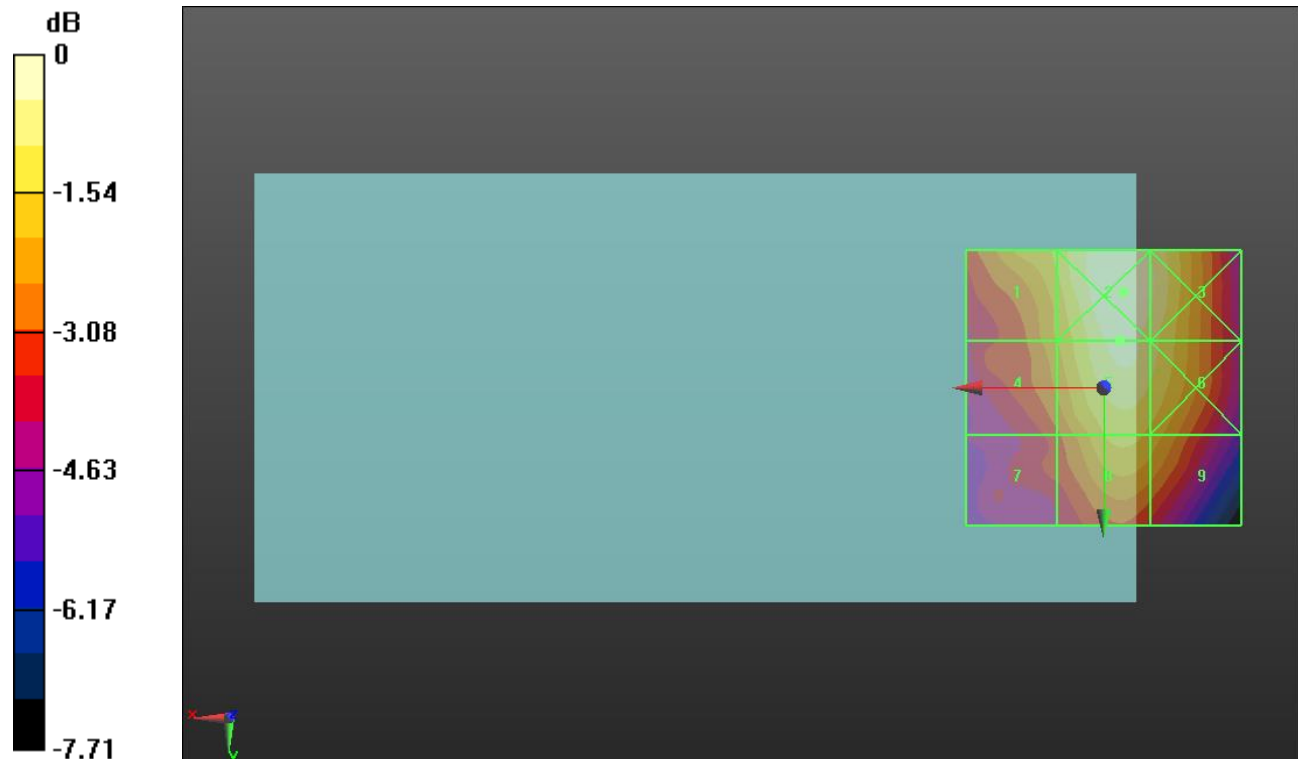
Applied MIF = 3.26 dB

RF audio interference level = 31.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.42 dBV/m	Grid 2 M4 31.79 dBV/m	Grid 3 M4 31.37 dBV/m
Grid 4 M4 29.74 dBV/m	Grid 5 M4 31.45 dBV/m	Grid 6 M4 31.01 dBV/m
Grid 7 M4 28.59 dBV/m	Grid 8 M4 30.45 dBV/m	Grid 9 M4 30.09 dBV/m



0 dB = 38.87 V/m = 31.79 dBV/m

CDMA2000 BC0 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

384/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 = 42.21 V/m; Power Drift = -0.01 dB

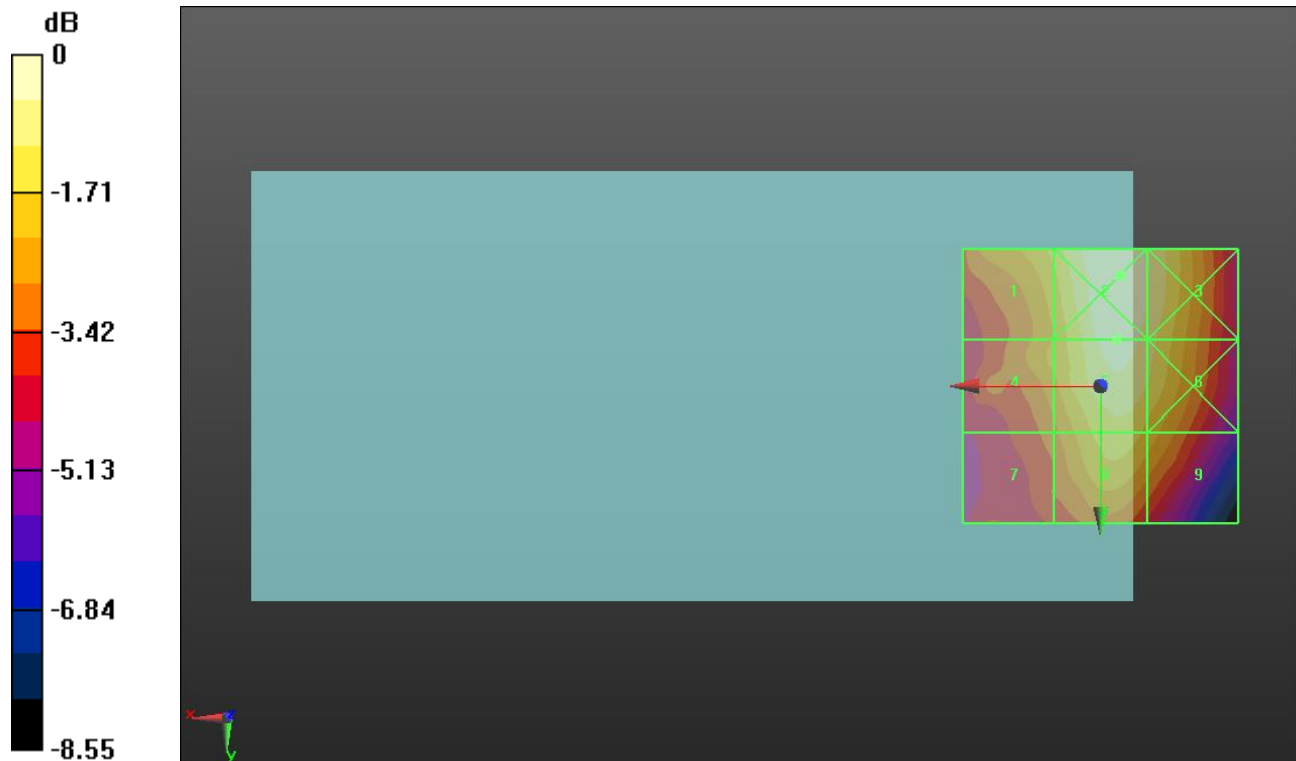
Applied MIF = 3.26 dB

RF audio interference level = 31.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.54 dBV/m	Grid 2 M4 32.02 dBV/m	Grid 3 M4 31.51 dBV/m
Grid 4 M4 29.93 dBV/m	Grid 5 M4 31.74 dBV/m	Grid 6 M4 31.18 dBV/m
Grid 7 M4 29 dBV/m	Grid 8 M4 30.67 dBV/m	Grid 9 M4 30.13 dBV/m



0 dB = 39.89 V/m = 32.02 dBV/m

CDMA2000 BC0 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

777/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 = 43.37 V/m; Power Drift = -0.03 dB

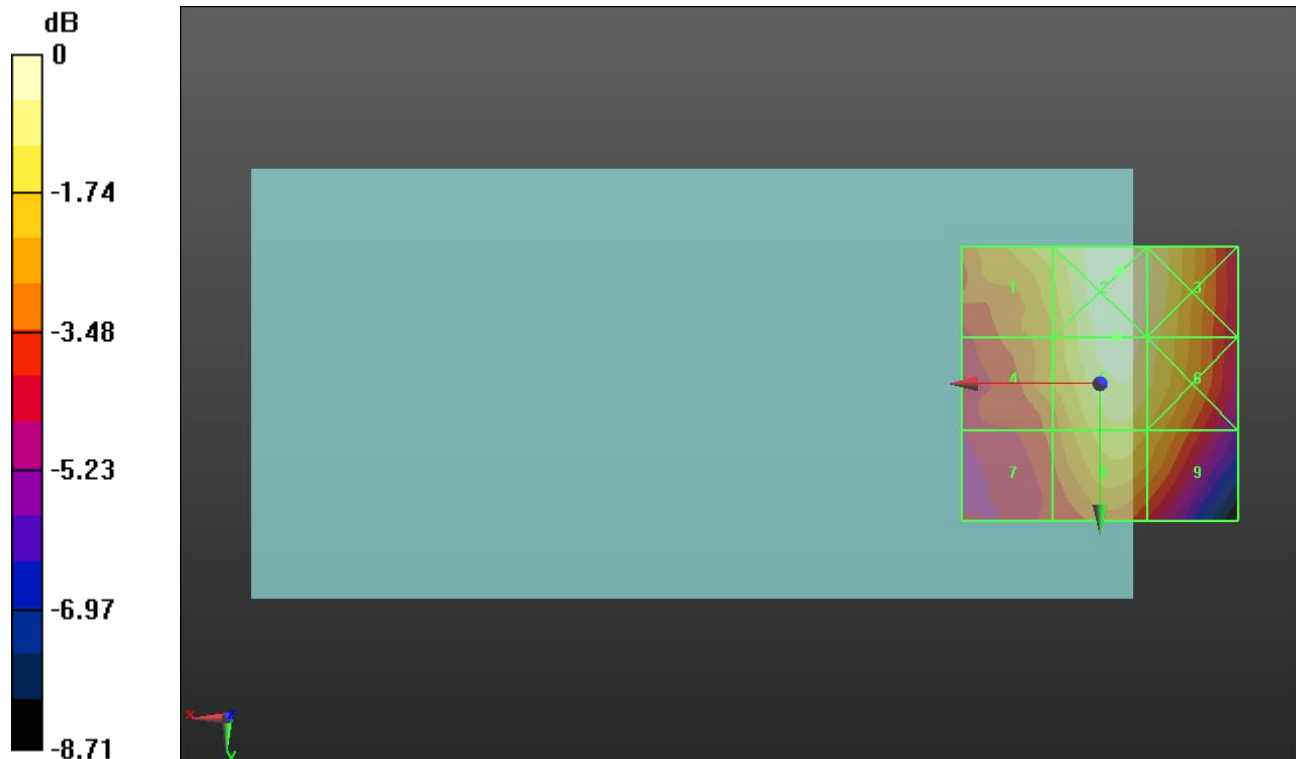
Applied MIF = 3.26 dB

RF audio interference level = 31.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.84 dBV/m	Grid 2 M4 31.99 dBV/m	Grid 3 M4 31.55 dBV/m
Grid 4 M4 29.79 dBV/m	Grid 5 M4 31.72 dBV/m	Grid 6 M4 31.24 dBV/m
Grid 7 M4 28.81 dBV/m	Grid 8 M4 30.73 dBV/m	Grid 9 M4 30.28 dBV/m



0 dB = 39.76 V/m = 31.99 dBV/m

CDMA2000 BC1 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

25/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 = 14.24 V/m; Power Drift = -0.04 dB

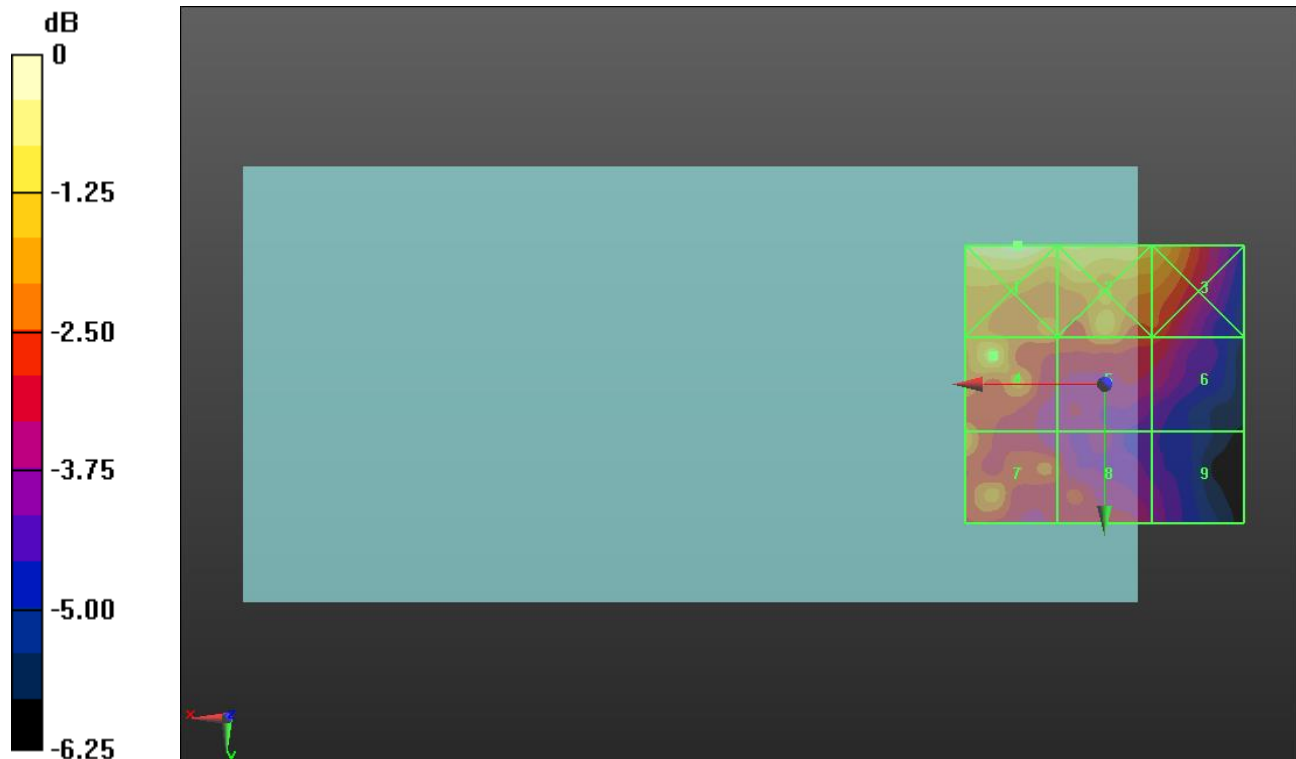
Applied MIF = 3.26 dB

RF audio interference level = 25.81 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.8 dBV/m	Grid 2 M4 26.1 dBV/m	Grid 3 M4 25.88 dBV/m
Grid 4 M4 25.81 dBV/m	Grid 5 M4 24.97 dBV/m	Grid 6 M4 24.1 dBV/m
Grid 7 M4 25.31 dBV/m	Grid 8 M4 24.07 dBV/m	Grid 9 M4 22.99 dBV/m



0 dB = 21.87 V/m = 26.80 dBV/m

CDMA2000 BC1 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

600/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 = 14.15 V/m; Power Drift = -0.04 dB

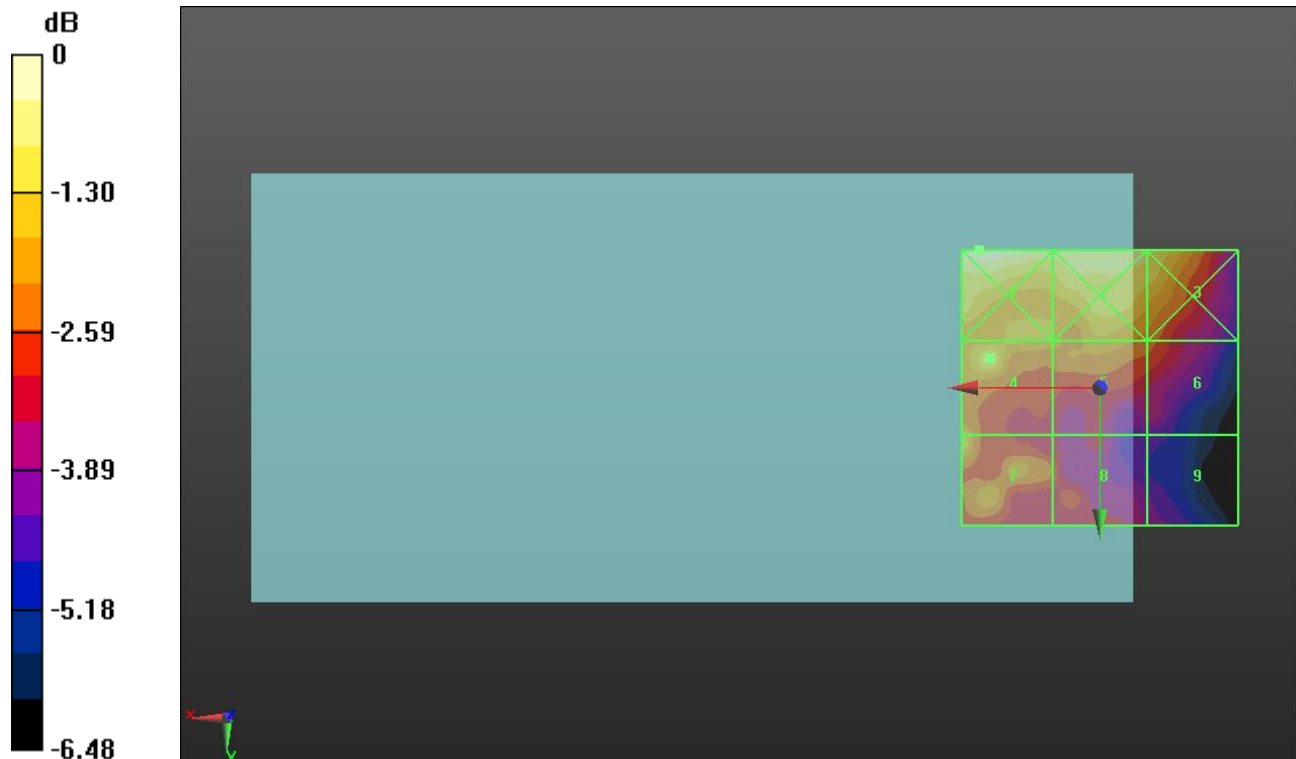
Applied MIF = 3.26 dB

RF audio interference level = 25.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.17 dBV/m	Grid 2 M4 25.75 dBV/m	Grid 3 M4 25.47 dBV/m
Grid 4 M4 25.26 dBV/m	Grid 5 M4 24.33 dBV/m	Grid 6 M4 23.82 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 23.49 dBV/m	Grid 9 M4 22.21 dBV/m



0 dB = 20.35 V/m = 26.17 dBV/m

CDMA2000 BC1 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

1175/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 = 14.69 V/m; Power Drift = -0.02 dB

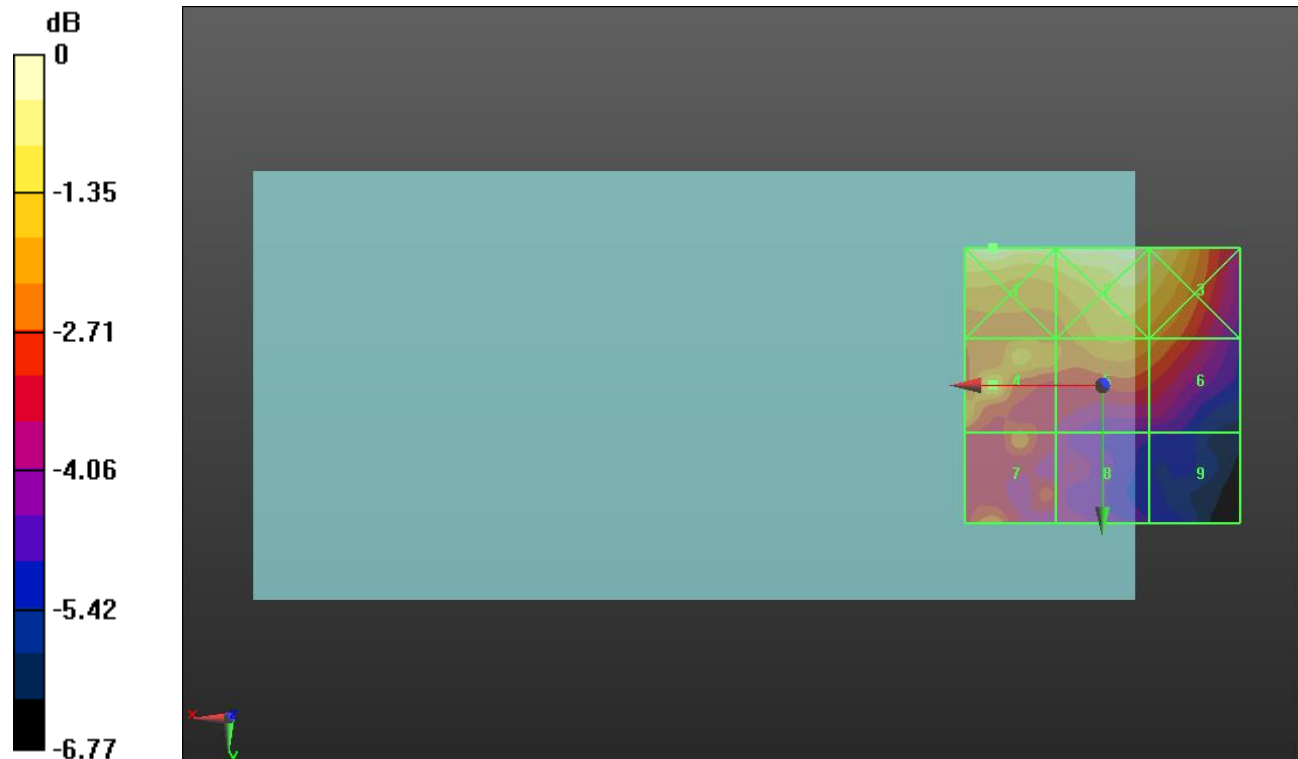
Applied MIF = 3.26 dB

RF audio interference level = 25.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.89 dBV/m	Grid 2 M4 26.69 dBV/m	Grid 3 M4 26.37 dBV/m
Grid 4 M4 25.64 dBV/m	Grid 5 M4 25.18 dBV/m	Grid 6 M4 24.85 dBV/m
Grid 7 M4 24.63 dBV/m	Grid 8 M4 23.59 dBV/m	Grid 9 M4 22.14 dBV/m



0 dB = 22.10 V/m = 26.89 dBV/m

CDMA2000 BC10 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

476/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 = 38.14 V/m; Power Drift = 0.05 dB

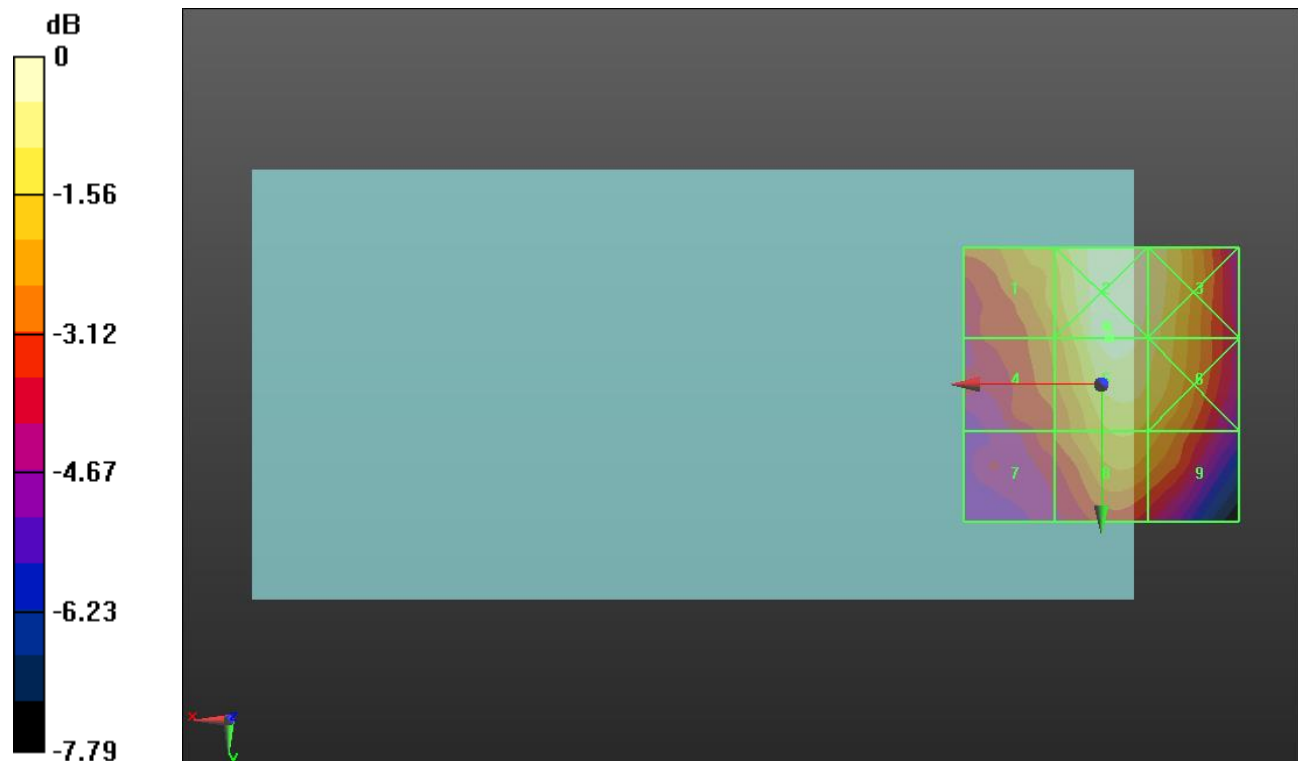
Applied MIF = 3.26 dB

RF audio interference level = 31.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.89 dBV/m	Grid 2 M4 31.37 dBV/m	Grid 3 M4 30.88 dBV/m
Grid 4 M4 29.02 dBV/m	Grid 5 M4 31.22 dBV/m	Grid 6 M4 30.63 dBV/m
Grid 7 M4 28.3 dBV/m	Grid 8 M4 29.9 dBV/m	Grid 9 M4 29.63 dBV/m



0 dB = 37.01 V/m = 31.37 dBV/m

CDMA2000 BC10 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

580/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 = 40.20 V/m; Power Drift = -0.08 dB

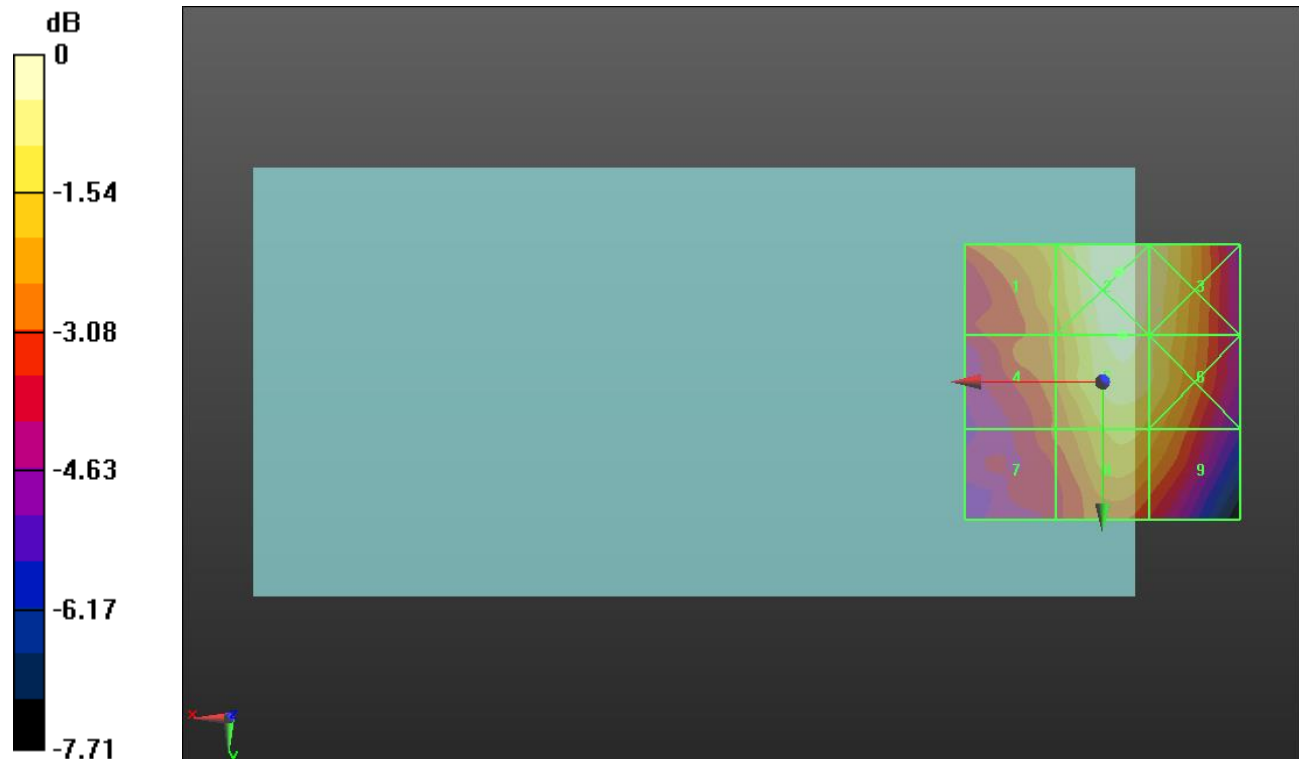
Applied MIF = 3.26 dB

RF audio interference level = 31.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.13 dBV/m	Grid 2 M4 31.72 dBV/m	Grid 3 M4 31.27 dBV/m
Grid 4 M4 29.38 dBV/m	Grid 5 M4 31.43 dBV/m	Grid 6 M4 31 dBV/m
Grid 7 M4 28.76 dBV/m	Grid 8 M4 30.39 dBV/m	Grid 9 M4 30.03 dBV/m



0 dB = 38.56 V/m = 31.72 dBV/m

CDMA2000 BC10 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.746

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 823.1 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch.

684/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 = 39.53 V/m; Power Drift = 0.02 dB

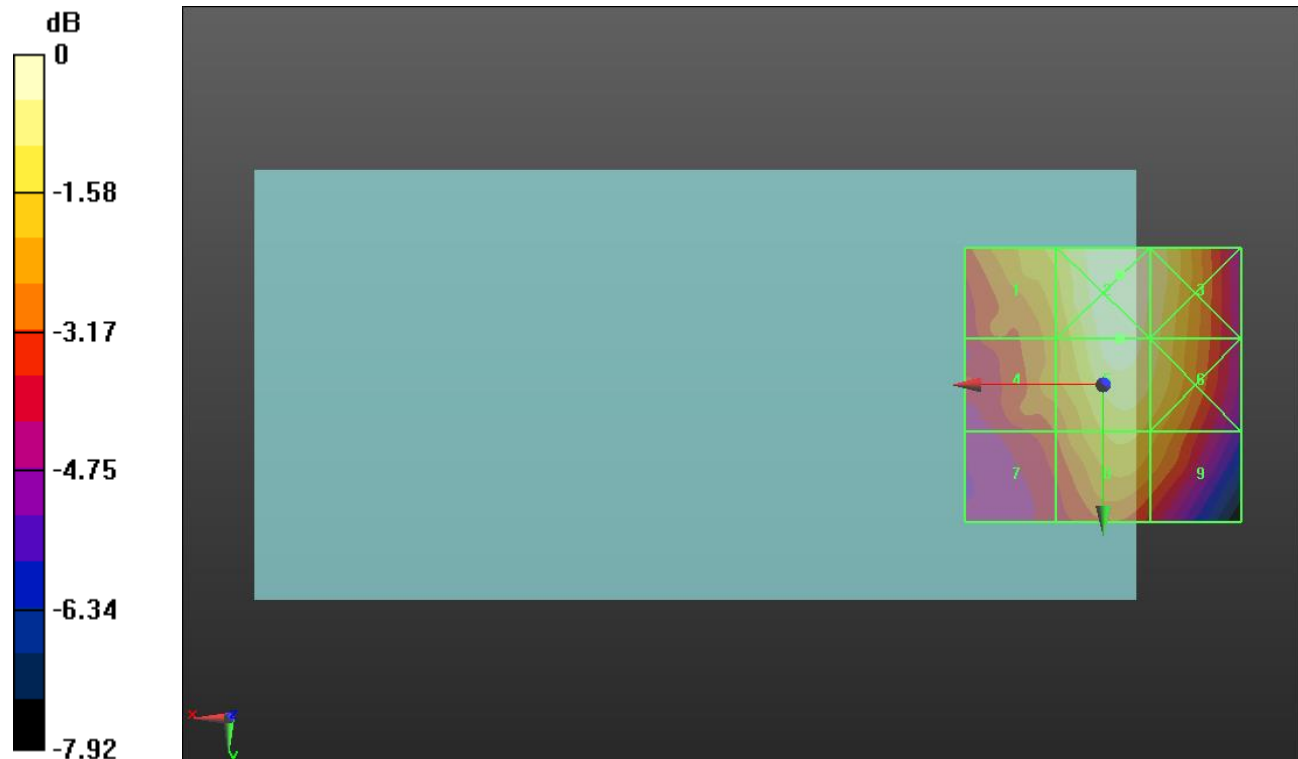
Applied MIF = 3.26 dB

RF audio interference level = 31.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.24 dBV/m	Grid 2 M4 31.54 dBV/m	Grid 3 M4 31.09 dBV/m
Grid 4 M4 29.38 dBV/m	Grid 5 M4 31.3 dBV/m	Grid 6 M4 30.8 dBV/m
Grid 7 M4 28.44 dBV/m	Grid 8 M4 30.16 dBV/m	Grid 9 M4 29.74 dBV/m



0 dB = 37.75 V/m = 31.54 dBV/m

LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 51.72 V/m; Power Drift = -0.05 dB

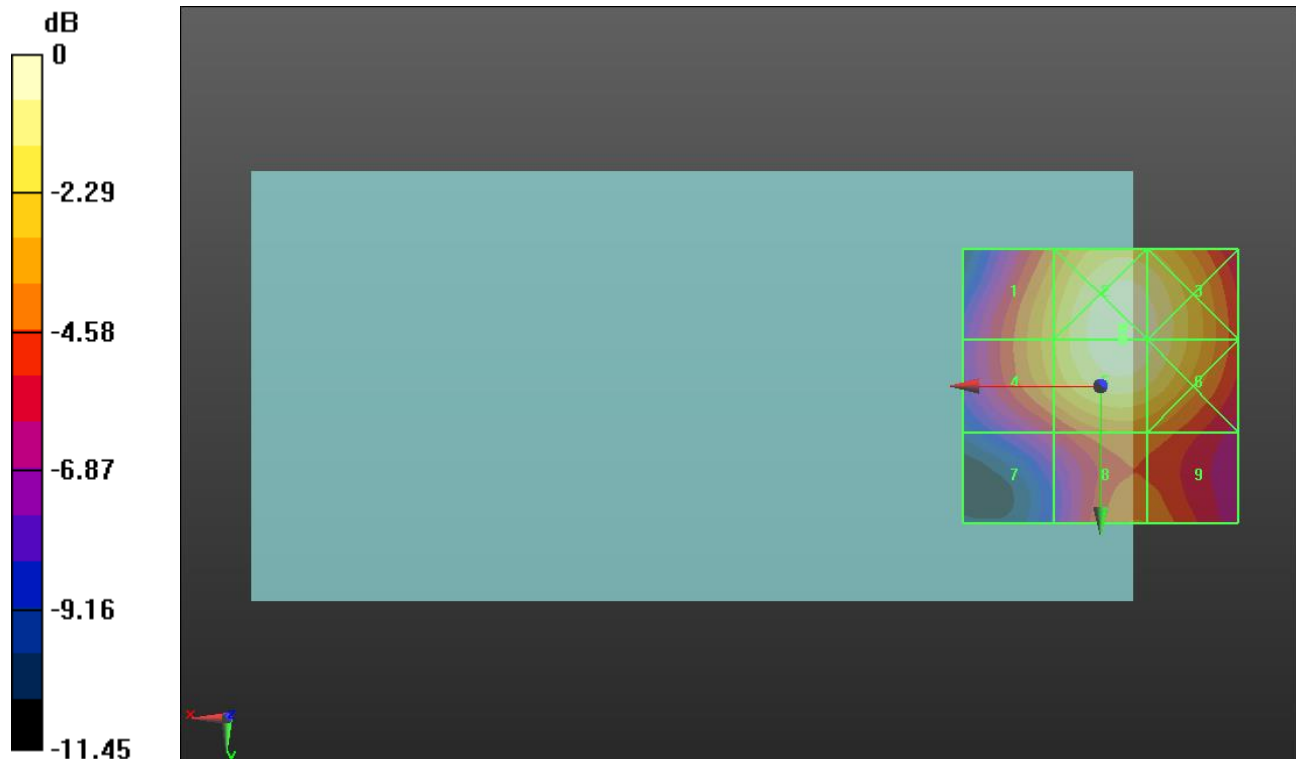
Applied MIF = -1.44 dB

RF audio interference level = 30.10 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.76 dBV/m	Grid 2 M3 30.14 dBV/m	Grid 3 M4 29.73 dBV/m
Grid 4 M4 27.76 dBV/m	Grid 5 M3 30.1 dBV/m	Grid 6 M4 29.67 dBV/m
Grid 7 M4 24.39 dBV/m	Grid 8 M4 26.42 dBV/m	Grid 9 M4 26.29 dBV/m



0 dB = 32.13 V/m = 30.14 dBV/m

LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 48.09 V/m; Power Drift = -0.02 dB

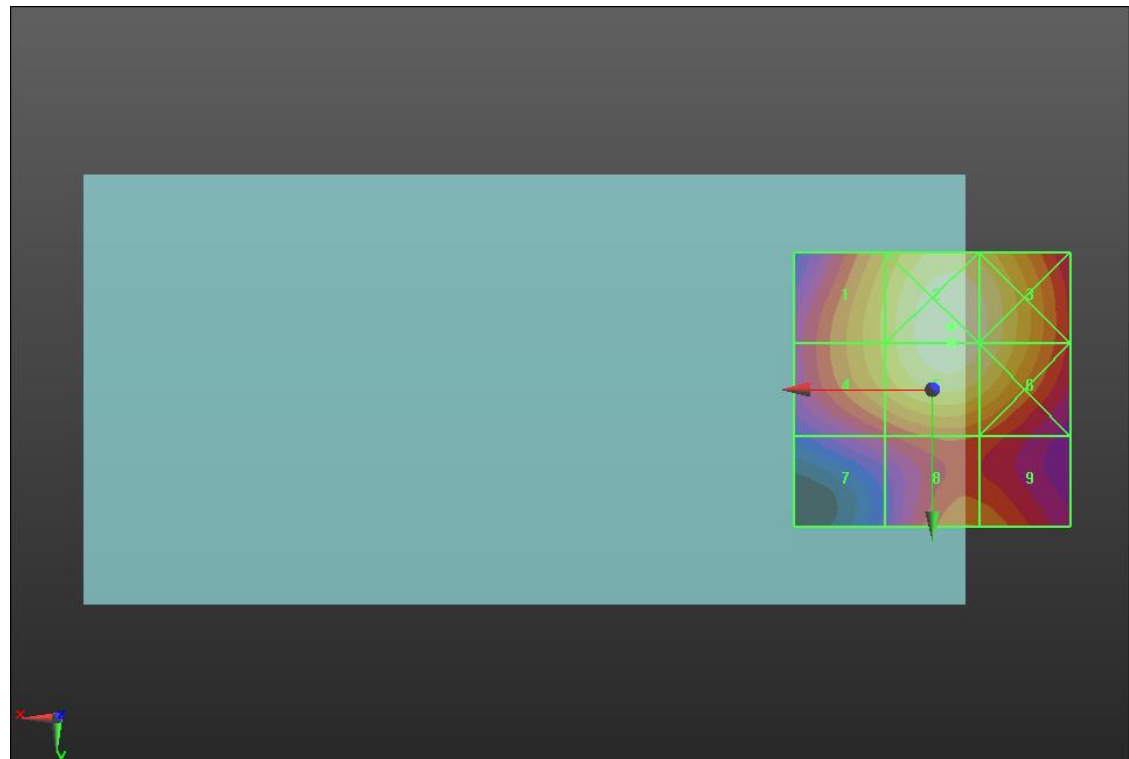
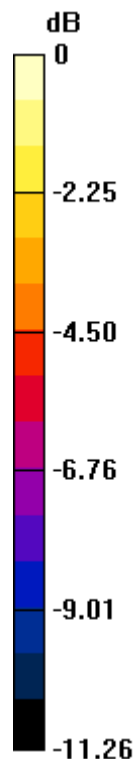
Applied MIF = -1.44 dB

