

HAC-RF Emission (LAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM850 E-Field measurement/Voice_ch 128/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 53.78 V/m; Power Drift = 0.23 dB

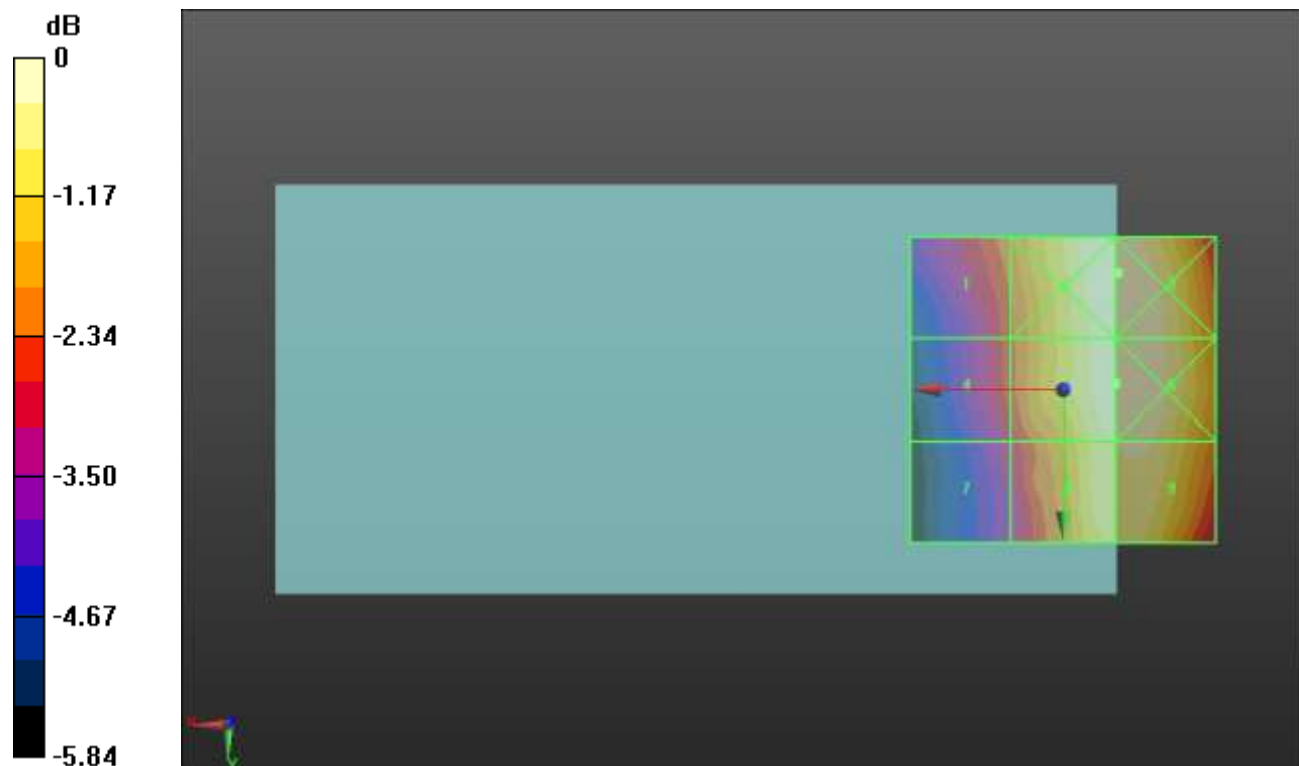
Applied MIF = 3.63 dB

RF audio interference level = 36.89 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35 dBV/m	Grid 2 M4 36.95 dBV/m	Grid 3 M4 36.96 dBV/m
Grid 4 M4 34.54 dBV/m	Grid 5 M4 36.89 dBV/m	Grid 6 M4 36.95 dBV/m
Grid 7 M4 33.99 dBV/m	Grid 8 M4 36.59 dBV/m	Grid 9 M4 36.66 dBV/m



0 dB = 70.47 V/m = 36.96 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM850 E-Field measurement/Voice_ch 190/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 57.69 V/m; Power Drift = -0.10 dB

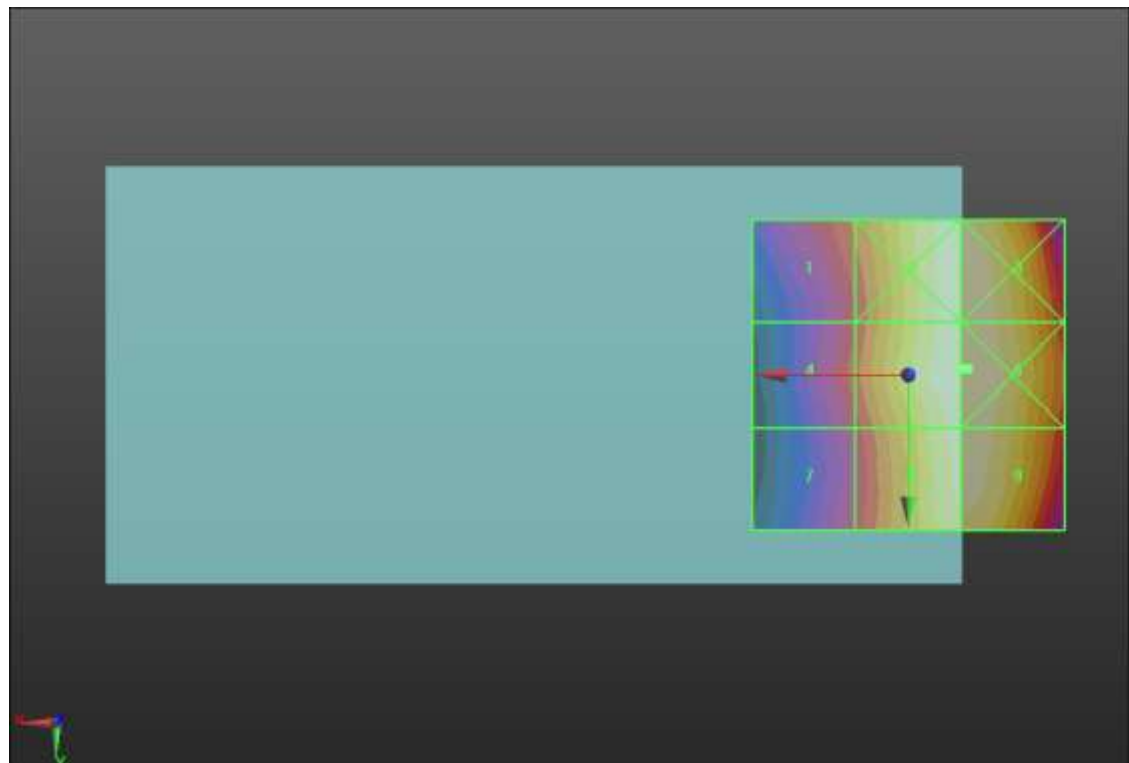
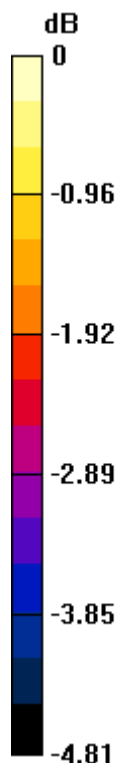
Applied MIF = 3.63 dB

RF audio interference level = 37.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.18 dBV/m	Grid 2 M4 36.94 dBV/m	Grid 3 M4 36.95 dBV/m
Grid 4 M4 34.99 dBV/m	Grid 5 M4 37.01 dBV/m	Grid 6 M4 37.02 dBV/m
Grid 7 M4 34.63 dBV/m	Grid 8 M4 36.82 dBV/m	Grid 9 M4 36.83 dBV/m



0 dB = 70.94 V/m = 37.02 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM850 E-Field measurement/Voice_ch 251/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 57.49 V/m; Power Drift = -0.47 dB

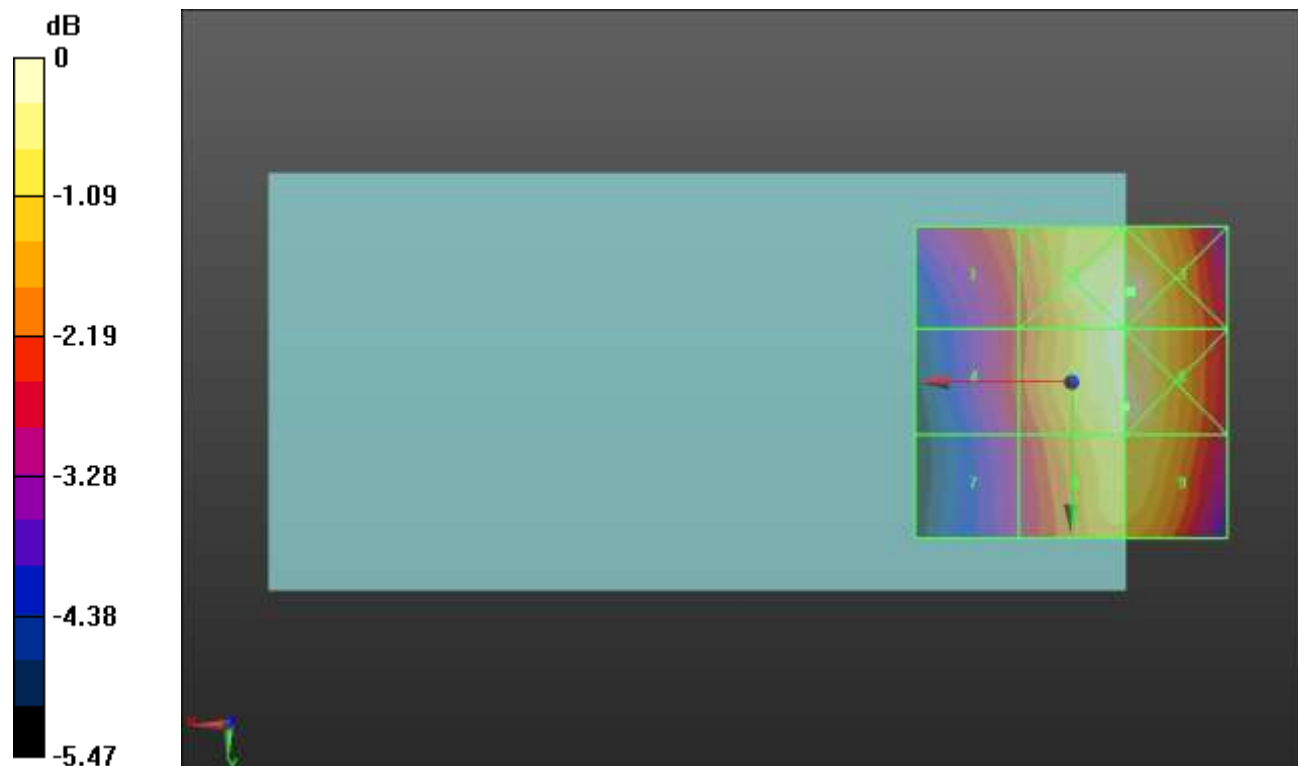
Applied MIF = 3.63 dB

RF audio interference level = 36.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.91 dBV/m	Grid 2 M4 36.8 dBV/m	Grid 3 M4 36.87 dBV/m
Grid 4 M4 34.55 dBV/m	Grid 5 M4 36.59 dBV/m	Grid 6 M4 36.63 dBV/m
Grid 7 M4 34.08 dBV/m	Grid 8 M4 36.19 dBV/m	Grid 9 M4 36.19 dBV/m



0 dB = 69.75 V/m = 36.87 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.63 V/m; Power Drift = -0.31 dB

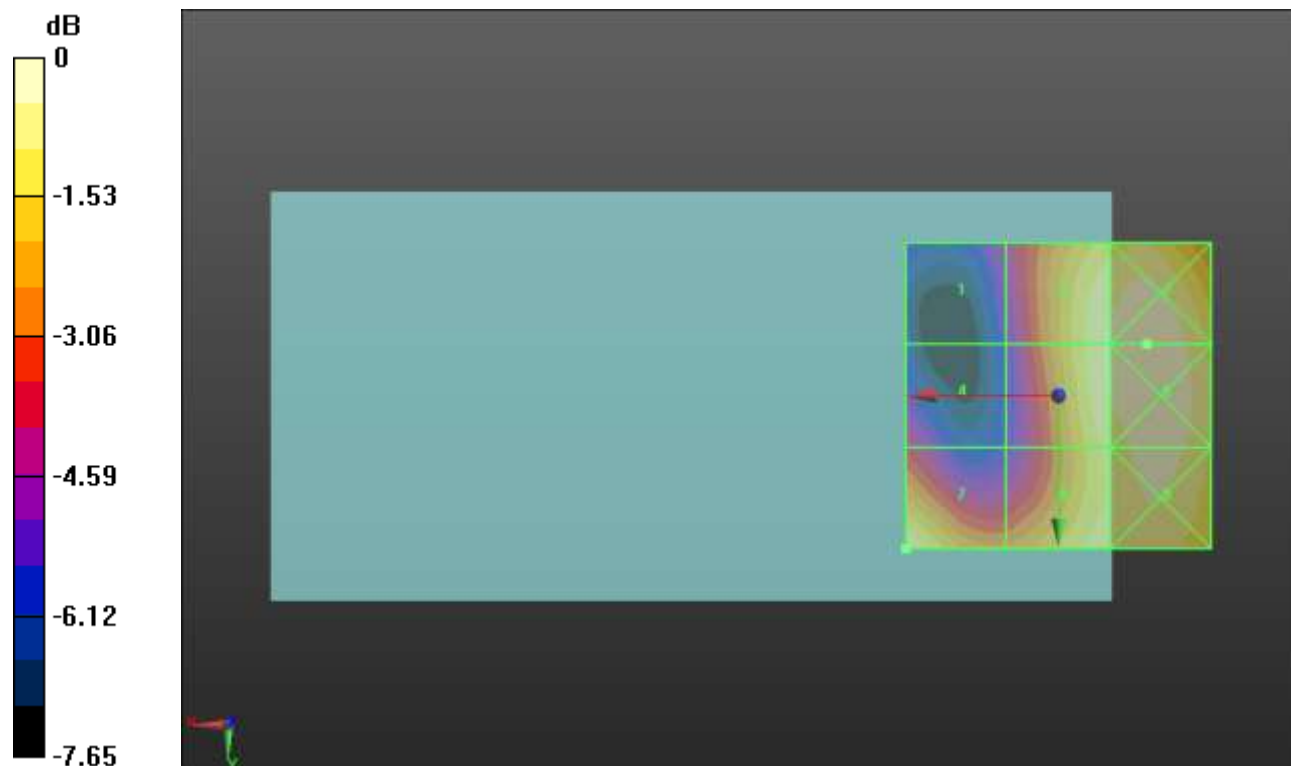
Applied MIF = 3.63 dB

RF audio interference level = 31.51 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.46 dBV/m	Grid 2 M3 31.41 dBV/m	Grid 3 M3 31.82 dBV/m
Grid 4 M4 28.14 dBV/m	Grid 5 M3 31.42 dBV/m	Grid 6 M3 31.82 dBV/m
Grid 7 M3 31.51 dBV/m	Grid 8 M3 31.17 dBV/m	Grid 9 M3 31.58 dBV/m



0 dB = 39.00 V/m = 31.82 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.64 V/m; Power Drift = 0.20 dB

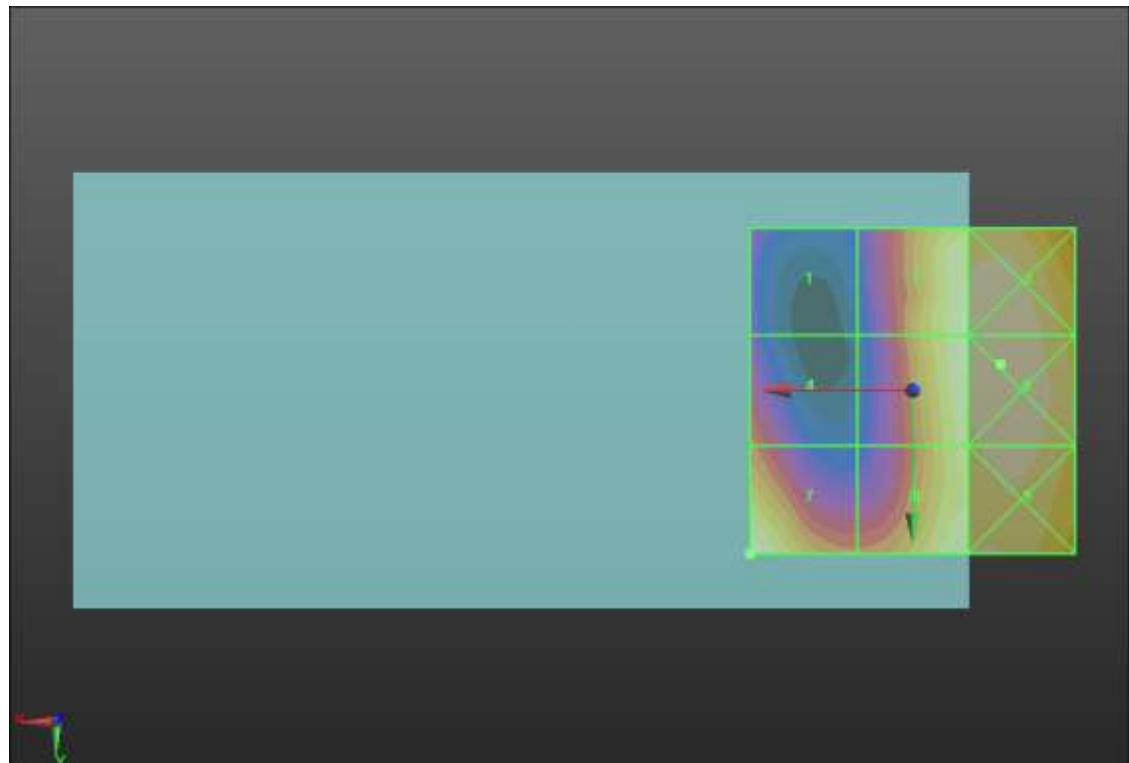
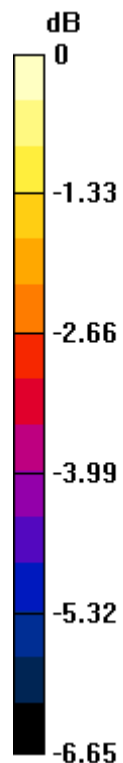
Applied MIF = 3.63 dB

RF audio interference level = 32.06 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.09 dBV/m	Grid 2 M3 31.78 dBV/m	Grid 3 M3 32.06 dBV/m
Grid 4 M4 29.69 dBV/m	Grid 5 M3 31.79 dBV/m	Grid 6 M3 32.08 dBV/m
Grid 7 M3 32.06 dBV/m	Grid 8 M3 31.69 dBV/m	Grid 9 M3 31.83 dBV/m



0 dB = 40.20 V/m = 32.08 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 22.41 V/m; Power Drift = 0.07 dB

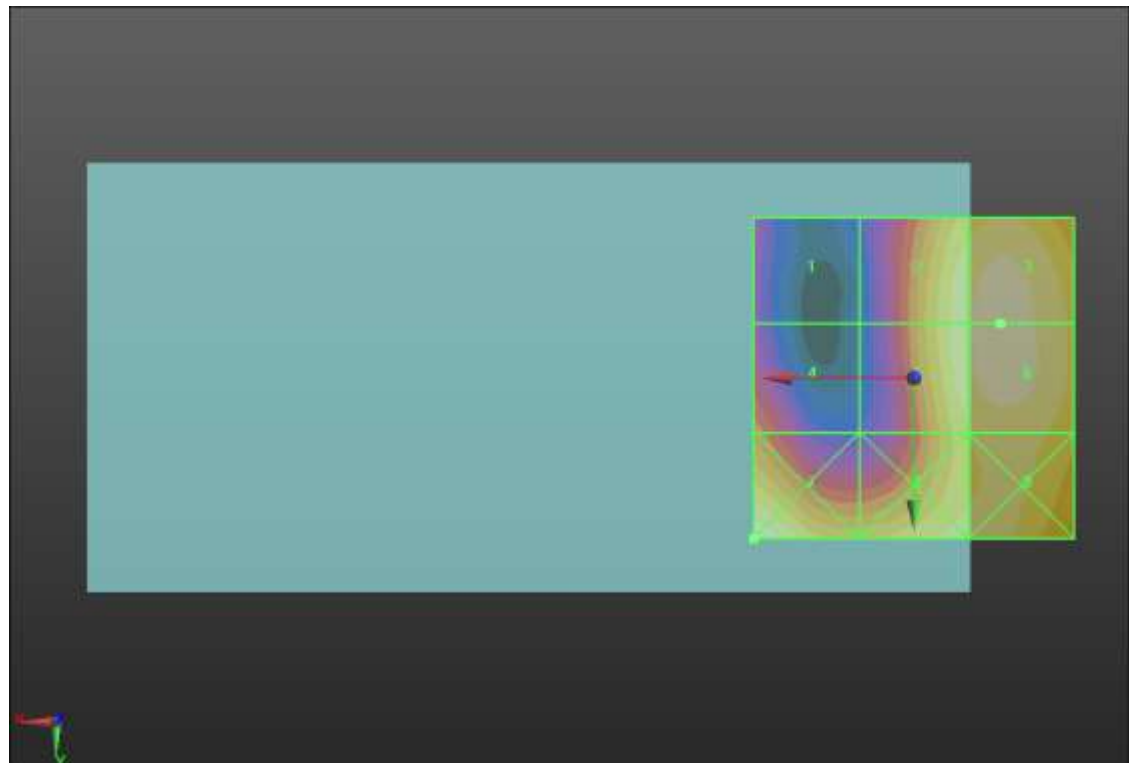
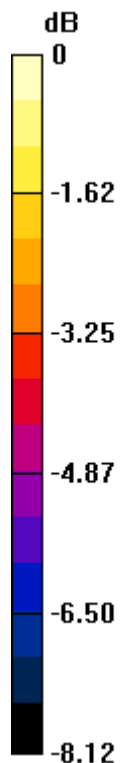
Applied MIF = 3.63 dB

RF audio interference level = 31.53 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 27.61 dBV/m	Grid 2 M3 31.21 dBV/m	Grid 3 M3 31.53 dBV/m
Grid 4 M4 28.94 dBV/m	Grid 5 M3 31.22 dBV/m	Grid 6 M3 31.53 dBV/m
Grid 7 M3 31.8 dBV/m	Grid 8 M3 31.03 dBV/m	Grid 9 M3 31.08 dBV/m



0 dB = 38.89 V/m = 31.80 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC0 E-Field measurement/RC1_SO3_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 = 25.61 V/m; Power Drift = 0.12 dB

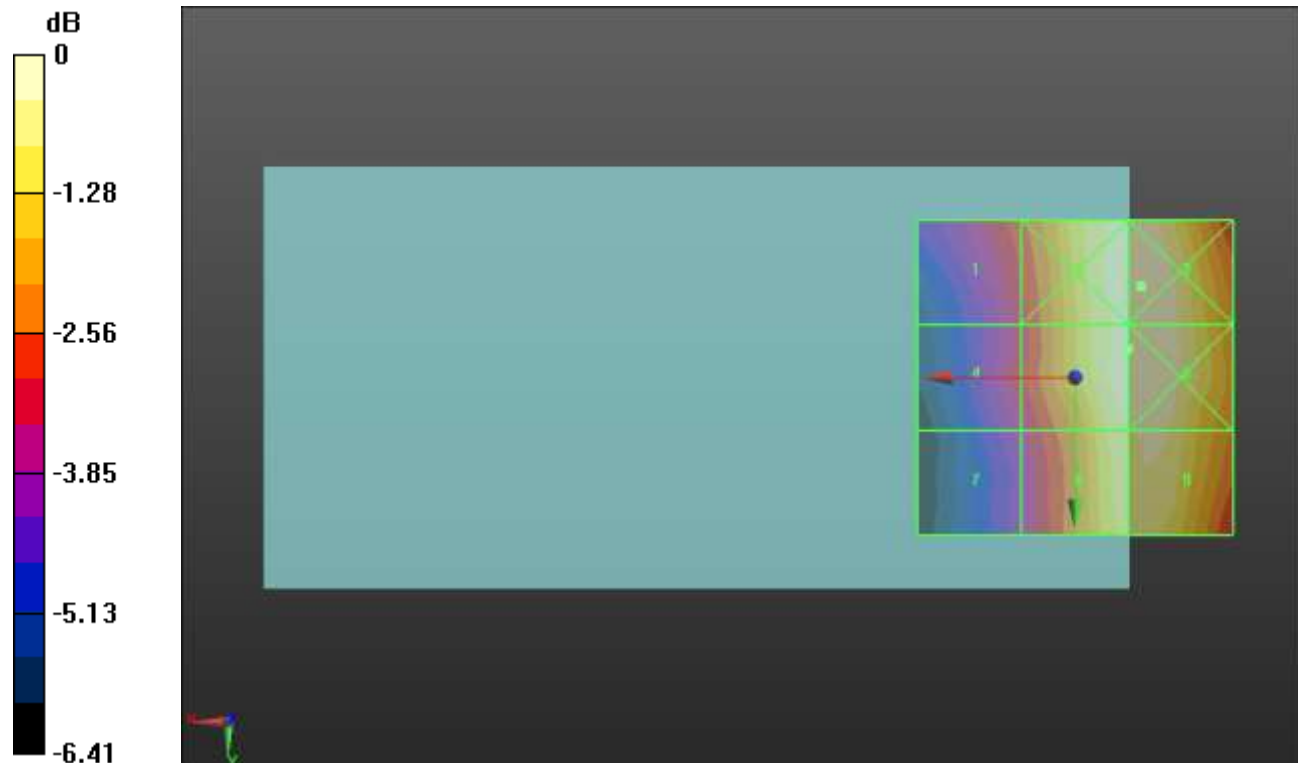
Applied MIF = 3.26 dB

RF audio interference level = 30.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.11 dBV/m	Grid 2 M4 30.65 dBV/m	Grid 3 M4 30.7 dBV/m
Grid 4 M4 27.66 dBV/m	Grid 5 M4 30.59 dBV/m	Grid 6 M4 30.68 dBV/m
Grid 7 M4 27.07 dBV/m	Grid 8 M4 30.27 dBV/m	Grid 9 M4 30.38 dBV/m



