

GSM850 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 = 129.0 V/m; Power Drift = -0.08 dB

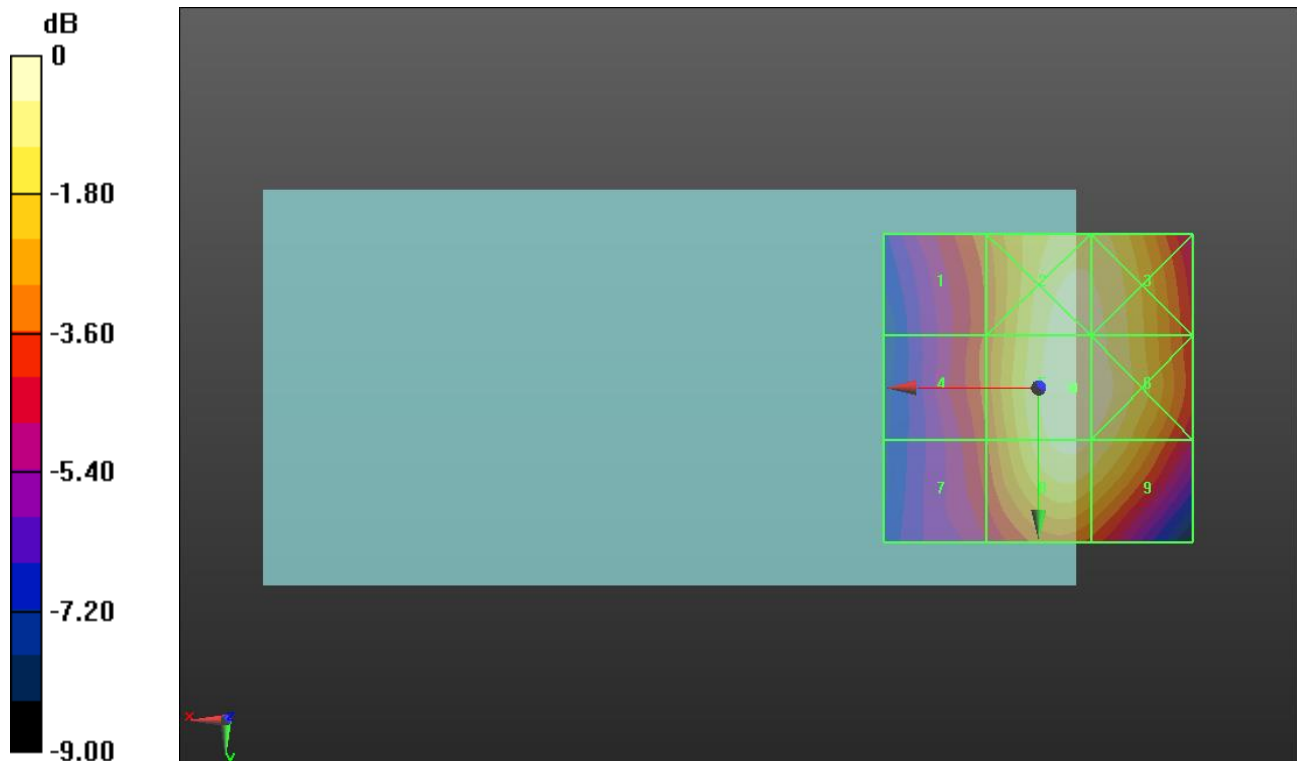
Applied MIF = 3.63 dB

RF audio interference level = 41.53 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.45 dBV/m	Grid 2 M3 41.29 dBV/m	Grid 3 M3 41.18 dBV/m
Grid 4 M4 38.3 dBV/m	Grid 5 M3 41.53 dBV/m	Grid 6 M3 41.38 dBV/m
Grid 7 M4 37.87 dBV/m	Grid 8 M3 41.16 dBV/m	Grid 9 M3 40.93 dBV/m



0 dB = 119.3 V/m = 41.53 dBV/m

GSM850 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 = 127.2 V/m; Power Drift = -0.07 dB

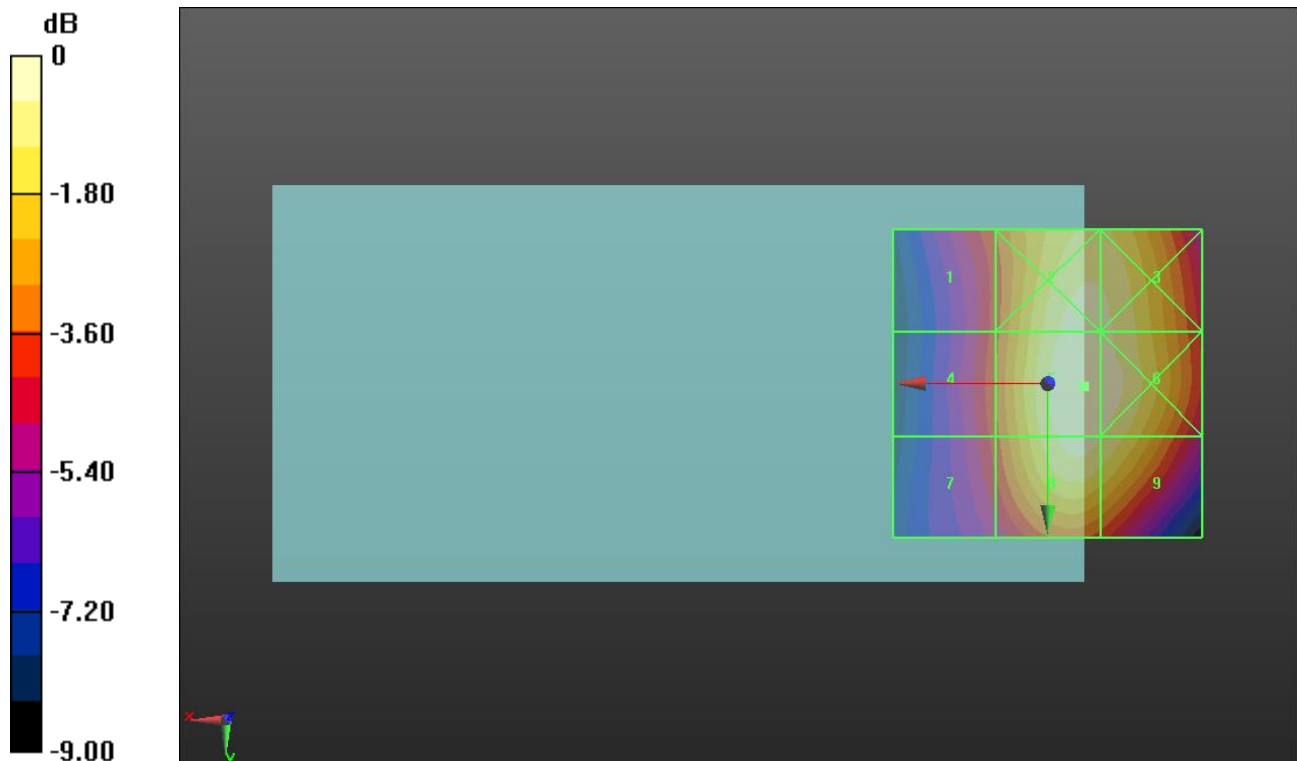
Applied MIF = 3.63 dB

RF audio interference level = 41.33 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.79 dBV/m	Grid 2 M3 41.08 dBV/m	Grid 3 M3 40.95 dBV/m
Grid 4 M4 37.73 dBV/m	Grid 5 M3 41.33 dBV/m	Grid 6 M3 41.2 dBV/m
Grid 7 M4 37.5 dBV/m	Grid 8 M3 41.06 dBV/m	Grid 9 M3 40.79 dBV/m



0 dB = 116.6 V/m = 41.33 dBV/m

GSM850 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 = 121.2 V/m; Power Drift = -0.01 dB

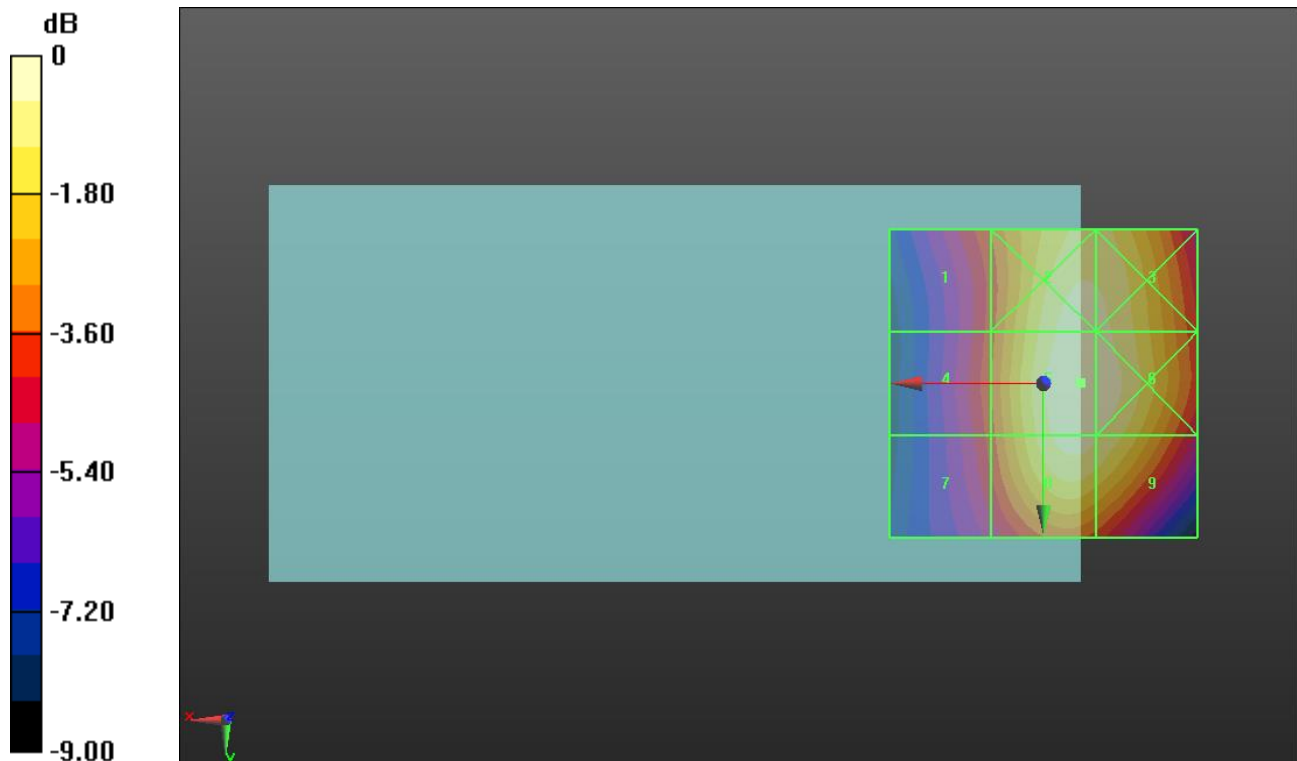
Applied MIF = 3.63 dB

RF audio interference level = 41.08 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.56 dBV/m	Grid 2 M3 40.81 dBV/m	Grid 3 M3 40.71 dBV/m
Grid 4 M4 37.46 dBV/m	Grid 5 M3 41.08 dBV/m	Grid 6 M3 40.95 dBV/m
Grid 7 M4 37.22 dBV/m	Grid 8 M3 40.79 dBV/m	Grid 9 M3 40.57 dBV/m



0 dB = 113.2 V/m = 41.08 dBV/m

GSM1900 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 = 16.97 V/m; Power Drift = -0.11 dB

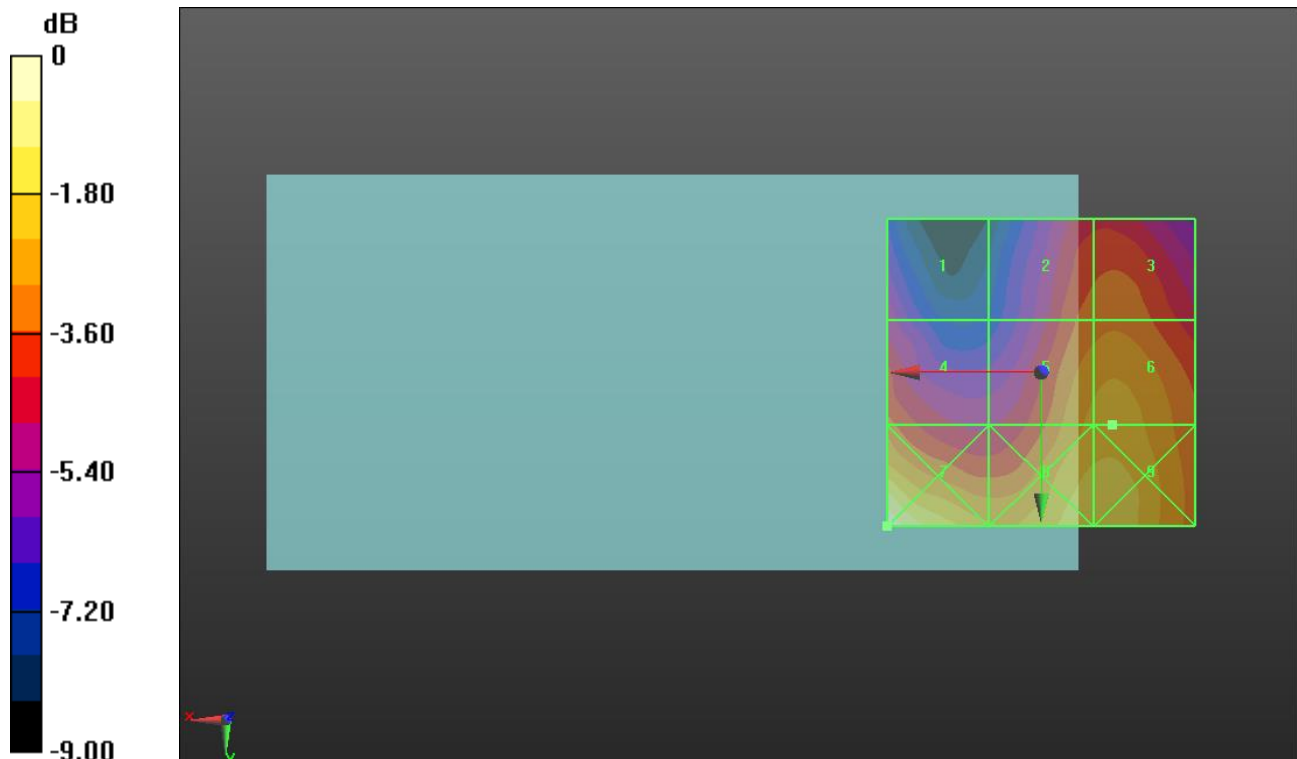
Applied MIF = 3.63 dB

RF audio interference level = 28.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.25 dBV/m	Grid 2 M4 26.89 dBV/m	Grid 3 M4 27.03 dBV/m
Grid 4 M4 26.89 dBV/m	Grid 5 M4 27.94 dBV/m	Grid 6 M4 28.07 dBV/m
Grid 7 M3 30.15 dBV/m	Grid 8 M4 28.76 dBV/m	Grid 9 M4 28.76 dBV/m



0 dB = 32.17 V/m = 30.15 dBV/m

GSM1900 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 = 19.08 V/m; Power Drift = -0.04 dB

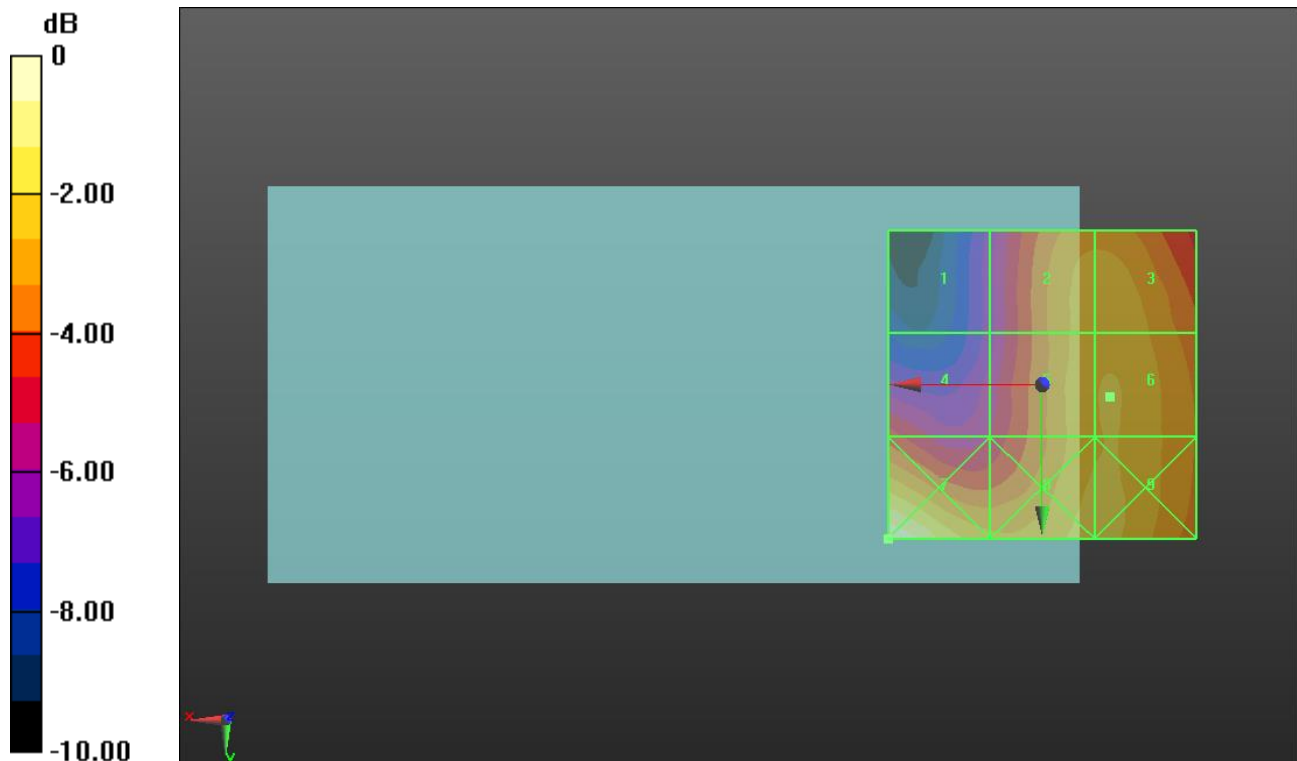
Applied MIF = 3.63 dB

RF audio interference level = 28.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.39 dBV/m	Grid 2 M4 28.36 dBV/m	Grid 3 M4 28.42 dBV/m
Grid 4 M4 26.31 dBV/m	Grid 5 M4 28.55 dBV/m	Grid 6 M4 28.63 dBV/m
Grid 7 M3 30.57 dBV/m	Grid 8 M4 28.78 dBV/m	Grid 9 M4 28.8 dBV/m



0 dB = 33.77 V/m = 30.57 dBV/m

GSM1900 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 = 15.06 V/m; Power Drift = -0.11 dB

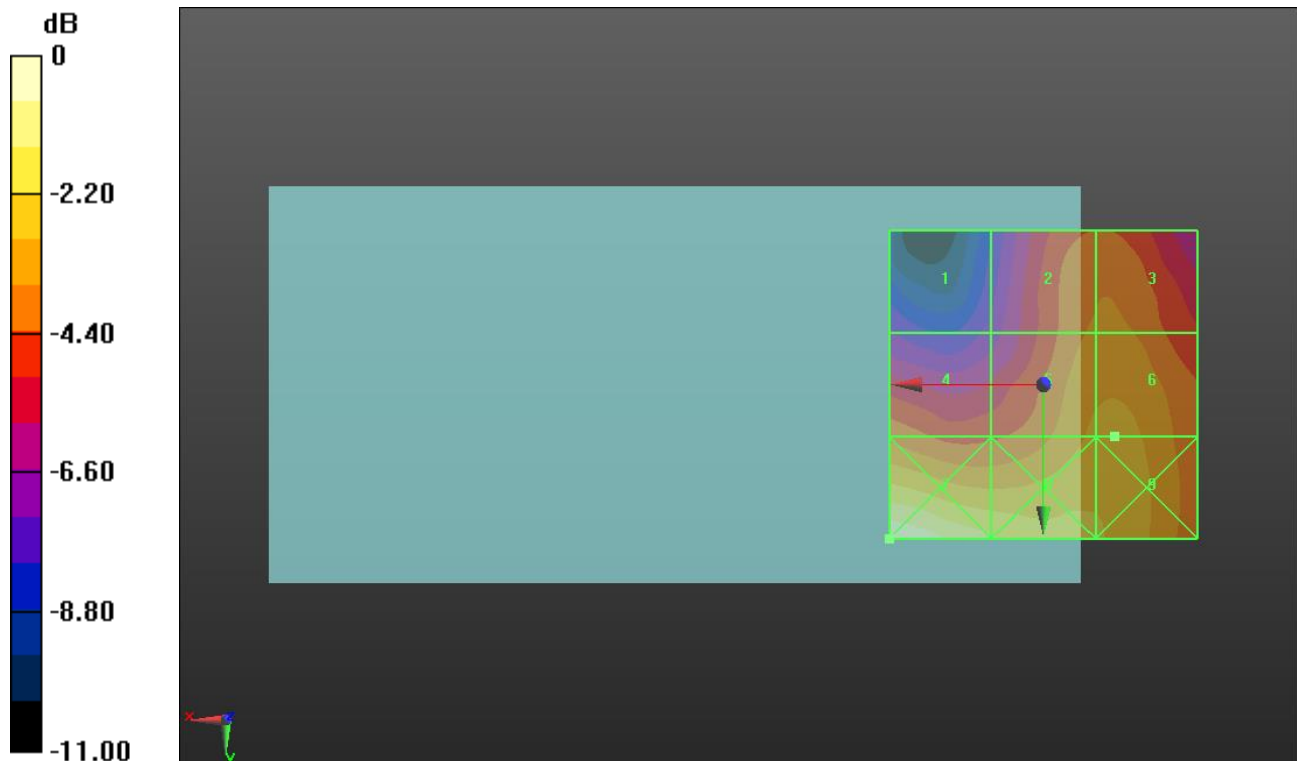
Applied MIF = 3.63 dB

RF audio interference level = 27.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.27 dBV/m	Grid 2 M4 26.72 dBV/m	Grid 3 M4 26.79 dBV/m
Grid 4 M4 26.44 dBV/m	Grid 5 M4 27.48 dBV/m	Grid 6 M4 27.56 dBV/m
Grid 7 M3 30.24 dBV/m	Grid 8 M4 28.91 dBV/m	Grid 9 M4 28.15 dBV/m



0 dB = 32.50 V/m = 30.24 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 54.69 V/m; Power Drift = 0.02 dB

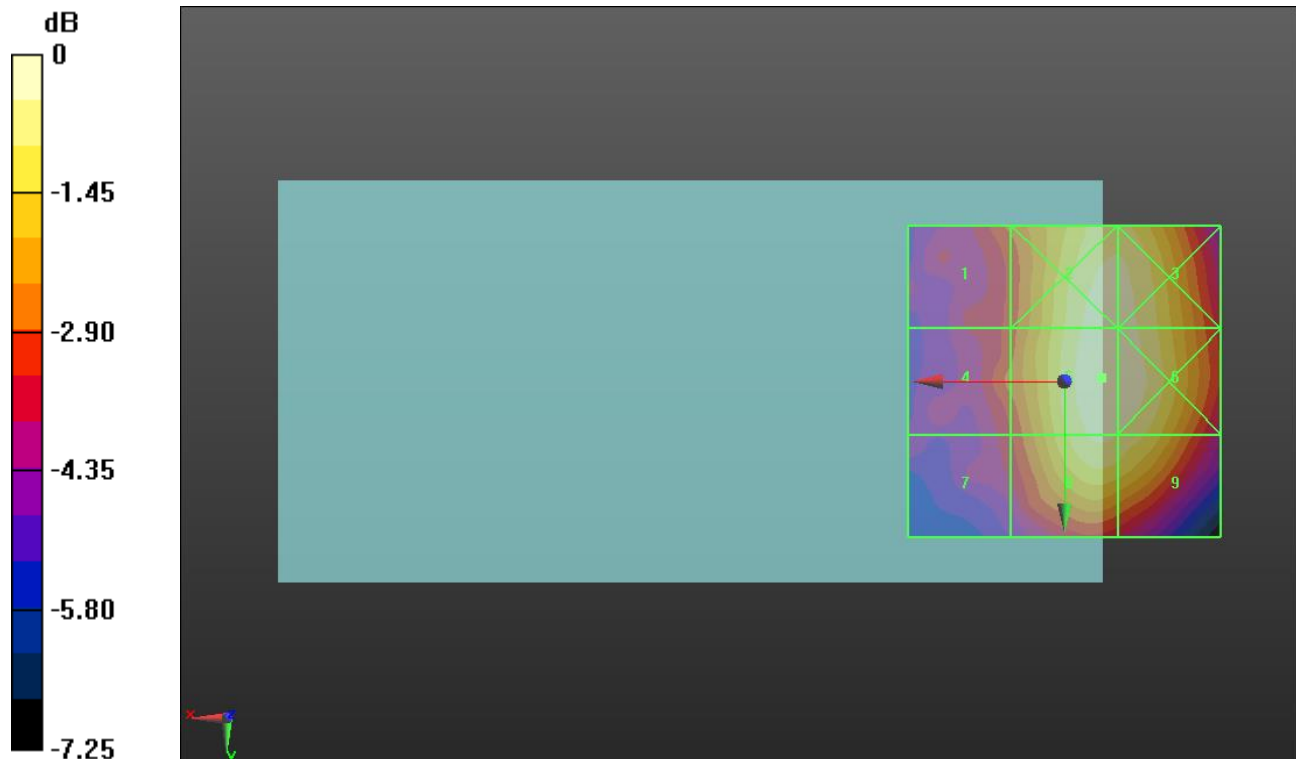
Applied MIF = 3.26 dB

RF audio interference level = 34.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.29 dBV/m	Grid 2 M4 33.83 dBV/m	Grid 3 M4 33.79 dBV/m
Grid 4 M4 31.3 dBV/m	Grid 5 M4 34.01 dBV/m	Grid 6 M4 33.91 dBV/m
Grid 7 M4 30.63 dBV/m	Grid 8 M4 33.64 dBV/m	Grid 9 M4 33.52 dBV/m



0 dB = 50.20 V/m = 34.01 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 55.38 V/m; Power Drift = 0.03 dB

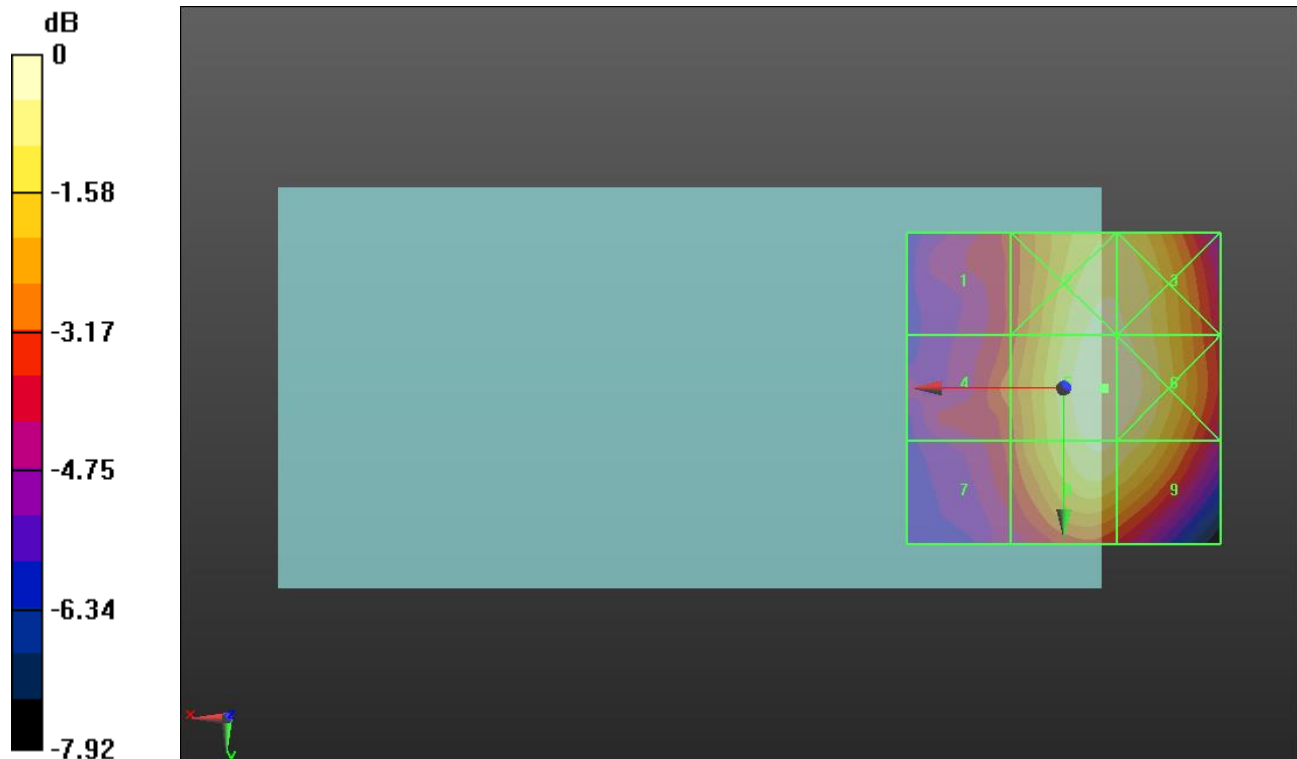
Applied MIF = 3.26 dB

RF audio interference level = 33.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.53 dBV/m	Grid 2 M4 33.64 dBV/m	Grid 3 M4 33.56 dBV/m
Grid 4 M4 31.09 dBV/m	Grid 5 M4 33.94 dBV/m	Grid 6 M4 33.85 dBV/m
Grid 7 M4 30.58 dBV/m	Grid 8 M4 33.57 dBV/m	Grid 9 M4 33.38 dBV/m



0 dB = 49.80 V/m = 33.94 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 55.58 V/m; Power Drift = 0.08 dB

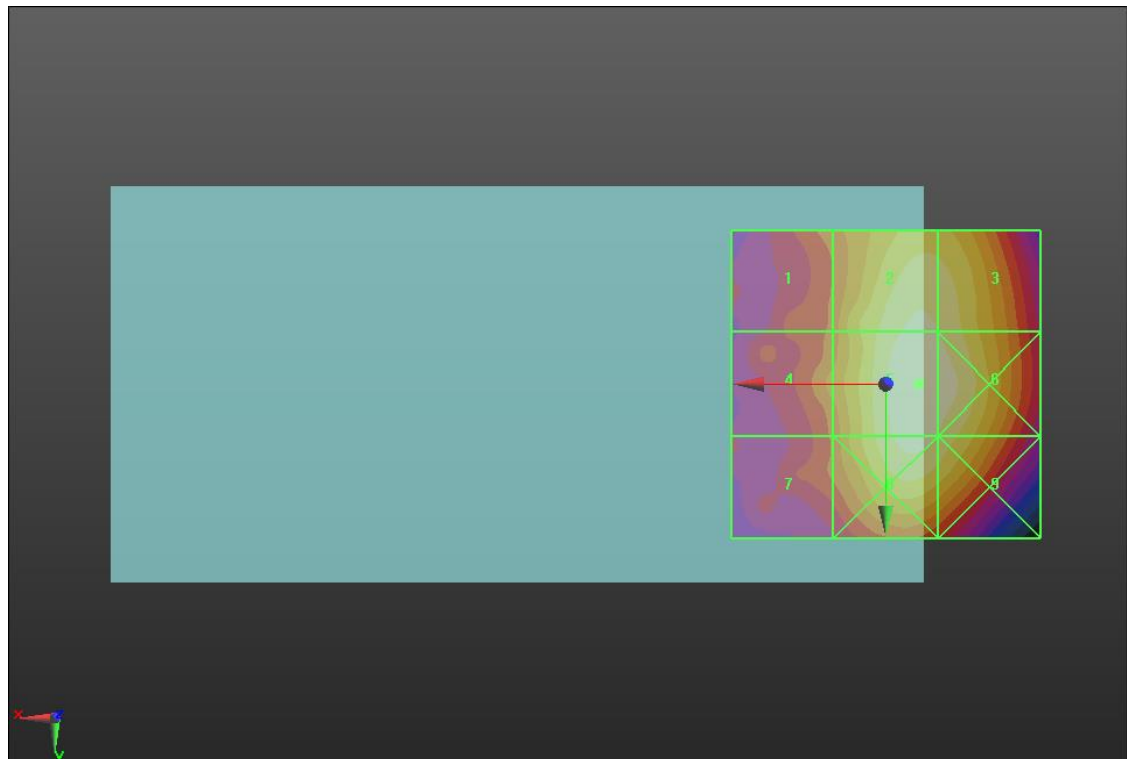
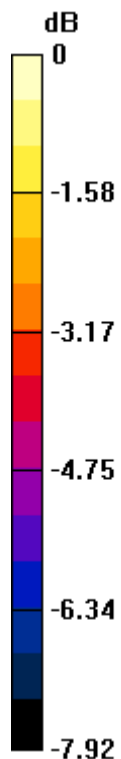
Applied MIF = 3.26 dB

RF audio interference level = 33.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.91 dBV/m	Grid 2 M4 33.33 dBV/m	Grid 3 M4 33.2 dBV/m
Grid 4 M4 31.3 dBV/m	Grid 5 M4 33.72 dBV/m	Grid 6 M4 33.58 dBV/m
Grid 7 M4 30.73 dBV/m	Grid 8 M4 33.43 dBV/m	Grid 9 M4 33.13 dBV/m



0 dB = 48.52 V/m = 33.72 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 16.71 V/m; Power Drift = 0.11 dB

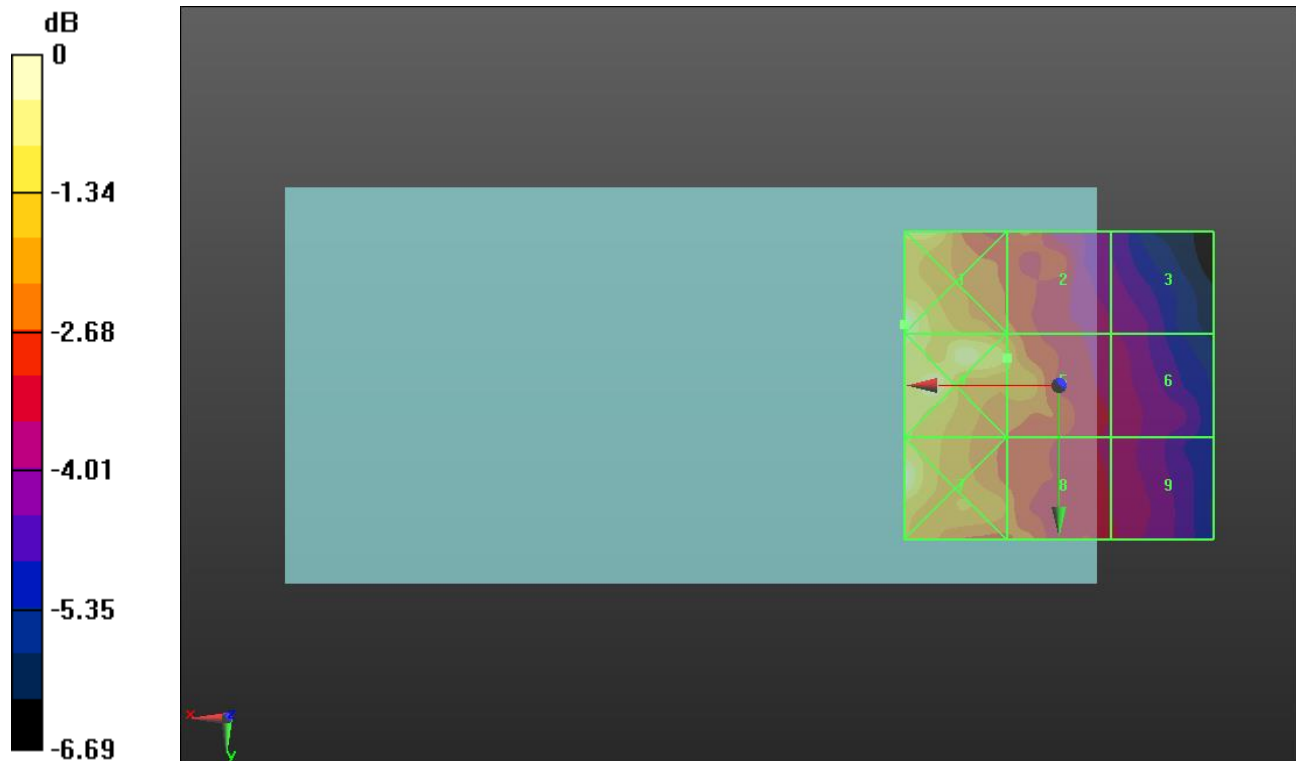
Applied MIF = 3.26 dB

RF audio interference level = 26.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.82 dBV/m	Grid 2 M4 25.45 dBV/m	Grid 3 M4 23.91 dBV/m
Grid 4 M4 27.64 dBV/m	Grid 5 M4 26.32 dBV/m	Grid 6 M4 24.26 dBV/m
Grid 7 M4 27.73 dBV/m	Grid 8 M4 25.57 dBV/m	Grid 9 M4 24.36 dBV/m



0 dB = 24.61 V/m = 27.82 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 16.16 V/m; Power Drift = -0.06 dB

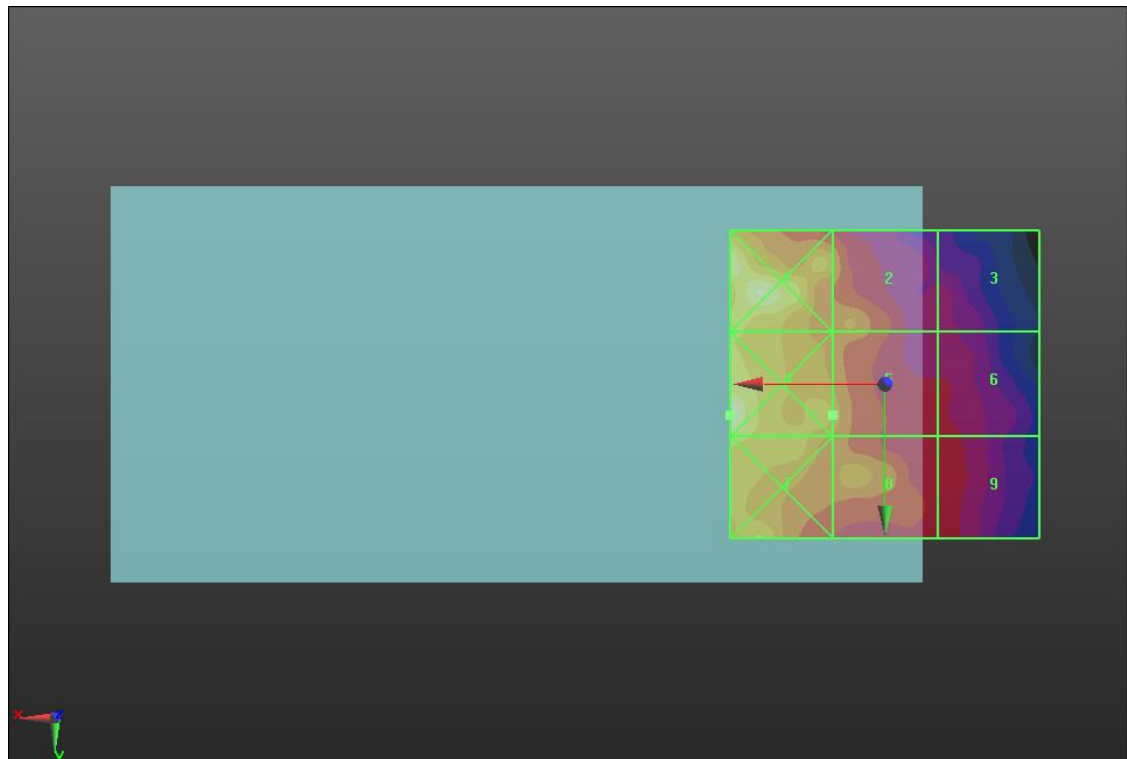
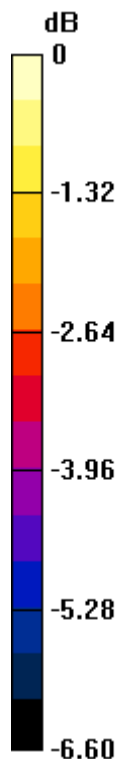
Applied MIF = 3.26 dB

RF audio interference level = 26.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.51 dBV/m	Grid 2 M4 25.87 dBV/m	Grid 3 M4 24.13 dBV/m
Grid 4 M4 27.91 dBV/m	Grid 5 M4 26.14 dBV/m	Grid 6 M4 24.65 dBV/m
Grid 7 M4 26.91 dBV/m	Grid 8 M4 26.03 dBV/m	Grid 9 M4 24.75 dBV/m



0 dB = 24.86 V/m = 27.91 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 14.38 V/m; Power Drift = 0.11 dB

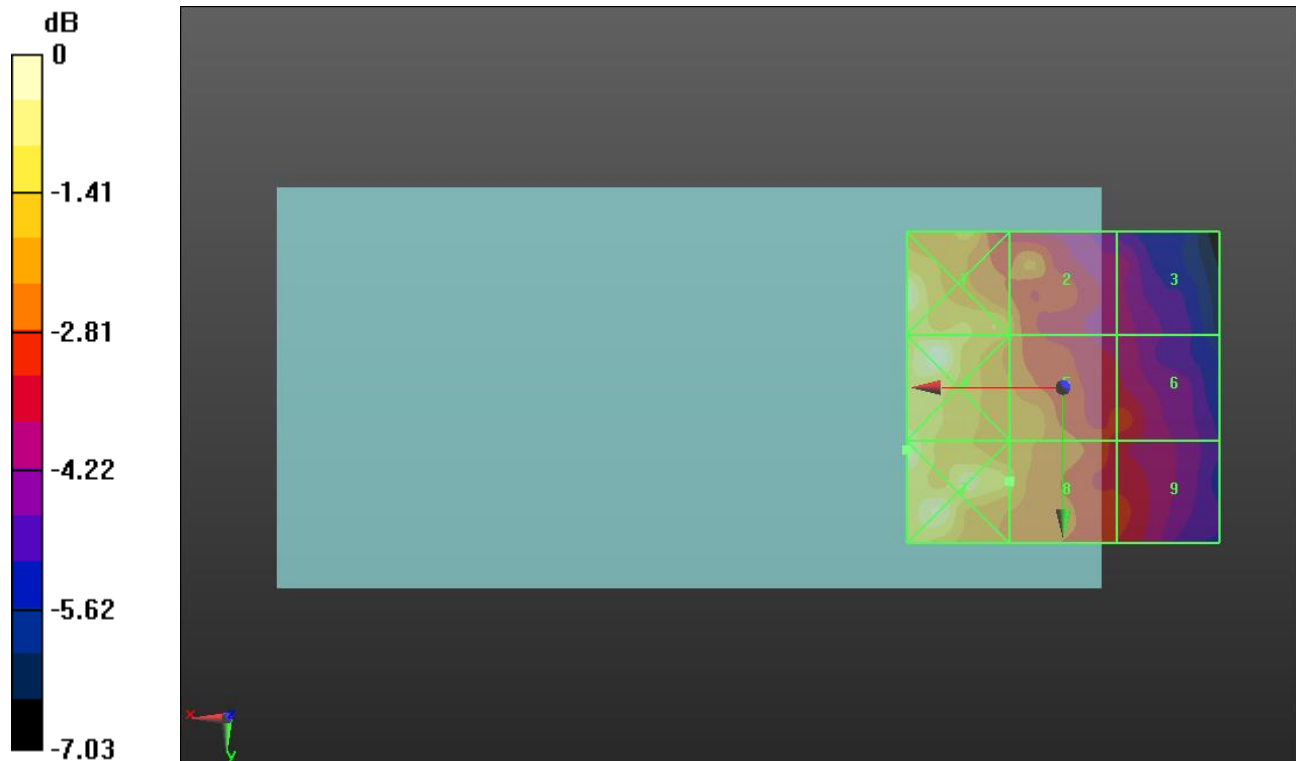
Applied MIF = 3.26 dB

RF audio interference level = 26.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.59 dBV/m	Grid 2 M4 25.76 dBV/m	Grid 3 M4 23.81 dBV/m
Grid 4 M4 27.67 dBV/m	Grid 5 M4 25.81 dBV/m	Grid 6 M4 24.68 dBV/m
Grid 7 M4 27.73 dBV/m	Grid 8 M4 26.14 dBV/m	Grid 9 M4 24.65 dBV/m



0 dB = 24.35 V/m = 27.73 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 53.27 V/m; Power Drift = -0.19 dB

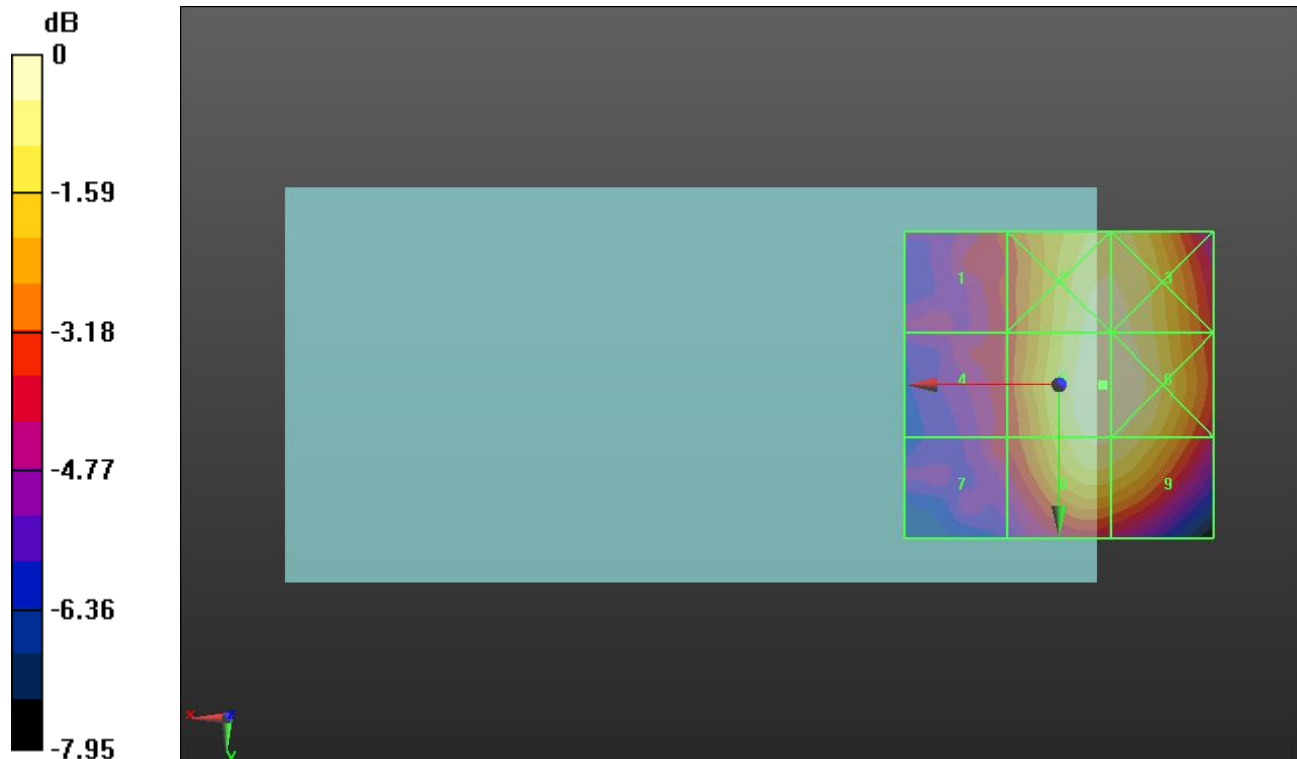
Applied MIF = 3.26 dB

RF audio interference level = 33.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.16 dBV/m	Grid 2 M4 33.26 dBV/m	Grid 3 M4 33.22 dBV/m
Grid 4 M4 29.99 dBV/m	Grid 5 M4 33.52 dBV/m	Grid 6 M4 33.49 dBV/m
Grid 7 M4 29.88 dBV/m	Grid 8 M4 33.11 dBV/m	Grid 9 M4 33.05 dBV/m



0 dB = 47.43 V/m = 33.52 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 53.42 V/m; Power Drift = -0.01 dB