RF audio interference level = 29.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.63 dBV/m	Grid 2 M4 29.62 dBV/m	Grid 3 M4 29.15 dBV/m
Grid 4 M4 27.6 dBV/m	Grid 5 M4 29.51 dBV/m	Grid 6 M4 29.01 dBV/m
Grid 7 M4 24.07 dBV/m	Grid 8 M4 25.98 dBV/m	Grid 9 M4 25.87 dBV/m



0 dB = 30.26 V/m = 29.62 dBV/m

LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 44.64 V/m; Power Drift = 0.01 dB

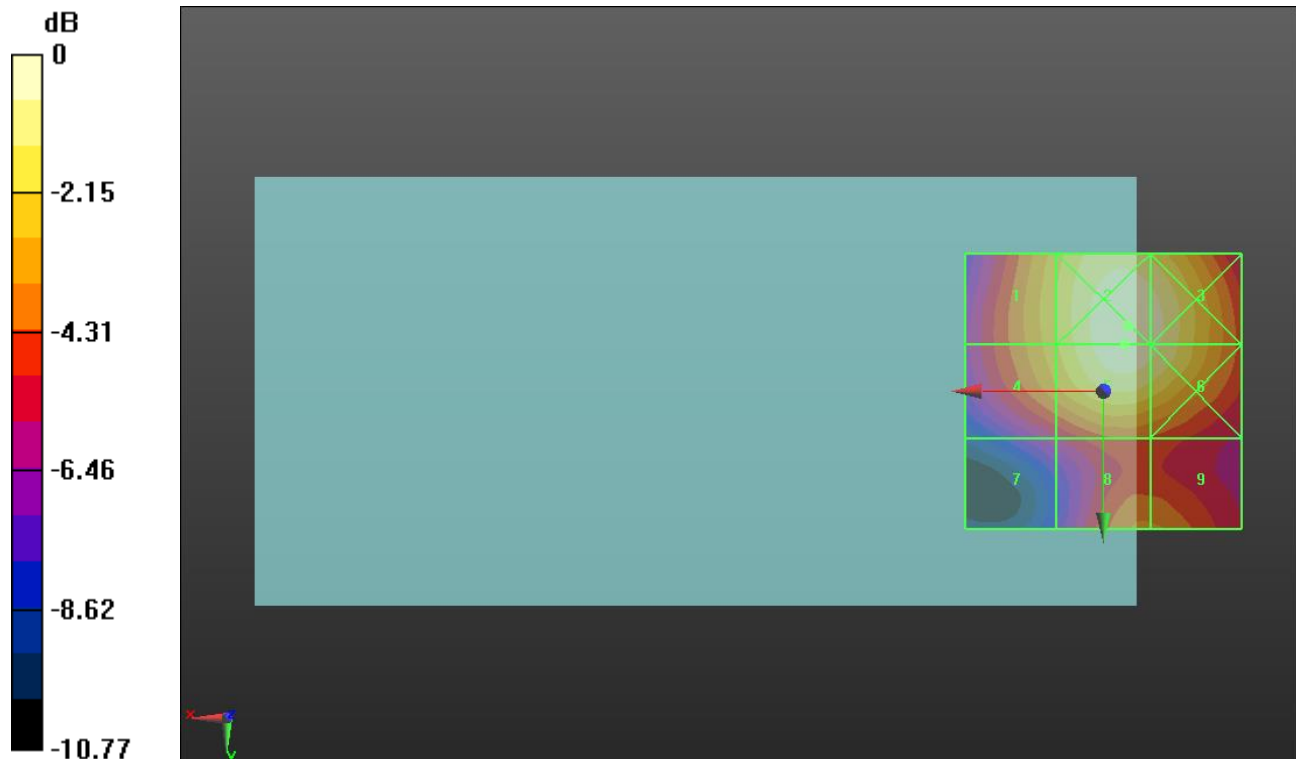
Applied MIF = -1.44 dB

RF audio interference level = 29.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.11 dBV/m	Grid 2 M4 29.2 dBV/m	Grid 3 M4 28.9 dBV/m
Grid 4 M4 26.97 dBV/m	Grid 5 M4 29.08 dBV/m	Grid 6 M4 28.78 dBV/m
Grid 7 M4 23.39 dBV/m	Grid 8 M4 25.82 dBV/m	Grid 9 M4 25.77 dBV/m



0 dB = 28.85 V/m = 29.20 dBV/m

LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 39.26 V/m; Power Drift = 0.02 dB

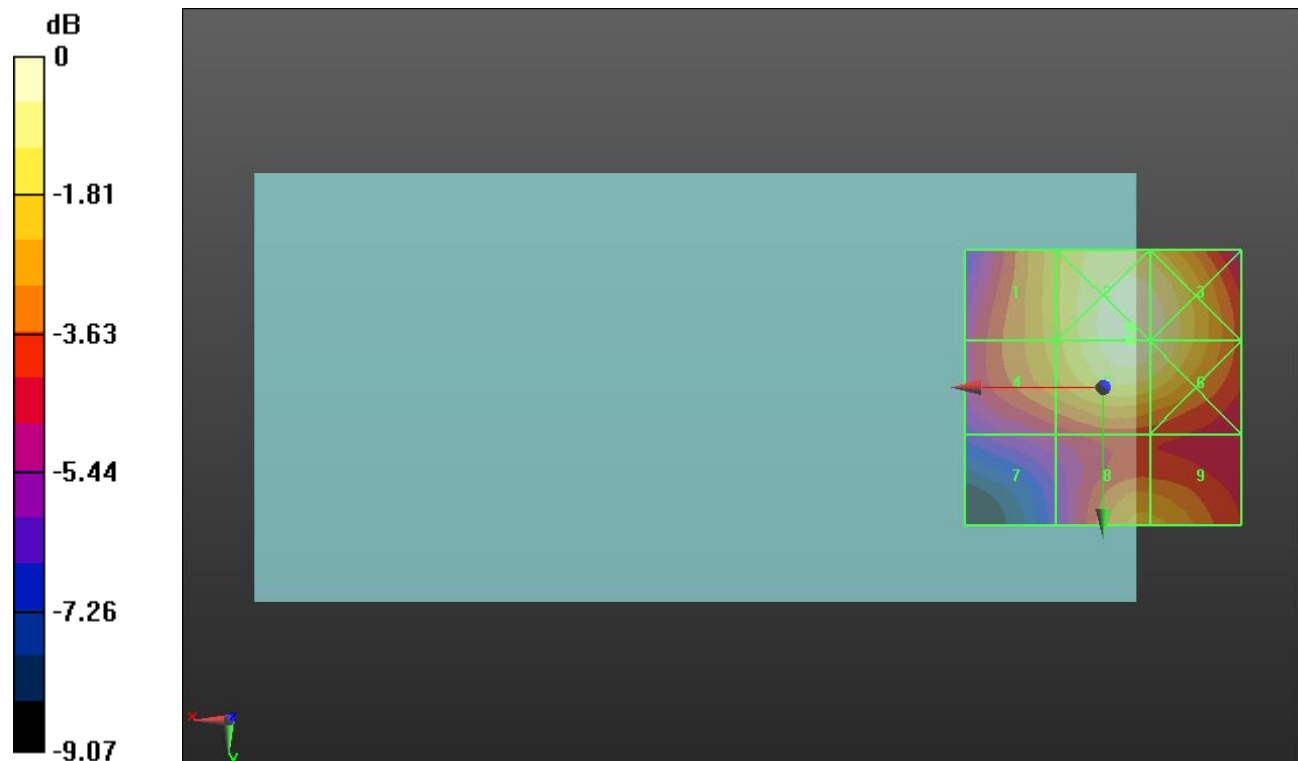
Applied MIF = -1.44 dB

RF audio interference level = 28.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.24 dBV/m	Grid 2 M4 28.16 dBV/m	Grid 3 M4 27.94 dBV/m
Grid 4 M4 26.14 dBV/m	Grid 5 M4 28.08 dBV/m	Grid 6 M4 27.84 dBV/m
Grid 7 M4 23.55 dBV/m	Grid 8 M4 25.99 dBV/m	Grid 9 M4 25.95 dBV/m



0 dB = 25.60 V/m = 28.16 dBV/m

LTE Band 41 ANT 2

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 37.94 V/m; Power Drift = -0.02 dB

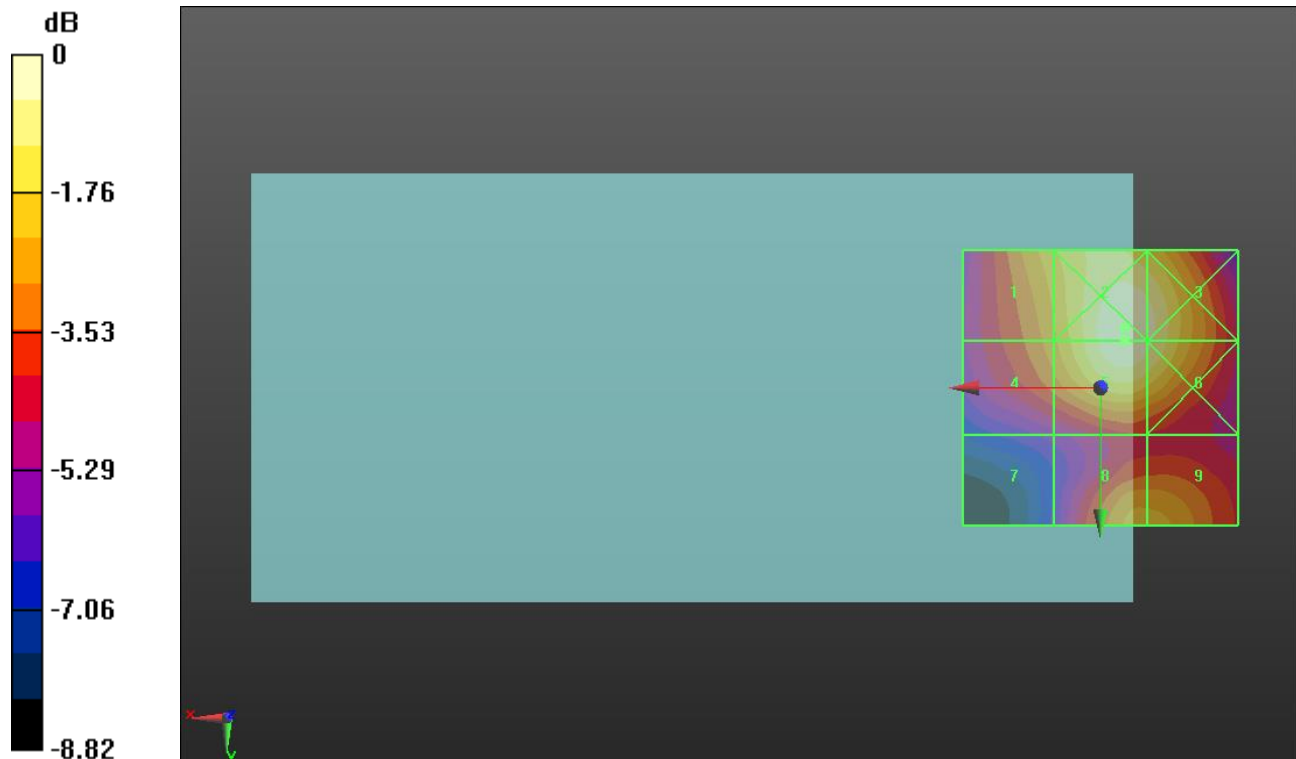
Applied MIF = -1.44 dB

RF audio interference level = 27.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26 dBV/m	Grid 2 M4 27.85 dBV/m	Grid 3 M4 27.51 dBV/m
Grid 4 M4 25.34 dBV/m	Grid 5 M4 27.78 dBV/m	Grid 6 M4 27.42 dBV/m
Grid 7 M4 22.33 dBV/m	Grid 8 M4 25.8 dBV/m	Grid 9 M4 25.75 dBV/m



0 dB = 24.68 V/m = 27.85 dBV/m

GSM 1900 ANT 3

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 17.50 V/m; Power Drift = 0.04 dB

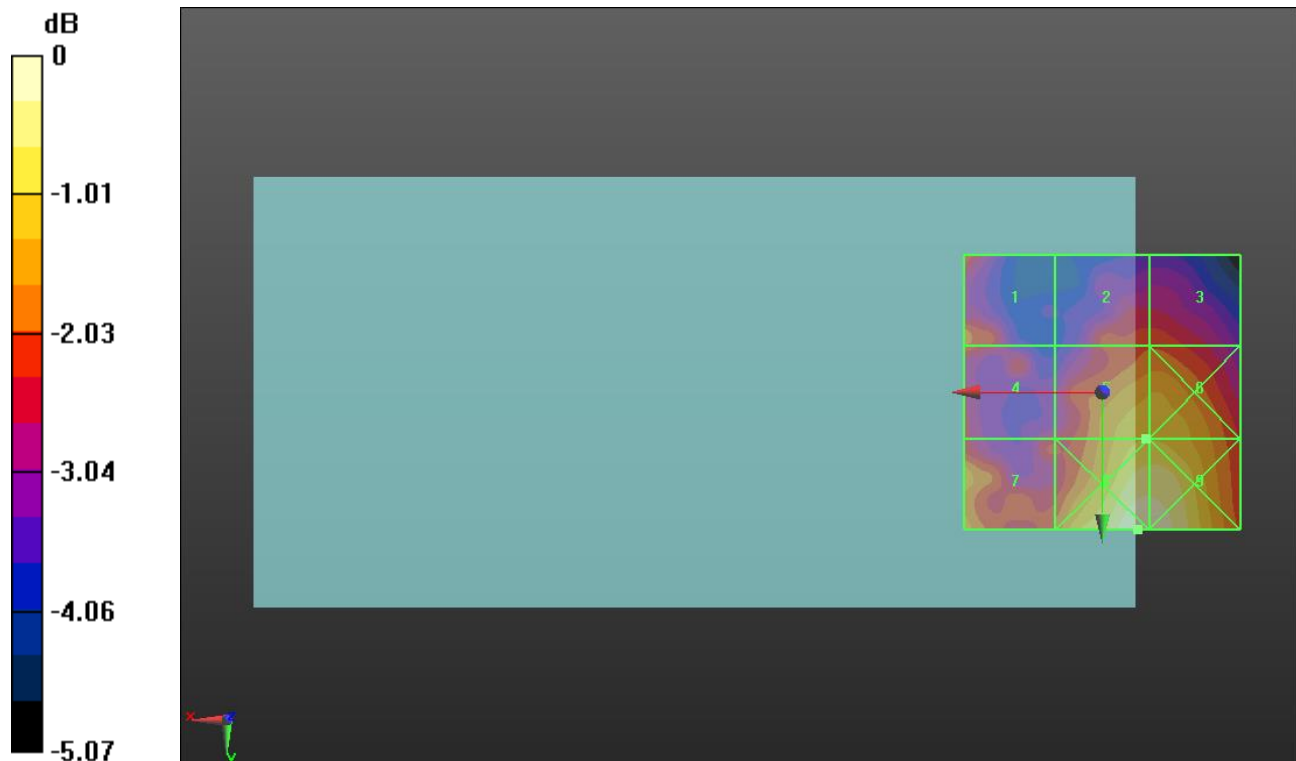
Applied MIF = 3.63 dB

RF audio interference level = 27.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.48 dBV/m	Grid 2 M4 26.21 dBV/m	Grid 3 M4 26.22 dBV/m
Grid 4 M4 26.33 dBV/m	Grid 5 M4 27.27 dBV/m	Grid 6 M4 27.27 dBV/m
Grid 7 M4 26.91 dBV/m	Grid 8 M4 28.29 dBV/m	Grid 9 M4 28.24 dBV/m



0 dB = 25.96 V/m = 28.29 dBV/m

GSM 1900 ANT 3

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 16.33 V/m; Power Drift = -0.12 dB

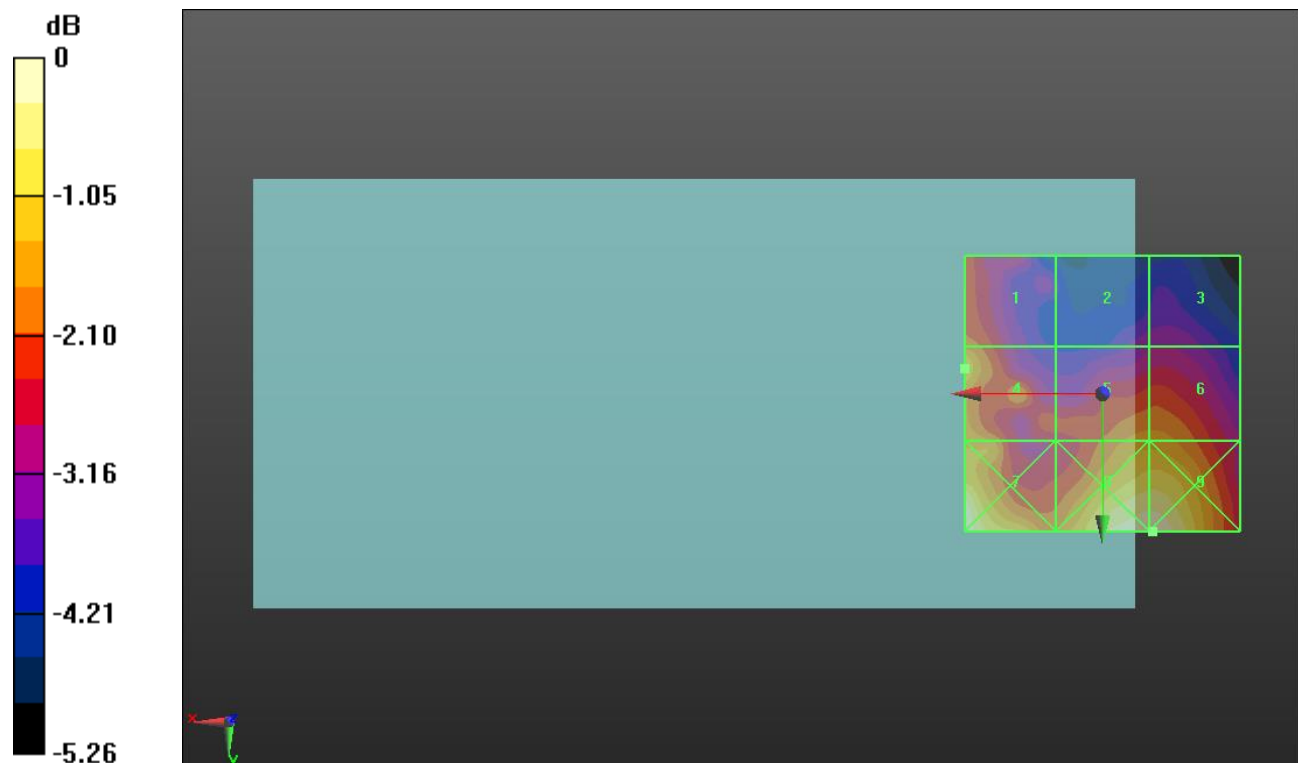
Applied MIF = 3.63 dB

RF audio interference level = 27.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.43 dBV/m	Grid 2 M4 25.02 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 27.27 dBV/m	Grid 5 M4 26.67 dBV/m	Grid 6 M4 26.67 dBV/m
Grid 7 M4 28.18 dBV/m	Grid 8 M4 28.22 dBV/m	Grid 9 M4 28.23 dBV/m



0 dB = 25.78 V/m = 28.23 dBV/m

GSM 1900 ANT 3

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 15.56 V/m; Power Drift = 0.15 dB

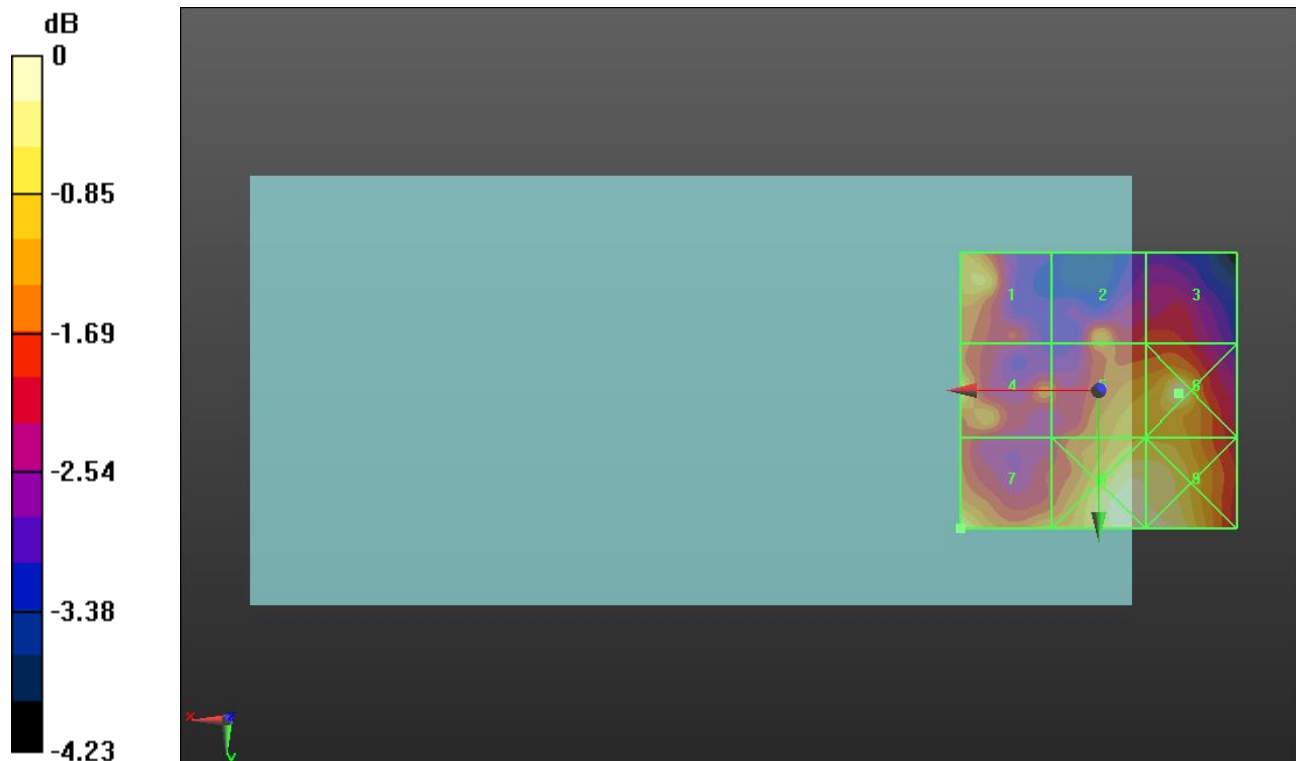
Applied MIF = 3.63 dB

RF audio interference level = 27.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.32 dBV/m	Grid 2 M4 25.98 dBV/m	Grid 3 M4 25.33 dBV/m
Grid 4 M4 26.59 dBV/m	Grid 5 M4 26.24 dBV/m	Grid 6 M4 27.1 dBV/m
Grid 7 M4 27.04 dBV/m	Grid 8 M4 27.05 dBV/m	Grid 9 M4 26.98 dBV/m



0 dB = 22.64 V/m = 27.10 dBV/m

LTE Band 41 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 12.30 V/m; Power Drift = 0.20 dB

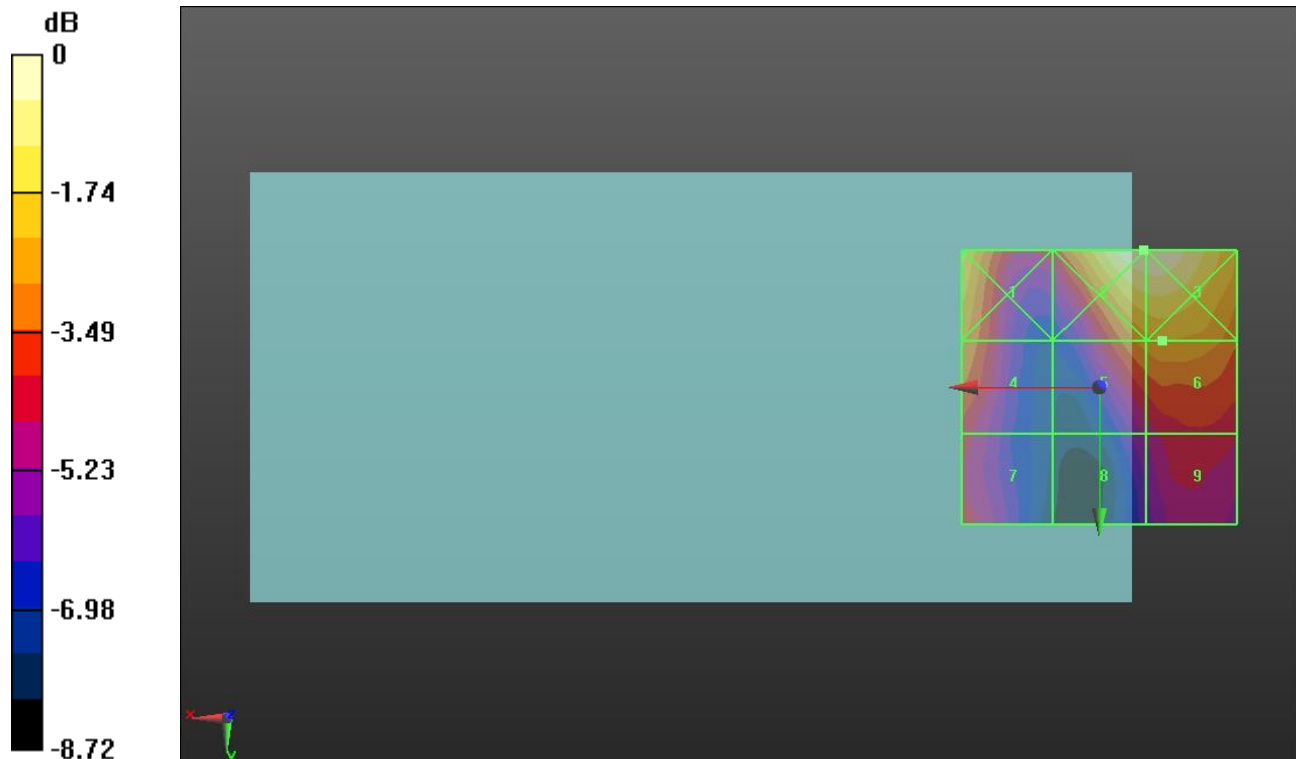
Applied MIF = -1.44 dB

RF audio interference level = 22.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.95 dBV/m	Grid 2 M4 24.36 dBV/m	Grid 3 M4 24.36 dBV/m
Grid 4 M4 21.6 dBV/m	Grid 5 M4 21.81 dBV/m	Grid 6 M4 22.06 dBV/m
Grid 7 M4 20.16 dBV/m	Grid 8 M4 19.3 dBV/m	Grid 9 M4 20.21 dBV/m



0 dB = 16.52 V/m = 24.36 dBV/m

LTE Band 41 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 12.42 V/m; Power Drift = 0.06 dB

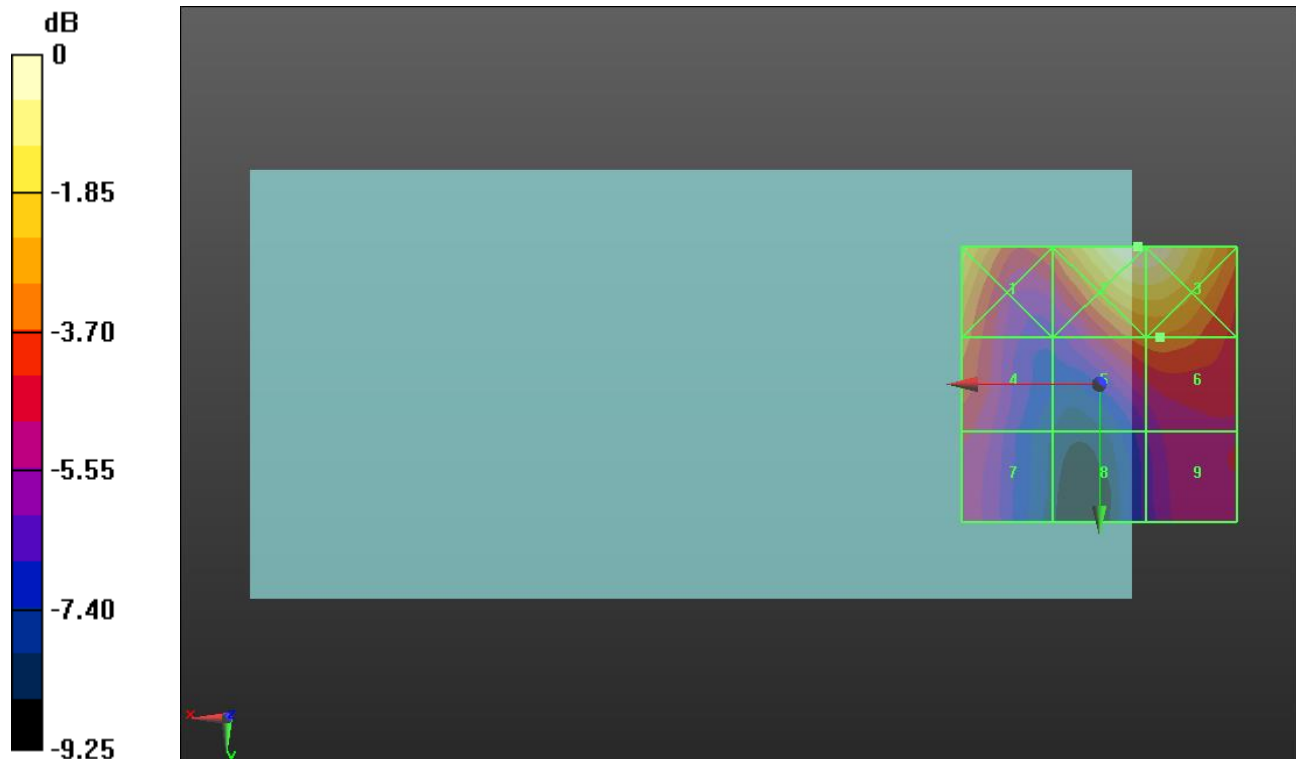
Applied MIF = -1.44 dB

RF audio interference level = 22.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.03 dBV/m	Grid 2 M4 25.4 dBV/m	Grid 3 M4 25.35 dBV/m
Grid 4 M4 22.1 dBV/m	Grid 5 M4 22.09 dBV/m	Grid 6 M4 22.2 dBV/m
Grid 7 M4 20.66 dBV/m	Grid 8 M4 19.29 dBV/m	Grid 9 M4 20.54 dBV/m



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

LTE Band 41 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 12.98 V/m; Power Drift = 0.18 dB

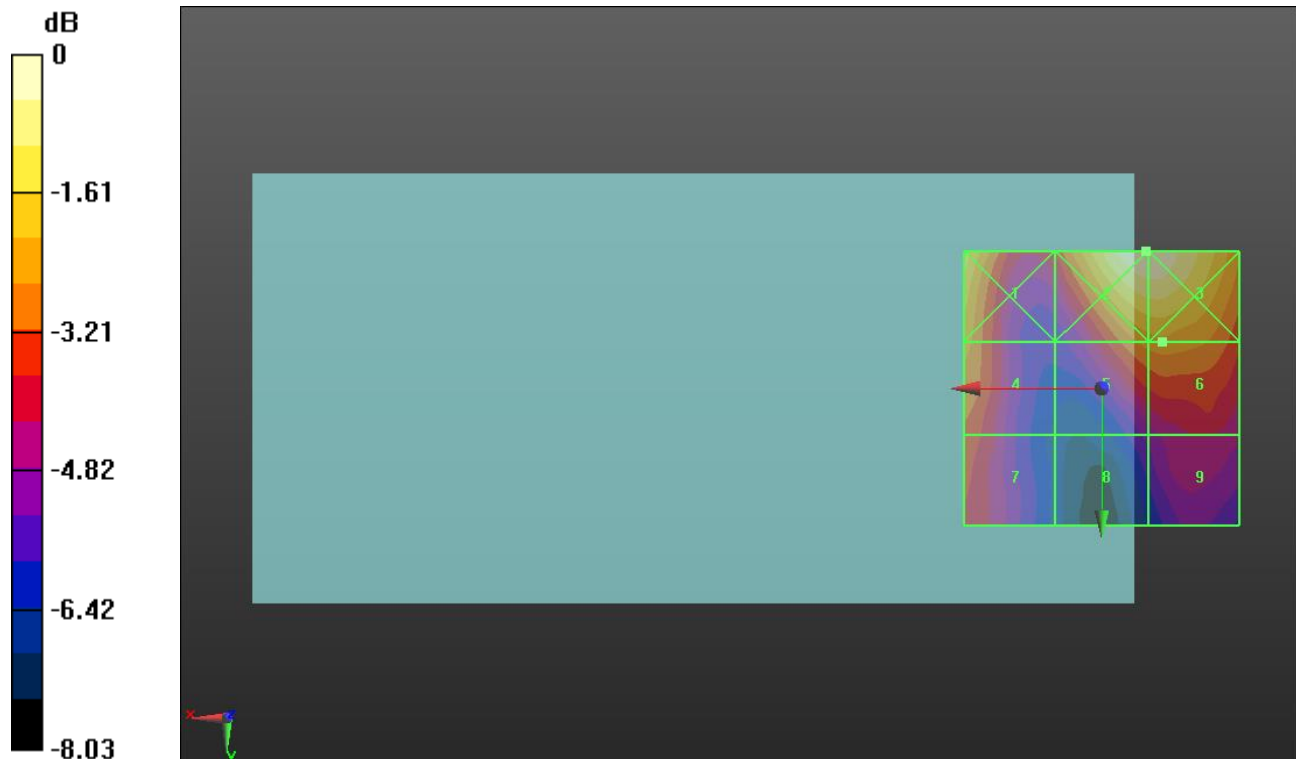
Applied MIF = -1.44 dB

RF audio interference level = 22.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.26 dBV/m	Grid 2 M4 24.38 dBV/m	Grid 3 M4 24.38 dBV/m
Grid 4 M4 22 dBV/m	Grid 5 M4 21.96 dBV/m	Grid 6 M4 22.09 dBV/m
Grid 7 M4 21 dBV/m	Grid 8 M4 19.29 dBV/m	Grid 9 M4 20.14 dBV/m



0 dB = 16.55 V/m = 24.38 dBV/m

LTE Band 41 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 14.26 V/m; Power Drift = 0.04 dB

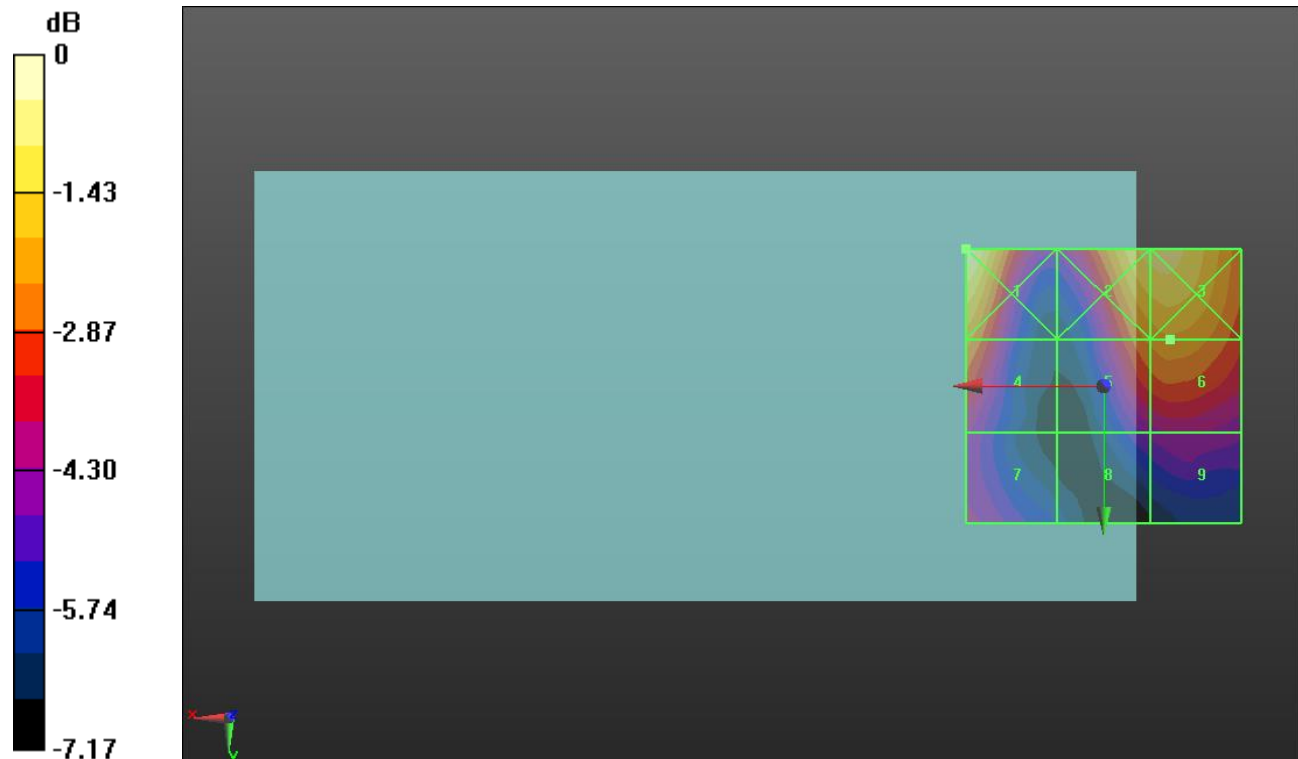
Applied MIF = -1.44 dB

RF audio interference level = 22.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.71 dBV/m	Grid 2 M4 23.96 dBV/m	Grid 3 M4 24.01 dBV/m
Grid 4 M4 22.55 dBV/m	Grid 5 M4 22.47 dBV/m	Grid 6 M4 22.72 dBV/m
Grid 7 M4 20.63 dBV/m	Grid 8 M4 20.14 dBV/m	Grid 9 M4 20.44 dBV/m



0 dB = 17.19 V/m = 24.71 dBV/m

LTE Band 41 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 15.21 V/m; Power Drift = 0.17 dB

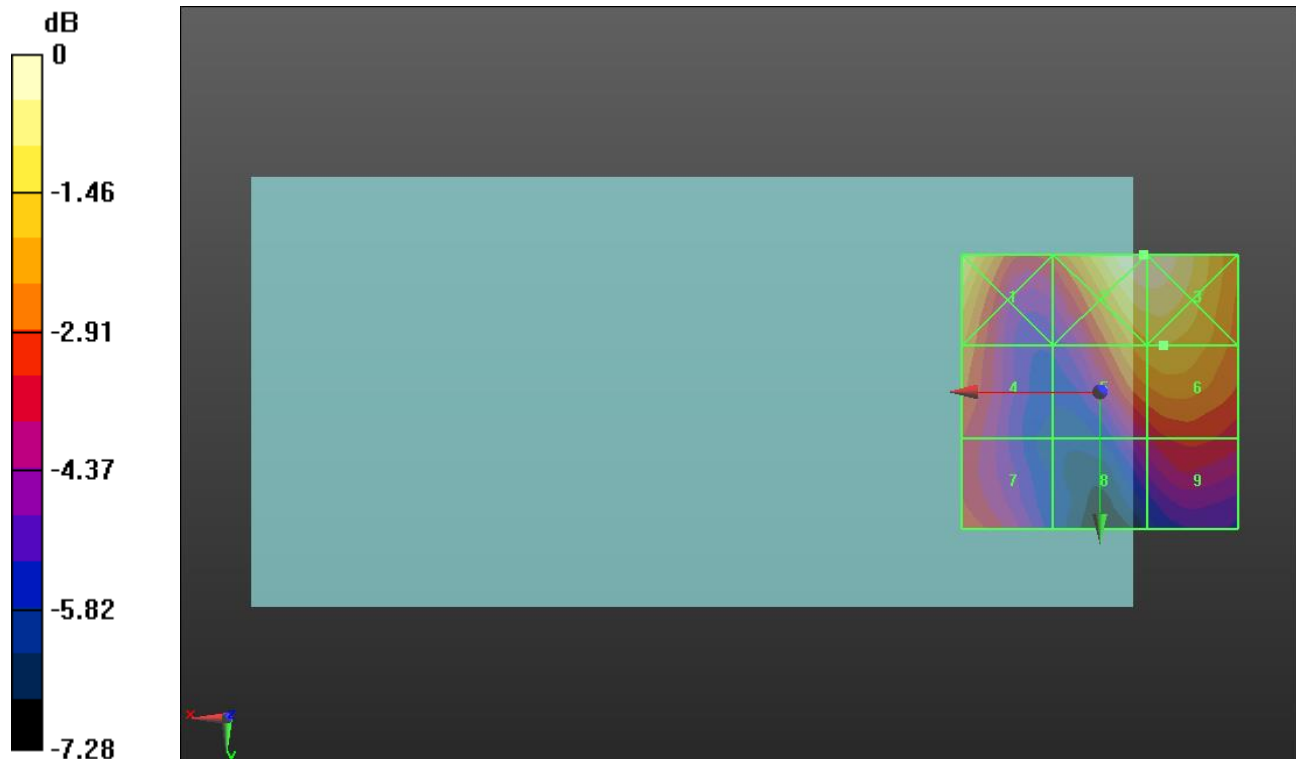
Applied MIF = -1.44 dB

RF audio interference level = 23.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.29 dBV/m	Grid 2 M4 24.93 dBV/m	Grid 3 M4 24.92 dBV/m
Grid 4 M4 22.57 dBV/m	Grid 5 M4 23.34 dBV/m	Grid 6 M4 23.49 dBV/m
Grid 7 M4 21.94 dBV/m	Grid 8 M4 21 dBV/m	Grid 9 M4 21.7 dBV/m