0 dB = 34.30 V/m = 30.71 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 831.99 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 831.99 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

CDMA BC0 E-Field measurement/RC1_SO3_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 = 27.99 V/m; Power Drift = -0.02 dB

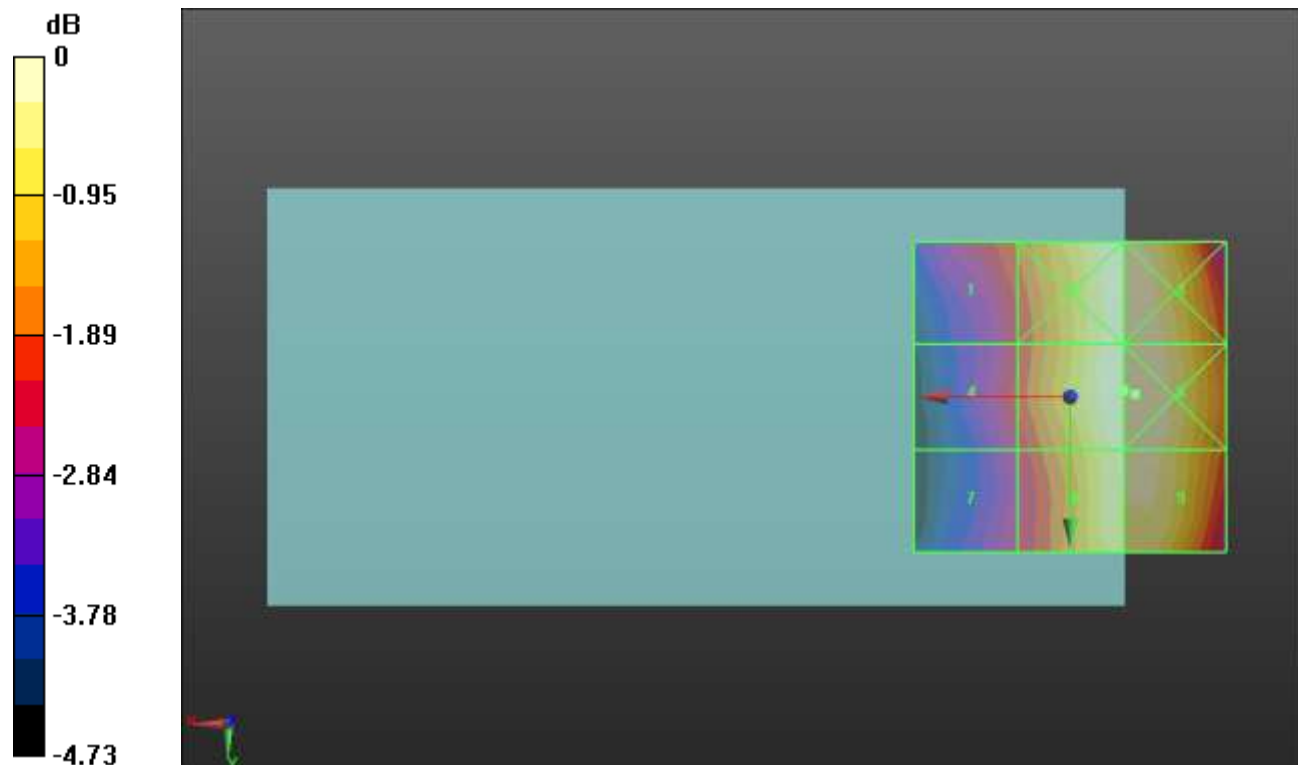
Applied MIF = 3.26 dB

RF audio interference level = 30.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.71 dBV/m	Grid 2 M4 30.53 dBV/m	Grid 3 M4 30.55 dBV/m
Grid 4 M4 28.45 dBV/m	Grid 5 M4 30.53 dBV/m	Grid 6 M4 30.56 dBV/m
Grid 7 M4 28.1 dBV/m	Grid 8 M4 30.37 dBV/m	Grid 9 M4 30.44 dBV/m



0 dB = 33.73 V/m = 30.56 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

CDMA BC0 E-Field measurement/RC1_SO3_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 = 27.39 V/m; Power Drift = 0.26 dB

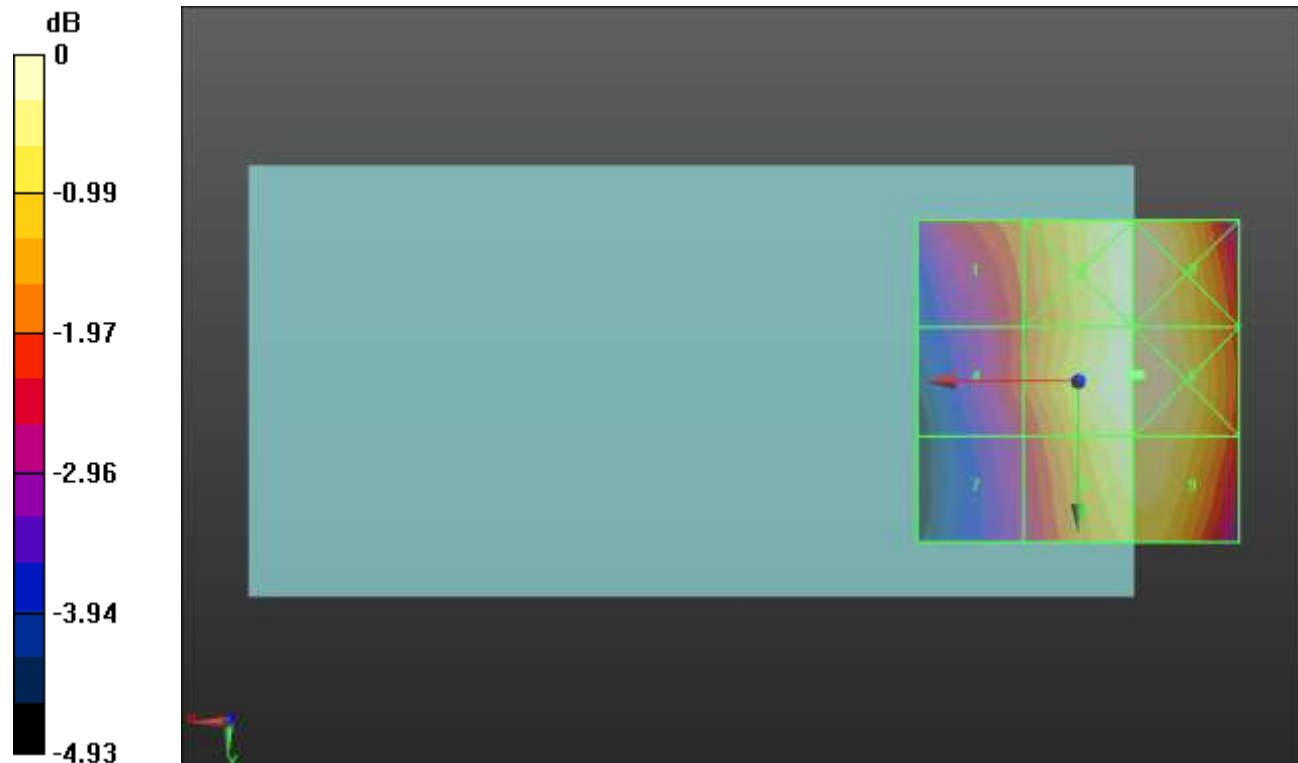
Applied MIF = 3.26 dB

RF audio interference level = 30.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.85 dBV/m	Grid 2 M4 30.34 dBV/m	Grid 3 M4 30.36 dBV/m
Grid 4 M4 28.5 dBV/m	Grid 5 M4 30.41 dBV/m	Grid 6 M4 30.43 dBV/m
Grid 7 M4 27.91 dBV/m	Grid 8 M4 30.05 dBV/m	Grid 9 M4 30.05 dBV/m



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

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC1 E-Field measurement/RC1_SO3_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 = 12.36 V/m; Power Drift = -0.33 dB

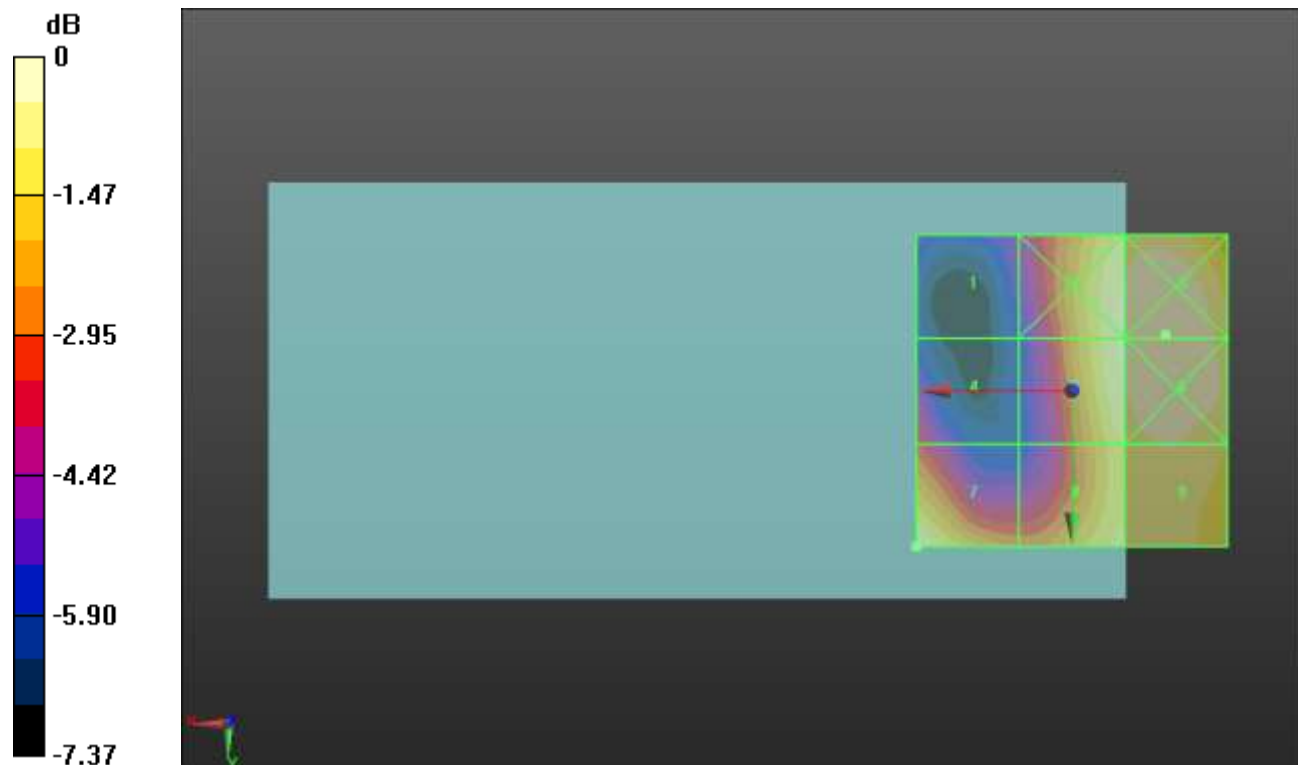
Applied MIF = 3.26 dB

RF audio interference level = 25.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.29 dBV/m	Grid 2 M4 25.57 dBV/m	Grid 3 M4 25.88 dBV/m
Grid 4 M4 22.74 dBV/m	Grid 5 M4 25.57 dBV/m	Grid 6 M4 25.88 dBV/m
Grid 7 M4 25.8 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 25.44 dBV/m



0 dB = 19.69 V/m = 25.88 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC1 E-Field measurement/RC1_SO3_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 = 12.50 V/m; Power Drift = -0.03 dB

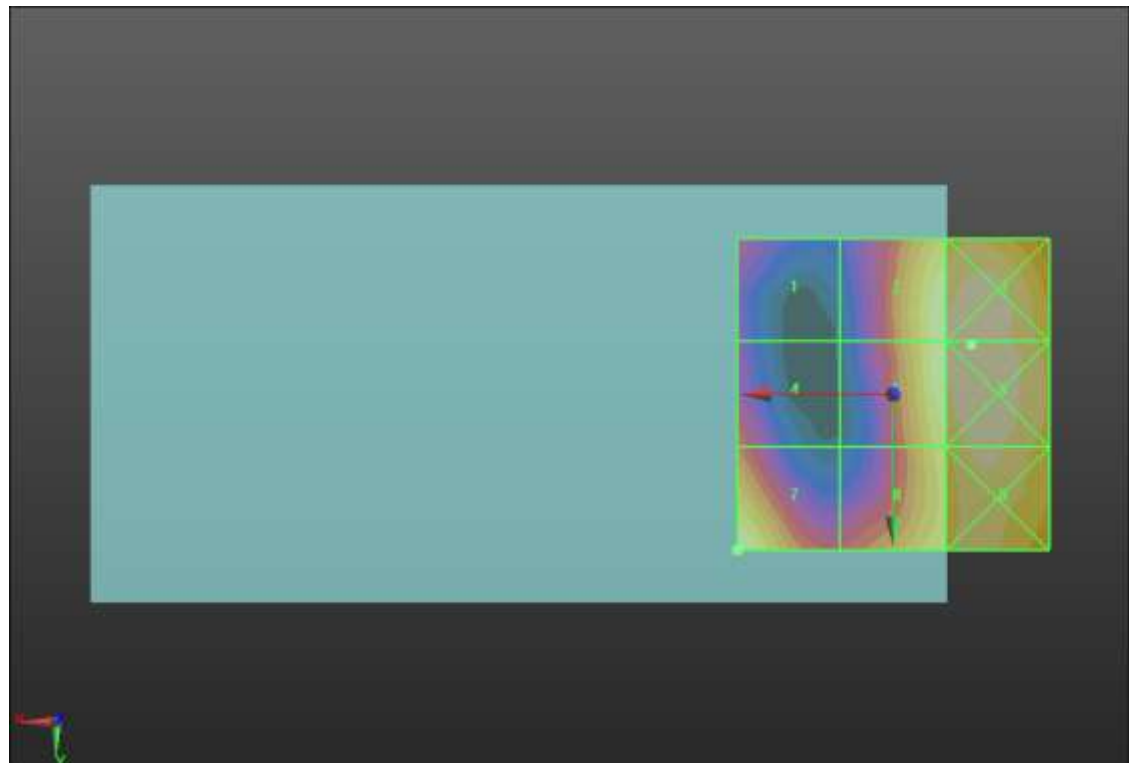
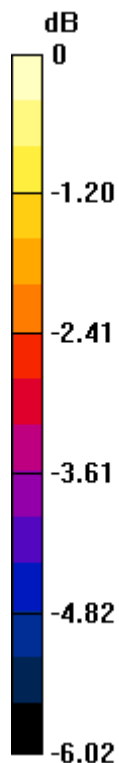
Applied MIF = 3.26 dB

RF audio interference level = 26.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.34 dBV/m	Grid 2 M4 25.98 dBV/m	Grid 3 M4 26.3 dBV/m
Grid 4 M4 23.98 dBV/m	Grid 5 M4 25.98 dBV/m	Grid 6 M4 26.3 dBV/m
Grid 7 M4 26.21 dBV/m	Grid 8 M4 25.5 dBV/m	Grid 9 M4 26.04 dBV/m



0 dB = 20.66 V/m = 26.30 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

CDMA BC1 E-Field measurement/RC1_SO3_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 = 12.32 V/m; Power Drift = 0.39 dB

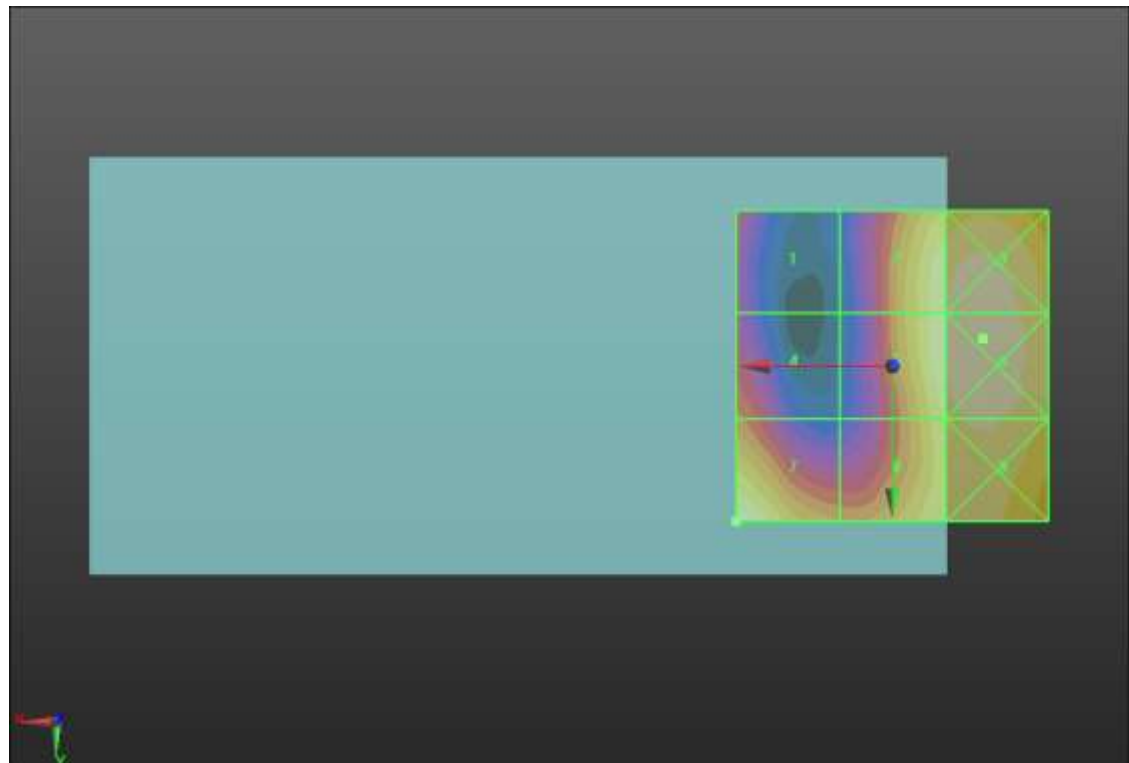
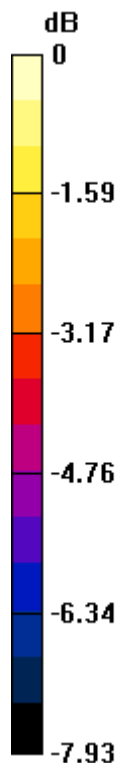
Applied MIF = 3.26 dB

RF audio interference level = 26.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.81 dBV/m	Grid 2 M4 25.91 dBV/m	Grid 3 M4 26.25 dBV/m
Grid 4 M4 23.4 dBV/m	Grid 5 M4 25.97 dBV/m	Grid 6 M4 26.39 dBV/m
Grid 7 M4 26.2 dBV/m	Grid 8 M4 25.41 dBV/m	Grid 9 M4 25.94 dBV/m



0 dB = 20.87 V/m = 26.39 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC10 E-Field measurement/RC1_SO3_ch 450/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.07 V/m; Power Drift = -0.06 dB

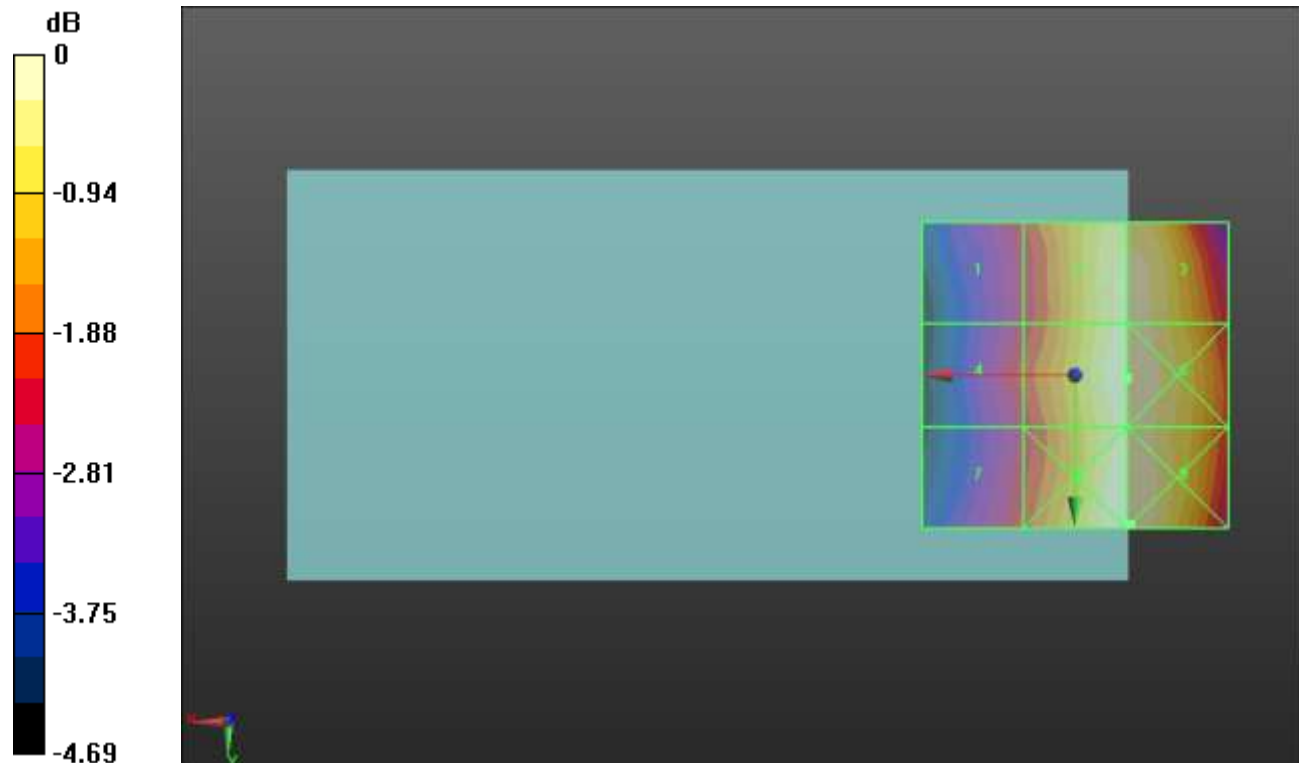
Applied MIF = 3.26 dB

RF audio interference level = 30.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.36 dBV/m	Grid 2 M4 30.41 dBV/m	Grid 3 M4 30.44 dBV/m
Grid 4 M4 28.51 dBV/m	Grid 5 M4 30.56 dBV/m	Grid 6 M4 30.57 dBV/m
Grid 7 M4 28.55 dBV/m	Grid 8 M4 30.58 dBV/m	Grid 9 M4 30.59 dBV/m



0 dB = 33.84 V/m = 30.59 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC10 E-Field measurement/RC1_SO3_ch 560/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.28 V/m; Power Drift = 0.41 dB