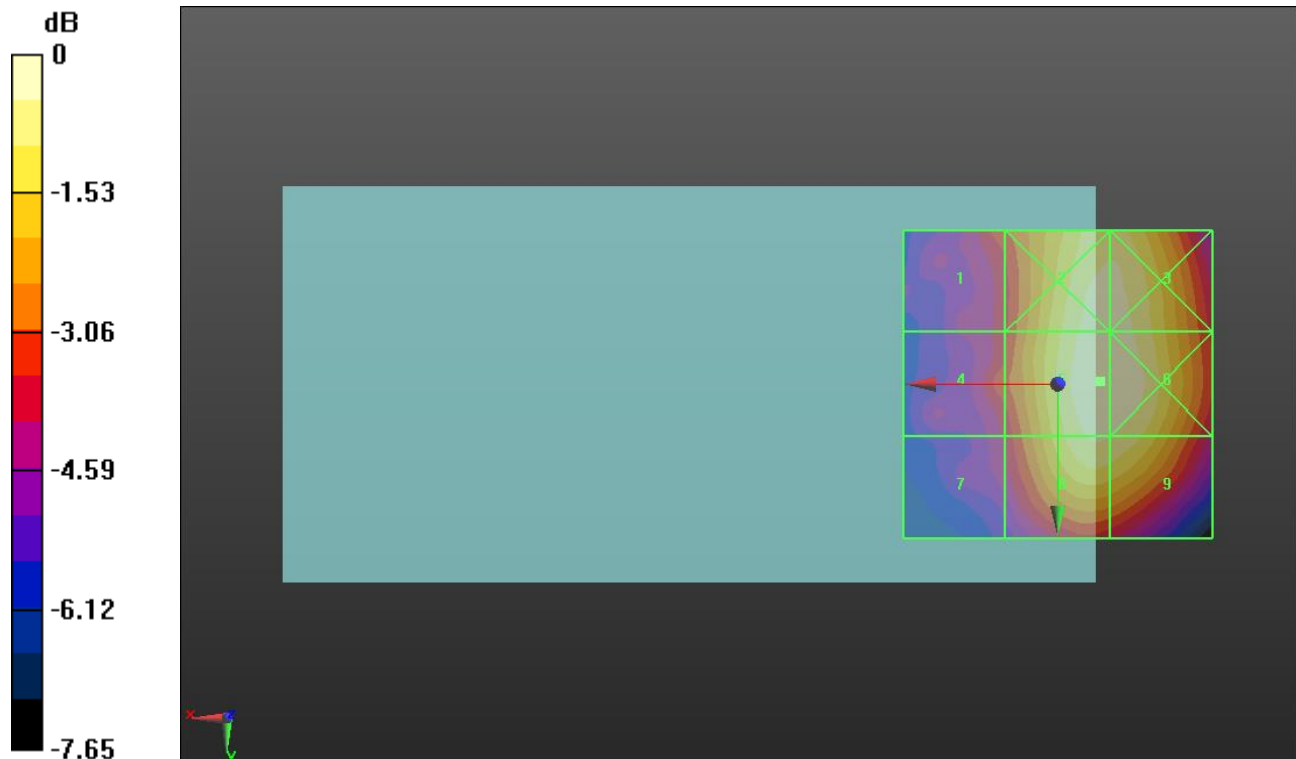
Applied MIF = 3.26 dB

RF audio interference level = 33.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.87 dBV/m	Grid 2 M4 33.73 dBV/m	Grid 3 M4 33.72 dBV/m
Grid 4 M4 30.79 dBV/m	Grid 5 M4 33.95 dBV/m	Grid 6 M4 33.92 dBV/m
Grid 7 M4 30.02 dBV/m	Grid 8 M4 33.52 dBV/m	Grid 9 M4 33.46 dBV/m



0 dB = 49.80 V/m = 33.94 dBV/m

CDMA2000 ANT 1

Communication System: UID 10295 - AAB, CDMA2000 ANT 1, 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 ANT 1 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 = 53.27 V/m; Power Drift = 0.03 dB

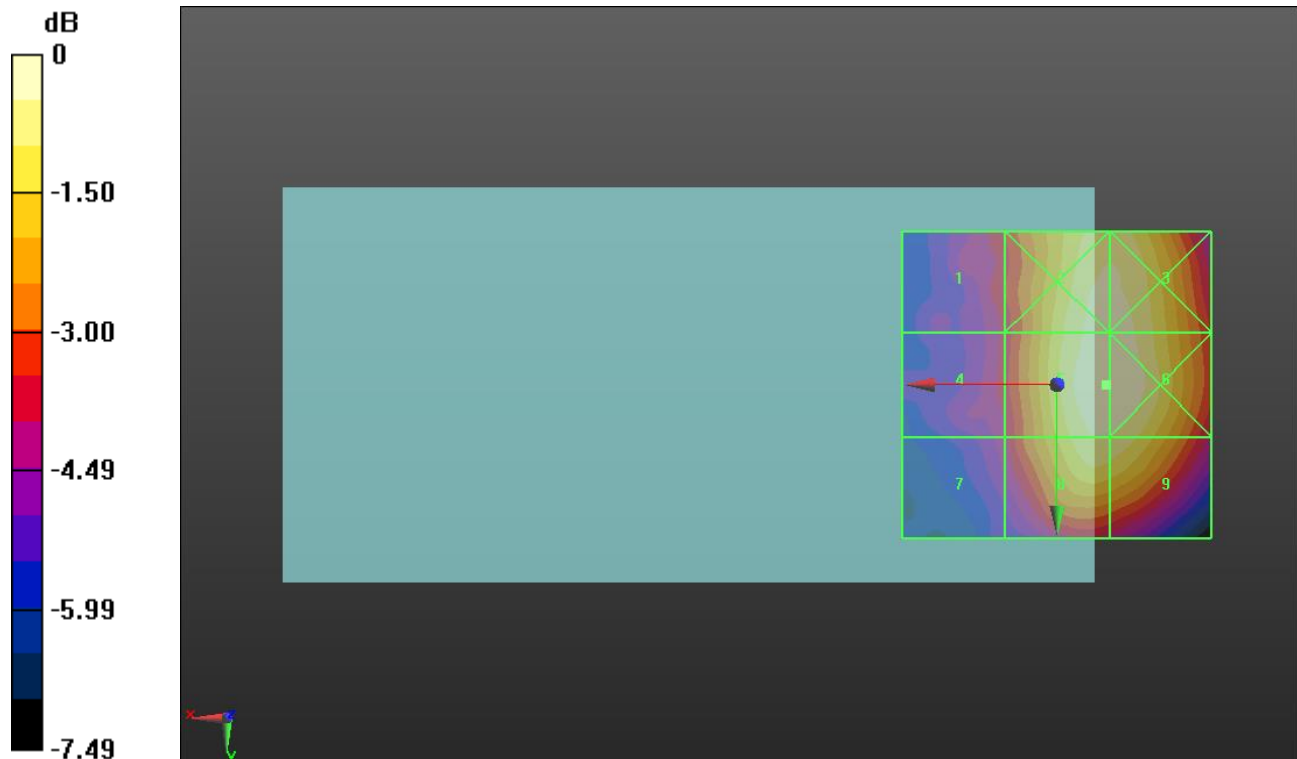
Applied MIF = 3.26 dB

RF audio interference level = 34.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.59 dBV/m	Grid 2 M4 33.84 dBV/m	Grid 3 M4 33.84 dBV/m
Grid 4 M4 30.39 dBV/m	Grid 5 M4 34.06 dBV/m	Grid 6 M4 34.06 dBV/m
Grid 7 M4 30.01 dBV/m	Grid 8 M4 33.6 dBV/m	Grid 9 M4 33.55 dBV/m



0 dB = 50.49 V/m = 34.06 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)

**PC3 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 = 26.58 dBV/m; Power Drift = -0.03 dB

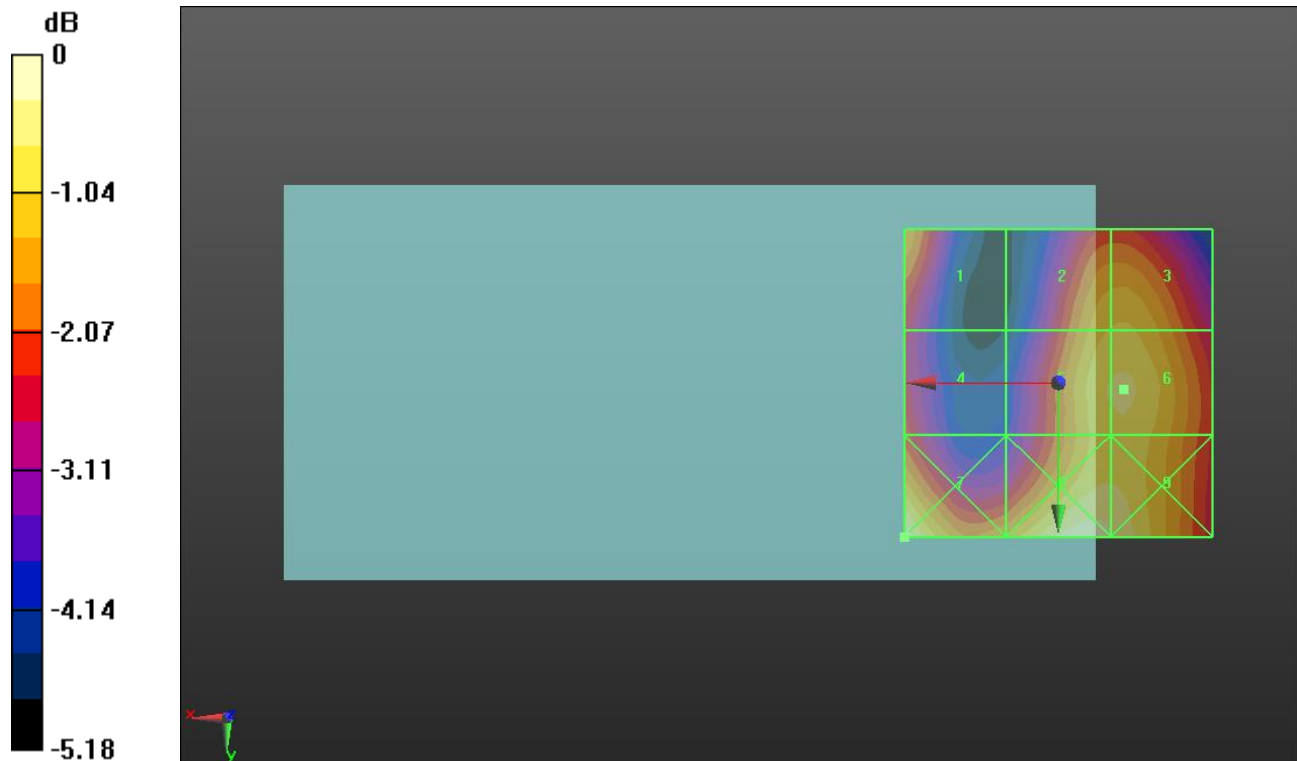
Applied MIF = -1.44 dB

RF audio interference level = 25.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.17 dBV/m	Grid 2 M4 25.5 dBV/m	Grid 3 M4 25.55 dBV/m
Grid 4 M4 24.35 dBV/m	Grid 5 M4 25.85 dBV/m	Grid 6 M4 25.88 dBV/m
Grid 7 M4 26.51 dBV/m	Grid 8 M4 26.4 dBV/m	Grid 9 M4 26.21 dBV/m



0 dB = 21.16 V/m = 26.51 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)

PC3 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 = 23.12 V/m; Power Drift = 0.04 dB

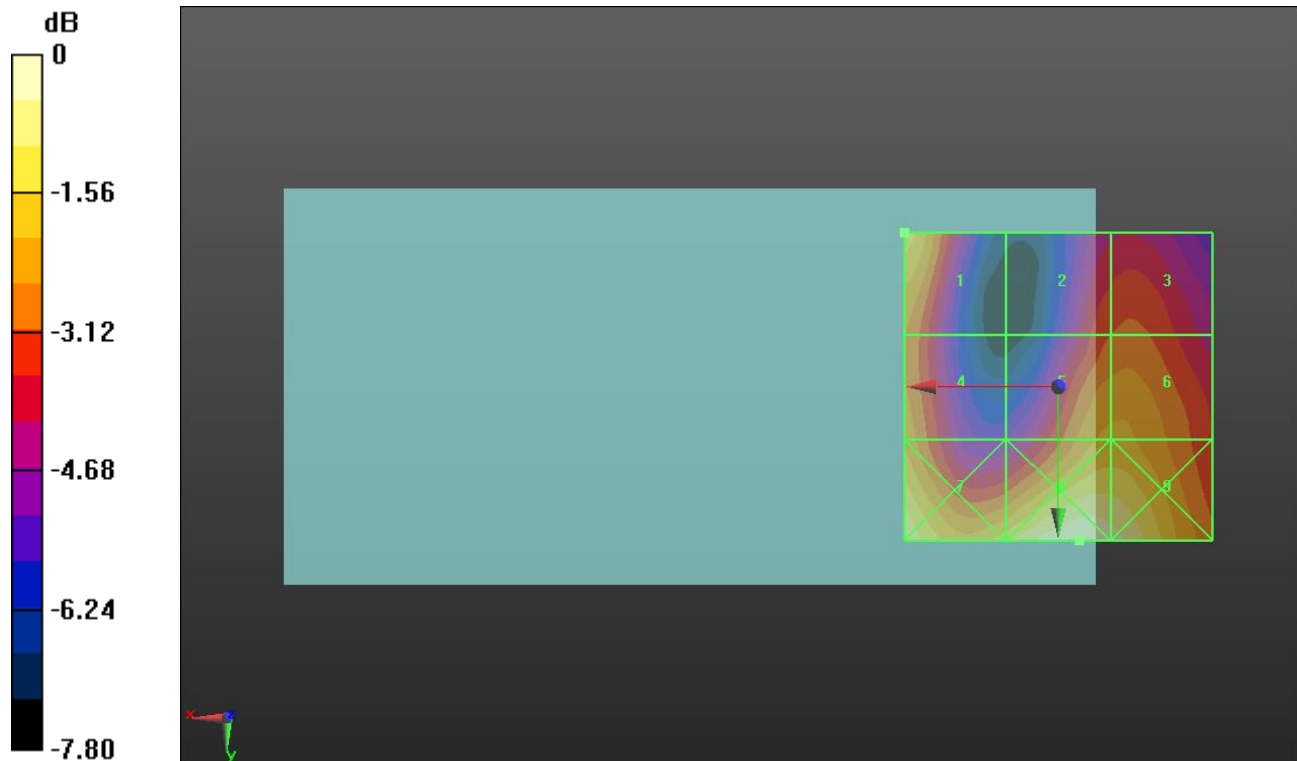
Applied MIF = -1.44 dB

RF audio interference level = 25.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.47 dBV/m	Grid 2 M4 23.61 dBV/m	Grid 3 M4 23.77 dBV/m
Grid 4 M4 24.57 dBV/m	Grid 5 M4 24.76 dBV/m	Grid 6 M4 24.77 dBV/m
Grid 7 M4 26.39 dBV/m	Grid 8 M4 26.72 dBV/m	Grid 9 M4 26.44 dBV/m



0 dB = 21.67 V/m = 26.72 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)

**PC3 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 = 23.66 V/m; Power Drift = -0.02 dB

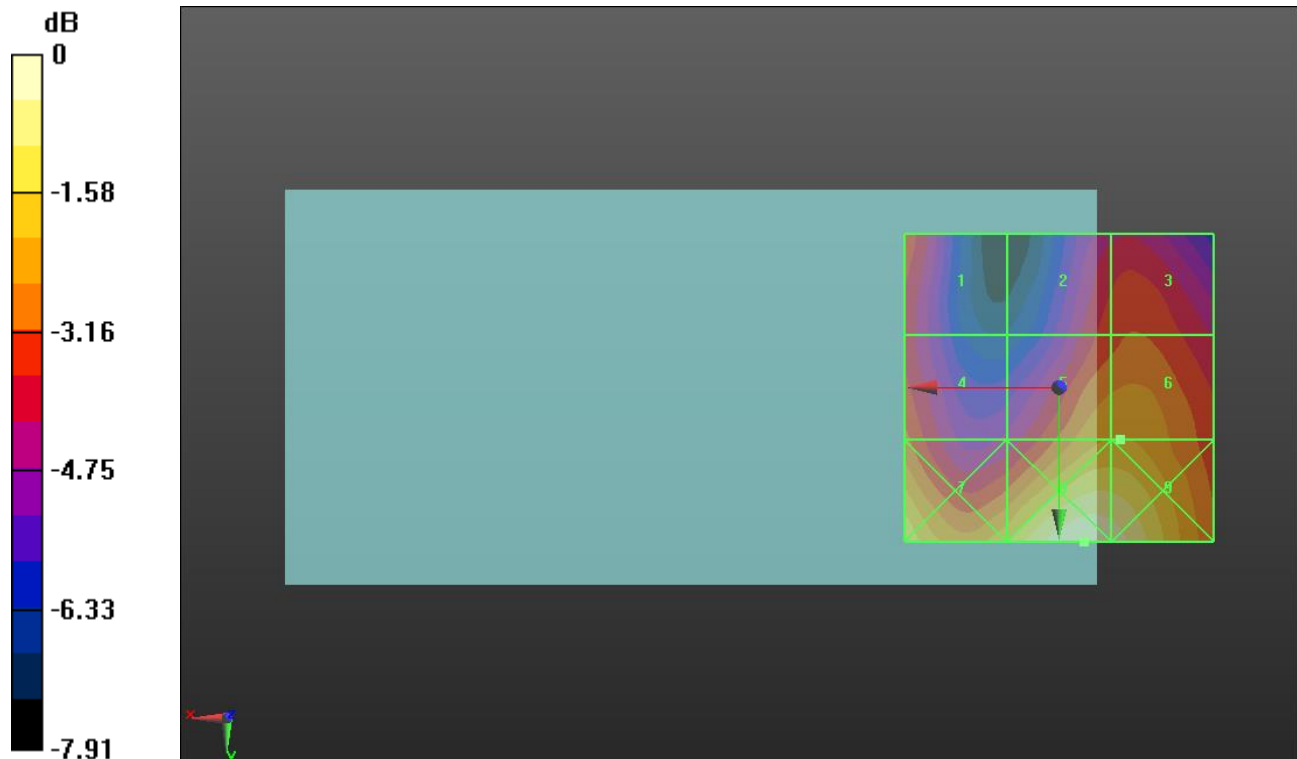
Applied MIF = -1.44 dB

RF audio interference level = 25.15 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.95 dBV/m	Grid 2 M4 23.89 dBV/m	Grid 3 M4 24.09 dBV/m
Grid 4 M4 24.24 dBV/m	Grid 5 M4 25.14 dBV/m	Grid 6 M4 25.15 dBV/m
Grid 7 M4 26.23 dBV/m	Grid 8 M4 27.21 dBV/m	Grid 9 M4 26.99 dBV/m



0 dB = 22.95 V/m = 27.22 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)

PC3 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 = 18.86 V/m; Power Drift = 0.02 dB

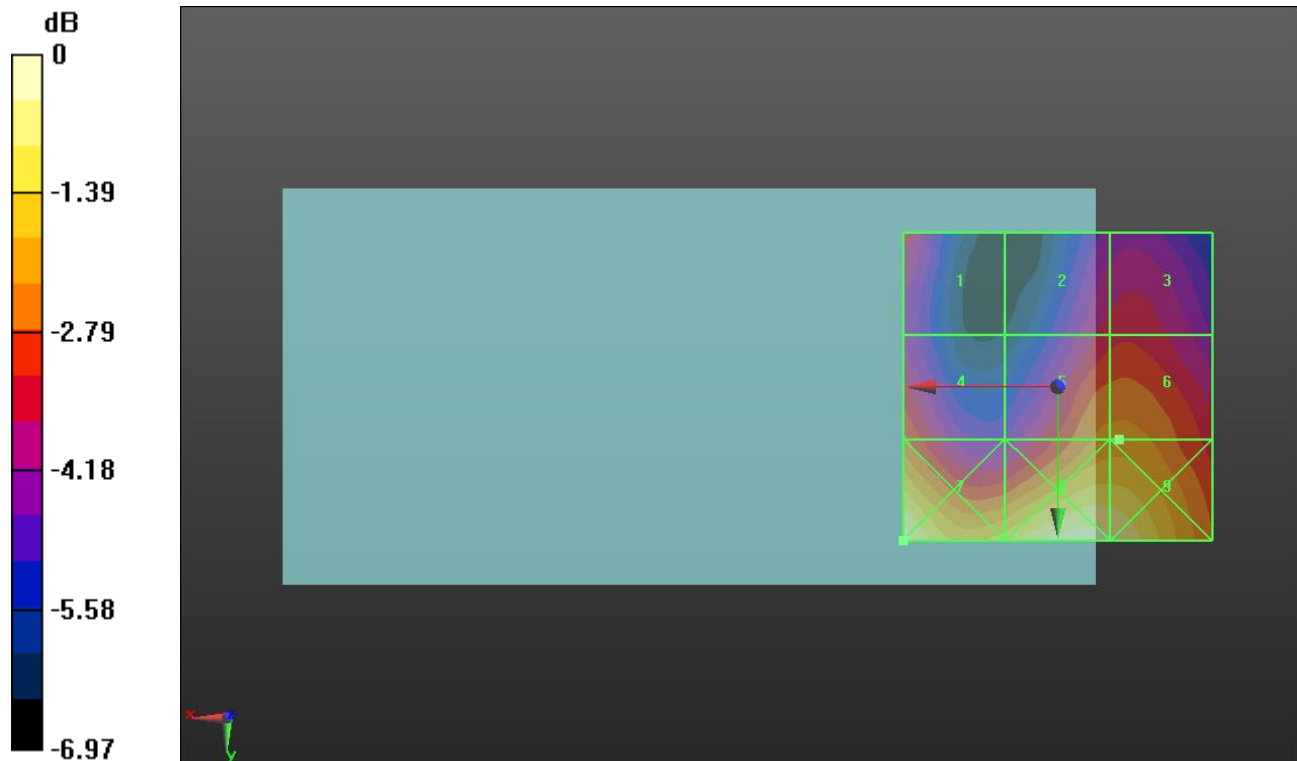
Applied MIF = -1.44 dB

RF audio interference level = 23.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.04 dBV/m	Grid 2 M4 22 dBV/m	Grid 3 M4 22.12 dBV/m
Grid 4 M4 22.82 dBV/m	Grid 5 M4 23.33 dBV/m	Grid 6 M4 23.35 dBV/m
Grid 7 M4 25.45 dBV/m	Grid 8 M4 25.28 dBV/m	Grid 9 M4 25.09 dBV/m



0 dB = 18.72 V/m = 25.45 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)

**PC3 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 = 19.39 V/m; Power Drift = 0.15 dB

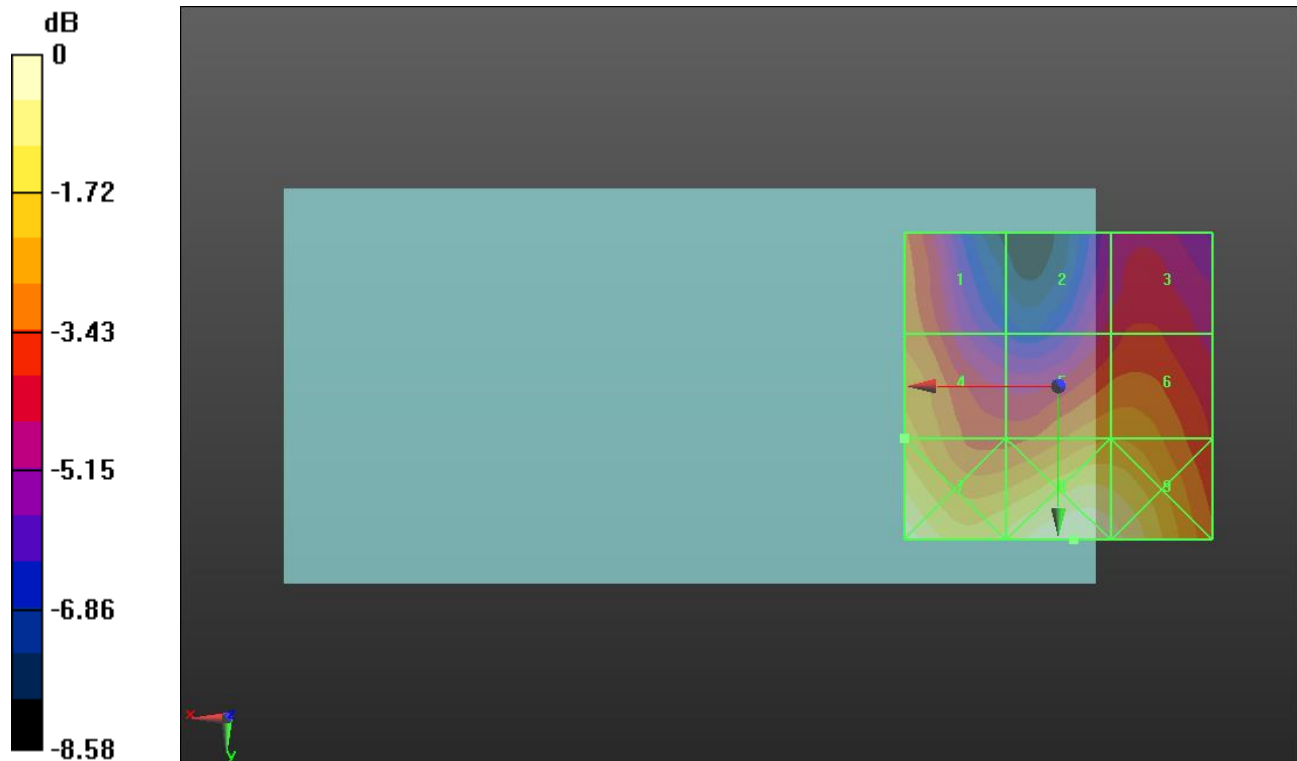
Applied MIF = -1.44 dB

RF audio interference level = 23.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.96 dBV/m	Grid 2 M4 21.63 dBV/m	Grid 3 M4 22.01 dBV/m
Grid 4 M4 23.96 dBV/m	Grid 5 M4 23.59 dBV/m	Grid 6 M4 23.6 dBV/m
Grid 7 M4 25.87 dBV/m	Grid 8 M4 25.9 dBV/m	Grid 9 M4 25.58 dBV/m



0 dB = 19.71 V/m = 25.89 dBV/m

LTE Band 41 ANT 1 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 26.63 V/m; Power Drift = -0.05 dB

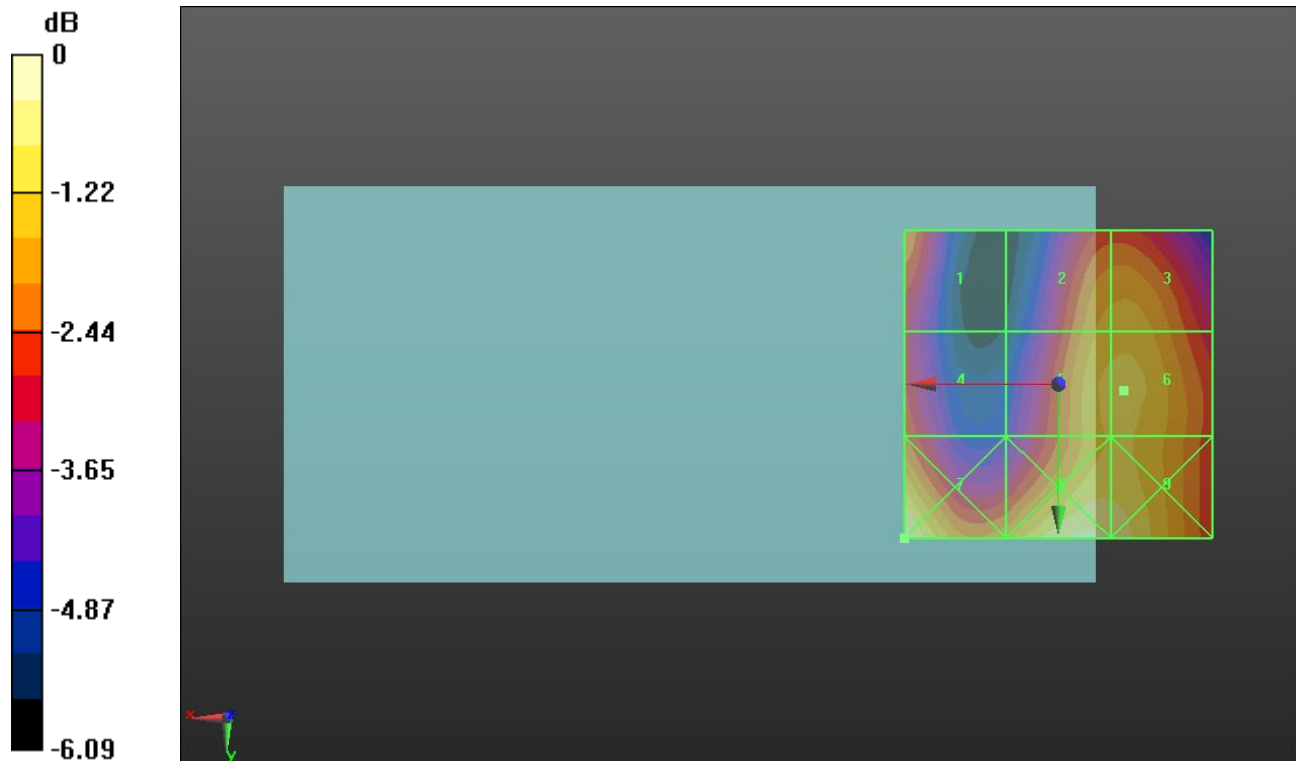
Applied MIF = -1.44 dB

RF audio interference level = 25.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.88 dBV/m	Grid 2 M4 25.42 dBV/m	Grid 3 M4 25.48 dBV/m
Grid 4 M4 24.52 dBV/m	Grid 5 M4 25.72 dBV/m	Grid 6 M4 25.77 dBV/m
Grid 7 M4 26.81 dBV/m	Grid 8 M4 26.54 dBV/m	Grid 9 M4 26.38 dBV/m



0 dB = 21.90 V/m = 26.81 dBV/m

LTE Band 41 ANT 1 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 22.89 V/m; Power Drift = 0.10 dB

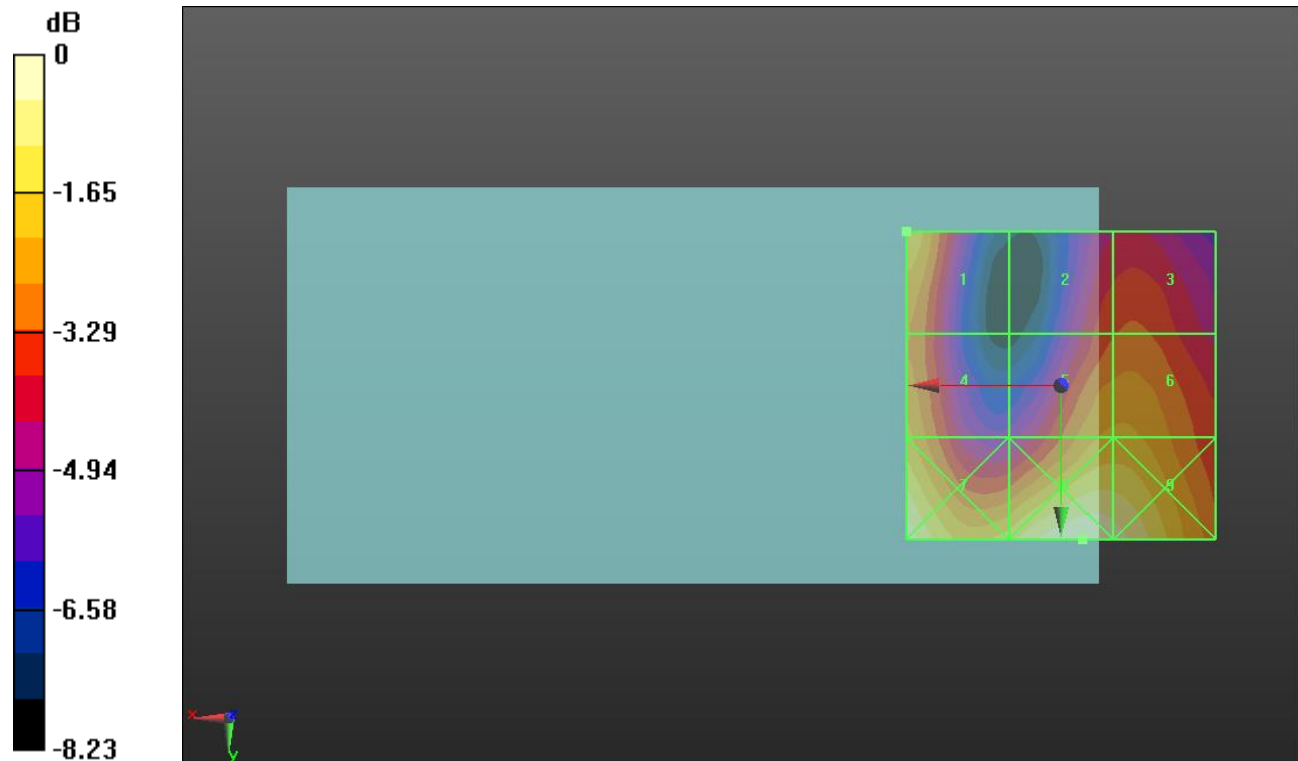
Applied MIF = -1.44 dB

RF audio interference level = 25.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.35 dBV/m	Grid 2 M4 23.67 dBV/m	Grid 3 M4 23.84 dBV/m
Grid 4 M4 25.05 dBV/m	Grid 5 M4 24.93 dBV/m	Grid 6 M4 24.94 dBV/m
Grid 7 M4 26.91 dBV/m	Grid 8 M4 27 dBV/m	Grid 9 M4 26.72 dBV/m



0 dB = 22.38 V/m = 27.00 dBV/m

LTE Band 41 ANT 1 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 24.20 V/m; Power Drift = 0.07 dB

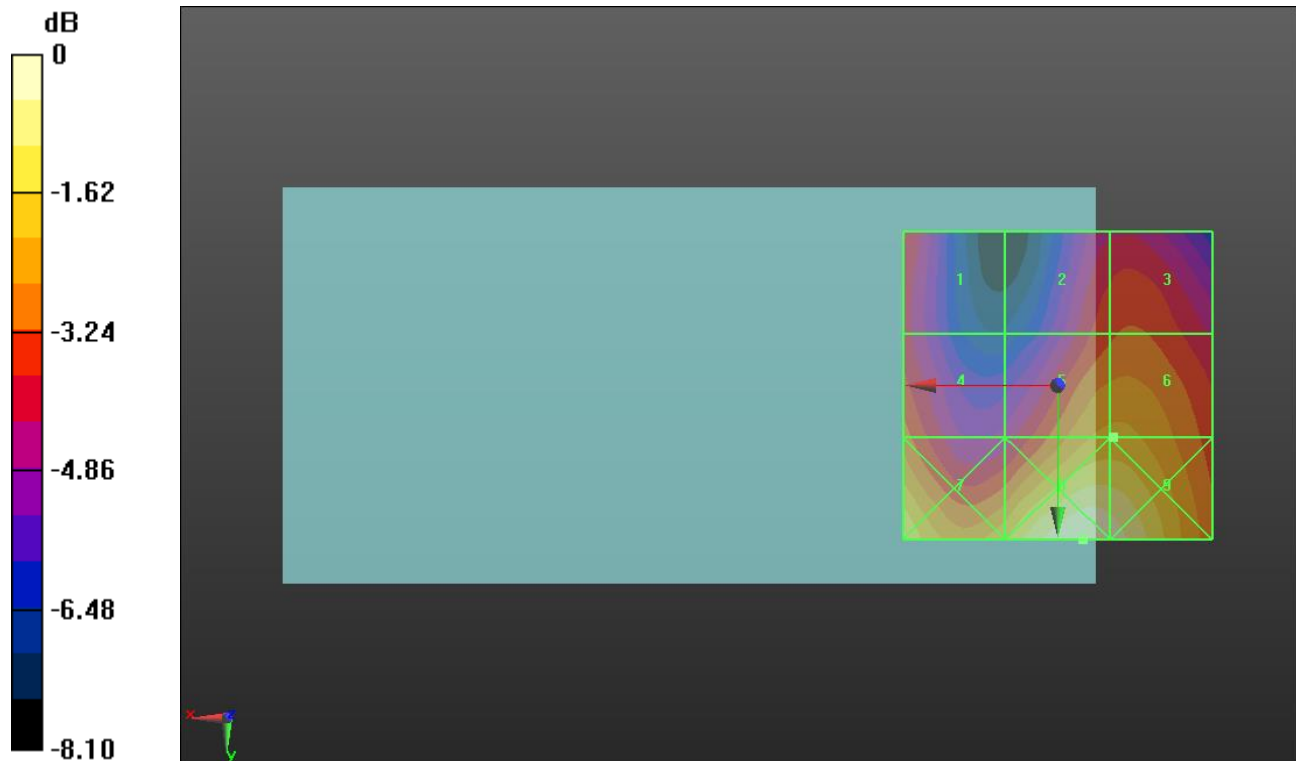
Applied MIF = -1.44 dB

RF audio interference level = 25.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.83 dBV/m	Grid 2 M4 24.15 dBV/m	Grid 3 M4 24.32 dBV/m
Grid 4 M4 24.55 dBV/m	Grid 5 M4 25.5 dBV/m	Grid 6 M4 25.51 dBV/m
Grid 7 M4 26.63 dBV/m	Grid 8 M4 27.48 dBV/m	Grid 9 M4 27.25 dBV/m



0 dB = 23.67 V/m = 27.48 dBV/m

LTE Band 41 ANT 1 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 19.44 V/m; Power Drift = 0.00 dB

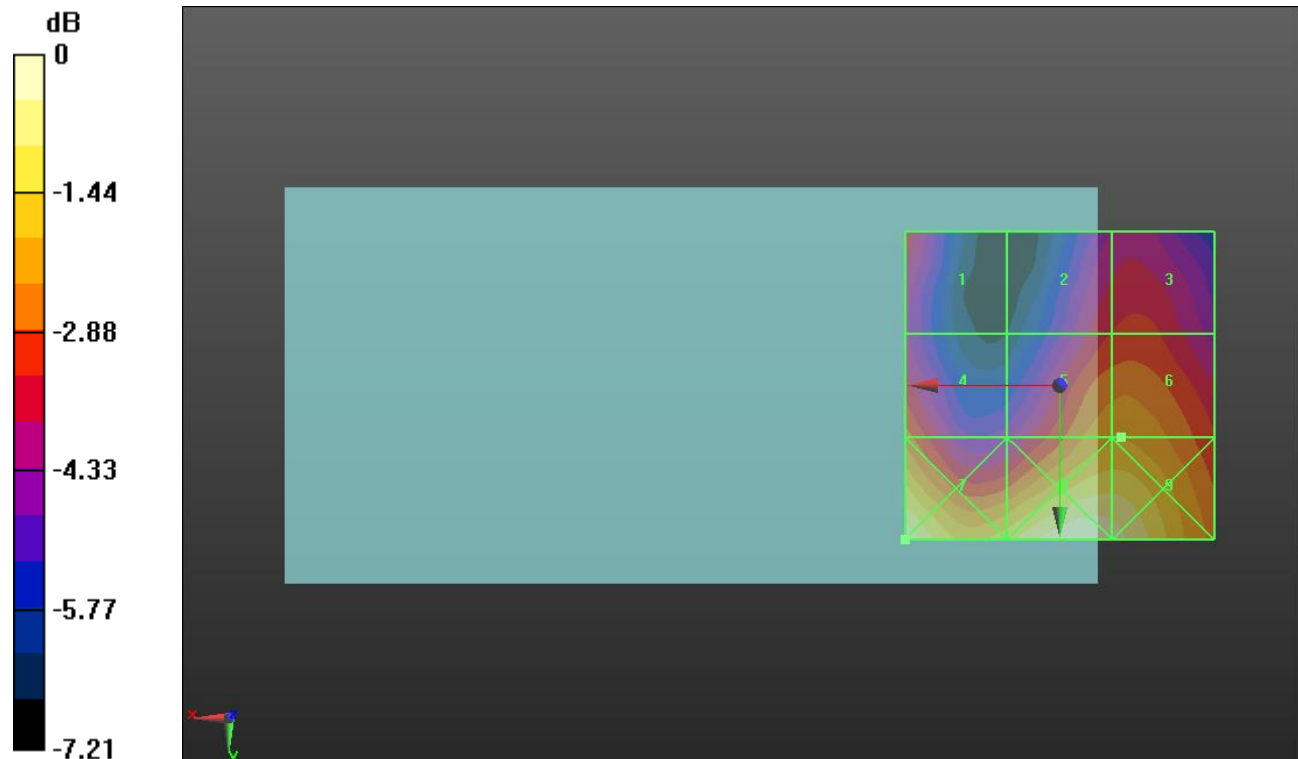
Applied MIF = -1.44 dB

RF audio interference level = 23.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.08 dBV/m	Grid 2 M4 22.14 dBV/m	Grid 3 M4 22.3 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 23.48 dBV/m	Grid 6 M4 23.51 dBV/m
Grid 7 M4 25.46 dBV/m	Grid 8 M4 25.44 dBV/m	Grid 9 M4 25.21 dBV/m



0 dB = 18.76 V/m = 25.46 dBV/m

LTE Band 41 ANT 1 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 19.63 V/m; Power Drift = 0.17 dB

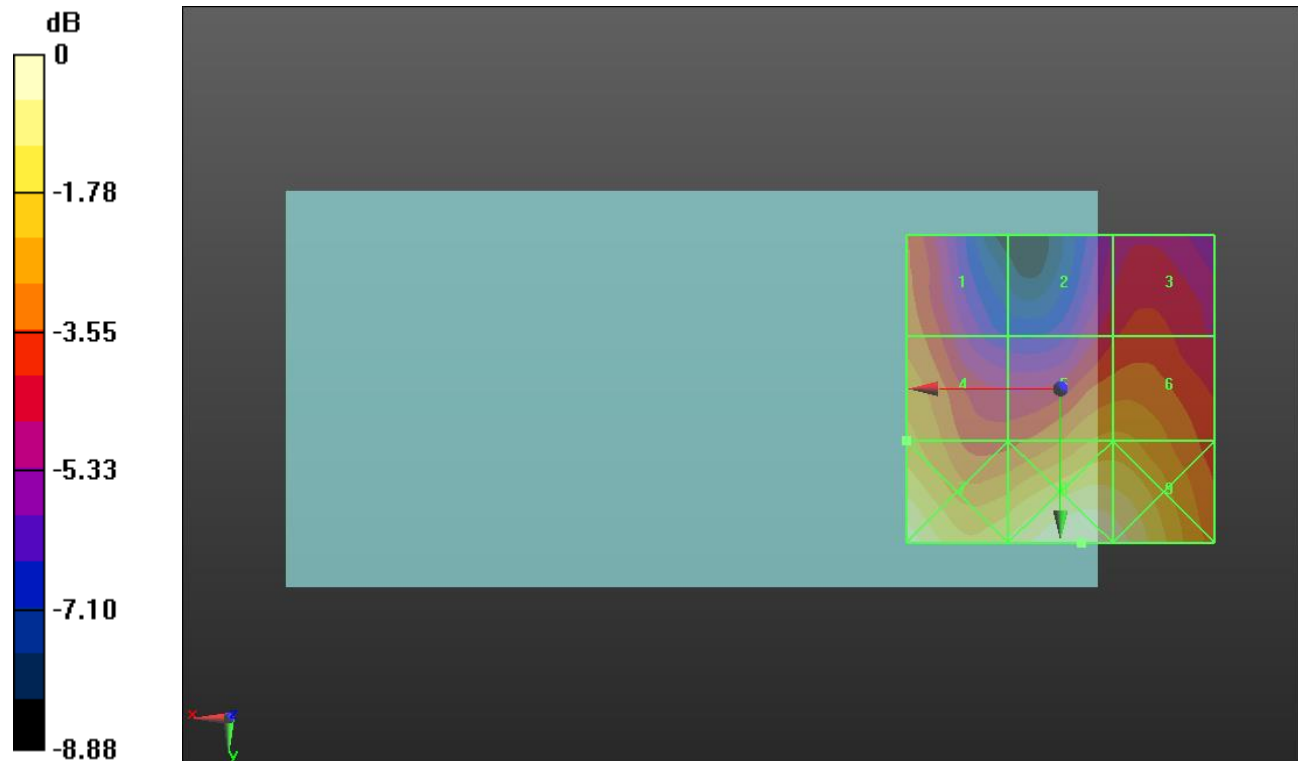
Applied MIF = -1.44 dB

RF audio interference level = 23.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.9 dBV/m	Grid 2 M4 21.83 dBV/m	Grid 3 M4 22.18 dBV/m
Grid 4 M4 23.9 dBV/m	Grid 5 M4 23.88 dBV/m	Grid 6 M4 23.88 dBV/m
Grid 7 M4 26 dBV/m	Grid 8 M4 26.05 dBV/m	Grid 9 M4 25.78 dBV/m



0 dB = 20.07 V/m = 26.05 dBV/m

GSM1900 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 = 126.2 V/m; Power Drift = -0.04 dB

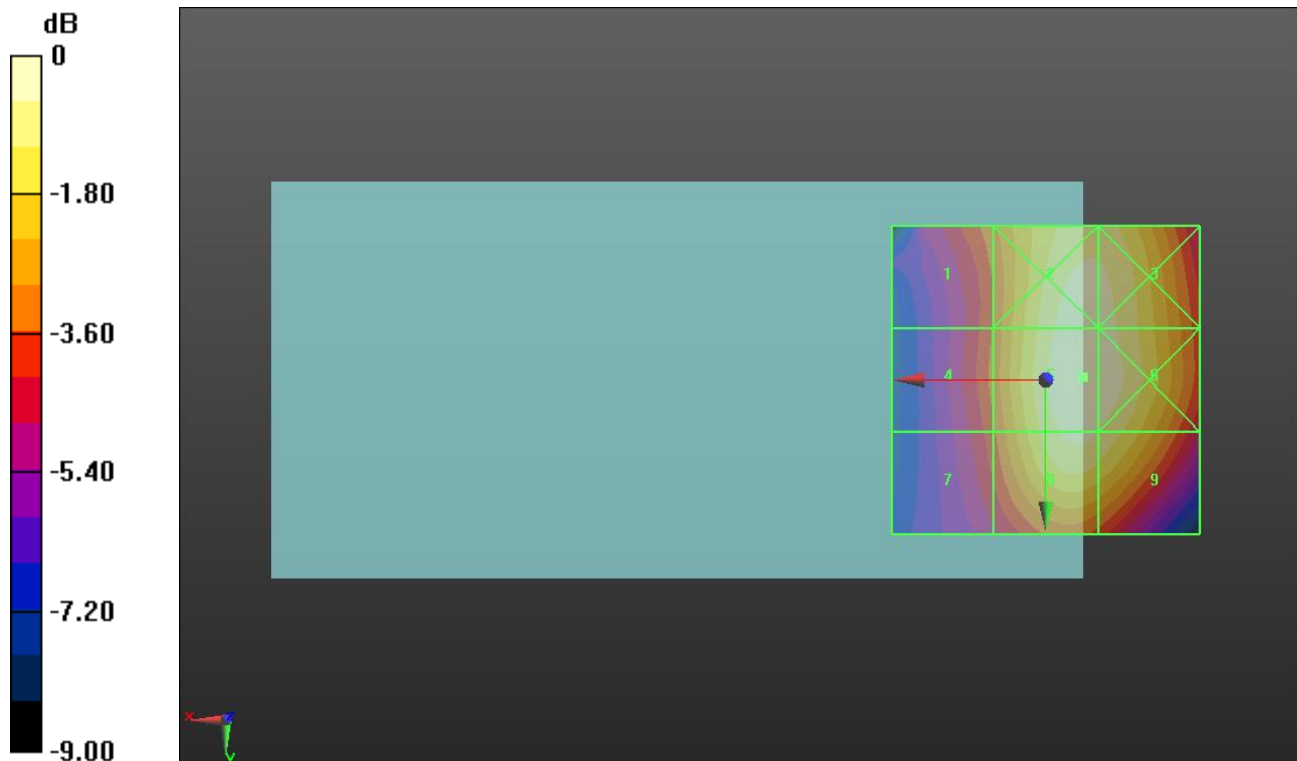
Applied MIF = 3.63 dB

RF audio interference level = 41.51 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.42 dBV/m	Grid 2 M3 41.29 dBV/m	Grid 3 M3 41.2 dBV/m
Grid 4 M4 38.17 dBV/m	Grid 5 M3 41.51 dBV/m	Grid 6 M3 41.4 dBV/m
Grid 7 M4 37.8 dBV/m	Grid 8 M3 41.12 dBV/m	Grid 9 M3 40.91 dBV/m



0 dB = 119.0 V/m = 41.51 dBV/m

GSM1900 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 = 124.3 V/m; Power Drift = -0.07 dB