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

LTE Band 41 PC2 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 12.61 V/m; Power Drift = 0.20 dB

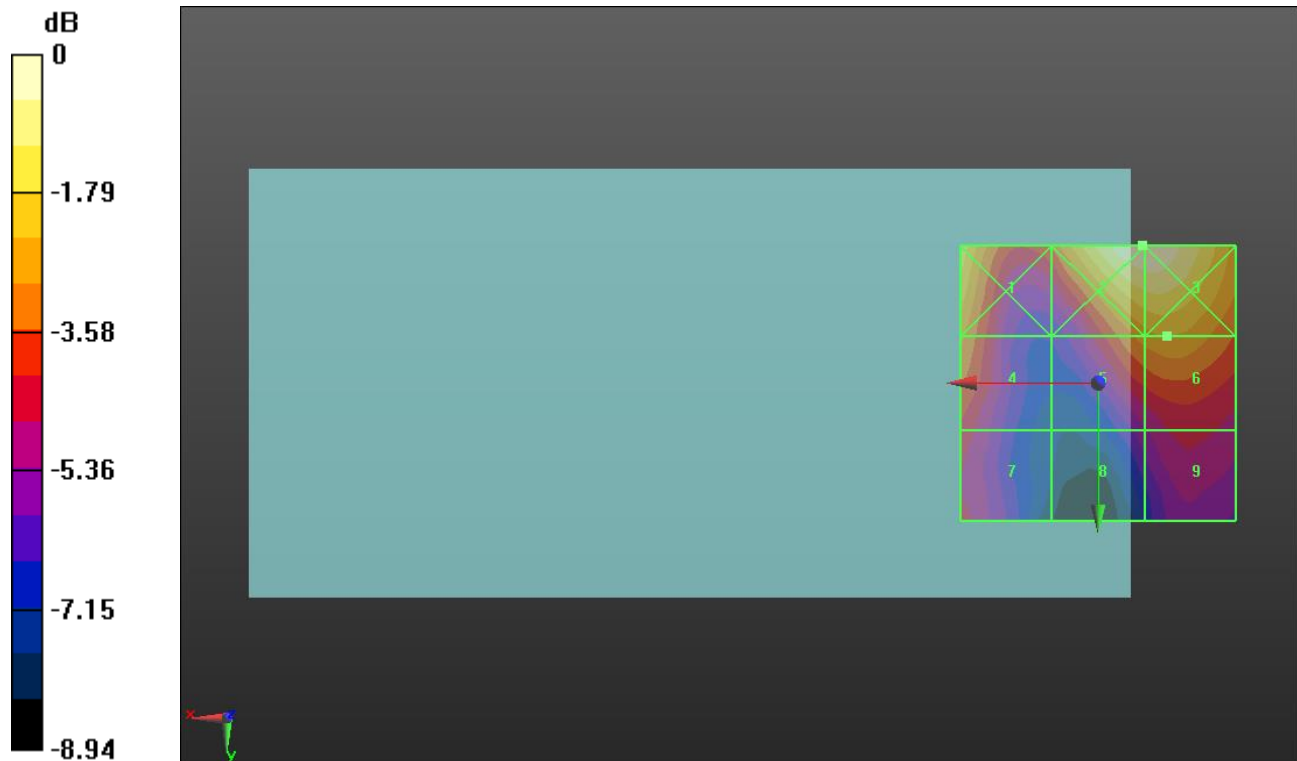
Applied MIF = -1.44 dB

RF audio interference level = 22.52 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.72 dBV/m	Grid 2 M4 24.91 dBV/m	Grid 3 M4 24.9 dBV/m
Grid 4 M4 22.1 dBV/m	Grid 5 M4 22.26 dBV/m	Grid 6 M4 22.52 dBV/m
Grid 7 M4 20.57 dBV/m	Grid 8 M4 19.5 dBV/m	Grid 9 M4 20.38 dBV/m



0 dB = 17.59 V/m = 24.91 dBV/m

LTE Band 41 PC2 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 17.00 V/m; Power Drift = -0.04 dB

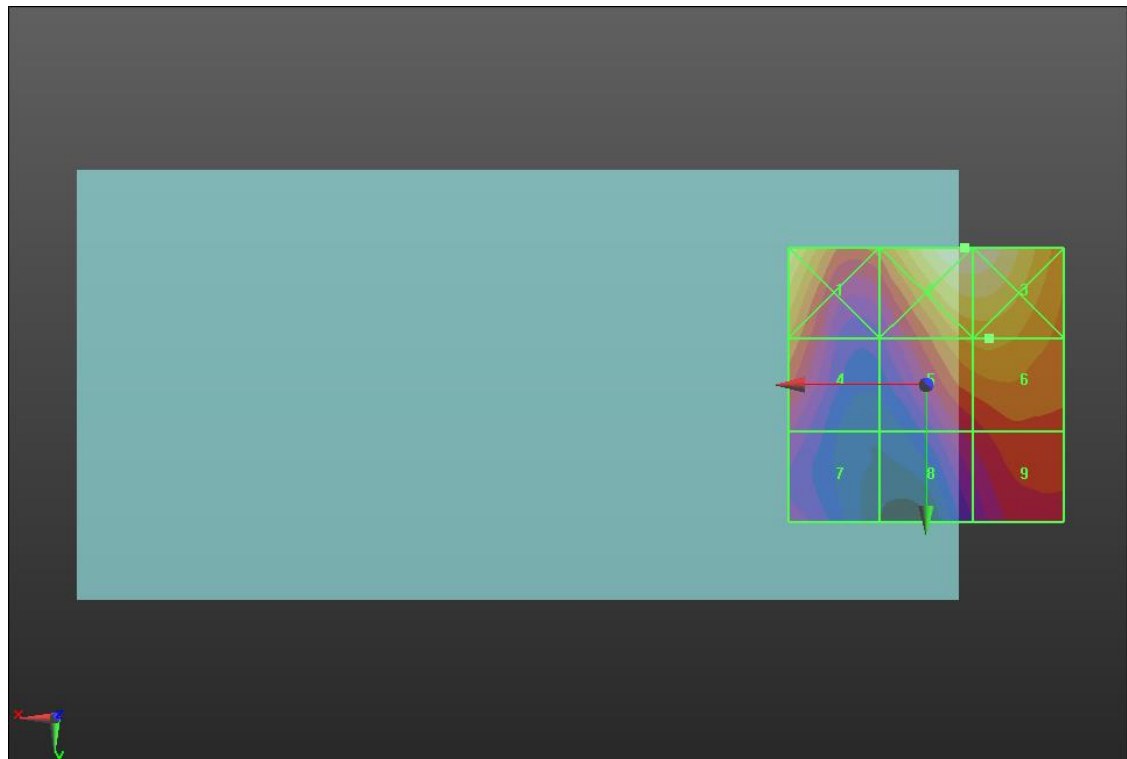
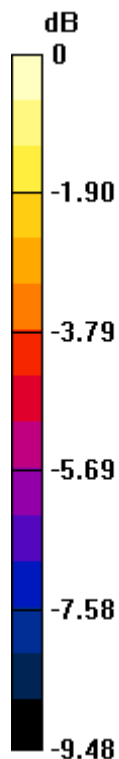
Applied MIF = -1.44 dB

RF audio interference level = 24.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.81 dBV/m	Grid 2 M4 26.5 dBV/m	Grid 3 M4 26.46 dBV/m
Grid 4 M4 23.37 dBV/m	Grid 5 M4 24.13 dBV/m	Grid 6 M4 24.21 dBV/m
Grid 7 M4 20.96 dBV/m	Grid 8 M4 21.76 dBV/m	Grid 9 M4 22.6 dBV/m



0 dB = 21.15 V/m = 26.51 dBV/m

LTE Band 41 PC2 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 15.42 V/m; Power Drift = -0.00 dB

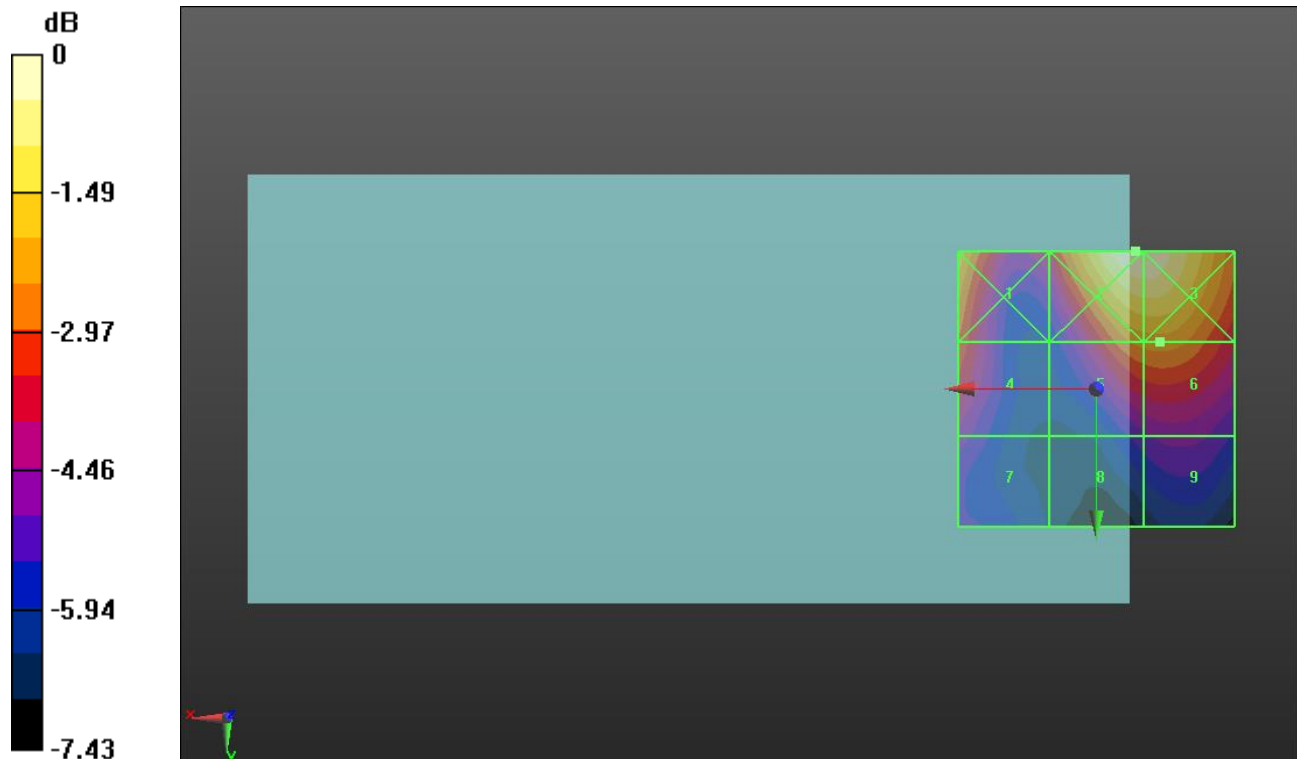
Applied MIF = -1.44 dB

RF audio interference level = 23.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.38 dBV/m	Grid 2 M4 25.87 dBV/m	Grid 3 M4 25.84 dBV/m
Grid 4 M4 22.86 dBV/m	Grid 5 M4 23.57 dBV/m	Grid 6 M4 23.66 dBV/m
Grid 7 M4 21.24 dBV/m	Grid 8 M4 20.82 dBV/m	Grid 9 M4 21.15 dBV/m



0 dB = 19.65 V/m = 25.87 dBV/m

LTE Band 41 PC2 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 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 = 15.89 V/m; Power Drift = -0.03 dB

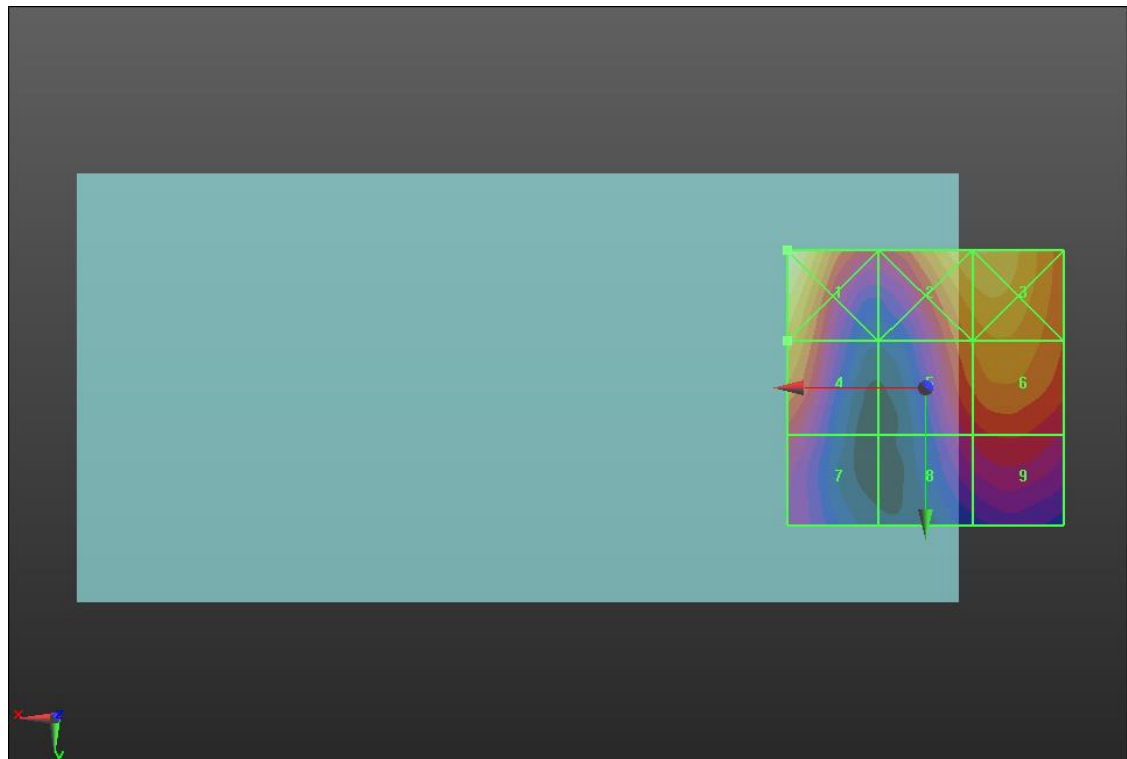
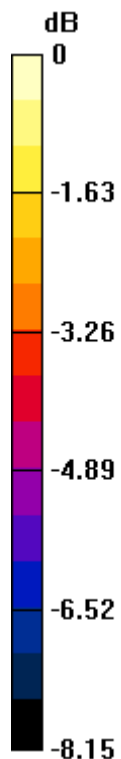
Applied MIF = -1.44 dB

RF audio interference level = 24.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.45 dBV/m	Grid 2 M4 25.38 dBV/m	Grid 3 M4 25.41 dBV/m
Grid 4 M4 24.54 dBV/m	Grid 5 M4 23.86 dBV/m	Grid 6 M4 24.25 dBV/m
Grid 7 M4 22.44 dBV/m	Grid 8 M4 22.3 dBV/m	Grid 9 M4 22.74 dBV/m



0 dB = 21.02 V/m = 26.45 dBV/m

LTE Band 41 PC2 ANT 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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/SC-FDMA 1RB 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.71 V/m; Power Drift = 0.12 dB

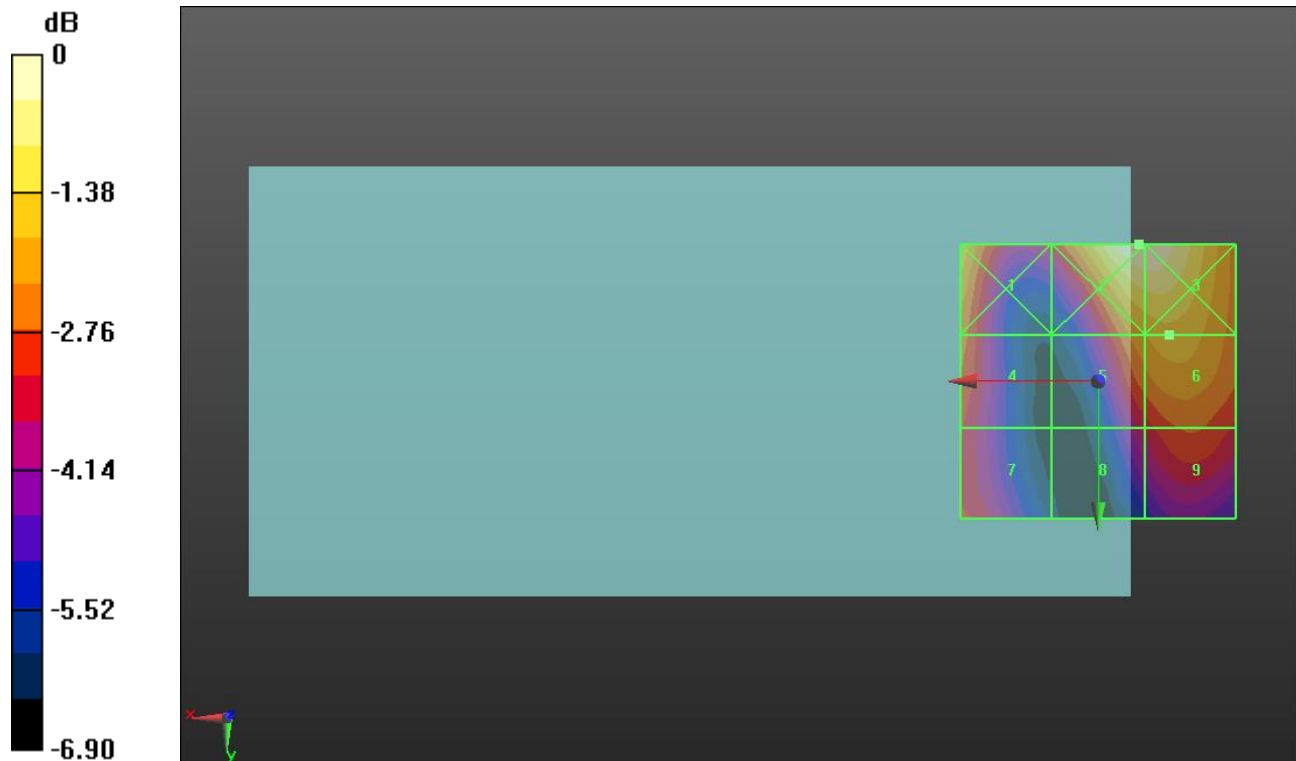
Applied MIF = -1.44 dB

RF audio interference level = 24.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.05 dBV/m	Grid 2 M4 26.33 dBV/m	Grid 3 M4 26.33 dBV/m
Grid 4 M4 23.86 dBV/m	Grid 5 M4 24.51 dBV/m	Grid 6 M4 24.8 dBV/m
Grid 7 M4 23.25 dBV/m	Grid 8 M4 22.84 dBV/m	Grid 9 M4 23.64 dBV/m



0 dB = 20.73 V/m = 26.33 dBV/m

Wi-Fi 2.4 GHz ANT 3

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS 11 Mbps_ch 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 = 12.44 V/m; Power Drift = 0.04 dB

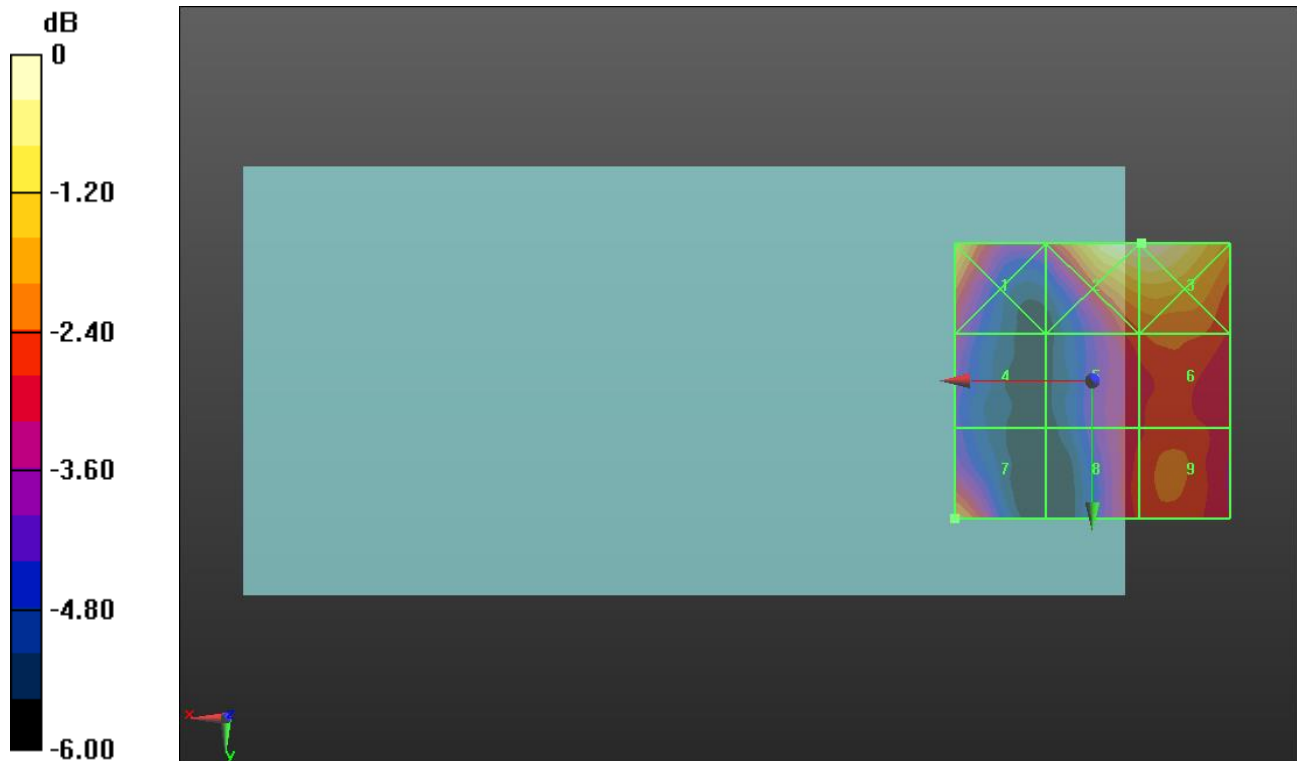
Applied MIF = -2.02 dB

RF audio interference level = 19.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.92 dBV/m	Grid 2 M4 21.64 dBV/m	Grid 3 M4 21.64 dBV/m
Grid 4 M4 18.45 dBV/m	Grid 5 M4 19.17 dBV/m	Grid 6 M4 19.36 dBV/m
Grid 7 M4 19.98 dBV/m	Grid 8 M4 19 dBV/m	Grid 9 M4 19.5 dBV/m



0 dB = 12.08 V/m = 21.64 dBV/m

Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS 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 = 13.27 V/m; Power Drift = 0.17 dB

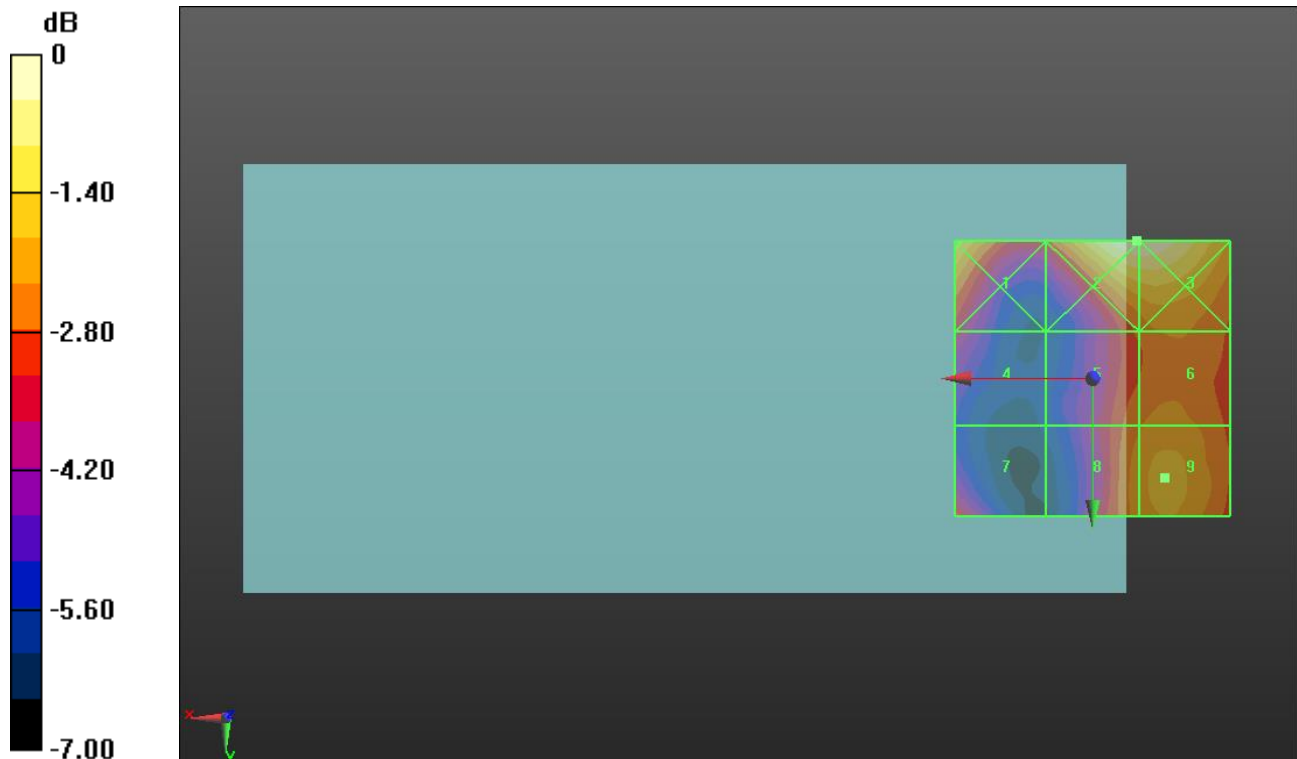
Applied MIF = -2.02 dB

RF audio interference level = 21.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.09 dBV/m	Grid 2 M4 23.11 dBV/m	Grid 3 M4 23.11 dBV/m
Grid 4 M4 19.54 dBV/m	Grid 5 M4 20.74 dBV/m	Grid 6 M4 20.98 dBV/m
Grid 7 M4 20.1 dBV/m	Grid 8 M4 21.07 dBV/m	Grid 9 M4 21.41 dBV/m



0 dB = 14.31 V/m = 23.11 dBV/m

Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS 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 = 13.35 V/m; Power Drift = 0.07 dB

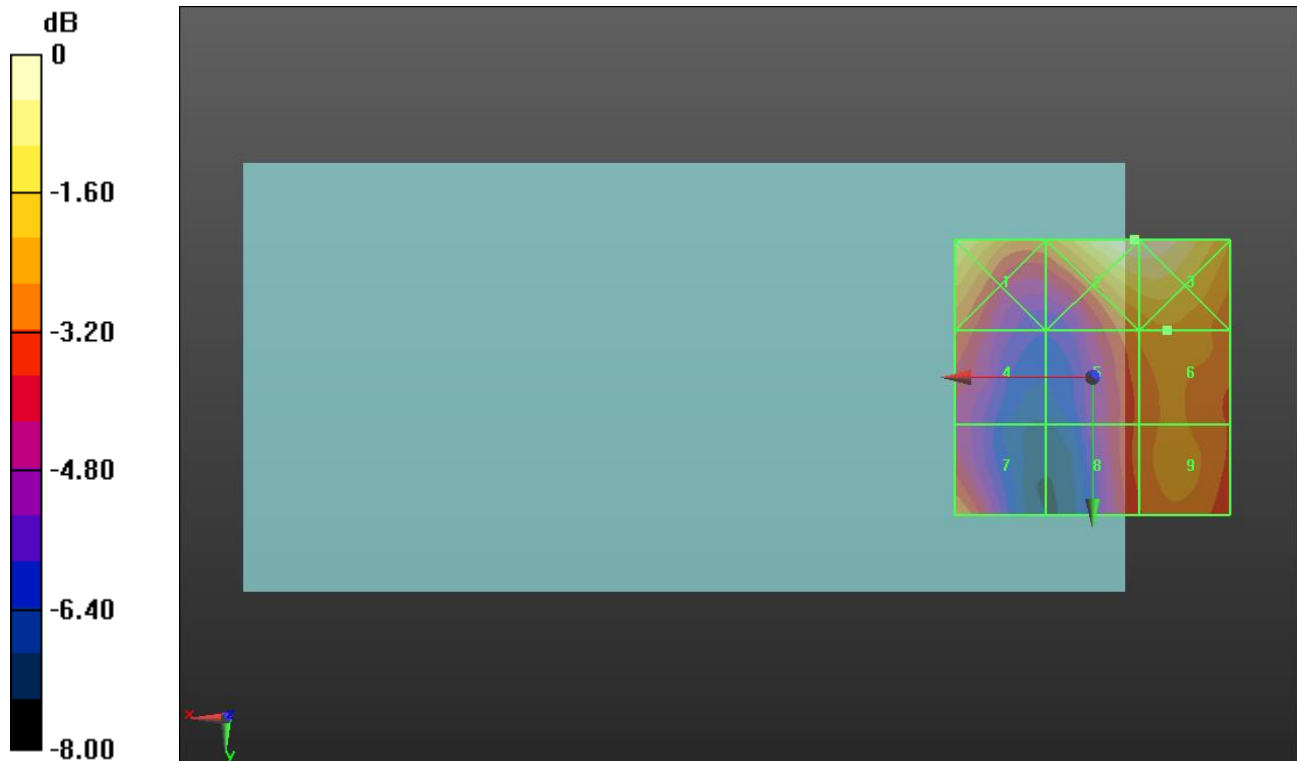
Applied MIF = -2.02 dB

RF audio interference level = 21.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.94 dBV/m	Grid 2 M4 23.69 dBV/m	Grid 3 M4 23.69 dBV/m
Grid 4 M4 20.61 dBV/m	Grid 5 M4 21.17 dBV/m	Grid 6 M4 21.47 dBV/m
Grid 7 M4 21.22 dBV/m	Grid 8 M4 20.71 dBV/m	Grid 9 M4 21.25 dBV/m



0 dB = 15.30 V/m = 23.69 dBV/m

Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS/OFDM, 54 Mbps_ch 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 = 11.30 V/m; Power Drift = 0.16 dB

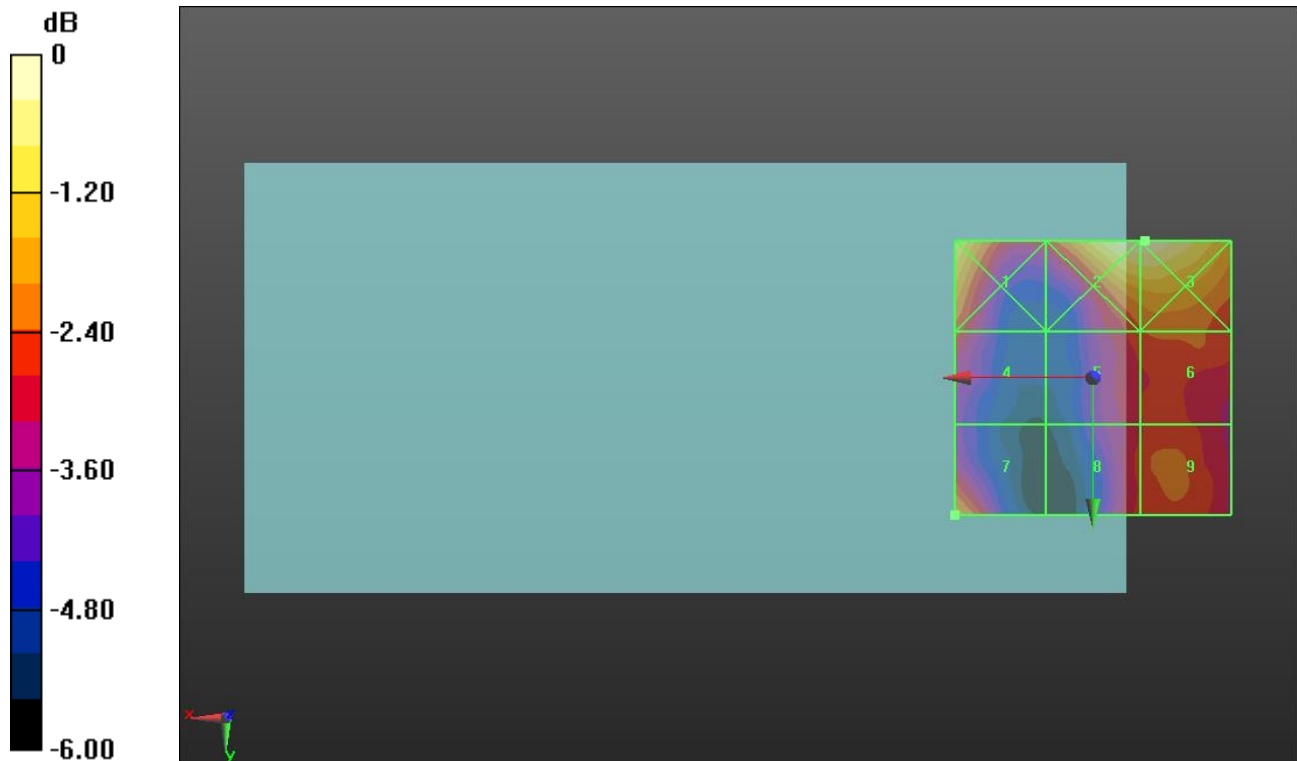
Applied MIF = 0.12 dB

RF audio interference level = 21.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.6 dBV/m	Grid 2 M4 23.06 dBV/m	Grid 3 M4 23.06 dBV/m
Grid 4 M4 20.48 dBV/m	Grid 5 M4 20.6 dBV/m	Grid 6 M4 20.79 dBV/m
Grid 7 M4 21.41 dBV/m	Grid 8 M4 20.43 dBV/m	Grid 9 M4 20.84 dBV/m



0 dB = 14.23 V/m = 23.06 dBV/m

Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS/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 = 12.20 V/m; Power Drift = 0.05 dB

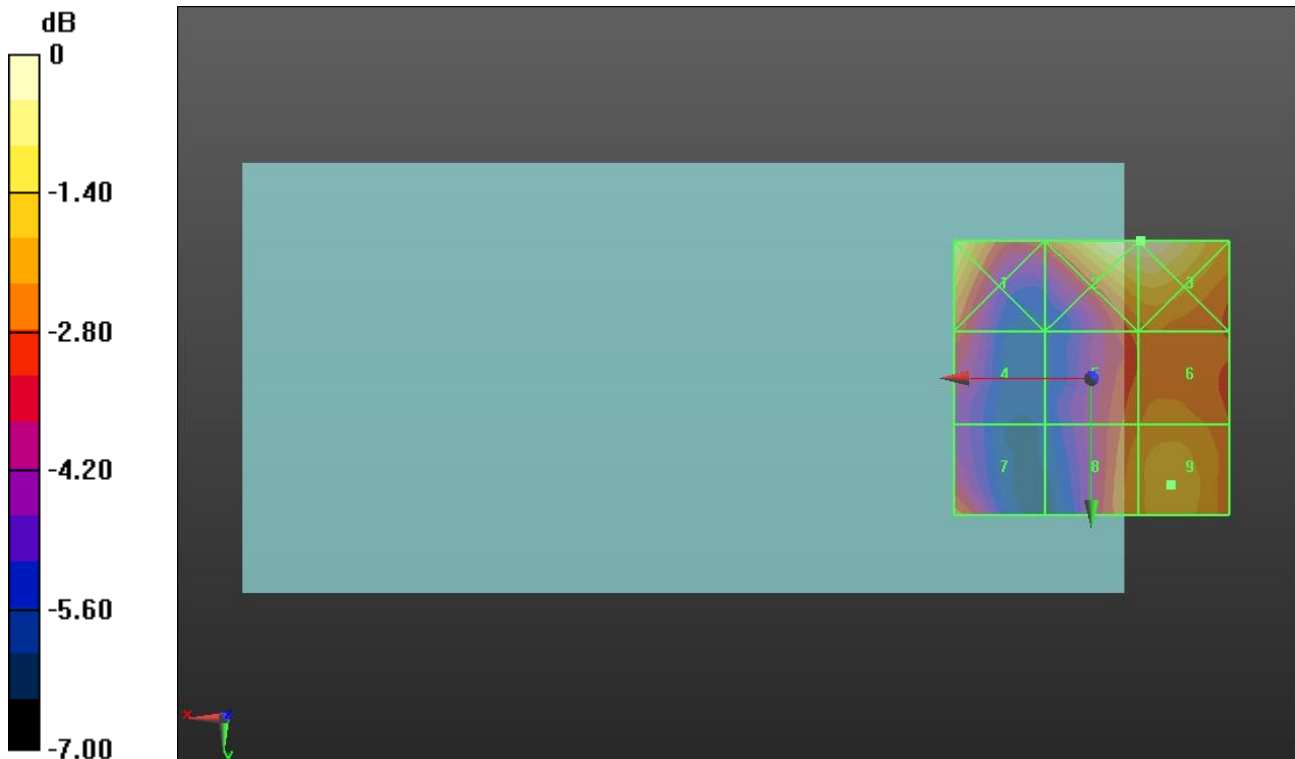
Applied MIF = 0.12 dB

RF audio interference level = 22.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.62 dBV/m	Grid 2 M4 23.98 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 21.12 dBV/m	Grid 5 M4 21.62 dBV/m	Grid 6 M4 21.94 dBV/m
Grid 7 M4 21.65 dBV/m	Grid 8 M4 22.02 dBV/m	Grid 9 M4 22.46 dBV/m



0 dB = 15.82 V/m = 23.98 dBV/m

Wi-Fi 2.4 GHz ANT 3

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 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS/OFDM, 54 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 = 12.78 V/m; Power Drift = -0.16 dB

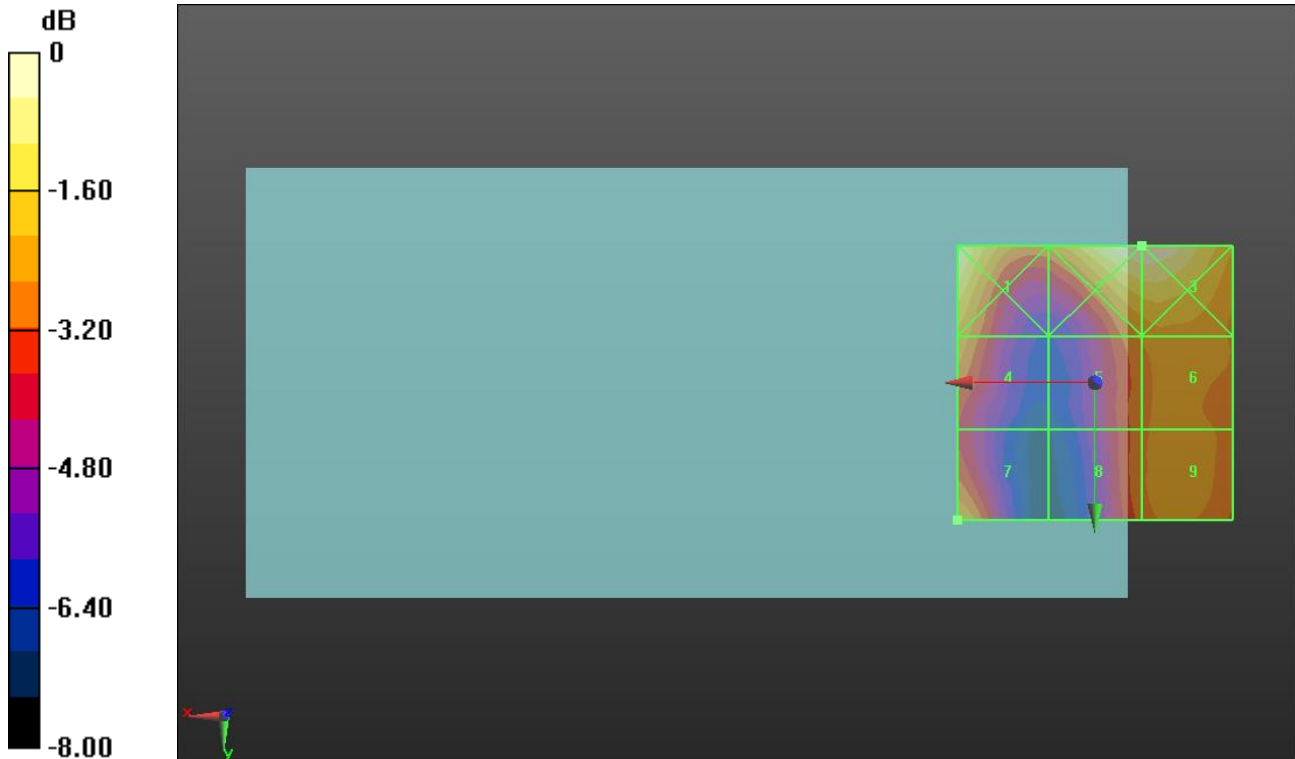
Applied MIF = 0.12 dB

RF audio interference level = 22.85 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.8 dBV/m	Grid 2 M4 24.88 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 22.68 dBV/m	Grid 5 M4 22.34 dBV/m	Grid 6 M4 22.62 dBV/m
Grid 7 M4 22.85 dBV/m	Grid 8 M4 22.12 dBV/m	Grid 9 M4 22.68 dBV/m