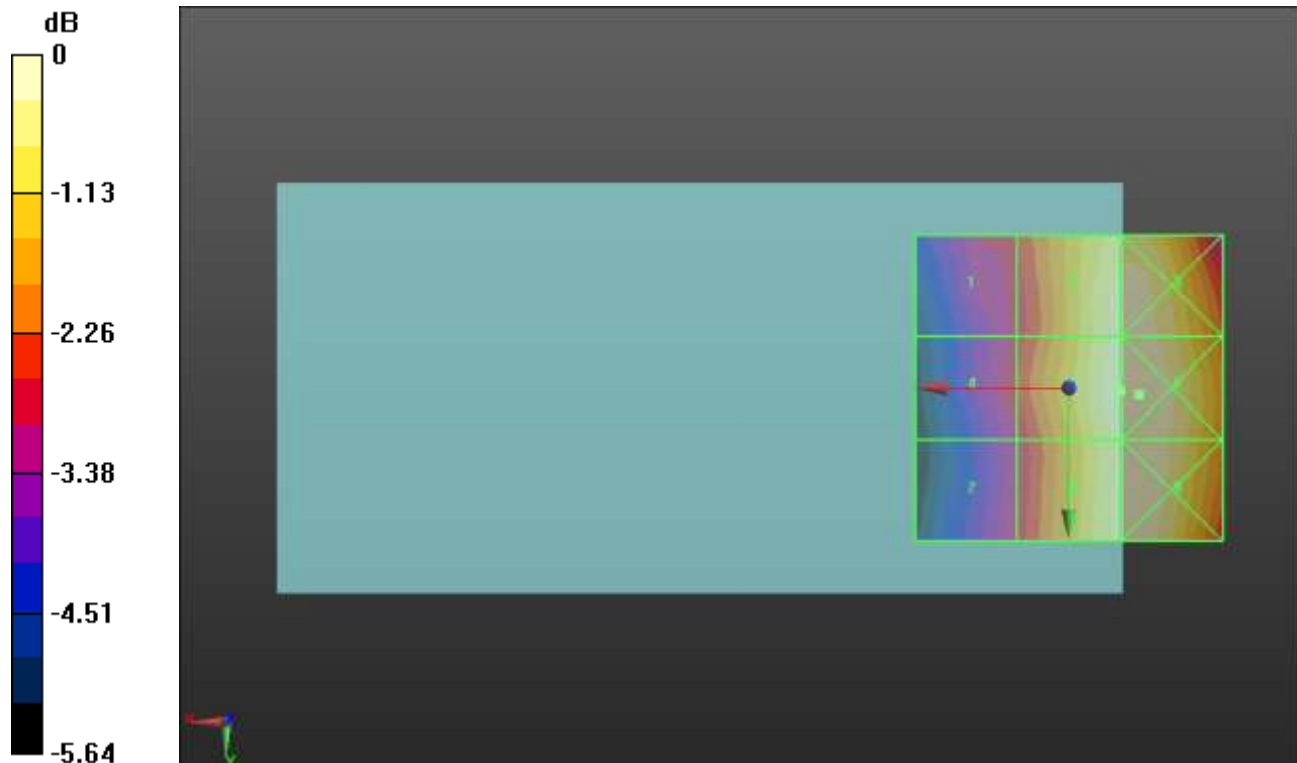
Applied MIF = 3.26 dB

RF audio interference level = 30.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.15 dBV/m	Grid 2 M4 30.54 dBV/m	Grid 3 M4 30.59 dBV/m
Grid 4 M4 28.18 dBV/m	Grid 5 M4 30.69 dBV/m	Grid 6 M4 30.79 dBV/m
Grid 7 M4 27.92 dBV/m	Grid 8 M4 30.54 dBV/m	Grid 9 M4 30.67 dBV/m



0 dB = 34.63 V/m = 30.79 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

CDMA BC10 E-Field measurement/RC1_SO3_ch 670/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.54 V/m; Power Drift = 0.28 dB

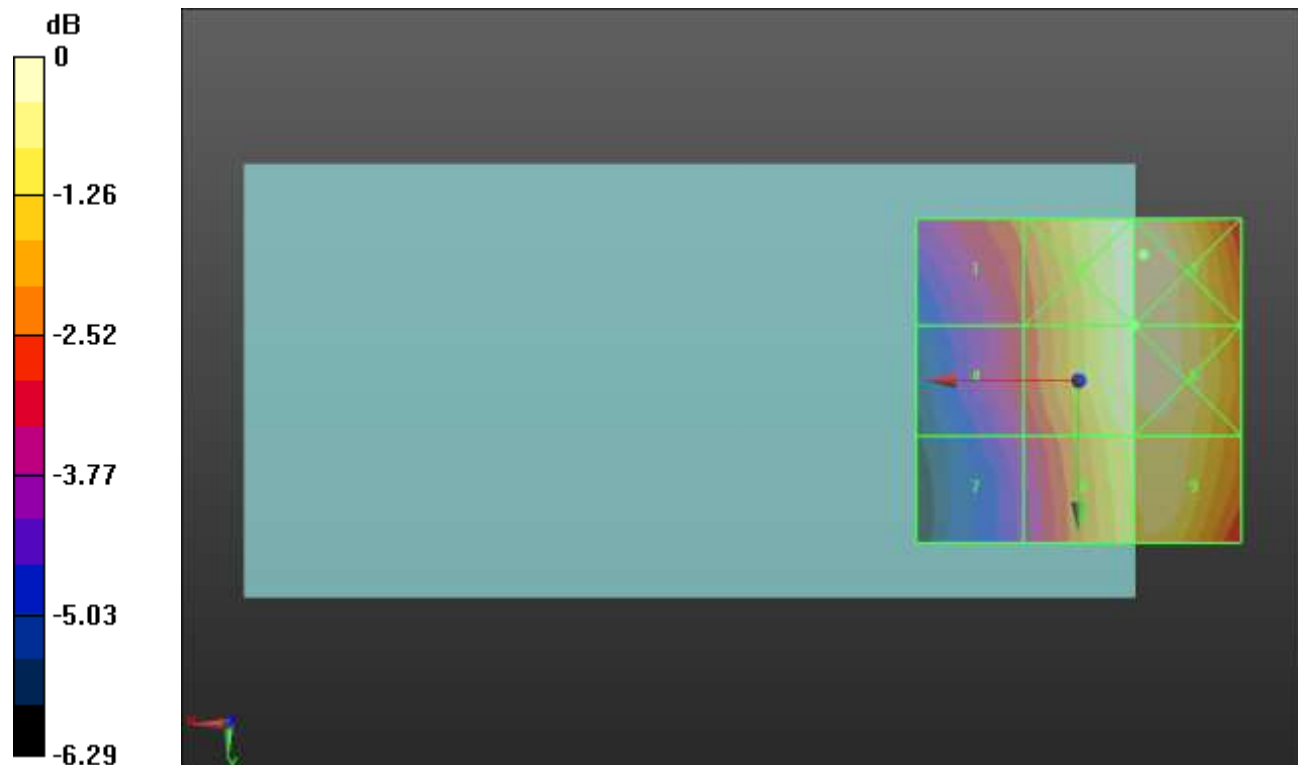
Applied MIF = 3.26 dB

RF audio interference level = 30.47 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.44 dBV/m	Grid 2 M4 30.6 dBV/m	Grid 3 M4 30.65 dBV/m
Grid 4 M4 27.79 dBV/m	Grid 5 M4 30.47 dBV/m	Grid 6 M4 30.58 dBV/m
Grid 7 M4 27.14 dBV/m	Grid 8 M4 29.95 dBV/m	Grid 9 M4 30.13 dBV/m



0 dB = 34.07 V/m = 30.65 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 39750/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.26 V/m; Power Drift = -0.39 dB

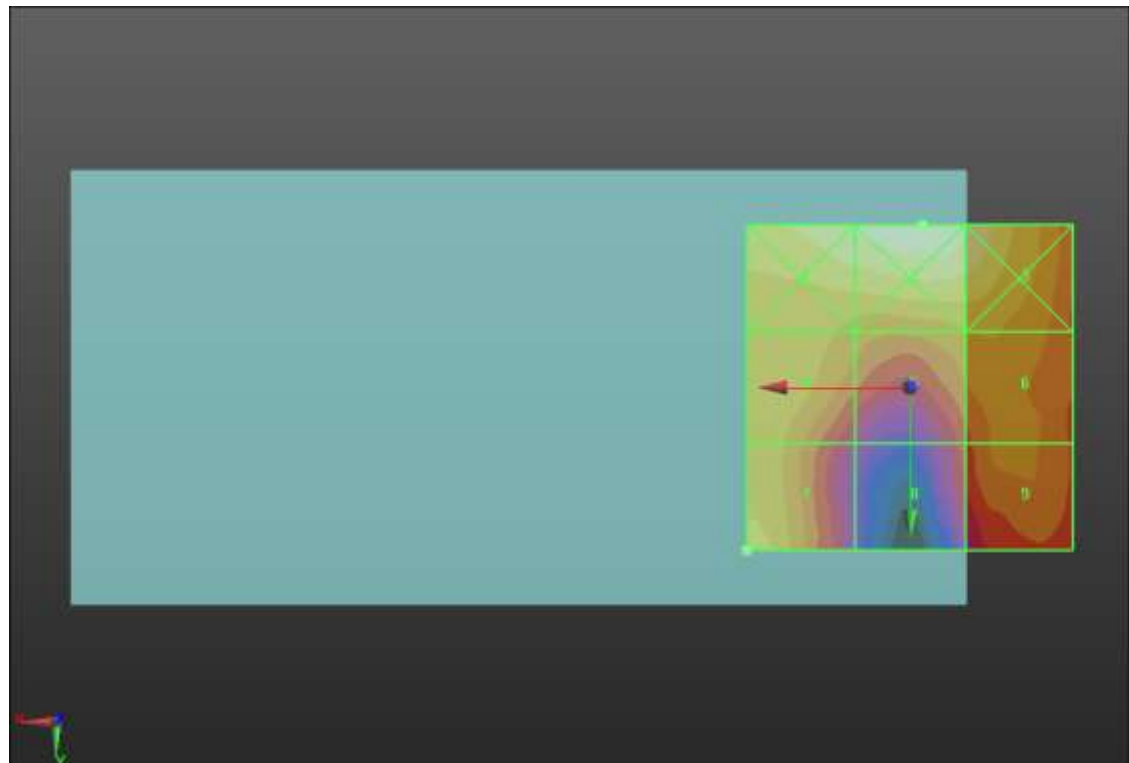
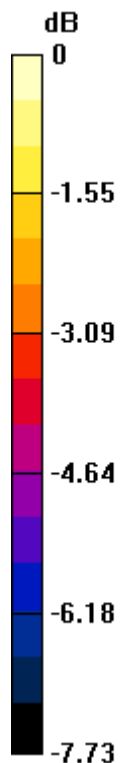
Applied MIF = -1.44 dB

RF audio interference level = 22.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.54 dBV/m	Grid 2 M4 23.94 dBV/m	Grid 3 M4 23.51 dBV/m
Grid 4 M4 22.38 dBV/m	Grid 5 M4 21.88 dBV/m	Grid 6 M4 21.93 dBV/m
Grid 7 M4 22.64 dBV/m	Grid 8 M4 20.67 dBV/m	Grid 9 M4 21.77 dBV/m



0 dB = 15.75 V/m = 23.95 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 40185/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.22 V/m; Power Drift = -0.14 dB

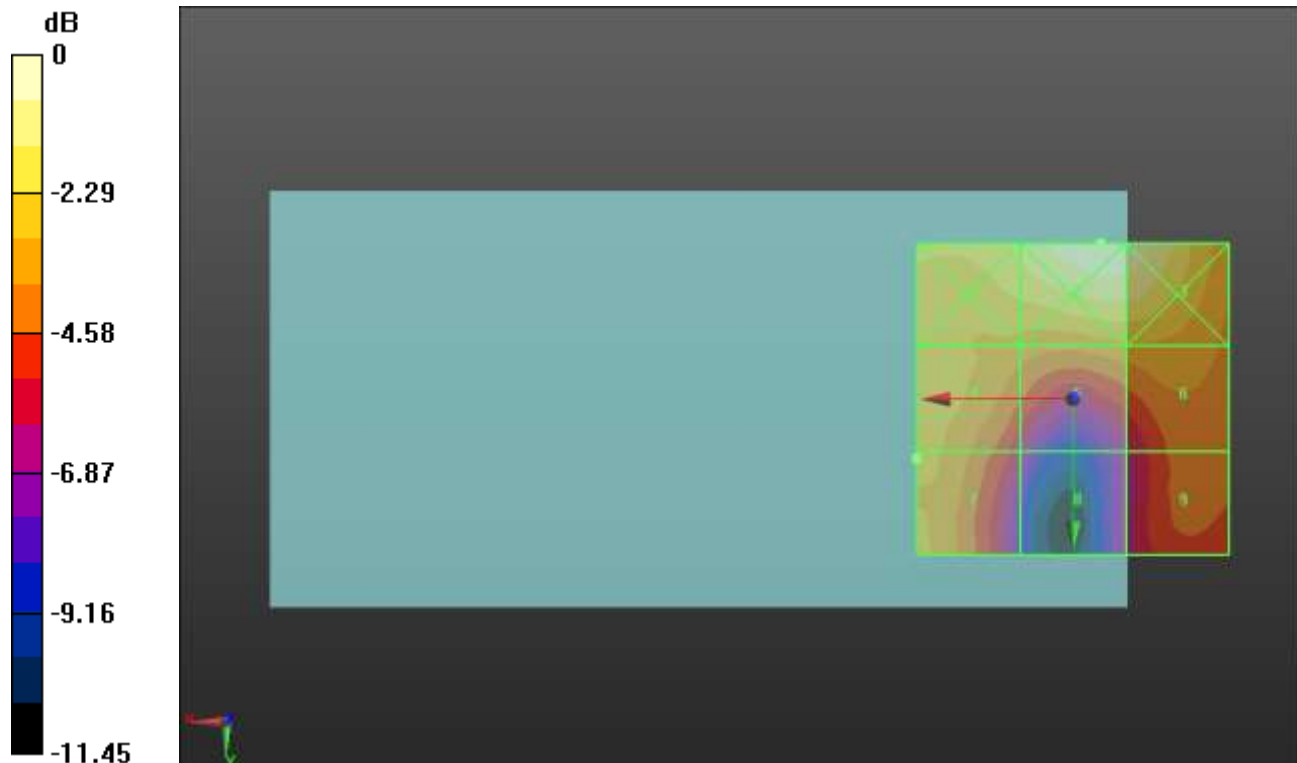
Applied MIF = -1.44 dB

RF audio interference level = 21.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.93 dBV/m	Grid 2 M4 24.27 dBV/m	Grid 3 M4 23.98 dBV/m
Grid 4 M4 21.63 dBV/m	Grid 5 M4 21.06 dBV/m	Grid 6 M4 21.13 dBV/m
Grid 7 M4 21.66 dBV/m	Grid 8 M4 18.1 dBV/m	Grid 9 M4 20.02 dBV/m



0 dB = 16.34 V/m = 24.27 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 11.86 V/m; Power Drift = 0.16 dB

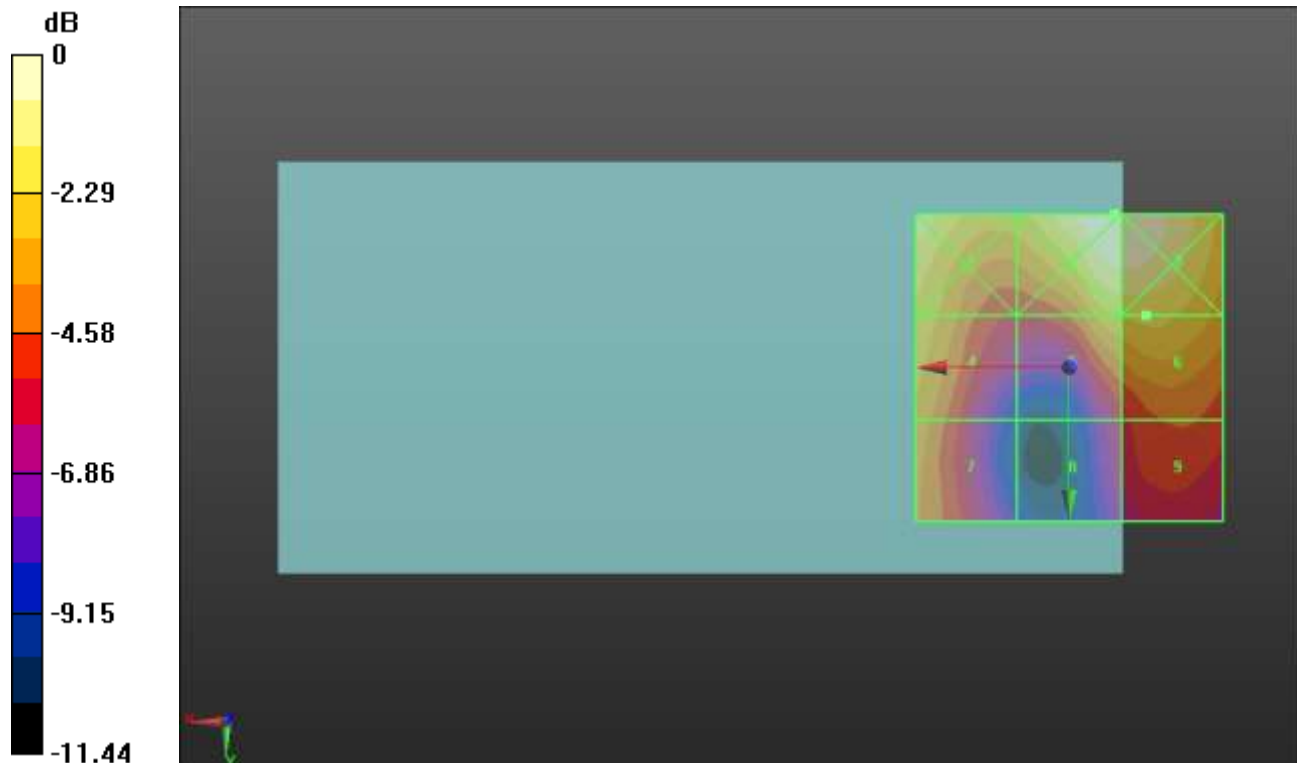
Applied MIF = -1.44 dB

RF audio interference level = 22.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.59 dBV/m	Grid 2 M4 24.33 dBV/m	Grid 3 M4 24.31 dBV/m
Grid 4 M4 21.9 dBV/m	Grid 5 M4 22.08 dBV/m	Grid 6 M4 22.29 dBV/m
Grid 7 M4 21.07 dBV/m	Grid 8 M4 18.67 dBV/m	Grid 9 M4 19.88 dBV/m



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

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 11.52 V/m; Power Drift = -0.25 dB

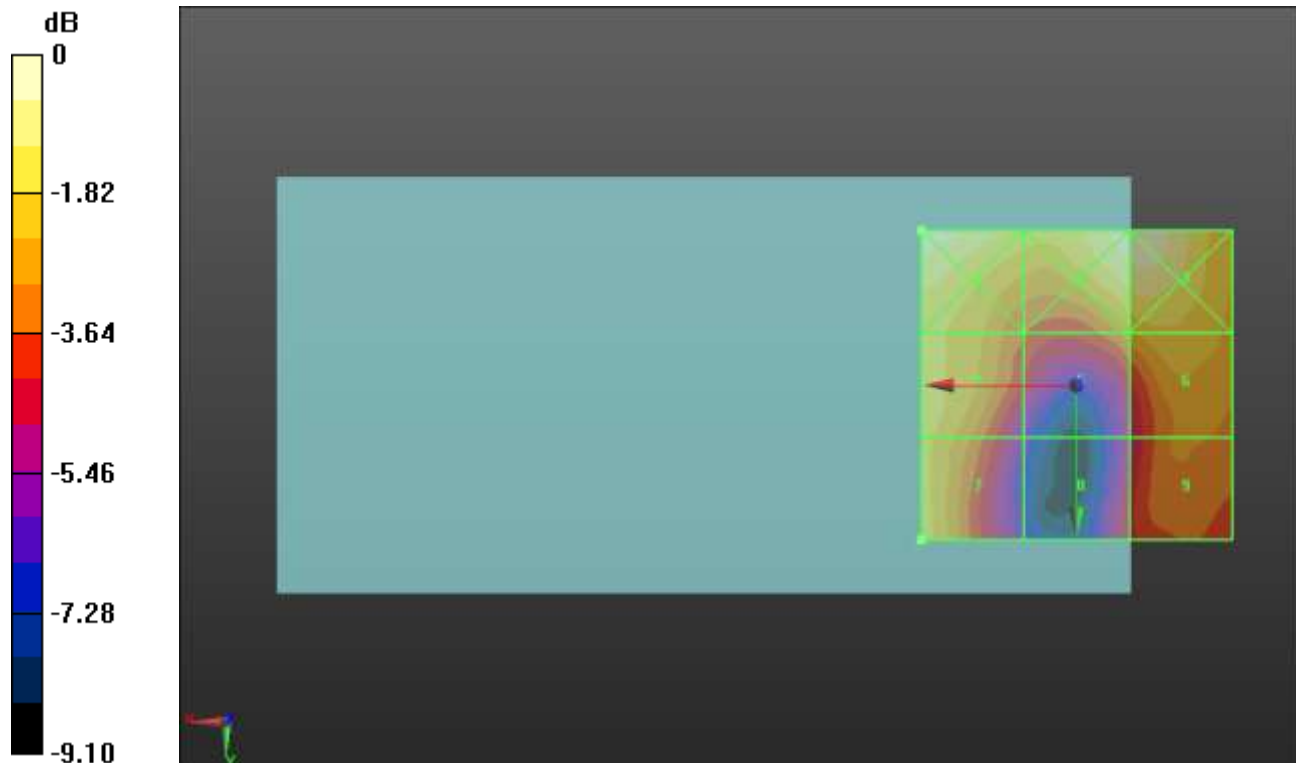
Applied MIF = -1.44 dB

RF audio interference level = 21.80 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.27 dBV/m	Grid 2 M4 22.95 dBV/m	Grid 3 M4 22.97 dBV/m
Grid 4 M4 21.68 dBV/m	Grid 5 M4 20.7 dBV/m	Grid 6 M4 21.37 dBV/m
Grid 7 M4 21.8 dBV/m	Grid 8 M4 18.89 dBV/m	Grid 9 M4 20.39 dBV/m



0 dB = 14.58 V/m = 23.28 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 9.119 V/m; Power Drift = -0.24 dB

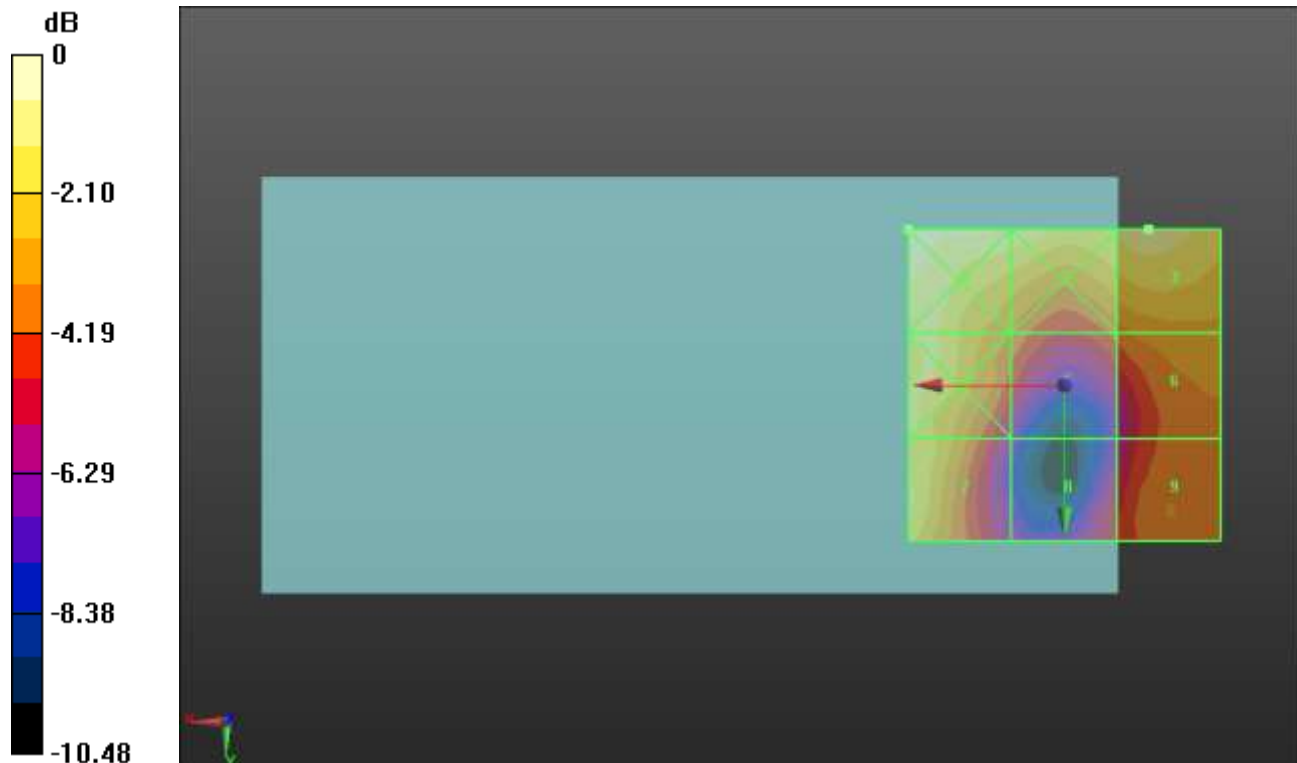
Applied MIF = -1.44 dB

RF audio interference level = 21.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.62 dBV/m	Grid 2 M4 21.85 dBV/m	Grid 3 M4 21.58 dBV/m
Grid 4 M4 21.63 dBV/m	Grid 5 M4 19.11 dBV/m	Grid 6 M4 19.69 dBV/m
Grid 7 M4 21.52 dBV/m	Grid 8 M4 17.79 dBV/m	Grid 9 M4 19.16 dBV/m