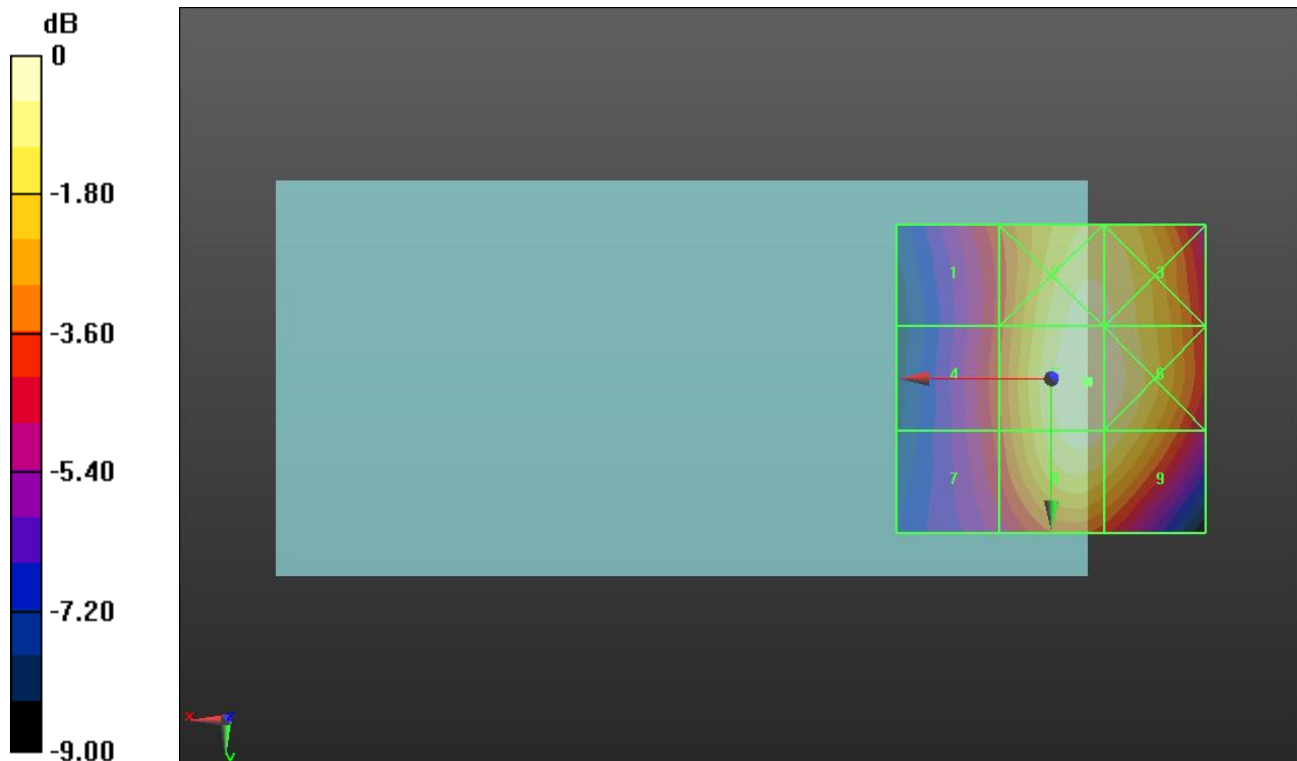
Applied MIF = 3.63 dB

RF audio interference level = 41.15 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.52 dBV/m	Grid 2 M3 40.86 dBV/m	Grid 3 M3 40.74 dBV/m
Grid 4 M4 37.56 dBV/m	Grid 5 M3 41.15 dBV/m	Grid 6 M3 41 dBV/m
Grid 7 M4 37.32 dBV/m	Grid 8 M3 40.85 dBV/m	Grid 9 M3 40.59 dBV/m



0 dB = 114.1 V/m = 41.15 dBV/m

GSM1900 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 = 119.1 V/m; Power Drift = 0.01 dB

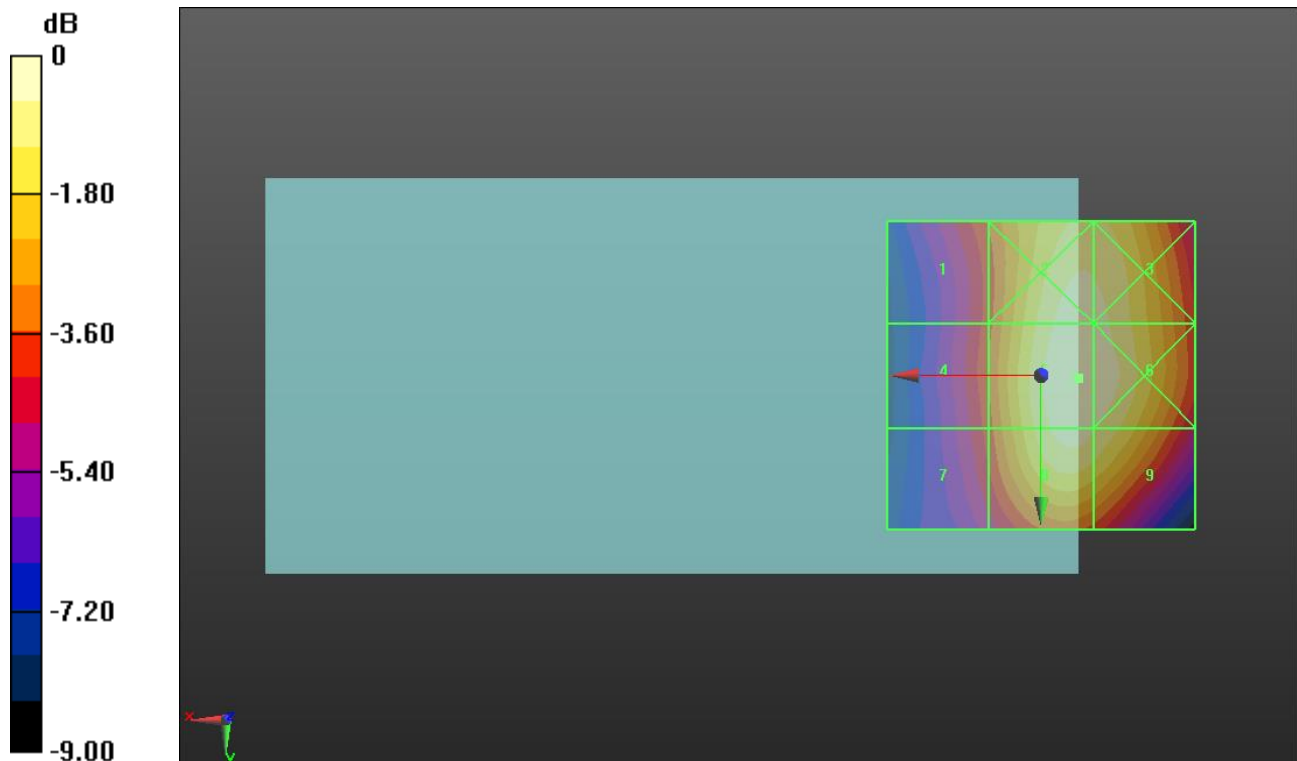
Applied MIF = 3.63 dB

RF audio interference level = 40.97 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 37.47 dBV/m	Grid 2 M3 40.7 dBV/m	Grid 3 M3 40.61 dBV/m
Grid 4 M4 37.4 dBV/m	Grid 5 M3 40.97 dBV/m	Grid 6 M3 40.87 dBV/m
Grid 7 M4 37.12 dBV/m	Grid 8 M3 40.68 dBV/m	Grid 9 M3 40.44 dBV/m



0 dB = 111.8 V/m = 40.97 dBV/m

GSM1900 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 = 19.10 V/m; Power Drift = -0.14 dB

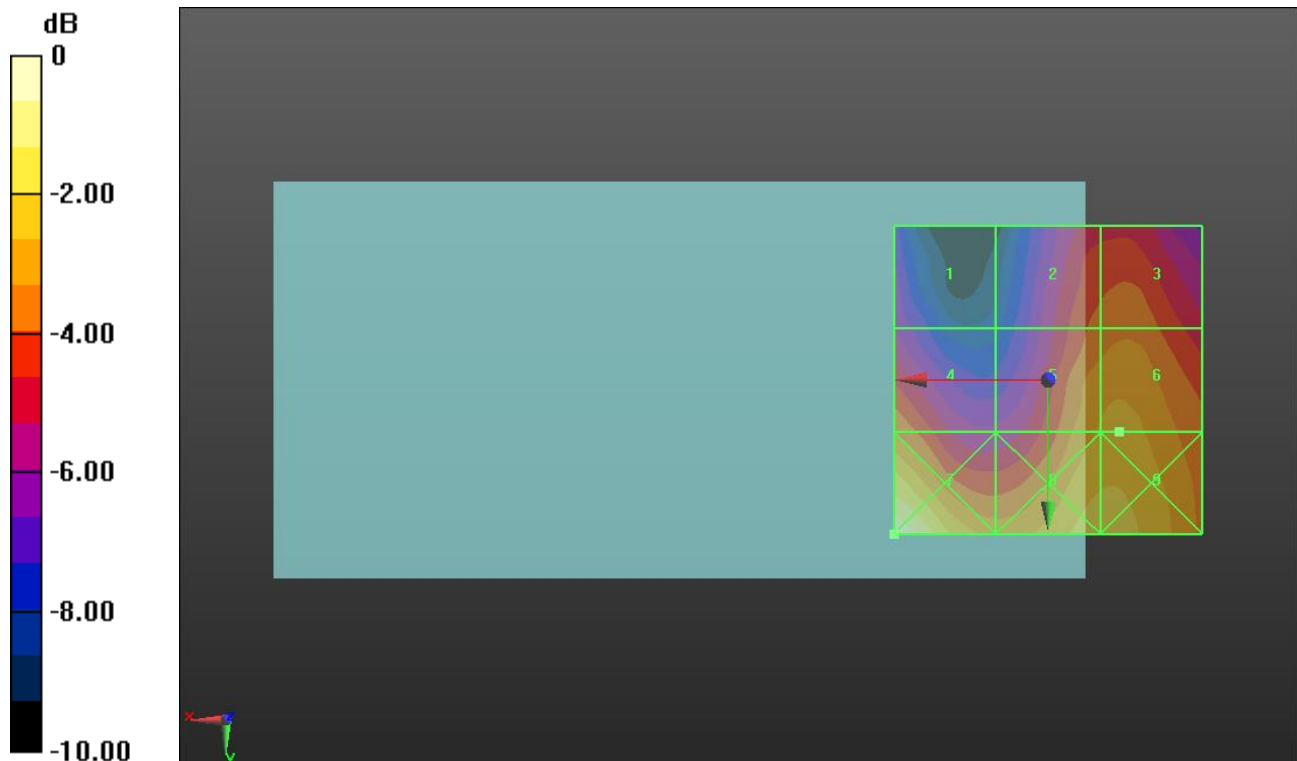
Applied MIF = 3.63 dB

RF audio interference level = 27.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.37 dBV/m	Grid 2 M4 26.68 dBV/m	Grid 3 M4 26.92 dBV/m
Grid 4 M4 27.13 dBV/m	Grid 5 M4 27.83 dBV/m	Grid 6 M4 27.98 dBV/m
Grid 7 M3 30.39 dBV/m	Grid 8 M4 28.74 dBV/m	Grid 9 M4 28.75 dBV/m



0 dB = 33.08 V/m = 30.39 dBV/m

GSM1900 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 = 18.61 V/m; Power Drift = 0.06 dB

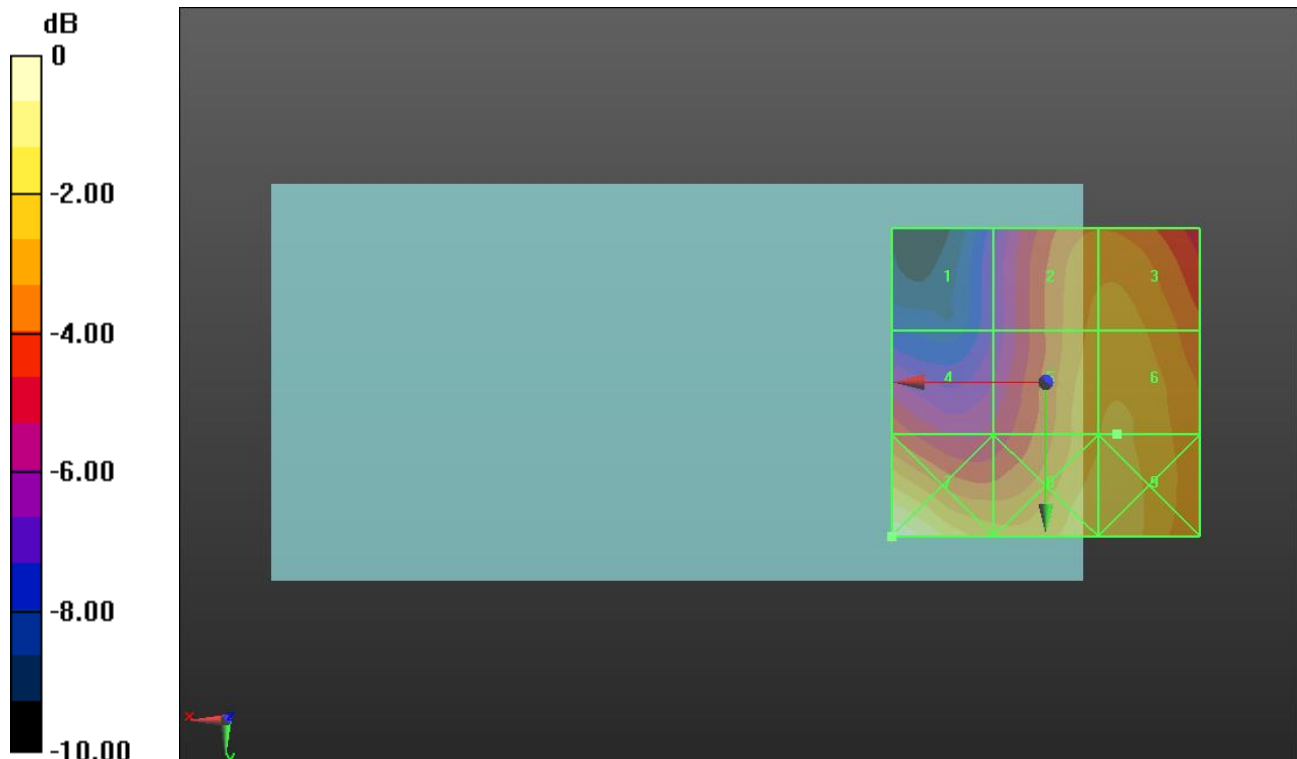
Applied MIF = 3.63 dB

RF audio interference level = 28.51 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.79 dBV/m	Grid 2 M4 27.96 dBV/m	Grid 3 M4 28.07 dBV/m
Grid 4 M4 26.4 dBV/m	Grid 5 M4 28.37 dBV/m	Grid 6 M4 28.51 dBV/m
Grid 7 M3 30.4 dBV/m	Grid 8 M4 28.82 dBV/m	Grid 9 M4 28.83 dBV/m



0 dB = 33.13 V/m = 30.40 dBV/m

GSM1900 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 = 15.27 V/m; Power Drift = 0.05 dB

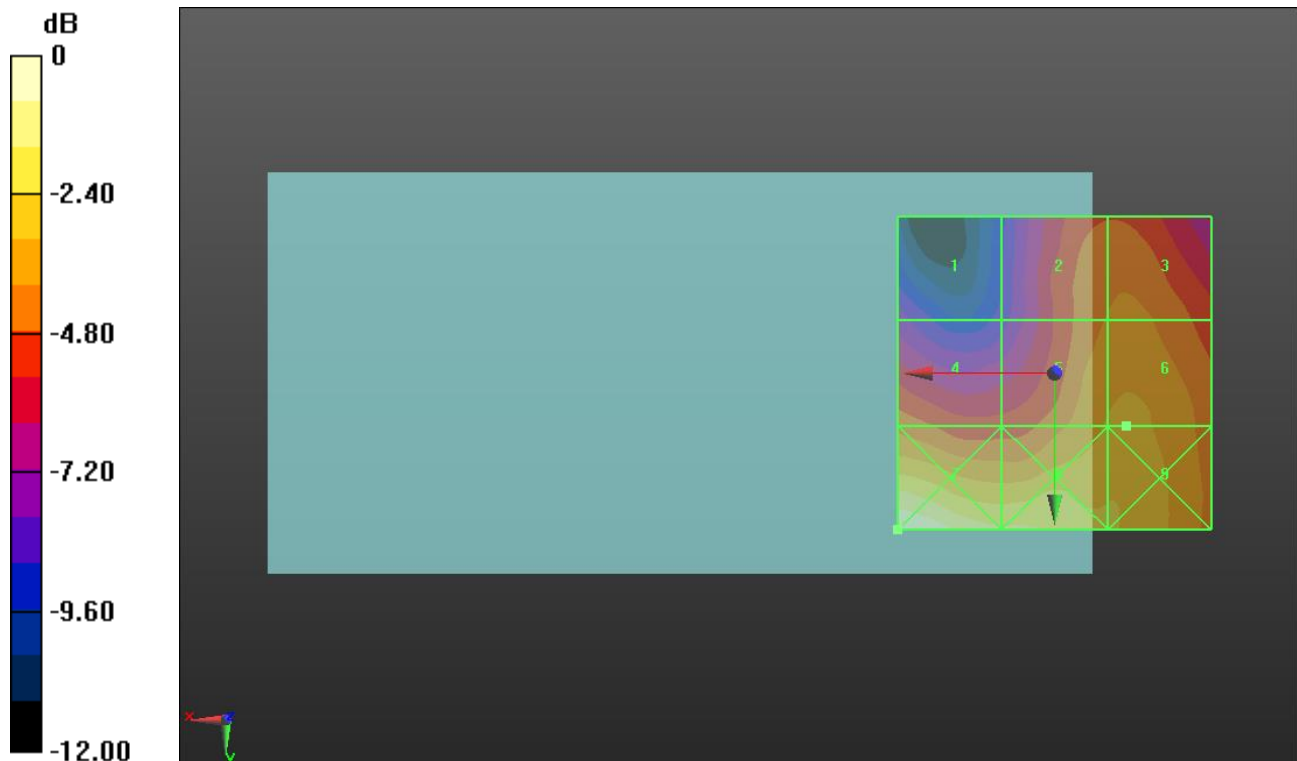
Applied MIF = 3.63 dB

RF audio interference level = 27.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 26.25 dBV/m	Grid 3 M4 26.39 dBV/m
Grid 4 M4 25.93 dBV/m	Grid 5 M4 27.07 dBV/m	Grid 6 M4 27.19 dBV/m
Grid 7 M3 30.17 dBV/m	Grid 8 M4 28.72 dBV/m	Grid 9 M4 27.86 dBV/m



0 dB = 32.26 V/m = 30.17 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 1013/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 54.07 V/m; Power Drift = -0.01 dB

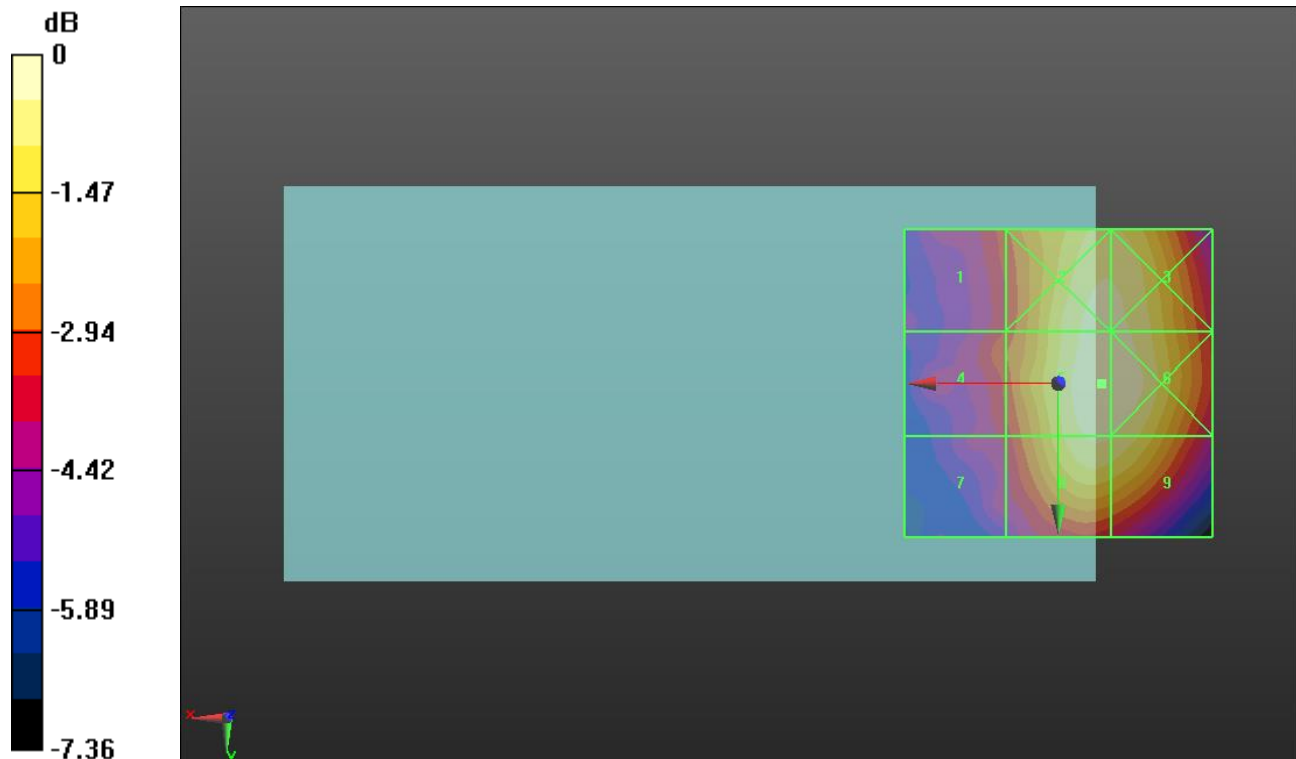
Applied MIF = 3.26 dB

RF audio interference level = 33.99 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.91 dBV/m	Grid 2 M4 33.74 dBV/m	Grid 3 M4 33.72 dBV/m
Grid 4 M4 31.03 dBV/m	Grid 5 M4 33.99 dBV/m	Grid 6 M4 33.97 dBV/m
Grid 7 M4 30.34 dBV/m	Grid 8 M4 33.62 dBV/m	Grid 9 M4 33.54 dBV/m



0 dB = 50.09 V/m = 34.00 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 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 = 54.82 V/m; Power Drift = -0.01 dB

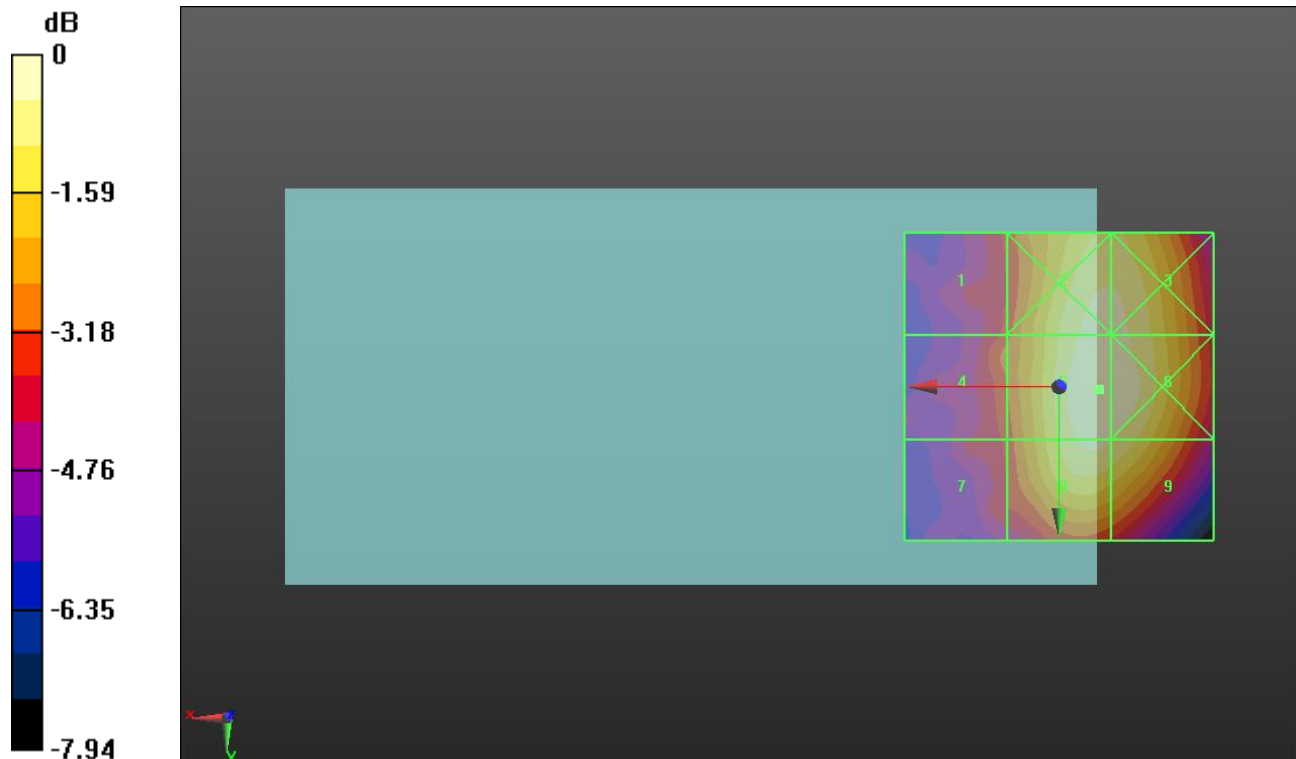
Applied MIF = 3.26 dB

RF audio interference level = 33.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.47 dBV/m	Grid 2 M4 33.57 dBV/m	Grid 3 M4 33.53 dBV/m
Grid 4 M4 30.88 dBV/m	Grid 5 M4 33.85 dBV/m	Grid 6 M4 33.8 dBV/m
Grid 7 M4 30.37 dBV/m	Grid 8 M4 33.52 dBV/m	Grid 9 M4 33.37 dBV/m



0 dB = 49.27 V/m = 33.85 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 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 = 54.85 V/m; Power Drift = 0.09 dB

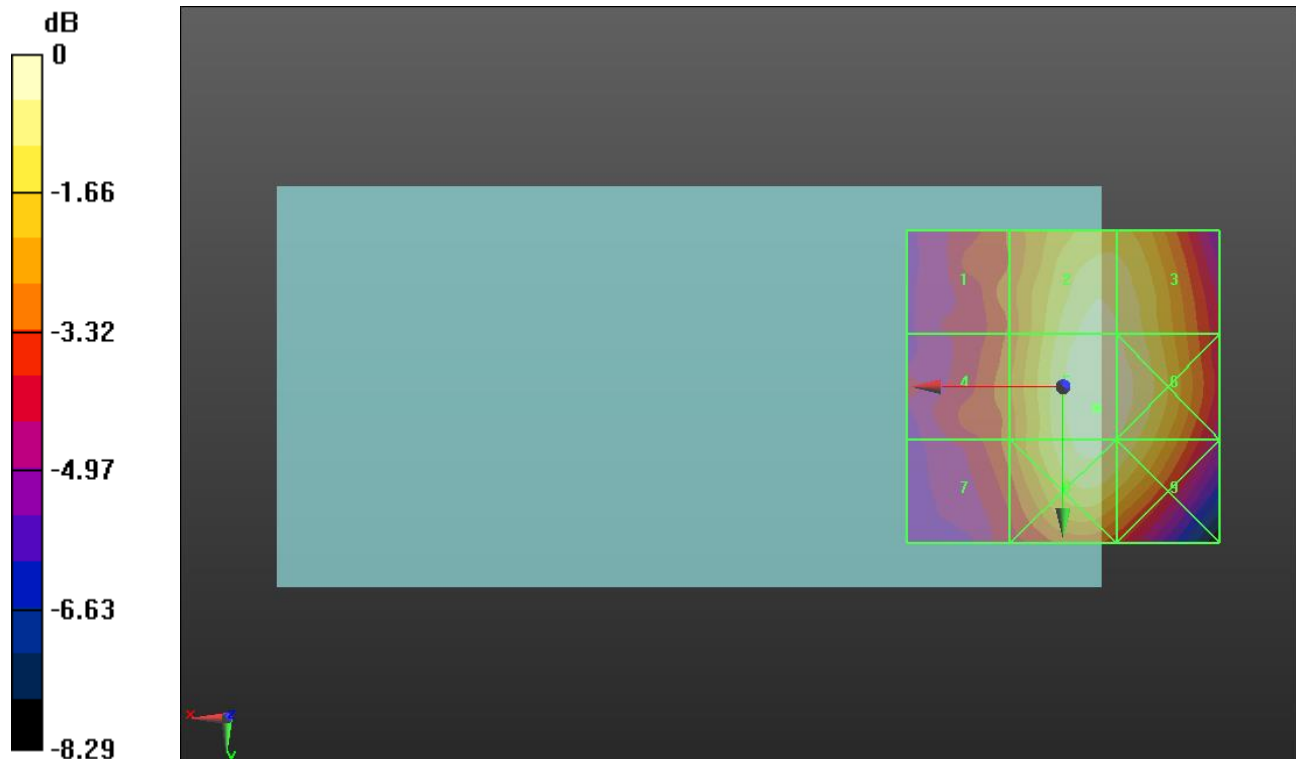
Applied MIF = 3.26 dB

RF audio interference level = 33.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.71 dBV/m	Grid 2 M4 33.31 dBV/m	Grid 3 M4 33.15 dBV/m
Grid 4 M4 30.83 dBV/m	Grid 5 M4 33.63 dBV/m	Grid 6 M4 33.43 dBV/m
Grid 7 M4 30.64 dBV/m	Grid 8 M4 33.35 dBV/m	Grid 9 M4 33.11 dBV/m



0 dB = 48.06 V/m = 33.64 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 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 = 14.38 V/m; Power Drift = 0.18 dB

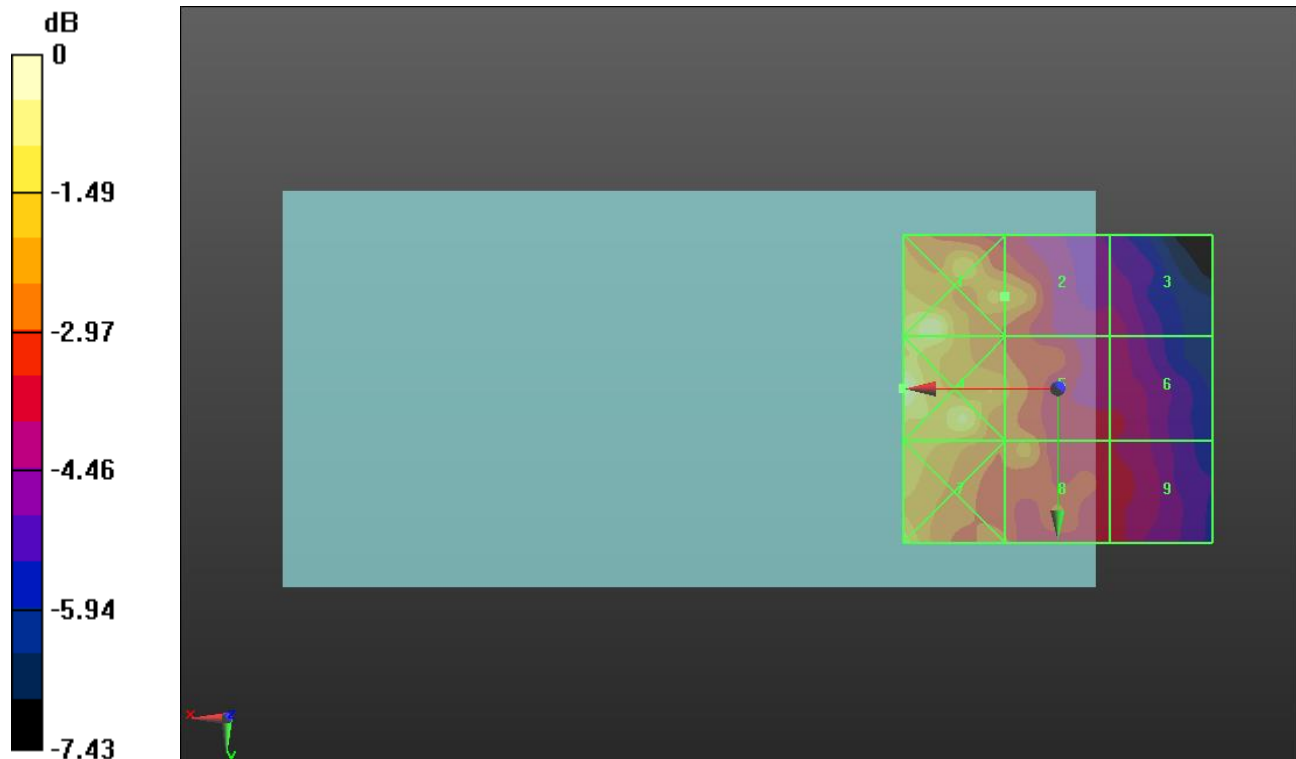
Applied MIF = 3.26 dB

RF audio interference level = 25.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.02 dBV/m	Grid 2 M4 25.49 dBV/m	Grid 3 M4 23.38 dBV/m
Grid 4 M4 27.58 dBV/m	Grid 5 M4 25.29 dBV/m	Grid 6 M4 23.77 dBV/m
Grid 7 M4 26.62 dBV/m	Grid 8 M4 25.26 dBV/m	Grid 9 M4 23.95 dBV/m



0 dB = 23.93 V/m = 27.58 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 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 = 14.24 V/m; Power Drift = -0.19 dB

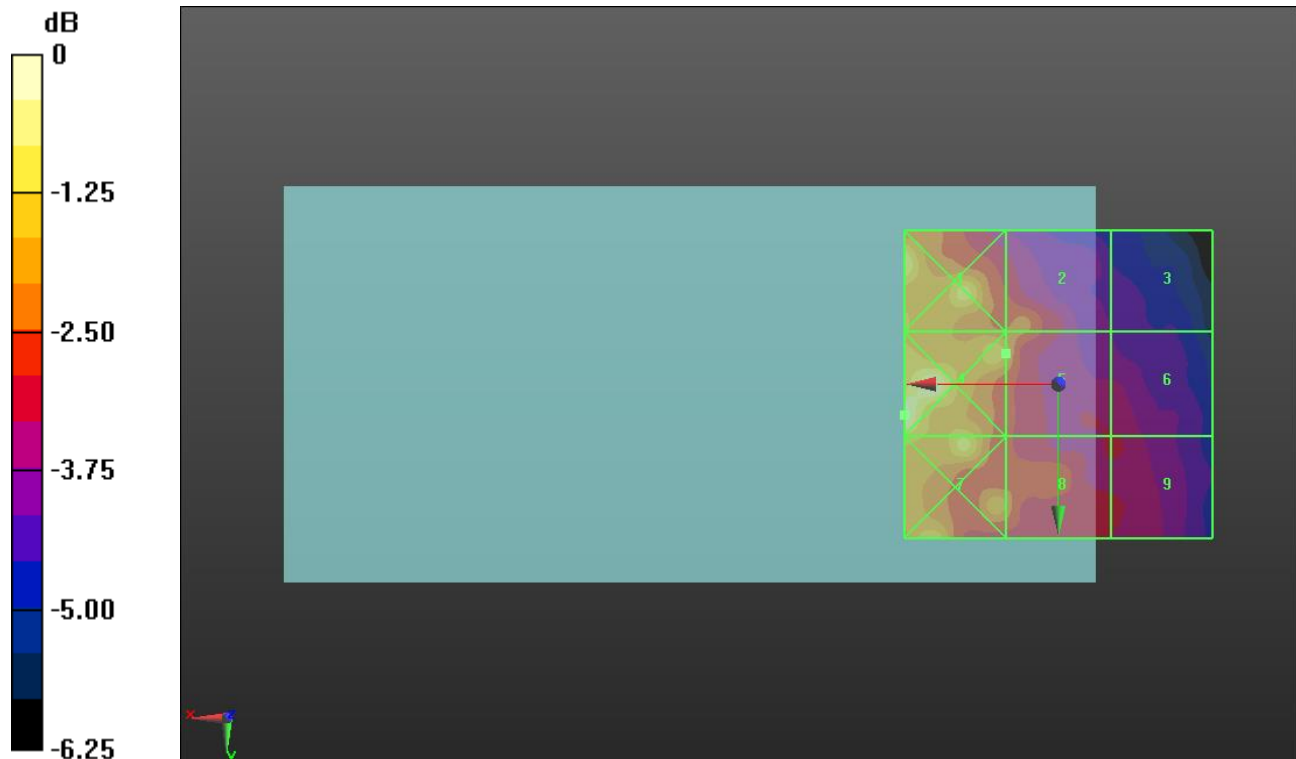
Applied MIF = 3.26 dB

RF audio interference level = 25.95 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.12 dBV/m	Grid 2 M4 25.39 dBV/m	Grid 3 M4 23.6 dBV/m
Grid 4 M4 27.74 dBV/m	Grid 5 M4 25.95 dBV/m	Grid 6 M4 24.44 dBV/m
Grid 7 M4 26.65 dBV/m	Grid 8 M4 25.63 dBV/m	Grid 9 M4 24.48 dBV/m



0 dB = 24.36 V/m = 27.73 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 1175/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.69 V/m; Power Drift = 0.15 dB

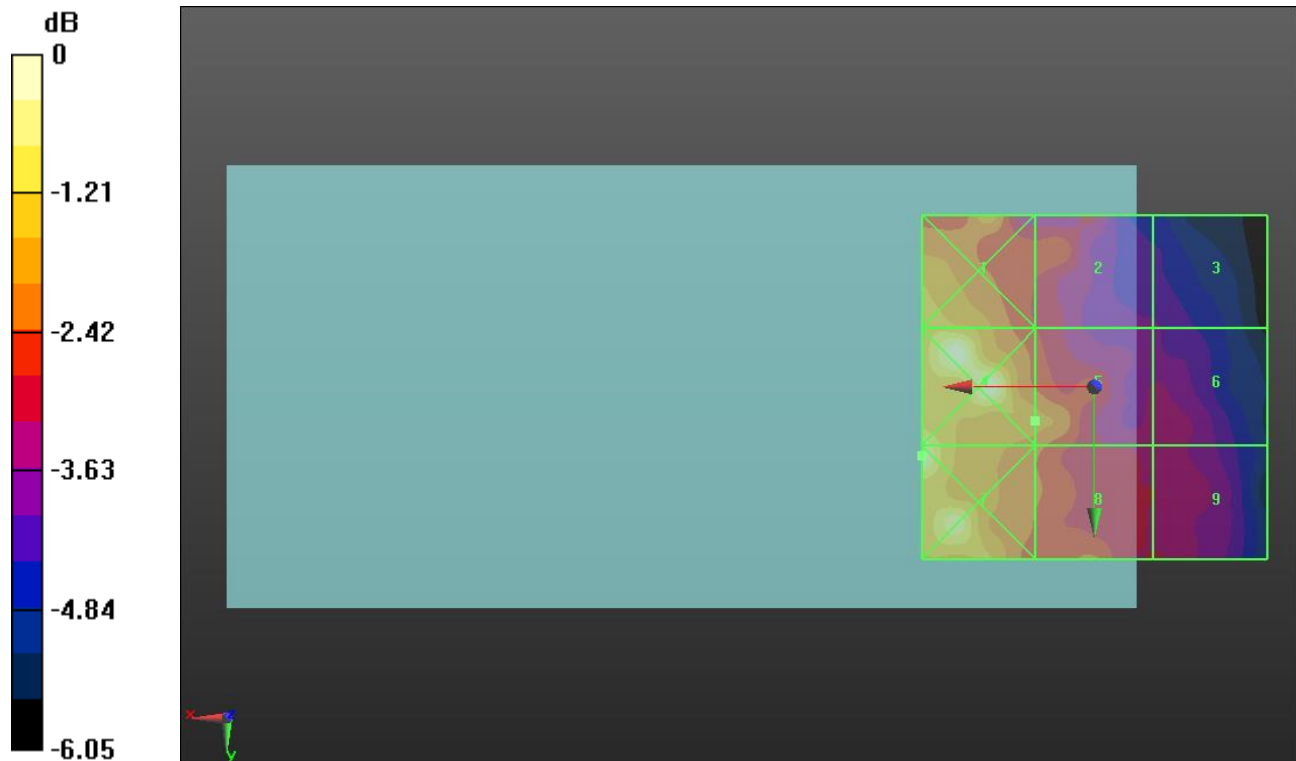
Applied MIF = 3.26 dB

RF audio interference level = 25.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.26 dBV/m	Grid 2 M4 25.13 dBV/m	Grid 3 M4 23.59 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 25.7 dBV/m	Grid 6 M4 24.13 dBV/m
Grid 7 M4 27.56 dBV/m	Grid 8 M4 25.31 dBV/m	Grid 9 M4 24.4 dBV/m



0 dB = 23.88 V/m = 27.56 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 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 = 52.01 V/m; Power Drift = -0.07 dB

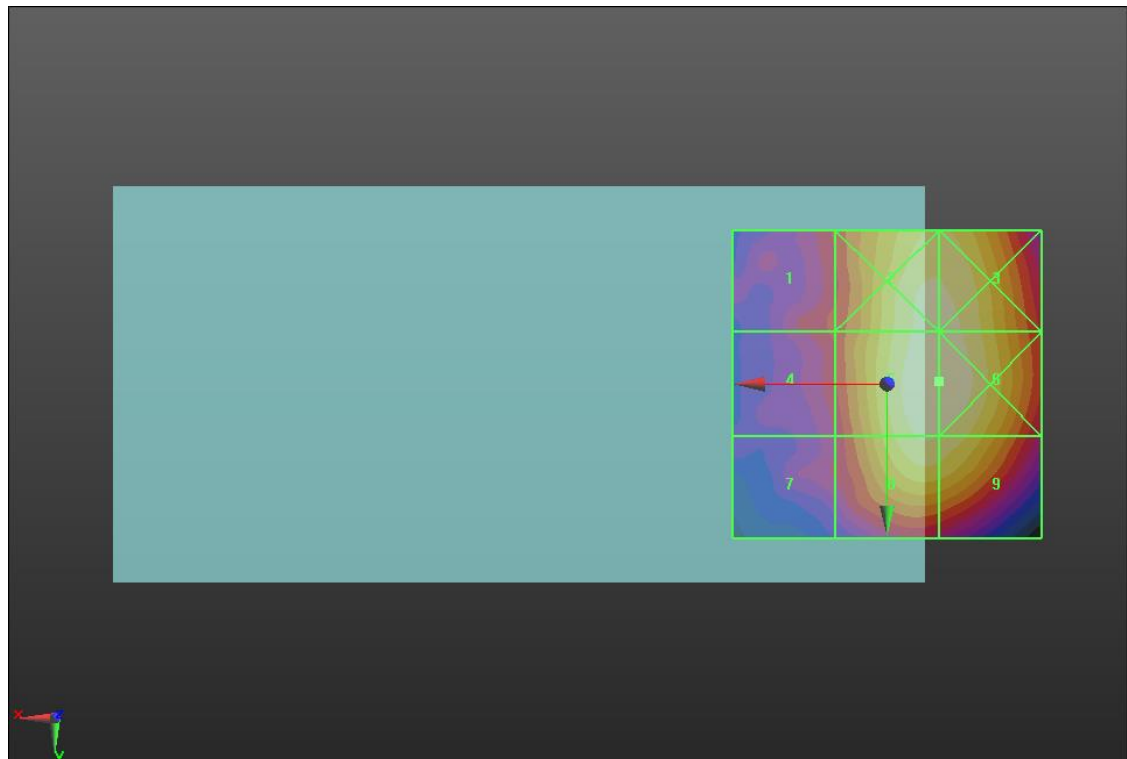
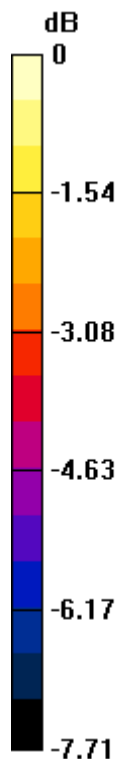
Applied MIF = 3.26 dB

RF audio interference level = 33.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.21 dBV/m	Grid 2 M4 33.33 dBV/m	Grid 3 M4 33.32 dBV/m
Grid 4 M4 30.18 dBV/m	Grid 5 M4 33.59 dBV/m	Grid 6 M4 33.59 dBV/m
Grid 7 M4 29.6 dBV/m	Grid 8 M4 33.15 dBV/m	Grid 9 M4 33.05 dBV/m



0 dB = 47.81 V/m = 33.59 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 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 = 53.18 V/m; Power Drift = -0.09 dB

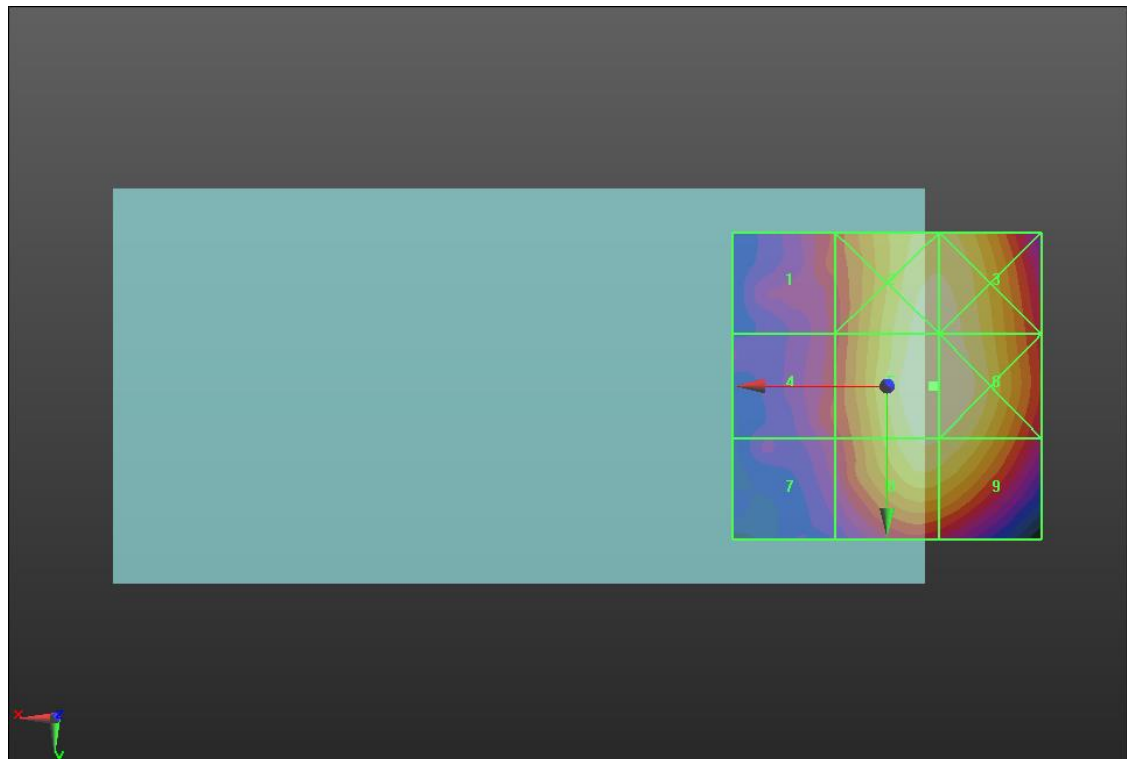
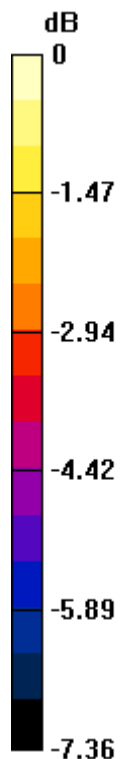
Applied MIF = 3.26 dB

RF audio interference level = 33.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.75 dBV/m	Grid 2 M4 33.72 dBV/m	Grid 3 M4 33.71 dBV/m
Grid 4 M4 30.65 dBV/m	Grid 5 M4 33.93 dBV/m	Grid 6 M4 33.92 dBV/m
Grid 7 M4 30.15 dBV/m	Grid 8 M4 33.53 dBV/m	Grid 9 M4 33.47 dBV/m



0 dB = 49.70 V/m = 33.93 dBV/m

CDMA2000 ANT 2

Communication System: UID 10295 - AAB, CDMA2000 ANT 2, 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 ANT 2 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 = 53.42 V/m; Power Drift = -0.05 dB

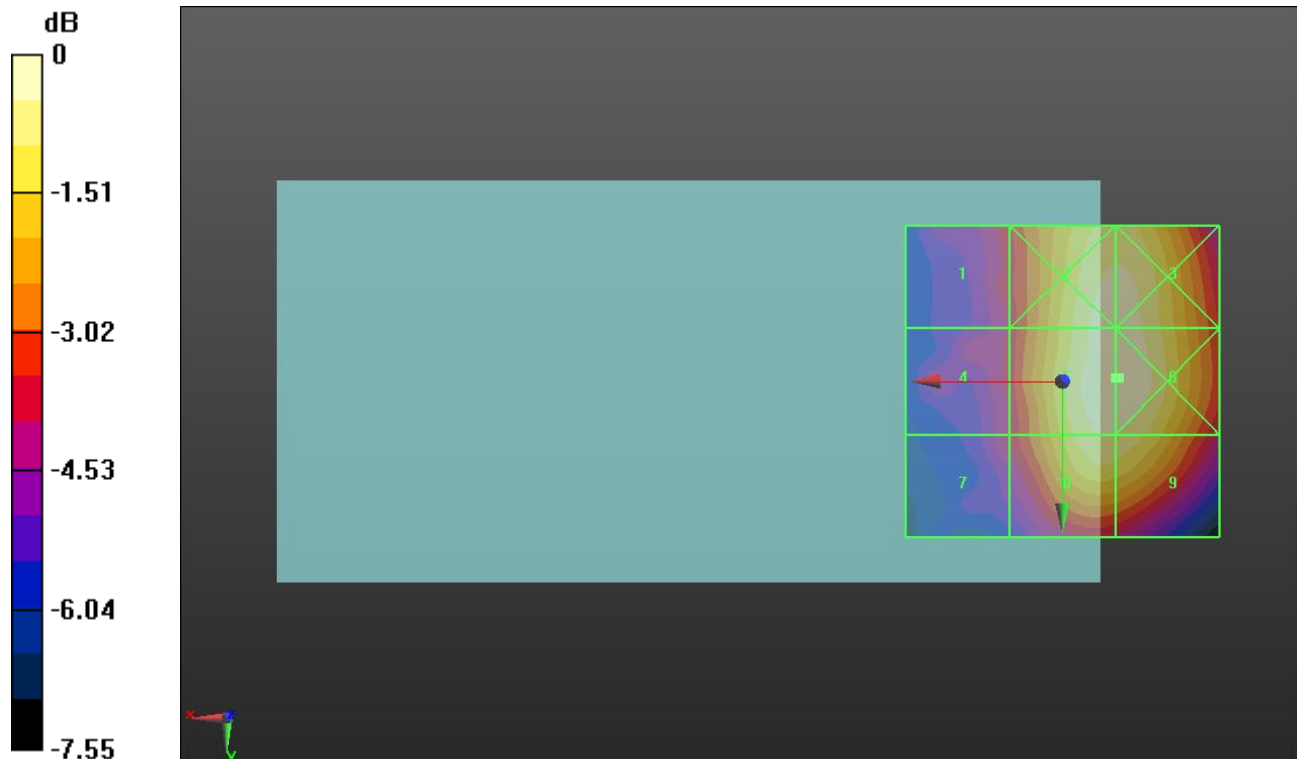
Applied MIF = 3.26 dB

RF audio interference level = 34.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.55 dBV/m	Grid 2 M4 33.85 dBV/m	Grid 3 M4 33.85 dBV/m
Grid 4 M4 30.32 dBV/m	Grid 5 M4 34.07 dBV/m	Grid 6 M4 34.07 dBV/m
Grid 7 M4 30.18 dBV/m	Grid 8 M4 33.59 dBV/m	Grid 9 M4 33.55 dBV/m