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

GSM 1900 ANT 4

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 16.75 V/m; Power Drift = -0.16 dB

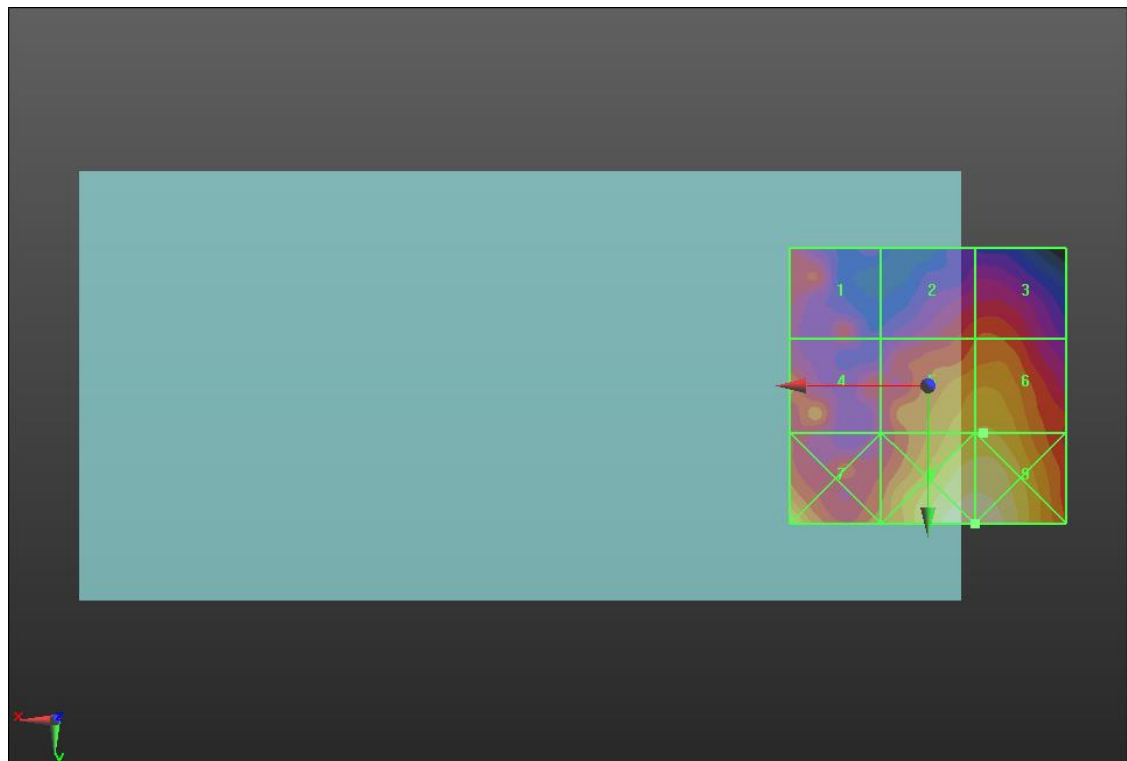
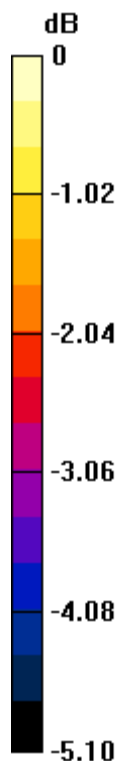
Applied MIF = 3.63 dB

RF audio interference level = 27.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.88 dBV/m	Grid 2 M4 26.14 dBV/m	Grid 3 M4 26.24 dBV/m
Grid 4 M4 26.33 dBV/m	Grid 5 M4 27.2 dBV/m	Grid 6 M4 27.23 dBV/m
Grid 7 M4 27.75 dBV/m	Grid 8 M4 28.19 dBV/m	Grid 9 M4 28.19 dBV/m



0 dB = 25.68 V/m = 28.19 dBV/m

GSM 1900 ANT 4

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 16.03 V/m; Power Drift = 0.03 dB

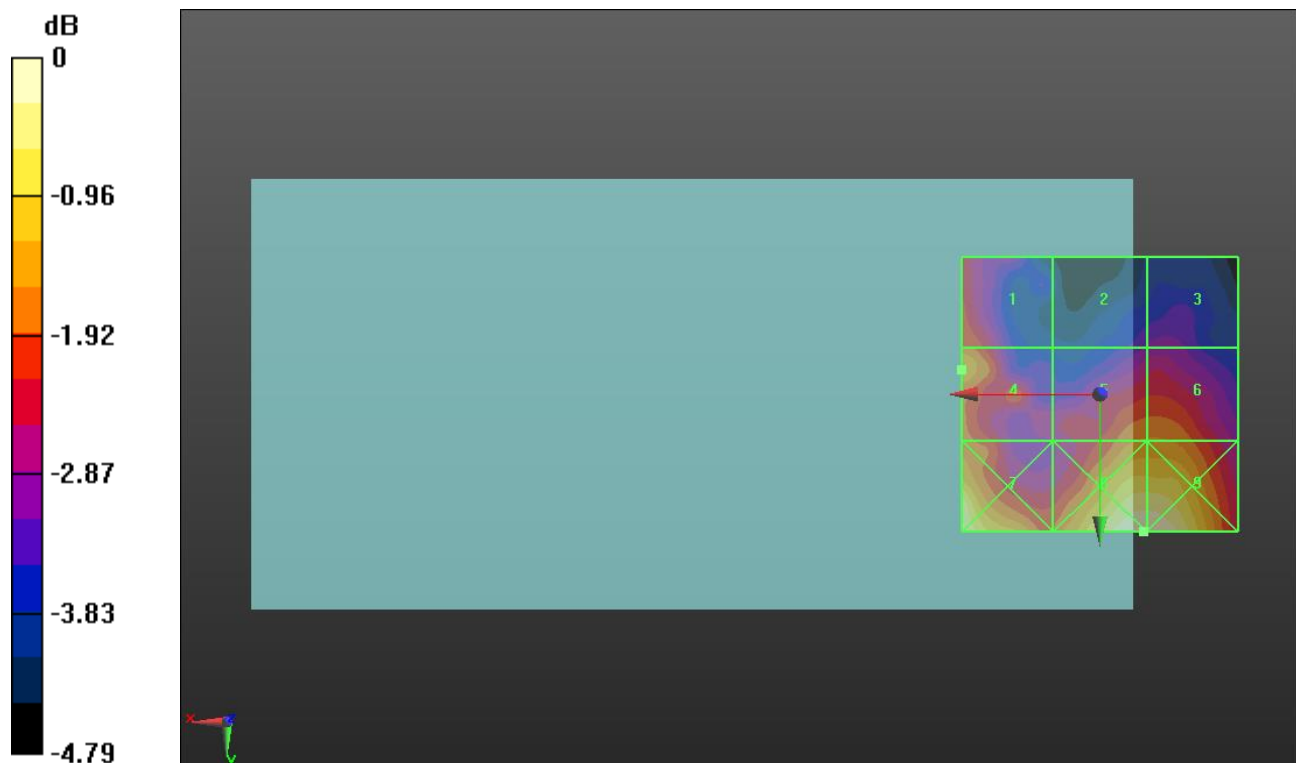
Applied MIF = 3.63 dB

RF audio interference level = 26.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.32 dBV/m	Grid 2 M4 25.07 dBV/m	Grid 3 M4 25.18 dBV/m
Grid 4 M4 26.95 dBV/m	Grid 5 M4 26.64 dBV/m	Grid 6 M4 26.64 dBV/m
Grid 7 M4 27.94 dBV/m	Grid 8 M4 28.18 dBV/m	Grid 9 M4 28.18 dBV/m



0 dB = 25.66 V/m = 28.19 dBV/m

GSM 1900 ANT 4

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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_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 = 15.58 V/m; Power Drift = 0.05 dB

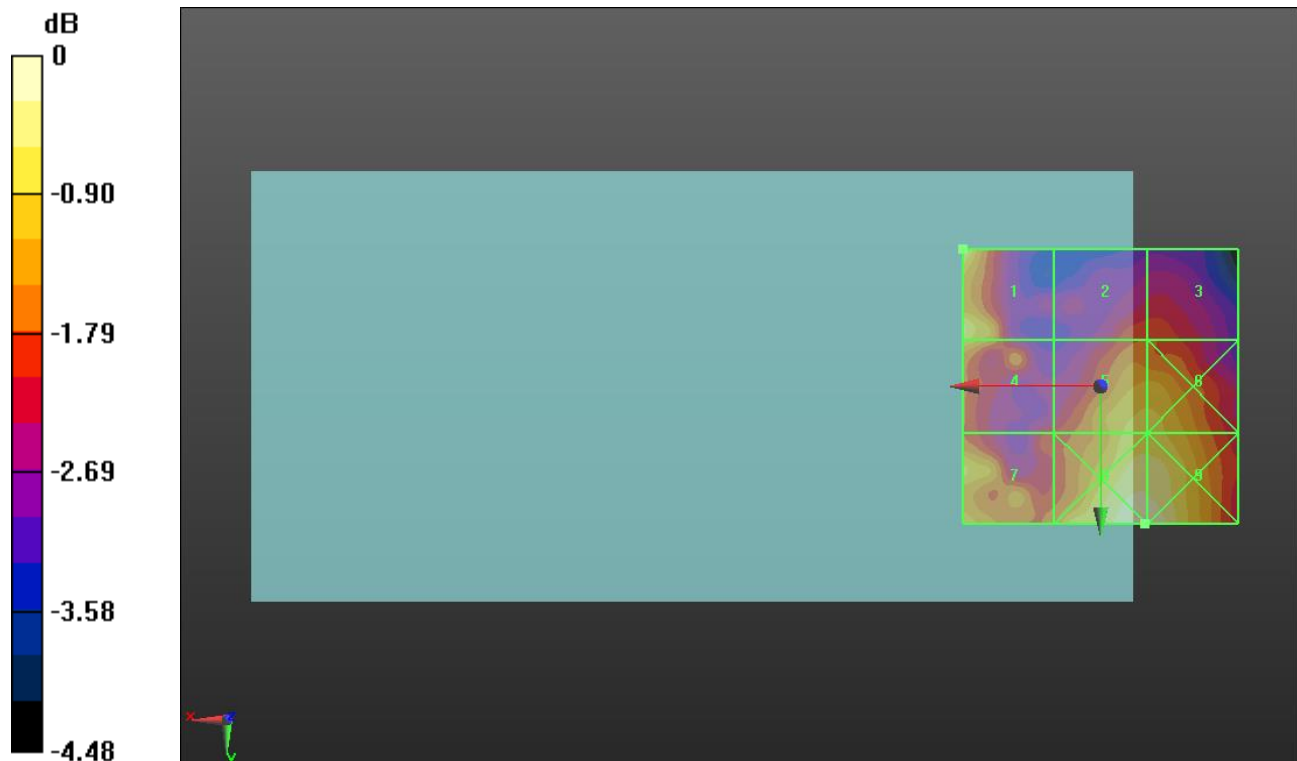
Applied MIF = 3.63 dB

RF audio interference level = 27.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.04 dBV/m	Grid 2 M4 25.4 dBV/m	Grid 3 M4 25.4 dBV/m
Grid 4 M4 26.48 dBV/m	Grid 5 M4 26.43 dBV/m	Grid 6 M4 26.41 dBV/m
Grid 7 M4 26.38 dBV/m	Grid 8 M4 27.18 dBV/m	Grid 9 M4 27.18 dBV/m



0 dB = 22.85 V/m = 27.18 dBV/m

LTE Band 41 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 17.89 V/m; Power Drift = -0.04 dB

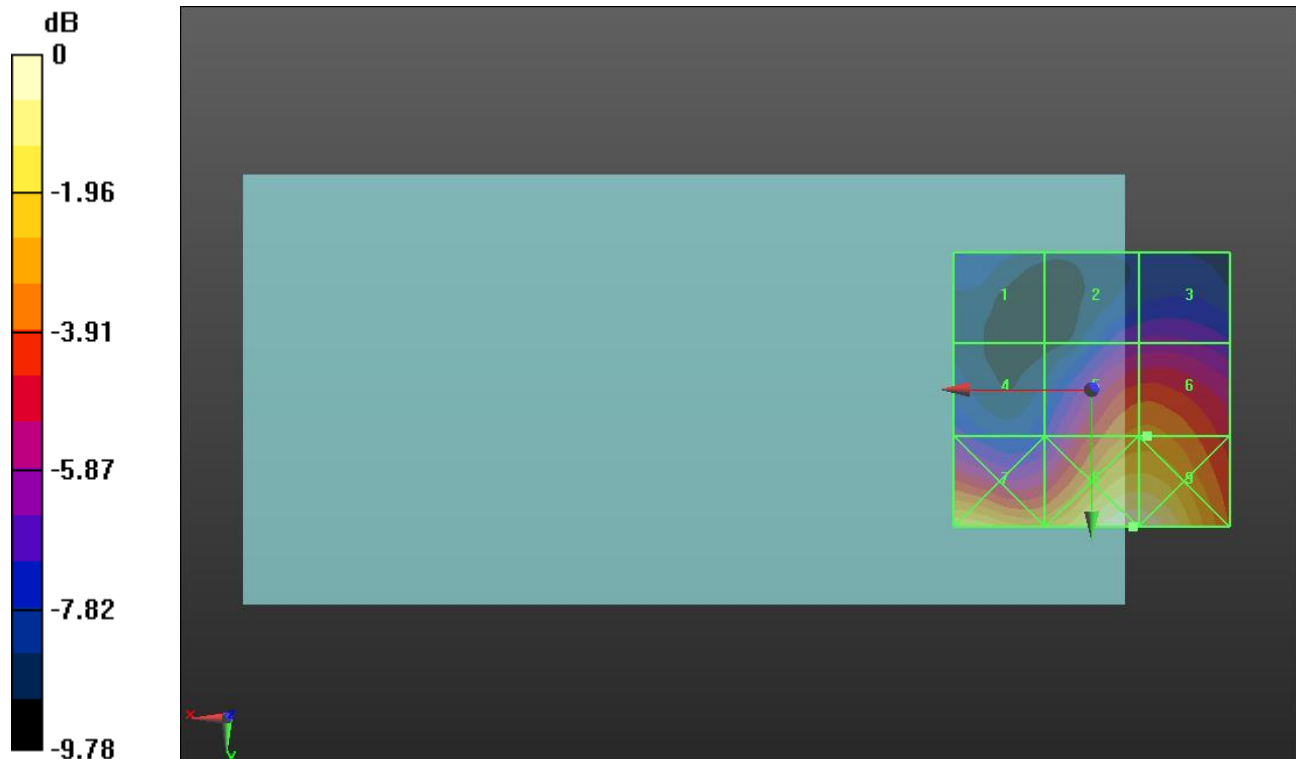
Applied MIF = -1.44 dB

RF audio interference level = 23.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.74 dBV/m	Grid 2 M4 20.03 dBV/m	Grid 3 M4 20.16 dBV/m
Grid 4 M4 19.68 dBV/m	Grid 5 M4 23.35 dBV/m	Grid 6 M4 23.37 dBV/m
Grid 7 M4 25.13 dBV/m	Grid 8 M4 26.37 dBV/m	Grid 9 M4 26.34 dBV/m



0 dB = 20.81 V/m = 26.37 dBV/m

LTE Band 41 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 14.85 V/m; Power Drift = -0.01 dB

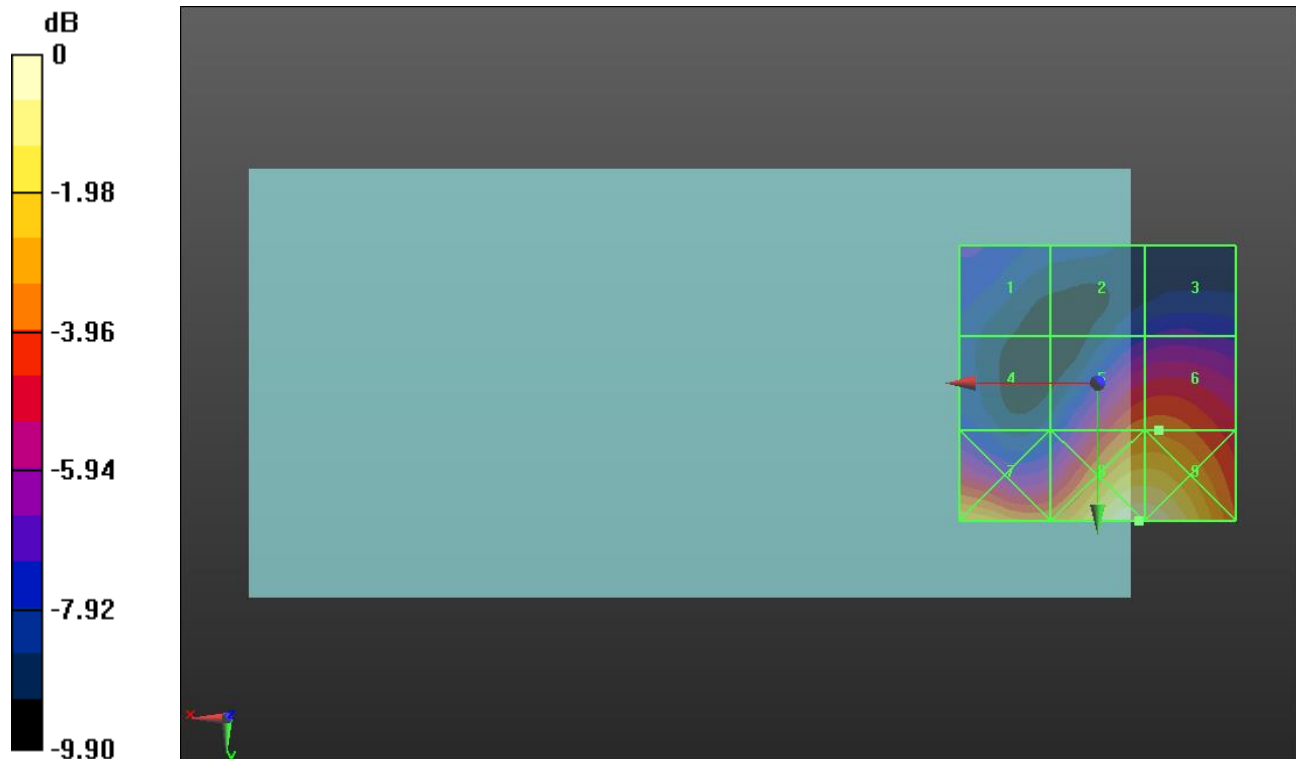
Applied MIF = -1.44 dB

RF audio interference level = 22.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.27 dBV/m	Grid 2 M4 18.99 dBV/m	Grid 3 M4 19.42 dBV/m
Grid 4 M4 19.04 dBV/m	Grid 5 M4 22.81 dBV/m	Grid 6 M4 22.88 dBV/m
Grid 7 M4 24.44 dBV/m	Grid 8 M4 26.35 dBV/m	Grid 9 M4 26.33 dBV/m



0 dB = 20.77 V/m = 26.35 dBV/m

LTE Band 41 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 14.53 V/m; Power Drift = -0.00 dB

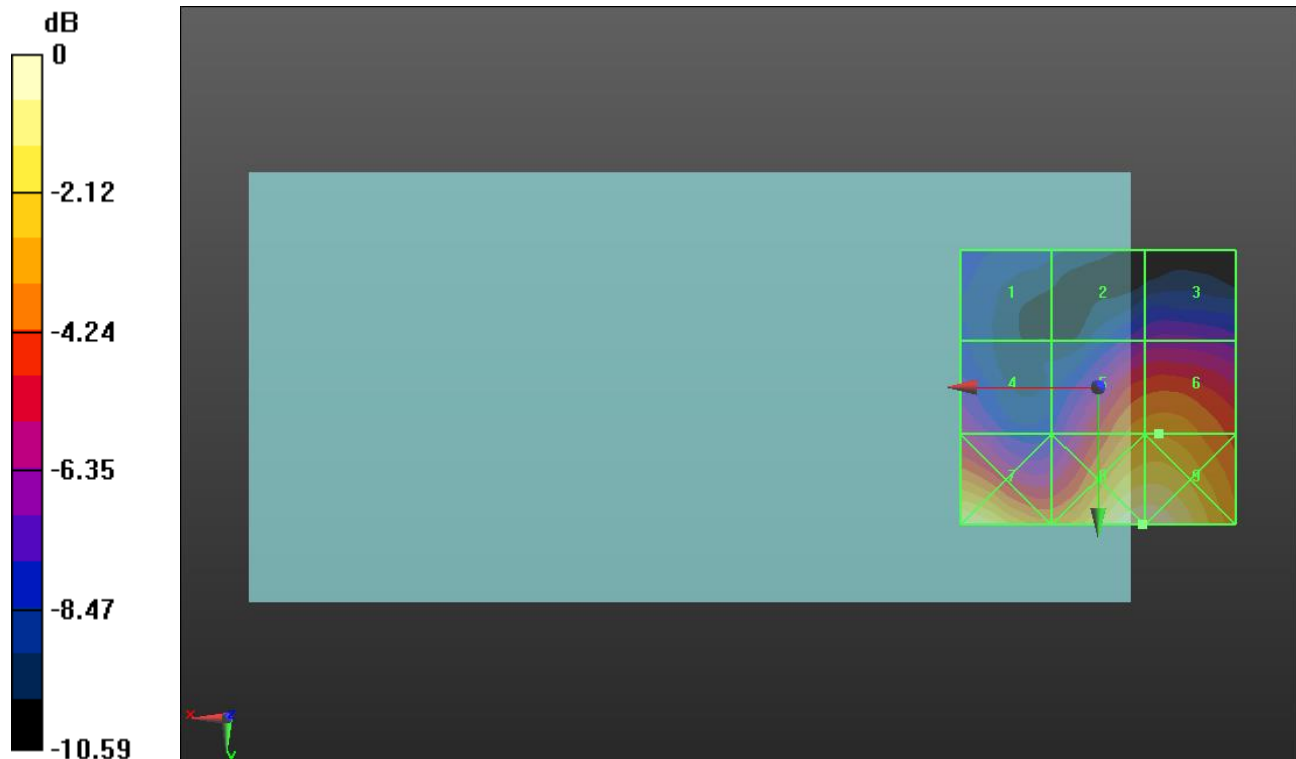
Applied MIF = -1.44 dB

RF audio interference level = 22.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.63 dBV/m	Grid 2 M4 18.36 dBV/m	Grid 3 M4 18.62 dBV/m
Grid 4 M4 19.33 dBV/m	Grid 5 M4 22.31 dBV/m	Grid 6 M4 22.43 dBV/m
Grid 7 M4 24.9 dBV/m	Grid 8 M4 25.31 dBV/m	Grid 9 M4 25.3 dBV/m



0 dB = 18.42 V/m = 25.31 dBV/m

LTE Band 41 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 16.35 V/m; Power Drift = 0.09 dB

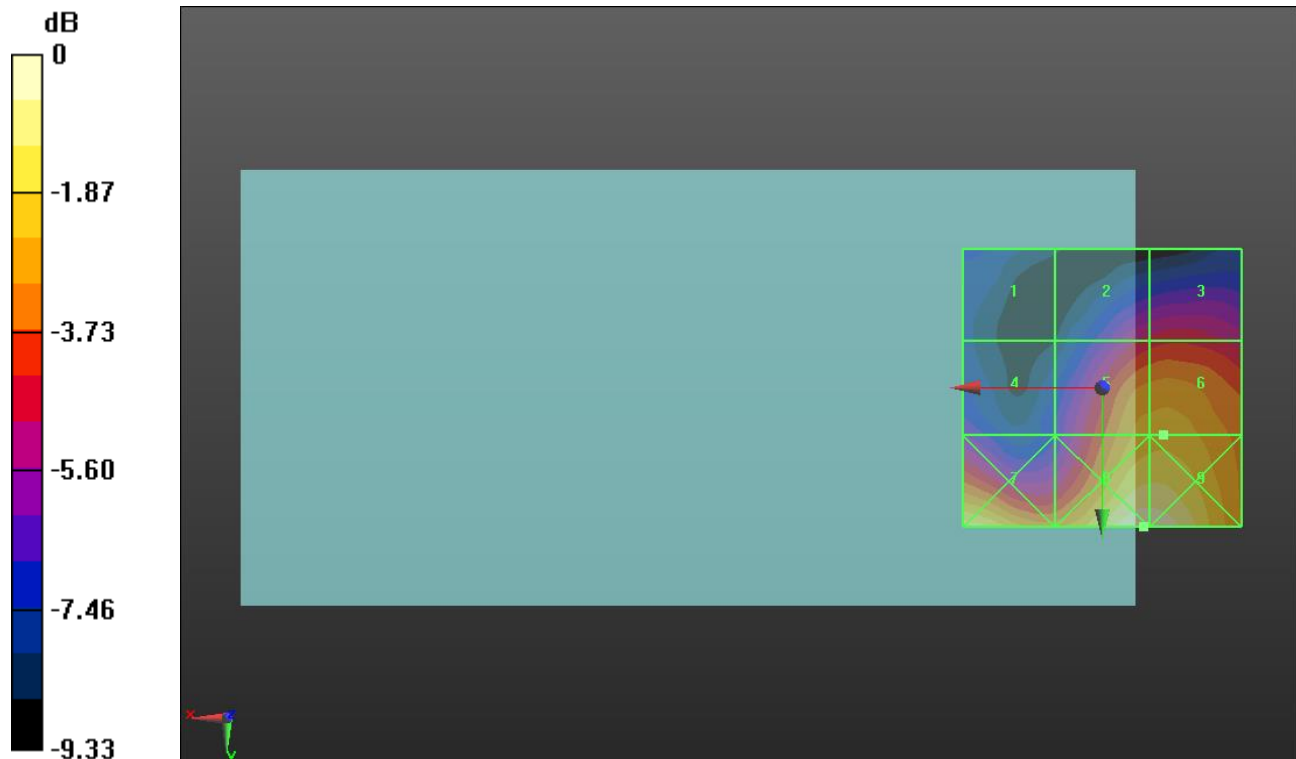
Applied MIF = -1.44 dB

RF audio interference level = 22.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.83 dBV/m	Grid 2 M4 20.25 dBV/m	Grid 3 M4 20.51 dBV/m
Grid 4 M4 18.91 dBV/m	Grid 5 M4 22.79 dBV/m	Grid 6 M4 22.86 dBV/m
Grid 7 M4 24.27 dBV/m	Grid 8 M4 24.95 dBV/m	Grid 9 M4 24.93 dBV/m



0 dB = 17.68 V/m = 24.95 dBV/m

LTE Band 41 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 15.65 V/m; Power Drift = 0.04 dB

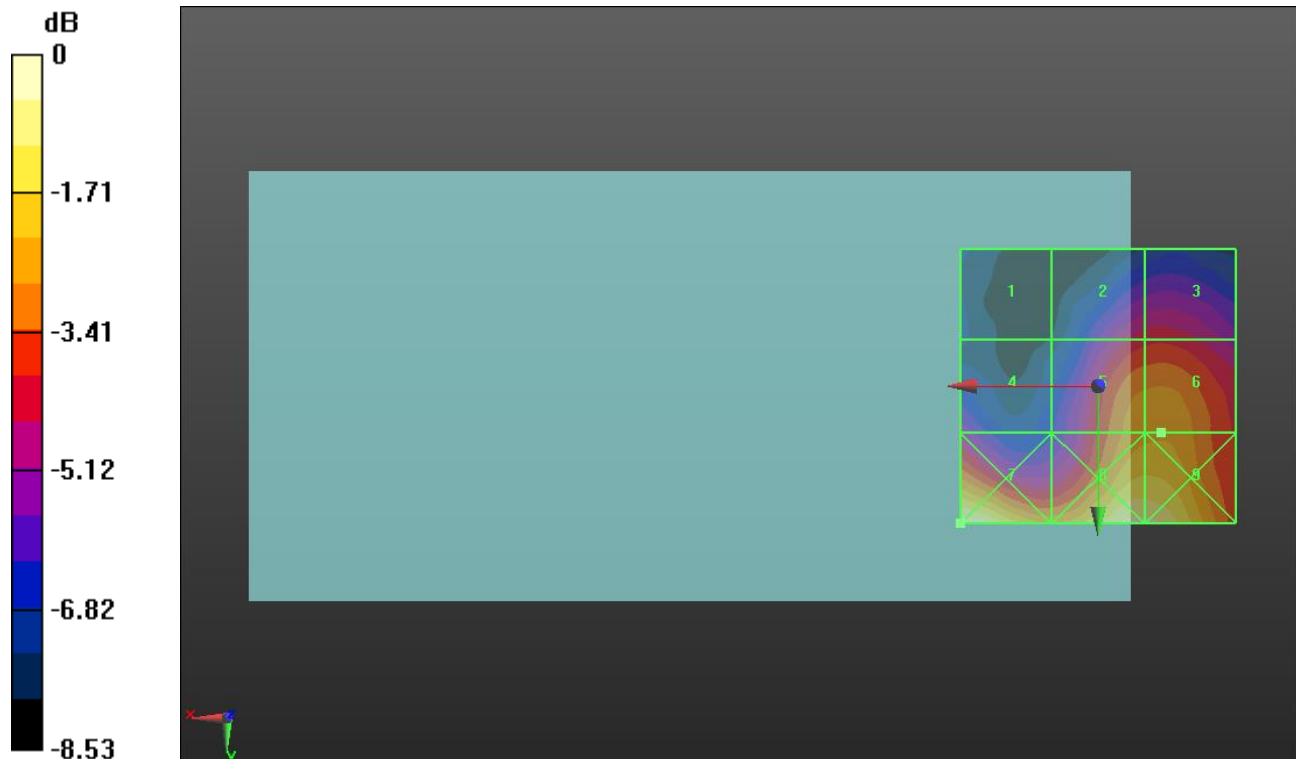
Applied MIF = -1.44 dB

RF audio interference level = 21.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.13 dBV/m	Grid 2 M4 20.04 dBV/m	Grid 3 M4 20.15 dBV/m
Grid 4 M4 19.16 dBV/m	Grid 5 M4 21.84 dBV/m	Grid 6 M4 21.89 dBV/m
Grid 7 M4 24.22 dBV/m	Grid 8 M4 23.93 dBV/m	Grid 9 M4 23.9 dBV/m



0 dB = 16.26 V/m = 24.22 dBV/m

LTE Band 48 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 21.09 V/m; Power Drift = 0.18 dB

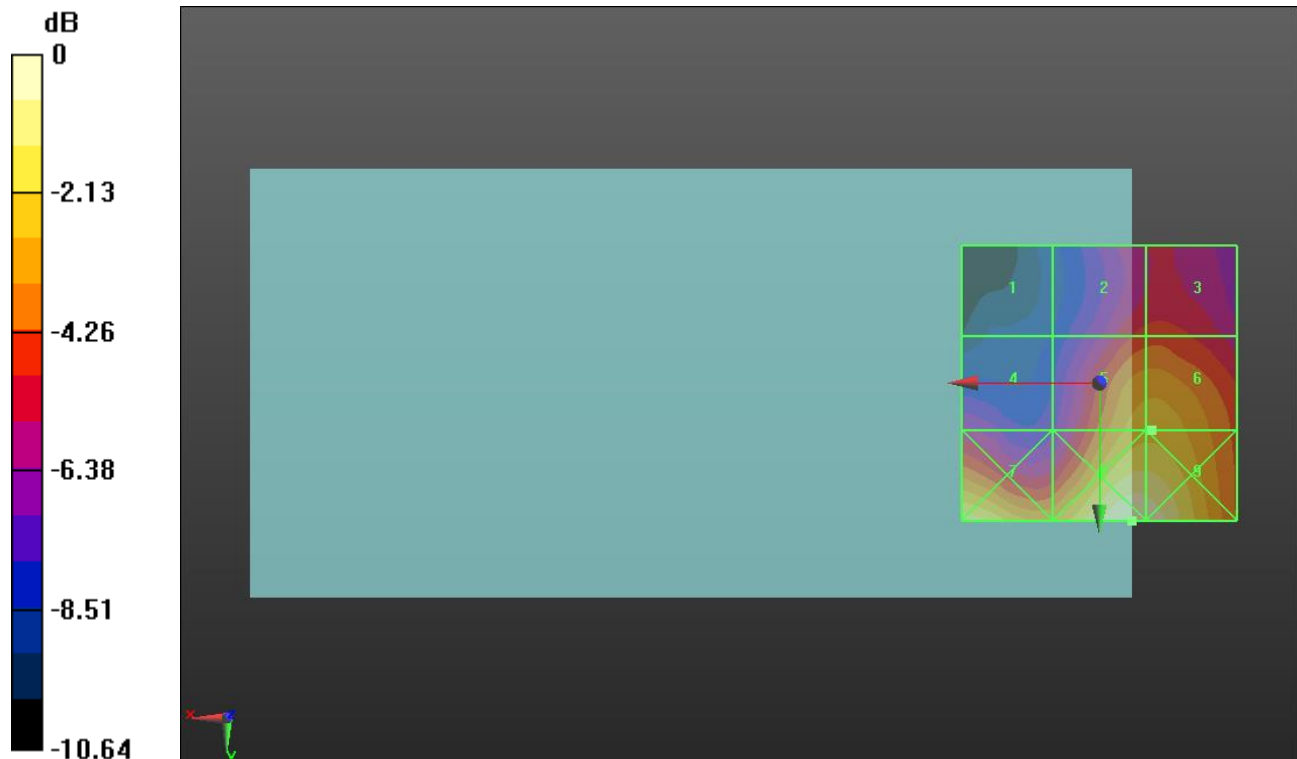
Applied MIF = -1.44 dB

RF audio interference level = 24.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.03 dBV/m	Grid 2 M4 21.81 dBV/m	Grid 3 M4 21.9 dBV/m
Grid 4 M4 20.25 dBV/m	Grid 5 M4 24.05 dBV/m	Grid 6 M4 24.06 dBV/m
Grid 7 M4 25.46 dBV/m	Grid 8 M4 26.42 dBV/m	Grid 9 M4 26.29 dBV/m



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

LTE Band 48 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 21.60 V/m; Power Drift = 0.04 dB

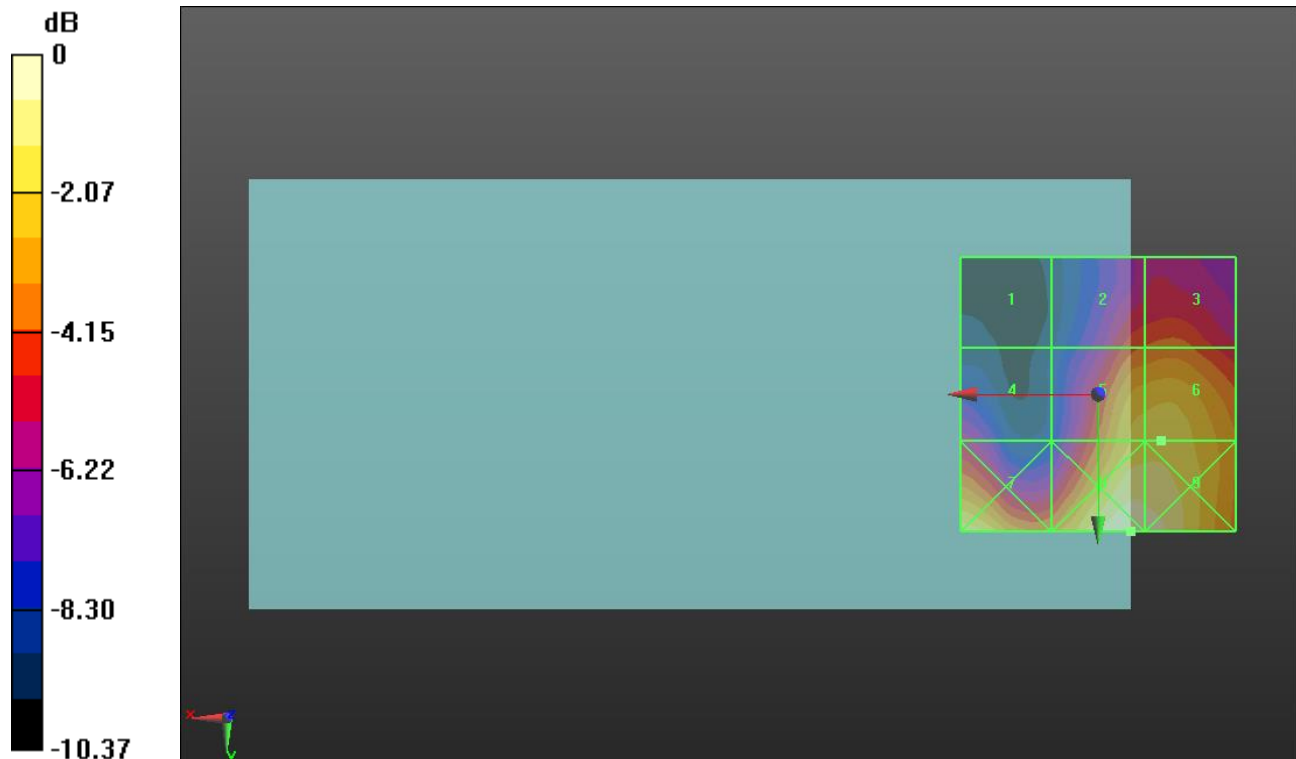
Applied MIF = -1.44 dB

RF audio interference level = 24.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.43 dBV/m	Grid 2 M4 22.48 dBV/m	Grid 3 M4 22.73 dBV/m
Grid 4 M4 20.82 dBV/m	Grid 5 M4 24.82 dBV/m	Grid 6 M4 24.92 dBV/m
Grid 7 M4 25.76 dBV/m	Grid 8 M4 26.53 dBV/m	Grid 9 M4 26.4 dBV/m



0 dB = 21.21 V/m = 26.53 dBV/m

LTE Band 48 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 19.56 V/m; Power Drift = -0.33 dB

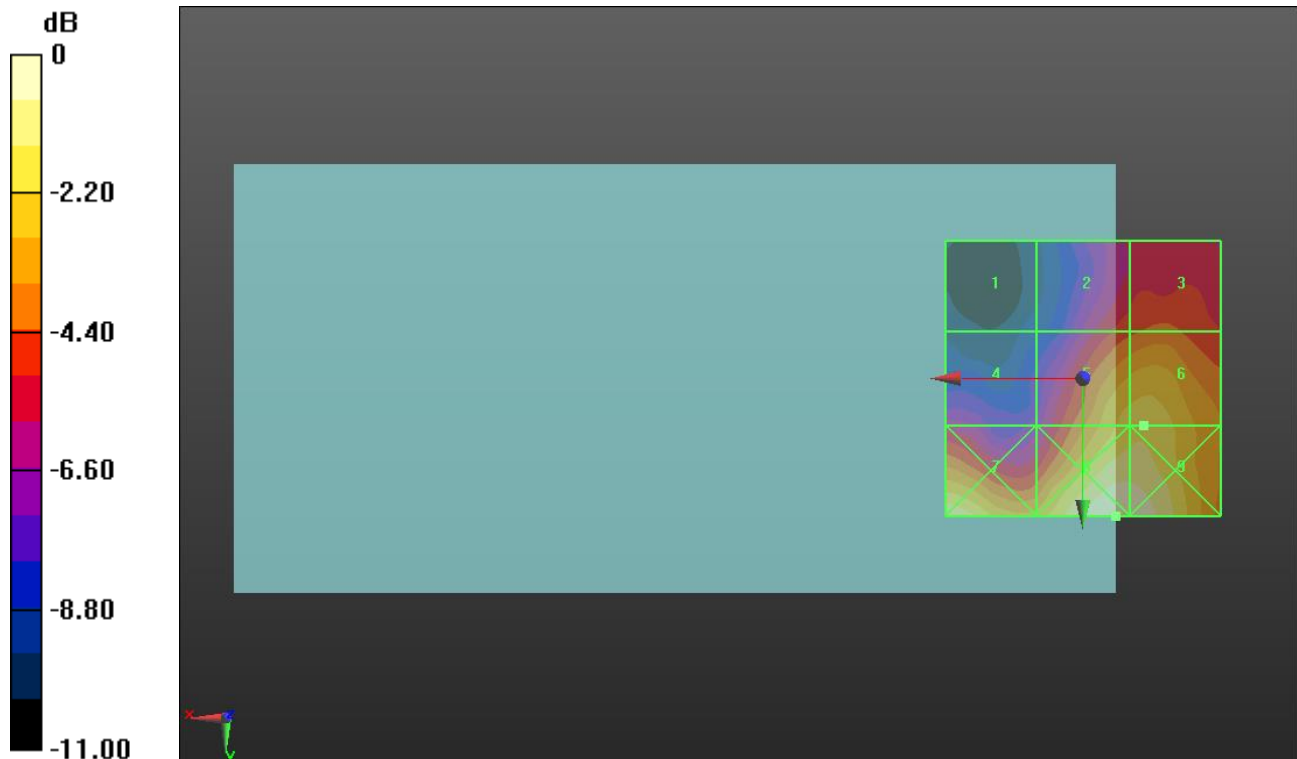
Applied MIF = -1.44 dB

RF audio interference level = 24.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.21 dBV/m	Grid 2 M4 21.6 dBV/m	Grid 3 M4 22.03 dBV/m
Grid 4 M4 19.97 dBV/m	Grid 5 M4 24.34 dBV/m	Grid 6 M4 24.47 dBV/m
Grid 7 M4 25.45 dBV/m	Grid 8 M4 26.16 dBV/m	Grid 9 M4 26.03 dBV/m