0 dB = 13.52 V/m = 22.62 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 13.22 V/m; Power Drift = -0.71 dB

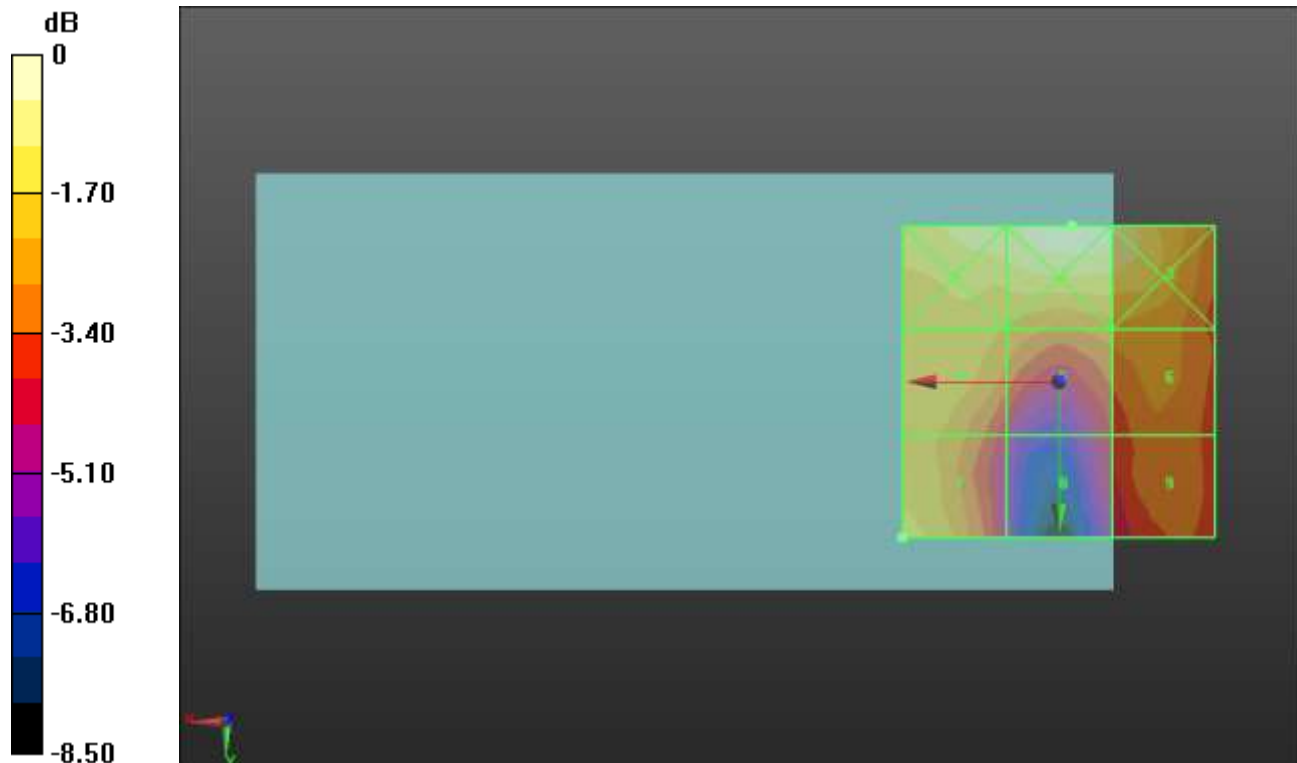
Applied MIF = -1.44 dB

RF audio interference level = 21.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.43 dBV/m	Grid 2 M4 23.19 dBV/m	Grid 3 M4 22.79 dBV/m
Grid 4 M4 21.44 dBV/m	Grid 5 M4 20.88 dBV/m	Grid 6 M4 20.76 dBV/m
Grid 7 M4 21.7 dBV/m	Grid 8 M4 19.25 dBV/m	Grid 9 M4 20.24 dBV/m



0 dB = 14.44 V/m = 23.19 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 10.67 V/m; Power Drift = -0.20 dB

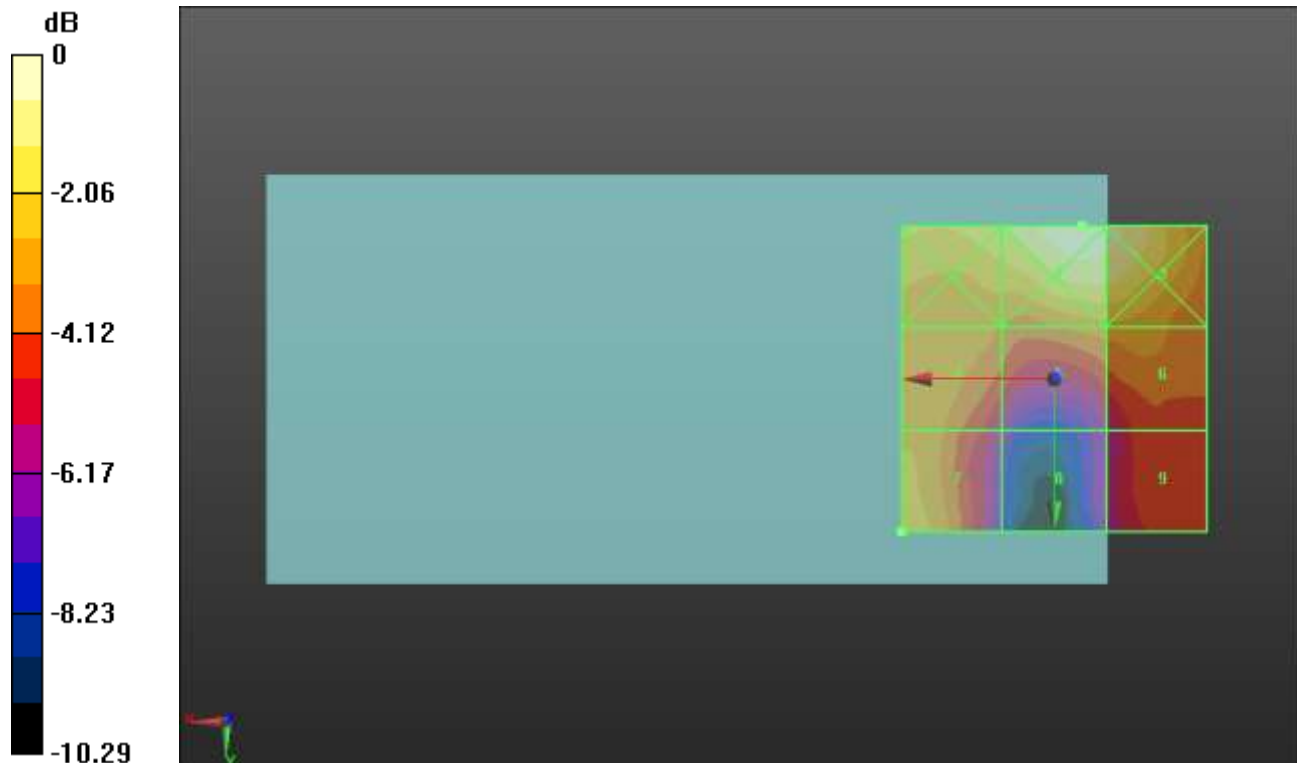
Applied MIF = -1.44 dB

RF audio interference level = 20.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.27 dBV/m	Grid 2 M4 22.58 dBV/m	Grid 3 M4 22.28 dBV/m
Grid 4 M4 19.78 dBV/m	Grid 5 M4 19.61 dBV/m	Grid 6 M4 19.67 dBV/m
Grid 7 M4 20.42 dBV/m	Grid 8 M4 16.65 dBV/m	Grid 9 M4 18.48 dBV/m



0 dB = 13.46 V/m = 22.58 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 10.11 V/m; Power Drift = -0.43 dB

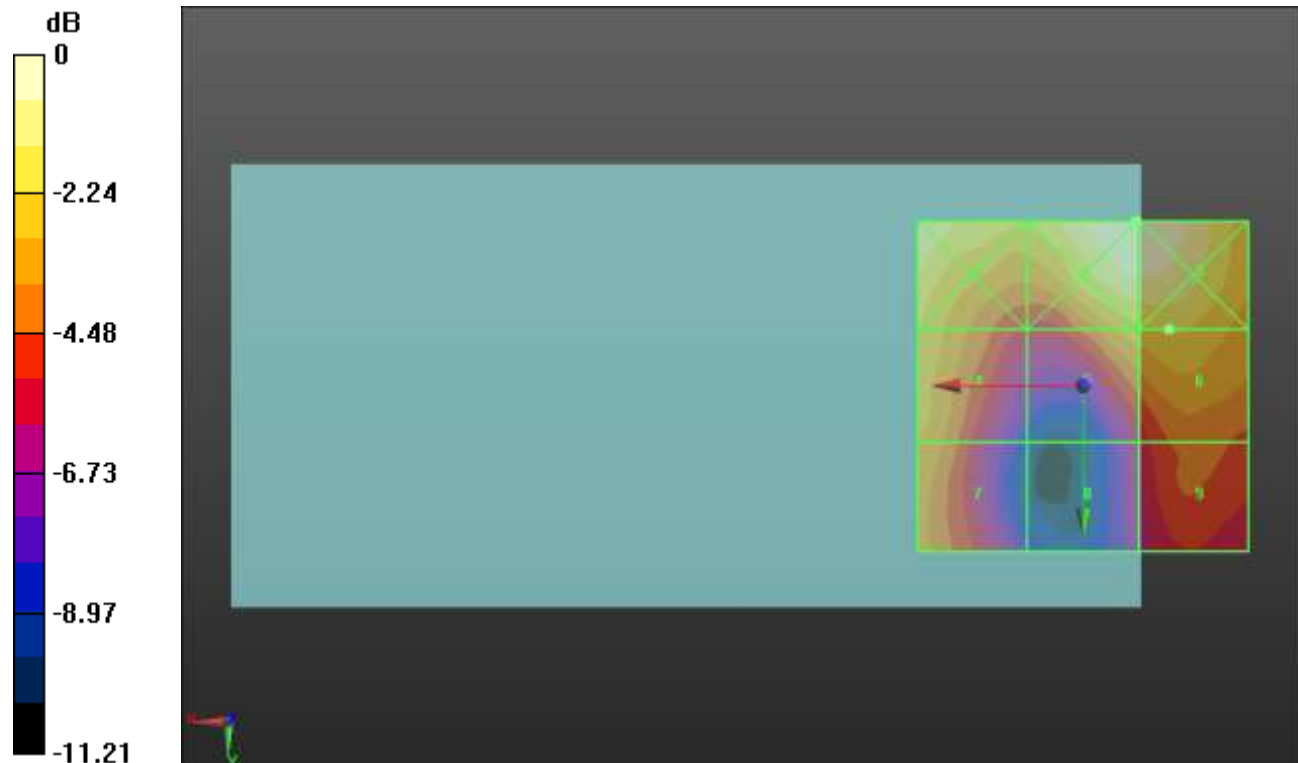
Applied MIF = -1.44 dB

RF audio interference level = 20.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.97 dBV/m	Grid 2 M4 22.44 dBV/m	Grid 3 M4 22.44 dBV/m
Grid 4 M4 20.26 dBV/m	Grid 5 M4 20.02 dBV/m	Grid 6 M4 20.29 dBV/m
Grid 7 M4 19.43 dBV/m	Grid 8 M4 16.71 dBV/m	Grid 9 M4 18.3 dBV/m



0 dB = 13.25 V/m = 22.44 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 9.600 V/m; Power Drift = -0.60 dB

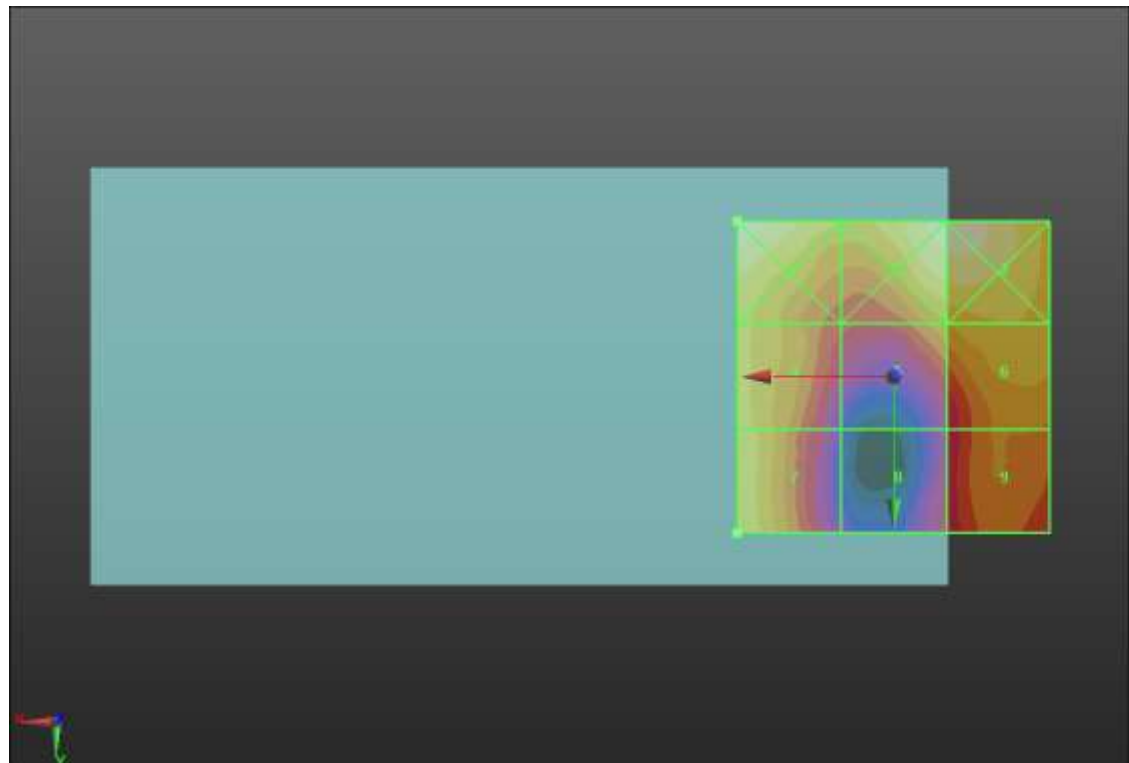
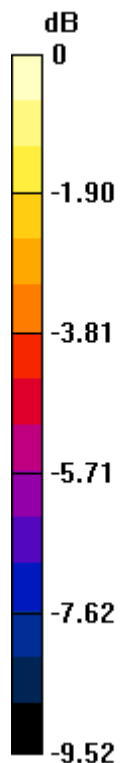
Applied MIF = -1.44 dB

RF audio interference level = 20.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.82 dBV/m	Grid 2 M4 21.37 dBV/m	Grid 3 M4 21.39 dBV/m
Grid 4 M4 20.27 dBV/m	Grid 5 M4 19.24 dBV/m	Grid 6 M4 19.92 dBV/m
Grid 7 M4 20.49 dBV/m	Grid 8 M4 16.99 dBV/m	Grid 9 M4 18.75 dBV/m



0 dB = 12.33 V/m = 21.82 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAC, 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: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

LTE Band 41 E-Field measurement 2/LTE TDD_16QAM_RB 1/49_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 = 7.538 V/m; Power Drift = 0.37 dB

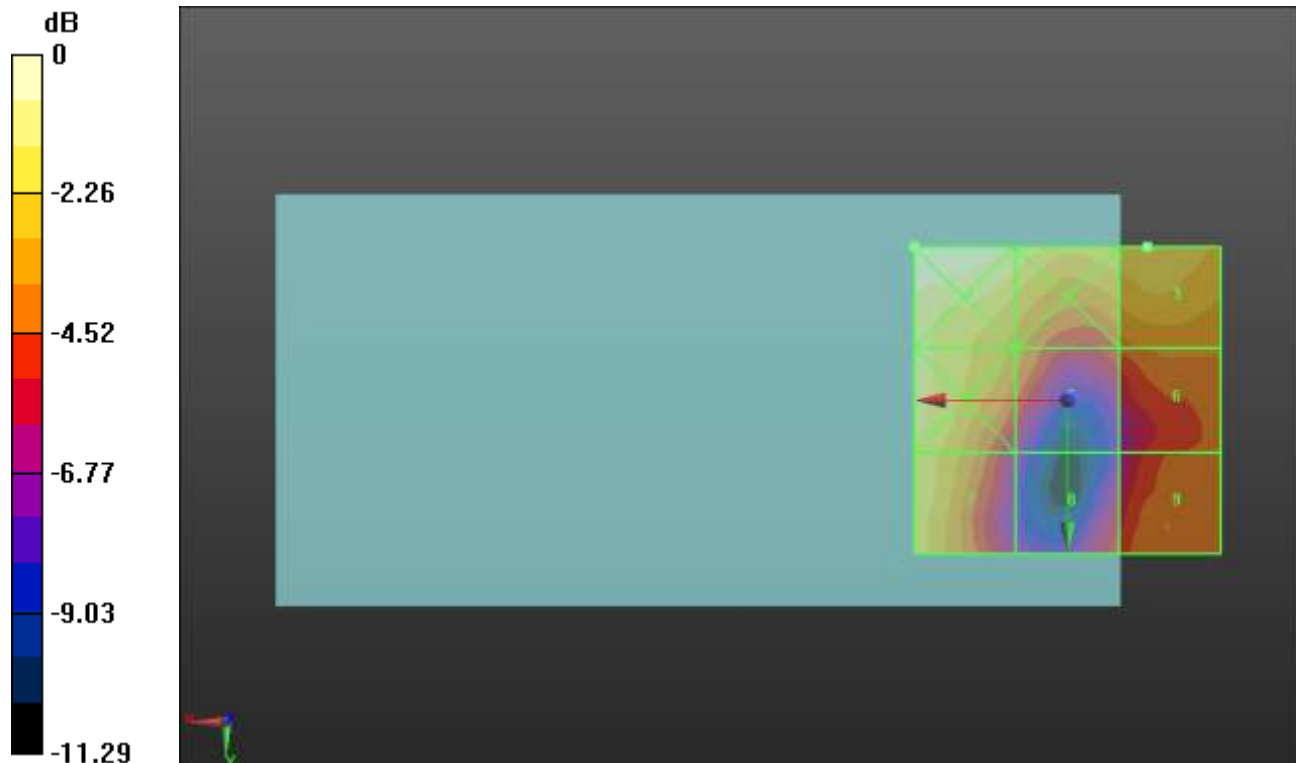
Applied MIF = -1.44 dB

RF audio interference level = 19.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.17 dBV/m	Grid 2 M4 20.29 dBV/m	Grid 3 M4 19.76 dBV/m
Grid 4 M4 19.96 dBV/m	Grid 5 M4 17.82 dBV/m	Grid 6 M4 17.71 dBV/m
Grid 7 M4 19.66 dBV/m	Grid 8 M4 16.36 dBV/m	Grid 9 M4 17.44 dBV/m



0 dB = 11.44 V/m = 21.17 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 48 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 5.817 V/m; Power Drift = 0.13 dB

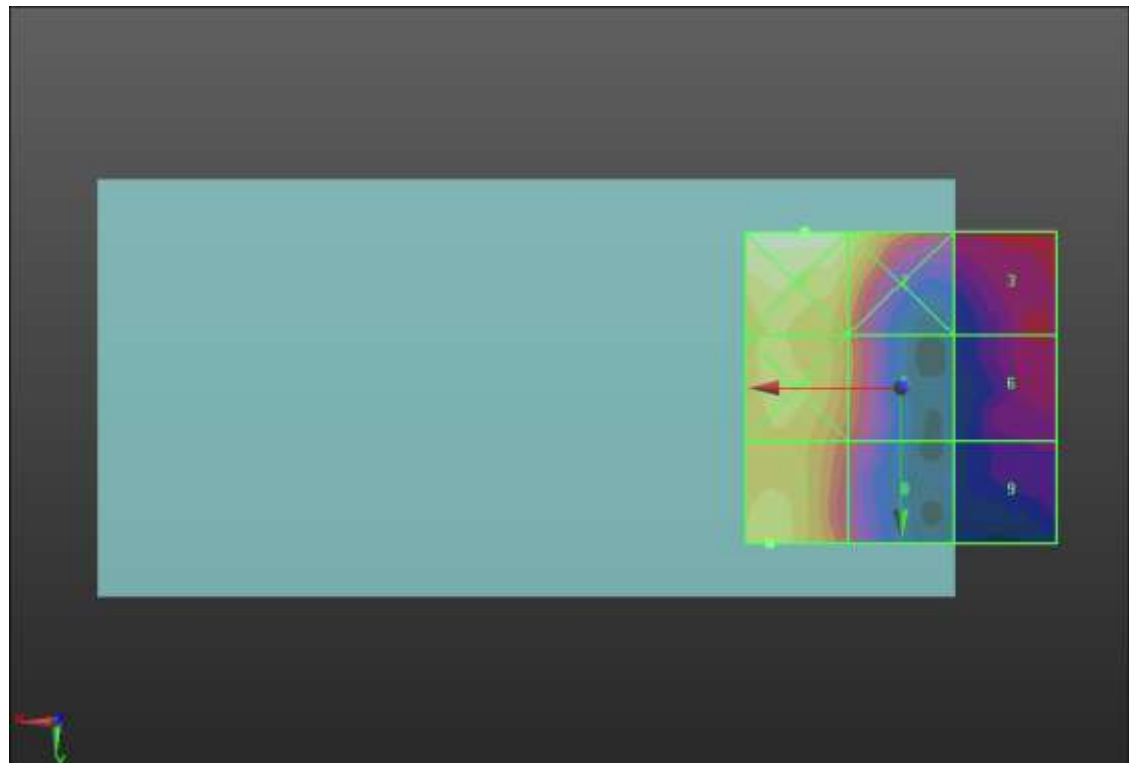
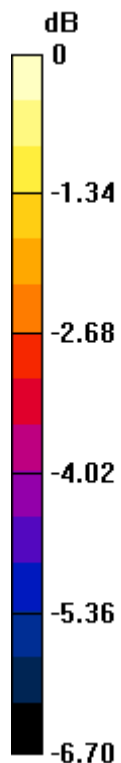
Applied MIF = -1.44 dB

RF audio interference level = 17.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.91 dBV/m	Grid 2 M4 18.26 dBV/m	Grid 3 M4 15.64 dBV/m
Grid 4 M4 17.86 dBV/m	Grid 5 M4 16.51 dBV/m	Grid 6 M4 15.42 dBV/m
Grid 7 M4 17.91 dBV/m	Grid 8 M4 15.83 dBV/m	Grid 9 M4 14.55 dBV/m



0 dB = 8.825 V/m = 18.91 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 48 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 7.617 V/m; Power Drift = -0.00 dB

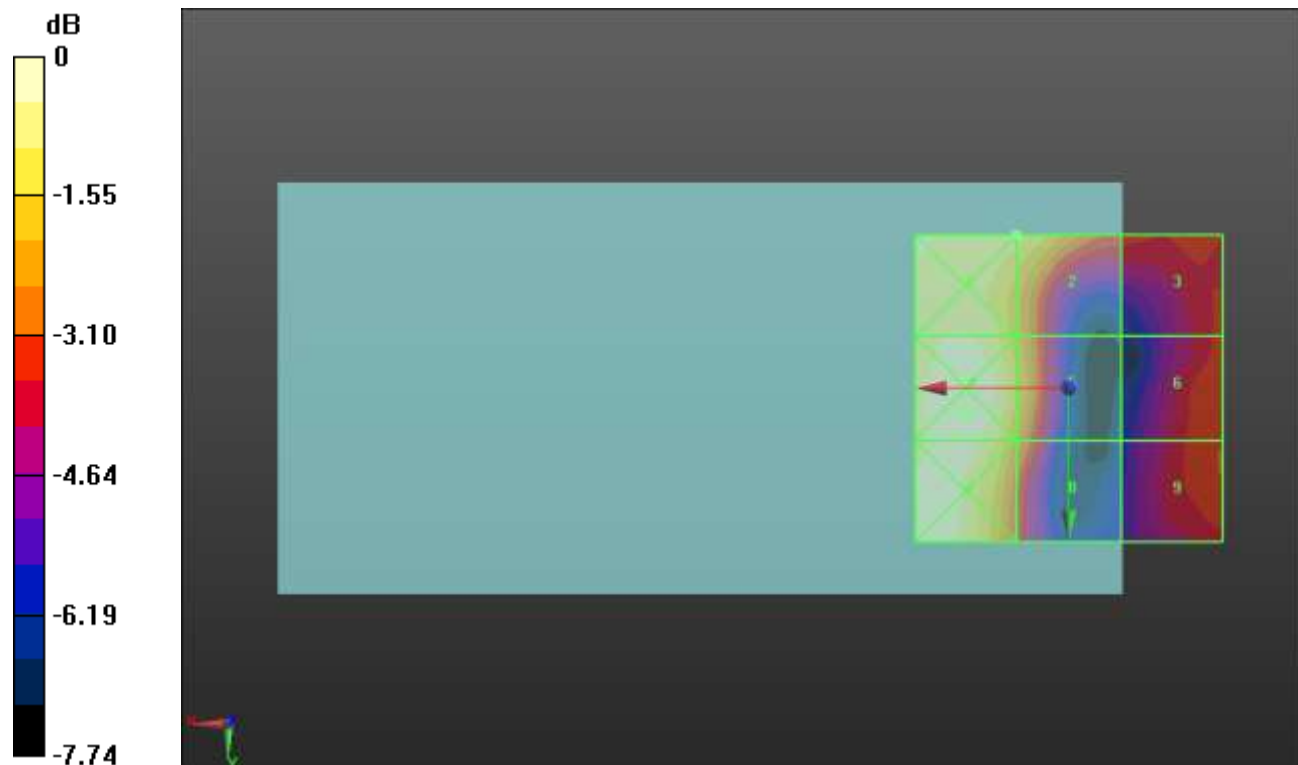
Applied MIF = -1.44 dB

RF audio interference level = 21.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.88 dBV/m	Grid 2 M4 21.24 dBV/m	Grid 3 M4 18.67 dBV/m
Grid 4 M4 21.99 dBV/m	Grid 5 M4 20.5 dBV/m	Grid 6 M4 18.89 dBV/m
Grid 7 M4 21.81 dBV/m	Grid 8 M4 19.85 dBV/m	Grid 9 M4 18.92 dBV/m