0 dB = 50.50 V/m = 34.07 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)

PC3 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 = 45.02 V/m; Power Drift = -0.13 dB

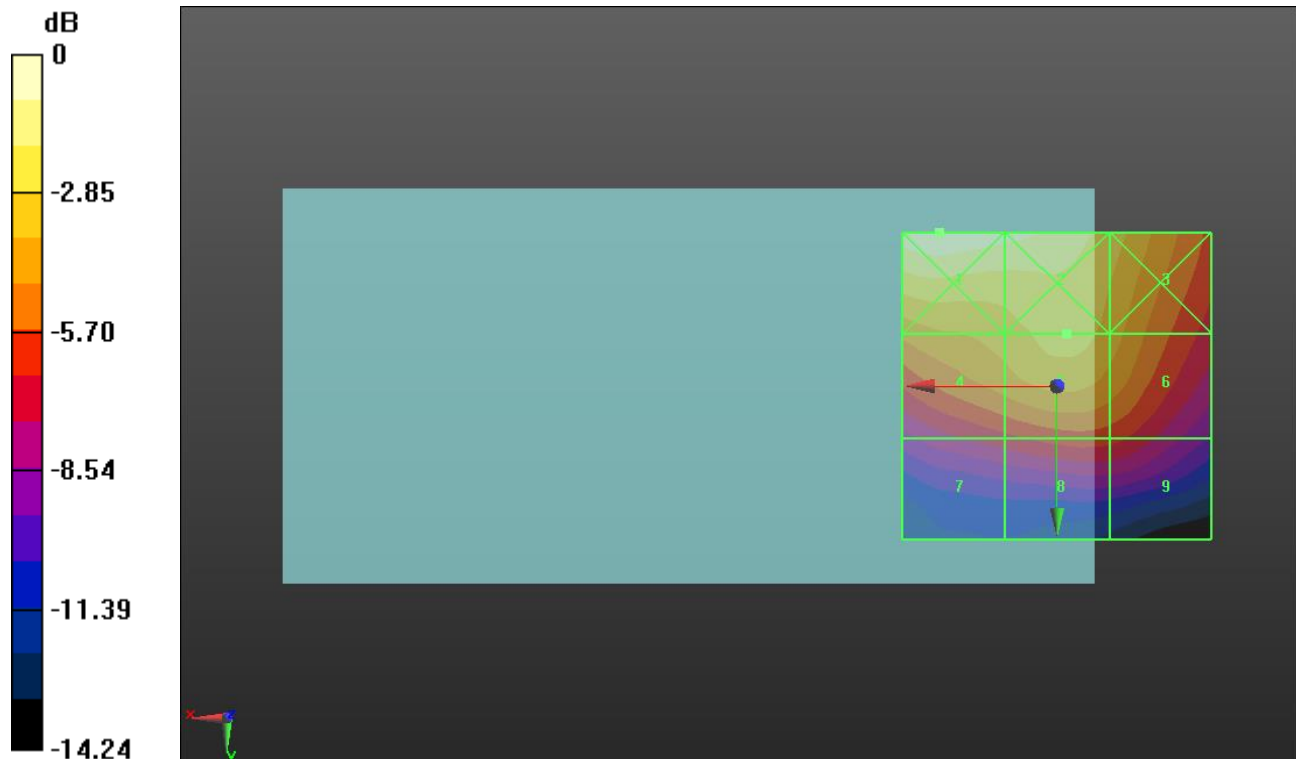
Applied MIF = -1.44 dB

RF audio interference level = 28.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 31.4 dBV/m	Grid 2 M3 30.94 dBV/m	Grid 3 M4 29.09 dBV/m
Grid 4 M4 28.09 dBV/m	Grid 5 M4 28.94 dBV/m	Grid 6 M4 28.11 dBV/m
Grid 7 M4 24.44 dBV/m	Grid 8 M4 25.32 dBV/m	Grid 9 M4 25.13 dBV/m



0 dB = 37.16 V/m = 31.40 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)

PC3 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 = 61.38 V/m; Power Drift = -0.03 dB

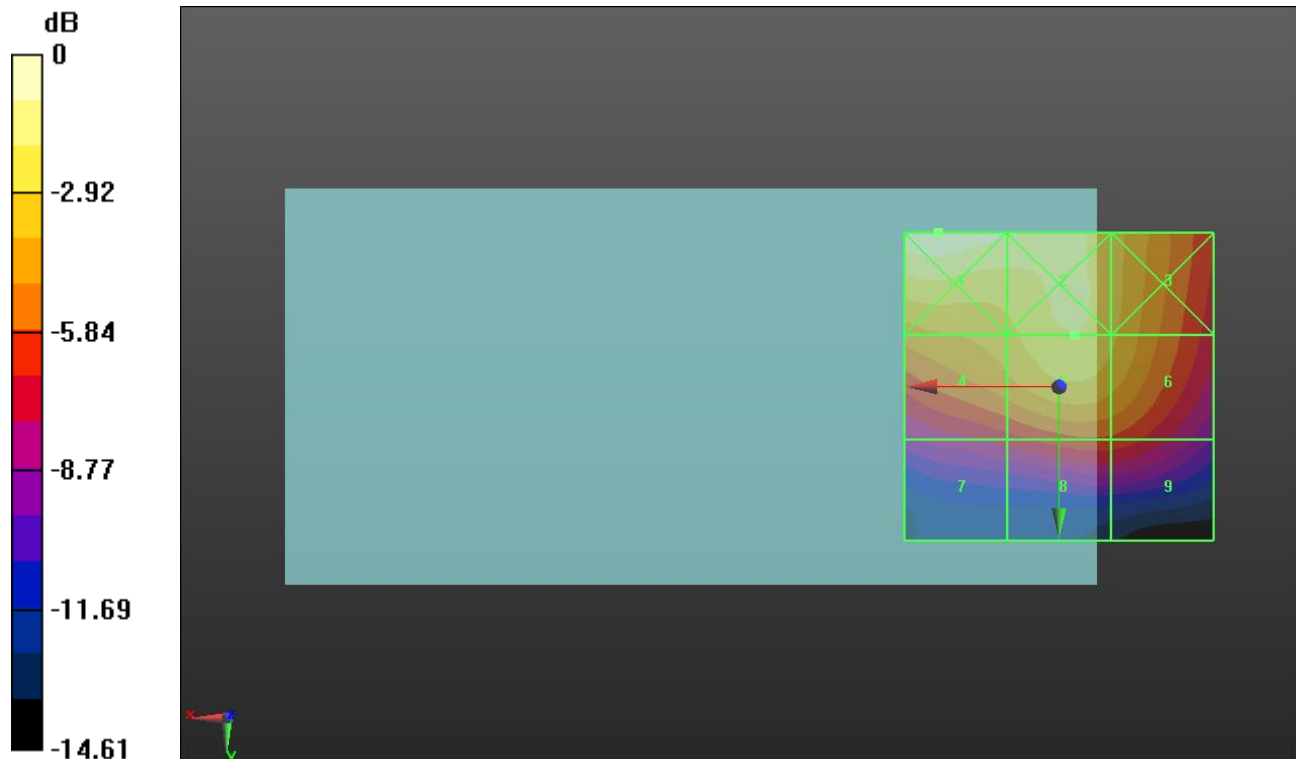
Applied MIF = -1.44 dB

RF audio interference level = 31.64 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 33.61 dBV/m	Grid 2 M3 32.83 dBV/m	Grid 3 M3 31.12 dBV/m
Grid 4 M3 30.38 dBV/m	Grid 5 M3 31.64 dBV/m	Grid 6 M3 30.91 dBV/m
Grid 7 M4 26.34 dBV/m	Grid 8 M4 27.67 dBV/m	Grid 9 M4 27.57 dBV/m



0 dB = 47.89 V/m = 33.60 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)

PC3 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 = 65.16 V/m; Power Drift = -0.03 dB

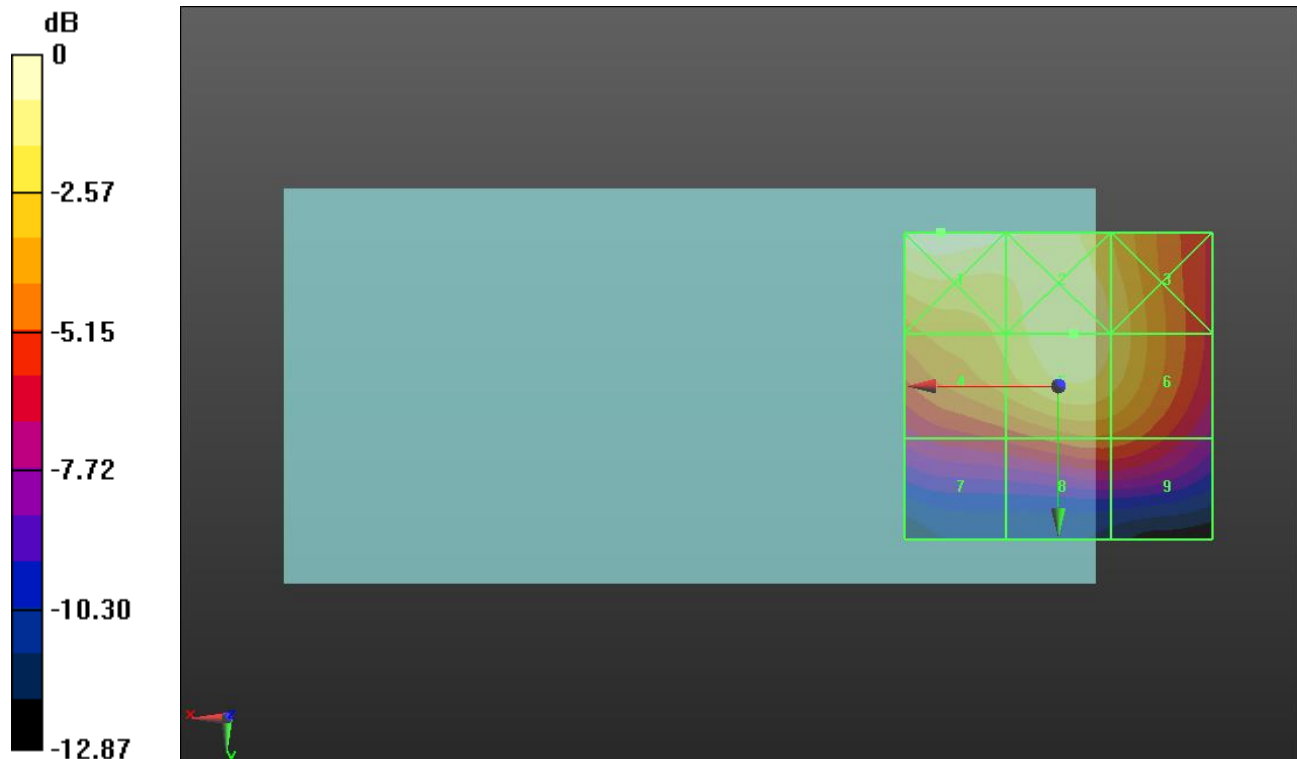
Applied MIF = -1.44 dB

RF audio interference level = 31.92 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 32.85 dBV/m	Grid 2 M3 32.24 dBV/m	Grid 3 M3 31.15 dBV/m
Grid 4 M3 30.55 dBV/m	Grid 5 M3 31.92 dBV/m	Grid 6 M3 31.15 dBV/m
Grid 7 M4 27.09 dBV/m	Grid 8 M4 28.41 dBV/m	Grid 9 M4 28.32 dBV/m



0 dB = 43.90 V/m = 32.85 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)

PC3 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 = 67.09 V/m; Power Drift = 0.02 dB

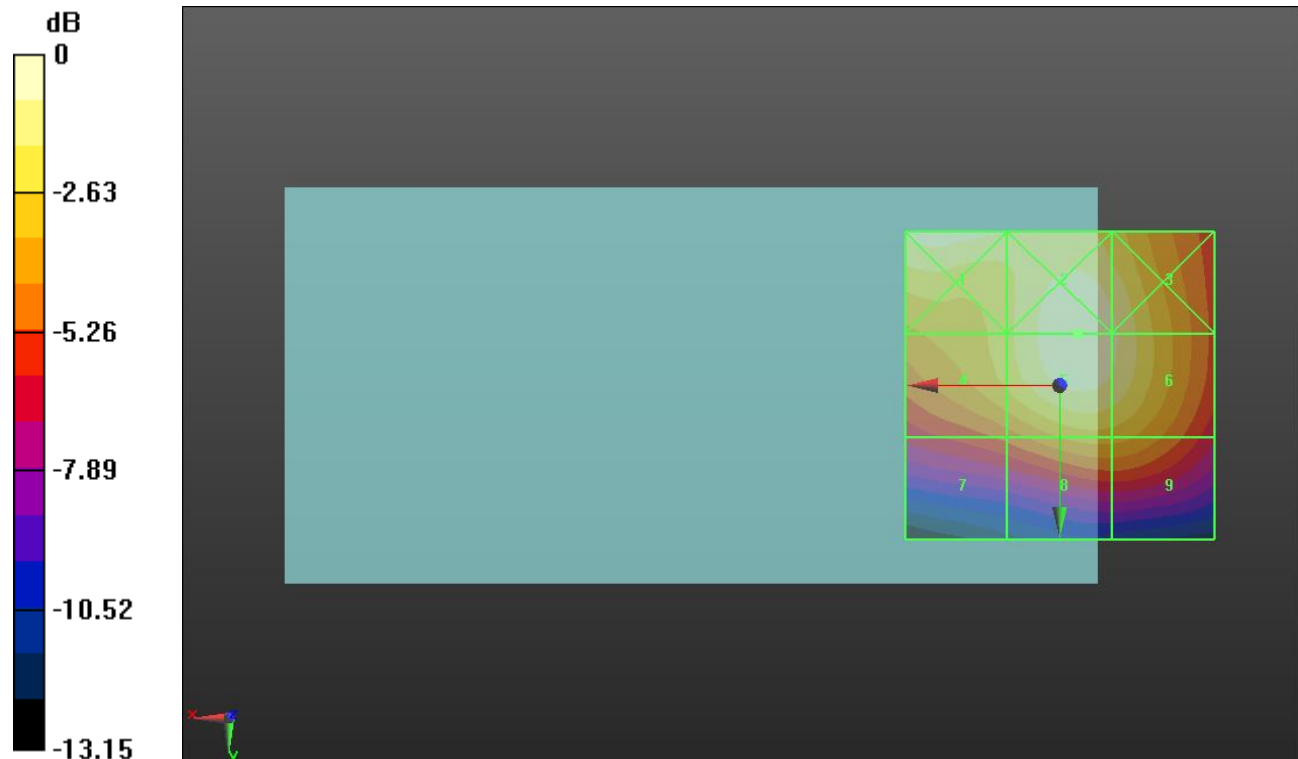
Applied MIF = -1.44 dB

RF audio interference level = 32.03 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 31.76 dBV/m	Grid 2 M3 32.03 dBV/m	Grid 3 M3 31.35 dBV/m
Grid 4 M3 30.01 dBV/m	Grid 5 M3 32.03 dBV/m	Grid 6 M3 31.36 dBV/m
Grid 7 M4 27.1 dBV/m	Grid 8 M4 28.97 dBV/m	Grid 9 M4 28.9 dBV/m



0 dB = 39.96 V/m = 32.03 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)

PC3 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 = 80.07 V/m; Power Drift = -0.04 dB

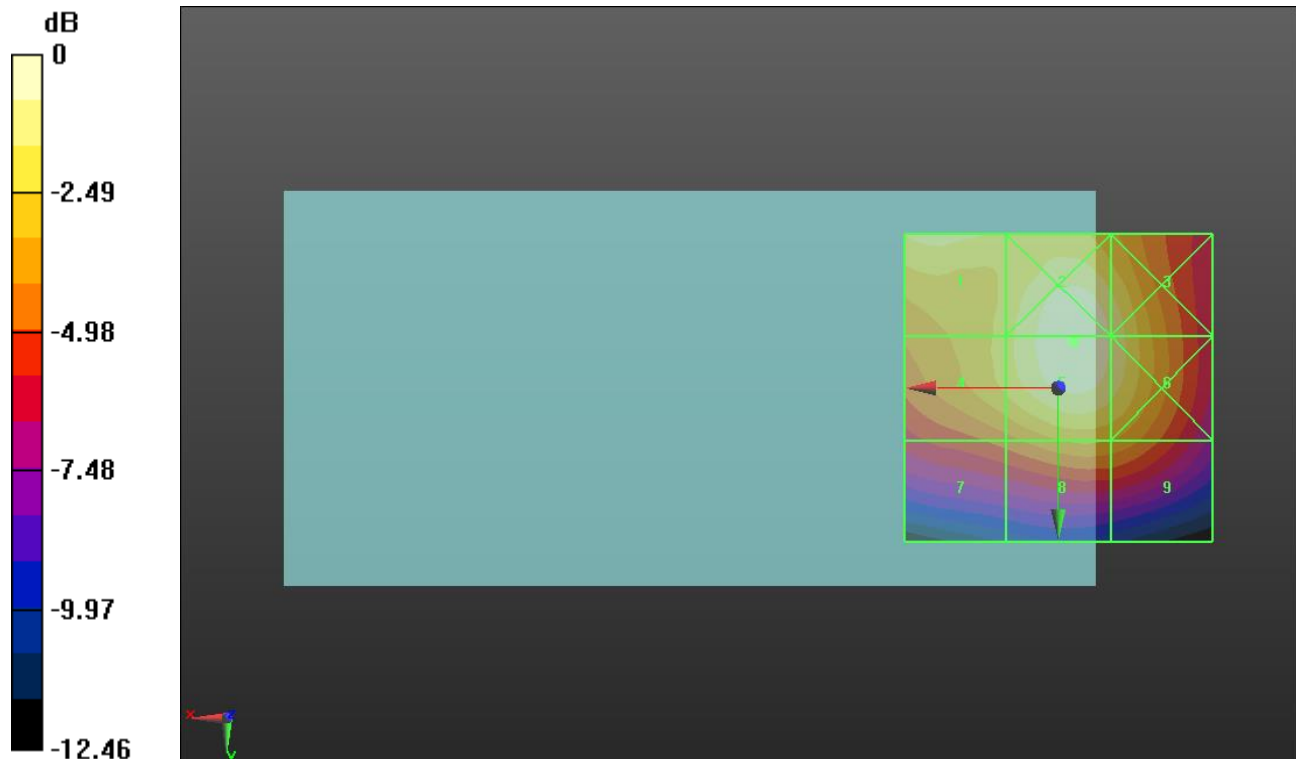
Applied MIF = -1.44 dB

RF audio interference level = 33.23 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 32 dBV/m	Grid 2 M3 33.22 dBV/m	Grid 3 M3 32.3 dBV/m
Grid 4 M3 31.23 dBV/m	Grid 5 M3 33.23 dBV/m	Grid 6 M3 32.33 dBV/m
Grid 7 M4 28.71 dBV/m	Grid 8 M3 30.12 dBV/m	Grid 9 M4 29.9 dBV/m



0 dB = 45.85 V/m = 33.23 dBV/m

GSM1900 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 = 19.44 V/m; Power Drift = -0.19 dB

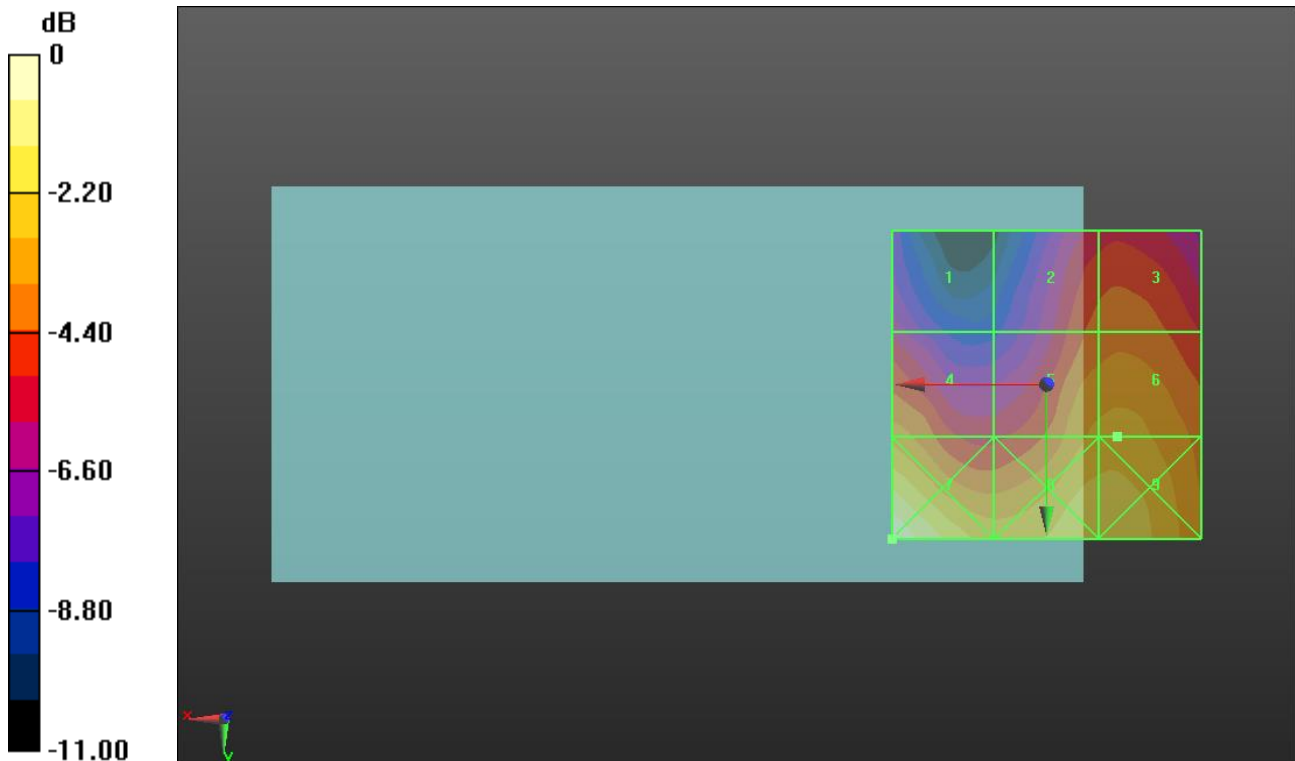
Applied MIF = 3.63 dB

RF audio interference level = 28.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.7 dBV/m	Grid 2 M4 26.65 dBV/m	Grid 3 M4 26.85 dBV/m
Grid 4 M4 27.51 dBV/m	Grid 5 M4 28.01 dBV/m	Grid 6 M4 28.11 dBV/m
Grid 7 M3 30.72 dBV/m	Grid 8 M4 29.15 dBV/m	Grid 9 M4 29.15 dBV/m



0 dB = 34.34 V/m = 30.72 dBV/m

GSM1900 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 = 18.60 V/m; Power Drift = 0.09 dB

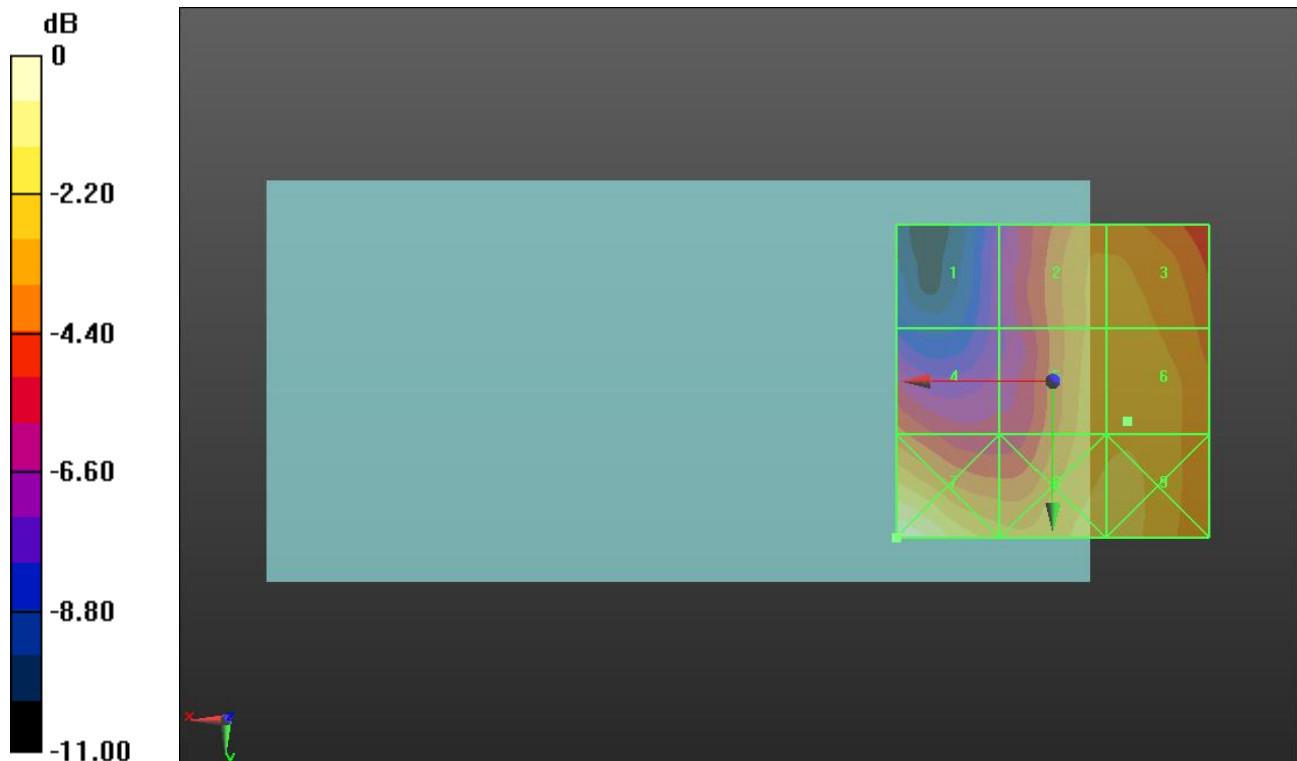
Applied MIF = 3.63 dB

RF audio interference level = 28.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.02 dBV/m	Grid 2 M4 28.2 dBV/m	Grid 3 M4 28.26 dBV/m
Grid 4 M4 26.77 dBV/m	Grid 5 M4 28.46 dBV/m	Grid 6 M4 28.56 dBV/m
Grid 7 M3 30.77 dBV/m	Grid 8 M4 28.89 dBV/m	Grid 9 M4 28.89 dBV/m



0 dB = 34.56 V/m = 30.77 dBV/m

GSM1900 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 = 16.35 V/m; Power Drift = 0.06 dB

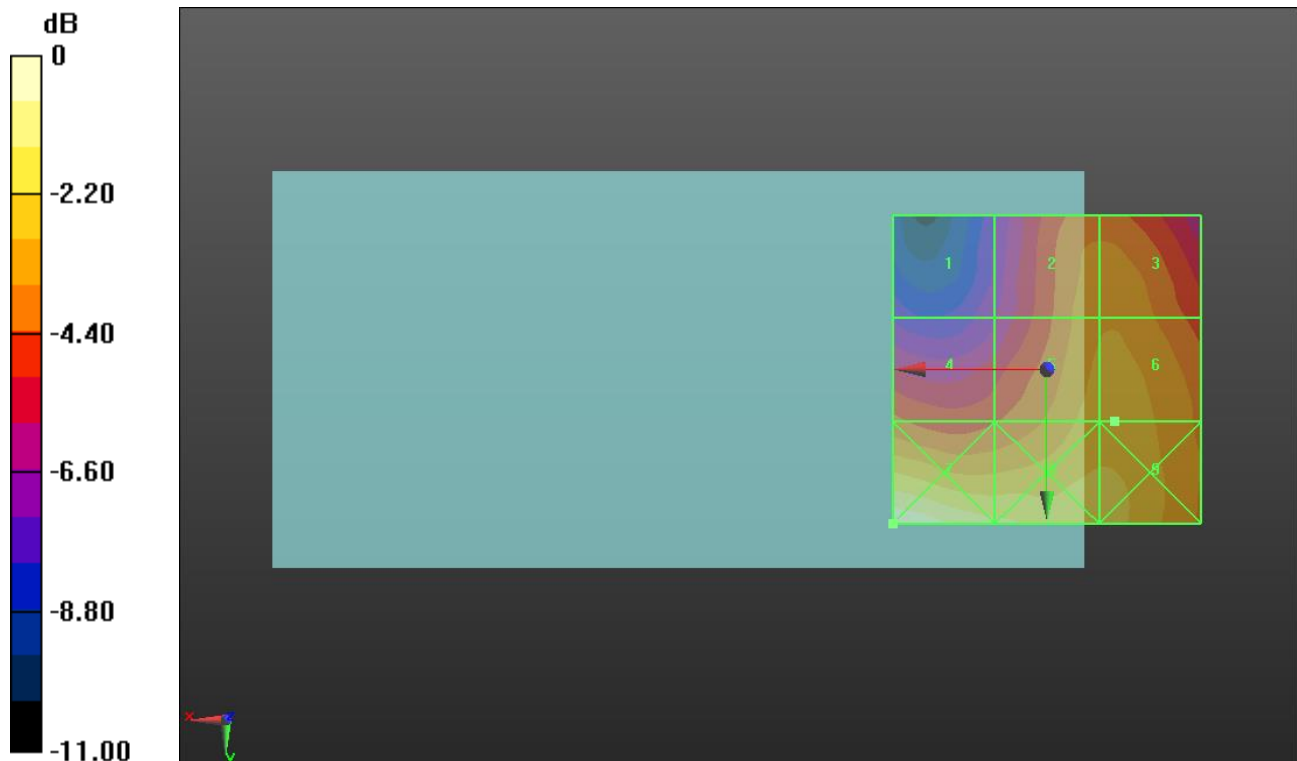
Applied MIF = 3.63 dB

RF audio interference level = 27.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.15 dBV/m	Grid 2 M4 26.64 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 25.61 dBV/m	Grid 5 M4 27.17 dBV/m	Grid 6 M4 27.23 dBV/m
Grid 7 M4 29.75 dBV/m	Grid 8 M4 28.47 dBV/m	Grid 9 M4 27.89 dBV/m



0 dB = 30.71 V/m = 29.75 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)

**PC3 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 = 23.60 V/m; Power Drift = 0.10 dB

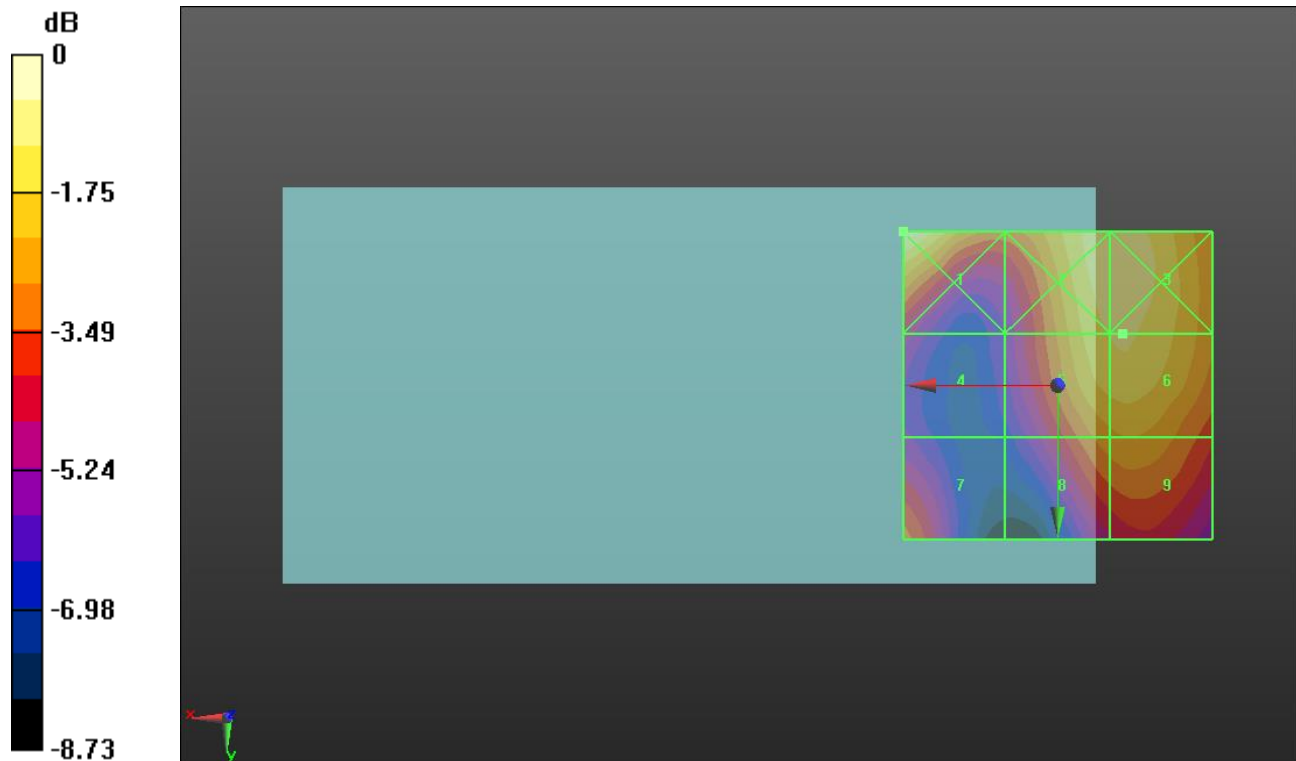
Applied MIF = -1.44 dB

RF audio interference level = 25.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.61 dBV/m	Grid 2 M4 25.84 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 21.91 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 25.54 dBV/m
Grid 7 M4 23.41 dBV/m	Grid 8 M4 24.08 dBV/m	Grid 9 M4 24.27 dBV/m



0 dB = 21.40 V/m = 26.61 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)

PC3 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 = 18.53 V/m; Power Drift = 0.16 dB

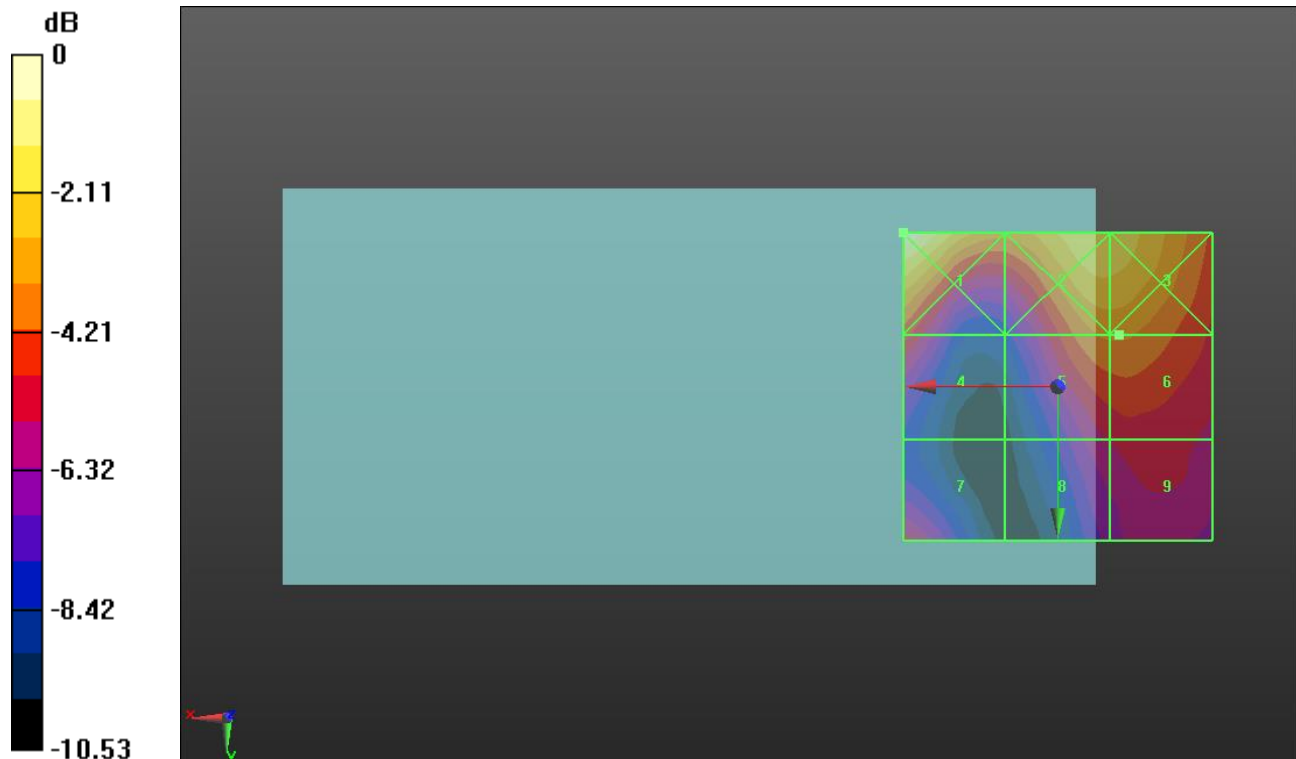
Applied MIF = -1.44 dB

RF audio interference level = 23.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.05 dBV/m	Grid 2 M4 25.57 dBV/m	Grid 3 M4 25.5 dBV/m
Grid 4 M4 22.48 dBV/m	Grid 5 M4 23.68 dBV/m	Grid 6 M4 23.69 dBV/m
Grid 7 M4 21.86 dBV/m	Grid 8 M4 21.52 dBV/m	Grid 9 M4 21.85 dBV/m



0 dB = 22.52 V/m = 27.05 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)

PC3 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 = 16.71 V/m; Power Drift = 0.09 dB

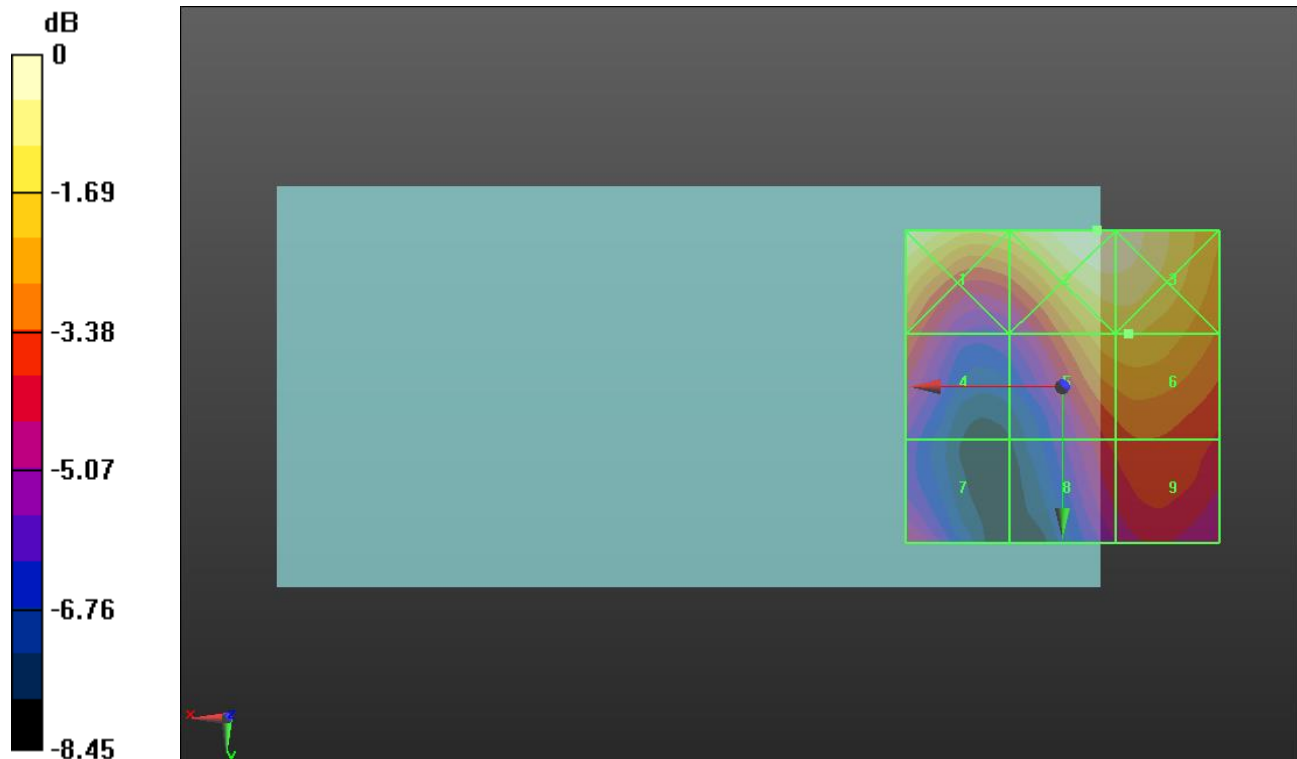
Applied MIF = -1.44 dB

RF audio interference level = 23.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.92 dBV/m	Grid 2 M4 25.01 dBV/m	Grid 3 M4 24.95 dBV/m
Grid 4 M4 21.76 dBV/m	Grid 5 M4 23.3 dBV/m	Grid 6 M4 23.38 dBV/m
Grid 7 M4 20.76 dBV/m	Grid 8 M4 21.32 dBV/m	Grid 9 M4 21.63 dBV/m



0 dB = 17.81 V/m = 25.01 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)

PC3 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 = 15.94 V/m; Power Drift = 0.07 dB

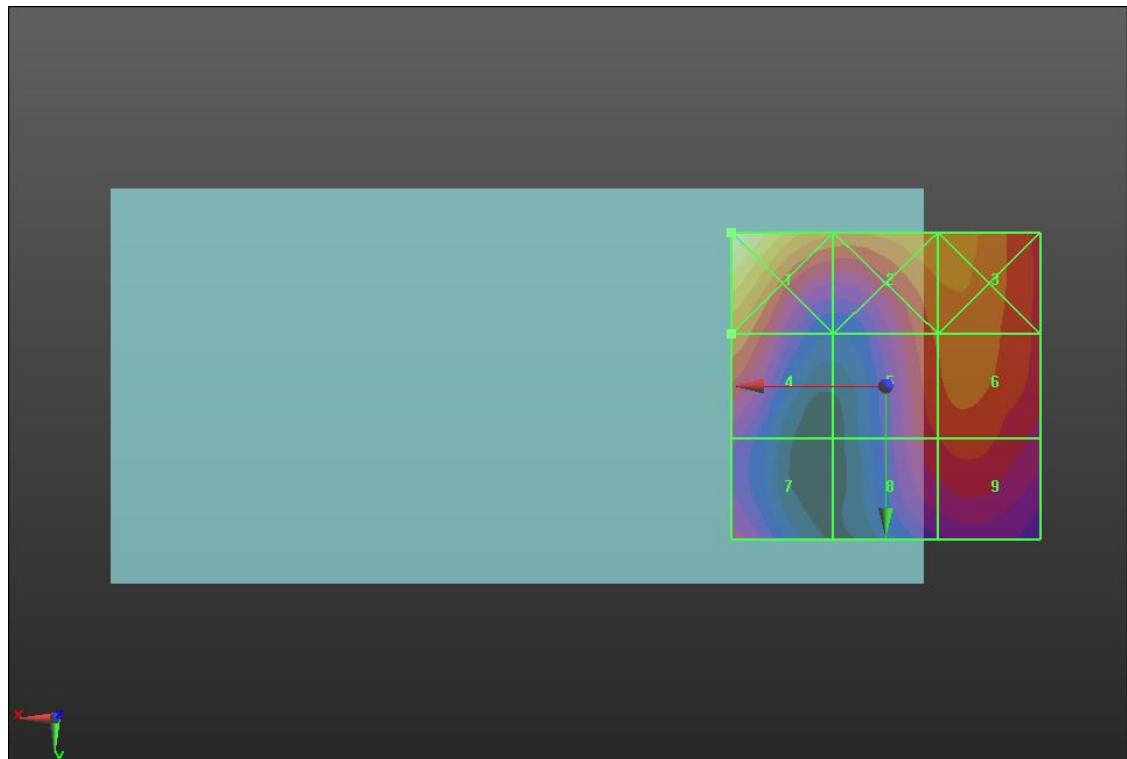
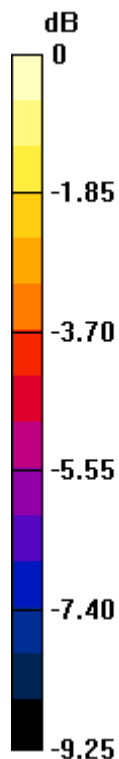
Applied MIF = -1.44 dB

RF audio interference level = 23.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.45 dBV/m	Grid 2 M4 23.86 dBV/m	Grid 3 M4 23.86 dBV/m
Grid 4 M4 23.47 dBV/m	Grid 5 M4 22.89 dBV/m	Grid 6 M4 23.15 dBV/m
Grid 7 M4 21.39 dBV/m	Grid 8 M4 22.14 dBV/m	Grid 9 M4 22.44 dBV/m



0 dB = 21.01 V/m = 26.45 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)

PC3 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 = 12.00 V/m; Power Drift = -0.14 dB

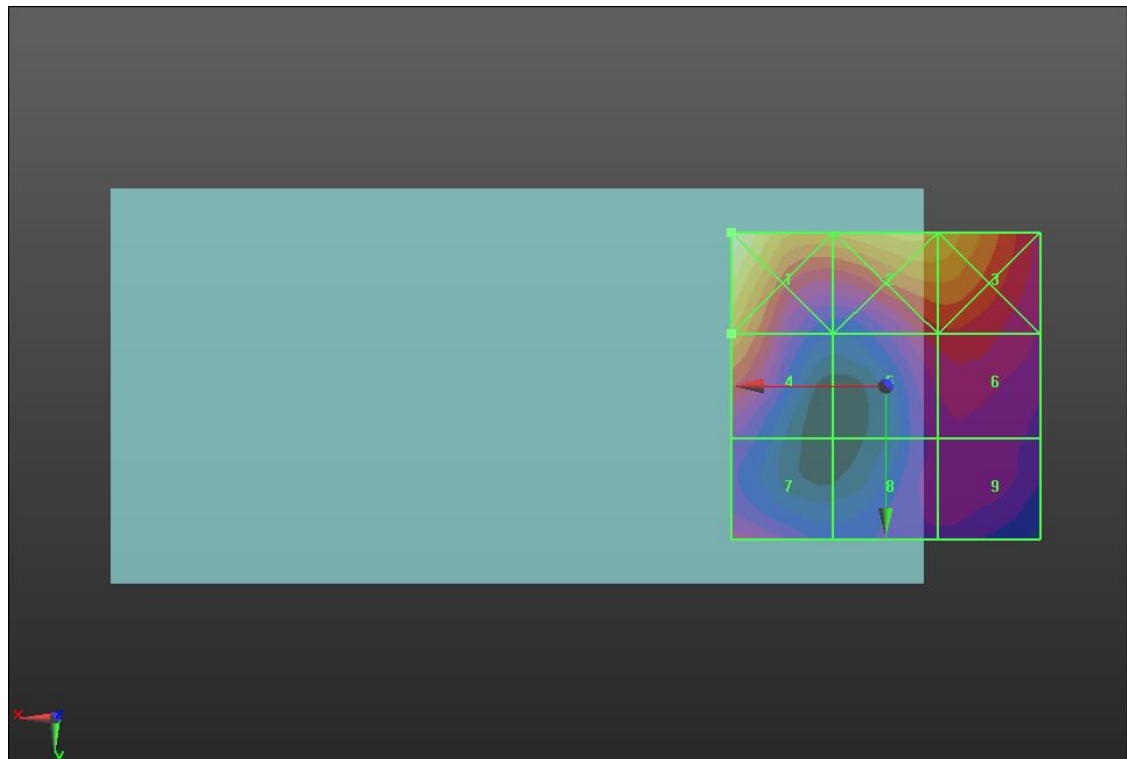
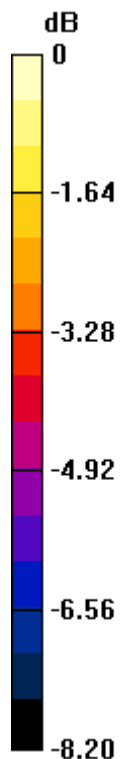
Applied MIF = -1.44 dB

RF audio interference level = 22.63 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.9 dBV/m	Grid 2 M4 23.47 dBV/m	Grid 3 M4 23.2 dBV/m
Grid 4 M4 22.63 dBV/m	Grid 5 M4 20.88 dBV/m	Grid 6 M4 21 dBV/m
Grid 7 M4 20.5 dBV/m	Grid 8 M4 19.71 dBV/m	Grid 9 M4 19.89 dBV/m