0 dB = 20.33 V/m = 26.16 dBV/m

LTE Band 48 ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 19.91 V/m; Power Drift = 0.08 dB

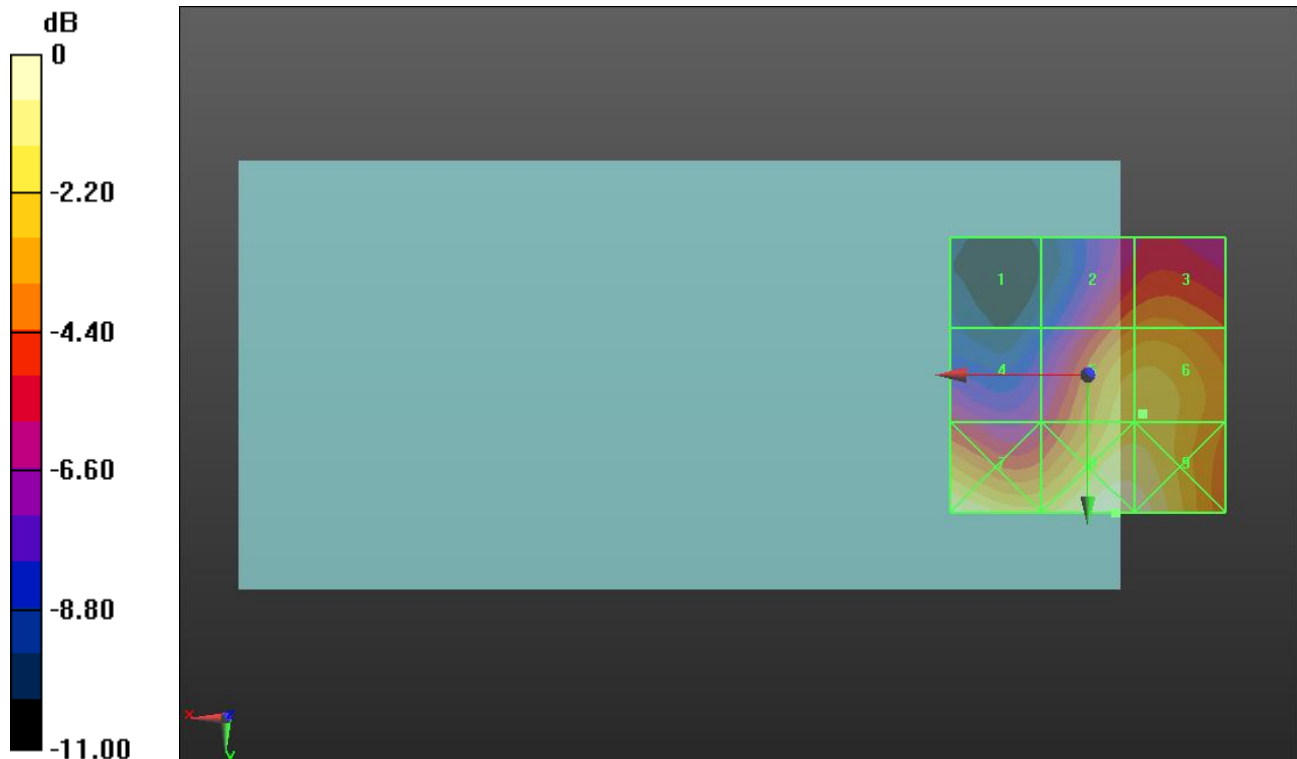
Applied MIF = -1.44 dB

RF audio interference level = 24.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.05 dBV/m	Grid 2 M4 22.33 dBV/m	Grid 3 M4 22.61 dBV/m
Grid 4 M4 20.47 dBV/m	Grid 5 M4 24.23 dBV/m	Grid 6 M4 24.24 dBV/m
Grid 7 M4 25.62 dBV/m	Grid 8 M4 25.92 dBV/m	Grid 9 M4 25.74 dBV/m



0 dB = 19.77 V/m = 25.92 dBV/m

Wi-Fi 2.4 GHz ANT 4

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:2.29034

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS 11 Mbps_ch 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 = 34.01 V/m; Power Drift = -0.22 dB

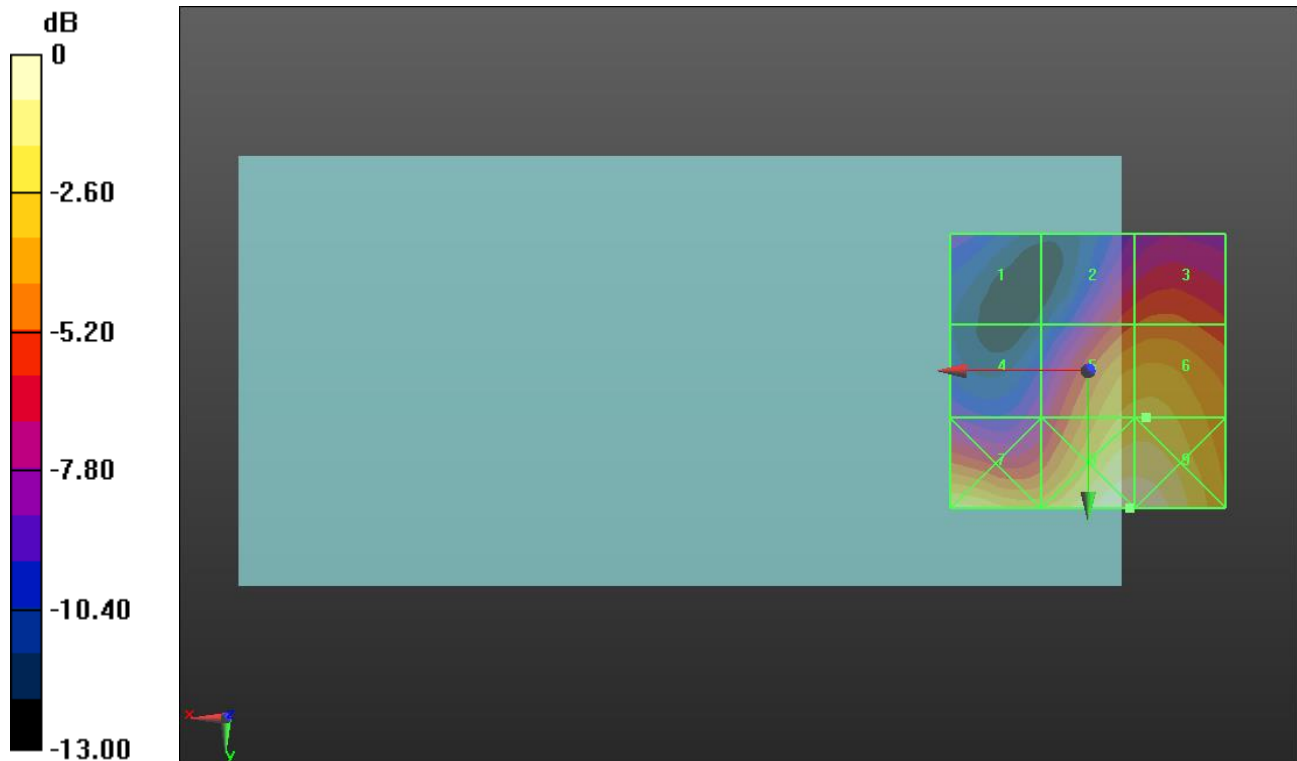
Applied MIF = -2.02 dB

RF audio interference level = 28.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.64 dBV/m	Grid 2 M4 25.23 dBV/m	Grid 3 M4 25.61 dBV/m
Grid 4 M4 22.84 dBV/m	Grid 5 M4 28.16 dBV/m	Grid 6 M4 28.21 dBV/m
Grid 7 M4 29.23 dBV/m	Grid 8 M3 30.43 dBV/m	Grid 9 M3 30.41 dBV/m



0 dB = 33.21 V/m = 30.43 dBV/m

Wi-Fi 2.4 GHz ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS 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 = 40.06 V/m; Power Drift = 0.03 dB

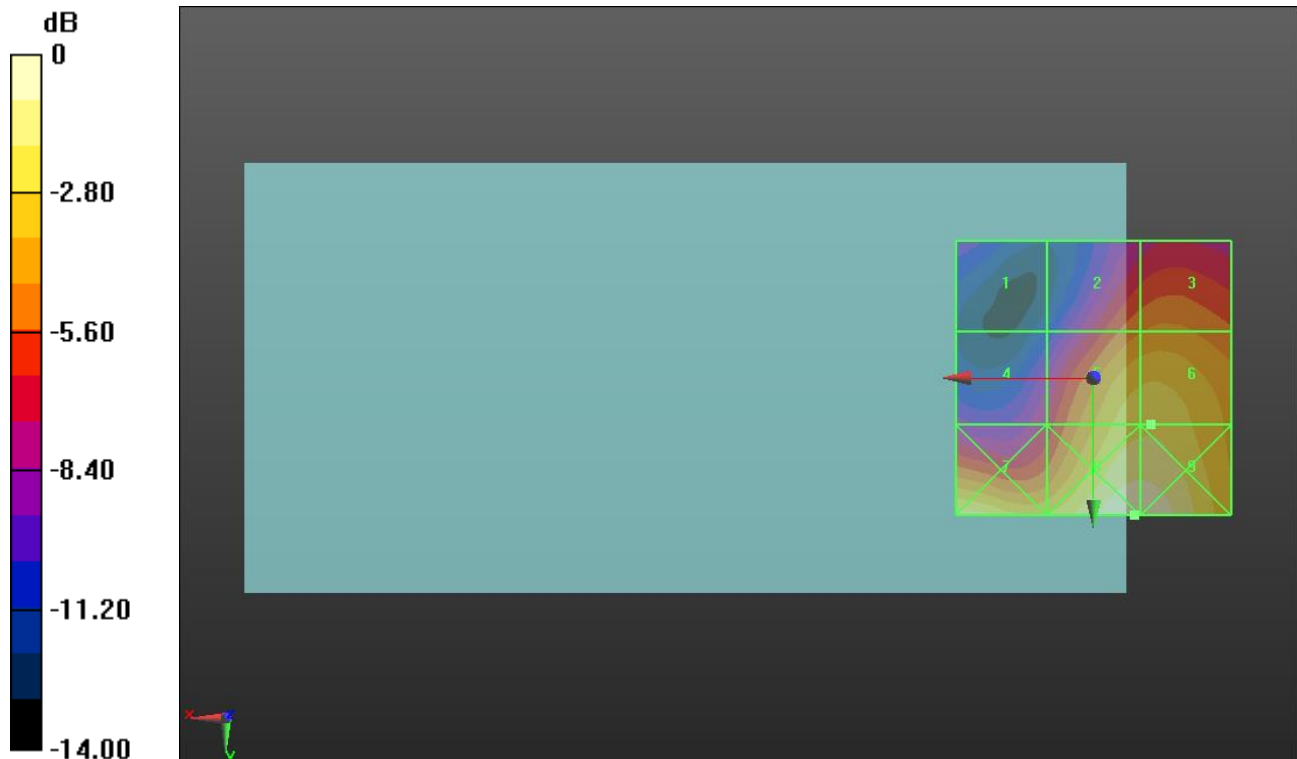
Applied MIF = -2.02 dB

RF audio interference level = 29.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.23 dBV/m	Grid 2 M4 26.93 dBV/m	Grid 3 M4 27.26 dBV/m
Grid 4 M4 24.49 dBV/m	Grid 5 M4 29.55 dBV/m	Grid 6 M4 29.59 dBV/m
Grid 7 M3 30.37 dBV/m	Grid 8 M3 31.65 dBV/m	Grid 9 M3 31.63 dBV/m



0 dB = 38.23 V/m = 31.65 dBV/m

Wi-Fi 2.4 GHz ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS 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 = 39.13 V/m; Power Drift = 0.09 dB

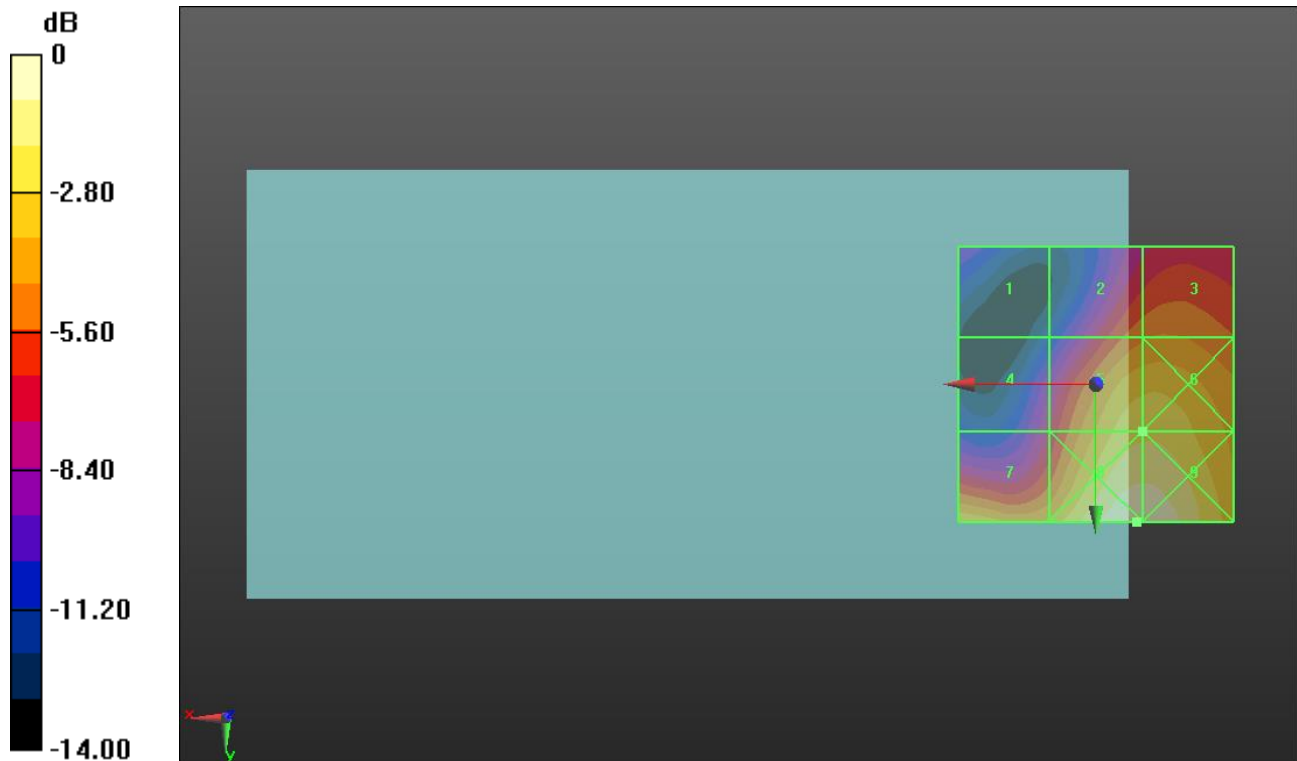
Applied MIF = -2.02 dB

RF audio interference level = 29.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.2 dBV/m	Grid 2 M4 26.65 dBV/m	Grid 3 M4 26.94 dBV/m
Grid 4 M4 24.09 dBV/m	Grid 5 M4 29.4 dBV/m	Grid 6 M4 29.42 dBV/m
Grid 7 M4 28.75 dBV/m	Grid 8 M3 31.48 dBV/m	Grid 9 M3 31.46 dBV/m



0 dB = 37.48 V/m = 31.48 dBV/m

Wi-Fi 2.4 GHz ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS/OFDM, 54 Mbps_ch 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 = 31.20 V/m; Power Drift = -0.01 dB

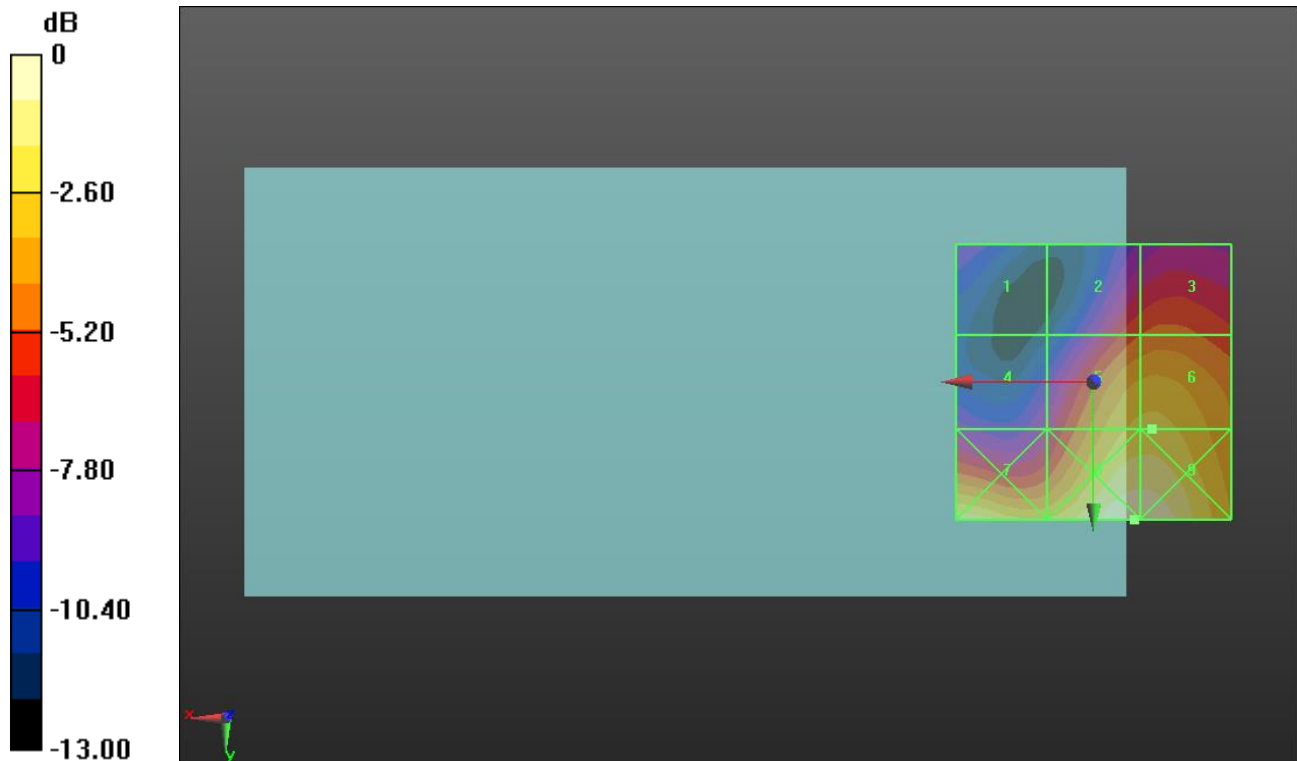
Applied MIF = 0.12 dB

RF audio interference level = 29.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.46 dBV/m	Grid 2 M4 26.89 dBV/m	Grid 3 M4 27.24 dBV/m
Grid 4 M4 24.59 dBV/m	Grid 5 M4 29.73 dBV/m	Grid 6 M4 29.78 dBV/m
Grid 7 M3 30.88 dBV/m	Grid 8 M3 32.05 dBV/m	Grid 9 M3 32.04 dBV/m



0 dB = 40.05 V/m = 32.05 dBV/m

Wi-Fi 2.4 GHz ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS/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 = 36.65 V/m; Power Drift = 0.04 dB

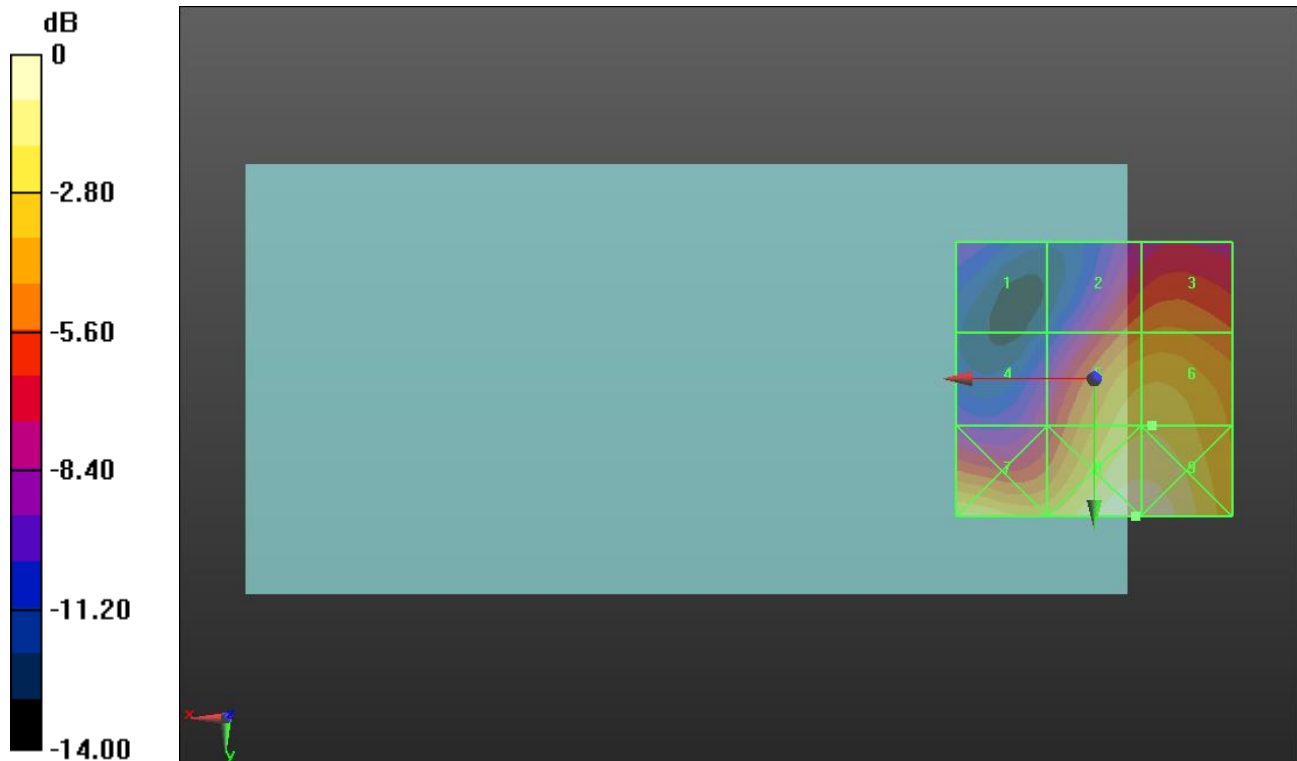
Applied MIF = 0.12 dB

RF audio interference level = 31.05 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 23.91 dBV/m	Grid 2 M4 28.21 dBV/m	Grid 3 M4 28.58 dBV/m
Grid 4 M4 25.8 dBV/m	Grid 5 M3 31 dBV/m	Grid 6 M3 31.05 dBV/m
Grid 7 M3 31.57 dBV/m	Grid 8 M3 33.04 dBV/m	Grid 9 M3 33.02 dBV/m



0 dB = 44.87 V/m = 33.04 dBV/m

Wi-Fi 2.4 GHz ANT 4

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 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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/DSSS/OFDM, 54 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 = 36.24 V/m; Power Drift = 0.01 dB

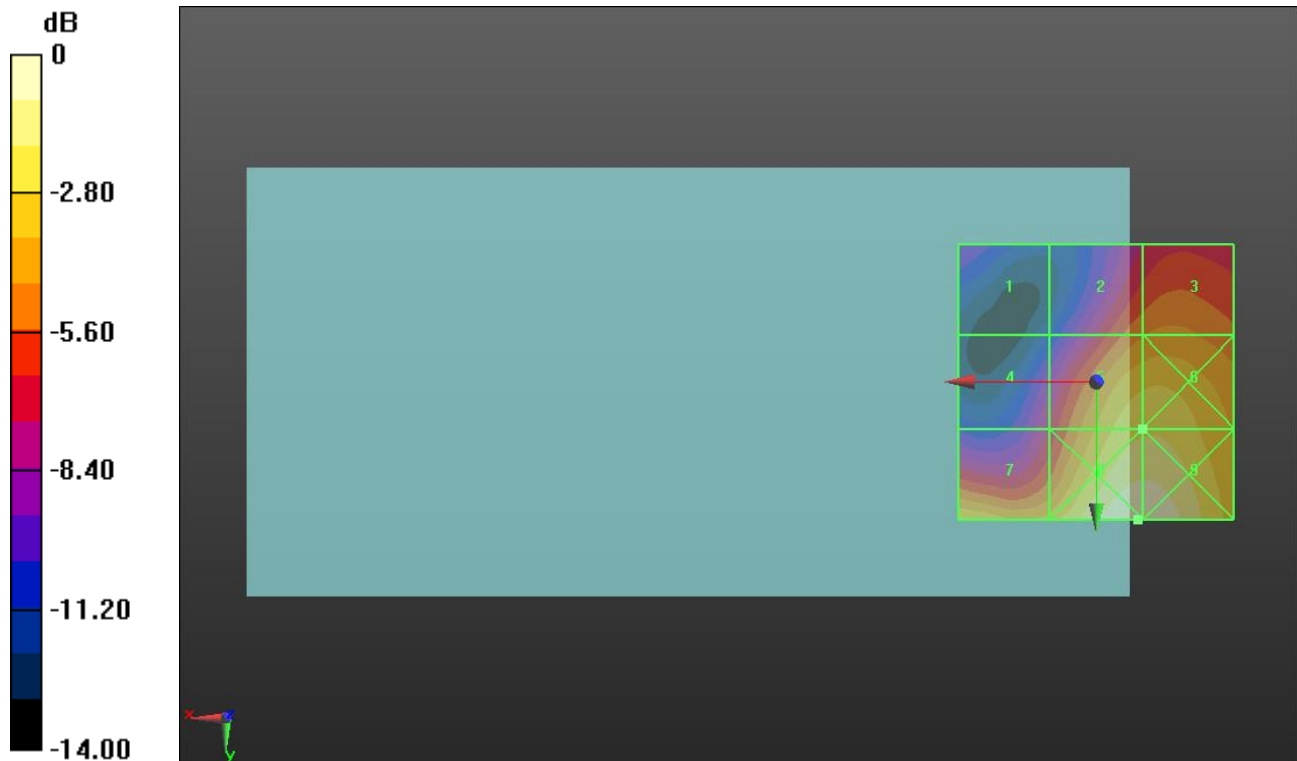
Applied MIF = 0.12 dB

RF audio interference level = 30.95 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 23.87 dBV/m	Grid 2 M4 28.25 dBV/m	Grid 3 M4 28.61 dBV/m
Grid 4 M4 25.7 dBV/m	Grid 5 M3 30.95 dBV/m	Grid 6 M3 30.99 dBV/m
Grid 7 M3 30.39 dBV/m	Grid 8 M3 32.97 dBV/m	Grid 9 M3 32.95 dBV/m



0 dB = 44.51 V/m = 32.97 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.2 GHz) E-Field measurement/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 = 9.893 V/m; Power Drift = 0.93 dB

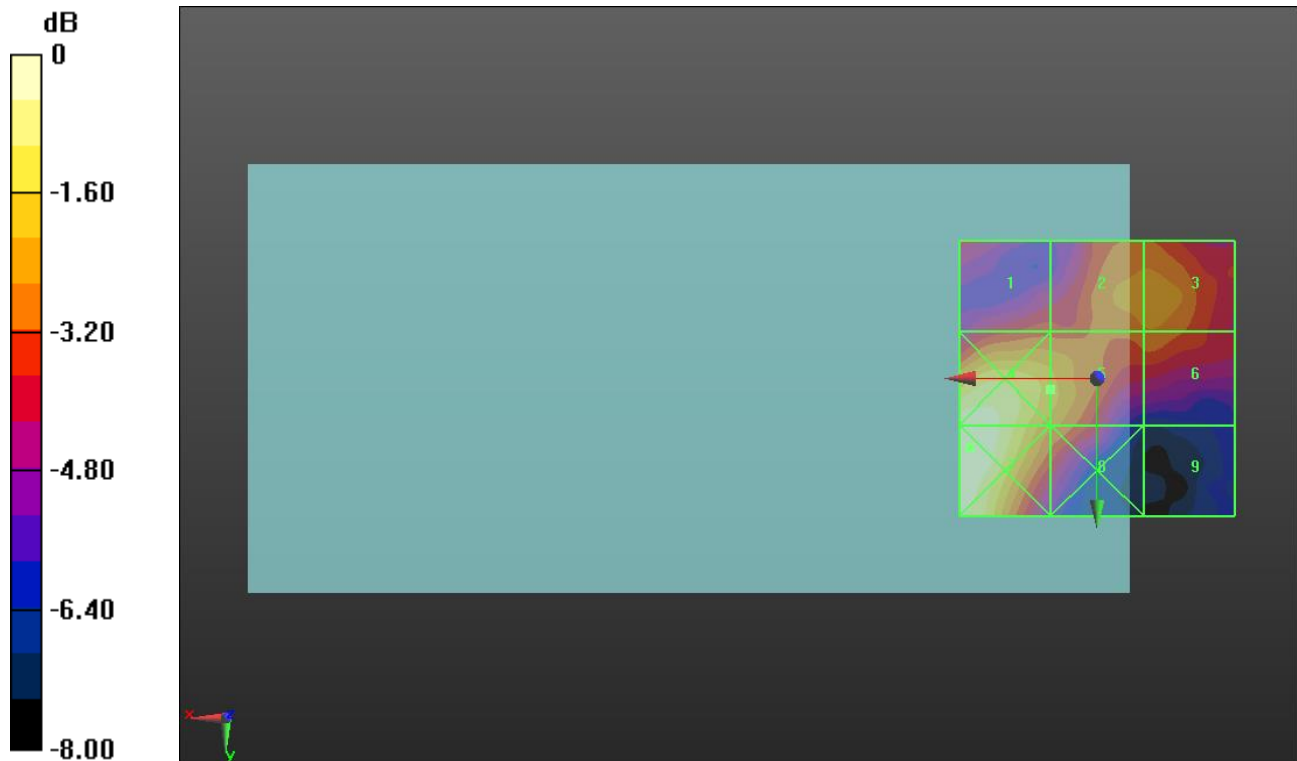
Applied MIF = -3.15 dB

RF audio interference level = 15.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.49 dBV/m	Grid 2 M4 15.43 dBV/m	Grid 3 M4 15.4 dBV/m
Grid 4 M4 17.7 dBV/m	Grid 5 M4 15.99 dBV/m	Grid 6 M4 15.14 dBV/m
Grid 7 M4 17.86 dBV/m	Grid 8 M4 15.4 dBV/m	Grid 9 M4 12.11 dBV/m



0 dB = 7.818 V/m = 17.86 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.2 GHz) E-Field measurement/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 = 9.683 V/m; Power Drift = 0.42 dB

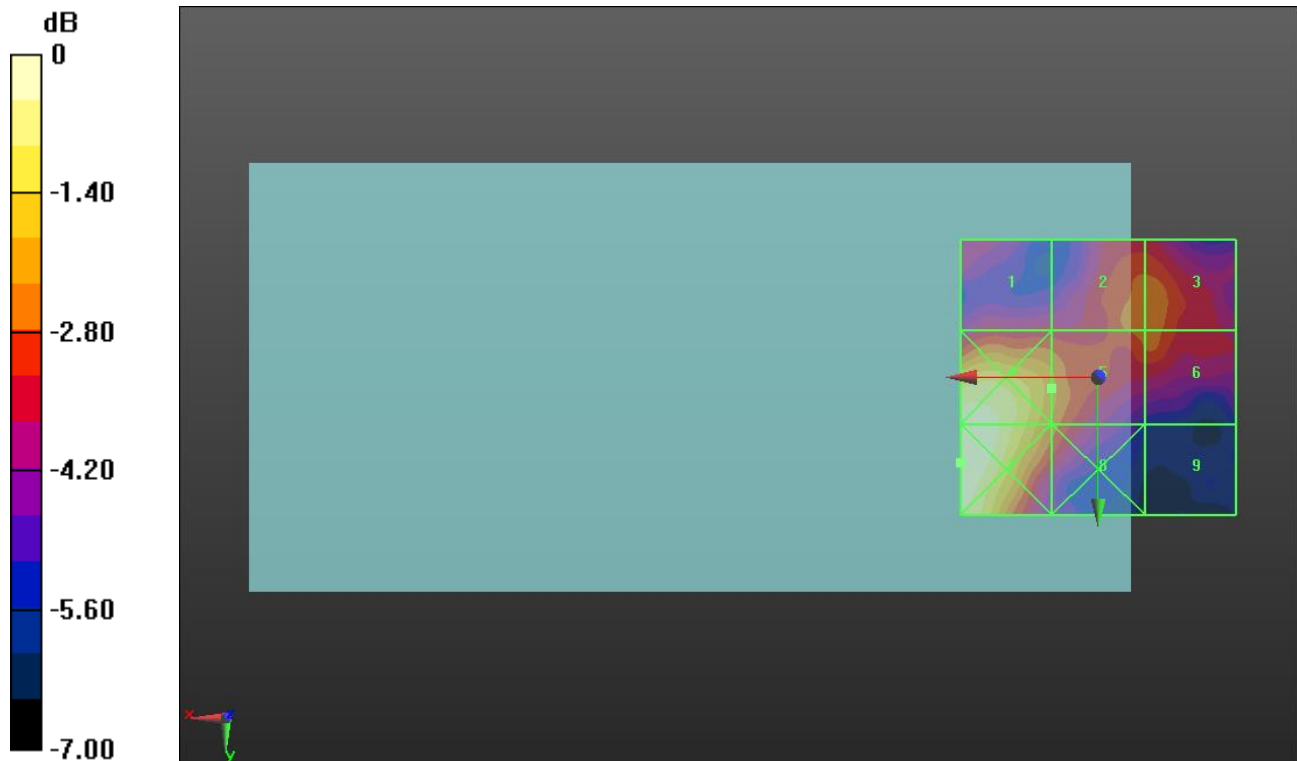
Applied MIF = -3.15 dB

RF audio interference level = 15.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.26 dBV/m	Grid 2 M4 15.37 dBV/m	Grid 3 M4 15.4 dBV/m
Grid 4 M4 17.61 dBV/m	Grid 5 M4 15.63 dBV/m	Grid 6 M4 15.17 dBV/m
Grid 7 M4 17.75 dBV/m	Grid 8 M4 15.31 dBV/m	Grid 9 M4 12.42 dBV/m



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

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.2 GHz) E-Field measurement/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 = 9.477 V/m; Power Drift = 0.32 dB

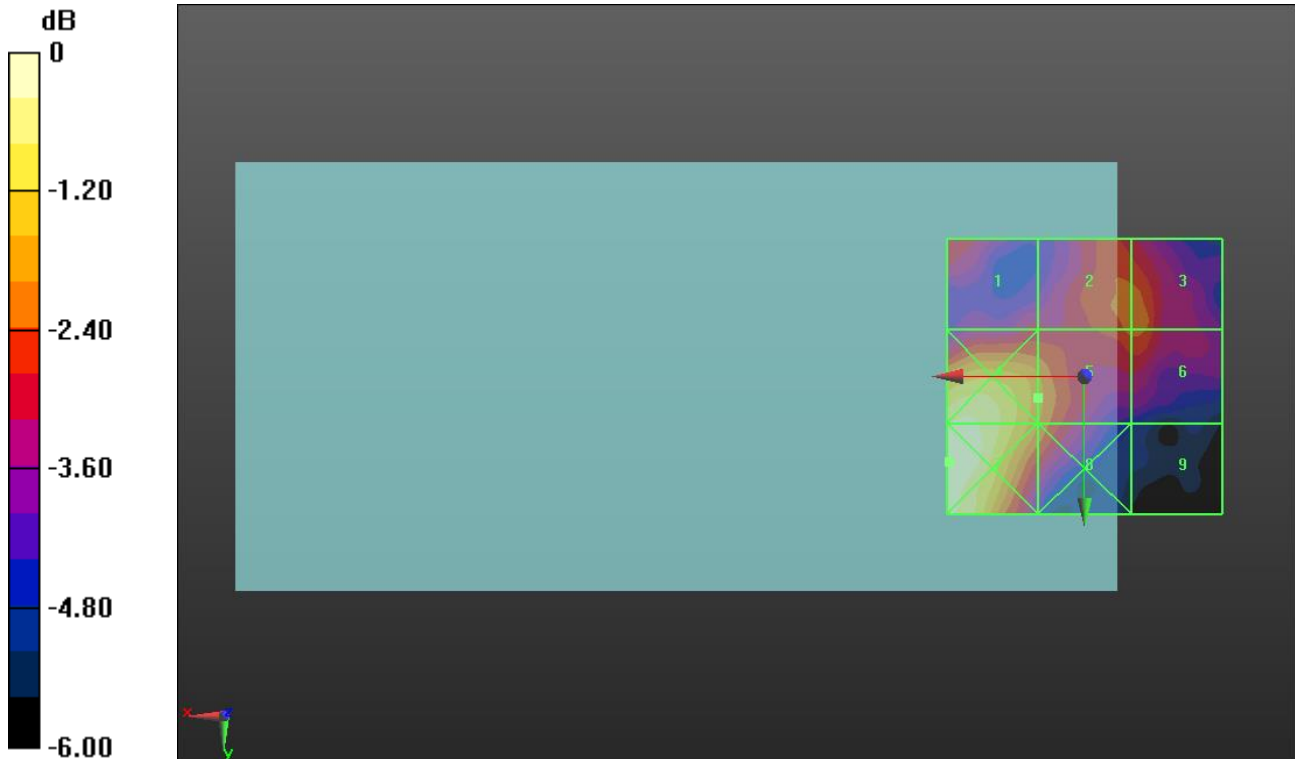
Applied MIF = -3.15 dB

RF audio interference level = 15.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.22 dBV/m	Grid 2 M4 15.07 dBV/m	Grid 3 M4 15.11 dBV/m
Grid 4 M4 16.78 dBV/m	Grid 5 M4 15.29 dBV/m	Grid 6 M4 14.92 dBV/m
Grid 7 M4 17.1 dBV/m	Grid 8 M4 15.15 dBV/m	Grid 9 M4 12.47 dBV/m



0 dB = 7.160 V/m = 17.10 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.3 GHz) E-Field measurement/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 = 9.621 V/m; Power Drift = 0.18 dB