0 dB = 12.57 V/m = 21.99 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 48 E-Field measurement/LTE TDD_16QAM_RB 1/49_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 = 7.699 V/m; Power Drift = -0.22 dB

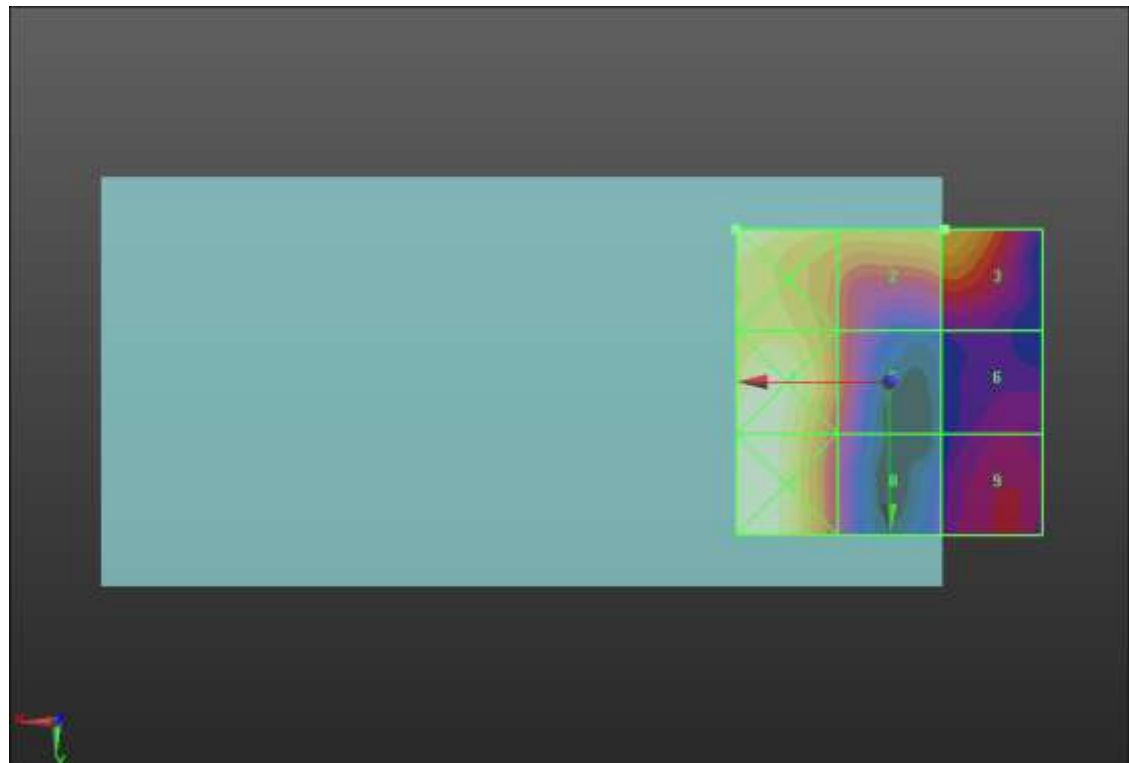
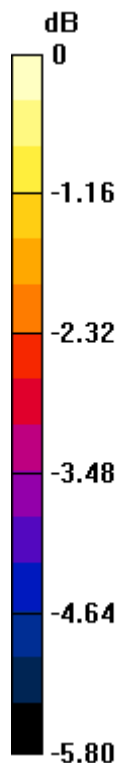
Applied MIF = -1.44 dB

RF audio interference level = 19.82 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.88 dBV/m	Grid 2 M4 19.82 dBV/m	Grid 3 M4 19.82 dBV/m
Grid 4 M4 20.81 dBV/m	Grid 5 M4 18.66 dBV/m	Grid 6 M4 17.51 dBV/m
Grid 7 M4 20.87 dBV/m	Grid 8 M4 18.05 dBV/m	Grid 9 M4 17.97 dBV/m



0 dB = 11.06 V/m = 20.88 dBV/m

HAC-RF Emission (LAT 1)

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

LTE Band 48 E-Field measurement/LTE TDD_16QAM_RB 1/49_ch 56640/Hearing Aid Compatibility Test (101x101x1):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.007 V/m; Power Drift = -0.51 dB

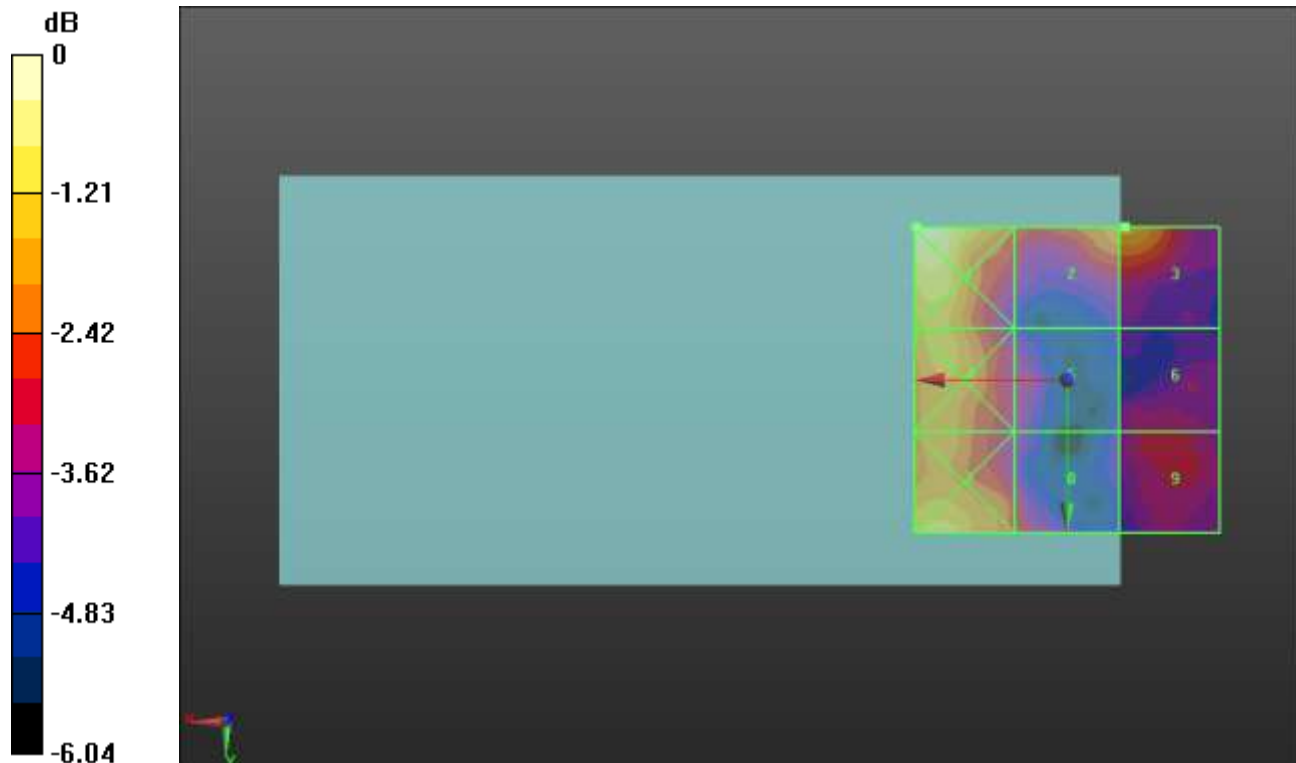
Applied MIF = -1.44 dB

RF audio interference level = 15.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.83 dBV/m	Grid 2 M4 15.4 dBV/m	Grid 3 M4 15.45 dBV/m
Grid 4 M4 15.47 dBV/m	Grid 5 M4 13.54 dBV/m	Grid 6 M4 13.67 dBV/m
Grid 7 M4 15.95 dBV/m	Grid 8 M4 14.28 dBV/m	Grid 9 M4 13.81 dBV/m



0 dB = 6.943 V/m = 16.83 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM850 E-Field measurement/Voice_ch 128/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 42.96 V/m; Power Drift = -0.25 dB

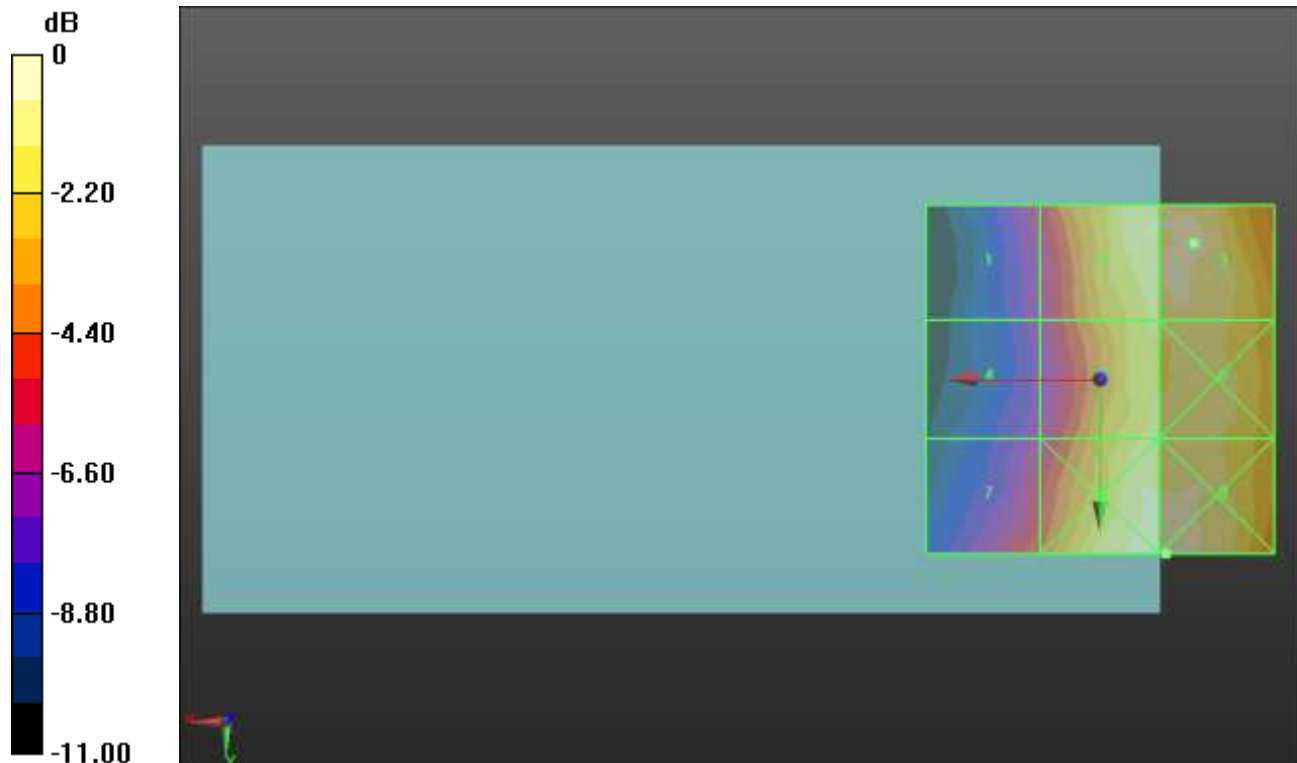
Applied MIF = 3.63 dB

RF audio interference level = 35.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 30.34 dBV/m	Grid 2 M4 35.08 dBV/m	Grid 3 M4 35.26 dBV/m
Grid 4 M4 29.56 dBV/m	Grid 5 M4 34.62 dBV/m	Grid 6 M4 34.96 dBV/m
Grid 7 M4 31.47 dBV/m	Grid 8 M4 35.75 dBV/m	Grid 9 M4 35.8 dBV/m



0 dB = 61.67 V/m = 35.80 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM850 E-Field measurement/Voice_ch 190/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.52 V/m; Power Drift = 0.29 dB

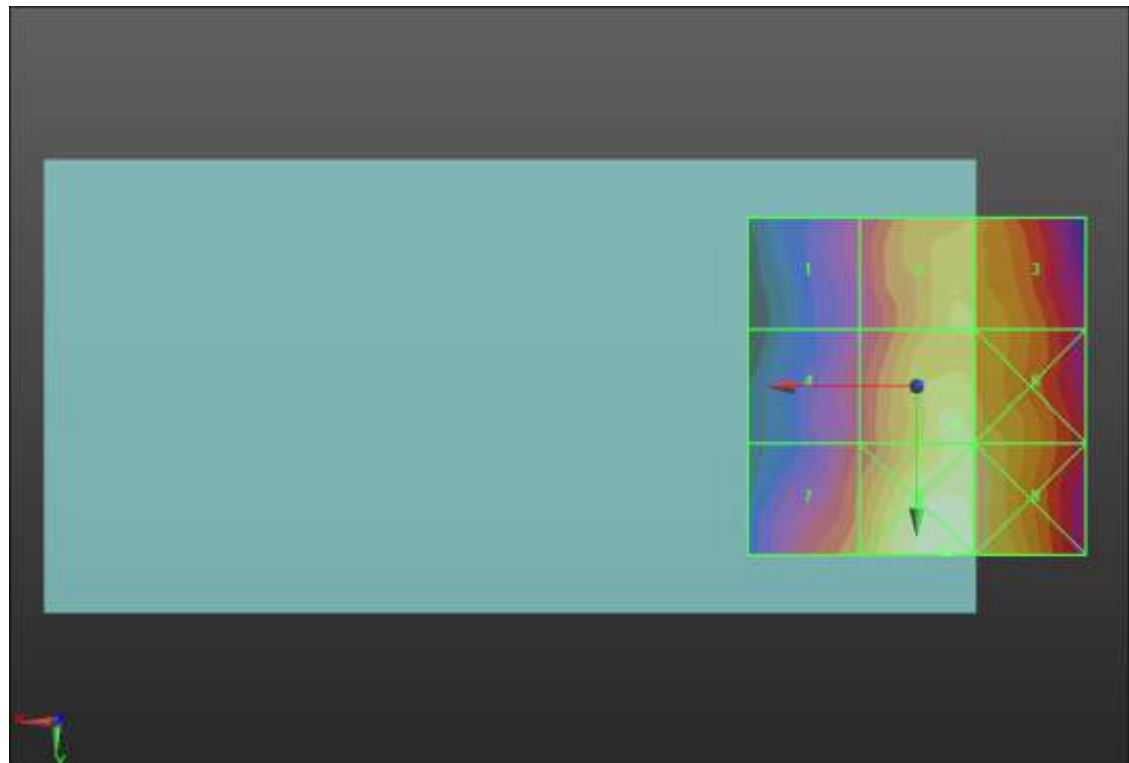
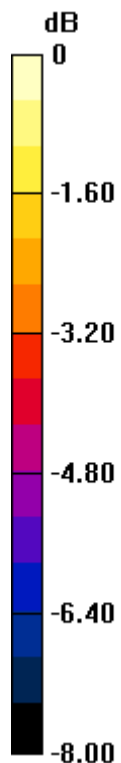
Applied MIF = 3.63 dB

RF audio interference level = 34.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.07 dBV/m	Grid 2 M4 33.75 dBV/m	Grid 3 M4 33.68 dBV/m
Grid 4 M4 31.5 dBV/m	Grid 5 M4 34.49 dBV/m	Grid 6 M4 34.26 dBV/m
Grid 7 M4 32.79 dBV/m	Grid 8 M4 35.27 dBV/m	Grid 9 M4 34.66 dBV/m



0 dB = 57.99 V/m = 35.27 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM850 E-Field measurement/Voice_ch 251/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 52.35 V/m; Power Drift = -0.16 dB

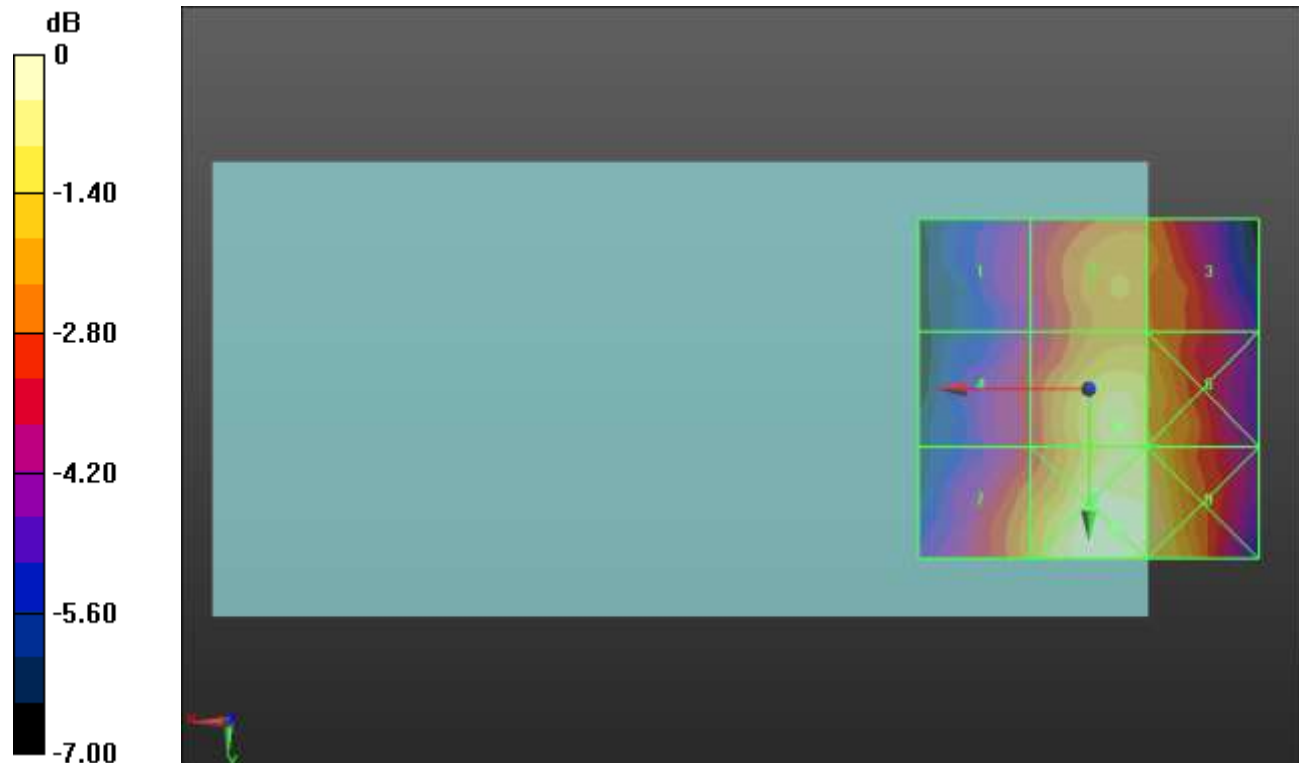
Applied MIF = 3.63 dB

RF audio interference level = 34.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.64 dBV/m	Grid 2 M4 33.5 dBV/m	Grid 3 M4 33.2 dBV/m
Grid 4 M4 32.12 dBV/m	Grid 5 M4 34.66 dBV/m	Grid 6 M4 34.28 dBV/m
Grid 7 M4 33.42 dBV/m	Grid 8 M4 35.3 dBV/m	Grid 9 M4 34.9 dBV/m



0 dB = 58.23 V/m = 35.30 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.84 V/m; Power Drift = 0.18 dB

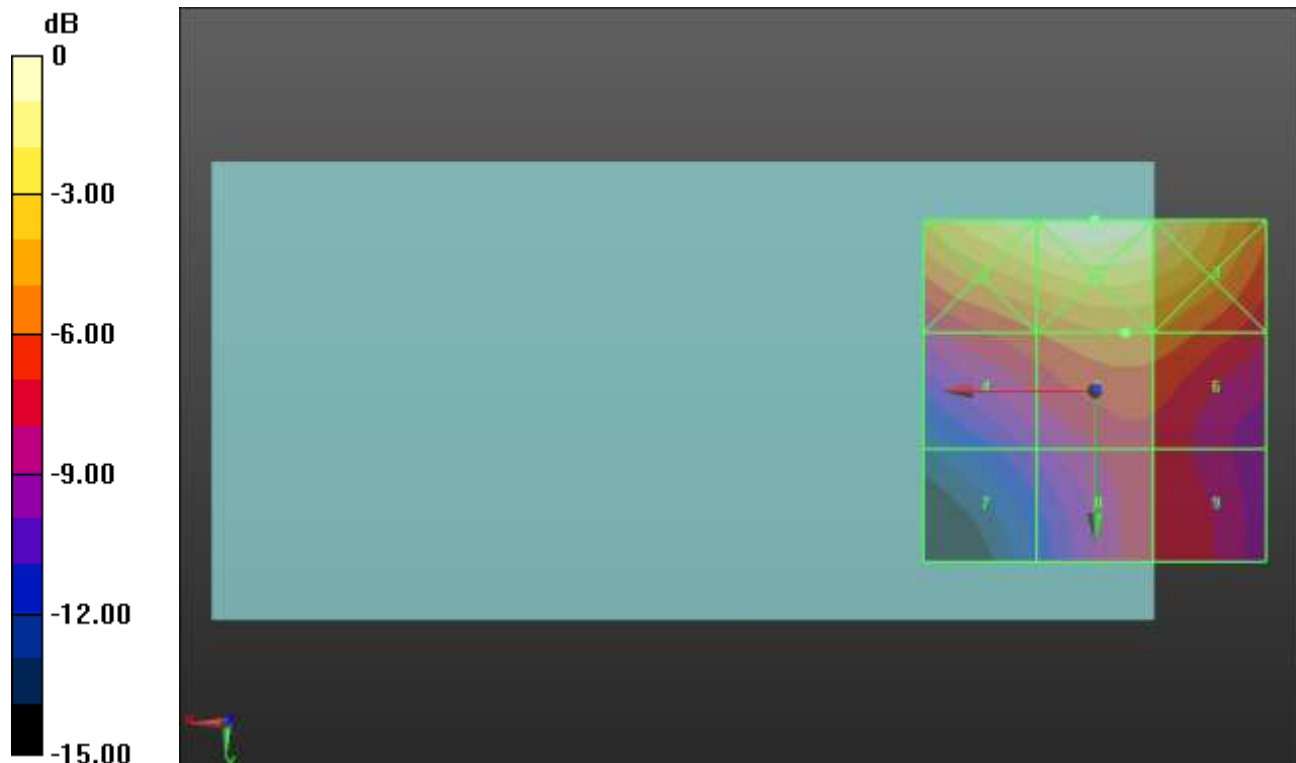
Applied MIF = 3.63 dB

RF audio interference level = 33.07 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 37.11 dBV/m	Grid 2 M2 38.03 dBV/m	Grid 3 M2 37.15 dBV/m
Grid 4 M3 32 dBV/m	Grid 5 M3 33.07 dBV/m	Grid 6 M3 32.97 dBV/m
Grid 7 M4 28.43 dBV/m	Grid 8 M3 30.87 dBV/m	Grid 9 M3 30.92 dBV/m



0 dB = 79.73 V/m = 38.03 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.46 V/m; Power Drift = -0.04 dB