0 dB = 17.57 V/m = 24.90 dBV/m

LTE Band 41 ANT 3 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

**PC2 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 = 26.39 V/m; Power Drift = -0.07 dB

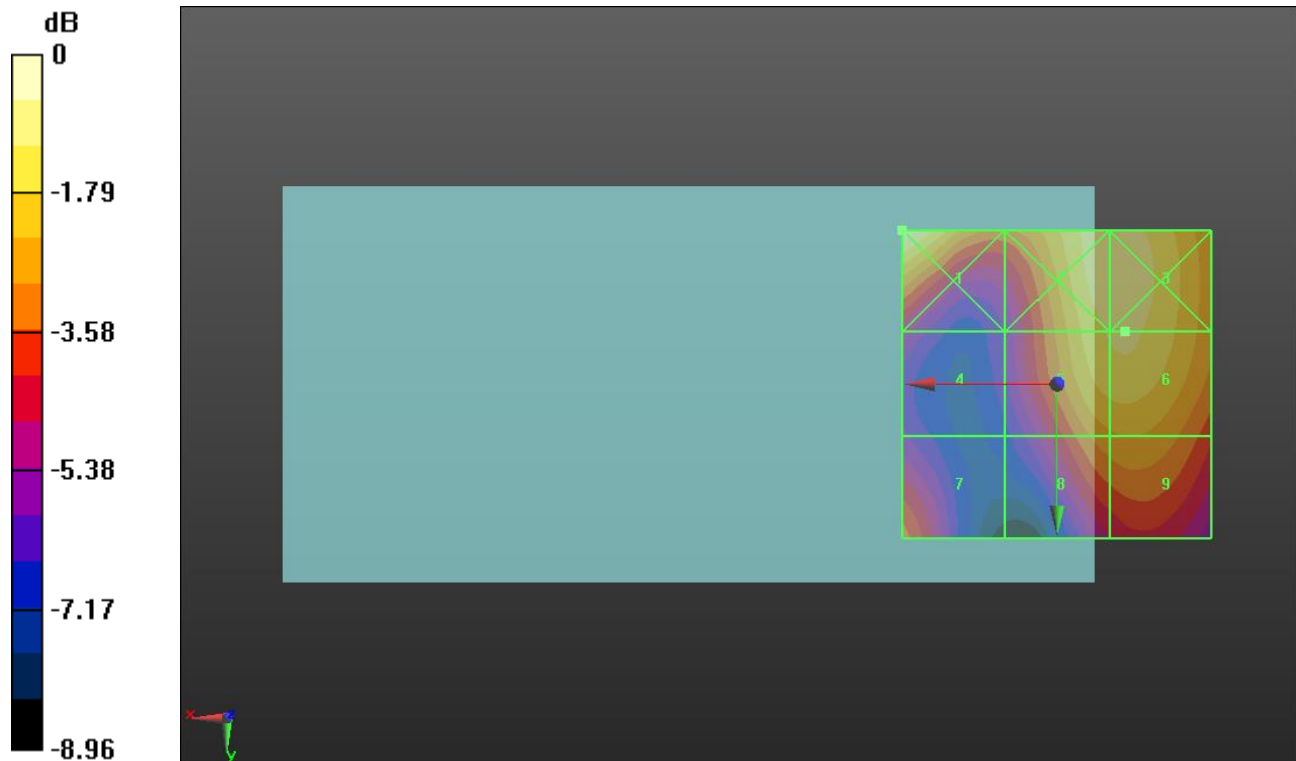
Applied MIF = -1.44 dB

RF audio interference level = 26.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.58 dBV/m	Grid 2 M4 26.79 dBV/m	Grid 3 M4 26.8 dBV/m
Grid 4 M4 22.59 dBV/m	Grid 5 M4 26.45 dBV/m	Grid 6 M4 26.52 dBV/m
Grid 7 M4 24.29 dBV/m	Grid 8 M4 25.05 dBV/m	Grid 9 M4 25.22 dBV/m



0 dB = 23.94 V/m = 27.58 dBV/m

LTE Band 41 ANT 3 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 24.68 V/m; Power Drift = 0.05 dB

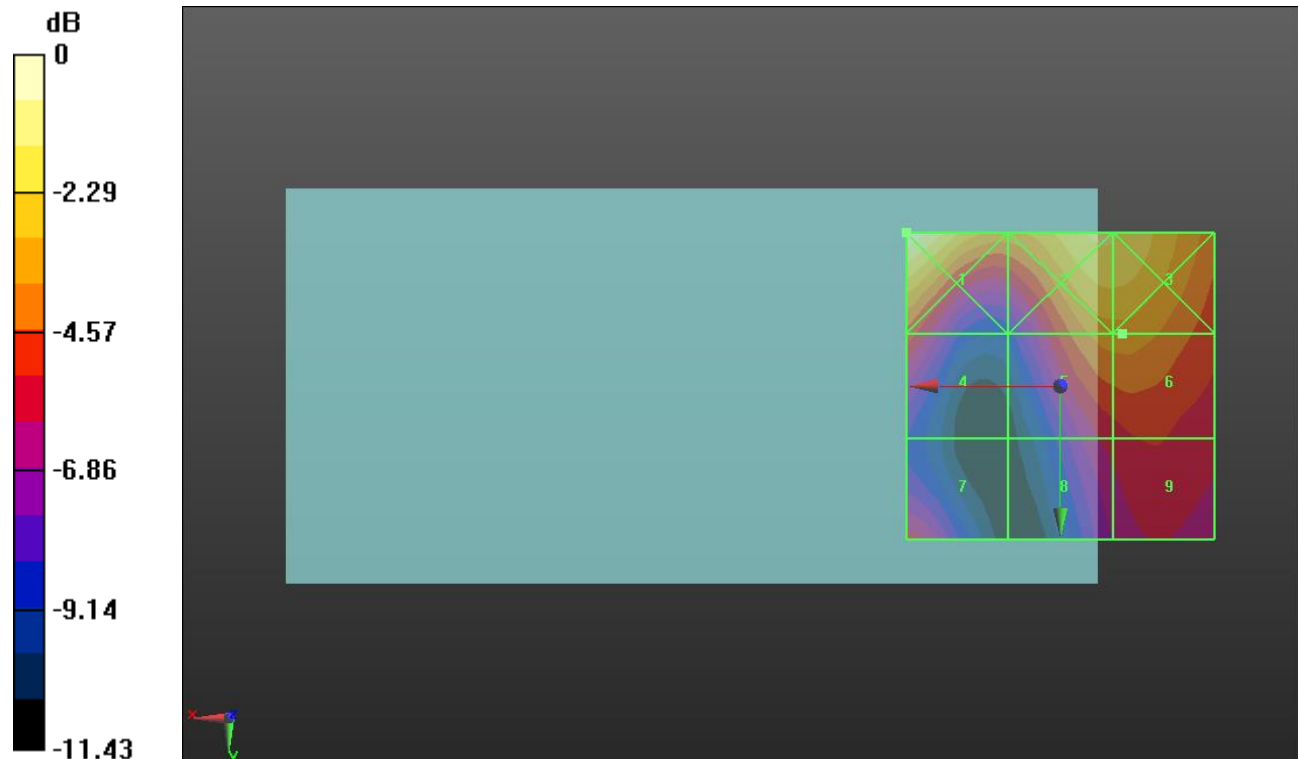
Applied MIF = -1.44 dB

RF audio interference level = 26.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.8 dBV/m	Grid 2 M4 28.41 dBV/m	Grid 3 M4 28.36 dBV/m
Grid 4 M4 25.02 dBV/m	Grid 5 M4 26.43 dBV/m	Grid 6 M4 26.45 dBV/m
Grid 7 M4 24.33 dBV/m	Grid 8 M4 24.1 dBV/m	Grid 9 M4 24.55 dBV/m



0 dB = 30.90 V/m = 29.80 dBV/m

LTE Band 41 ANT 3 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 21.99 V/m; Power Drift = 0.05 dB

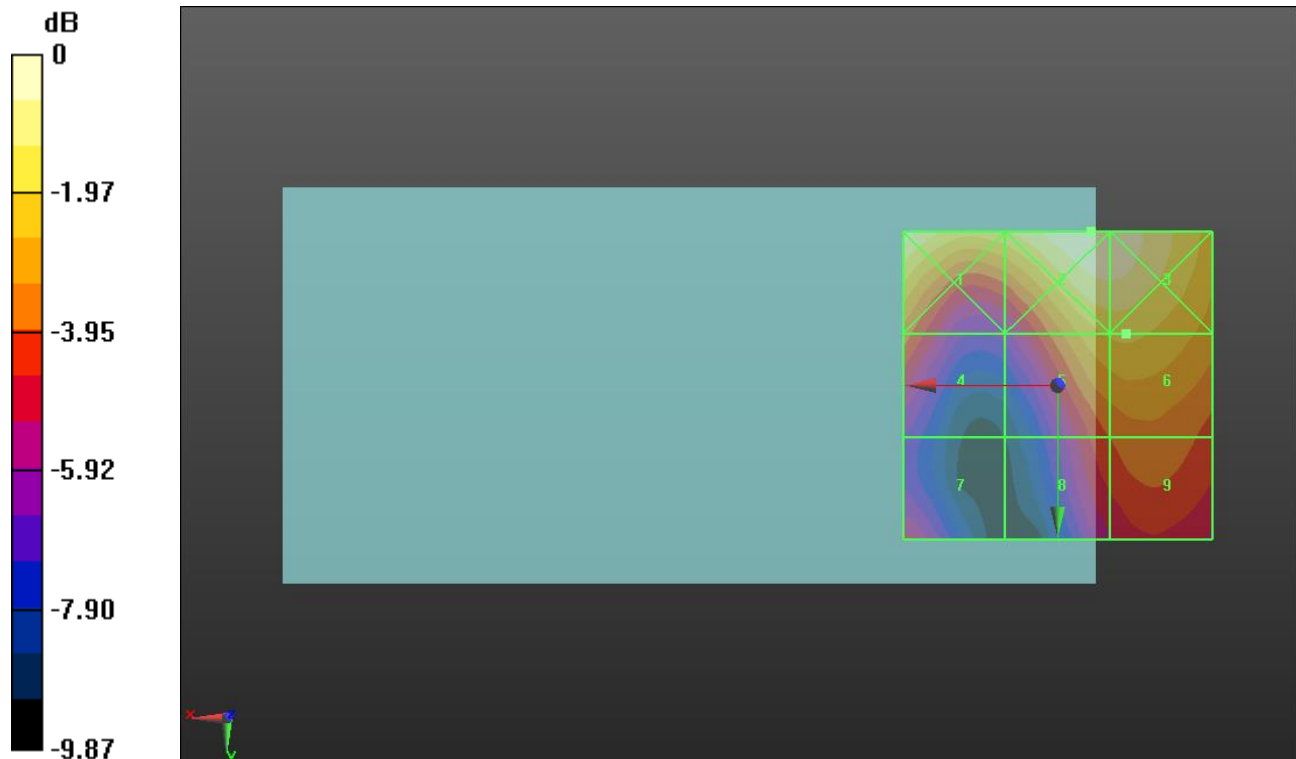
Applied MIF = -1.44 dB

RF audio interference level = 26.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.69 dBV/m	Grid 2 M4 27.87 dBV/m	Grid 3 M4 27.79 dBV/m
Grid 4 M4 24.35 dBV/m	Grid 5 M4 26.01 dBV/m	Grid 6 M4 26.09 dBV/m
Grid 7 M4 23.01 dBV/m	Grid 8 M4 23.96 dBV/m	Grid 9 M4 24.37 dBV/m



0 dB = 24.74 V/m = 27.87 dBV/m

LTE Band 41 ANT 3 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 17.02 V/m; Power Drift = 0.07 dB

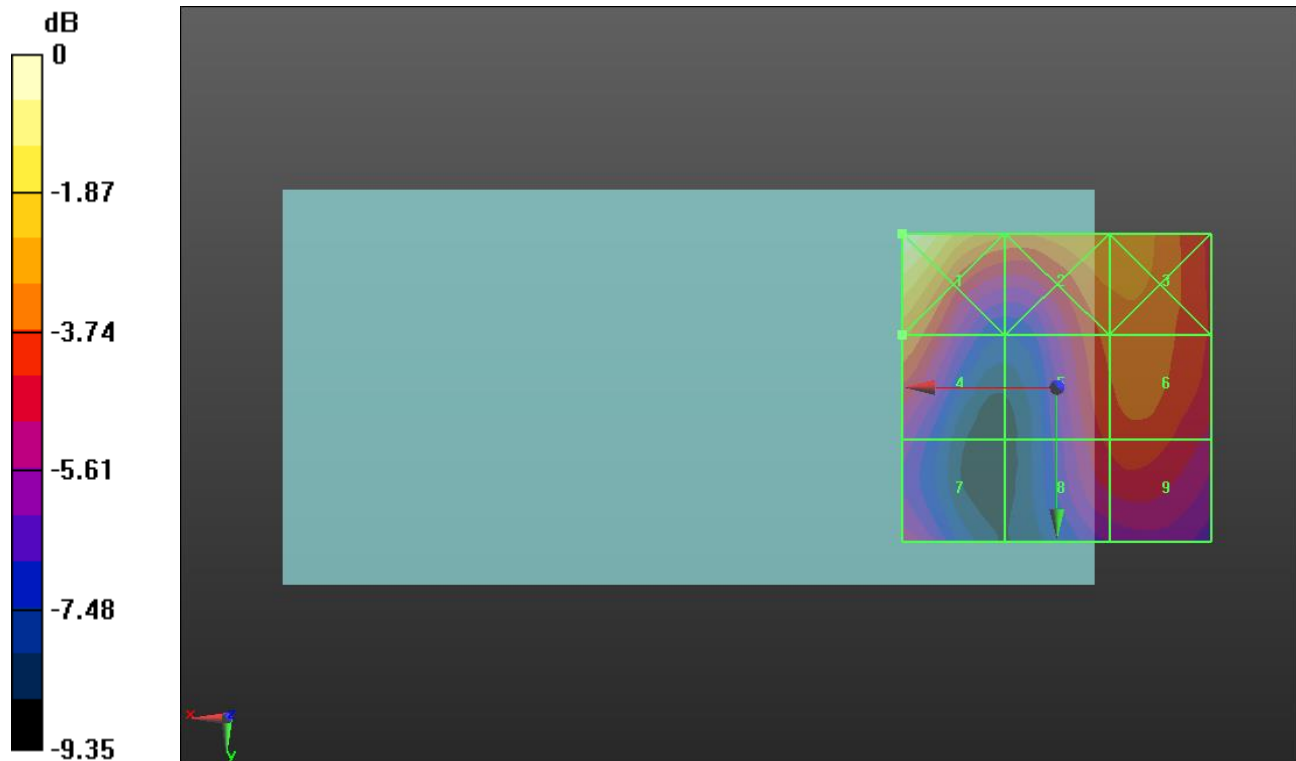
Applied MIF = -1.44 dB

RF audio interference level = 24.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.21 dBV/m	Grid 2 M4 24.74 dBV/m	Grid 3 M4 24.7 dBV/m
Grid 4 M4 24.28 dBV/m	Grid 5 M4 23.68 dBV/m	Grid 6 M4 23.94 dBV/m
Grid 7 M4 22.15 dBV/m	Grid 8 M4 23.01 dBV/m	Grid 9 M4 23.27 dBV/m



0 dB = 22.94 V/m = 27.21 dBV/m

LTE Band 41 ANT 3 PC2

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - 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)

PC2 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 = 13.90 V/m; Power Drift = 0.14 dB

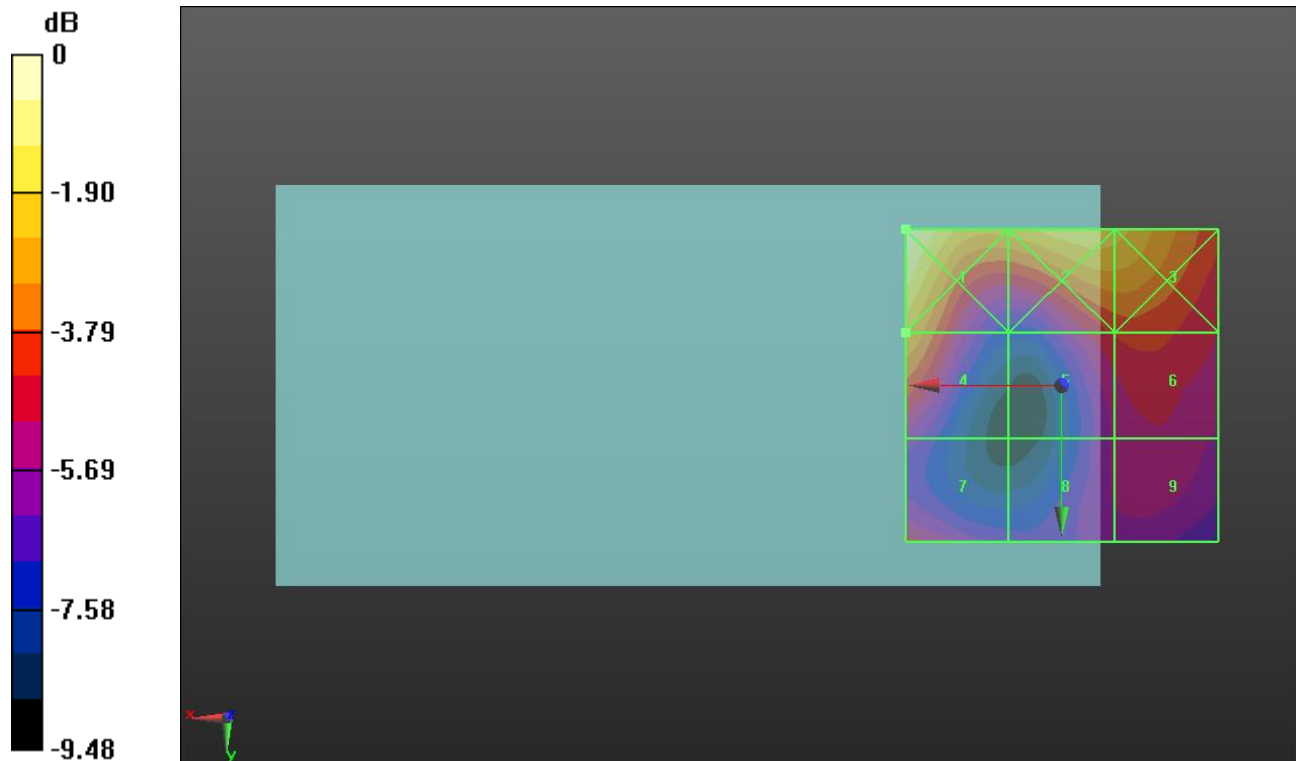
Applied MIF = -1.44 dB

RF audio interference level = 24.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.04 dBV/m	Grid 2 M4 25.61 dBV/m	Grid 3 M4 25.41 dBV/m
Grid 4 M4 24.7 dBV/m	Grid 5 M4 22.75 dBV/m	Grid 6 M4 22.94 dBV/m
Grid 7 M4 22.35 dBV/m	Grid 8 M4 21.48 dBV/m	Grid 9 M4 21.96 dBV/m



0 dB = 22.50 V/m = 27.04 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 = 23.79 V/m; Power Drift = 0.00 dB

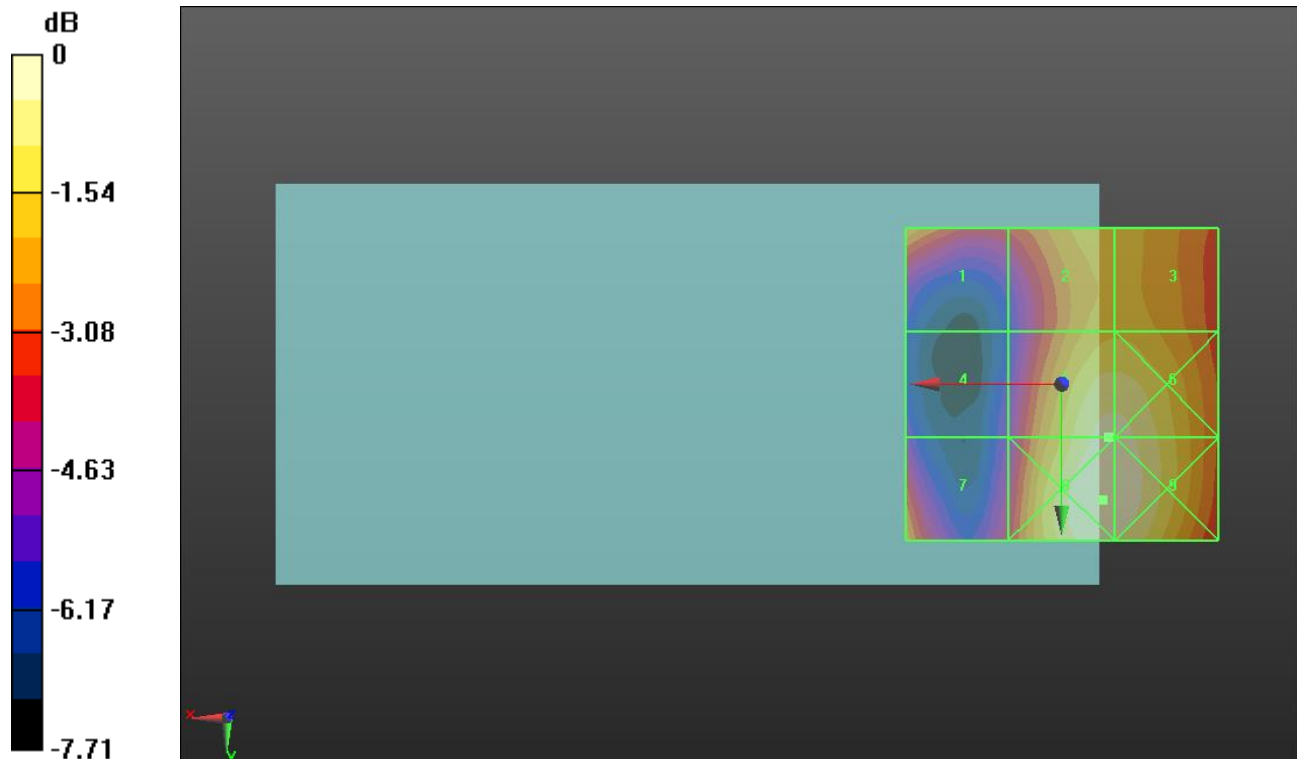
Applied MIF = -2.02 dB

RF audio interference level = 23.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.21 dBV/m	Grid 2 M4 22.51 dBV/m	Grid 3 M4 22.51 dBV/m
Grid 4 M4 19.27 dBV/m	Grid 5 M4 23.82 dBV/m	Grid 6 M4 23.81 dBV/m
Grid 7 M4 22.16 dBV/m	Grid 8 M4 24.14 dBV/m	Grid 9 M4 24.08 dBV/m



0 dB = 16.12 V/m = 24.15 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 = 20.91 V/m; Power Drift = 0.04 dB

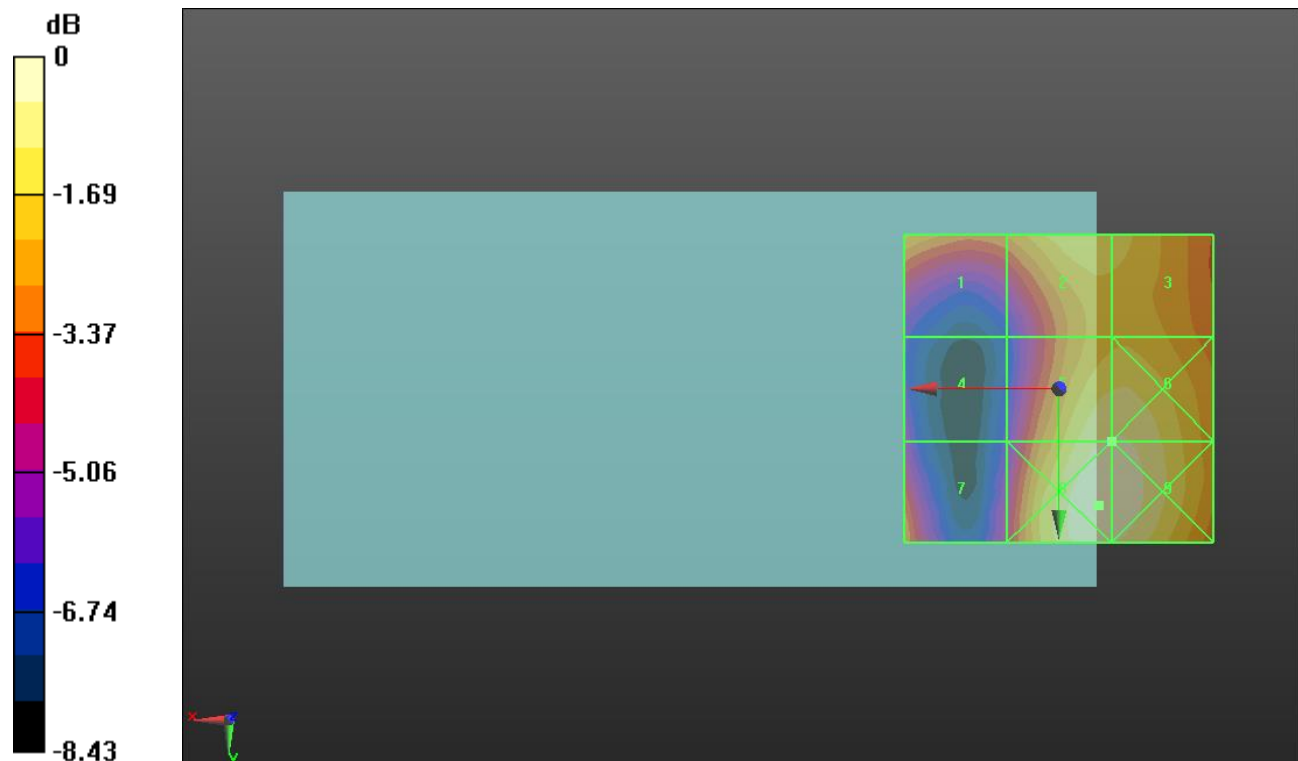
Applied MIF = -2.02 dB

RF audio interference level = 23.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.9 dBV/m	Grid 2 M4 22.77 dBV/m	Grid 3 M4 22.6 dBV/m
Grid 4 M4 18.94 dBV/m	Grid 5 M4 23.43 dBV/m	Grid 6 M4 23.43 dBV/m
Grid 7 M4 21.36 dBV/m	Grid 8 M4 23.94 dBV/m	Grid 9 M4 23.88 dBV/m



0 dB = 15.74 V/m = 23.94 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 = 19.28 V/m; Power Drift = -0.12 dB

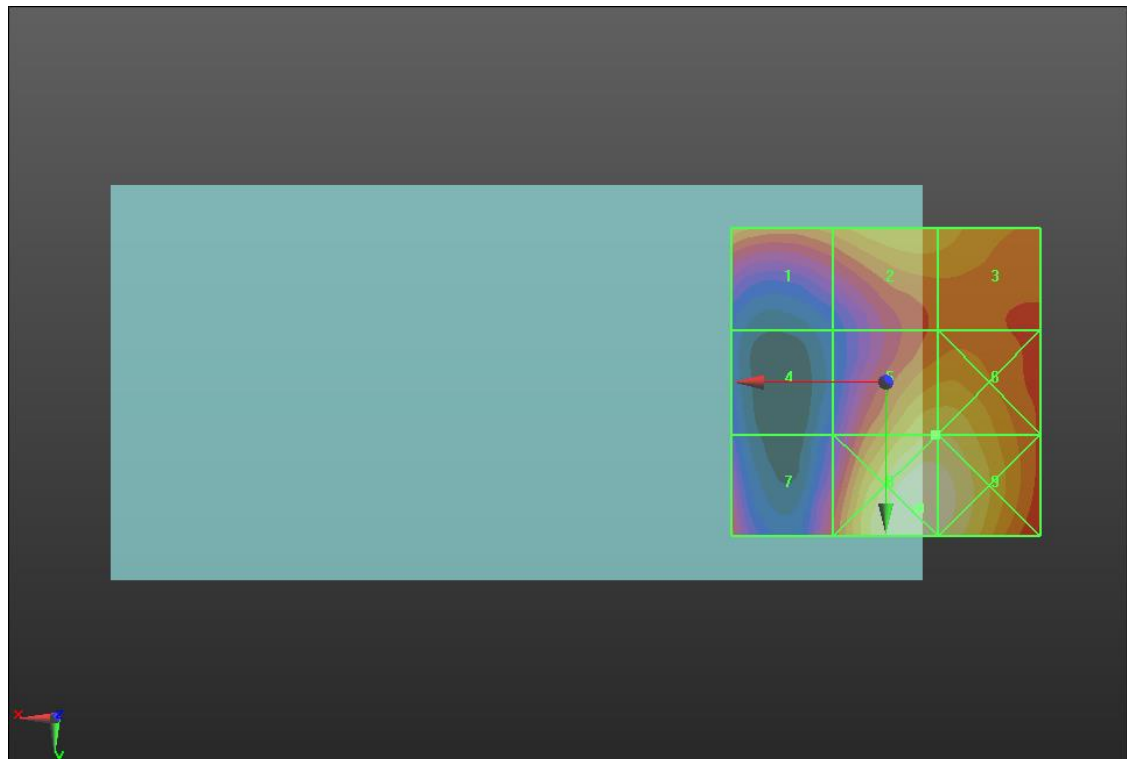
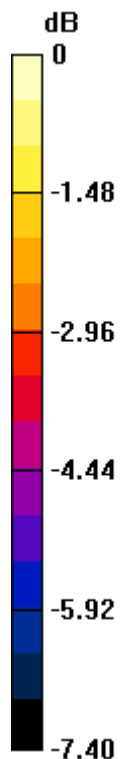
Applied MIF = -2.02 dB

RF audio interference level = 22.61 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.56 dBV/m	Grid 2 M4 22.12 dBV/m	Grid 3 M4 21.88 dBV/m
Grid 4 M4 18.4 dBV/m	Grid 5 M4 22.61 dBV/m	Grid 6 M4 22.61 dBV/m
Grid 7 M4 20.51 dBV/m	Grid 8 M4 23.57 dBV/m	Grid 9 M4 23.4 dBV/m



0 dB = 15.09 V/m = 23.57 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 = 21.26 V/m; Power Drift = -0.09 dB

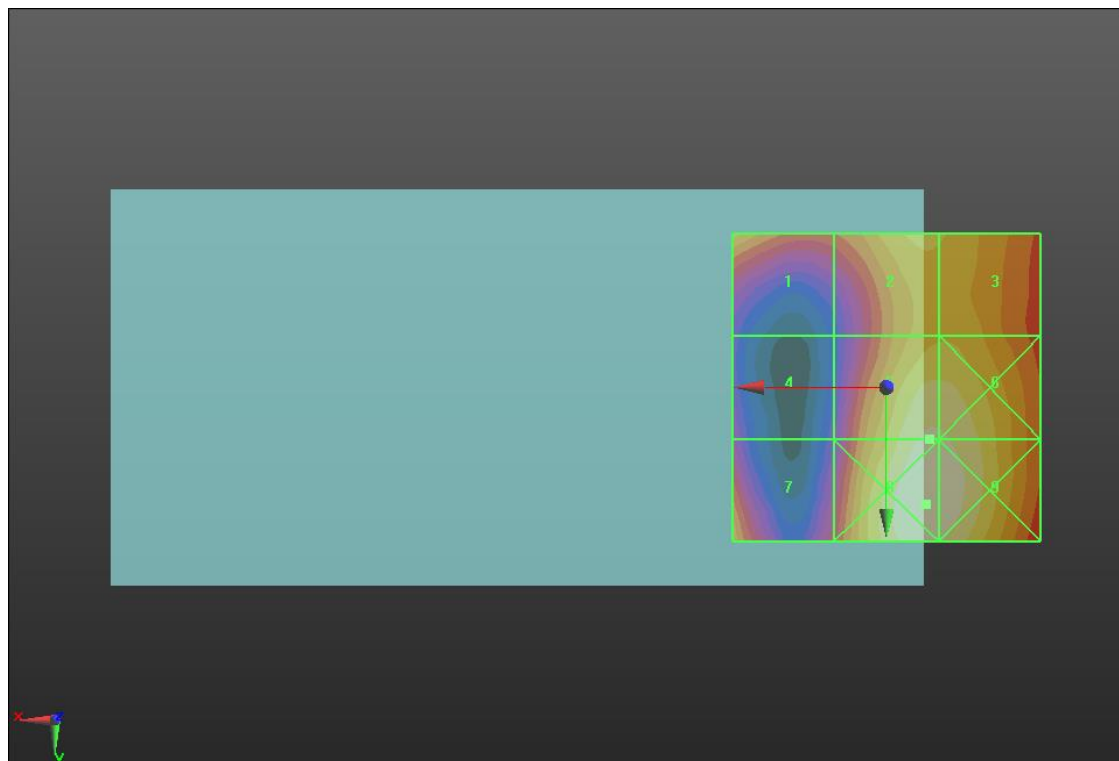
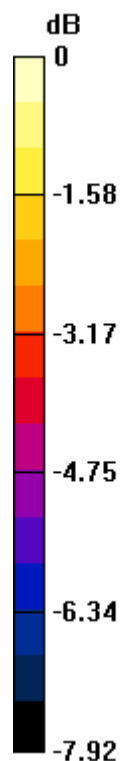
Applied MIF = 0.12 dB

RF audio interference level = 25.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.63 dBV/m	Grid 2 M4 24 dBV/m	Grid 3 M4 23.92 dBV/m
Grid 4 M4 20.91 dBV/m	Grid 5 M4 25.02 dBV/m	Grid 6 M4 24.98 dBV/m
Grid 7 M4 23.35 dBV/m	Grid 8 M4 25.42 dBV/m	Grid 9 M4 25.34 dBV/m



0 dB = 18.67 V/m = 25.42 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 = 20.16 V/m; Power Drift = -0.02 dB

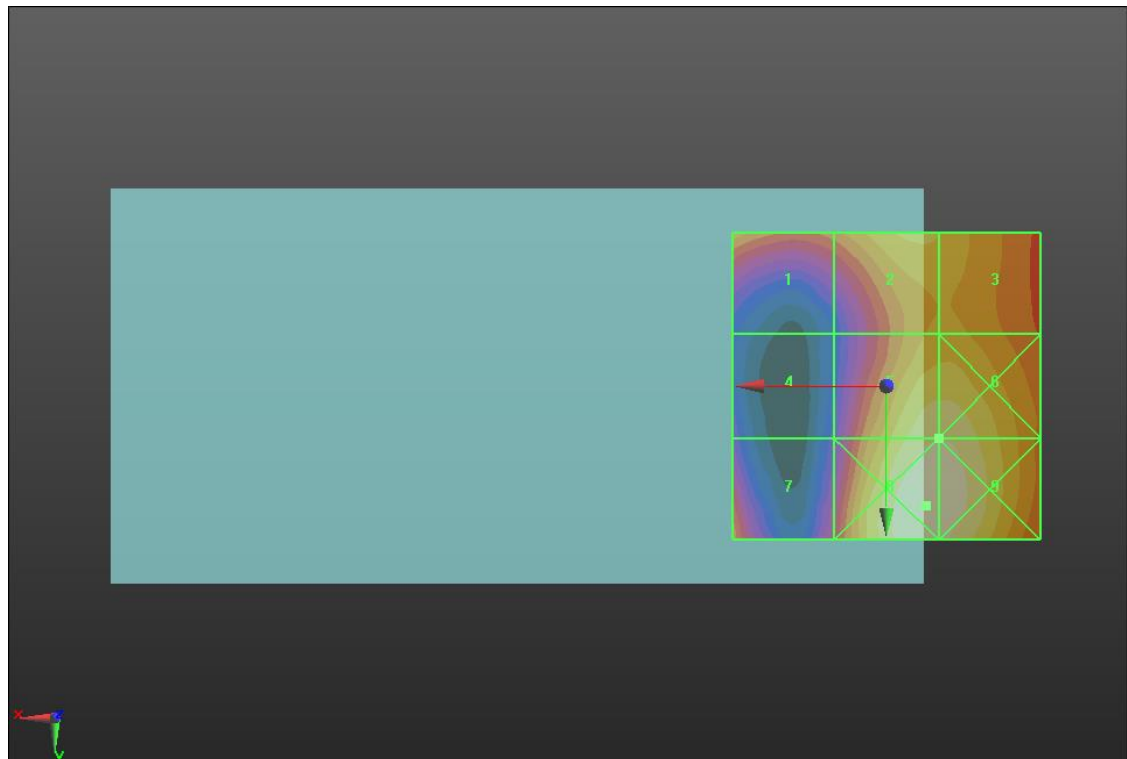
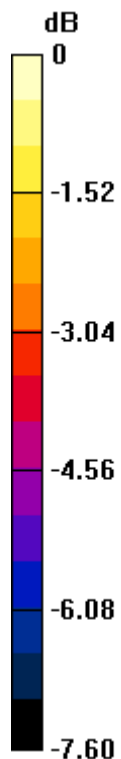
Applied MIF = 0.12 dB

RF audio interference level = 24.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.42 dBV/m	Grid 2 M4 24.1 dBV/m	Grid 3 M4 24 dBV/m
Grid 4 M4 20.55 dBV/m	Grid 5 M4 24.97 dBV/m	Grid 6 M4 24.97 dBV/m
Grid 7 M4 23.09 dBV/m	Grid 8 M4 25.49 dBV/m	Grid 9 M4 25.4 dBV/m



0 dB = 18.82 V/m = 25.49 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 = 17.89 V/m; Power Drift = -0.07 dB

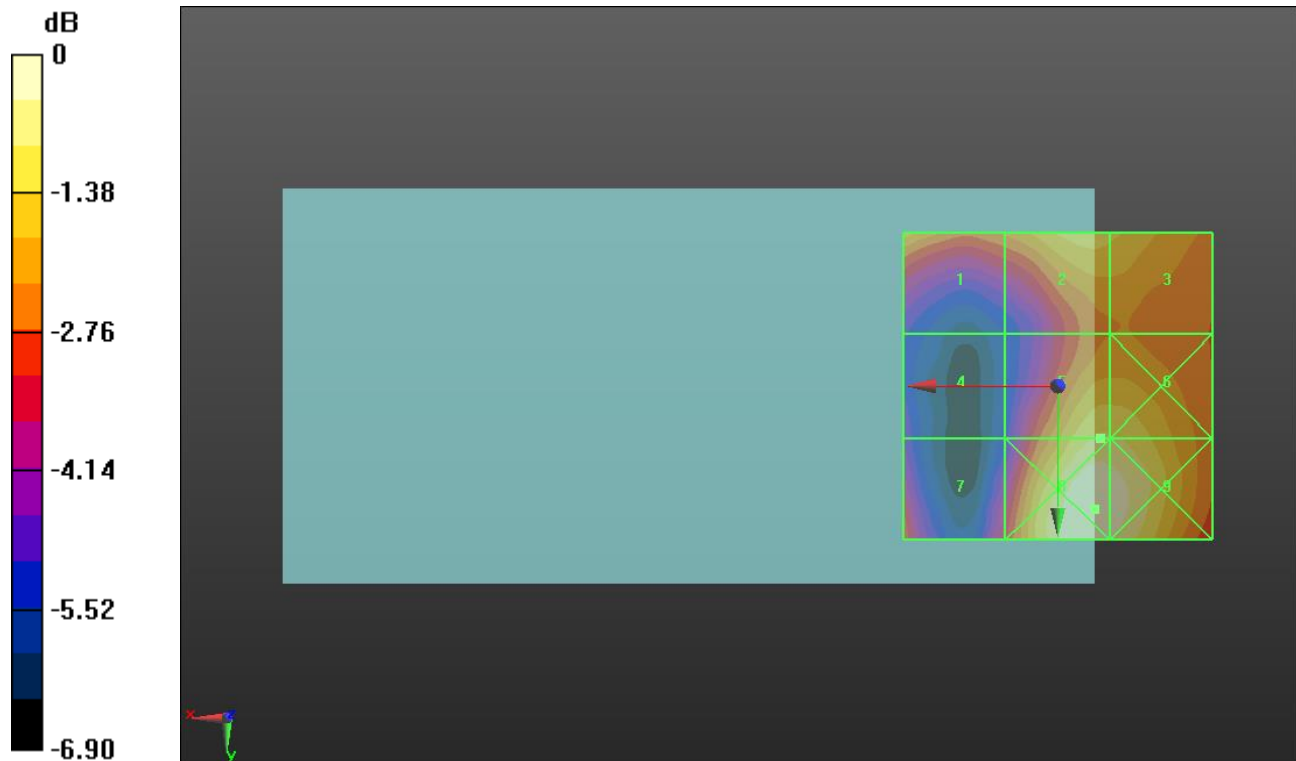
Applied MIF = 0.12 dB

RF audio interference level = 24.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.39 dBV/m	Grid 2 M4 23.75 dBV/m	Grid 3 M4 23.62 dBV/m
Grid 4 M4 20.33 dBV/m	Grid 5 M4 24.06 dBV/m	Grid 6 M4 24.02 dBV/m
Grid 7 M4 22.32 dBV/m	Grid 8 M4 24.88 dBV/m	Grid 9 M4 24.71 dBV/m



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

GSM1900 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 = 19.00 V/m; Power Drift = -0.15 dB

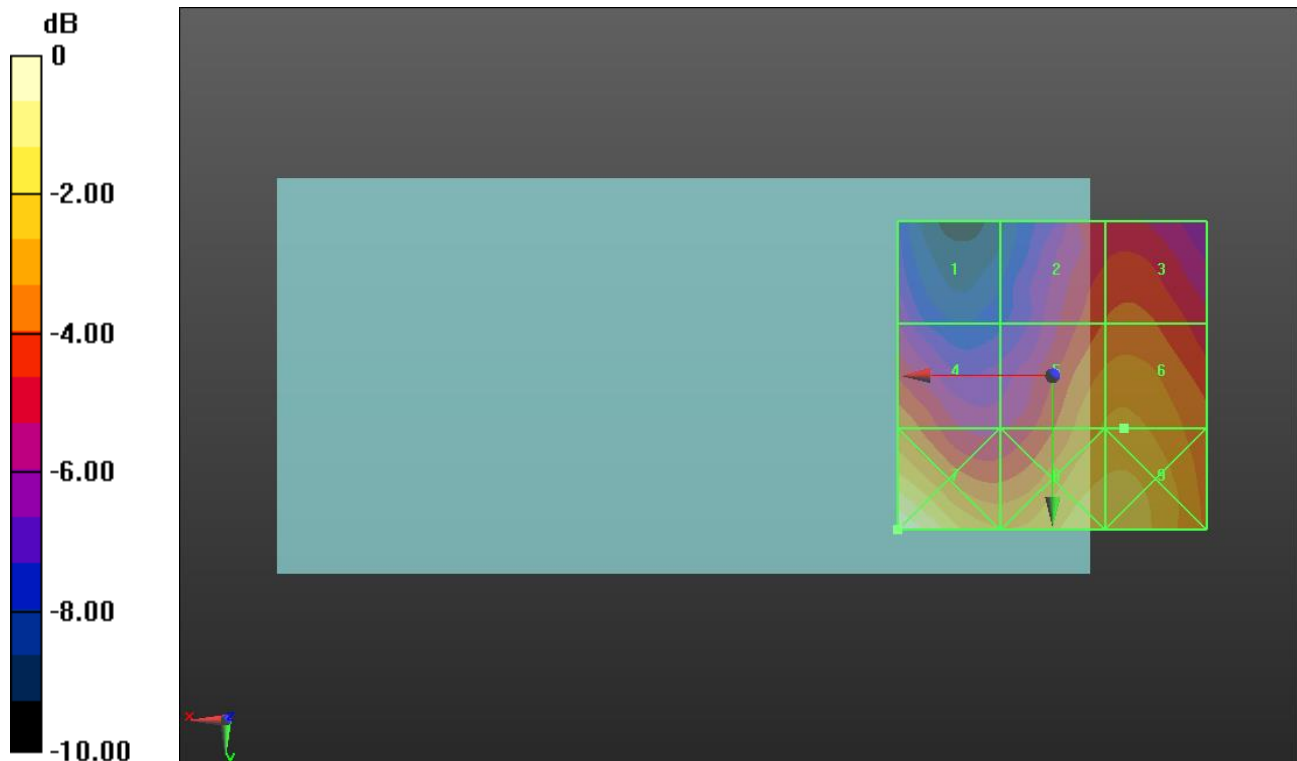
Applied MIF = 3.63 dB

RF audio interference level = 27.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.46 dBV/m	Grid 2 M4 26.36 dBV/m	Grid 3 M4 26.57 dBV/m
Grid 4 M4 27.02 dBV/m	Grid 5 M4 27.72 dBV/m	Grid 6 M4 27.85 dBV/m
Grid 7 M3 30.3 dBV/m	Grid 8 M4 28.78 dBV/m	Grid 9 M4 28.78 dBV/m



0 dB = 32.72 V/m = 30.30 dBV/m

GSM1900 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 = 18.27 V/m; Power Drift = 0.03 dB

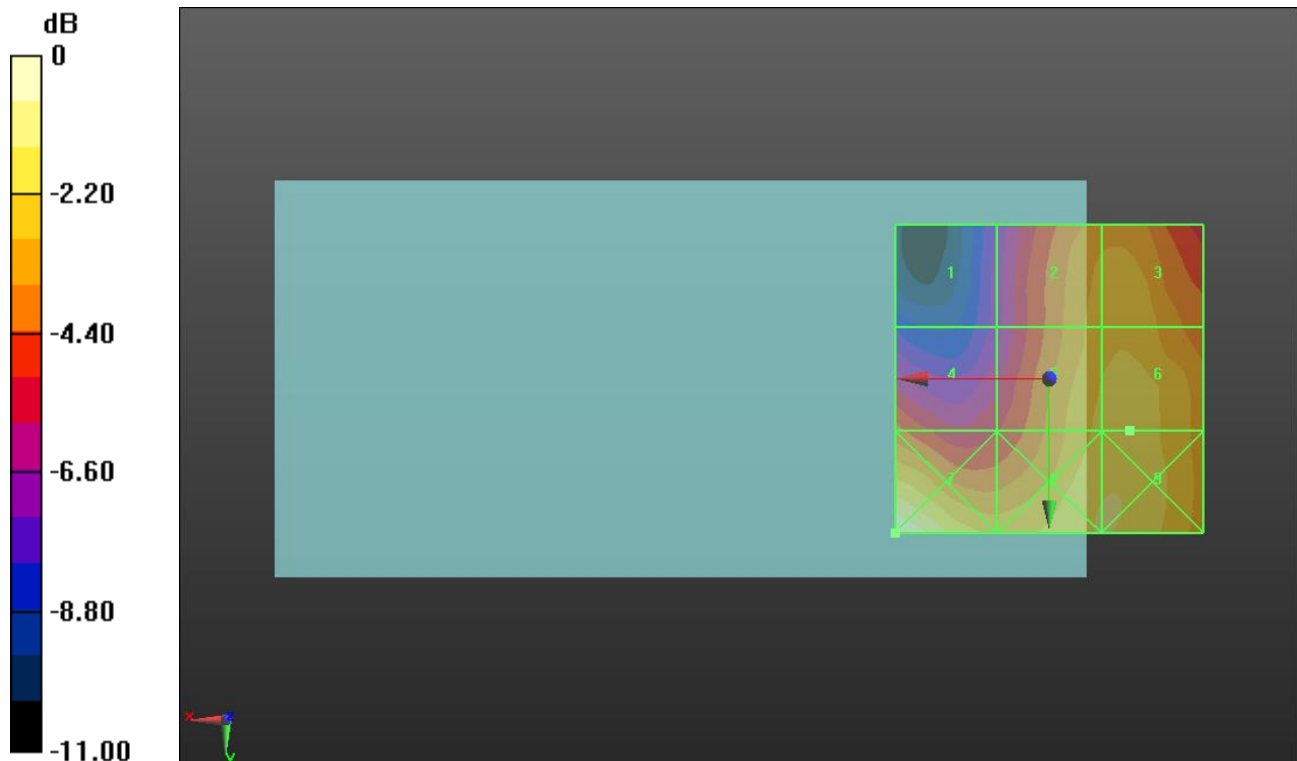
Applied MIF = 3.63 dB

RF audio interference level = 28.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.82 dBV/m	Grid 2 M4 28.15 dBV/m	Grid 3 M4 28.34 dBV/m
Grid 4 M4 26.62 dBV/m	Grid 5 M4 28.64 dBV/m	Grid 6 M4 28.82 dBV/m
Grid 7 M3 30.66 dBV/m	Grid 8 M4 29.24 dBV/m	Grid 9 M4 29.26 dBV/m



0 dB = 34.13 V/m = 30.66 dBV/m

GSM1900 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 = 16.05 V/m; Power Drift = -0.05 dB