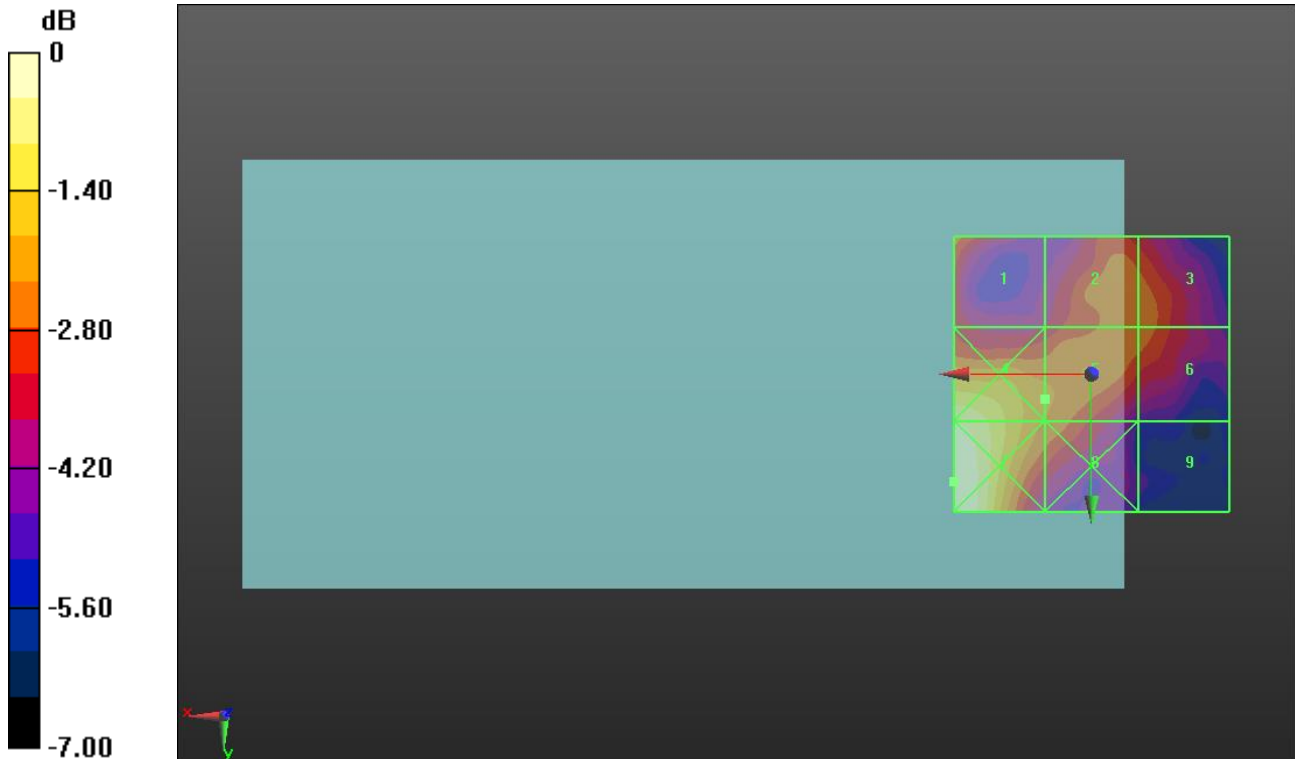
Applied MIF = -3.15 dB

RF audio interference level = 14.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.24 dBV/m	Grid 2 M4 14.24 dBV/m	Grid 3 M4 14.24 dBV/m
Grid 4 M4 16.15 dBV/m	Grid 5 M4 14.37 dBV/m	Grid 6 M4 14.18 dBV/m
Grid 7 M4 16.63 dBV/m	Grid 8 M4 14.27 dBV/m	Grid 9 M4 11.72 dBV/m



0 dB = 6.780 V/m = 16.62 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.3 GHz) E-Field measurement/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 = 8.622 V/m; Power Drift = 0.81 dB

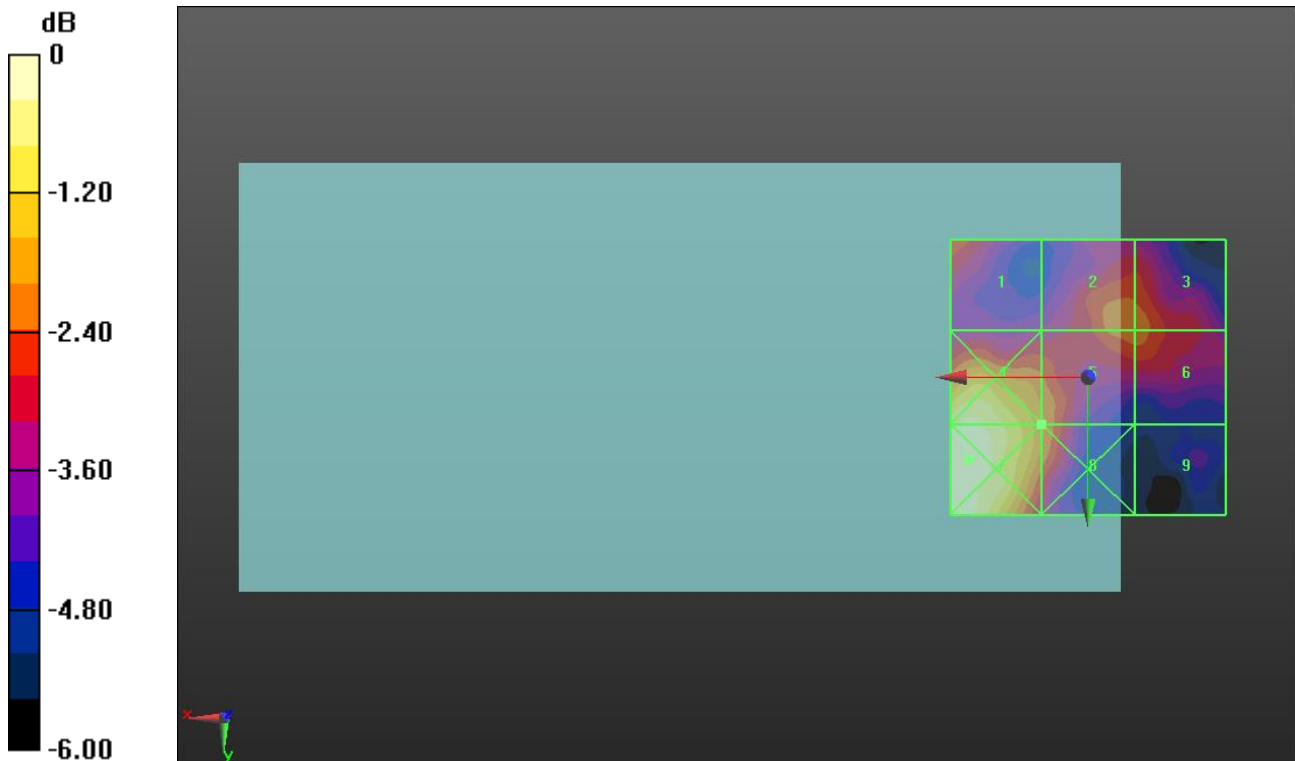
Applied MIF = -3.15 dB

RF audio interference level = 14.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 13.91 dBV/m	Grid 2 M4 14.25 dBV/m	Grid 3 M4 14.14 dBV/m
Grid 4 M4 15.99 dBV/m	Grid 5 M4 14.43 dBV/m	Grid 6 M4 14.11 dBV/m
Grid 7 M4 16.3 dBV/m	Grid 8 M4 14.43 dBV/m	Grid 9 M4 12.08 dBV/m



0 dB = 6.534 V/m = 16.30 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.3 GHz) E-Field measurement/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 = 8.682 V/m; Power Drift = 0.55 dB

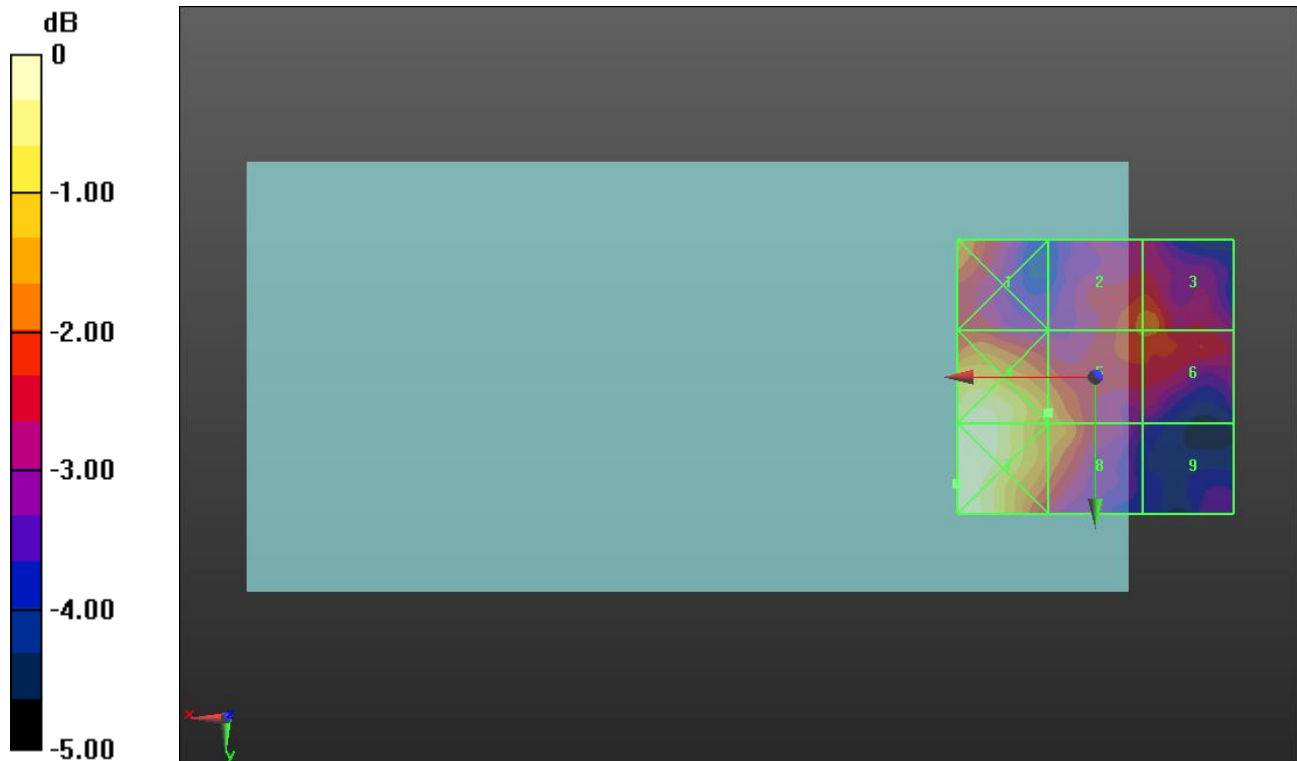
Applied MIF = -3.15 dB

RF audio interference level = 14.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.14 dBV/m	Grid 2 M4 13.78 dBV/m	Grid 3 M4 13.86 dBV/m
Grid 4 M4 15.44 dBV/m	Grid 5 M4 14.07 dBV/m	Grid 6 M4 13.76 dBV/m
Grid 7 M4 15.56 dBV/m	Grid 8 M4 14.03 dBV/m	Grid 9 M4 12.26 dBV/m



0 dB = 5.998 V/m = 15.56 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.5 GHz) E-Field measurement/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 = 9.528 V/m; Power Drift = 0.34 dB

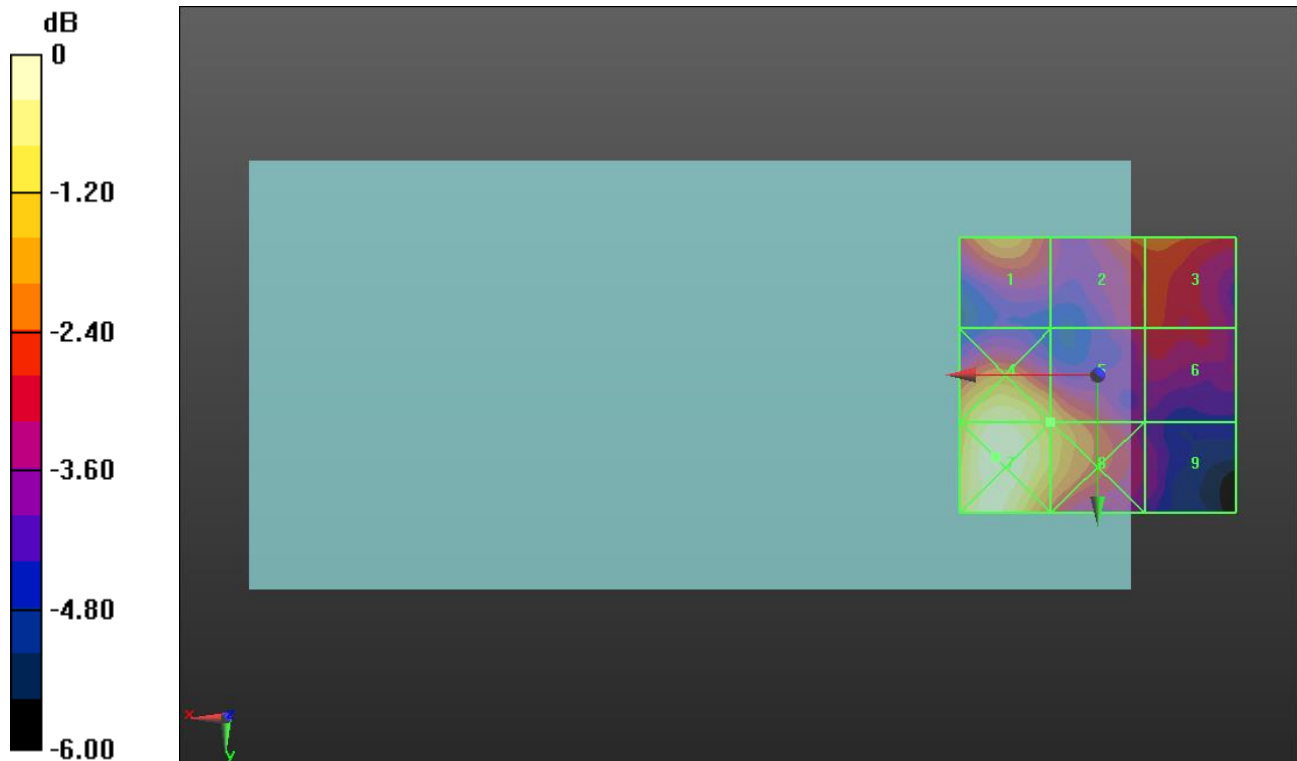
Applied MIF = -3.15 dB

RF audio interference level = 17.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.13 dBV/m	Grid 2 M4 16.73 dBV/m	Grid 3 M4 16.79 dBV/m
Grid 4 M4 18.46 dBV/m	Grid 5 M4 17.29 dBV/m	Grid 6 M4 16.04 dBV/m
Grid 7 M4 18.81 dBV/m	Grid 8 M4 17.63 dBV/m	Grid 9 M4 15.22 dBV/m



0 dB = 8.717 V/m = 18.81 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.5 GHz) E-Field measurement/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 = 10.15 V/m; Power Drift = 0.21 dB

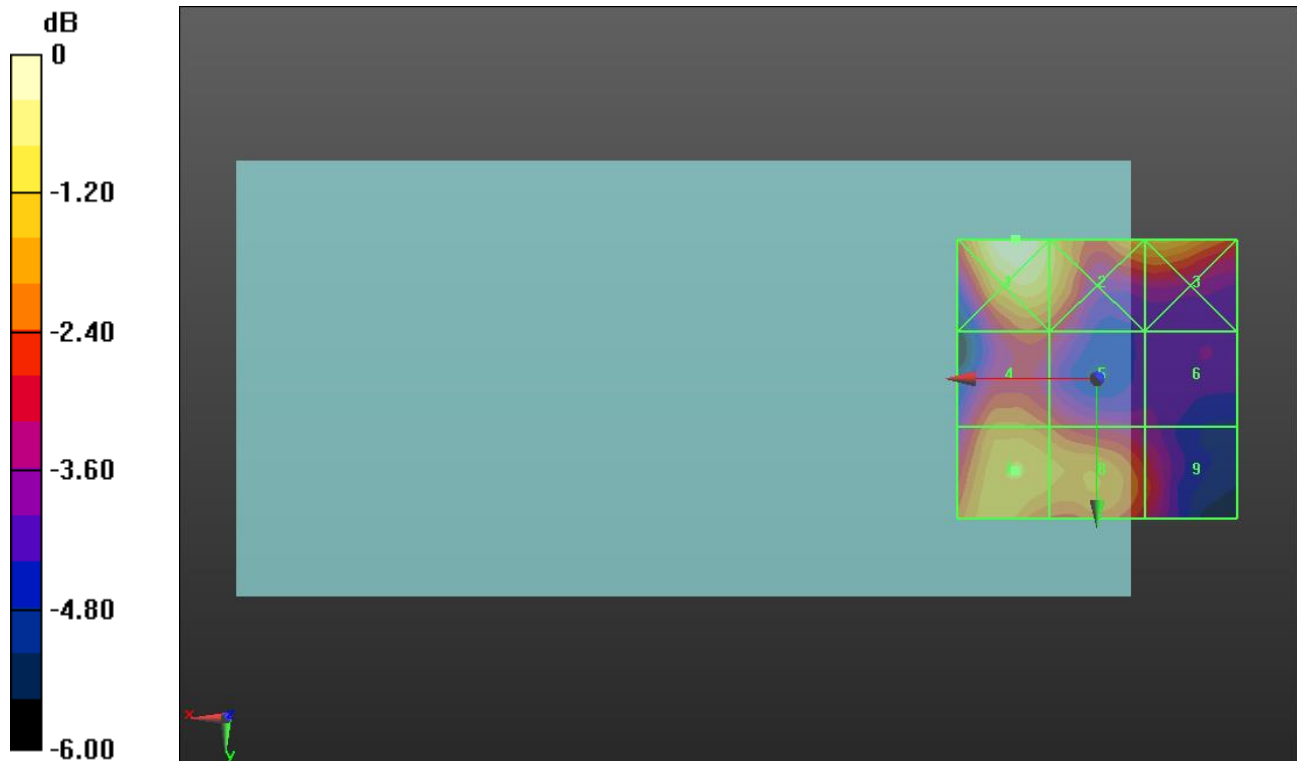
Applied MIF = -3.15 dB

RF audio interference level = 18.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.92 dBV/m	Grid 2 M4 19.03 dBV/m	Grid 3 M4 18.95 dBV/m
Grid 4 M4 18.04 dBV/m	Grid 5 M4 17.52 dBV/m	Grid 6 M4 16.17 dBV/m
Grid 7 M4 18.77 dBV/m	Grid 8 M4 18.46 dBV/m	Grid 9 M4 17.35 dBV/m



0 dB = 9.912 V/m = 19.92 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.5 GHz) E-Field measurement/OFDM, 54 Mbps_ch 144/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.24 V/m; Power Drift = 0.44 dB

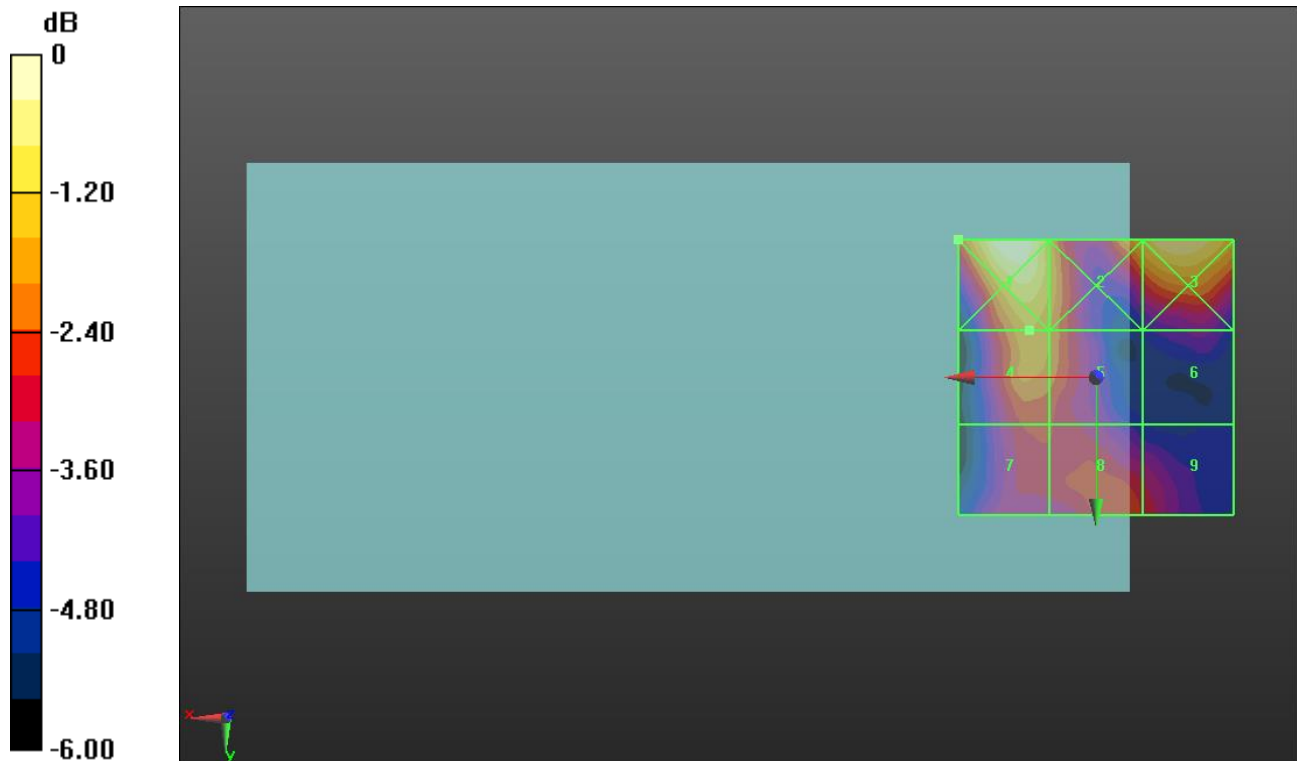
Applied MIF = -3.15 dB

RF audio interference level = 18.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.06 dBV/m	Grid 2 M4 19 dBV/m	Grid 3 M4 19.61 dBV/m
Grid 4 M4 18.41 dBV/m	Grid 5 M4 18.1 dBV/m	Grid 6 M4 16.26 dBV/m
Grid 7 M4 17.39 dBV/m	Grid 8 M4 17.54 dBV/m	Grid 9 M4 17.22 dBV/m



0 dB = 10.07 V/m = 20.06 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.8 GHz) E-Field measurement/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 = 10.55 V/m; Power Drift = 0.29 dB

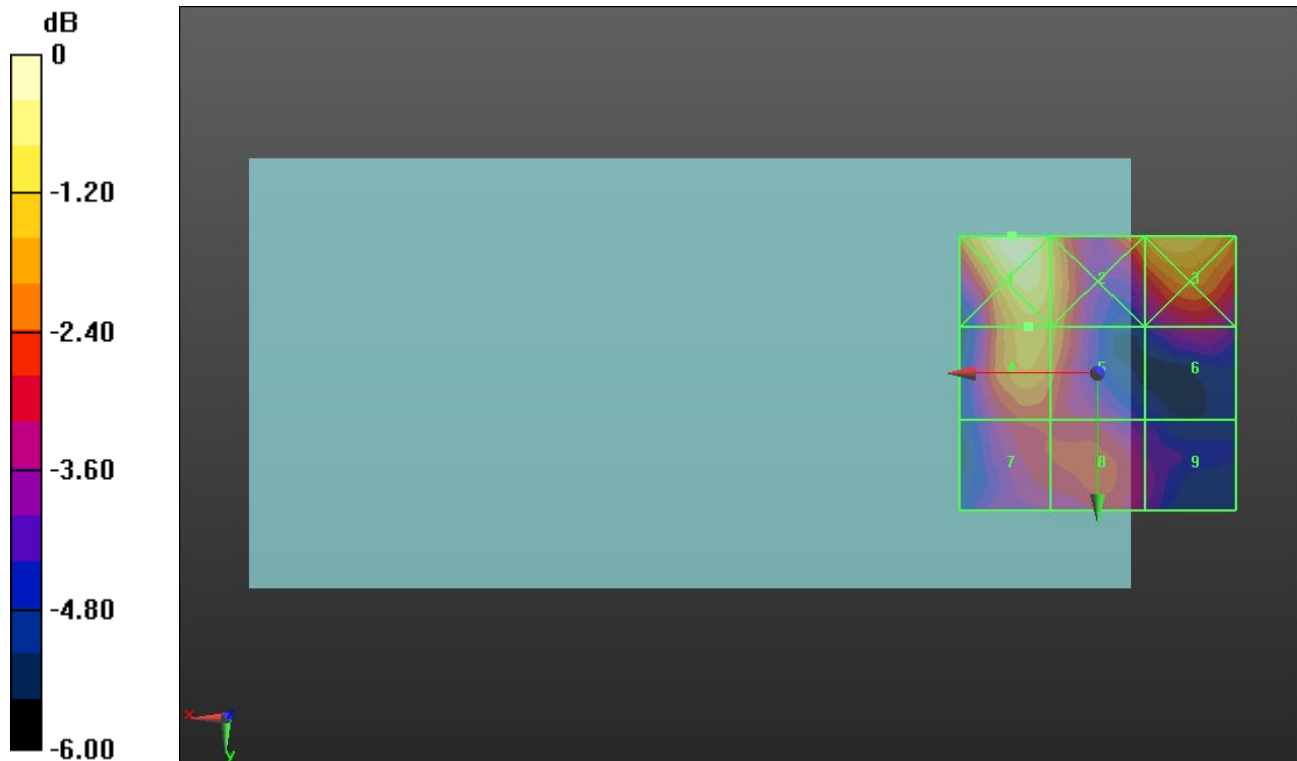
Applied MIF = -3.15 dB

RF audio interference level = 18.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.81 dBV/m	Grid 2 M4 18.53 dBV/m	Grid 3 M4 19.02 dBV/m
Grid 4 M4 18.51 dBV/m	Grid 5 M4 18.07 dBV/m	Grid 6 M4 16.47 dBV/m
Grid 7 M4 17.12 dBV/m	Grid 8 M4 17.28 dBV/m	Grid 9 M4 16.13 dBV/m



0 dB = 9.782 V/m = 19.81 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.8 GHz) E-Field measurement/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 = 10.63 V/m; Power Drift = 0.31 dB

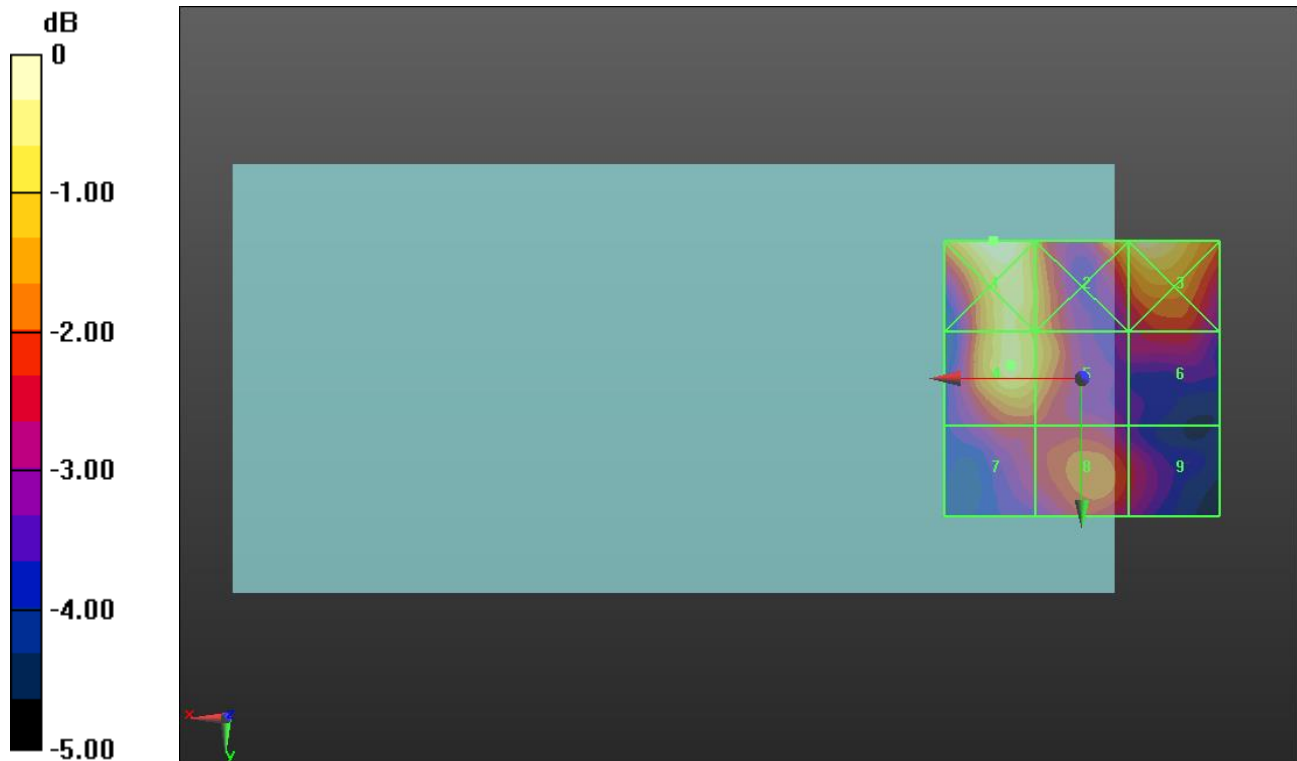
Applied MIF = -3.15 dB

RF audio interference level = 17.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.31 dBV/m	Grid 2 M4 17.85 dBV/m	Grid 3 M4 18.25 dBV/m
Grid 4 M4 17.82 dBV/m	Grid 5 M4 17.28 dBV/m	Grid 6 M4 15.98 dBV/m
Grid 7 M4 15.99 dBV/m	Grid 8 M4 16.61 dBV/m	Grid 9 M4 15.9 dBV/m



0 dB = 8.228 V/m = 18.31 dBV/m

Wi-Fi 5 GHz ANT 5

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.8 GHz) E-Field measurement/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 = 10.60 V/m; Power Drift = 0.45 dB

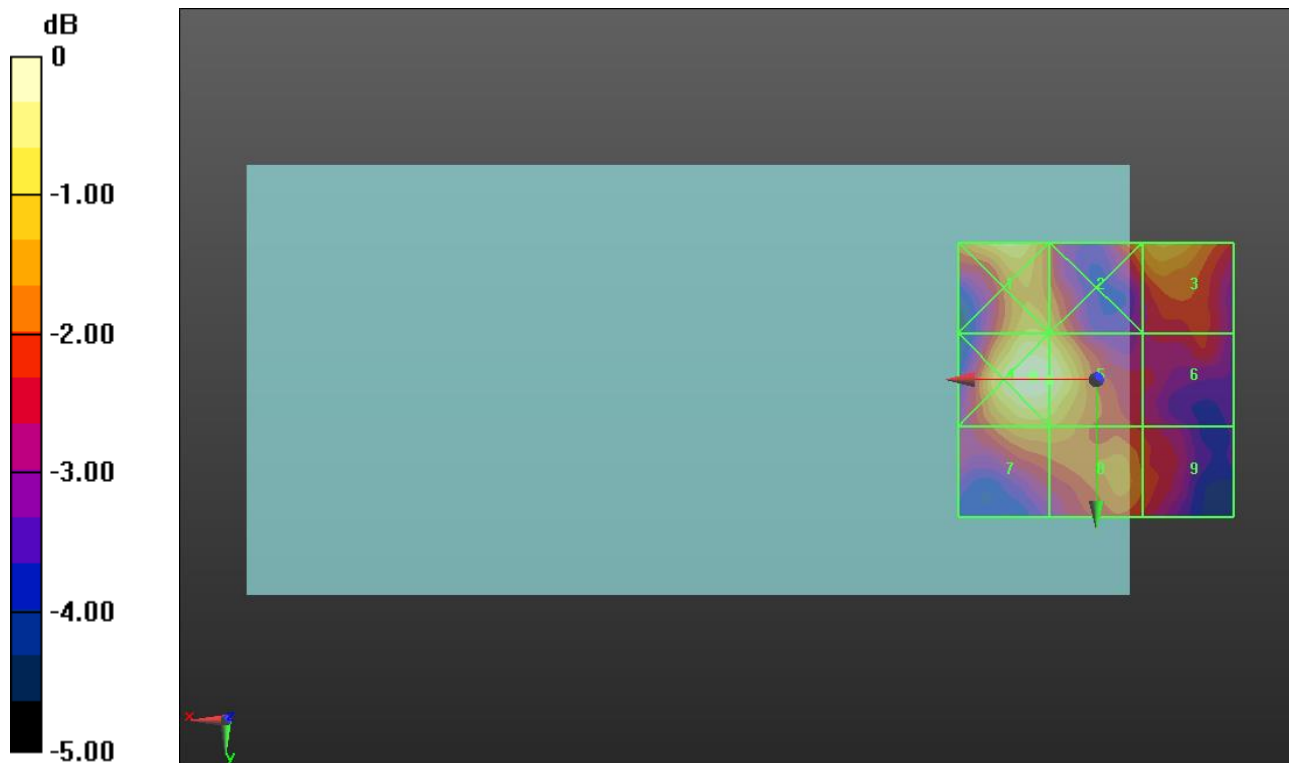
Applied MIF = -3.15 dB

RF audio interference level = 17.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.98 dBV/m	Grid 2 M4 16.3 dBV/m	Grid 3 M4 16.59 dBV/m
Grid 4 M4 17.46 dBV/m	Grid 5 M4 17.26 dBV/m	Grid 6 M4 15.24 dBV/m
Grid 7 M4 16.22 dBV/m	Grid 8 M4 16.17 dBV/m	Grid 9 M4 15.49 dBV/m



0 dB = 7.462 V/m = 17.46 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.2 GHz) E-Field measurement/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 = 25.73 V/m; Power Drift = -0.24 dB

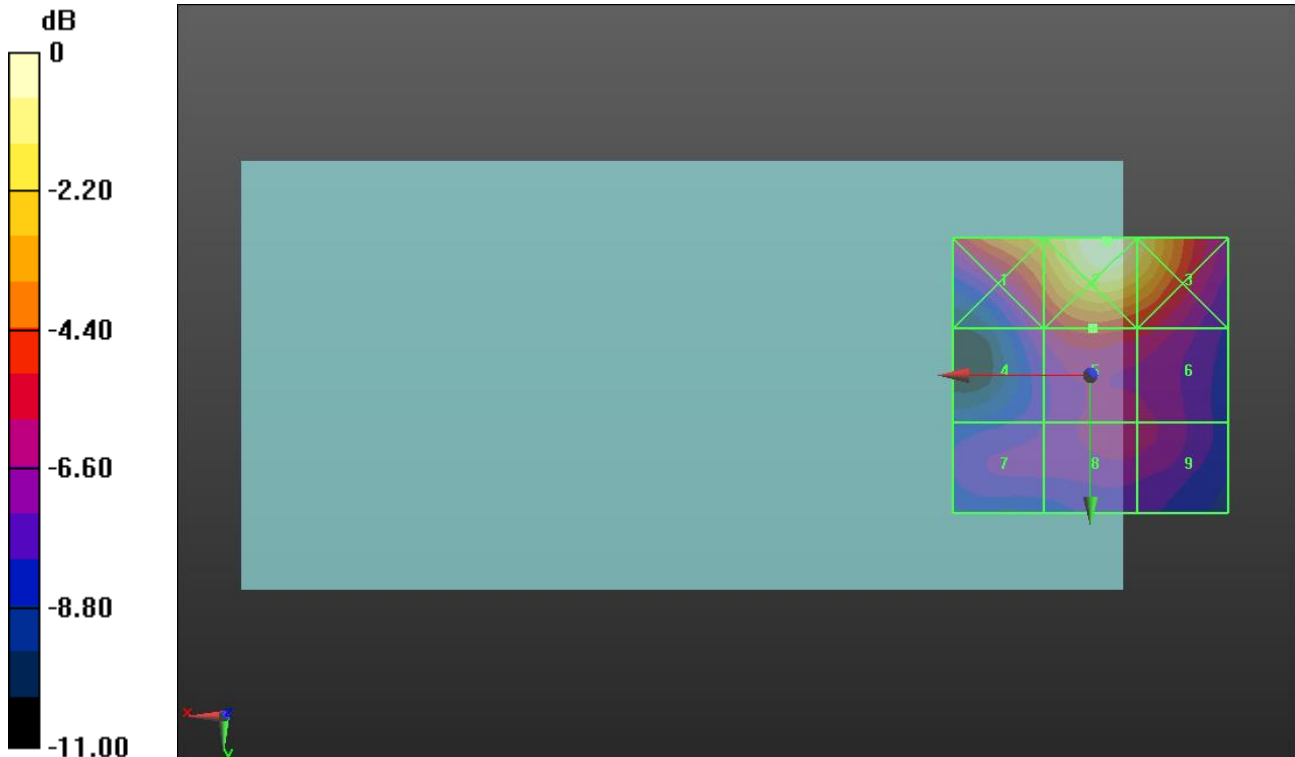
Applied MIF = -3.15 dB

RF audio interference level = 24.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.3 dBV/m	Grid 2 M4 29.66 dBV/m	Grid 3 M4 28.69 dBV/m
Grid 4 M4 23.46 dBV/m	Grid 5 M4 24.9 dBV/m	Grid 6 M4 24.33 dBV/m
Grid 7 M4 22.6 dBV/m	Grid 8 M4 23.46 dBV/m	Grid 9 M4 23.39 dBV/m



0 dB = 30.40 V/m = 29.66 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.2 GHz) E-Field measurement/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 = 26.01 V/m; Power Drift = -0.03 dB

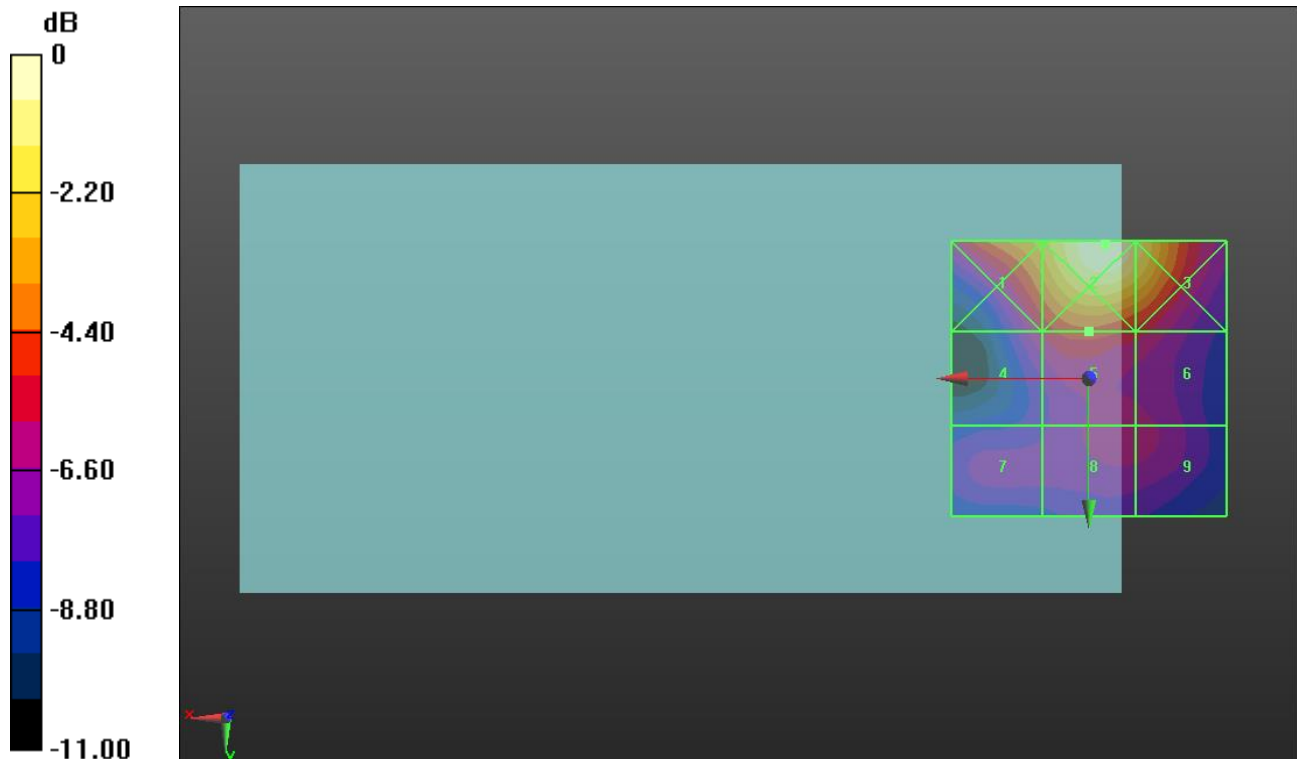
Applied MIF = -3.15 dB

RF audio interference level = 25.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.42 dBV/m	Grid 2 M4 29.92 dBV/m	Grid 3 M4 28.9 dBV/m
Grid 4 M4 24.17 dBV/m	Grid 5 M4 25.27 dBV/m	Grid 6 M4 24.48 dBV/m
Grid 7 M4 22.87 dBV/m	Grid 8 M4 23.71 dBV/m	Grid 9 M4 23.65 dBV/m



0 dB = 31.33 V/m = 29.92 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.2 GHz) E-Field measurement/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 = 26.71 V/m; Power Drift = -0.09 dB