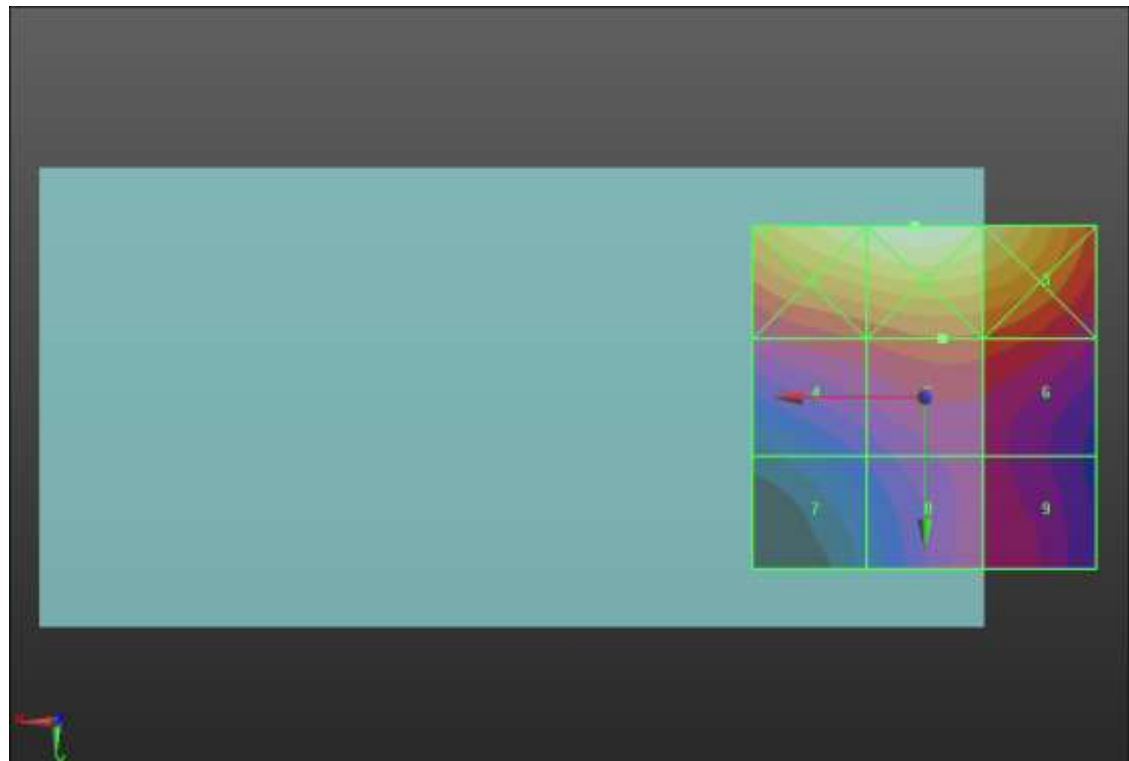
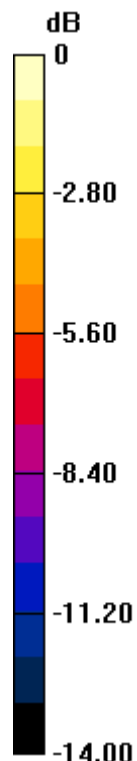
Applied MIF = 3.63 dB

RF audio interference level = 32.15 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M2 37.08 dBV/m	Grid 2 M2 37.79 dBV/m	Grid 3 M2 36.85 dBV/m
Grid 4 M3 31.43 dBV/m	Grid 5 M3 32.15 dBV/m	Grid 6 M3 32 dBV/m
Grid 7 M4 27.75 dBV/m	Grid 8 M3 30.05 dBV/m	Grid 9 M3 30.09 dBV/m



0 dB = 77.57 V/m = 37.79 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 27.07 V/m; Power Drift = 0.03 dB

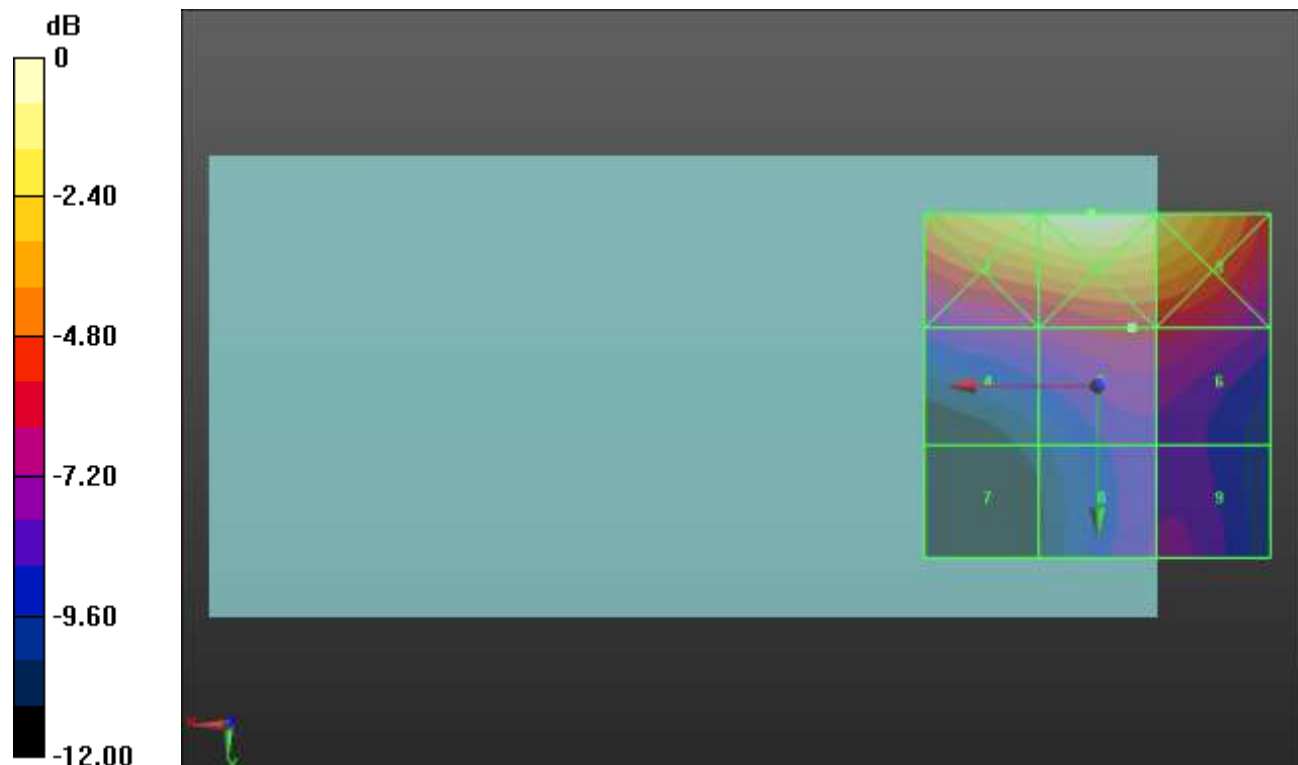
Applied MIF = 3.63 dB

RF audio interference level = 31.84 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 36.84 dBV/m	Grid 2 M2 37.67 dBV/m	Grid 3 M2 36.71 dBV/m
Grid 4 M3 30.81 dBV/m	Grid 5 M3 31.84 dBV/m	Grid 6 M3 31.75 dBV/m
Grid 7 M4 27.08 dBV/m	Grid 8 M4 29.89 dBV/m	Grid 9 M4 29.93 dBV/m



0 dB = 76.45 V/m = 37.67 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC0 E-Field measurement/RC1_SO3_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 = 52.93 V/m; Power Drift = -0.24 dB

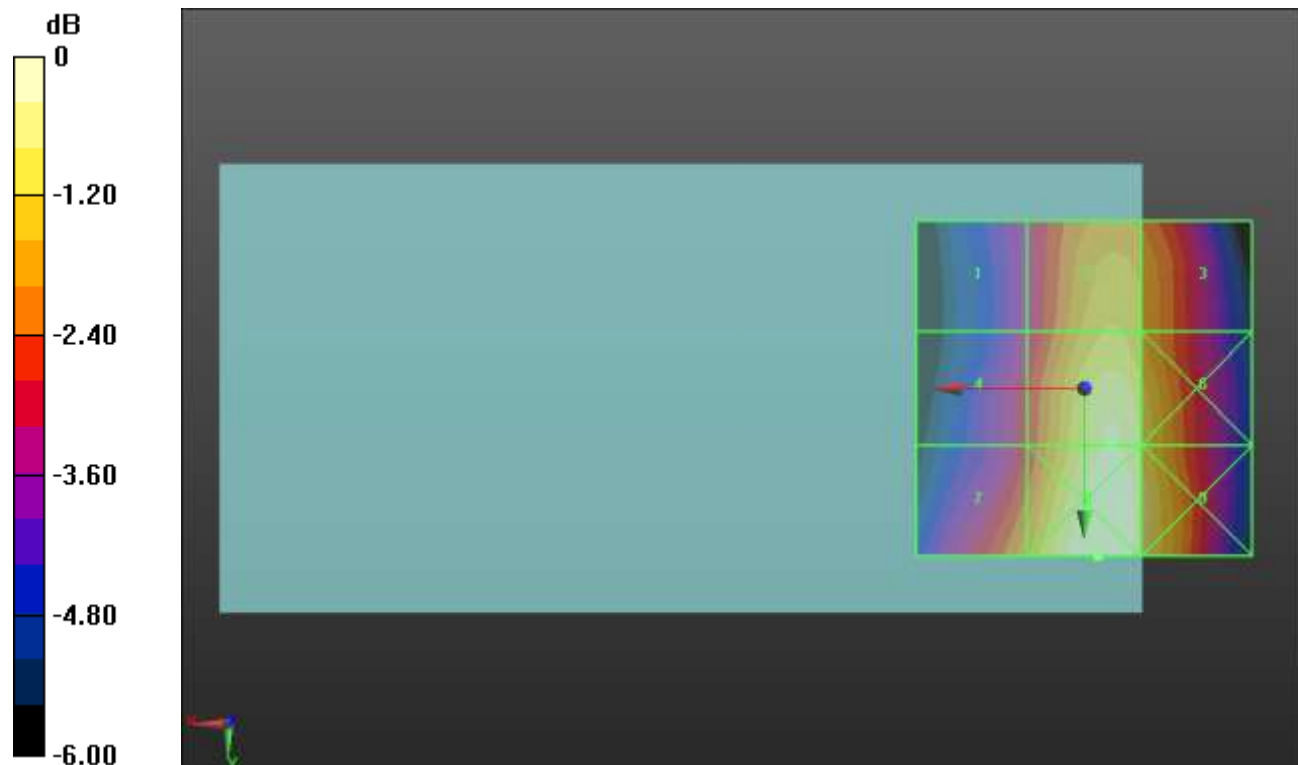
Applied MIF = 3.26 dB

RF audio interference level = 33.32 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.32 dBV/m	Grid 2 M4 32.49 dBV/m	Grid 3 M4 32.12 dBV/m
Grid 4 M4 30.84 dBV/m	Grid 5 M4 33.32 dBV/m	Grid 6 M4 32.8 dBV/m
Grid 7 M4 32.01 dBV/m	Grid 8 M4 33.65 dBV/m	Grid 9 M4 33.09 dBV/m



0 dB = 48.12 V/m = 33.65 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 831.99 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 831.99 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

CDMA BC0 E-Field measurement/RC1_SO3_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 = 50.04 V/m; Power Drift = -0.04 dB

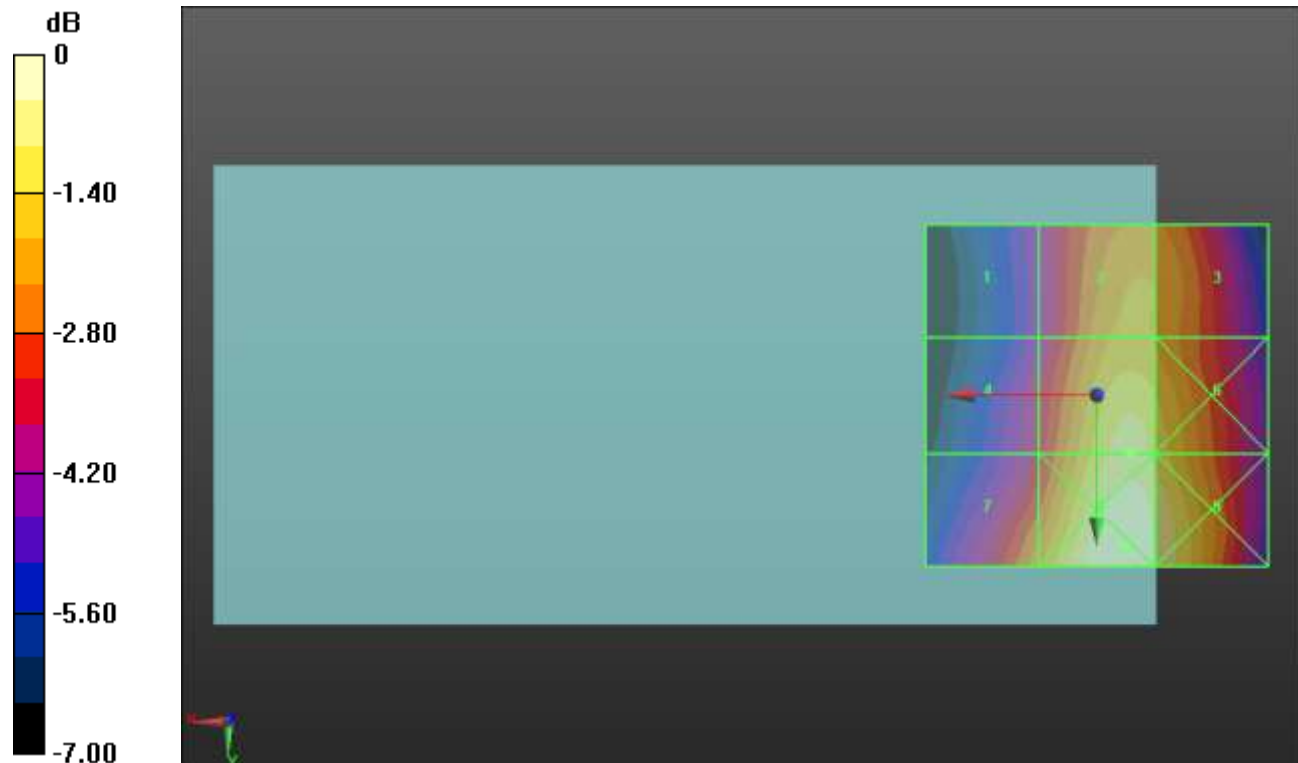
Applied MIF = 3.26 dB

RF audio interference level = 33.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.63 dBV/m	Grid 2 M4 32.2 dBV/m	Grid 3 M4 32.04 dBV/m
Grid 4 M4 30.38 dBV/m	Grid 5 M4 33.18 dBV/m	Grid 6 M4 32.86 dBV/m
Grid 7 M4 31.93 dBV/m	Grid 8 M4 33.89 dBV/m	Grid 9 M4 33.49 dBV/m



0 dB = 49.47 V/m = 33.89 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC0 E-Field measurement/RC1_SO3_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 = 49.02 V/m; Power Drift = 0.02 dB

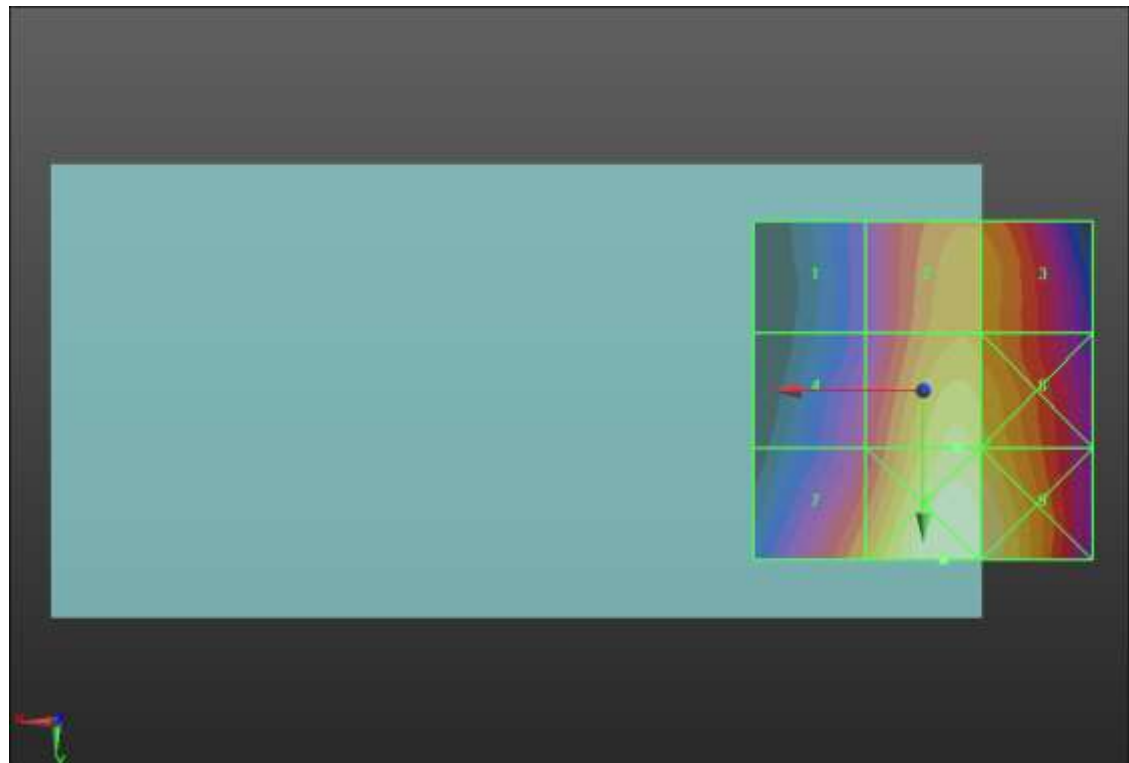
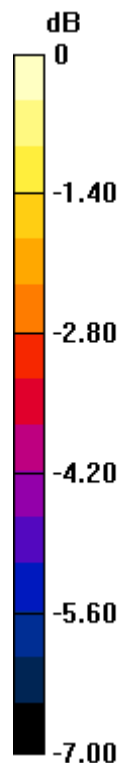
Applied MIF = 3.26 dB

RF audio interference level = 33.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 29.56 dBV/m	Grid 2 M4 32.21 dBV/m	Grid 3 M4 32.07 dBV/m
Grid 4 M4 30.46 dBV/m	Grid 5 M4 33.29 dBV/m	Grid 6 M4 32.92 dBV/m
Grid 7 M4 31.99 dBV/m	Grid 8 M4 34.08 dBV/m	Grid 9 M4 33.71 dBV/m



0 dB = 50.58 V/m = 34.08 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC1 E-Field measurement/RC1_SO3_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 = 20.62 V/m; Power Drift = -0.07 dB

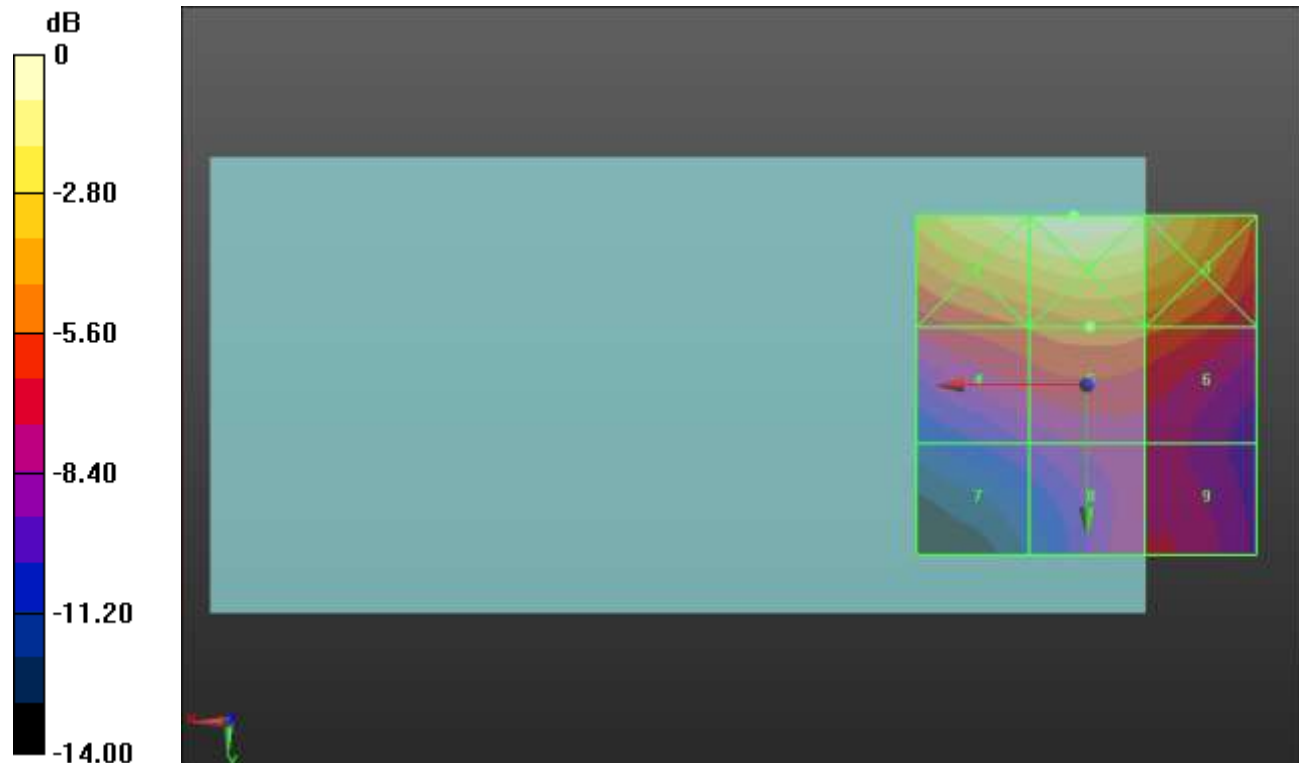
Applied MIF = 3.26 dB

RF audio interference level = 29.06 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 33.22 dBV/m	Grid 2 M3 33.91 dBV/m	Grid 3 M3 33.11 dBV/m
Grid 4 M4 28.42 dBV/m	Grid 5 M4 29.06 dBV/m	Grid 6 M4 28.7 dBV/m
Grid 7 M4 24.71 dBV/m	Grid 8 M4 26.56 dBV/m	Grid 9 M4 26.68 dBV/m



0 dB = 49.62 V/m = 33.91 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC1 E-Field measurement/RC1_SO3_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 = 18.78 V/m; Power Drift = -0.02 dB

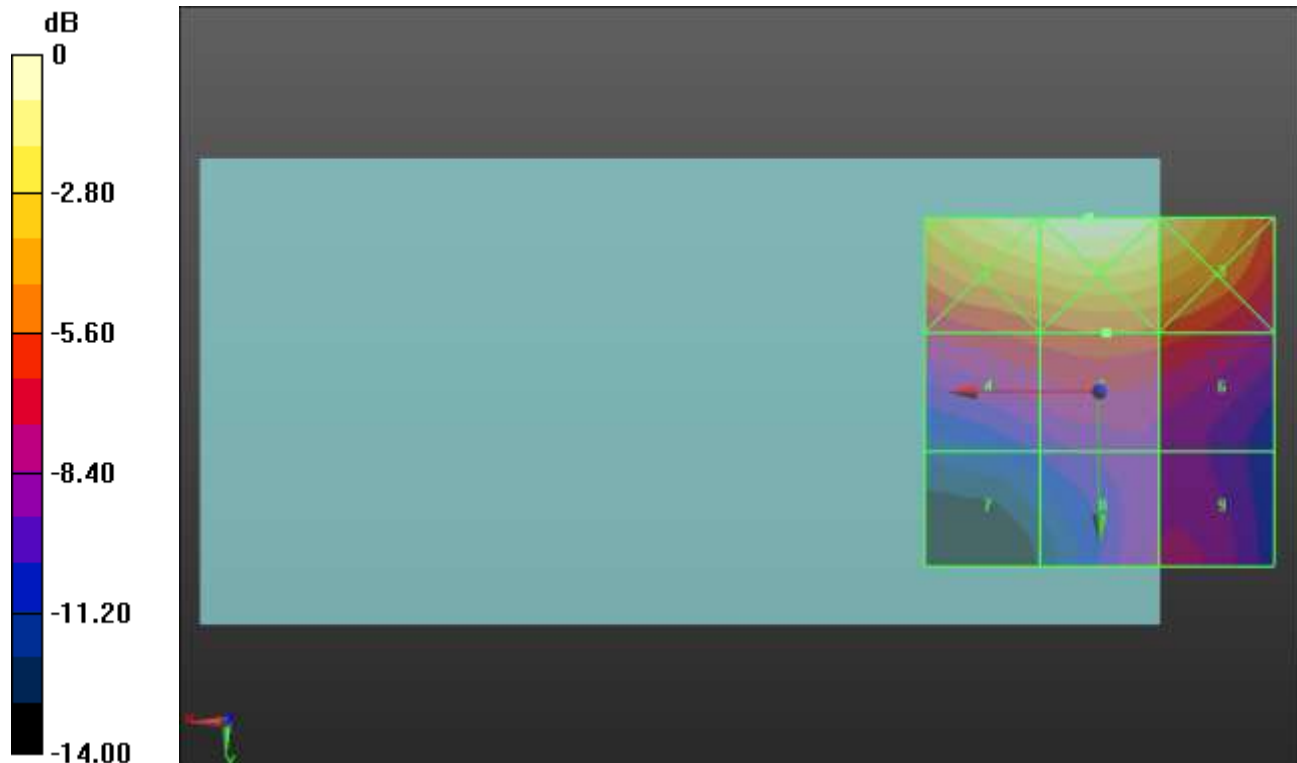
Applied MIF = 3.26 dB

RF audio interference level = 28.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 33.02 dBV/m	Grid 2 M3 33.71 dBV/m	Grid 3 M3 32.7 dBV/m
Grid 4 M4 27.69 dBV/m	Grid 5 M4 28.15 dBV/m	Grid 6 M4 27.83 dBV/m
Grid 7 M4 23.61 dBV/m	Grid 8 M4 25.52 dBV/m	Grid 9 M4 25.61 dBV/m