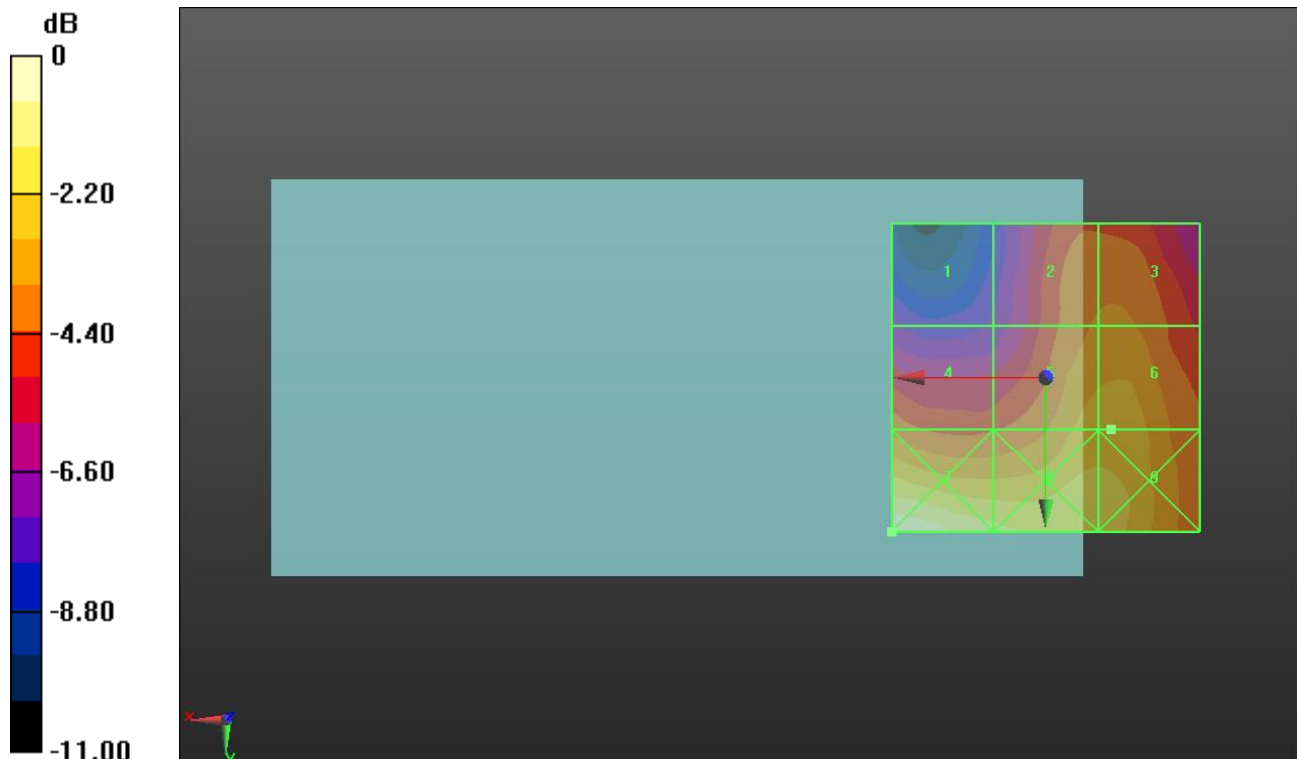
Applied MIF = 3.63 dB

RF audio interference level = 27.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23 dBV/m	Grid 2 M4 26.34 dBV/m	Grid 3 M4 26.42 dBV/m
Grid 4 M4 26.11 dBV/m	Grid 5 M4 27.38 dBV/m	Grid 6 M4 27.42 dBV/m
Grid 7 M4 29.9 dBV/m	Grid 8 M4 28.76 dBV/m	Grid 9 M4 28.33 dBV/m



0 dB = 31.26 V/m = 29.90 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)

PC3 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 = 19.17 V/m; Power Drift = 0.08 dB

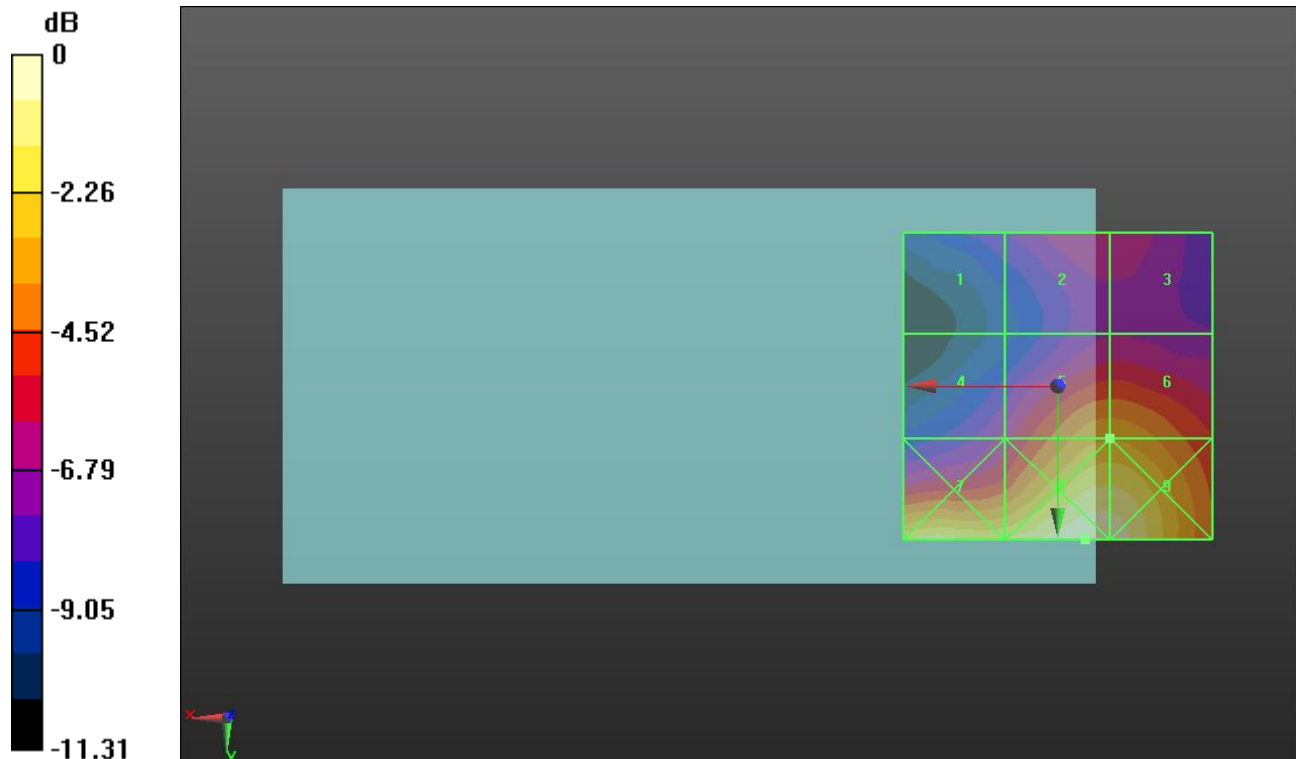
Applied MIF = -1.44 dB

RF audio interference level = 24.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.61 dBV/m	Grid 2 M4 21.13 dBV/m	Grid 3 M4 21.09 dBV/m
Grid 4 M4 20.66 dBV/m	Grid 5 M4 24.01 dBV/m	Grid 6 M4 24.01 dBV/m
Grid 7 M4 26.02 dBV/m	Grid 8 M4 27.07 dBV/m	Grid 9 M4 26.89 dBV/m



0 dB = 22.58 V/m = 27.07 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)

PC3 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 = 26.56 V/m; Power Drift = -0.03 dB

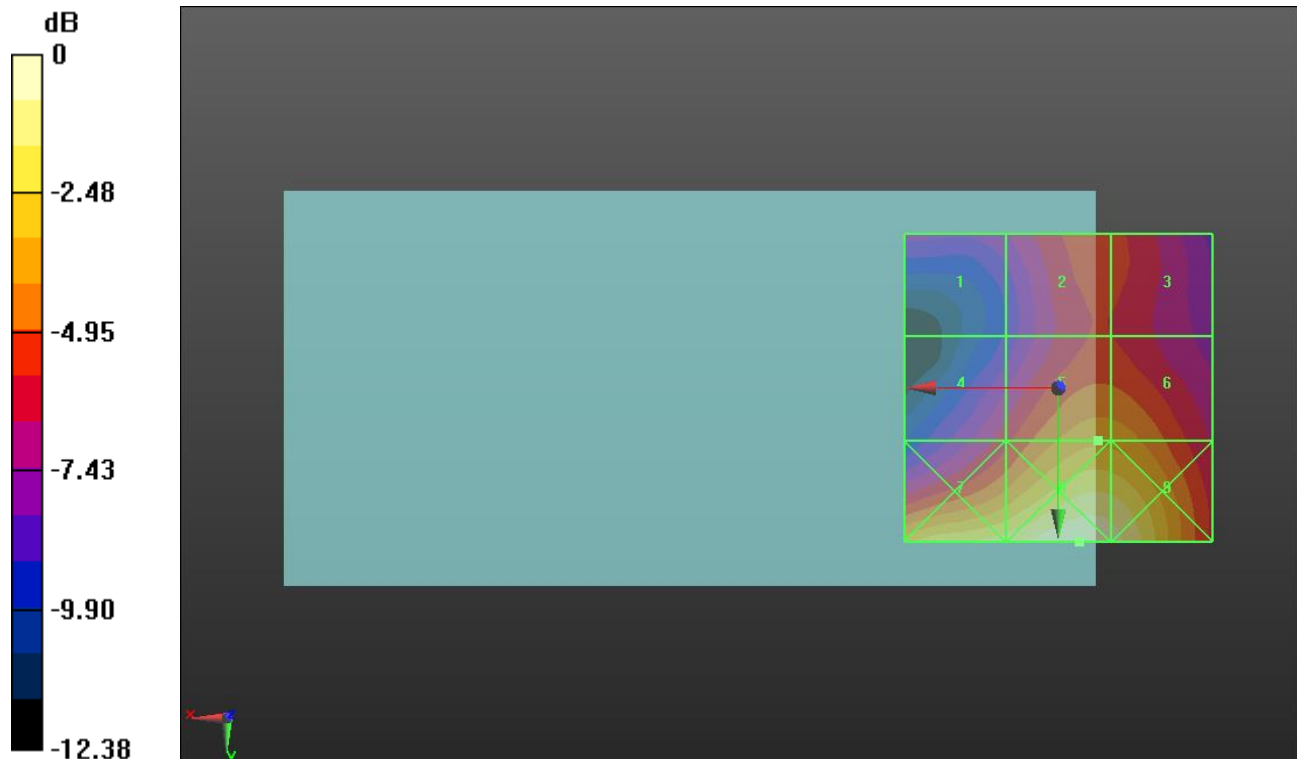
Applied MIF = -1.44 dB

RF audio interference level = 25.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.87 dBV/m	Grid 2 M4 23.95 dBV/m	Grid 3 M4 23.85 dBV/m
Grid 4 M4 23.24 dBV/m	Grid 5 M4 25.83 dBV/m	Grid 6 M4 25.77 dBV/m
Grid 7 M4 28.2 dBV/m	Grid 8 M4 29.3 dBV/m	Grid 9 M4 28.89 dBV/m



0 dB = 29.16 V/m = 29.30 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)

PC3 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 = 21.24 V/m; Power Drift = 0.04 dB

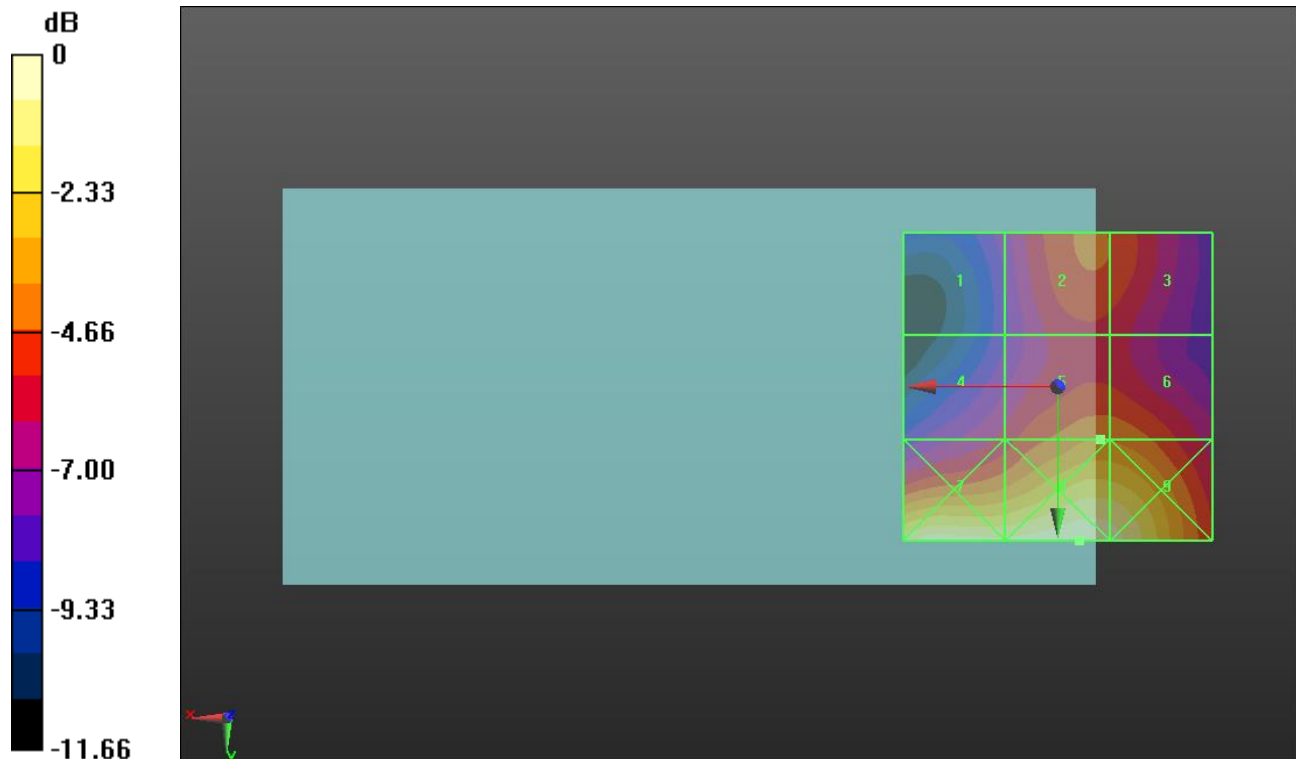
Applied MIF = -1.44 dB

RF audio interference level = 23.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.48 dBV/m	Grid 2 M4 23.14 dBV/m	Grid 3 M4 23.01 dBV/m
Grid 4 M4 21.83 dBV/m	Grid 5 M4 23.77 dBV/m	Grid 6 M4 23.73 dBV/m
Grid 7 M4 27.45 dBV/m	Grid 8 M4 27.66 dBV/m	Grid 9 M4 27.3 dBV/m



0 dB = 24.16 V/m = 27.66 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)

PC3 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 = 18.76 V/m; Power Drift = -0.02 dB

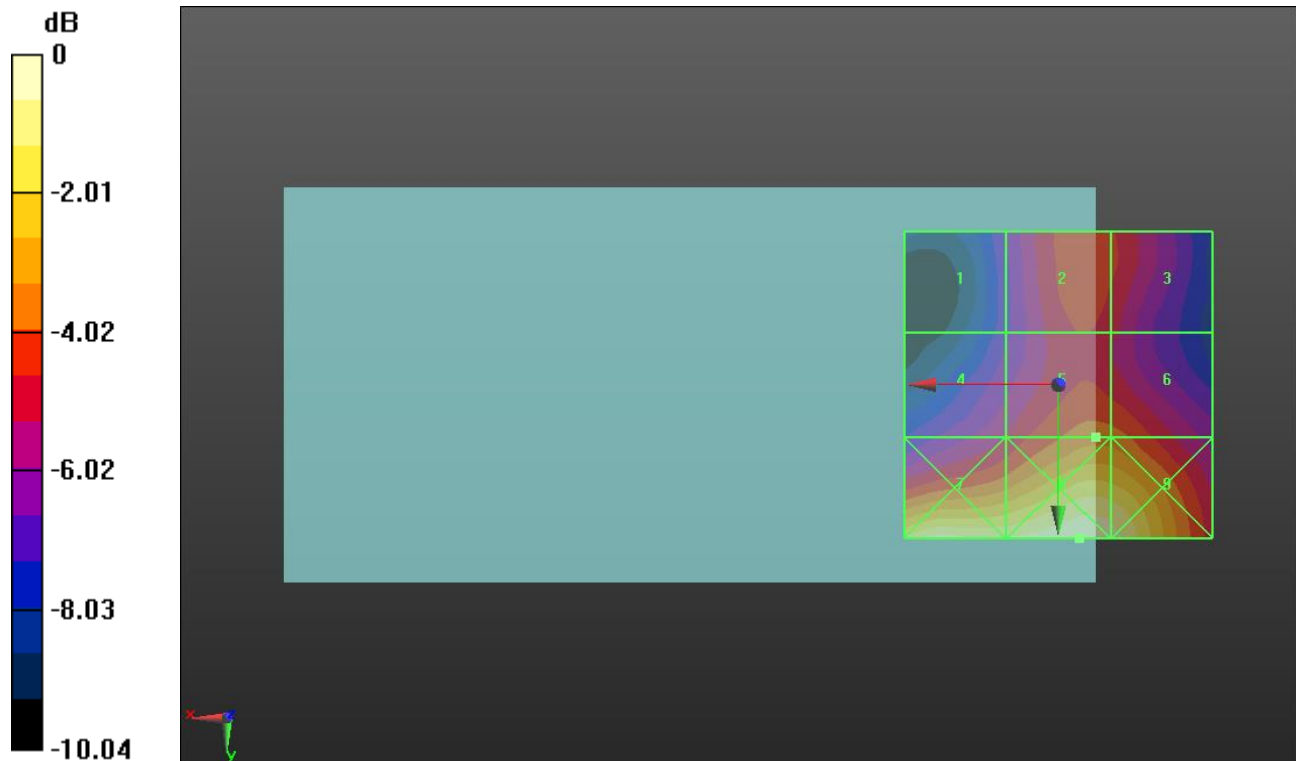
Applied MIF = -1.44 dB

RF audio interference level = 22.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.01 dBV/m	Grid 2 M4 21.45 dBV/m	Grid 3 M4 21.17 dBV/m
Grid 4 M4 20.36 dBV/m	Grid 5 M4 22.07 dBV/m	Grid 6 M4 21.99 dBV/m
Grid 7 M4 25.33 dBV/m	Grid 8 M4 25.65 dBV/m	Grid 9 M4 25.29 dBV/m



0 dB = 19.17 V/m = 25.65 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)

**PC3 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 = 21.23 V/m; Power Drift = -0.00 dB

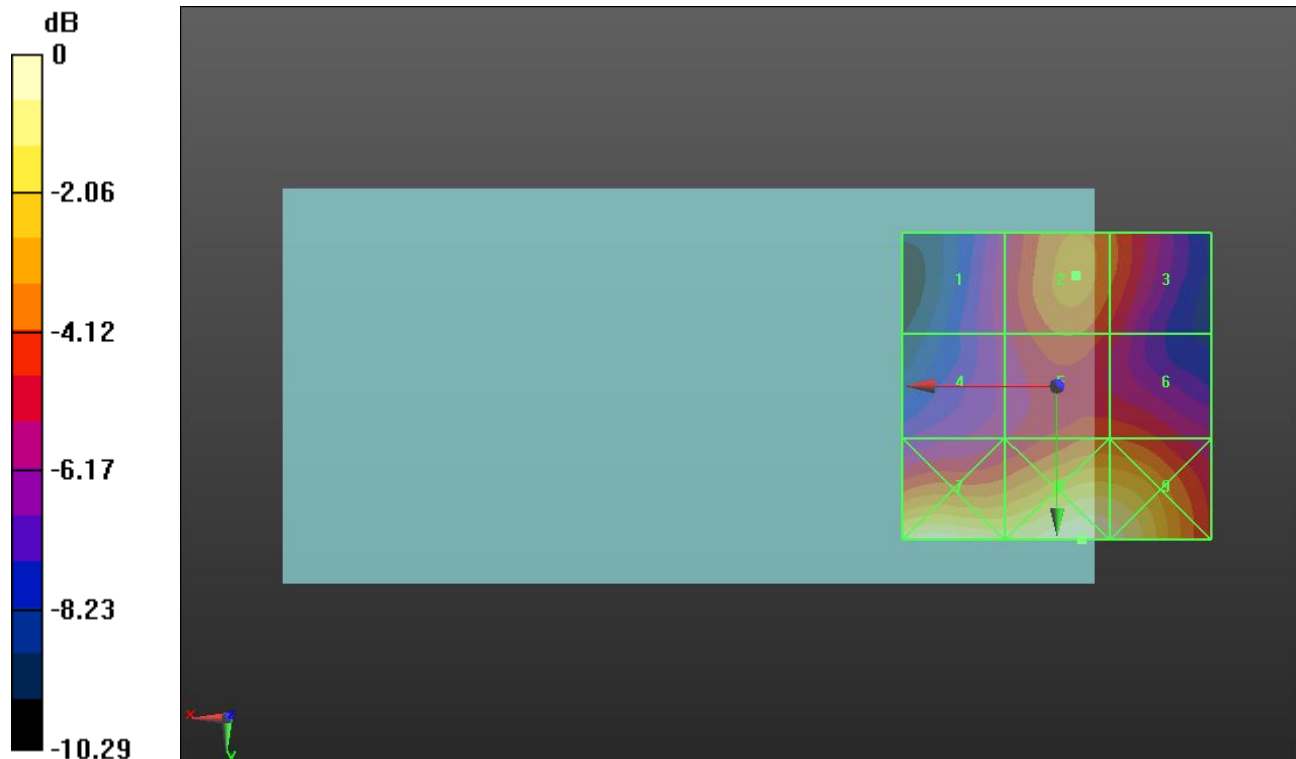
Applied MIF = -1.44 dB

RF audio interference level = 23.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.32 dBV/m	Grid 2 M4 23.68 dBV/m	Grid 3 M4 23.02 dBV/m
Grid 4 M4 21.33 dBV/m	Grid 5 M4 22.75 dBV/m	Grid 6 M4 22.73 dBV/m
Grid 7 M4 26.74 dBV/m	Grid 8 M4 26.8 dBV/m	Grid 9 M4 26.54 dBV/m



0 dB = 21.88 V/m = 26.80 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 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 = 34.61 V/m; Power Drift = 0.18 dB

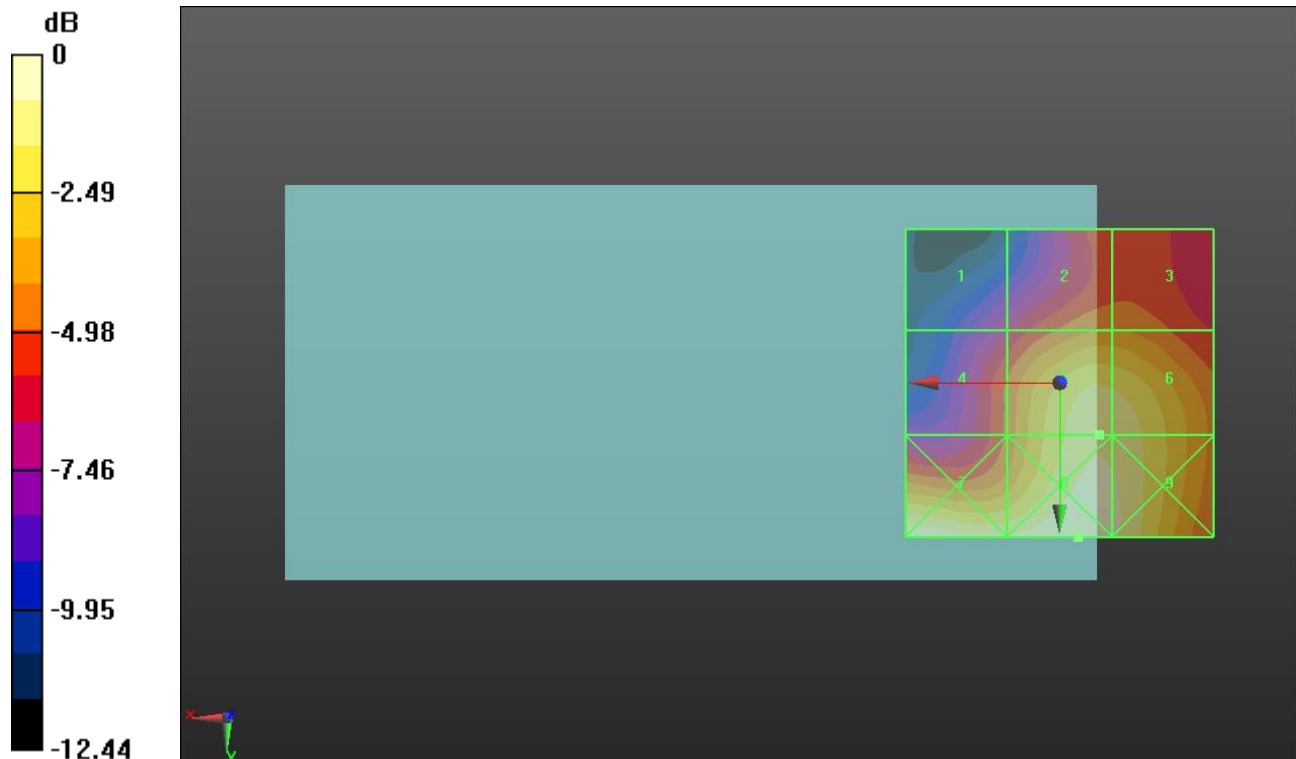
Applied MIF = -1.44 dB

RF audio interference level = 27.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.83 dBV/m	Grid 2 M4 24.5 dBV/m	Grid 3 M4 24.49 dBV/m
Grid 4 M4 23.82 dBV/m	Grid 5 M4 27.56 dBV/m	Grid 6 M4 27.47 dBV/m
Grid 7 M4 28.42 dBV/m	Grid 8 M4 28.53 dBV/m	Grid 9 M4 27.93 dBV/m



0 dB = 26.69 V/m = 28.53 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 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 = 33.75 V/m; Power Drift = -0.03 dB

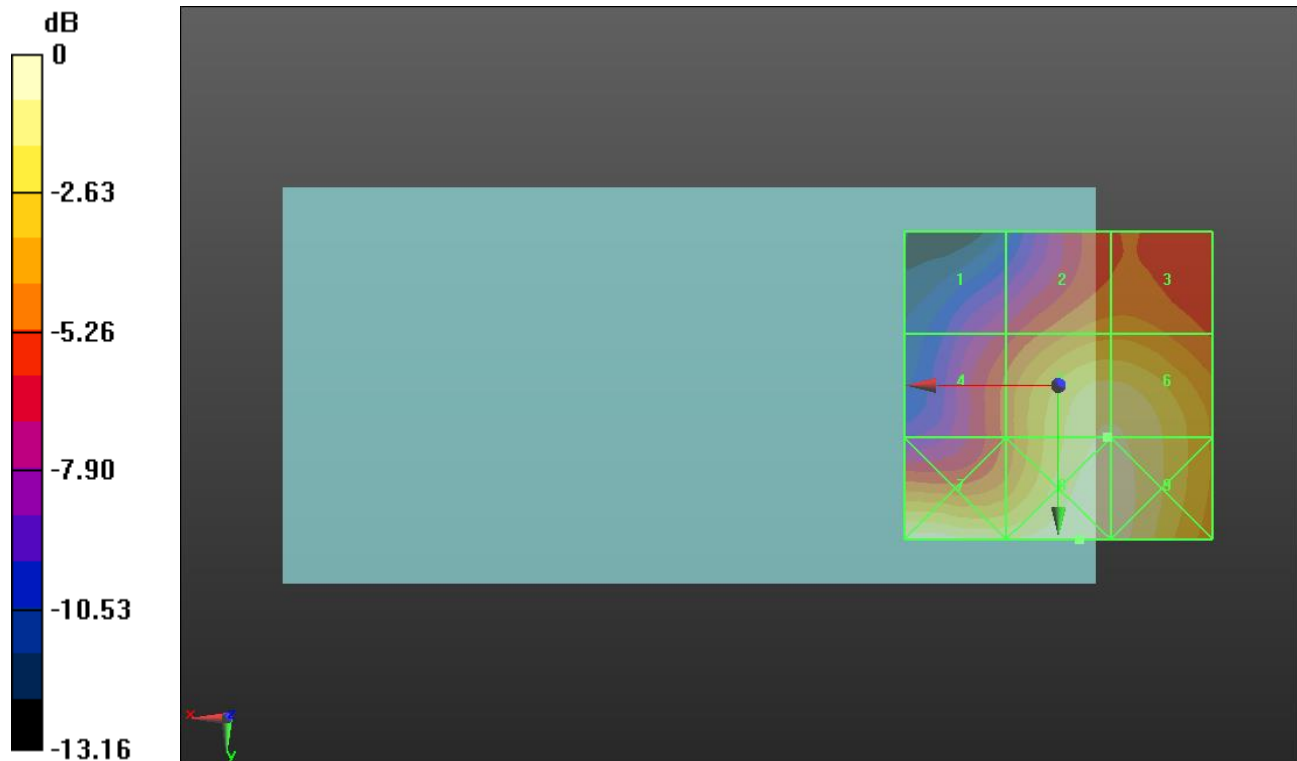
Applied MIF = -1.44 dB

RF audio interference level = 27.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.59 dBV/m	Grid 2 M4 24.5 dBV/m	Grid 3 M4 24.51 dBV/m
Grid 4 M4 23.4 dBV/m	Grid 5 M4 27.49 dBV/m	Grid 6 M4 27.48 dBV/m
Grid 7 M4 27.98 dBV/m	Grid 8 M4 28.26 dBV/m	Grid 9 M4 27.91 dBV/m



0 dB = 25.90 V/m = 28.27 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 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 = 33.65 V/m; Power Drift = -0.14 dB

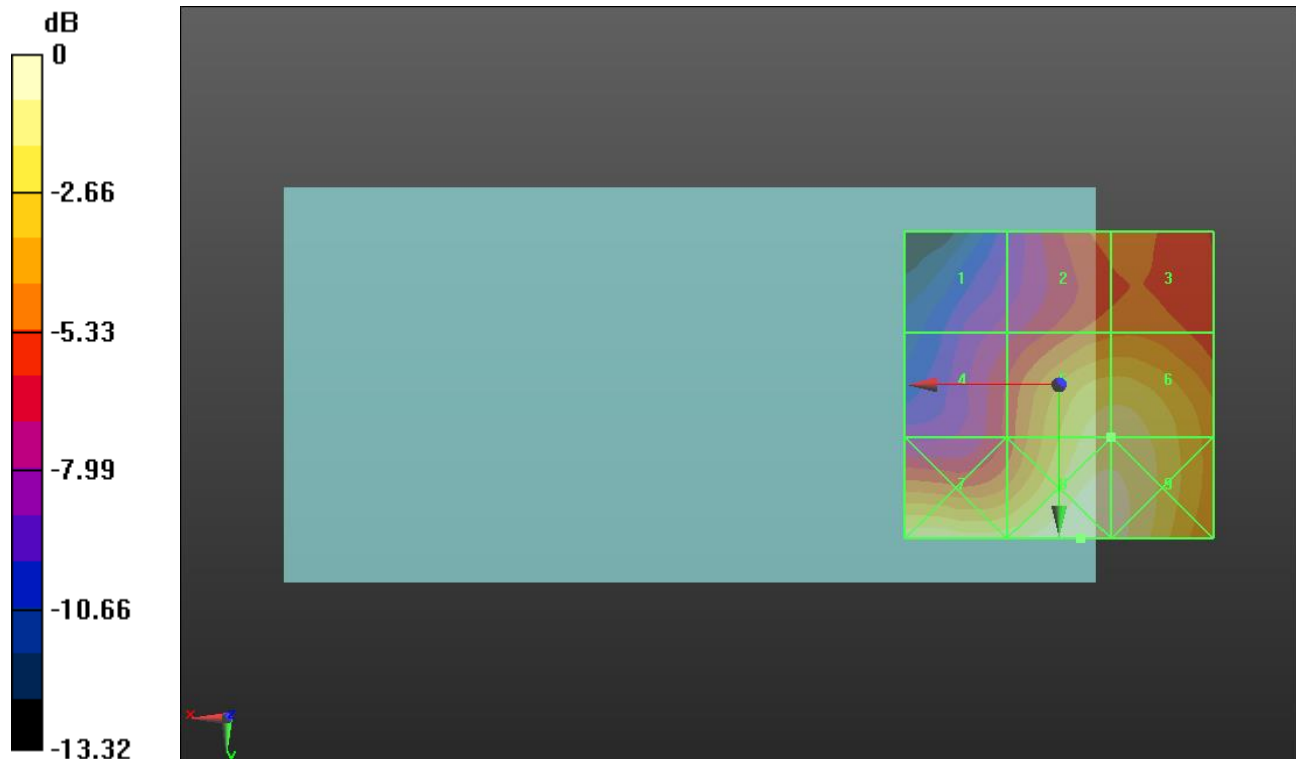
Applied MIF = -1.44 dB

RF audio interference level = 27.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.51 dBV/m	Grid 2 M4 24.31 dBV/m	Grid 3 M4 24.41 dBV/m
Grid 4 M4 23.02 dBV/m	Grid 5 M4 27.68 dBV/m	Grid 6 M4 27.68 dBV/m
Grid 7 M4 27.98 dBV/m	Grid 8 M4 28.93 dBV/m	Grid 9 M4 28.5 dBV/m



0 dB = 27.97 V/m = 28.93 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 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 = 35.45 V/m; Power Drift = -0.04 dB

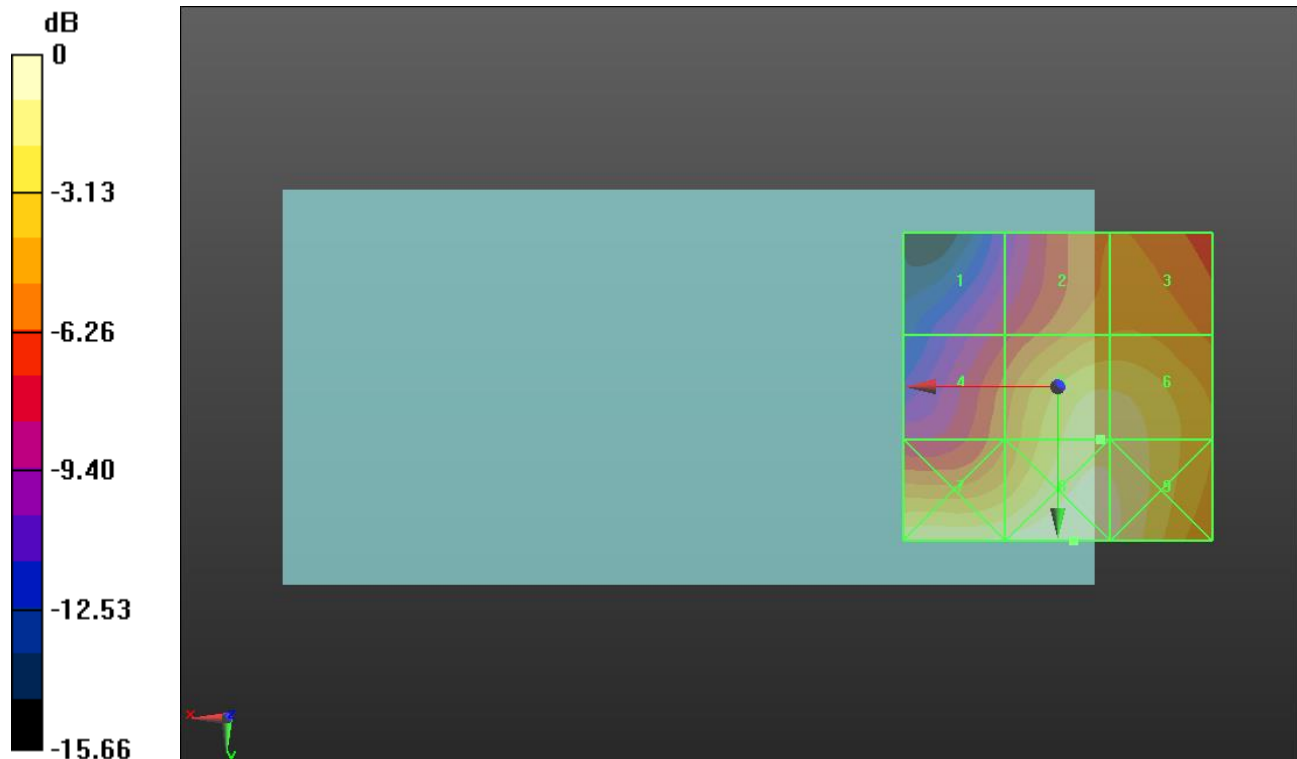
Applied MIF = -1.44 dB

RF audio interference level = 28.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.69 dBV/m	Grid 2 M4 25.25 dBV/m	Grid 3 M4 25.31 dBV/m
Grid 4 M4 24.12 dBV/m	Grid 5 M4 28.07 dBV/m	Grid 6 M4 28.03 dBV/m
Grid 7 M4 28.63 dBV/m	Grid 8 M4 29.35 dBV/m	Grid 9 M4 28.63 dBV/m



0 dB = 29.33 V/m = 29.35 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 = 64.25 V/m; Power Drift = -0.13 dB

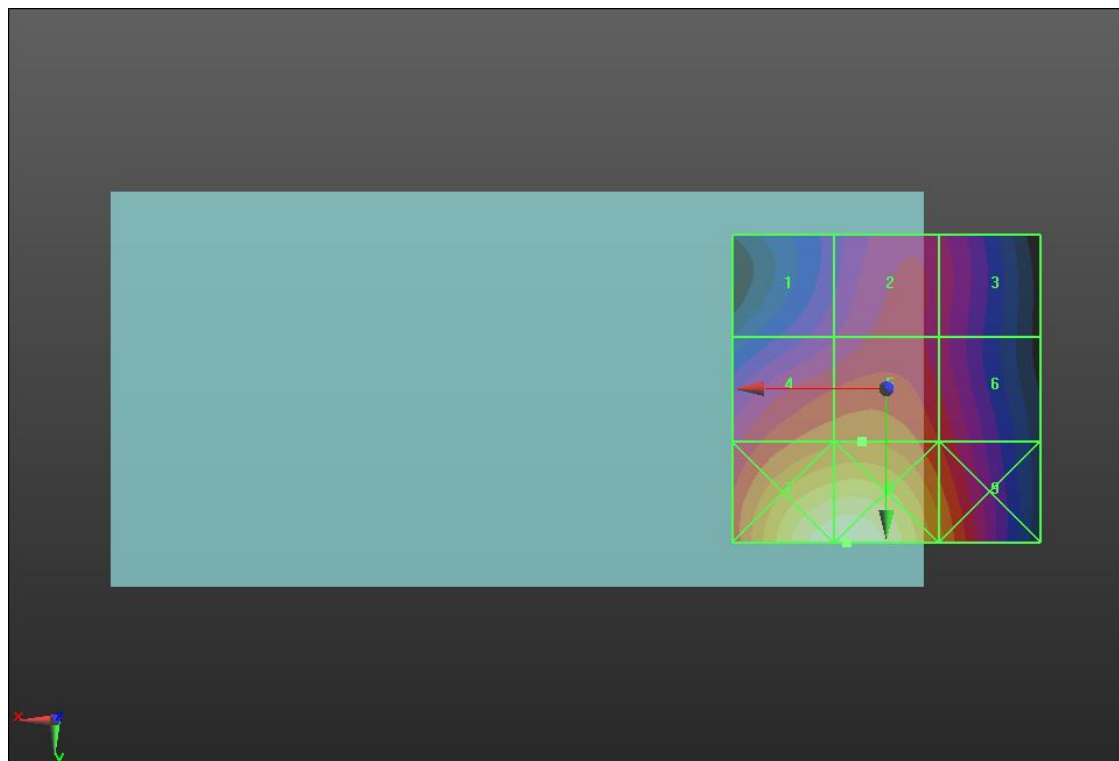
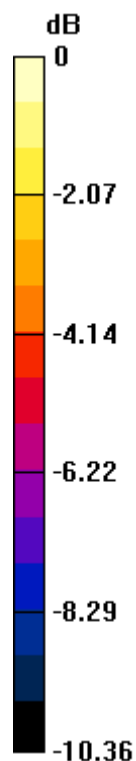
Applied MIF = -2.02 dB

RF audio interference level = 31.87 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.03 dBV/m	Grid 2 M3 30.04 dBV/m	Grid 3 M4 29.54 dBV/m
Grid 4 M3 31.72 dBV/m	Grid 5 M3 31.87 dBV/m	Grid 6 M3 30.48 dBV/m
Grid 7 M2 35.21 dBV/m	Grid 8 M2 35.29 dBV/m	Grid 9 M3 32.13 dBV/m



0 dB = 58.14 V/m = 35.29 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 = 67.43 V/m; Power Drift = 0.04 dB

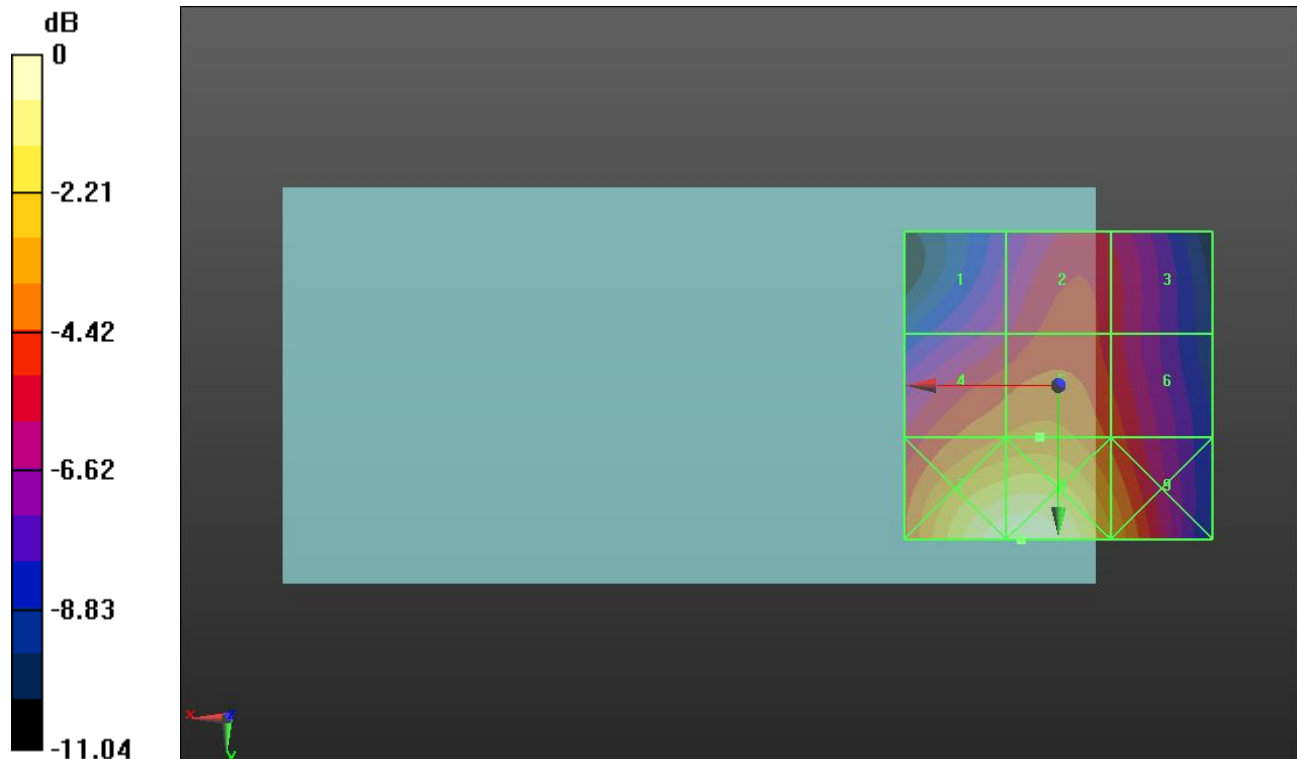
Applied MIF = -2.02 dB

RF audio interference level = 32.24 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.63 dBV/m	Grid 2 M3 30.79 dBV/m	Grid 3 M3 30.14 dBV/m
Grid 4 M3 31.99 dBV/m	Grid 5 M3 32.24 dBV/m	Grid 6 M3 31.02 dBV/m
Grid 7 M2 35.43 dBV/m	Grid 8 M2 35.58 dBV/m	Grid 9 M3 32.8 dBV/m



0 dB = 60.15 V/m = 35.58 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 = 64.62 V/m; Power Drift = -0.01 dB

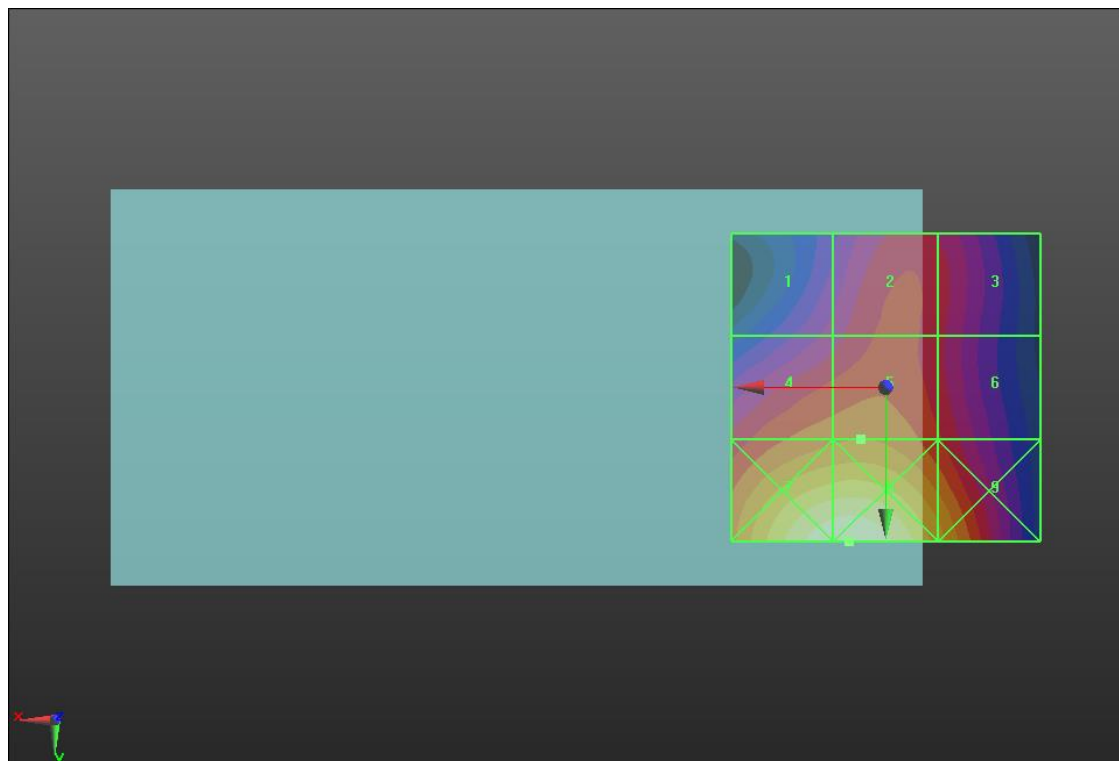
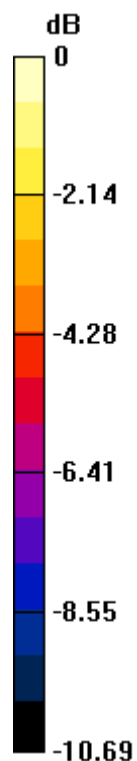
Applied MIF = -2.02 dB

RF audio interference level = 31.64 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.19 dBV/m	Grid 2 M3 30.41 dBV/m	Grid 3 M4 29.88 dBV/m
Grid 4 M3 31.5 dBV/m	Grid 5 M3 31.64 dBV/m	Grid 6 M3 30.37 dBV/m
Grid 7 M2 35.1 dBV/m	Grid 8 M2 35.19 dBV/m	Grid 9 M3 32.74 dBV/m



0 dB = 57.48 V/m = 35.19 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 = 66.35 V/m; Power Drift = -0.06 dB