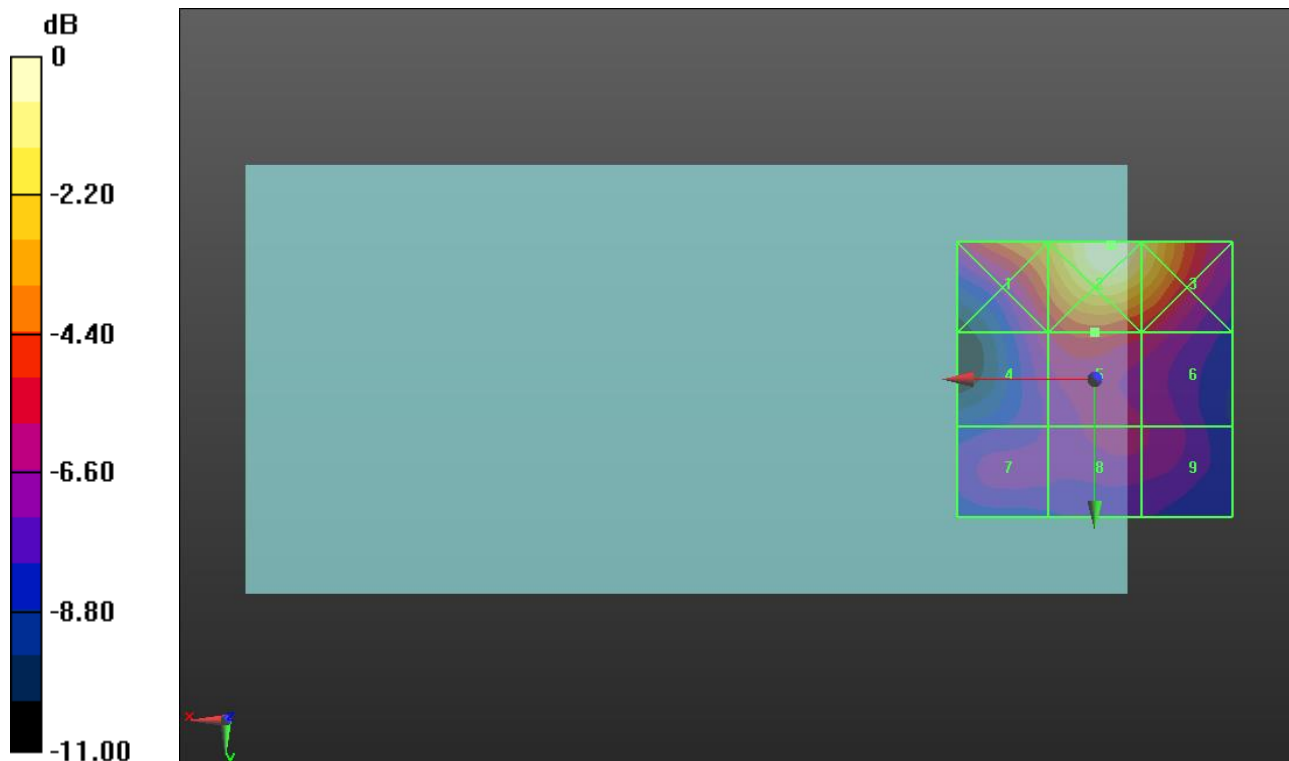
Applied MIF = -3.15 dB

RF audio interference level = 25.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.15 dBV/m	Grid 2 M4 29.8 dBV/m	Grid 3 M4 28.73 dBV/m
Grid 4 M4 23.92 dBV/m	Grid 5 M4 25.03 dBV/m	Grid 6 M4 24.25 dBV/m
Grid 7 M4 22.73 dBV/m	Grid 8 M4 23.52 dBV/m	Grid 9 M4 23.33 dBV/m



0 dB = 30.91 V/m = 29.80 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.3 GHz) E-Field measurement/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 = 26.72 V/m; Power Drift = -0.11 dB

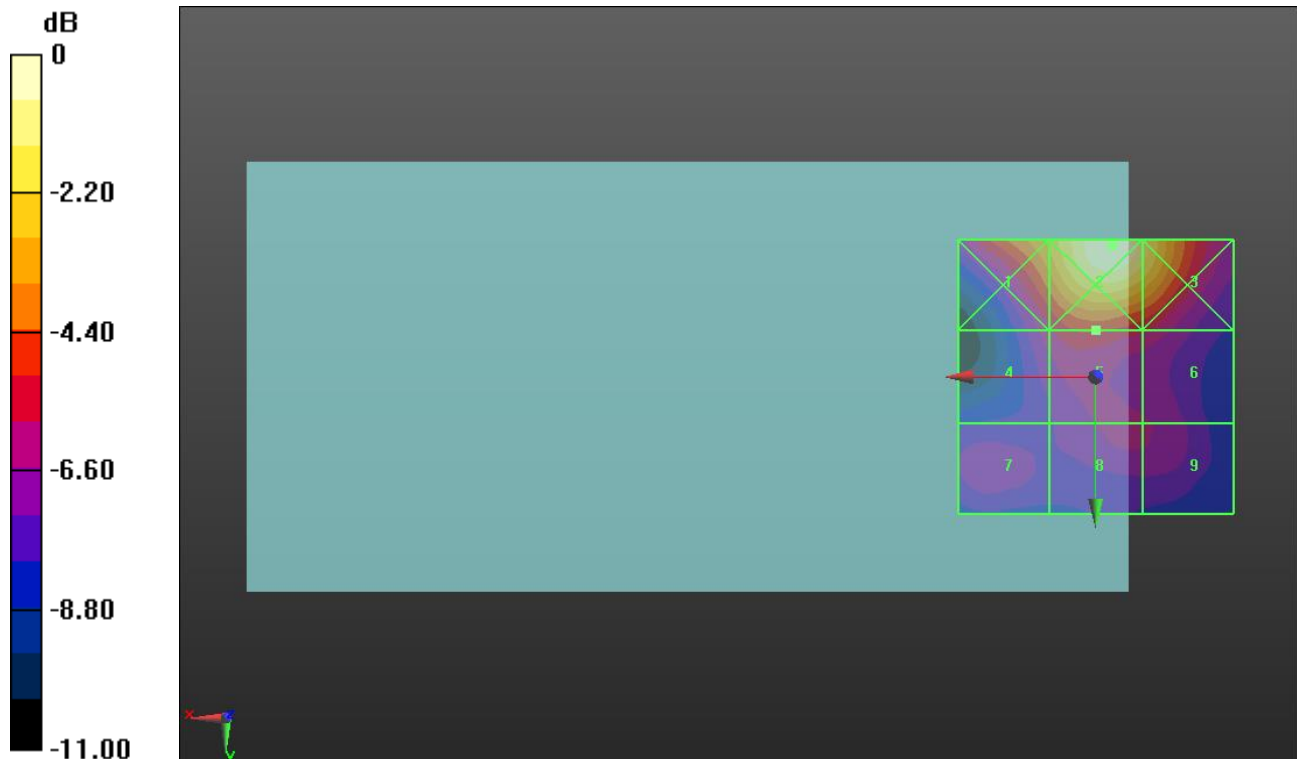
Applied MIF = -3.15 dB

RF audio interference level = 24.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.04 dBV/m	Grid 2 M4 29.75 dBV/m	Grid 3 M4 28.66 dBV/m
Grid 4 M4 23.74 dBV/m	Grid 5 M4 24.81 dBV/m	Grid 6 M4 24.05 dBV/m
Grid 7 M4 22.88 dBV/m	Grid 8 M4 23.41 dBV/m	Grid 9 M4 23.29 dBV/m



0 dB = 30.73 V/m = 29.75 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.3 GHz) E-Field measurement/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 = 27.38 V/m; Power Drift = -0.00 dB

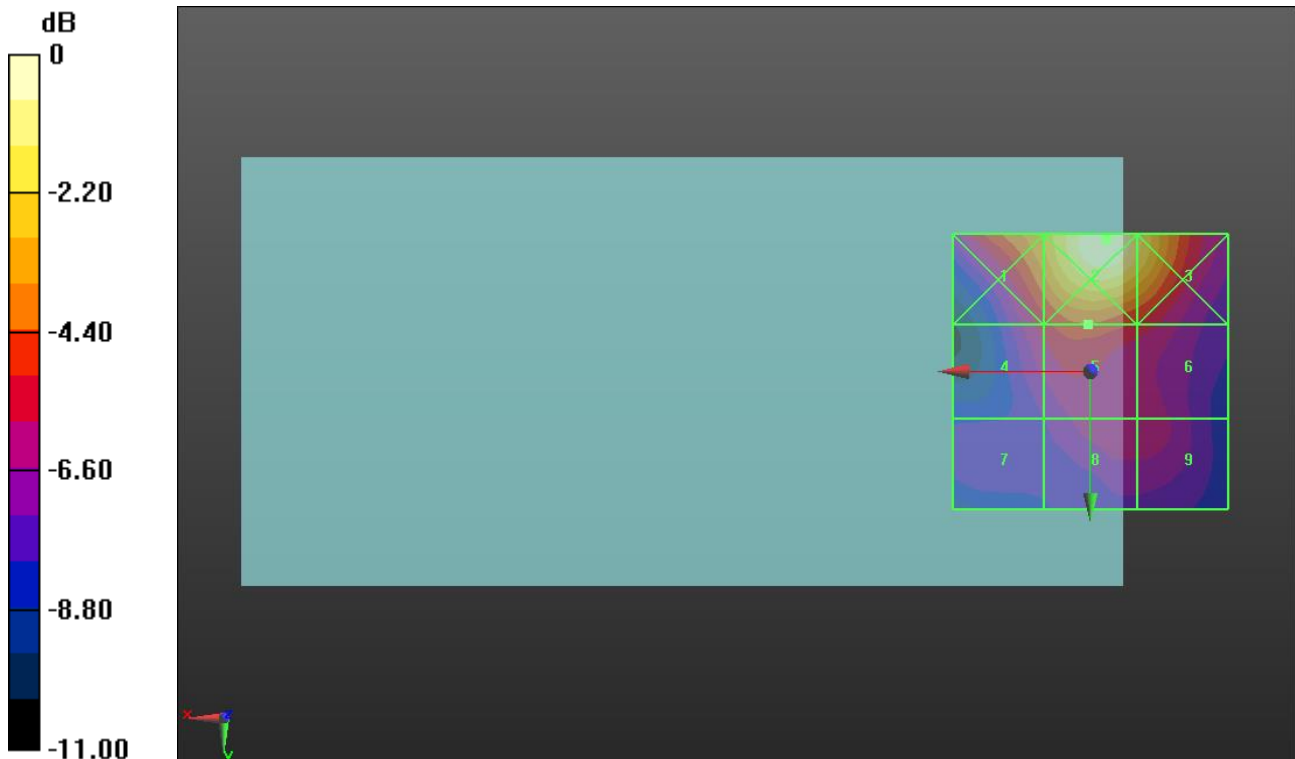
Applied MIF = -3.15 dB

RF audio interference level = 25.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.85 dBV/m	Grid 2 M4 29.6 dBV/m	Grid 3 M4 28.42 dBV/m
Grid 4 M4 24.14 dBV/m	Grid 5 M4 25.15 dBV/m	Grid 6 M4 24.3 dBV/m
Grid 7 M4 22.28 dBV/m	Grid 8 M4 23.66 dBV/m	Grid 9 M4 23.55 dBV/m



0 dB = 30.20 V/m = 29.60 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.3 GHz) E-Field measurement/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 = 27.35 V/m; Power Drift = -0.12 dB

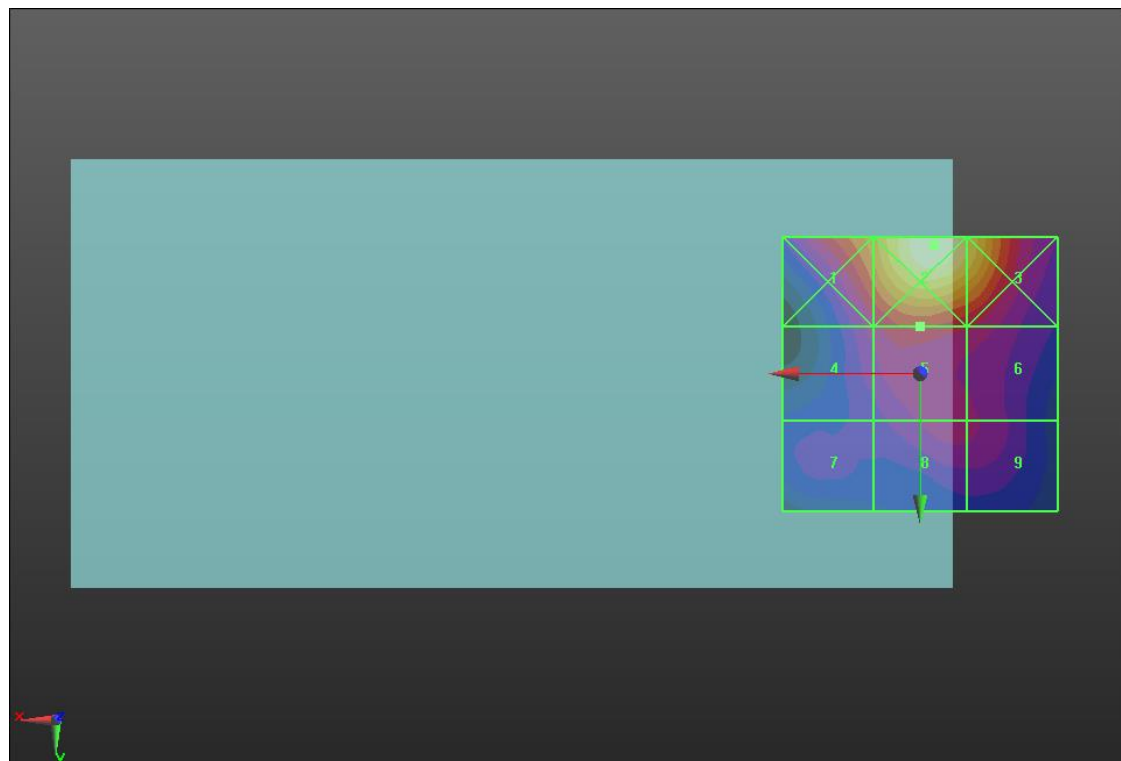
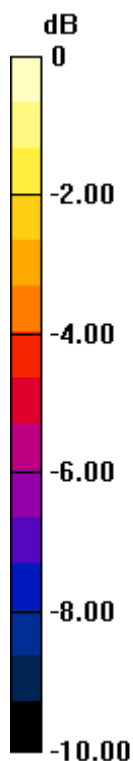
Applied MIF = -3.15 dB

RF audio interference level = 24.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.52 dBV/m	Grid 2 M4 29.38 dBV/m	Grid 3 M4 28.16 dBV/m
Grid 4 M4 23.81 dBV/m	Grid 5 M4 24.83 dBV/m	Grid 6 M4 24.17 dBV/m
Grid 7 M4 22.43 dBV/m	Grid 8 M4 23.74 dBV/m	Grid 9 M4 23.59 dBV/m



0 dB = 29.43 V/m = 29.38 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.5 GHz) E-Field measurement/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 = 23.87 V/m; Power Drift = 0.05 dB

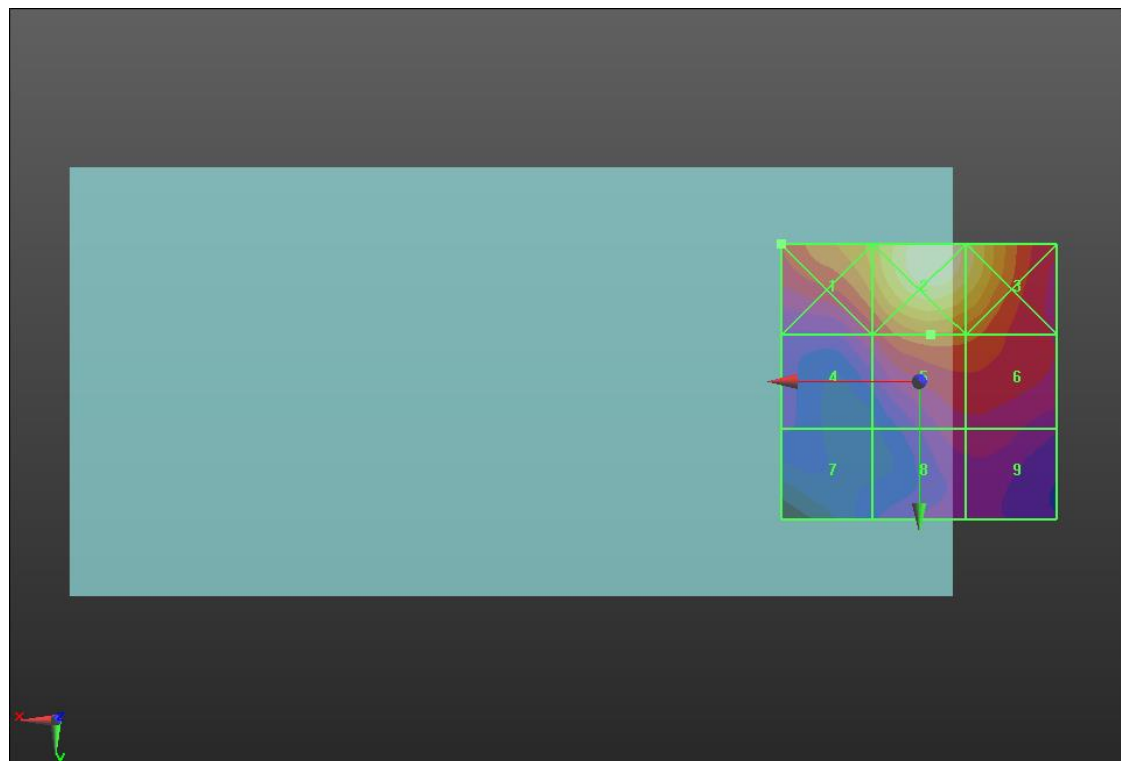
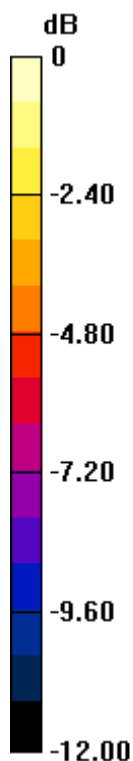
Applied MIF = -3.15 dB

RF audio interference level = 24.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.18 dBV/m	Grid 2 M4 29.02 dBV/m	Grid 3 M4 27.94 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 24.93 dBV/m	Grid 6 M4 24.56 dBV/m
Grid 7 M4 20.32 dBV/m	Grid 8 M4 22.39 dBV/m	Grid 9 M4 22.42 dBV/m



0 dB = 28.25 V/m = 29.02 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.5 GHz) E-Field measurement/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 = 23.91 V/m; Power Drift = 0.03 dB

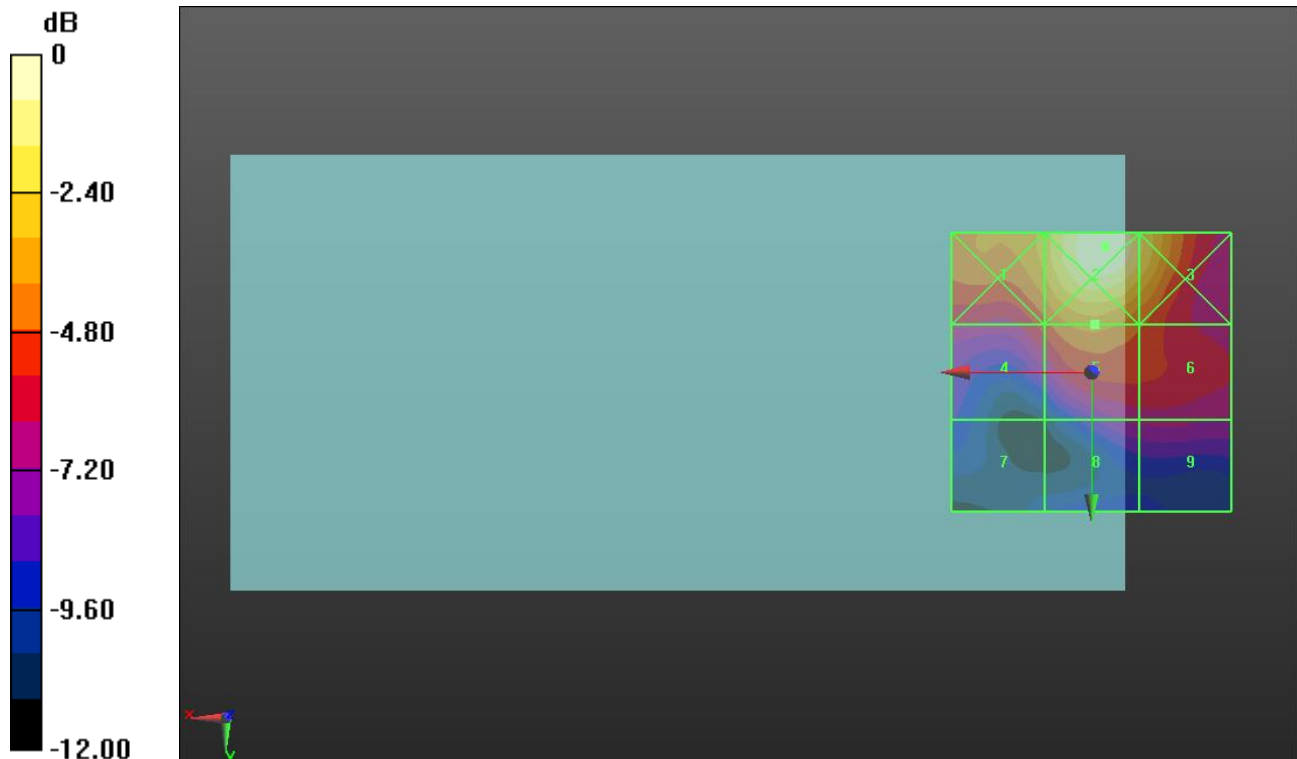
Applied MIF = -3.15 dB

RF audio interference level = 24.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.05 dBV/m	Grid 2 M4 27.85 dBV/m	Grid 3 M4 26.51 dBV/m
Grid 4 M4 22.67 dBV/m	Grid 5 M4 24.21 dBV/m	Grid 6 M4 23.22 dBV/m
Grid 7 M4 19.2 dBV/m	Grid 8 M4 20.92 dBV/m	Grid 9 M4 21.05 dBV/m



0 dB = 24.68 V/m = 27.85 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.5 GHz) E-Field measurement/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 = 21.23 V/m; Power Drift = 0.32 dB

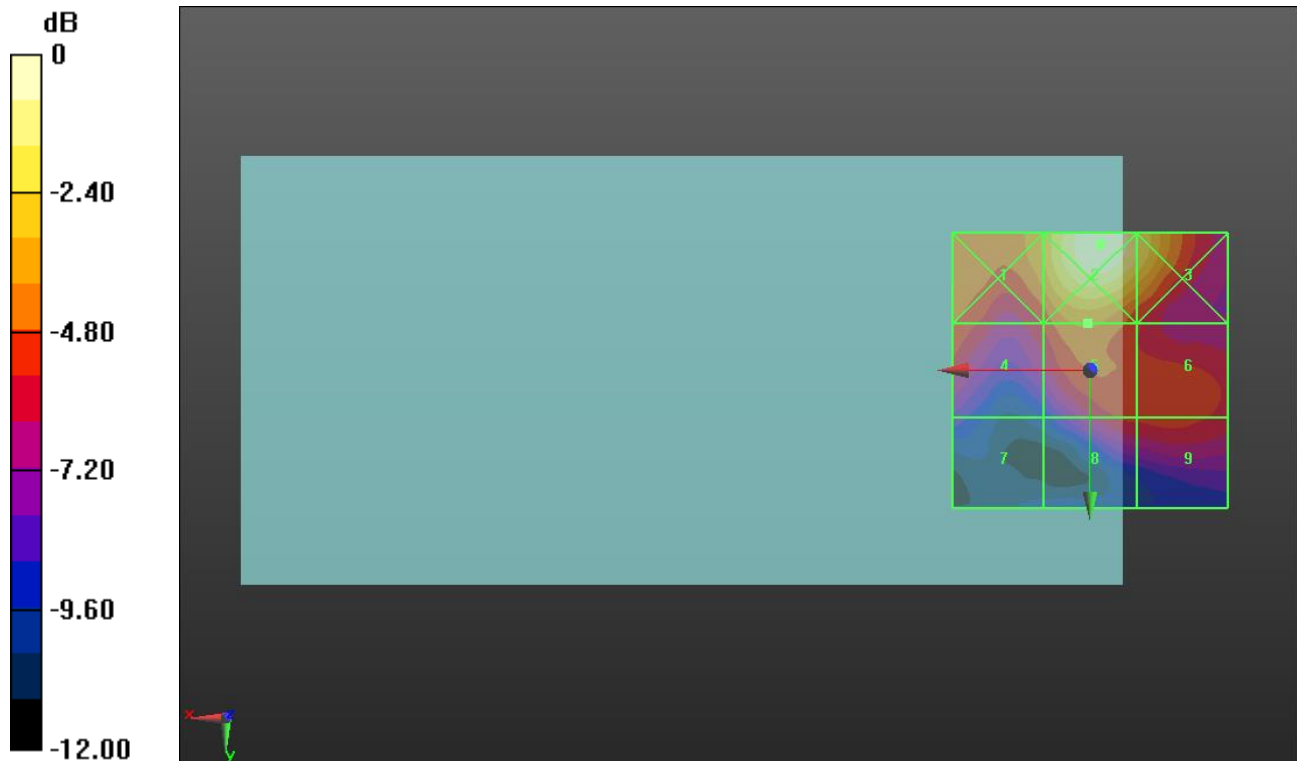
Applied MIF = -3.15 dB

RF audio interference level = 22.54 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.34 dBV/m	Grid 2 M4 26.36 dBV/m	Grid 3 M4 24.95 dBV/m
Grid 4 M4 21.69 dBV/m	Grid 5 M4 22.54 dBV/m	Grid 6 M4 21.51 dBV/m
Grid 7 M4 18.19 dBV/m	Grid 8 M4 21.02 dBV/m	Grid 9 M4 21.17 dBV/m



0 dB = 20.80 V/m = 26.36 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.8 GHz) E-Field measurement/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 = 20.14 V/m; Power Drift = -0.17 dB

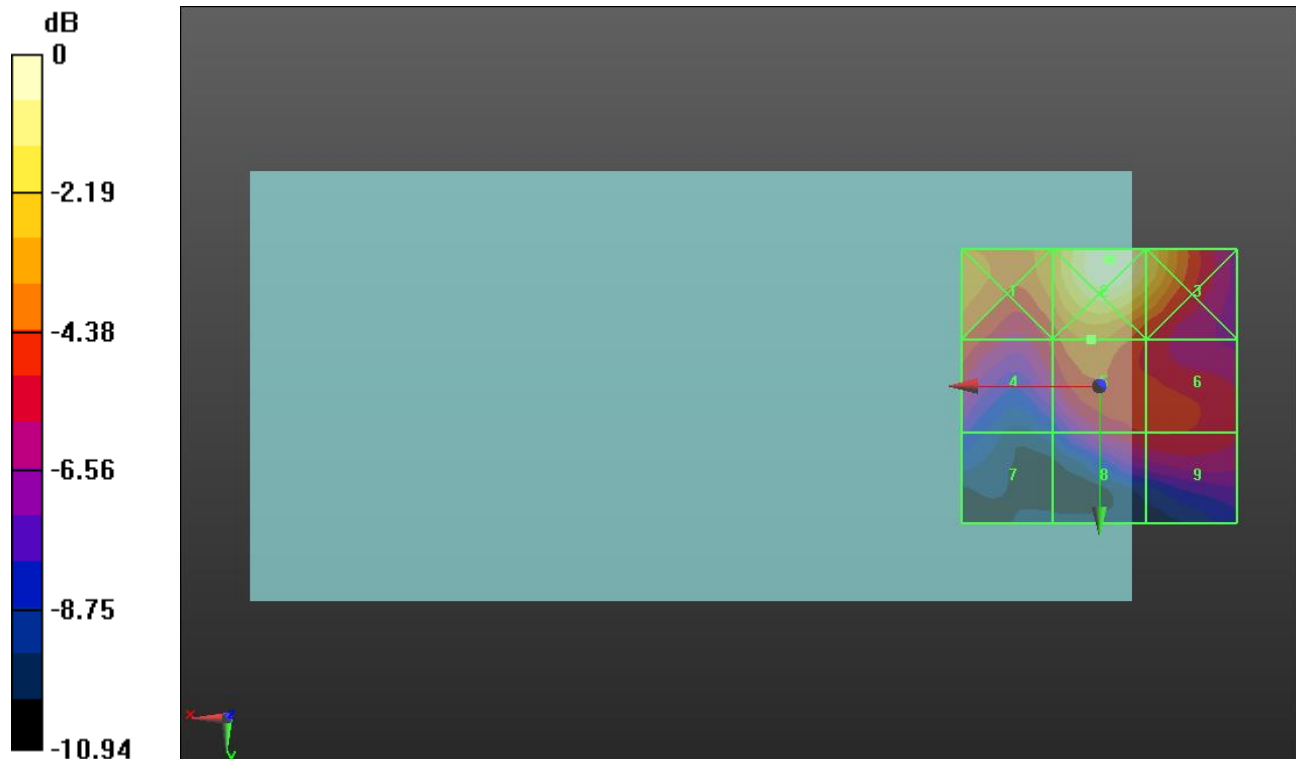
Applied MIF = -3.15 dB

RF audio interference level = 21.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.5 dBV/m	Grid 2 M4 25.31 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 21.06 dBV/m	Grid 5 M4 21.76 dBV/m	Grid 6 M4 20.59 dBV/m
Grid 7 M4 17.53 dBV/m	Grid 8 M4 20.2 dBV/m	Grid 9 M4 20.28 dBV/m



0 dB = 18.43 V/m = 25.31 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.8 GHz) E-Field measurement/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 = 18.00 V/m; Power Drift = 0.03 dB

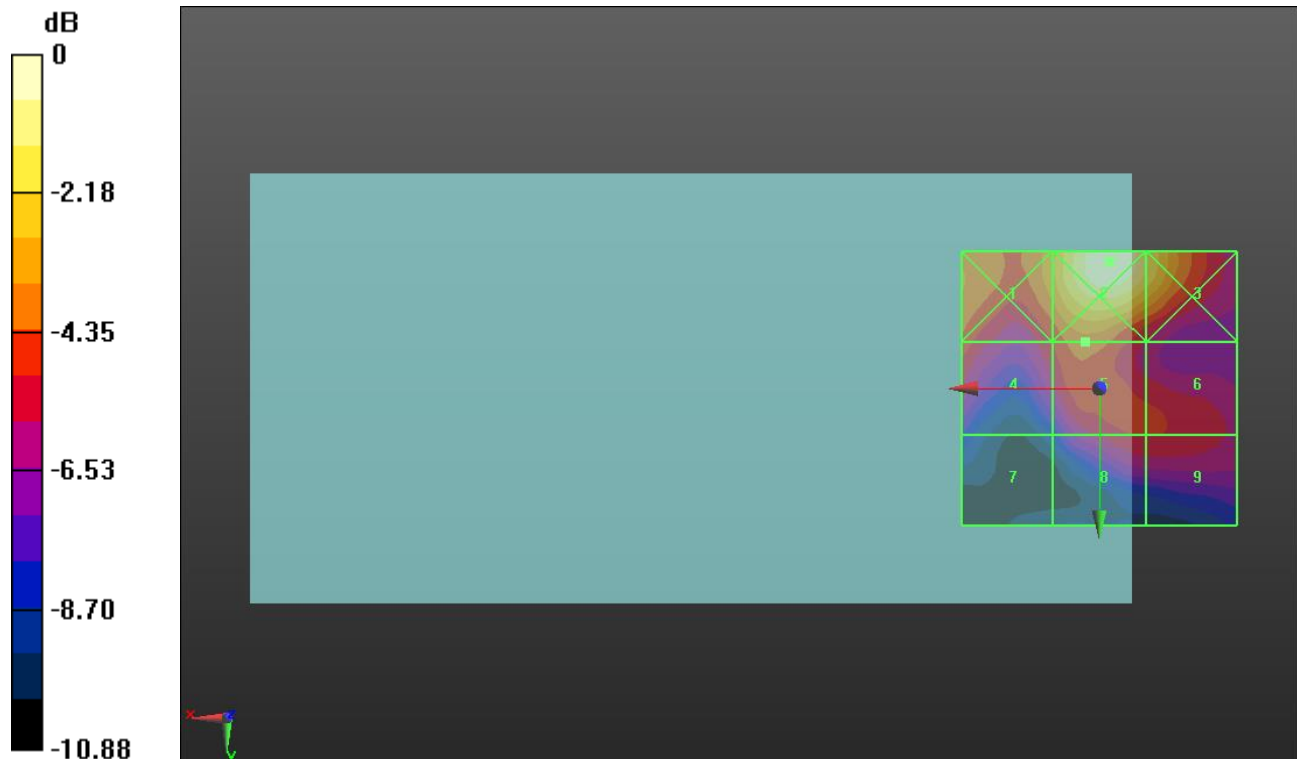
Applied MIF = -3.15 dB

RF audio interference level = 20.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.84 dBV/m	Grid 2 M4 24.83 dBV/m	Grid 3 M4 23.5 dBV/m
Grid 4 M4 20.33 dBV/m	Grid 5 M4 20.92 dBV/m	Grid 6 M4 19.95 dBV/m
Grid 7 M4 16.91 dBV/m	Grid 8 M4 19.81 dBV/m	Grid 9 M4 19.81 dBV/m



0 dB = 17.44 V/m = 24.83 dBV/m

Wi-Fi 5 GHz ANT 6

Communication System: UID 10069 - CAC, 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 - SN4041; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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)

802.11a (5.8 GHz) E-Field measurement/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 = 15.76 V/m; Power Drift = 0.18 dB

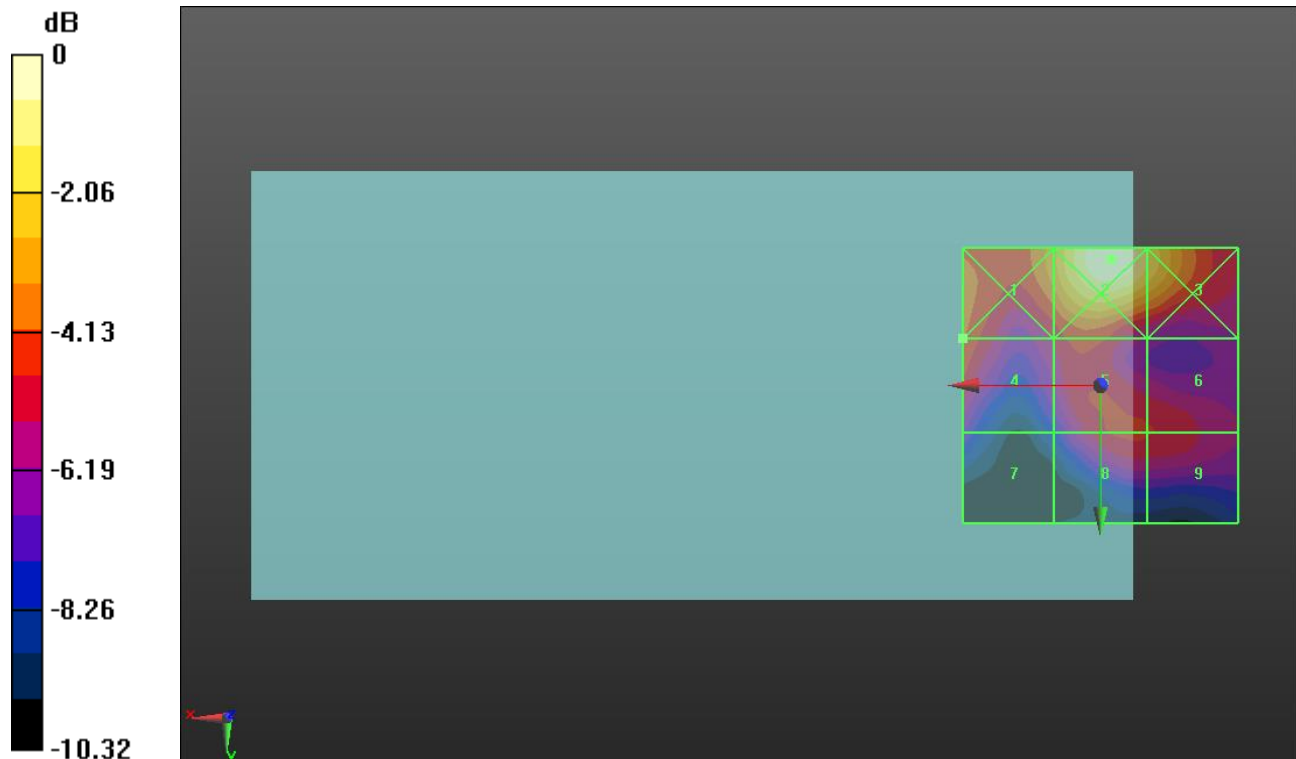
Applied MIF = -3.15 dB

RF audio interference level = 20.08 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.2 dBV/m	Grid 2 M4 24.1 dBV/m	Grid 3 M4 22.79 dBV/m
Grid 4 M4 20.08 dBV/m	Grid 5 M4 19.64 dBV/m	Grid 6 M4 19.36 dBV/m
Grid 7 M4 17.34 dBV/m	Grid 8 M4 19.47 dBV/m	Grid 9 M4 19.36 dBV/m



0 dB = 16.04 V/m = 24.10 dBV/m

LTE Band 48 ANT 7

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 10.06 V/m; Power Drift = -0.13 dB

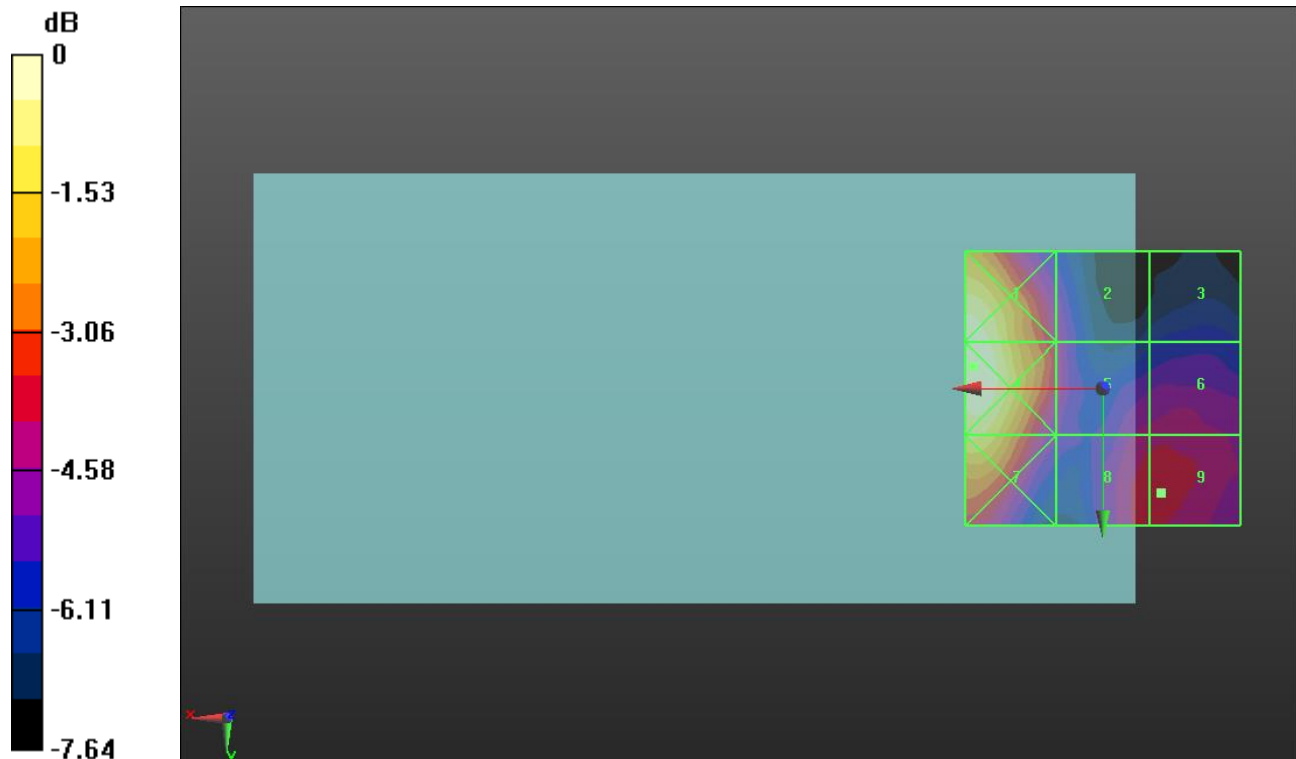
Applied MIF = -1.44 dB

RF audio interference level = 18.75 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.33 dBV/m	Grid 2 M4 18.14 dBV/m	Grid 3 M4 16.66 dBV/m
Grid 4 M4 22.43 dBV/m	Grid 5 M4 18.47 dBV/m	Grid 6 M4 18.23 dBV/m
Grid 7 M4 21.53 dBV/m	Grid 8 M4 18.7 dBV/m	Grid 9 M4 18.75 dBV/m



0 dB = 13.22 V/m = 22.42 dBV/m

LTE Band 48 ANT 7

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 9.775 V/m; Power Drift = -0.12 dB