0 dB = 48.46 V/m = 33.71 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

CDMA BC1 E-Field measurement/RC1_SO3_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 = 17.51 V/m; Power Drift = 0.05 dB

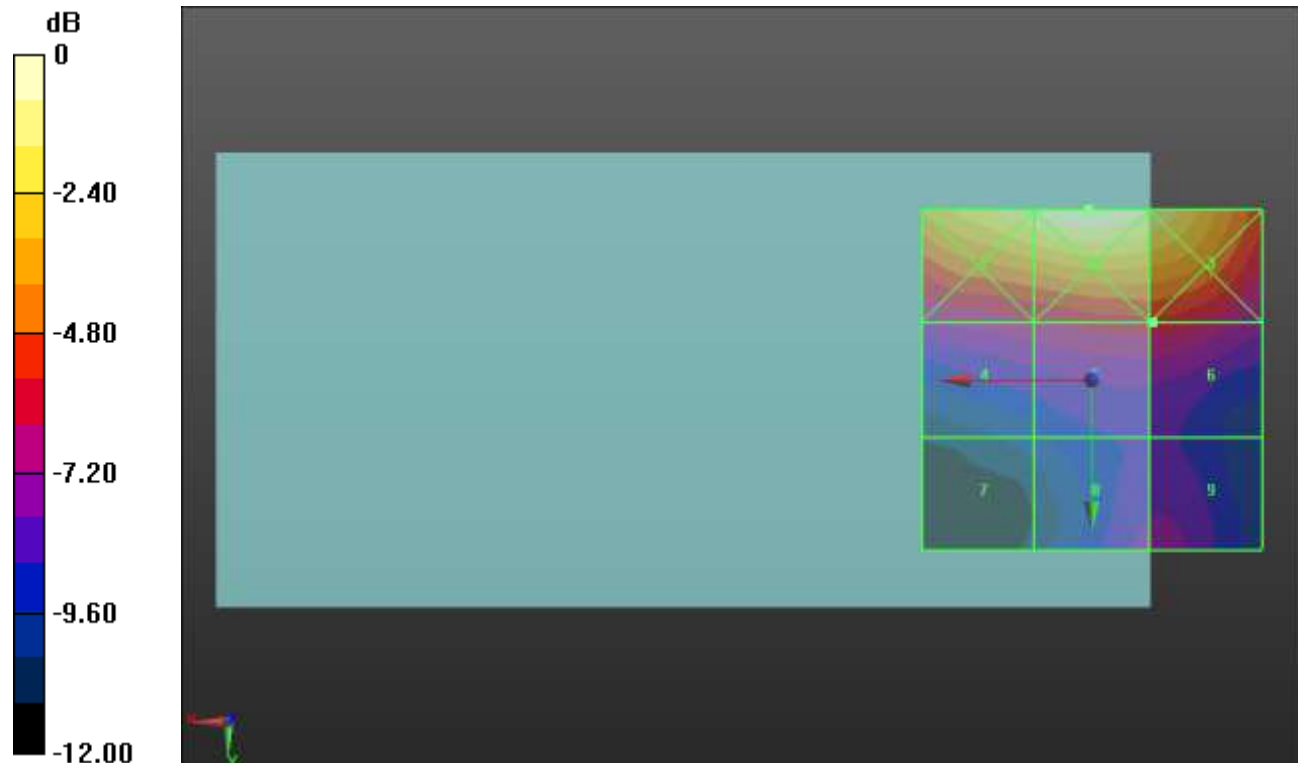
Applied MIF = 3.26 dB

RF audio interference level = 27.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M3 32.8 dBV/m	Grid 2 M3 33.59 dBV/m	Grid 3 M3 32.82 dBV/m
Grid 4 M4 27.13 dBV/m	Grid 5 M4 27.82 dBV/m	Grid 6 M4 27.83 dBV/m
Grid 7 M4 23.71 dBV/m	Grid 8 M4 25.97 dBV/m	Grid 9 M4 26.01 dBV/m



0 dB = 47.78 V/m = 33.58 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.3 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.3 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC10 E-Field measurement/RC1_SO3_ch 450/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.96 V/m; Power Drift = -0.08 dB

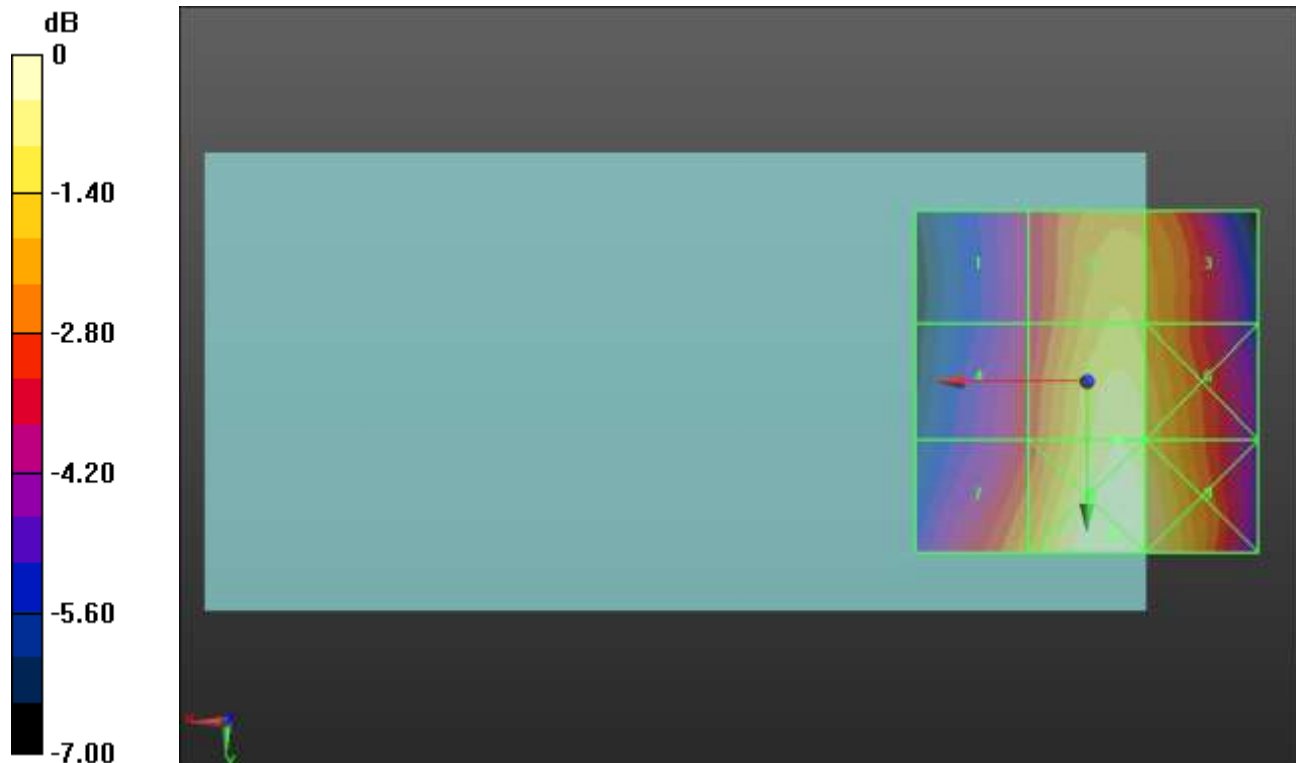
Applied MIF = 3.26 dB

RF audio interference level = 33.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.84 dBV/m	Grid 2 M4 32.22 dBV/m	Grid 3 M4 31.96 dBV/m
Grid 4 M4 30.38 dBV/m	Grid 5 M4 33.04 dBV/m	Grid 6 M4 32.64 dBV/m
Grid 7 M4 31.66 dBV/m	Grid 8 M4 33.53 dBV/m	Grid 9 M4 33.11 dBV/m



0 dB = 47.46 V/m = 33.53 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC10 E-Field measurement/RC1_SO3_ch 560/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 50.68 V/m; Power Drift = -0.04 dB

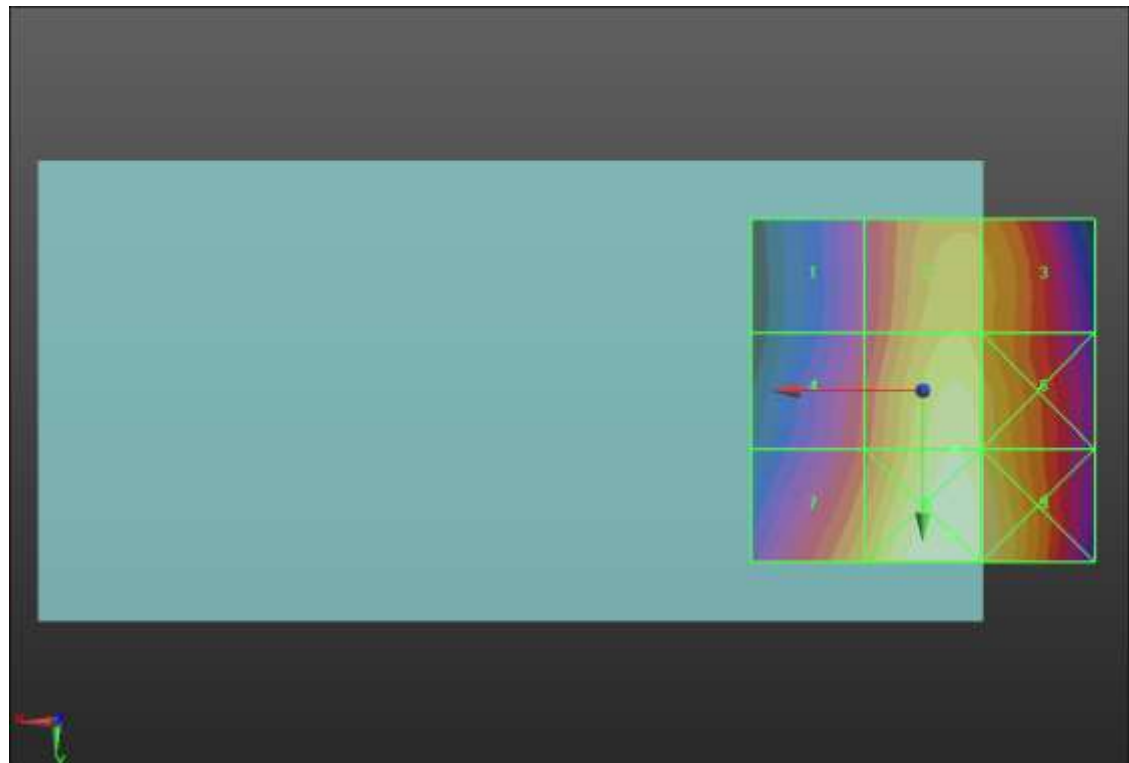
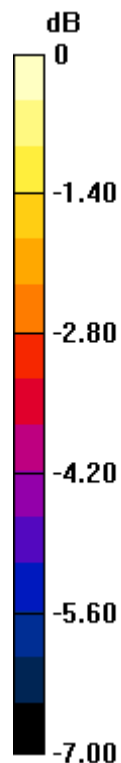
Applied MIF = 3.26 dB

RF audio interference level = 33.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.08 dBV/m	Grid 2 M4 32.44 dBV/m	Grid 3 M4 32.19 dBV/m
Grid 4 M4 30.82 dBV/m	Grid 5 M4 33.36 dBV/m	Grid 6 M4 32.9 dBV/m
Grid 7 M4 32.04 dBV/m	Grid 8 M4 33.82 dBV/m	Grid 9 M4 33.36 dBV/m



0 dB = 49.06 V/m = 33.81 dBV/m

HAC-RF Emission (UAT 1)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.75 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 822.75 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

CDMA BC10 E-Field measurement/RC1_SO3_ch 670/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 50.27 V/m; Power Drift = -0.01 dB

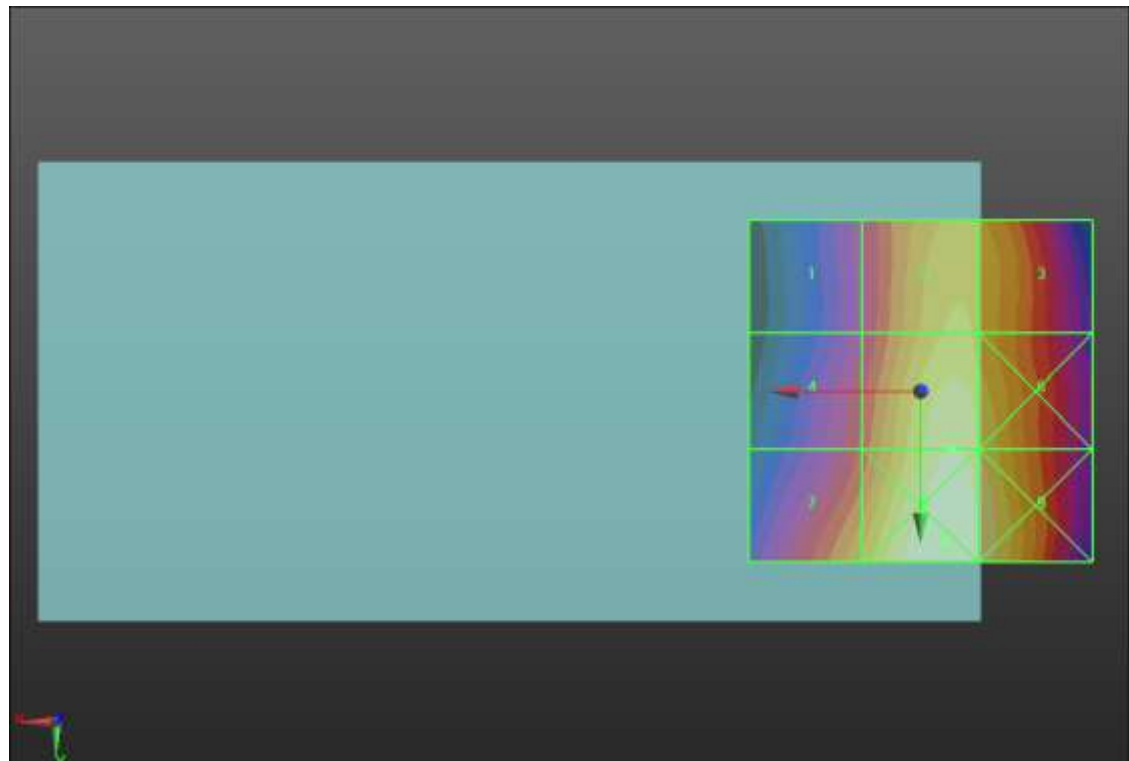
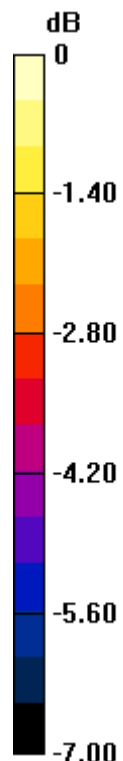
Applied MIF = 3.26 dB

RF audio interference level = 33.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.92 dBV/m	Grid 2 M4 32.42 dBV/m	Grid 3 M4 32.23 dBV/m
Grid 4 M4 30.65 dBV/m	Grid 5 M4 33.28 dBV/m	Grid 6 M4 32.86 dBV/m
Grid 7 M4 31.98 dBV/m	Grid 8 M4 33.71 dBV/m	Grid 9 M4 33.24 dBV/m



0 dB = 48.49 V/m = 33.71 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11b E-Field measurement/IEEE 802.11b_DSSS 11 Mbps_ch 2/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.59 V/m; Power Drift = 1.92 dB

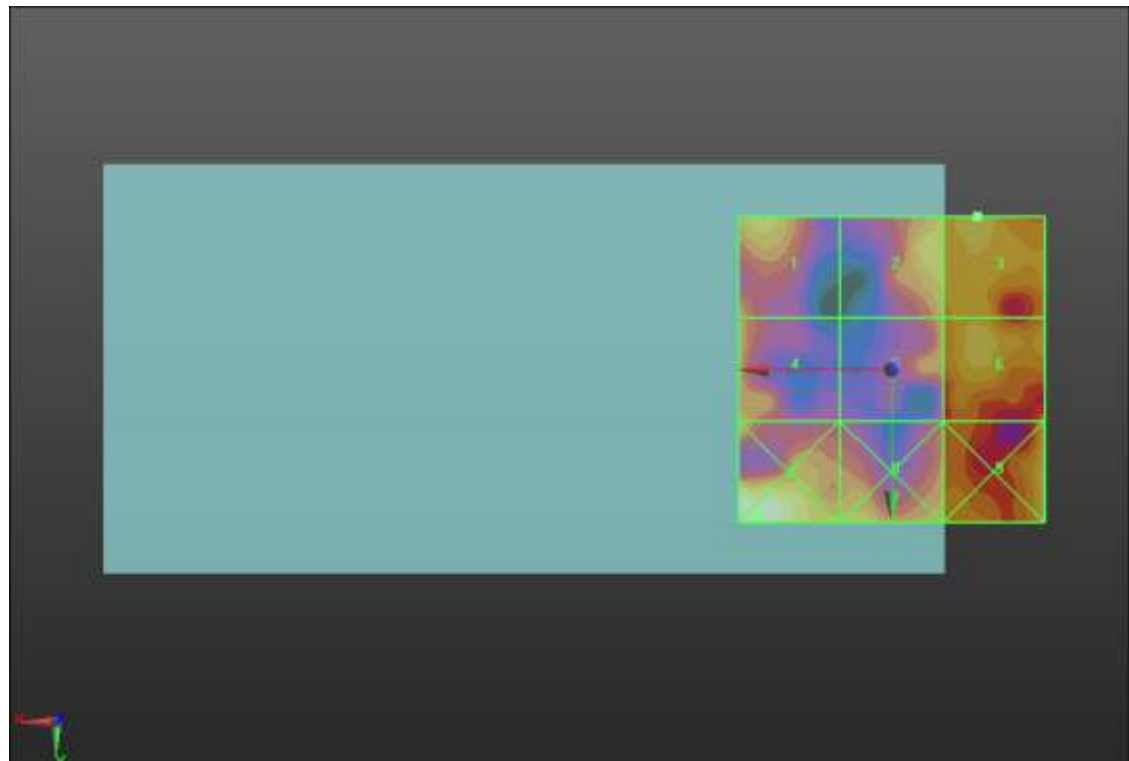
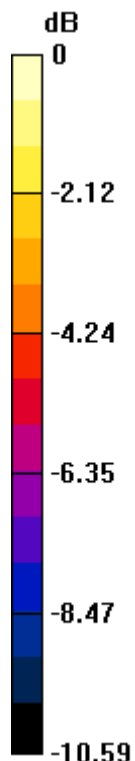
Applied MIF = -2.02 dB

RF audio interference level = 24.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.55 dBV/m	Grid 2 M4 23.52 dBV/m	Grid 3 M4 24.31 dBV/m
Grid 4 M4 23.04 dBV/m	Grid 5 M4 22.42 dBV/m	Grid 6 M4 24.09 dBV/m
Grid 7 M4 25.77 dBV/m	Grid 8 M4 23.69 dBV/m	Grid 9 M4 24.66 dBV/m



0 dB = 19.44 V/m = 25.77 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11b E-Field measurement/IEEE 802.11b_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 = 15.65 V/m; Power Drift = -0.14 dB

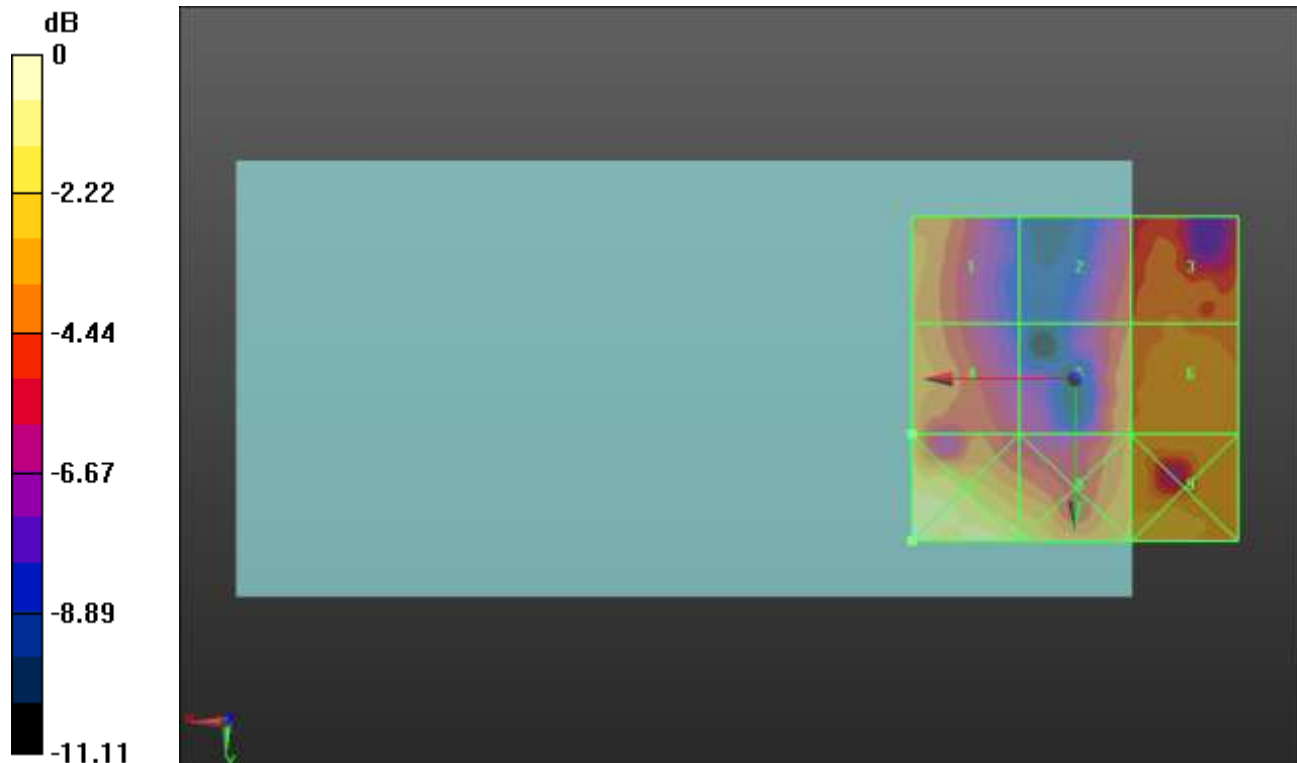
Applied MIF = -2.02 dB

RF audio interference level = 24.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.78 dBV/m	Grid 2 M4 22.66 dBV/m	Grid 3 M4 23.45 dBV/m
Grid 4 M4 24.34 dBV/m	Grid 5 M4 23.47 dBV/m	Grid 6 M4 24 dBV/m
Grid 7 M4 27.08 dBV/m	Grid 8 M4 25.32 dBV/m	Grid 9 M4 24.58 dBV/m



0 dB = 22.59 V/m = 27.08 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11b E-Field measurement/IEEE 802.11b_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 = 14.94 V/m; Power Drift = -1.40 dB