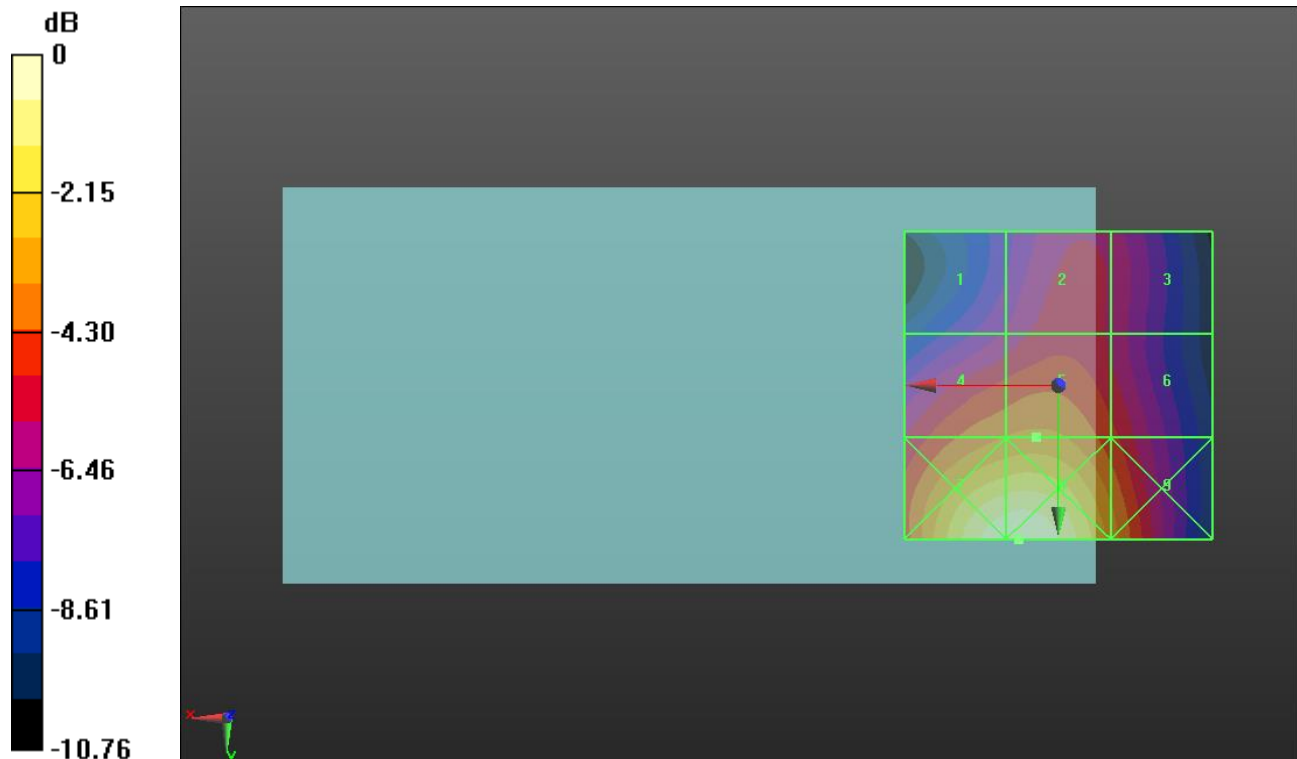
Applied MIF = 0.12 dB

RF audio interference level = 34.45 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 31.5 dBV/m	Grid 2 M3 32.55 dBV/m	Grid 3 M3 31.98 dBV/m
Grid 4 M3 34.26 dBV/m	Grid 5 M3 34.45 dBV/m	Grid 6 M3 33.08 dBV/m
Grid 7 M2 37.69 dBV/m	Grid 8 M2 37.79 dBV/m	Grid 9 M3 34.66 dBV/m



0 dB = 77.52 V/m = 37.79 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 = 61.68 V/m; Power Drift = -0.06 dB

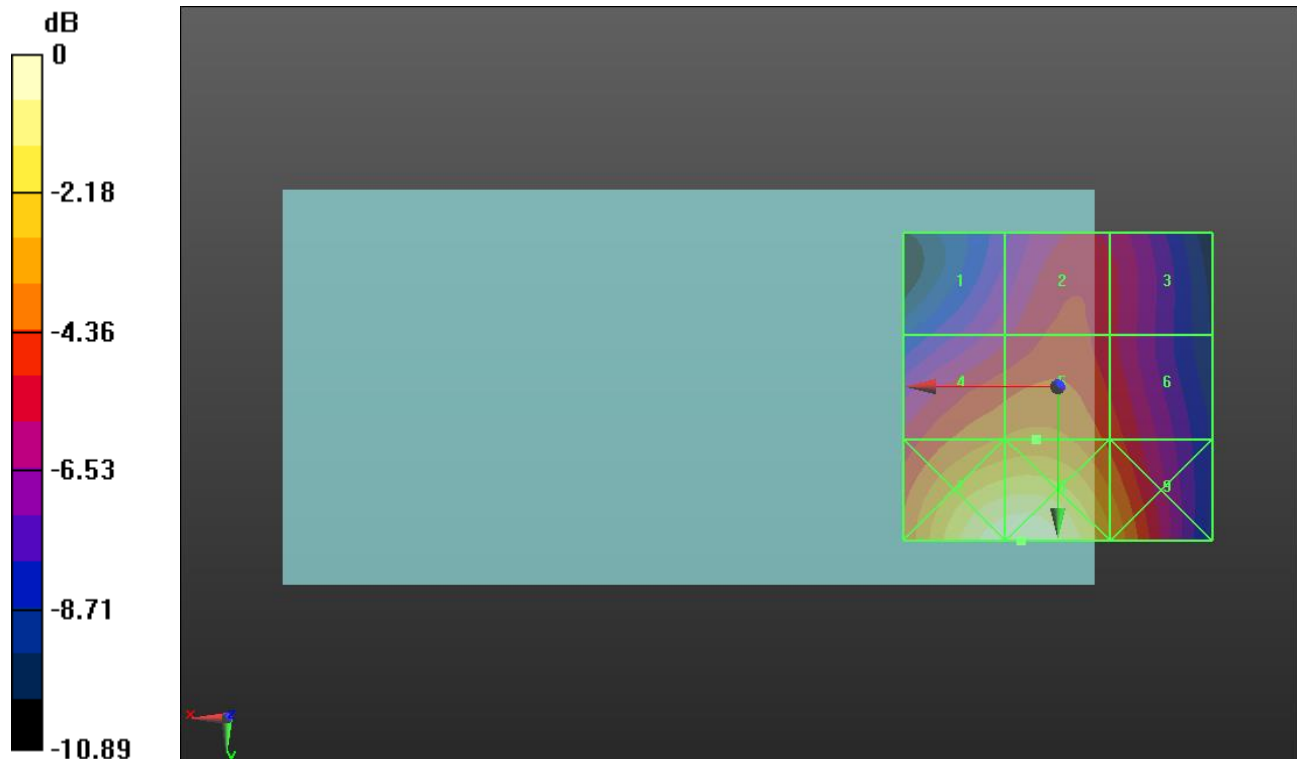
Applied MIF = 0.12 dB

RF audio interference level = 33.58 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.96 dBV/m	Grid 2 M3 32.04 dBV/m	Grid 3 M3 31.39 dBV/m
Grid 4 M3 33.4 dBV/m	Grid 5 M3 33.58 dBV/m	Grid 6 M3 32.36 dBV/m
Grid 7 M2 36.82 dBV/m	Grid 8 M2 36.92 dBV/m	Grid 9 M3 34.17 dBV/m



0 dB = 70.16 V/m = 36.92 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 = 67.80 V/m; Power Drift = -0.15 dB

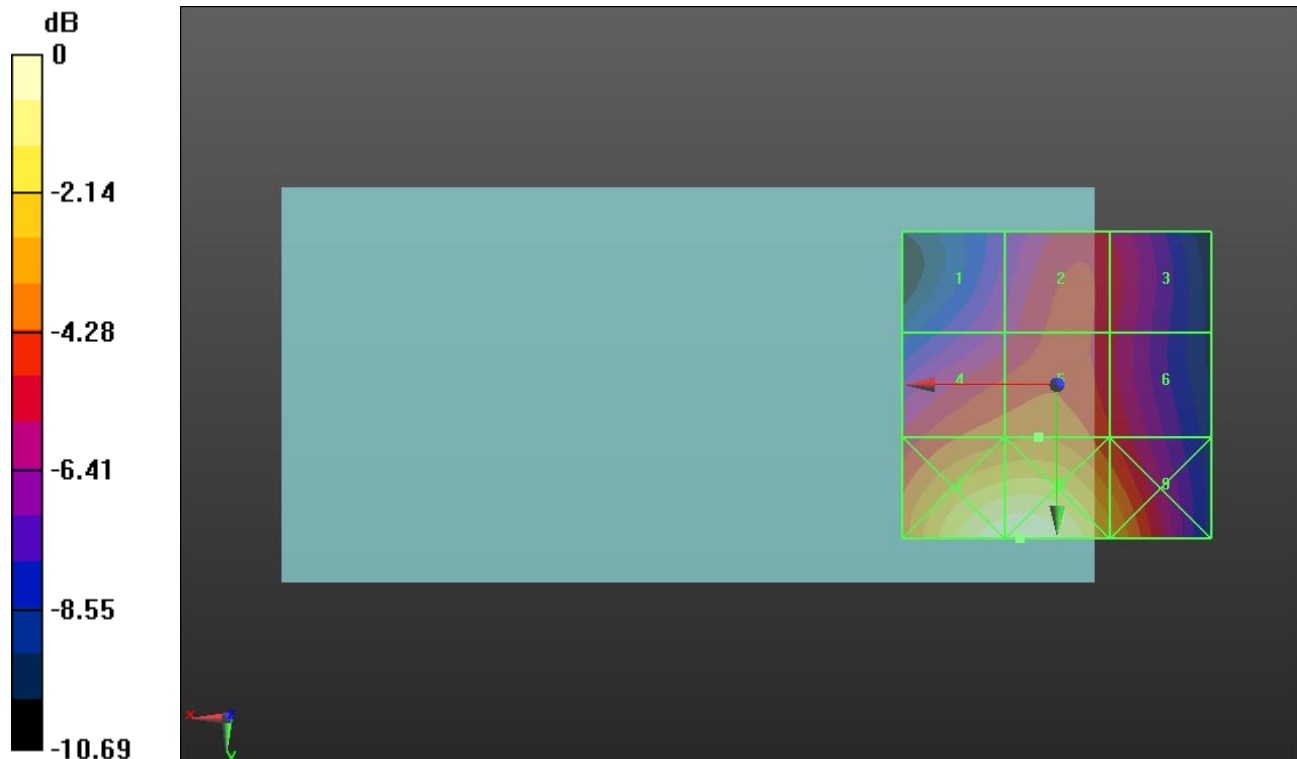
Applied MIF = 0.12 dB

RF audio interference level = 34.22 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 31.78 dBV/m	Grid 2 M3 33.02 dBV/m	Grid 3 M3 32.48 dBV/m
Grid 4 M3 34.04 dBV/m	Grid 5 M3 34.22 dBV/m	Grid 6 M3 32.97 dBV/m
Grid 7 M2 37.65 dBV/m	Grid 8 M2 37.77 dBV/m	Grid 9 M2 35.29 dBV/m



0 dB = 77.36 V/m = 37.77 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 = 10.46 V/m; Power Drift = 0.10 dB

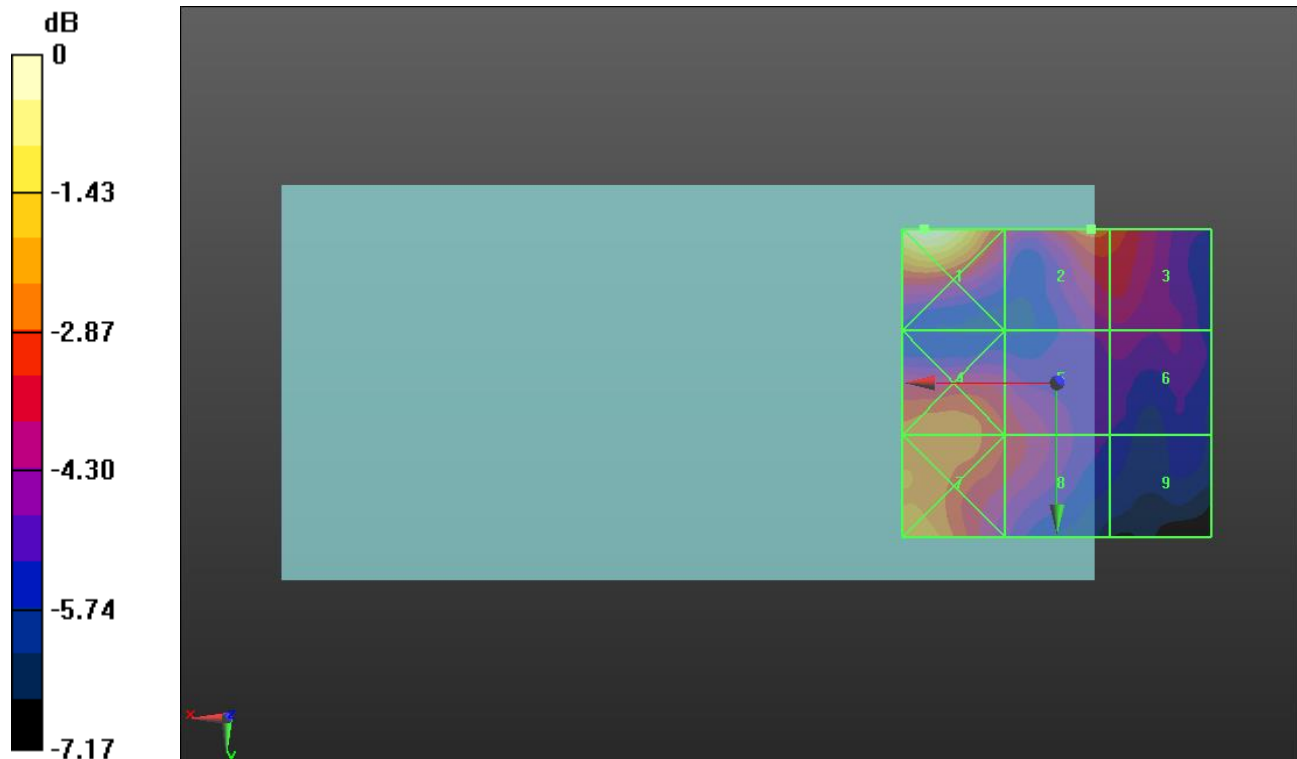
Applied MIF = -3.15 dB

RF audio interference level = 17.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.53 dBV/m	Grid 2 M4 17.01 dBV/m	Grid 3 M4 16.69 dBV/m
Grid 4 M4 17.02 dBV/m	Grid 5 M4 16.18 dBV/m	Grid 6 M4 15.13 dBV/m
Grid 7 M4 17.65 dBV/m	Grid 8 M4 16.18 dBV/m	Grid 9 M4 14.29 dBV/m



0 dB = 9.472 V/m = 19.53 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 = 9.485 V/m; Power Drift = 0.17 dB

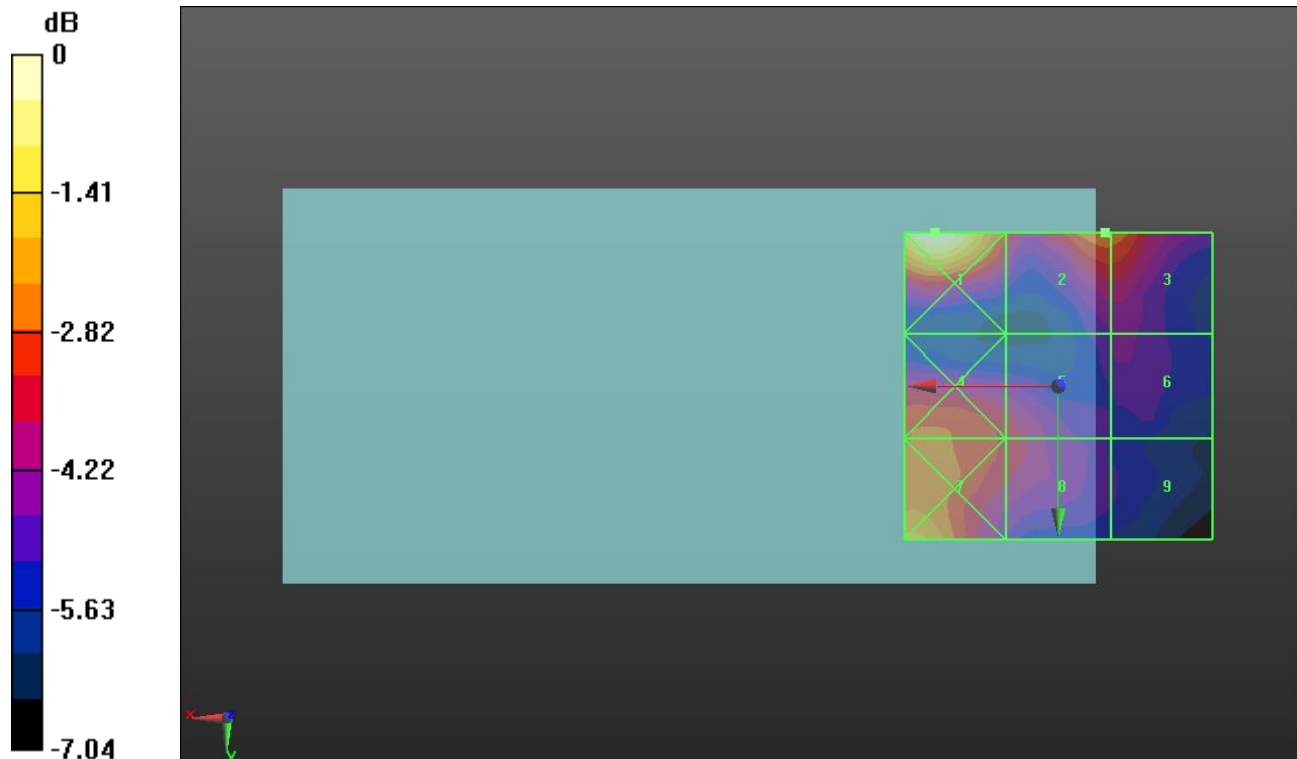
Applied MIF = -3.15 dB

RF audio interference level = 17.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.68 dBV/m	Grid 2 M4 17.3 dBV/m	Grid 3 M4 17.27 dBV/m
Grid 4 M4 17.02 dBV/m	Grid 5 M4 16.28 dBV/m	Grid 6 M4 15.13 dBV/m
Grid 7 M4 18.03 dBV/m	Grid 8 M4 16.29 dBV/m	Grid 9 M4 14.64 dBV/m



0 dB = 9.637 V/m = 19.68 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 = 8.757 V/m; Power Drift = 0.04 dB

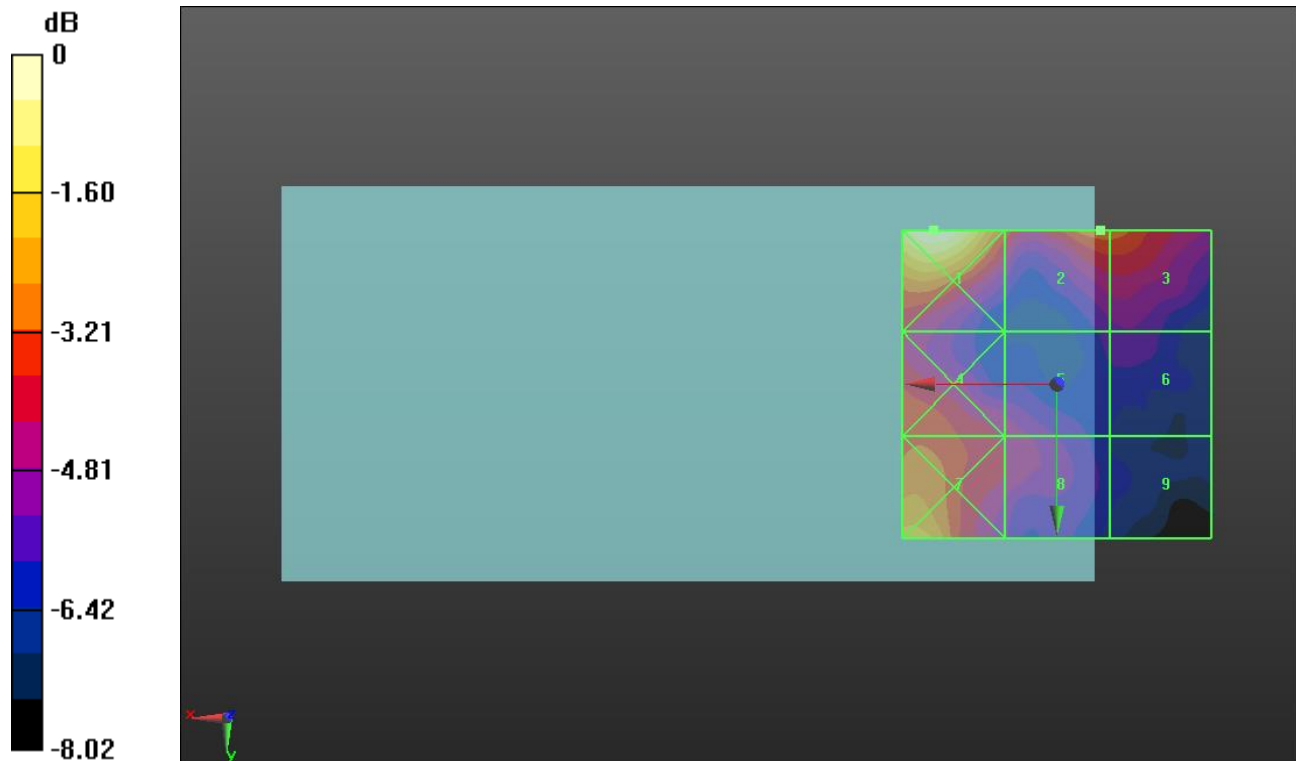
Applied MIF = -3.15 dB

RF audio interference level = 17.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.19 dBV/m	Grid 2 M4 17.39 dBV/m	Grid 3 M4 17.33 dBV/m
Grid 4 M4 16.92 dBV/m	Grid 5 M4 15.8 dBV/m	Grid 6 M4 14.83 dBV/m
Grid 7 M4 18.33 dBV/m	Grid 8 M4 15.97 dBV/m	Grid 9 M4 14.16 dBV/m



0 dB = 10.22 V/m = 20.19 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 = 10.75 V/m; Power Drift = -0.08 dB

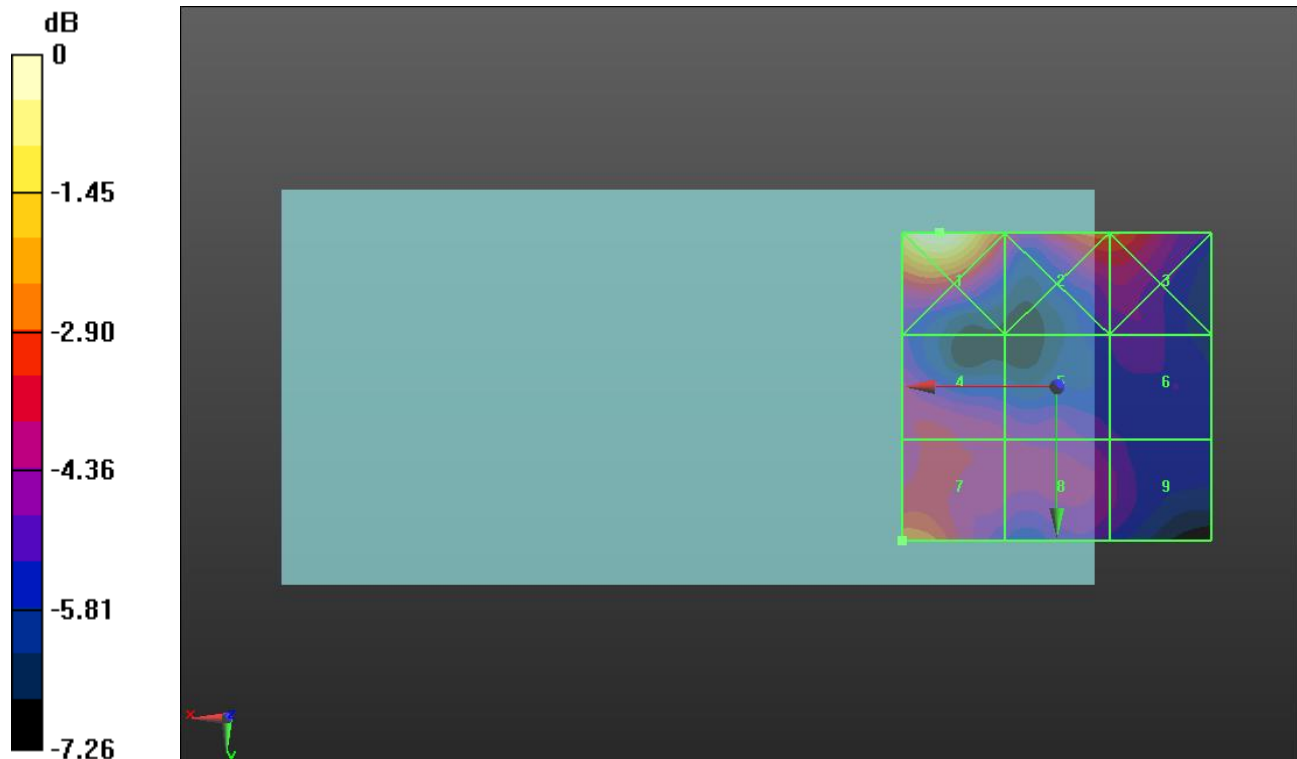
Applied MIF = -3.15 dB

RF audio interference level = 17.84 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.21 dBV/m	Grid 2 M4 17.6 dBV/m	Grid 3 M4 17.55 dBV/m
Grid 4 M4 16.44 dBV/m	Grid 5 M4 15.98 dBV/m	Grid 6 M4 15.31 dBV/m
Grid 7 M4 17.84 dBV/m	Grid 8 M4 16.19 dBV/m	Grid 9 M4 15.57 dBV/m



0 dB = 10.25 V/m = 20.21 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 = 9.165 V/m; Power Drift = 0.11 dB

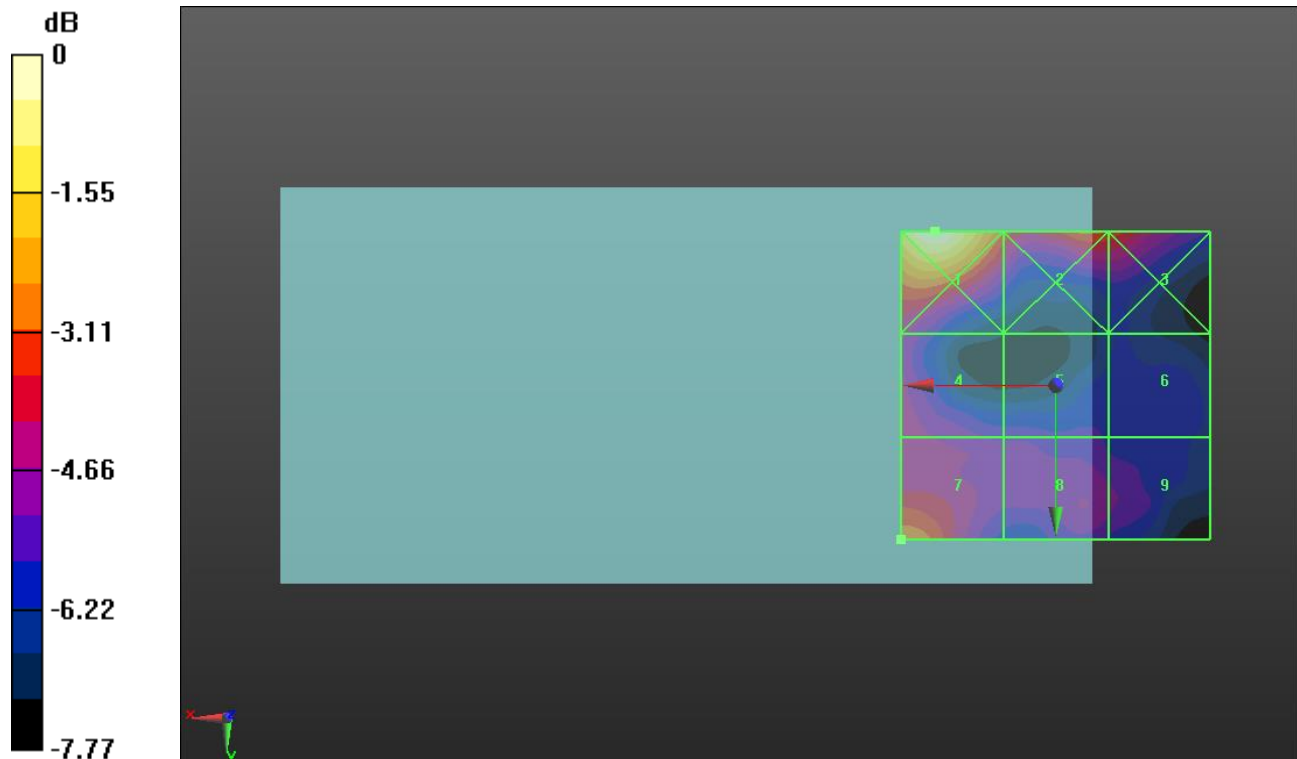
Applied MIF = -3.15 dB

RF audio interference level = 17.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.58 dBV/m	Grid 2 M4 17.65 dBV/m	Grid 3 M4 17.39 dBV/m
Grid 4 M4 16.22 dBV/m	Grid 5 M4 15.33 dBV/m	Grid 6 M4 14.87 dBV/m
Grid 7 M4 17.91 dBV/m	Grid 8 M4 15.96 dBV/m	Grid 9 M4 15.58 dBV/m



0 dB = 10.69 V/m = 20.58 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 = 10.62 V/m; Power Drift = 0.11 dB

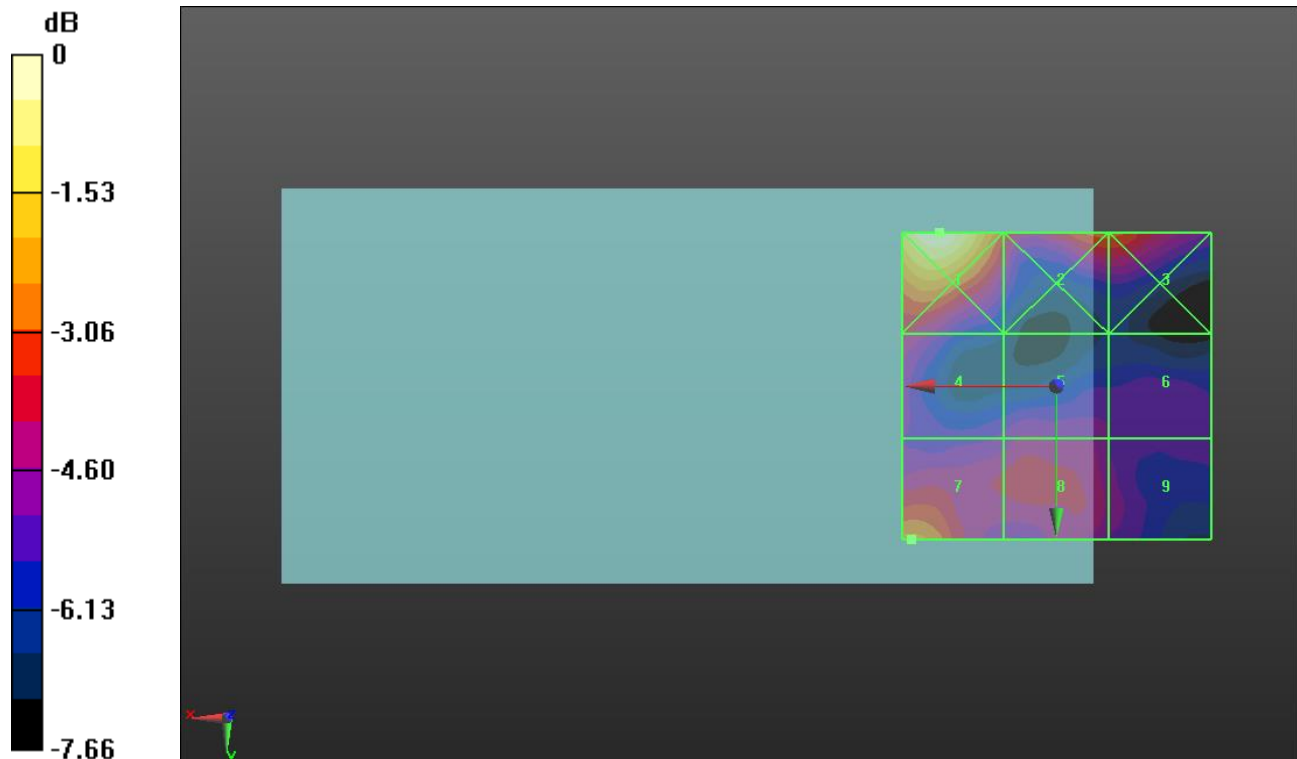
Applied MIF = -3.15 dB

RF audio interference level = 18.09 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.39 dBV/m	Grid 2 M4 17.67 dBV/m	Grid 3 M4 17.63 dBV/m
Grid 4 M4 16.36 dBV/m	Grid 5 M4 15.93 dBV/m	Grid 6 M4 15.3 dBV/m
Grid 7 M4 18.09 dBV/m	Grid 8 M4 16.6 dBV/m	Grid 9 M4 15.71 dBV/m



0 dB = 10.46 V/m = 20.39 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 = 10.94 V/m; Power Drift = 0.08 dB

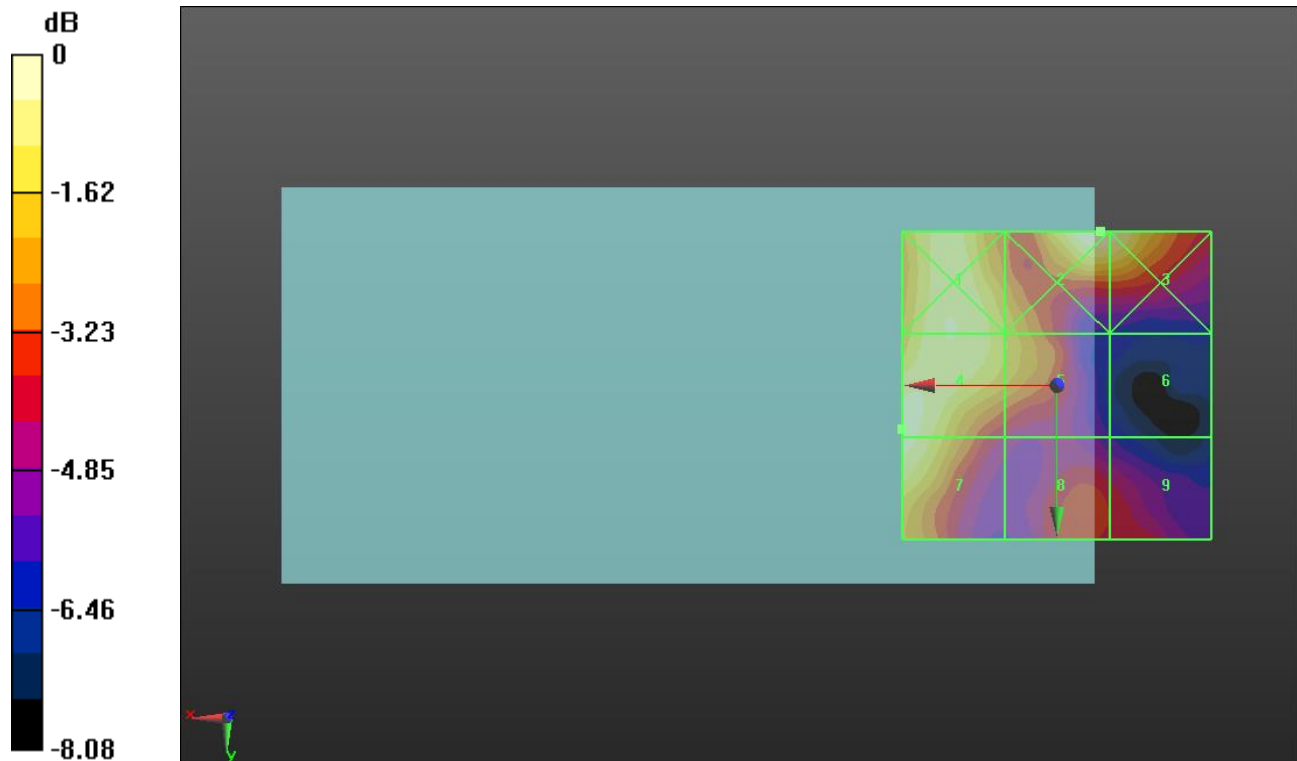
Applied MIF = -3.15 dB

RF audio interference level = 17.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.55 dBV/m	Grid 2 M4 18.07 dBV/m	Grid 3 M4 17.86 dBV/m
Grid 4 M4 17.86 dBV/m	Grid 5 M4 16.54 dBV/m	Grid 6 M4 12.25 dBV/m
Grid 7 M4 17.79 dBV/m	Grid 8 M4 14.73 dBV/m	Grid 9 M4 14.32 dBV/m



0 dB = 8.008 V/m = 18.07 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 = 11.40 V/m; Power Drift = -0.01 dB

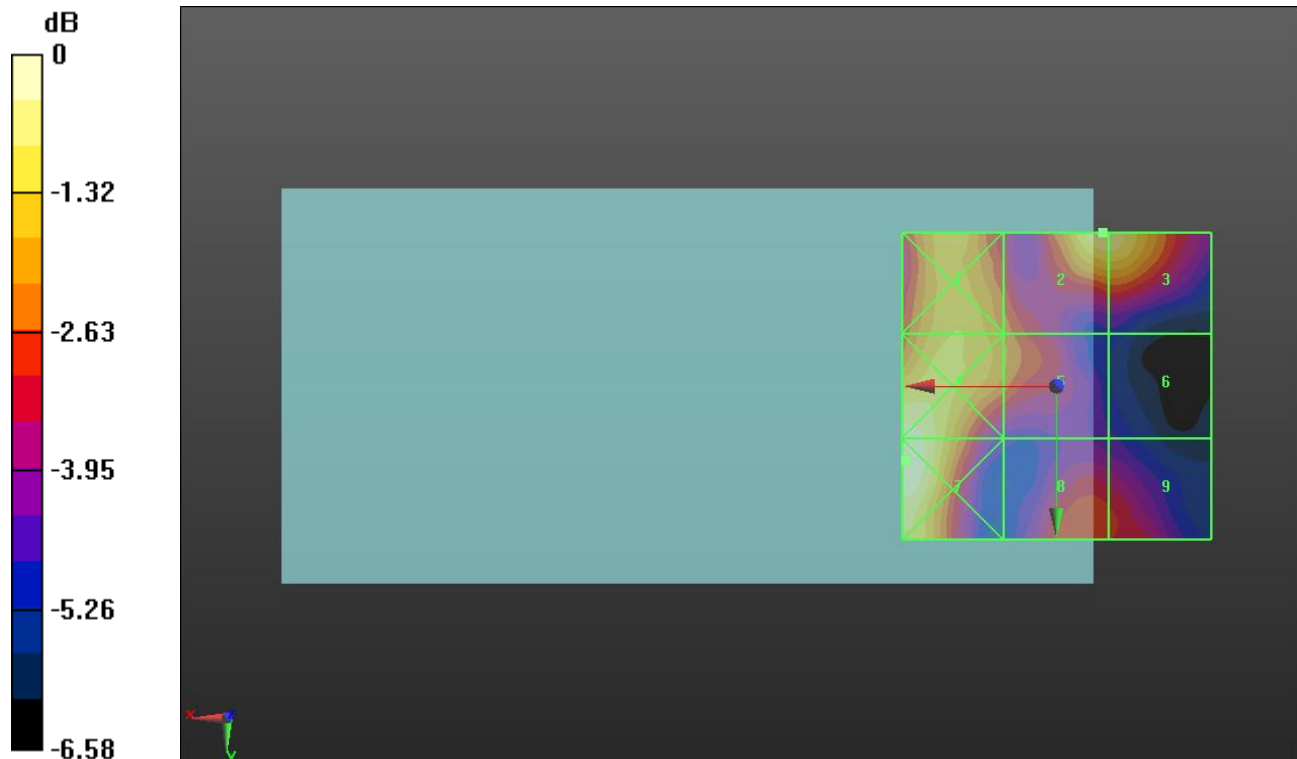
Applied MIF = -3.15 dB

RF audio interference level = 17.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.13 dBV/m	Grid 2 M4 17.92 dBV/m	Grid 3 M4 17.84 dBV/m
Grid 4 M4 18.26 dBV/m	Grid 5 M4 16.35 dBV/m	Grid 6 M4 13.78 dBV/m
Grid 7 M4 18.42 dBV/m	Grid 8 M4 15.81 dBV/m	Grid 9 M4 15.53 dBV/m



0 dB = 8.338 V/m = 18.42 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):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.695 V/m; Power Drift = -0.01 dB

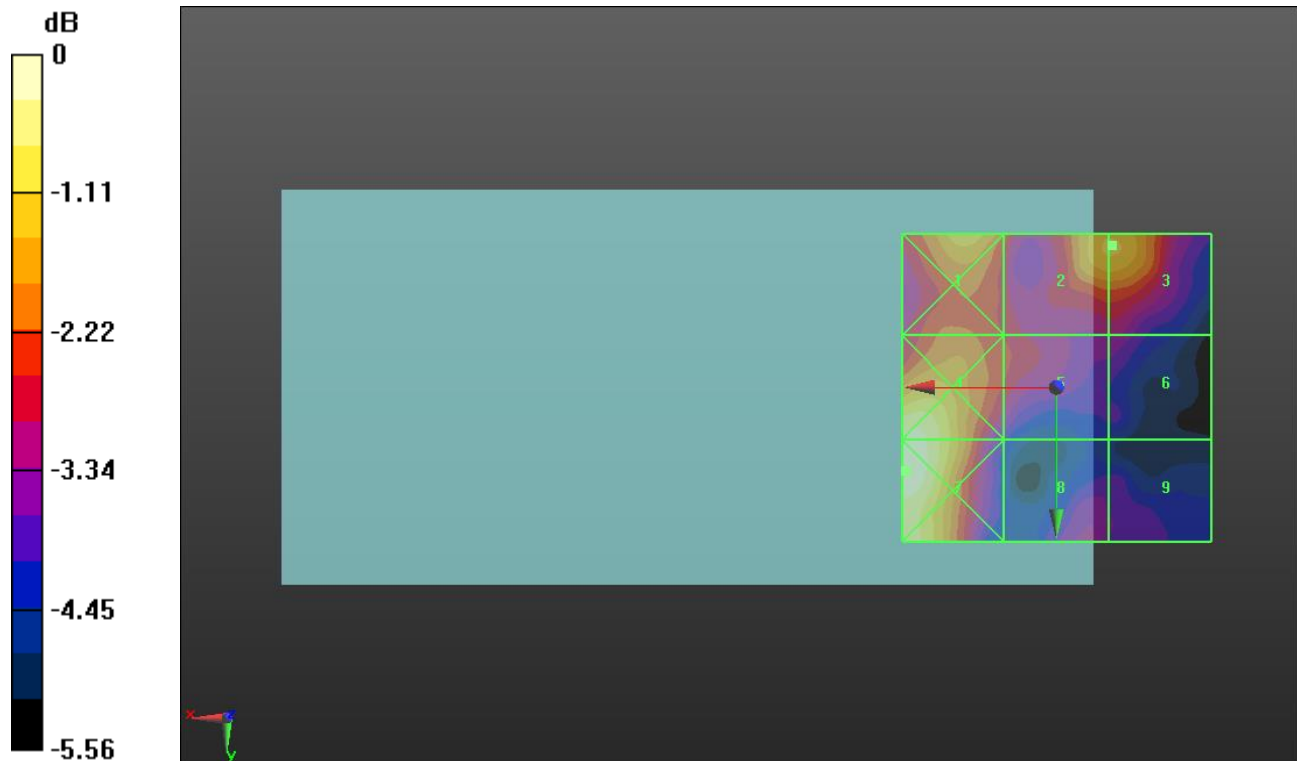
Applied MIF = -3.15 dB

RF audio interference level = 16.01 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.91 dBV/m	Grid 2 M4 16.01 dBV/m	Grid 3 M4 16.01 dBV/m
Grid 4 M4 16.83 dBV/m	Grid 5 M4 14.53 dBV/m	Grid 6 M4 13.75 dBV/m
Grid 7 M4 17.04 dBV/m	Grid 8 M4 13.78 dBV/m	Grid 9 M4 13.43 dBV/m



0 dB = 7.114 V/m = 17.04 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 = 9.025 V/m; Power Drift = 0.03 dB

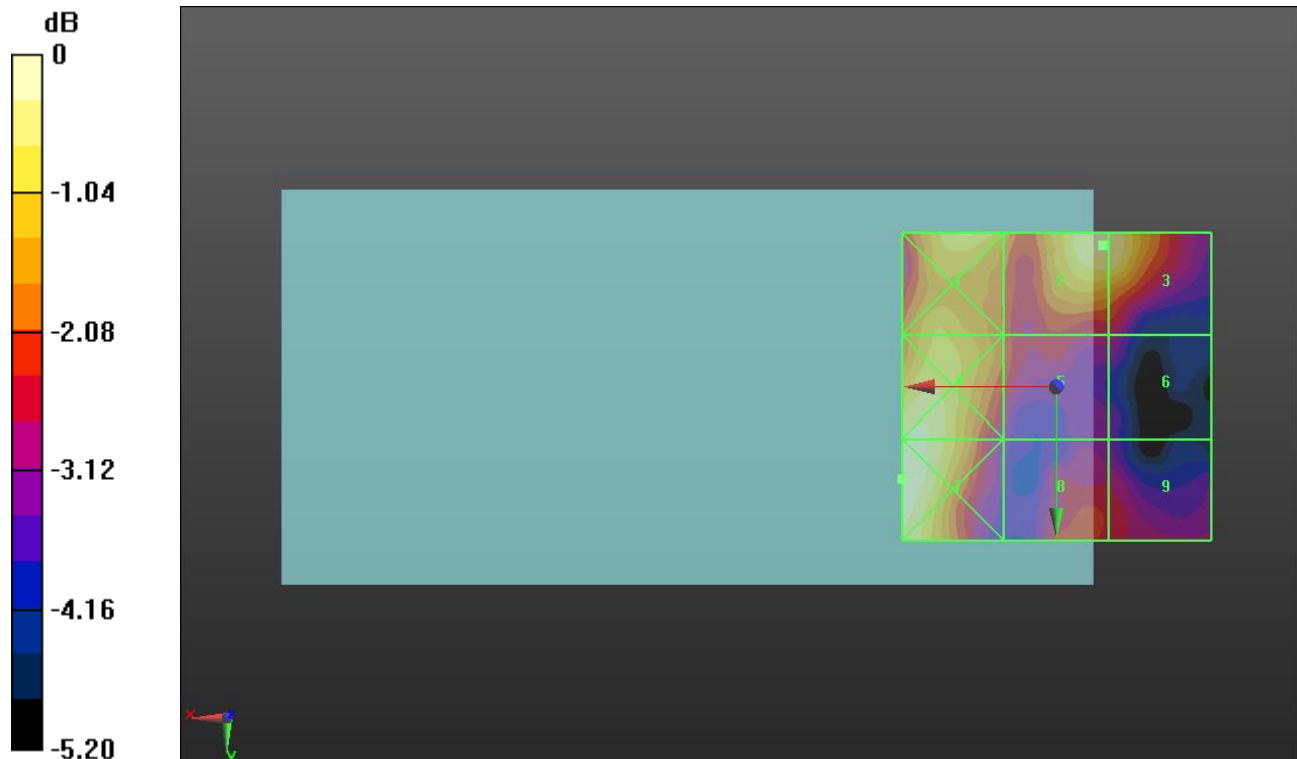
Applied MIF = -3.15 dB

RF audio interference level = 16.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.78 dBV/m	Grid 2 M4 16.13 dBV/m	Grid 3 M4 16.09 dBV/m
Grid 4 M4 16.17 dBV/m	Grid 5 M4 14.35 dBV/m	Grid 6 M4 13.53 dBV/m
Grid 7 M4 16.4 dBV/m	Grid 8 M4 14.23 dBV/m	Grid 9 M4 13.92 dBV/m



0 dB = 6.606 V/m = 16.40 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 = 8.515 V/m; Power Drift = -0.01 dB

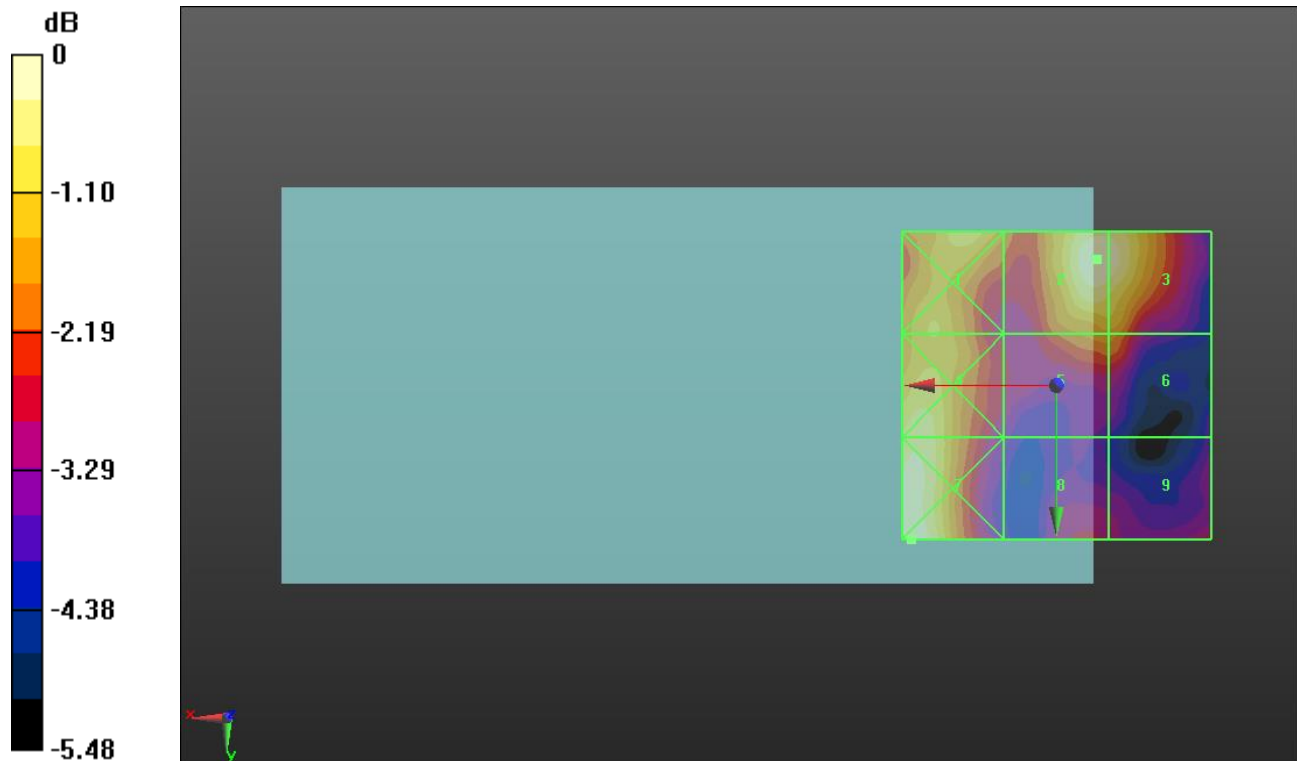
Applied MIF = -3.15 dB

RF audio interference level = 16.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.6 dBV/m	Grid 2 M4 16.26 dBV/m	Grid 3 M4 16.16 dBV/m
Grid 4 M4 15.84 dBV/m	Grid 5 M4 14.76 dBV/m	Grid 6 M4 14.74 dBV/m
Grid 7 M4 16.29 dBV/m	Grid 8 M4 13.46 dBV/m	Grid 9 M4 13.51 dBV/m