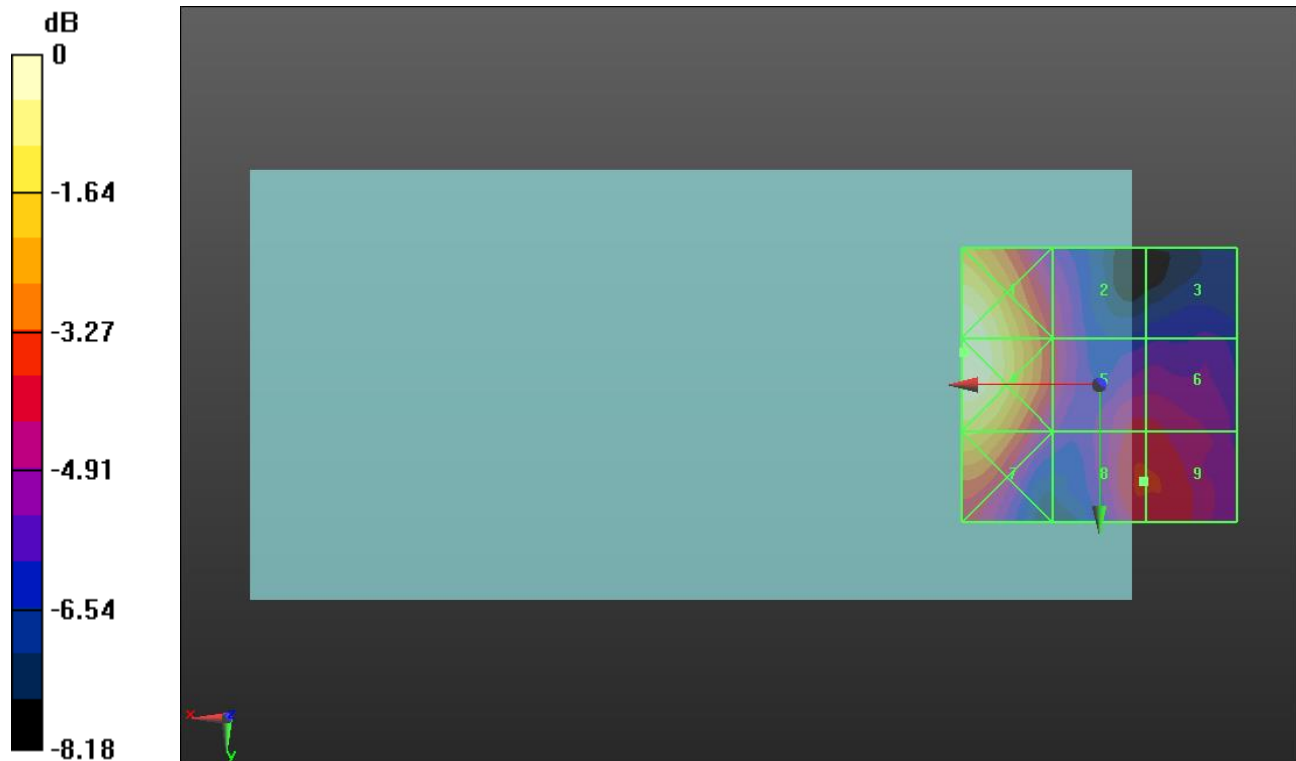
Applied MIF = -1.44 dB

RF audio interference level = 18.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.96 dBV/m	Grid 2 M4 17.93 dBV/m	Grid 3 M4 16.14 dBV/m
Grid 4 M4 22 dBV/m	Grid 5 M4 18.06 dBV/m	Grid 6 M4 17.84 dBV/m
Grid 7 M4 20.54 dBV/m	Grid 8 M4 18.28 dBV/m	Grid 9 M4 18.27 dBV/m



0 dB = 12.59 V/m = 22.00 dBV/m

LTE Band 48 ANT 7

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 9.739 V/m; Power Drift = -0.00 dB

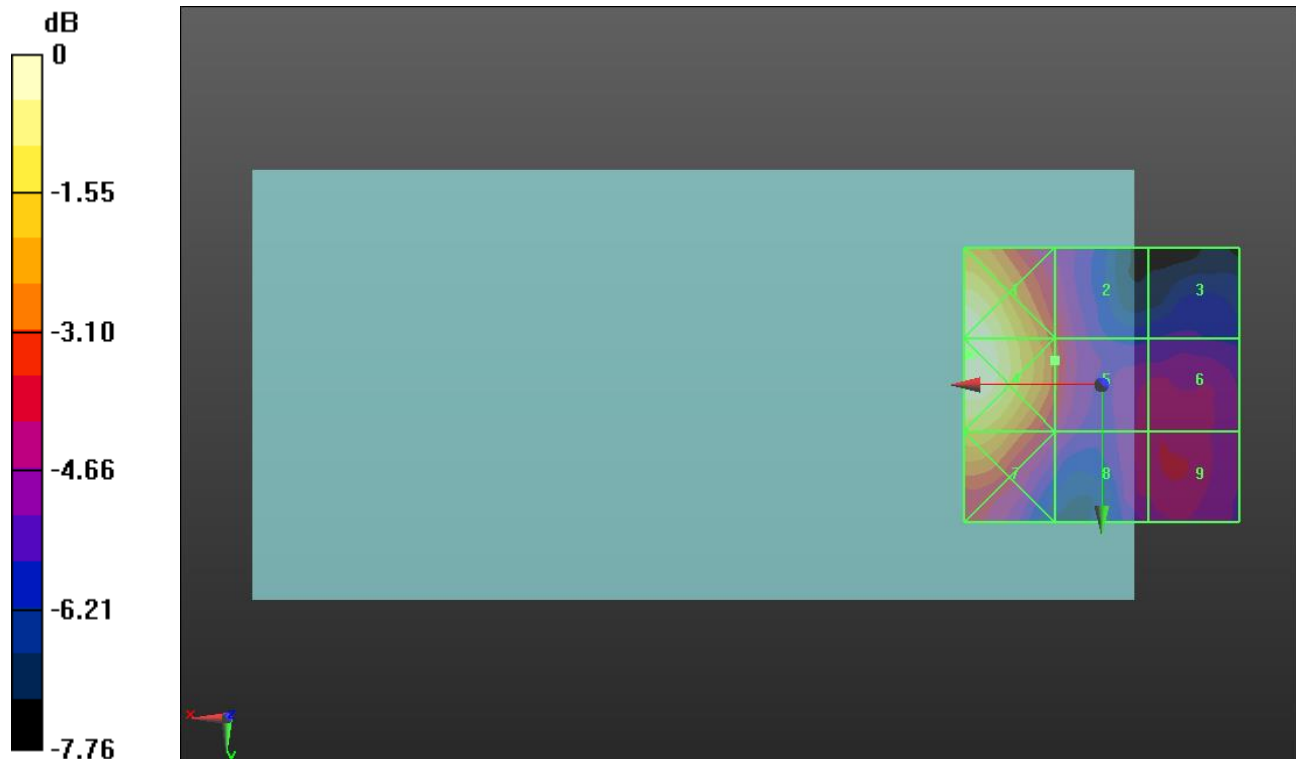
Applied MIF = -1.44 dB

RF audio interference level = 18.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.2 dBV/m	Grid 2 M4 17.78 dBV/m	Grid 3 M4 15.77 dBV/m
Grid 4 M4 21.29 dBV/m	Grid 5 M4 18.03 dBV/m	Grid 6 M4 17.11 dBV/m
Grid 7 M4 19.75 dBV/m	Grid 8 M4 17.01 dBV/m	Grid 9 M4 17.23 dBV/m



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

LTE Band 48 ANT 7

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 9.634 V/m; Power Drift = 0.12 dB

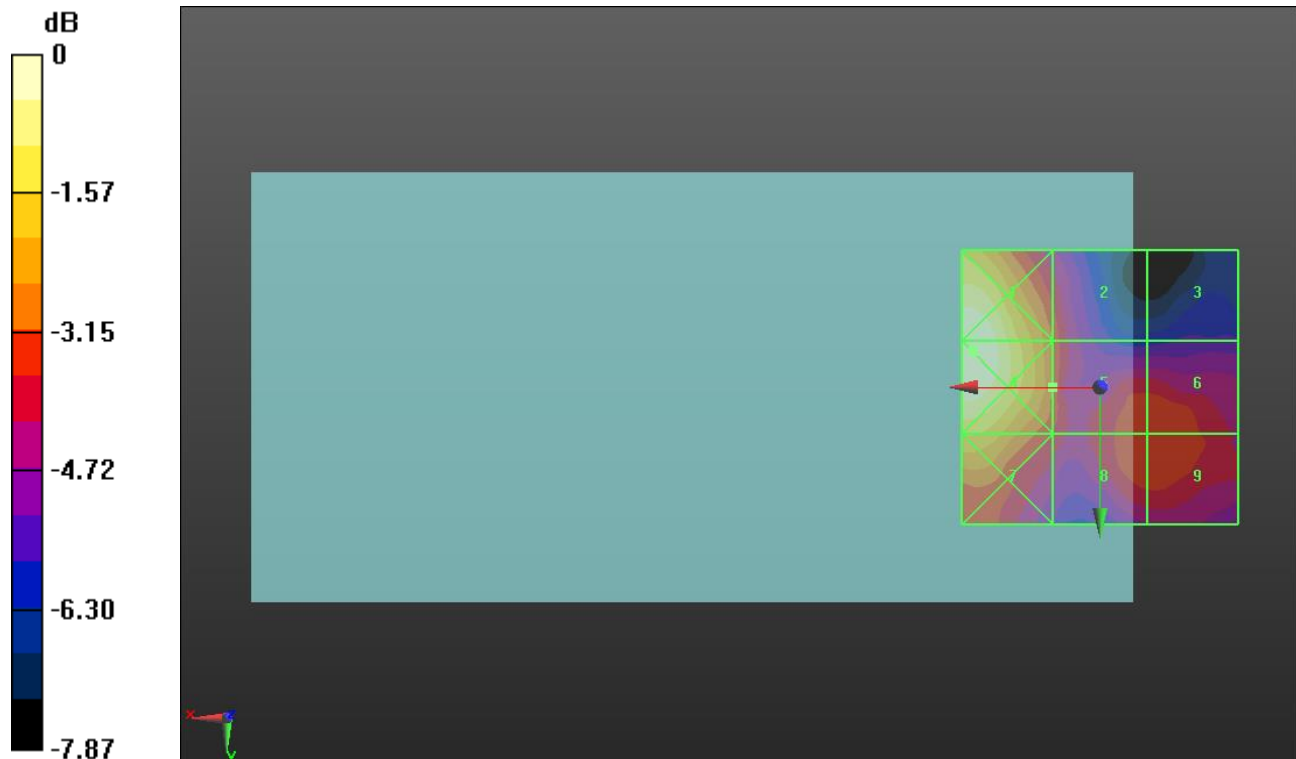
Applied MIF = -1.44 dB

RF audio interference level = 17.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.49 dBV/m	Grid 2 M4 17.28 dBV/m	Grid 3 M4 14.9 dBV/m
Grid 4 M4 20.51 dBV/m	Grid 5 M4 17.36 dBV/m	Grid 6 M4 17.32 dBV/m
Grid 7 M4 19 dBV/m	Grid 8 M4 17.32 dBV/m	Grid 9 M4 17.33 dBV/m



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

LTE Band 48 ANT 8

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 17.30 V/m; Power Drift = 0.10 dB

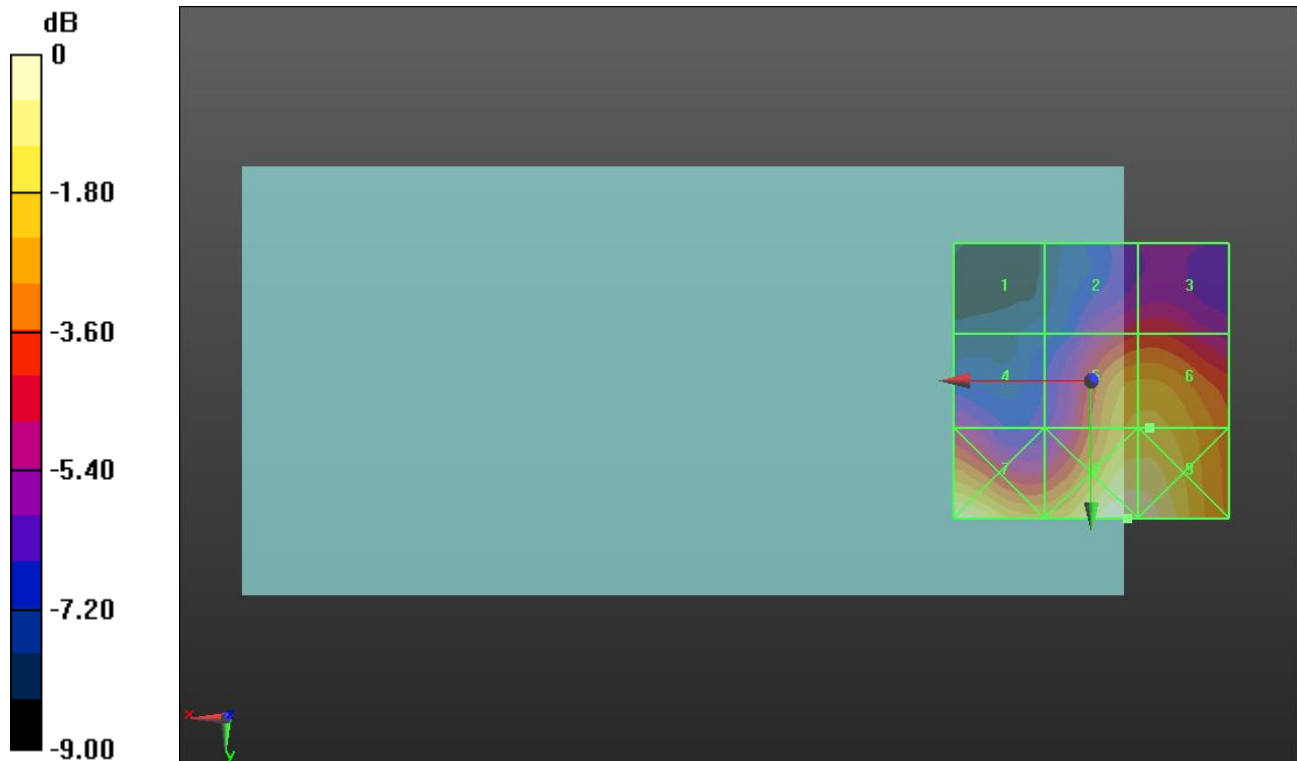
Applied MIF = -1.44 dB

RF audio interference level = 22.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.05 dBV/m	Grid 2 M4 20.19 dBV/m	Grid 3 M4 20.3 dBV/m
Grid 4 M4 19.39 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 22.79 dBV/m
Grid 7 M4 24.21 dBV/m	Grid 8 M4 24.42 dBV/m	Grid 9 M4 24.3 dBV/m



0 dB = 16.63 V/m = 24.42 dBV/m

LTE Band 48 ANT 8

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 16.43 V/m; Power Drift = 0.07 dB

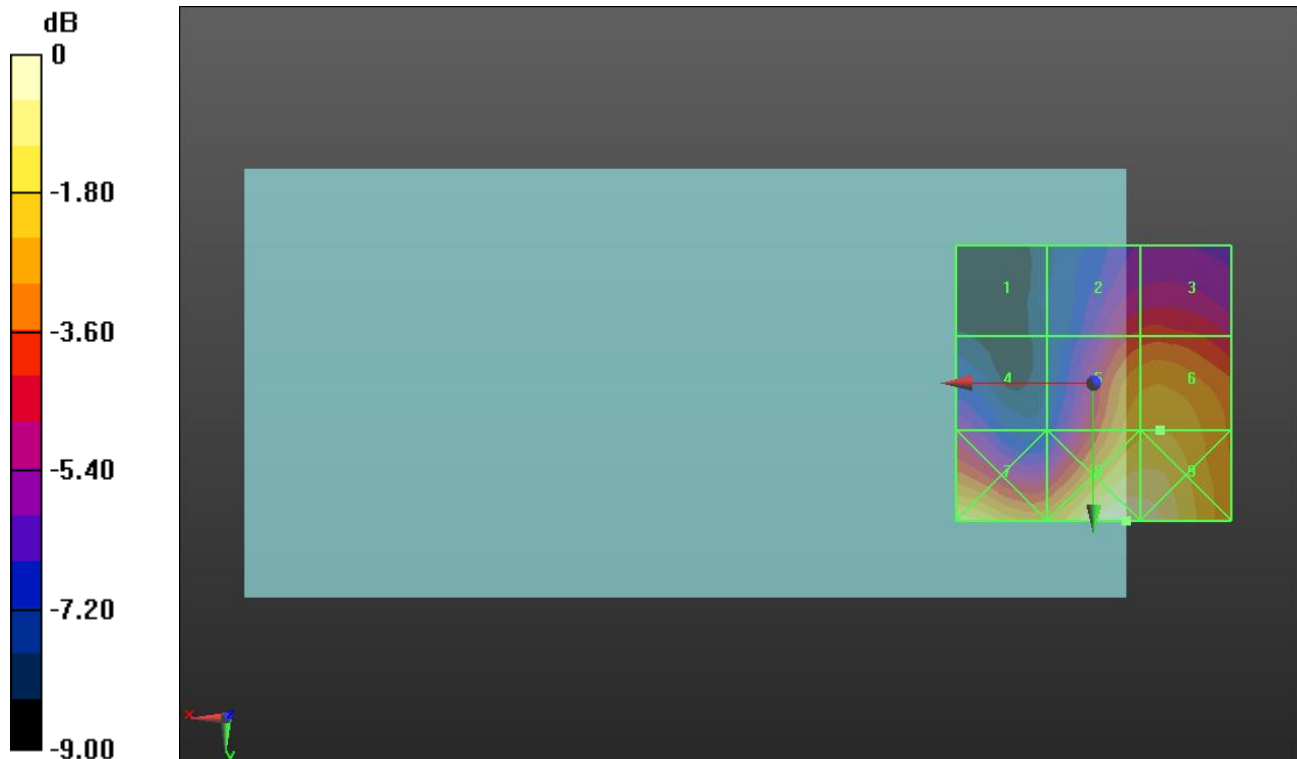
Applied MIF = -1.44 dB

RF audio interference level = 22.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.86 dBV/m	Grid 2 M4 20.57 dBV/m	Grid 3 M4 20.74 dBV/m
Grid 4 M4 19.23 dBV/m	Grid 5 M4 22.59 dBV/m	Grid 6 M4 22.74 dBV/m
Grid 7 M4 23.72 dBV/m	Grid 8 M4 24.51 dBV/m	Grid 9 M4 24.42 dBV/m



0 dB = 16.81 V/m = 24.51 dBV/m

LTE Band 48 ANT 8

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 15.61 V/m; Power Drift = -0.05 dB

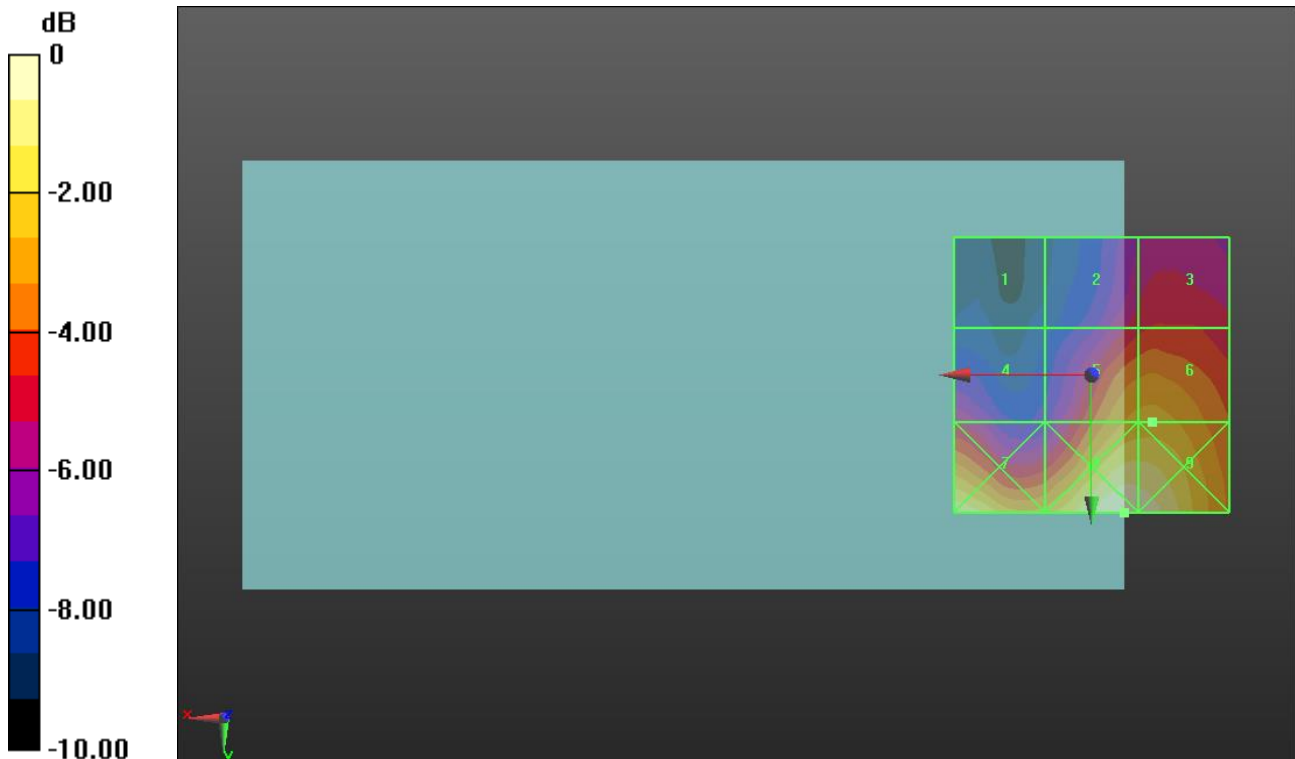
Applied MIF = -1.44 dB

RF audio interference level = 22.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.38 dBV/m	Grid 2 M4 19.69 dBV/m	Grid 3 M4 20 dBV/m
Grid 4 M4 19.2 dBV/m	Grid 5 M4 22.13 dBV/m	Grid 6 M4 22.18 dBV/m
Grid 7 M4 23.9 dBV/m	Grid 8 M4 24.54 dBV/m	Grid 9 M4 24.41 dBV/m



0 dB = 16.87 V/m = 24.54 dBV/m

LTE Band 48 ANT 8

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 16.22 V/m; Power Drift = -0.16 dB

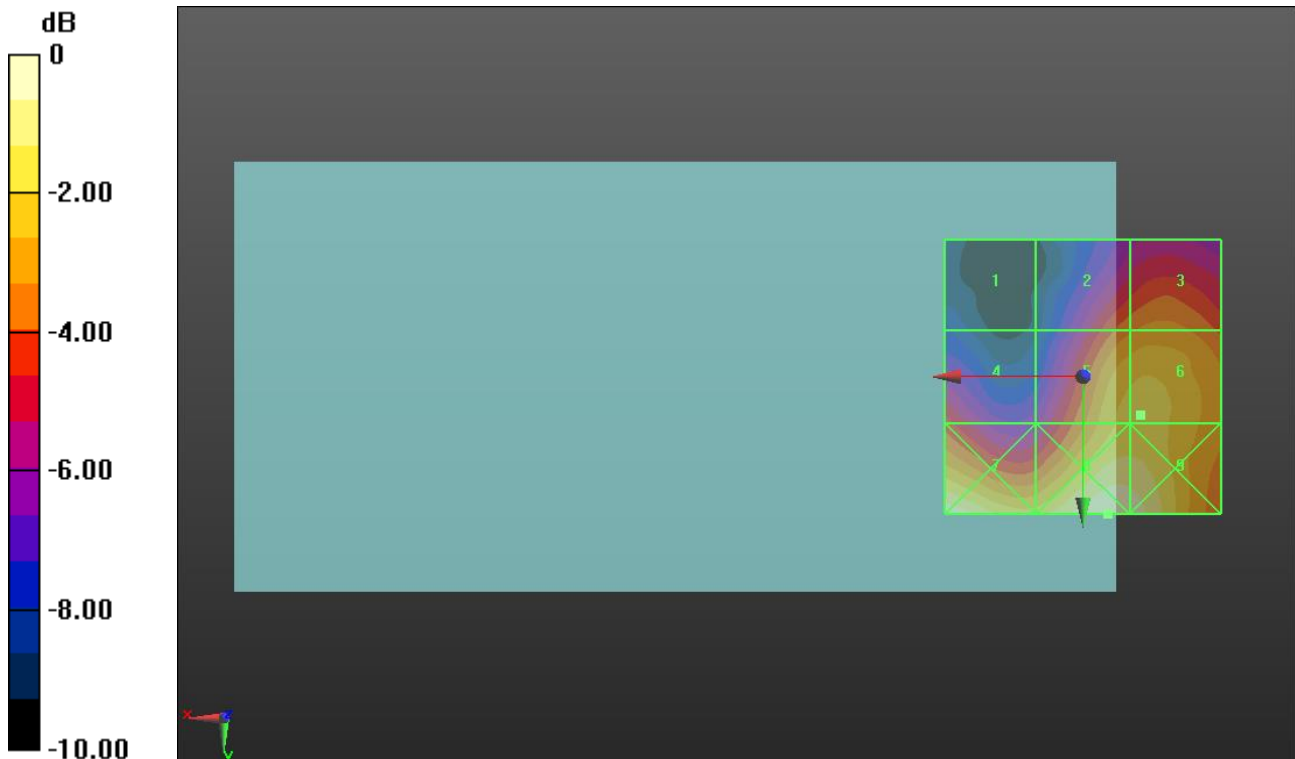
Applied MIF = -1.44 dB

RF audio interference level = 22.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.59 dBV/m	Grid 2 M4 20.87 dBV/m	Grid 3 M4 21.28 dBV/m
Grid 4 M4 20.02 dBV/m	Grid 5 M4 22.59 dBV/m	Grid 6 M4 22.64 dBV/m
Grid 7 M4 24.26 dBV/m	Grid 8 M4 24.34 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 16.47 V/m = 24.33 dBV/m

LTE Band 48 ANT 9

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 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 17.32 V/m; Power Drift = -0.09 dB

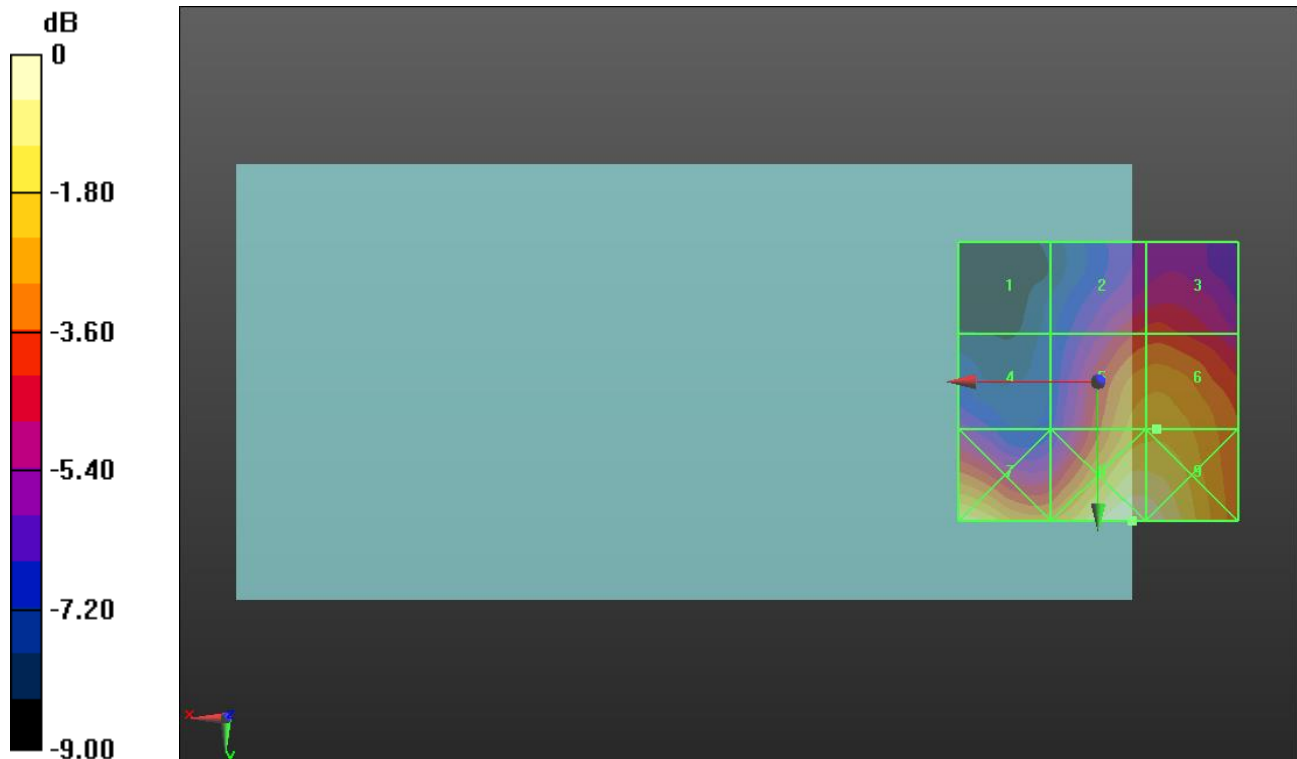
Applied MIF = -1.44 dB

RF audio interference level = 22.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.24 dBV/m	Grid 2 M4 20.66 dBV/m	Grid 3 M4 20.76 dBV/m
Grid 4 M4 19.03 dBV/m	Grid 5 M4 22.61 dBV/m	Grid 6 M4 22.64 dBV/m
Grid 7 M4 23.88 dBV/m	Grid 8 M4 24.6 dBV/m	Grid 9 M4 24.46 dBV/m



0 dB = 16.98 V/m = 24.60 dBV/m

LTE Band 48 ANT 9

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 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 16.42 V/m; Power Drift = 0.15 dB

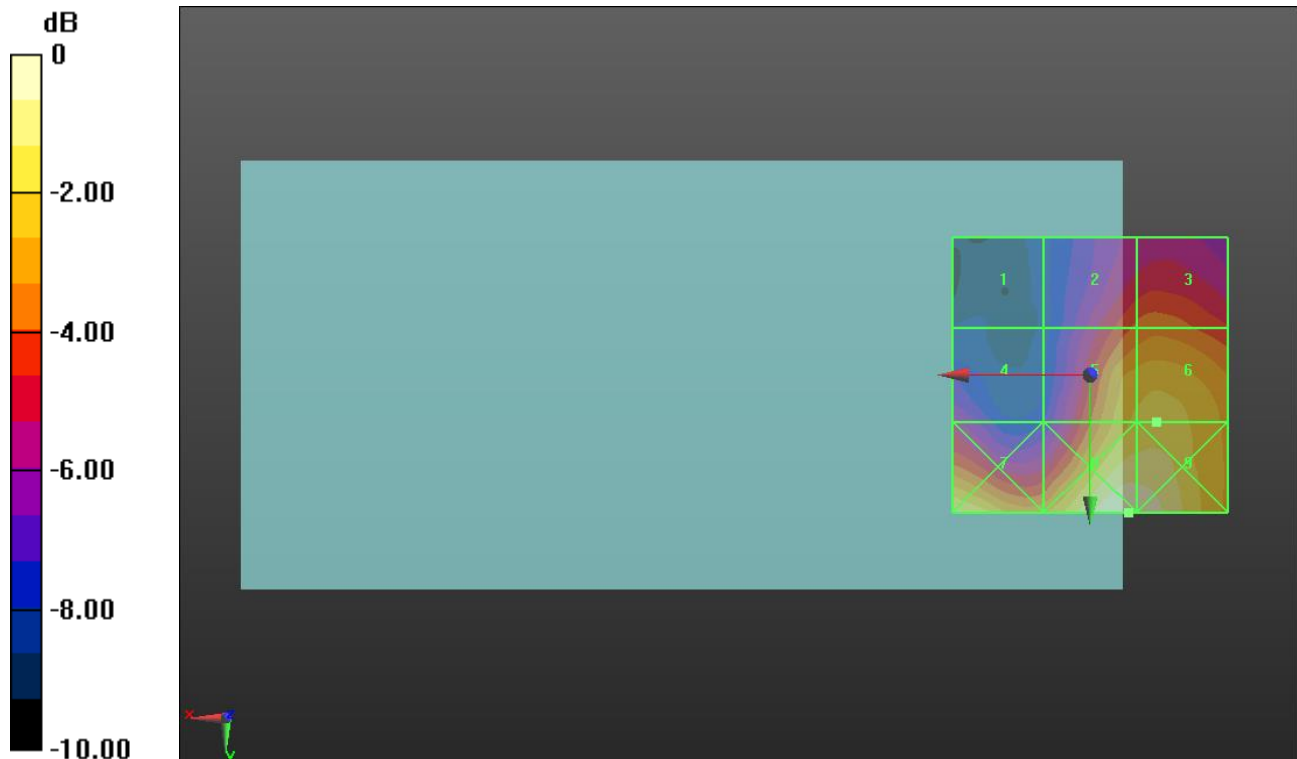
Applied MIF = -1.44 dB

RF audio interference level = 22.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.48 dBV/m	Grid 2 M4 20.84 dBV/m	Grid 3 M4 21.11 dBV/m
Grid 4 M4 18.96 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 22.96 dBV/m
Grid 7 M4 23.58 dBV/m	Grid 8 M4 24.61 dBV/m	Grid 9 M4 24.57 dBV/m



0 dB = 17.01 V/m = 24.61 dBV/m

LTE Band 48 ANT 9

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 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 15.47 V/m; Power Drift = 0.05 dB

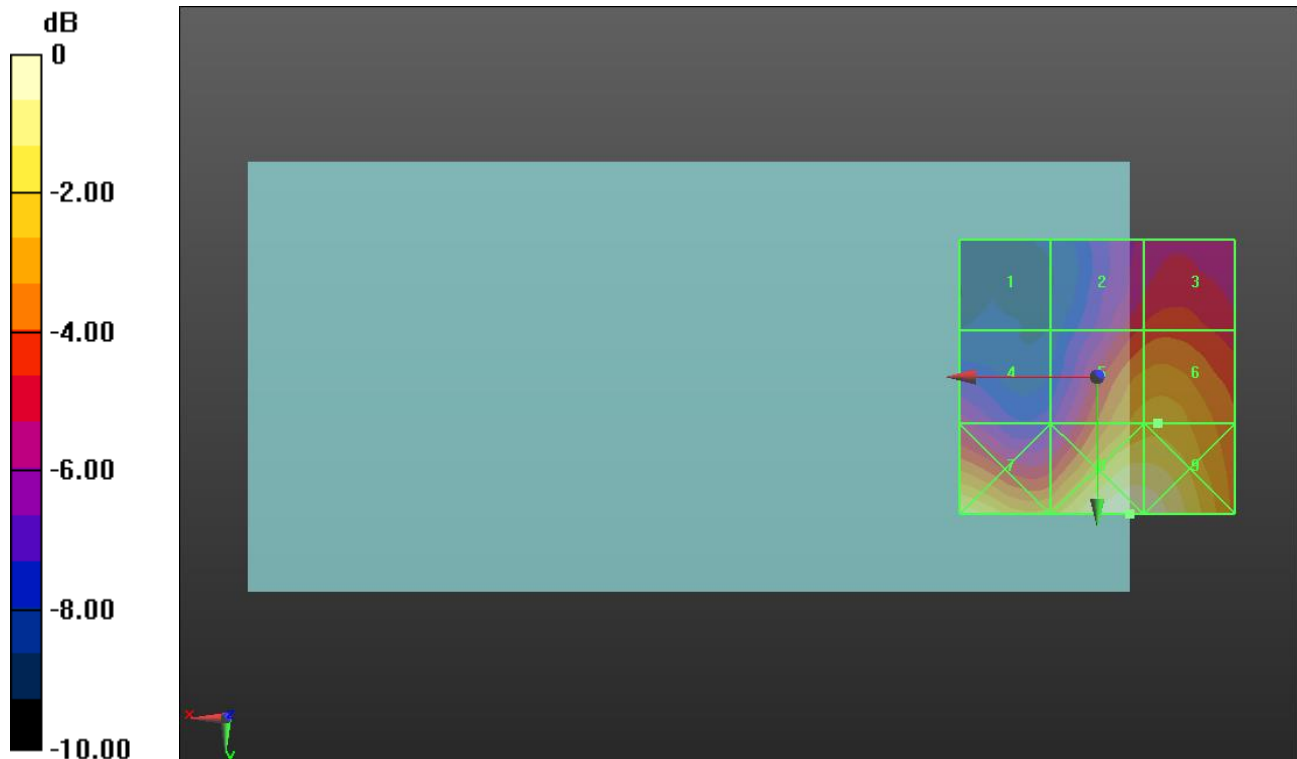
Applied MIF = -1.44 dB

RF audio interference level = 22.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.32 dBV/m	Grid 2 M4 20.17 dBV/m	Grid 3 M4 20.49 dBV/m
Grid 4 M4 19.11 dBV/m	Grid 5 M4 22.34 dBV/m	Grid 6 M4 22.43 dBV/m
Grid 7 M4 23.87 dBV/m	Grid 8 M4 24.66 dBV/m	Grid 9 M4 24.54 dBV/m



0 dB = 17.10 V/m = 24.66 dBV/m

LTE Band 48 ANT 9

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 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- 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 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 15.86 V/m; Power Drift = 0.11 dB

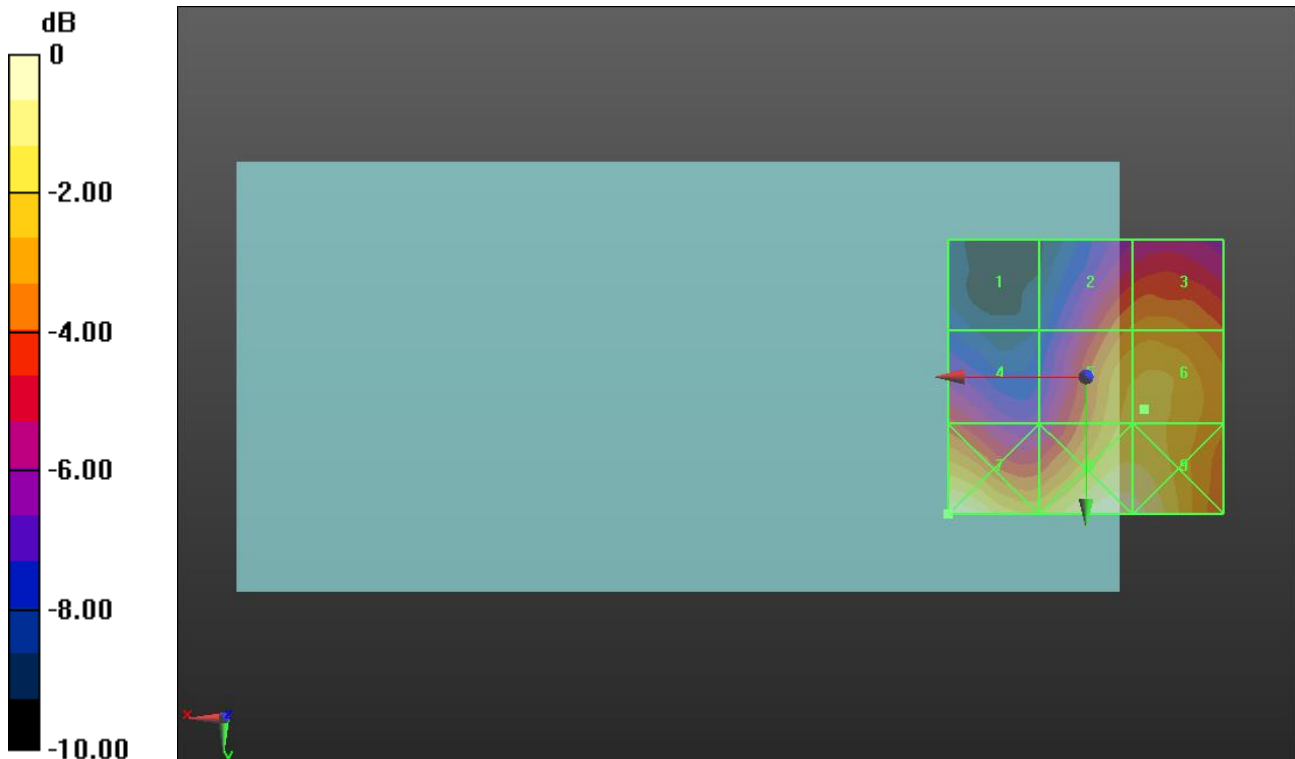
Applied MIF = -1.44 dB

RF audio interference level = 22.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.48 dBV/m	Grid 2 M4 21.15 dBV/m	Grid 3 M4 21.39 dBV/m
Grid 4 M4 19.93 dBV/m	Grid 5 M4 22.53 dBV/m	Grid 6 M4 22.61 dBV/m
Grid 7 M4 24.29 dBV/m	Grid 8 M4 24.17 dBV/m	Grid 9 M4 23.97 dBV/m



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