0 dB = 6.526 V/m = 16.29 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 = 7.994 V/m; Power Drift = 0.03 dB

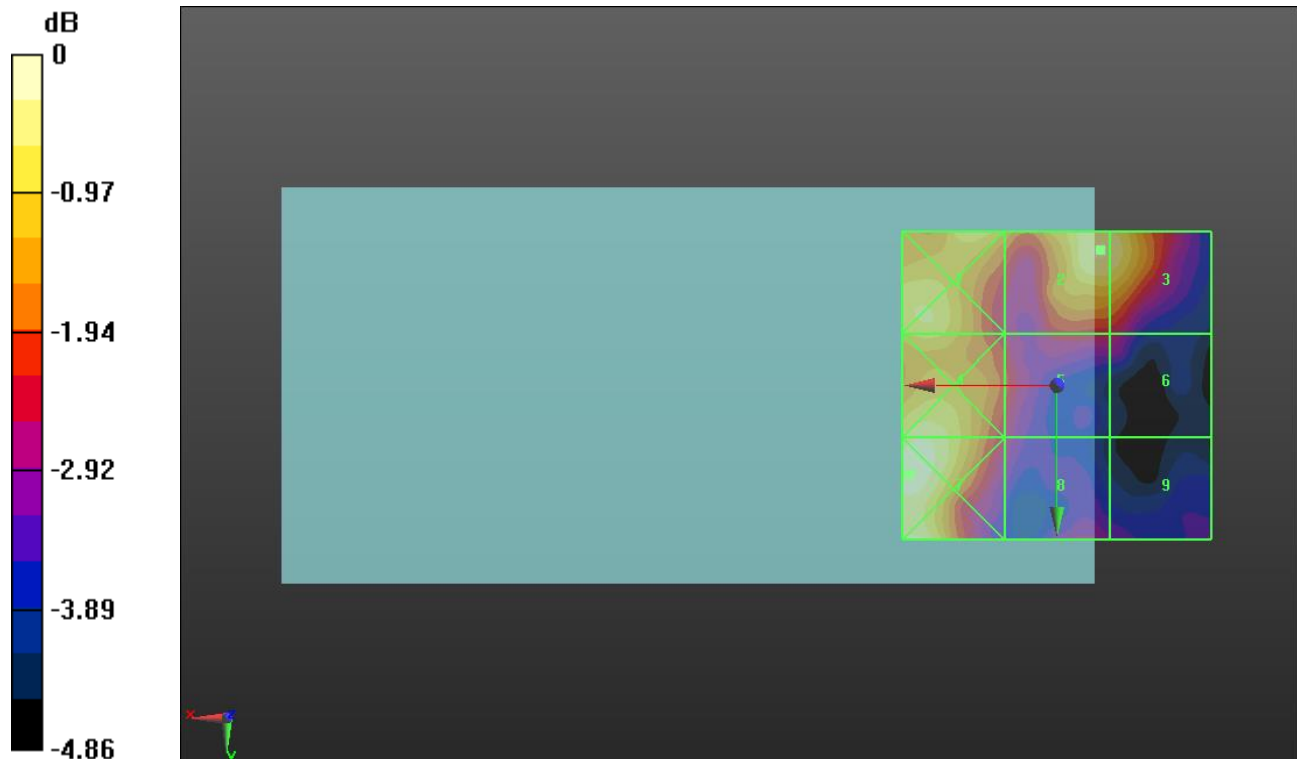
Applied MIF = -3.15 dB

RF audio interference level = 15.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.48 dBV/m	Grid 2 M4 15.8 dBV/m	Grid 3 M4 15.74 dBV/m
Grid 4 M4 15.76 dBV/m	Grid 5 M4 13.99 dBV/m	Grid 6 M4 13.6 dBV/m
Grid 7 M4 16.09 dBV/m	Grid 8 M4 13.52 dBV/m	Grid 9 M4 12.97 dBV/m



0 dB = 6.372 V/m = 16.09 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 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 = 13.04 V/m; Power Drift = 0.12 dB

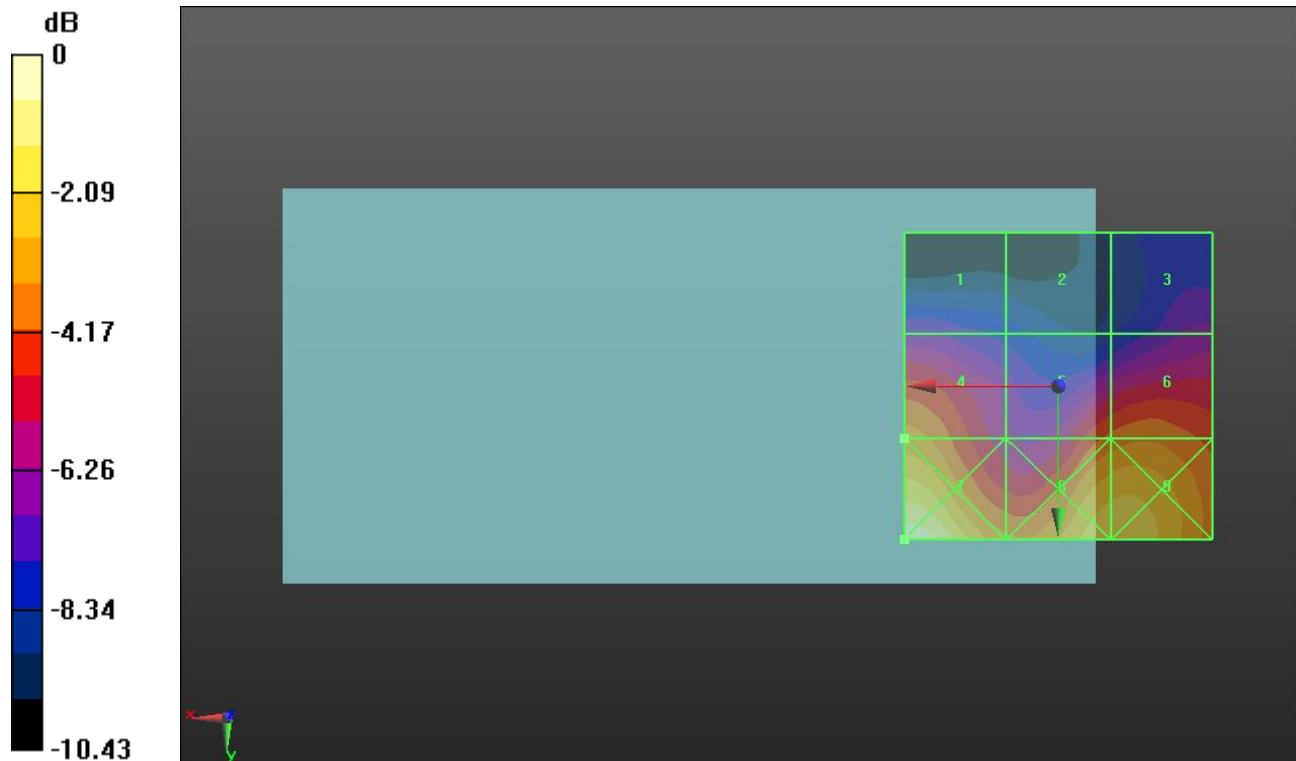
Applied MIF = -1.44 dB

RF audio interference level = 23.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.21 dBV/m	Grid 2 M4 19.15 dBV/m	Grid 3 M4 20.32 dBV/m
Grid 4 M4 23.87 dBV/m	Grid 5 M4 23.11 dBV/m	Grid 6 M4 23.48 dBV/m
Grid 7 M4 27.04 dBV/m	Grid 8 M4 25.48 dBV/m	Grid 9 M4 25.49 dBV/m



0 dB = 22.50 V/m = 27.04 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 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 = 9.687 V/m; Power Drift = -0.01 dB

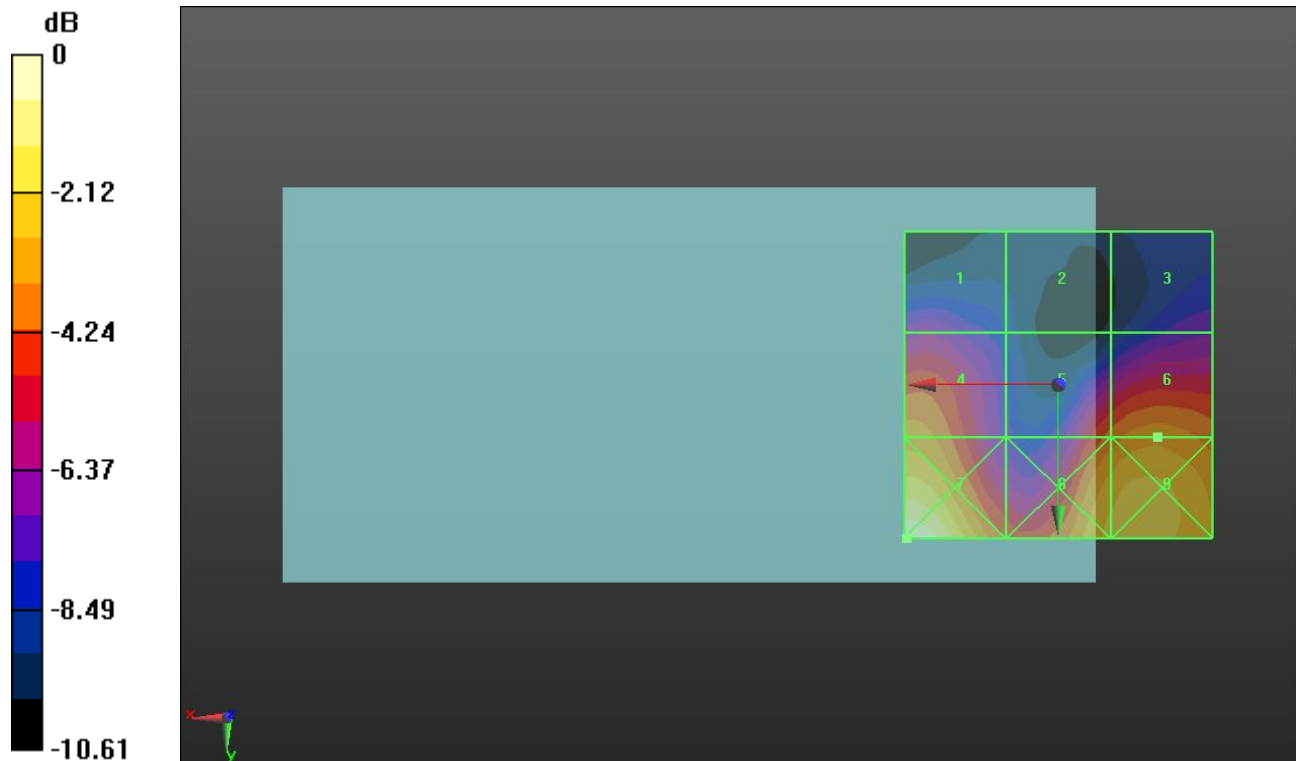
Applied MIF = -1.44 dB

RF audio interference level = 23.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.51 dBV/m	Grid 2 M4 18.41 dBV/m	Grid 3 M4 19.76 dBV/m
Grid 4 M4 23.77 dBV/m	Grid 5 M4 22.98 dBV/m	Grid 6 M4 23.83 dBV/m
Grid 7 M4 26.92 dBV/m	Grid 8 M4 25.02 dBV/m	Grid 9 M4 25.29 dBV/m



0 dB = 22.17 V/m = 26.92 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 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 = 11.43 V/m; Power Drift = -0.16 dB

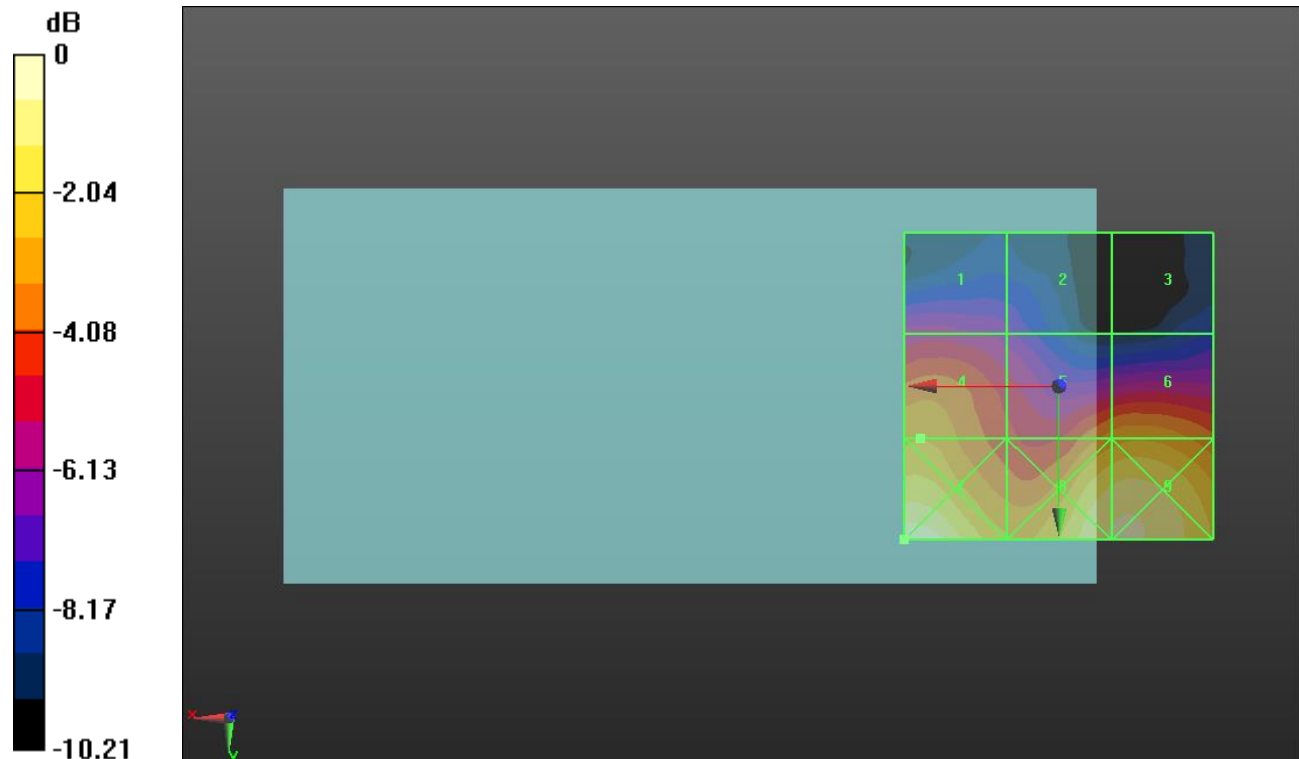
Applied MIF = -1.44 dB

RF audio interference level = 22.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.67 dBV/m	Grid 2 M4 18.88 dBV/m	Grid 3 M4 17.44 dBV/m
Grid 4 M4 22.62 dBV/m	Grid 5 M4 22.27 dBV/m	Grid 6 M4 22.56 dBV/m
Grid 7 M4 25.35 dBV/m	Grid 8 M4 24.75 dBV/m	Grid 9 M4 24.83 dBV/m



0 dB = 18.52 V/m = 25.35 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 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 = 9.749 V/m; Power Drift = -0.08 dB

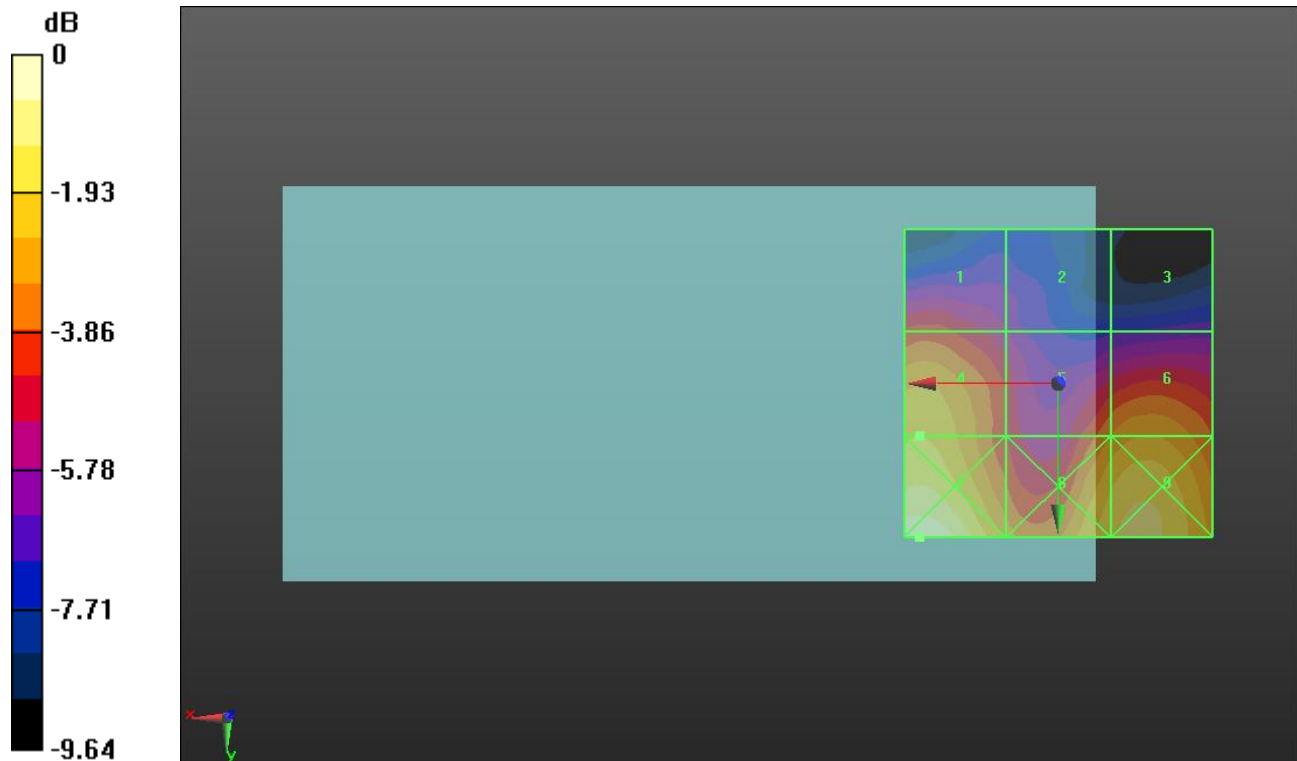
Applied MIF = -1.44 dB

RF audio interference level = 22.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.72 dBV/m	Grid 2 M4 19.21 dBV/m	Grid 3 M4 18.22 dBV/m
Grid 4 M4 22.97 dBV/m	Grid 5 M4 21.71 dBV/m	Grid 6 M4 22.36 dBV/m
Grid 7 M4 24.9 dBV/m	Grid 8 M4 23.52 dBV/m	Grid 9 M4 23.85 dBV/m



0 dB = 17.58 V/m = 24.90 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 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 = 35.05 V/m; Power Drift = -0.02 dB

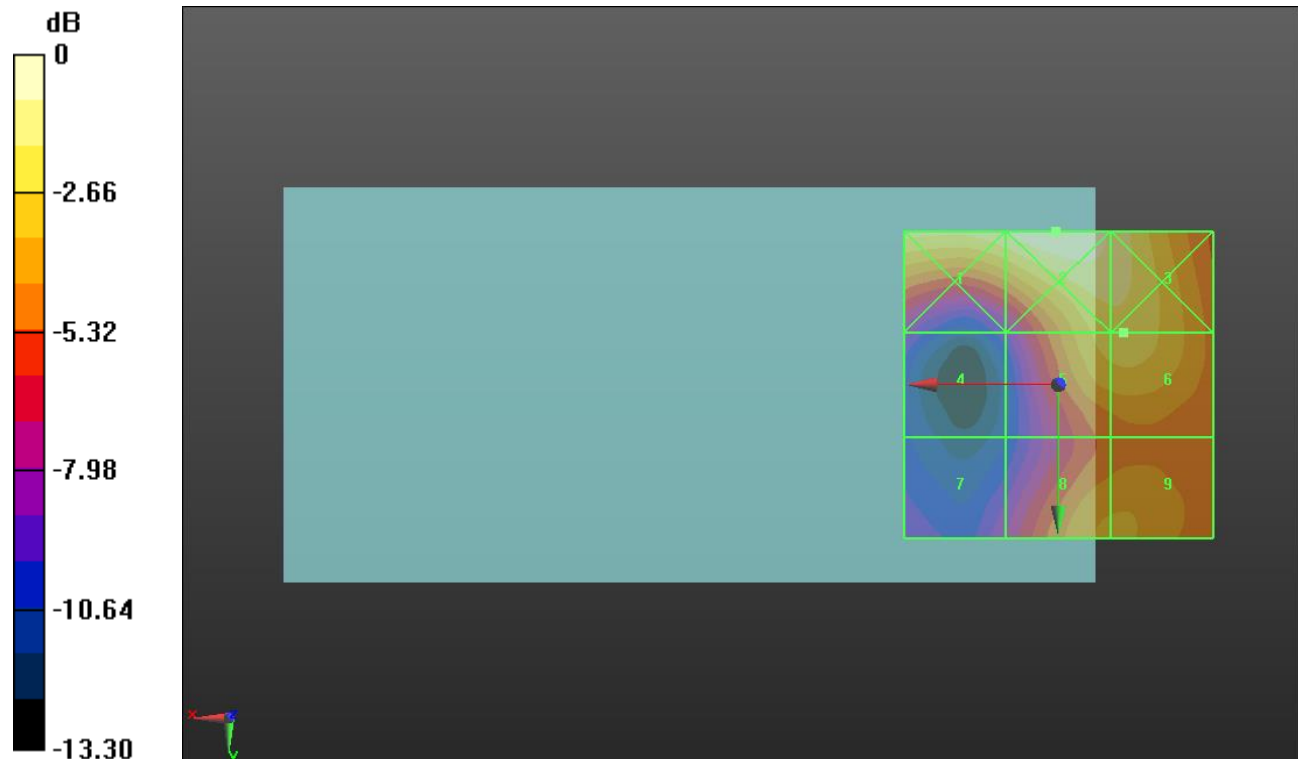
Applied MIF = -1.44 dB

RF audio interference level = 28.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 30.04 dBV/m	Grid 2 M3 30.82 dBV/m	Grid 3 M4 29.81 dBV/m
Grid 4 M4 22.51 dBV/m	Grid 5 M4 28.66 dBV/m	Grid 6 M4 28.74 dBV/m
Grid 7 M4 22.91 dBV/m	Grid 8 M4 27.42 dBV/m	Grid 9 M4 27.43 dBV/m



0 dB = 34.76 V/m = 30.82 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 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 = 35.80 V/m; Power Drift = -0.03 dB

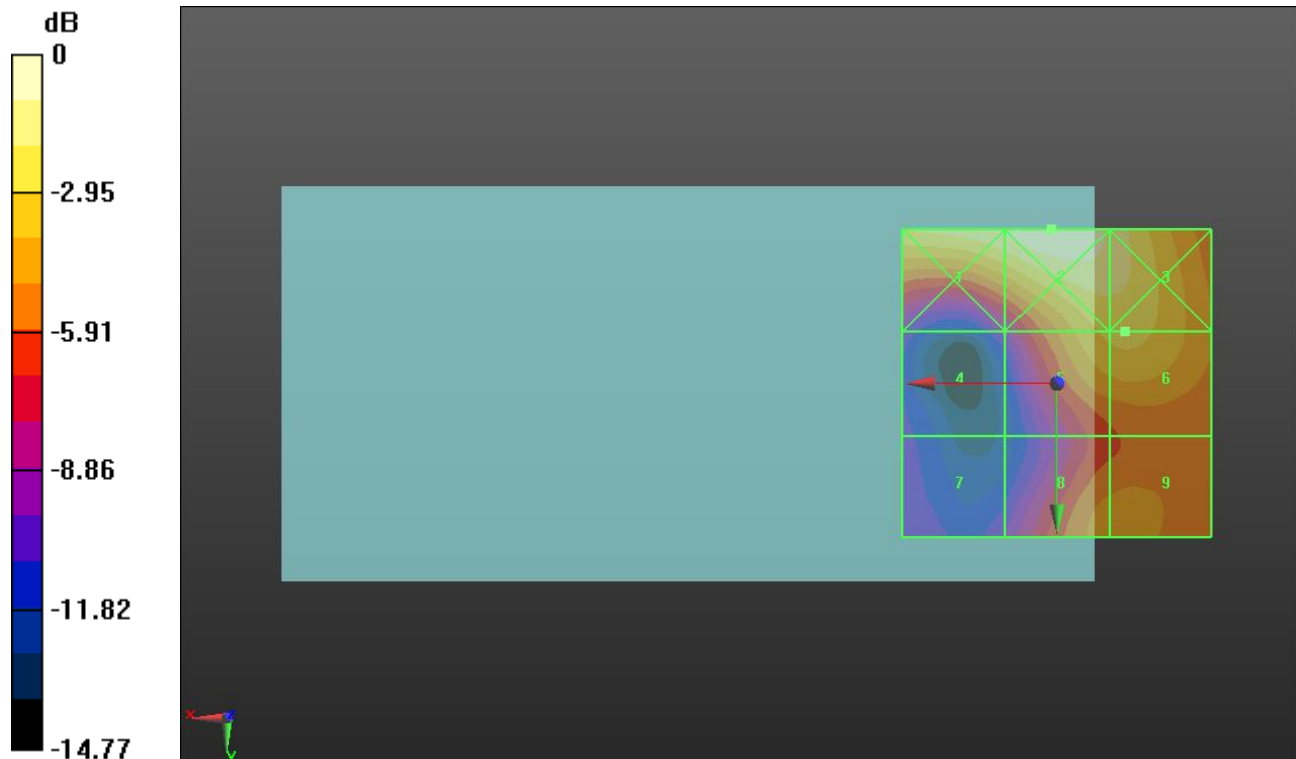
Applied MIF = -1.44 dB

RF audio interference level = 28.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.52 dBV/m	Grid 2 M3 31.2 dBV/m	Grid 3 M3 30.04 dBV/m
Grid 4 M4 22.05 dBV/m	Grid 5 M4 28.49 dBV/m	Grid 6 M4 28.59 dBV/m
Grid 7 M4 21.48 dBV/m	Grid 8 M4 26.75 dBV/m	Grid 9 M4 26.82 dBV/m



0 dB = 36.29 V/m = 31.20 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 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 = 35.91 V/m; Power Drift = -0.05 dB

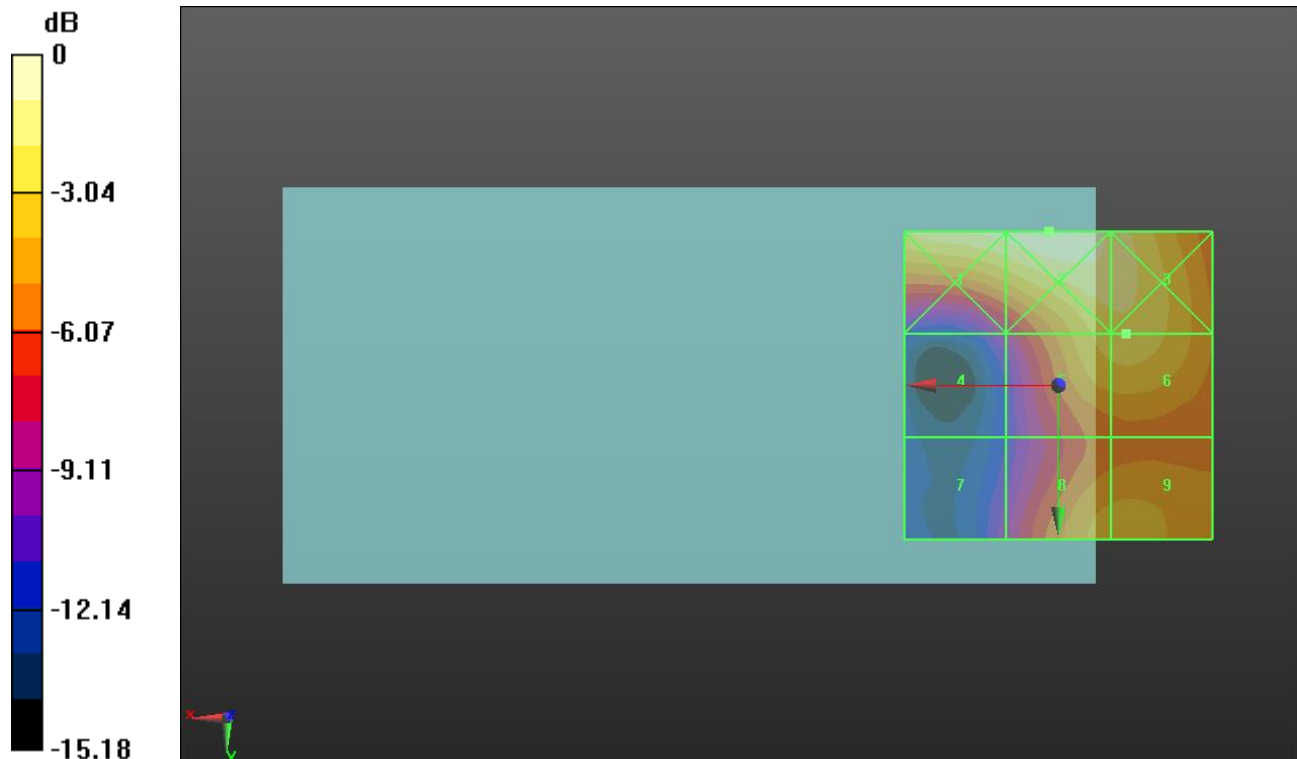
Applied MIF = -1.44 dB

RF audio interference level = 28.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 30.51 dBV/m	Grid 2 M3 31.02 dBV/m	Grid 3 M4 29.8 dBV/m
Grid 4 M4 22.47 dBV/m	Grid 5 M4 28.57 dBV/m	Grid 6 M4 28.69 dBV/m
Grid 7 M4 21.74 dBV/m	Grid 8 M4 27.43 dBV/m	Grid 9 M4 27.49 dBV/m



0 dB = 35.55 V/m = 31.02 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 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 = 35.88 V/m; Power Drift = -0.08 dB

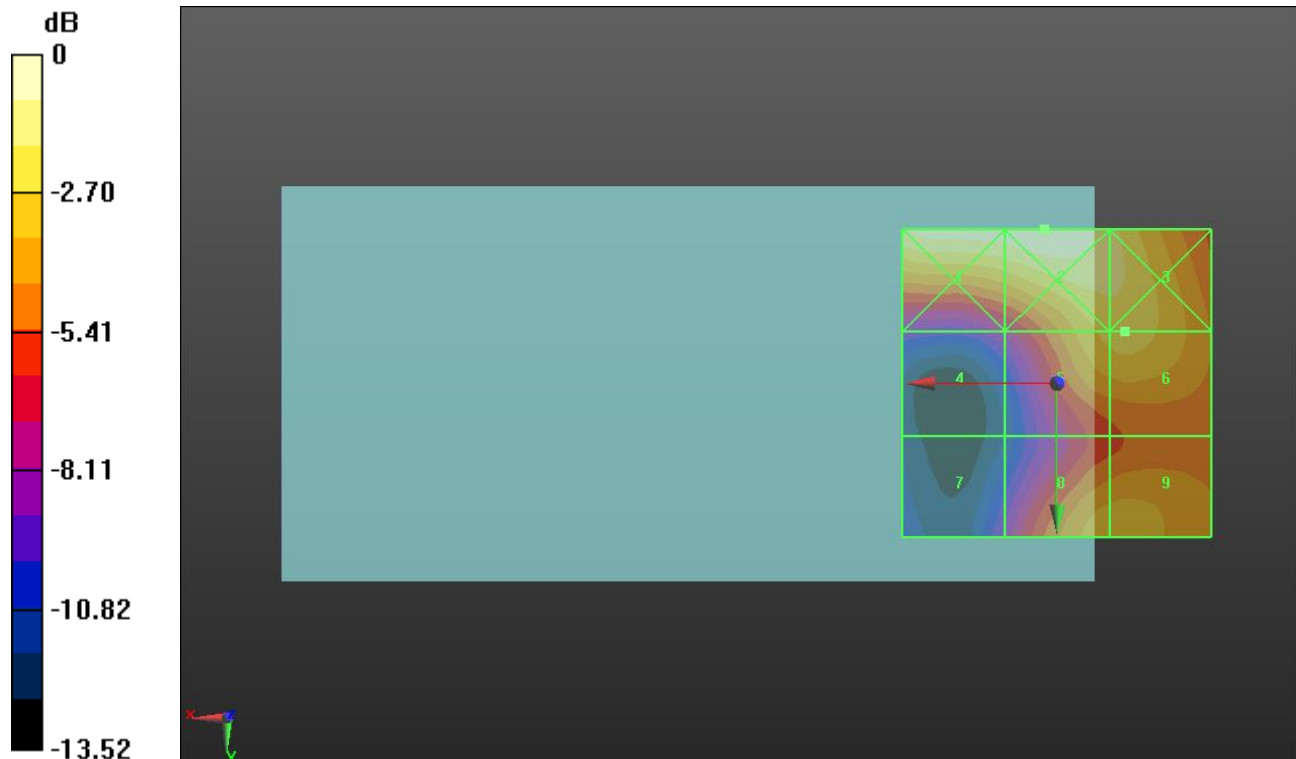
Applied MIF = -1.44 dB

RF audio interference level = 28.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 30.55 dBV/m	Grid 2 M3 30.77 dBV/m	Grid 3 M4 29.4 dBV/m
Grid 4 M4 23.08 dBV/m	Grid 5 M4 28.39 dBV/m	Grid 6 M4 28.52 dBV/m
Grid 7 M4 22.09 dBV/m	Grid 8 M4 27.73 dBV/m	Grid 9 M4 27.76 dBV/m



0 dB = 34.55 V/m = 30.77 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 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 = 14.60 V/m; Power Drift = -0.07 dB

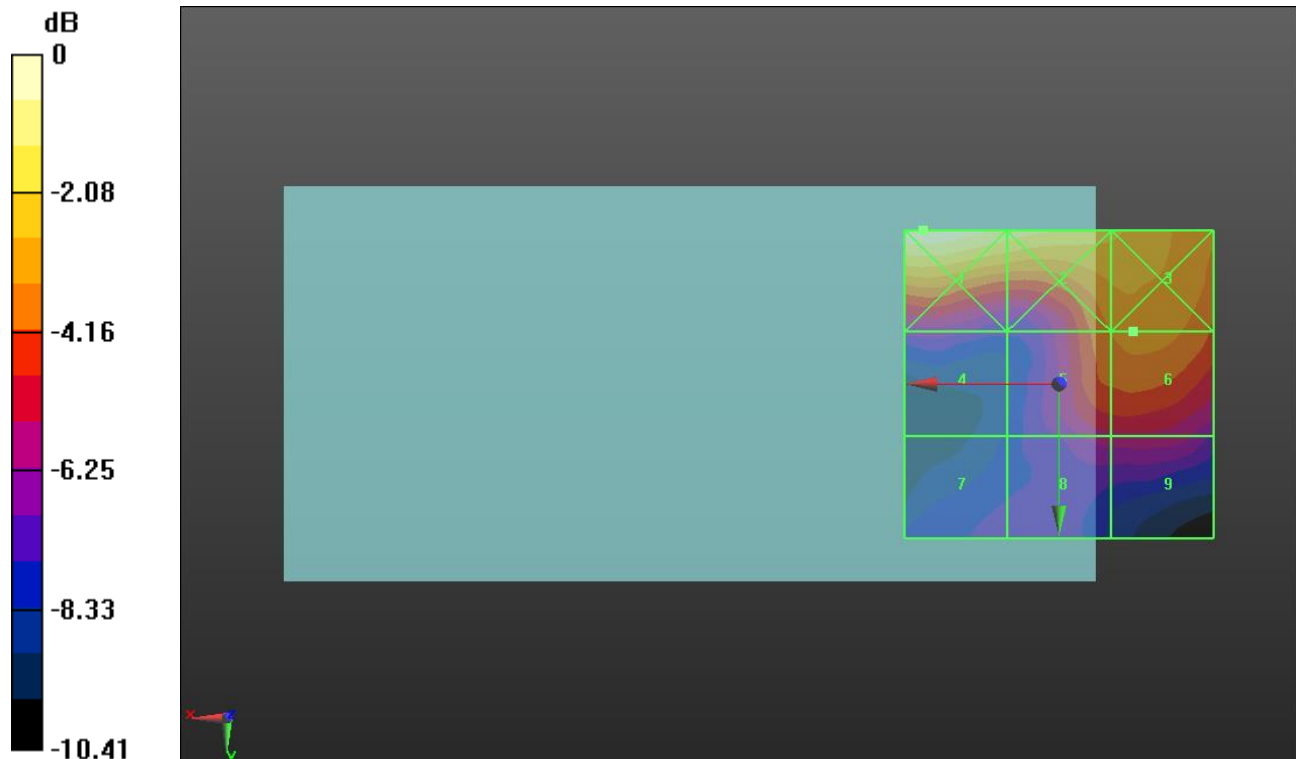
Applied MIF = -1.44 dB

RF audio interference level = 21.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.3 dBV/m	Grid 2 M4 23.41 dBV/m	Grid 3 M4 22.35 dBV/m
Grid 4 M4 17.78 dBV/m	Grid 5 M4 20.88 dBV/m	Grid 6 M4 21.16 dBV/m
Grid 7 M4 17.29 dBV/m	Grid 8 M4 18.51 dBV/m	Grid 9 M4 18.62 dBV/m



0 dB = 16.40 V/m = 24.30 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 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 = 13.75 V/m; Power Drift = 0.05 dB

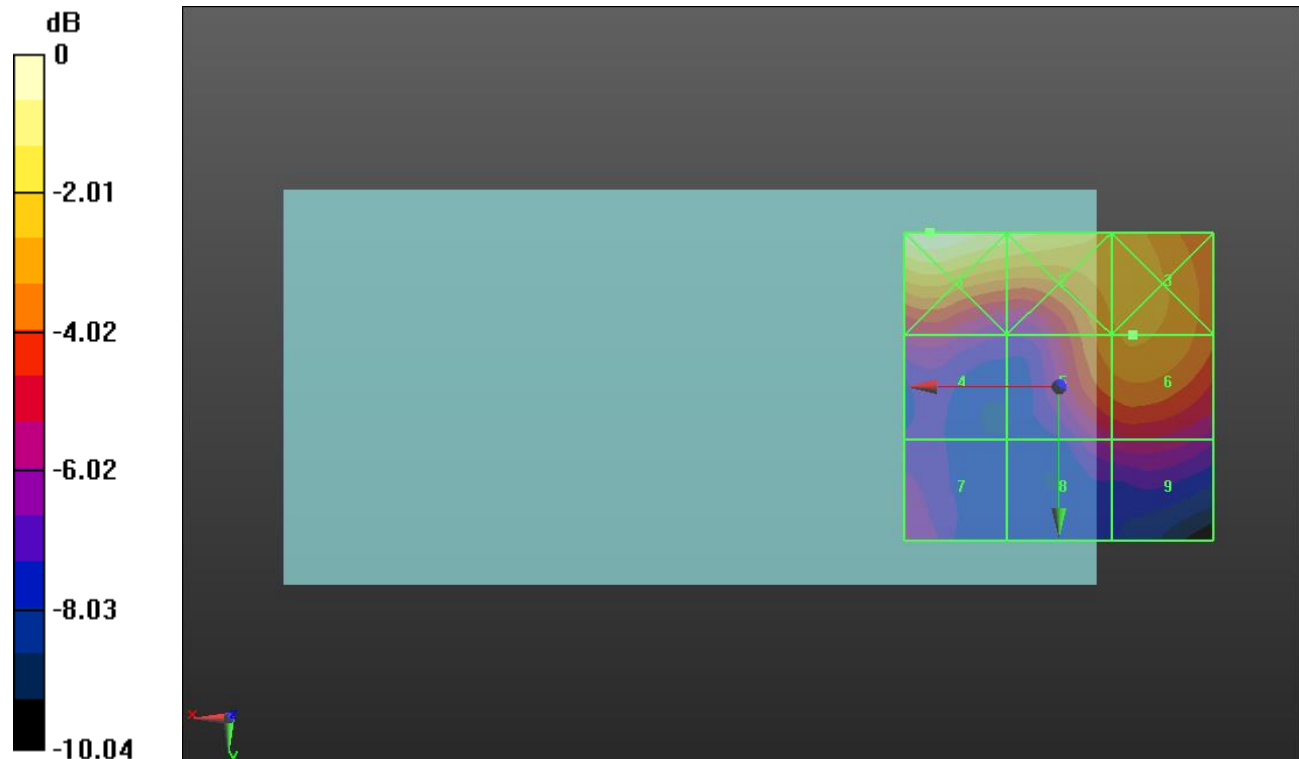
Applied MIF = -1.44 dB

RF audio interference level = 22.11 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.66 dBV/m	Grid 2 M4 23.71 dBV/m	Grid 3 M4 22.51 dBV/m
Grid 4 M4 19.35 dBV/m	Grid 5 M4 21.85 dBV/m	Grid 6 M4 22.11 dBV/m
Grid 7 M4 18.83 dBV/m	Grid 8 M4 19.02 dBV/m	Grid 9 M4 19.3 dBV/m



0 dB = 17.11 V/m = 24.67 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 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 = 12.43 V/m; Power Drift = -0.01 dB

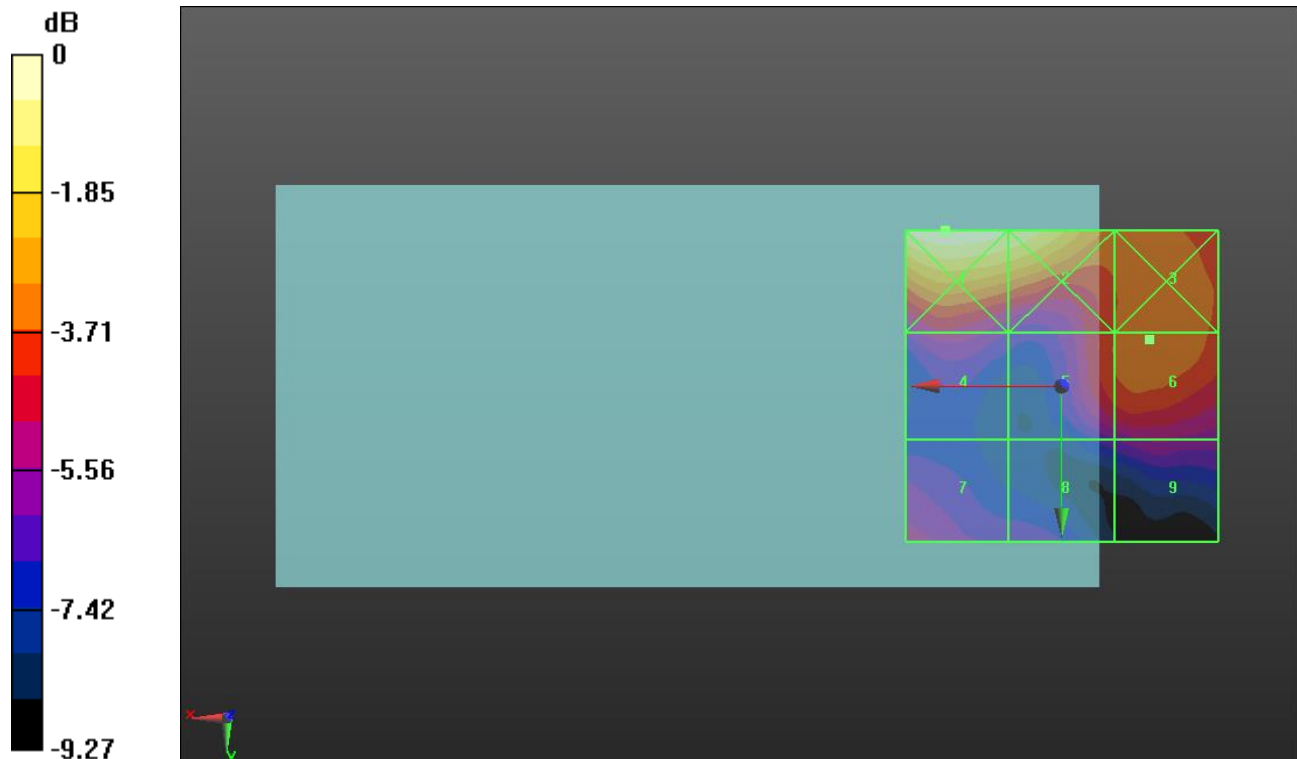
Applied MIF = -1.44 dB

RF audio interference level = 21.04 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.19 dBV/m	Grid 2 M4 23.63 dBV/m	Grid 3 M4 21.03 dBV/m
Grid 4 M4 19.13 dBV/m	Grid 5 M4 20.59 dBV/m	Grid 6 M4 21.04 dBV/m
Grid 7 M4 19.04 dBV/m	Grid 8 M4 18.06 dBV/m	Grid 9 M4 18.82 dBV/m



0 dB = 16.20 V/m = 24.19 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 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 = 15.03 V/m; Power Drift = -0.05 dB

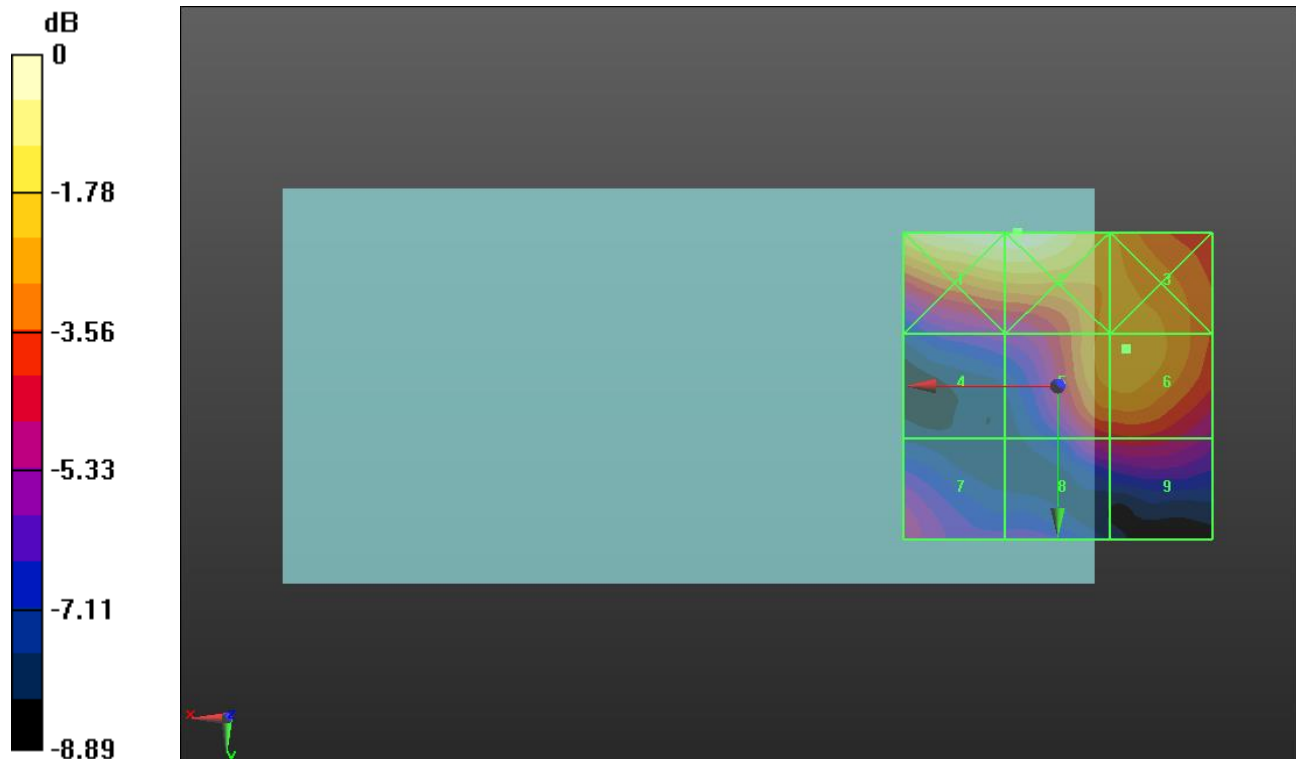
Applied MIF = -1.44 dB

RF audio interference level = 22.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.76 dBV/m	Grid 2 M4 23.81 dBV/m	Grid 3 M4 21.96 dBV/m
Grid 4 M4 18.39 dBV/m	Grid 5 M4 21.87 dBV/m	Grid 6 M4 22.02 dBV/m
Grid 7 M4 19.12 dBV/m	Grid 8 M4 19.37 dBV/m	Grid 9 M4 19.58 dBV/m



0 dB = 15.50 V/m = 23.81 dBV/m