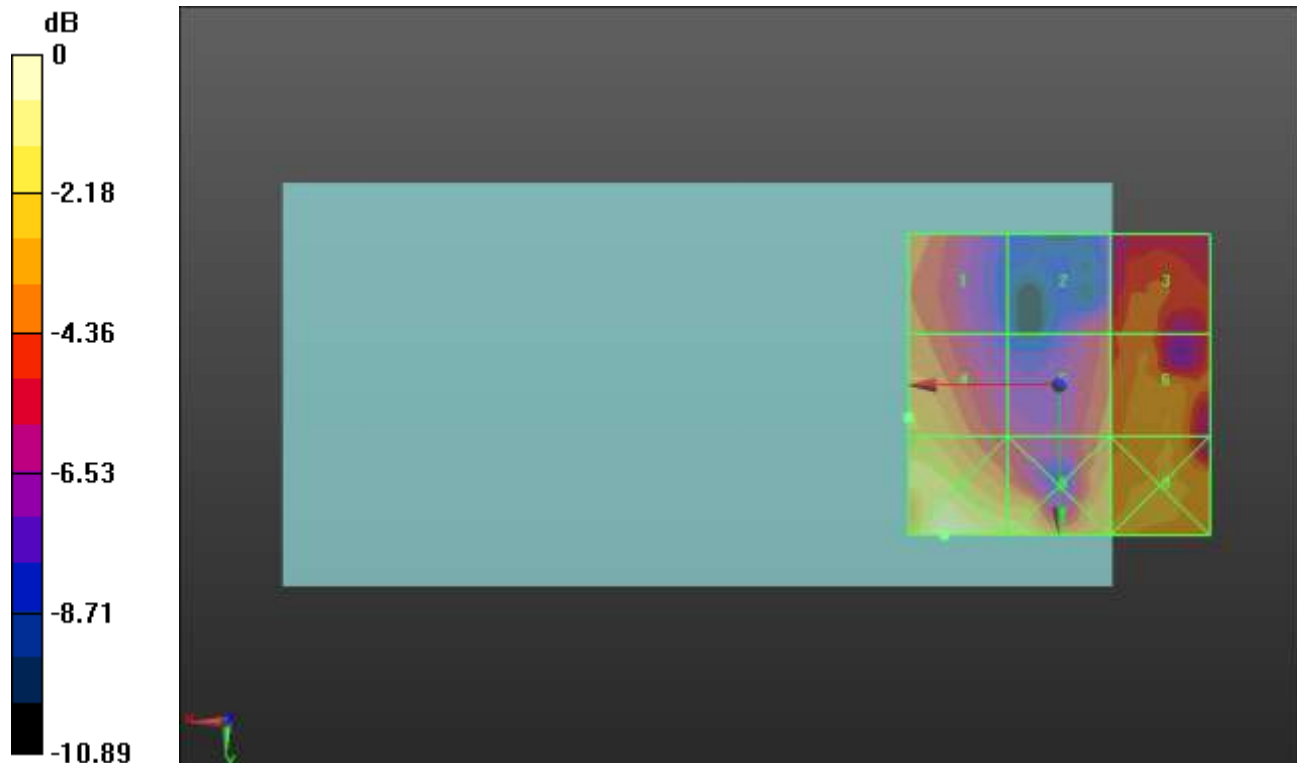
Applied MIF = -2.02 dB

RF audio interference level = 22.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.03 dBV/m	Grid 2 M4 21.11 dBV/m	Grid 3 M4 21.97 dBV/m
Grid 4 M4 22.98 dBV/m	Grid 5 M4 21.86 dBV/m	Grid 6 M4 22.91 dBV/m
Grid 7 M4 25.79 dBV/m	Grid 8 M4 24.15 dBV/m	Grid 9 M4 23.05 dBV/m



0 dB = 19.47 V/m = 25.79 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11g E-Field measurement/IEEE 802.11g_DSSS 54 Mbps_ch 3/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 15.65 V/m; Power Drift = -0.14 dB

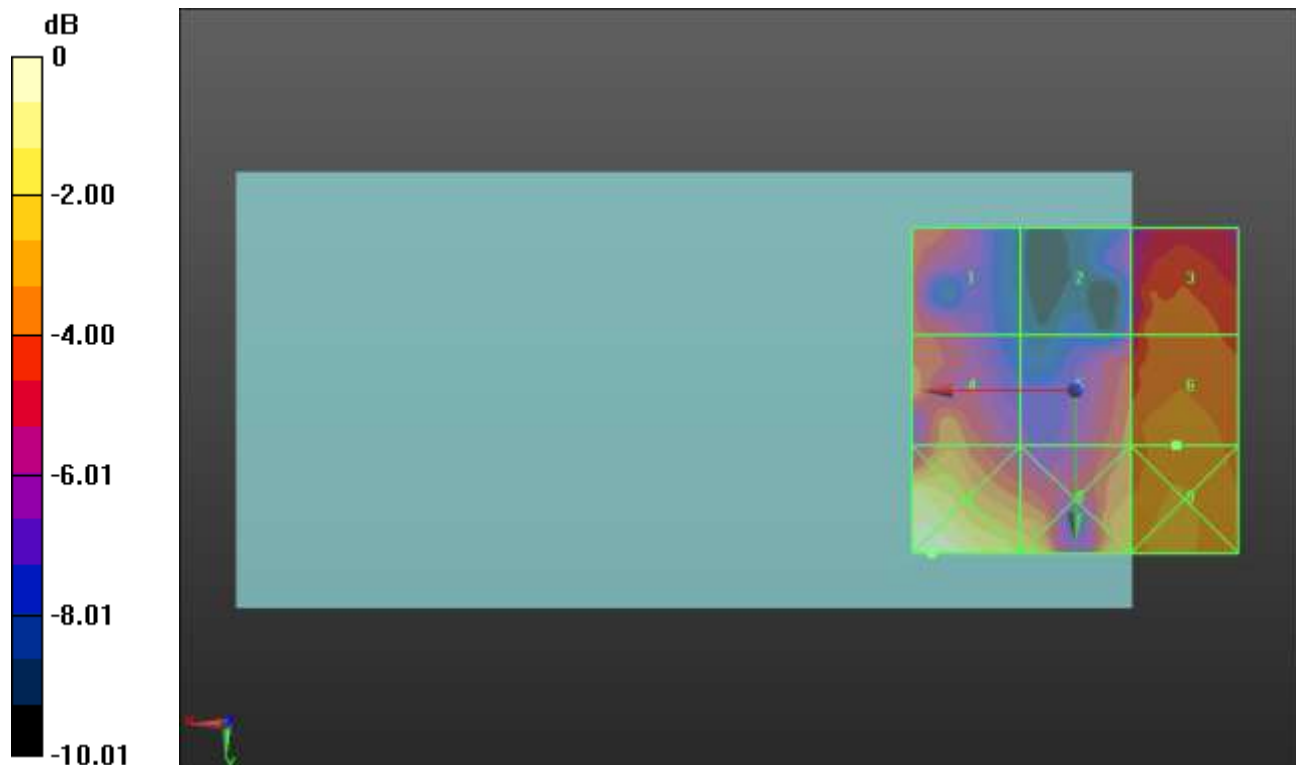
Applied MIF = 0.12 dB

RF audio interference level = 26.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26 dBV/m	Grid 2 M4 23.99 dBV/m	Grid 3 M4 26.29 dBV/m
Grid 4 M4 26.56 dBV/m	Grid 5 M4 26.17 dBV/m	Grid 6 M4 26.97 dBV/m
Grid 7 M4 29.88 dBV/m	Grid 8 M4 28.12 dBV/m	Grid 9 M4 27.44 dBV/m



0 dB = 31.20 V/m = 29.88 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11g E-Field measurement/IEEE 802.11g_DSSS 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 = 14.64 V/m; Power Drift = 1.13 dB

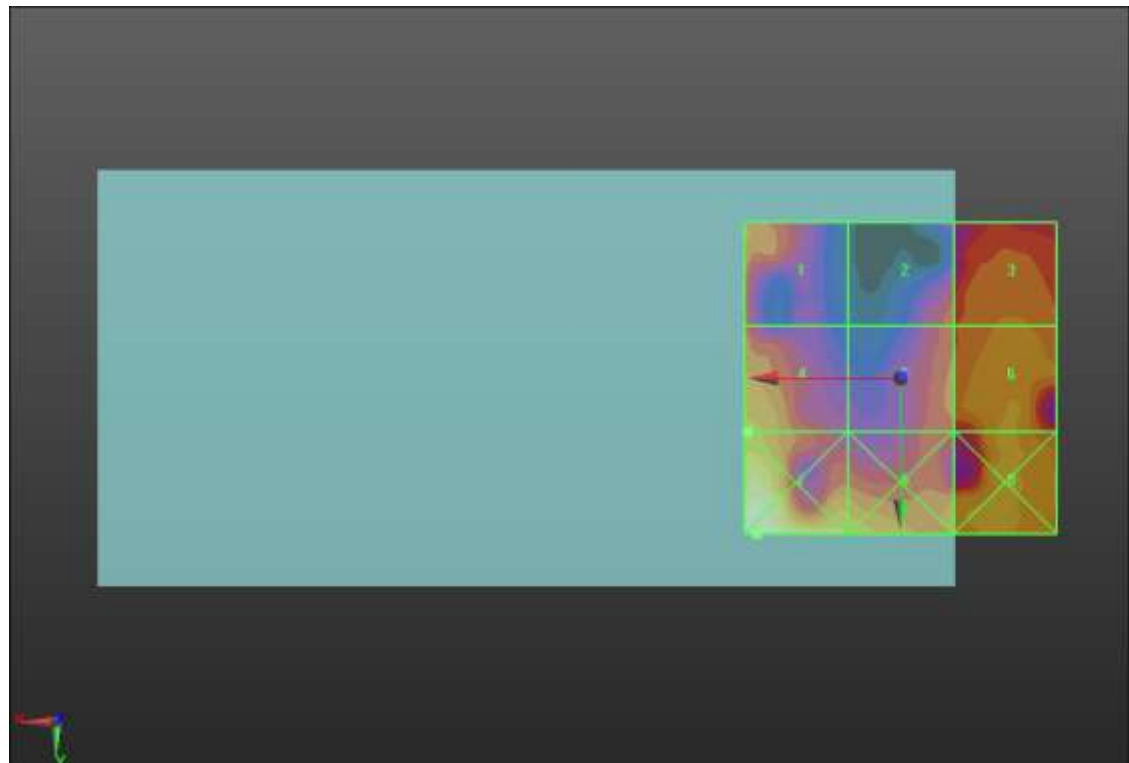
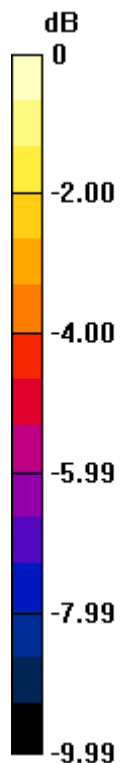
Applied MIF = 0.12 dB

RF audio interference level = 26.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.72 dBV/m	Grid 2 M4 24.81 dBV/m	Grid 3 M4 25.68 dBV/m
Grid 4 M4 26.48 dBV/m	Grid 5 M4 25.32 dBV/m	Grid 6 M4 26.45 dBV/m
Grid 7 M4 28.94 dBV/m	Grid 8 M4 27.13 dBV/m	Grid 9 M4 26.69 dBV/m



0 dB = 27.98 V/m = 28.94 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11g E-Field measurement/IEEE 802.11g_DSSS 54 Mbps_ch 9/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.07 V/m; Power Drift = 0.33 dB

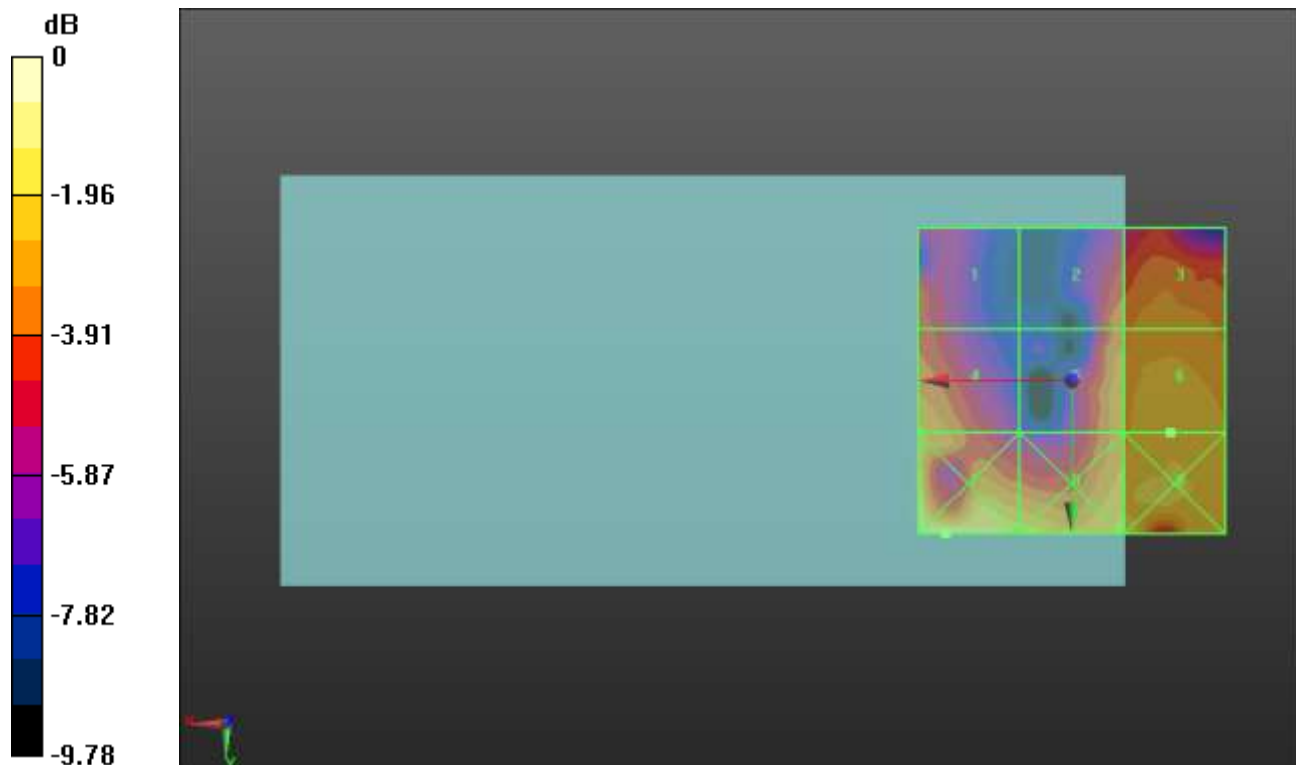
Applied MIF = 0.12 dB

RF audio interference level = 25.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.56 dBV/m	Grid 2 M4 24.38 dBV/m	Grid 3 M4 24.87 dBV/m
Grid 4 M4 25.52 dBV/m	Grid 5 M4 25.05 dBV/m	Grid 6 M4 25.71 dBV/m
Grid 7 M4 27.79 dBV/m	Grid 8 M4 26.27 dBV/m	Grid 9 M4 26.21 dBV/m



0 dB = 24.52 V/m = 27.79 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 20.36 V/m; Power Drift = -0.66 dB

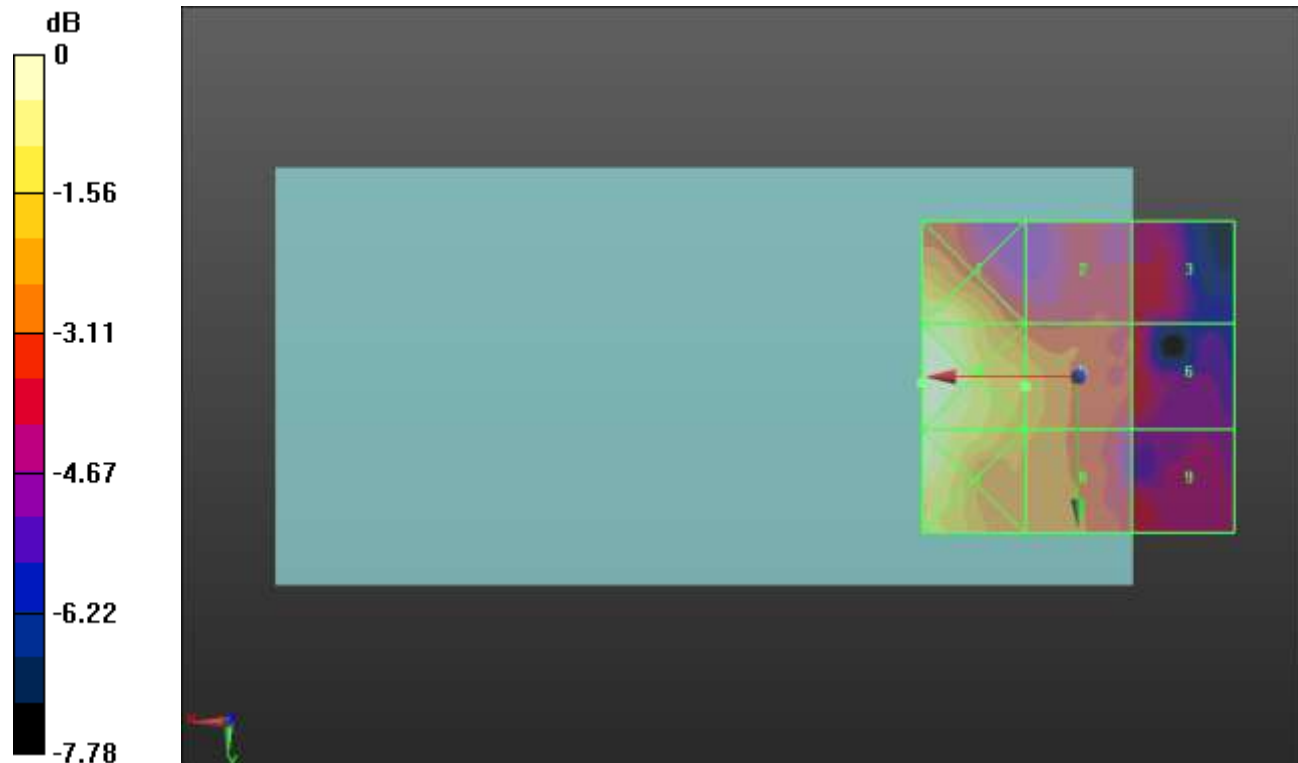
Applied MIF = -3.15 dB

RF audio interference level = 22.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.32 dBV/m	Grid 2 M4 21.56 dBV/m	Grid 3 M4 21.26 dBV/m
Grid 4 M4 25.01 dBV/m	Grid 5 M4 22.9 dBV/m	Grid 6 M4 21.46 dBV/m
Grid 7 M4 24.8 dBV/m	Grid 8 M4 22.55 dBV/m	Grid 9 M4 21.22 dBV/m



0 dB = 17.80 V/m = 25.01 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 21.28 V/m; Power Drift = 0.00 dB

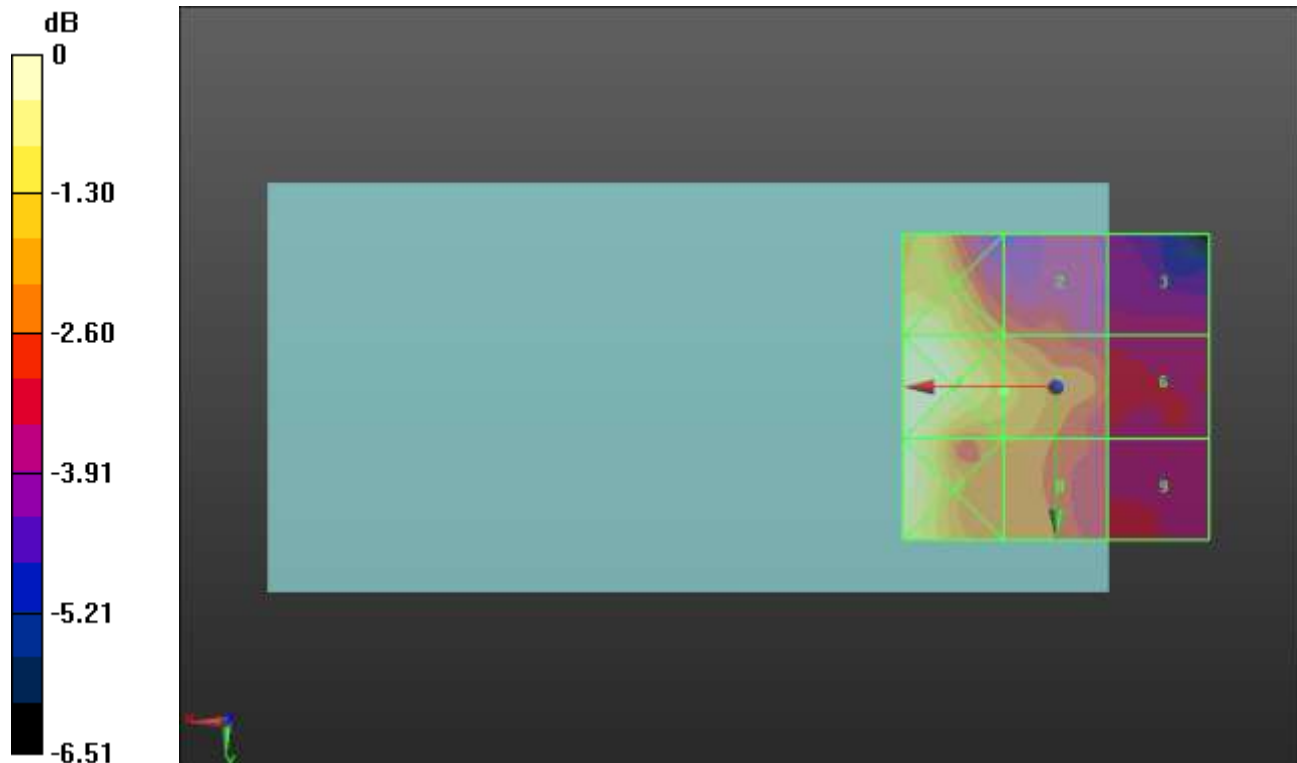
Applied MIF = -3.15 dB

RF audio interference level = 22.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.85 dBV/m	Grid 2 M4 21.83 dBV/m	Grid 3 M4 20.63 dBV/m
Grid 4 M4 24.27 dBV/m	Grid 5 M4 22.75 dBV/m	Grid 6 M4 21.22 dBV/m
Grid 7 M4 24.15 dBV/m	Grid 8 M4 22.14 dBV/m	Grid 9 M4 21.08 dBV/m



0 dB = 16.34 V/m = 24.27 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 19.41 V/m; Power Drift = 0.68 dB

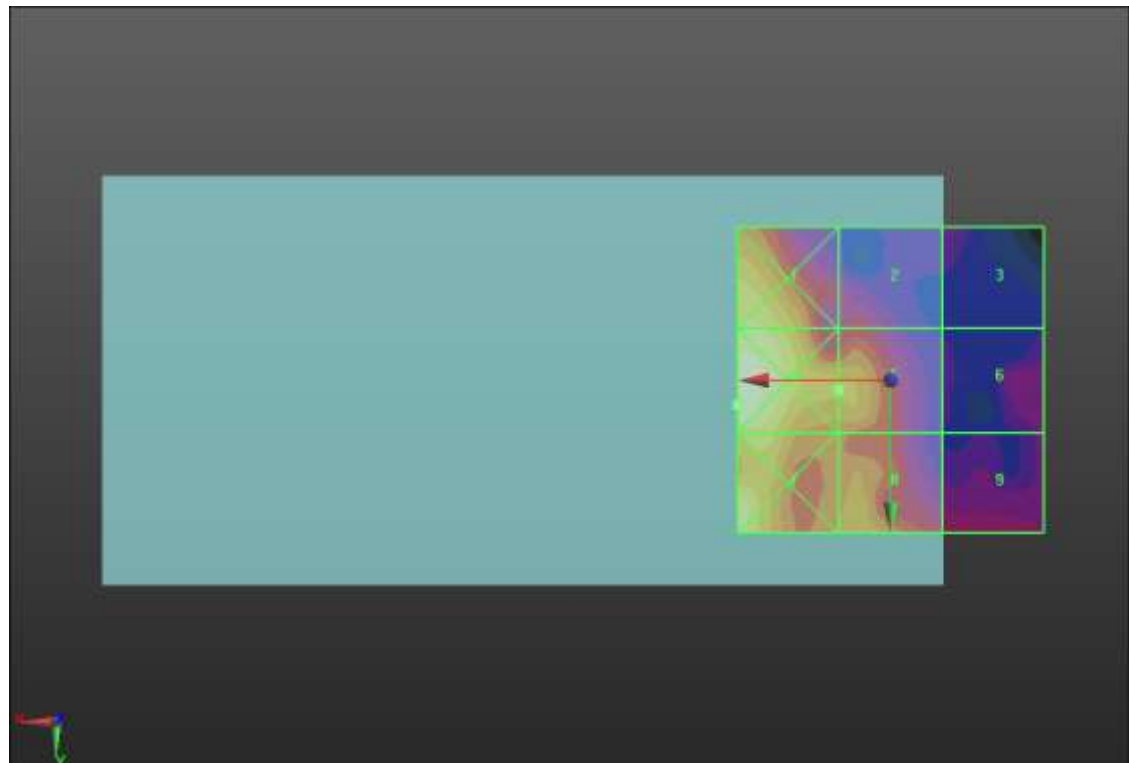
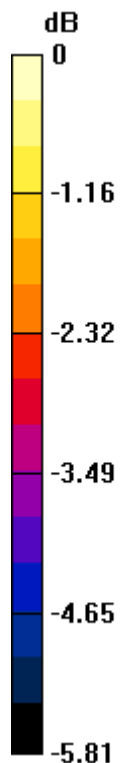
Applied MIF = -3.15 dB

RF audio interference level = 23.21 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.97 dBV/m	Grid 2 M4 21.72 dBV/m	Grid 3 M4 20.92 dBV/m
Grid 4 M4 24.62 dBV/m	Grid 5 M4 23.21 dBV/m	Grid 6 M4 21.17 dBV/m
Grid 7 M4 24.27 dBV/m	Grid 8 M4 23.14 dBV/m	Grid 9 M4 21.58 dBV/m



0 dB = 17.03 V/m = 24.62 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 19.47 V/m; Power Drift = -0.08 dB

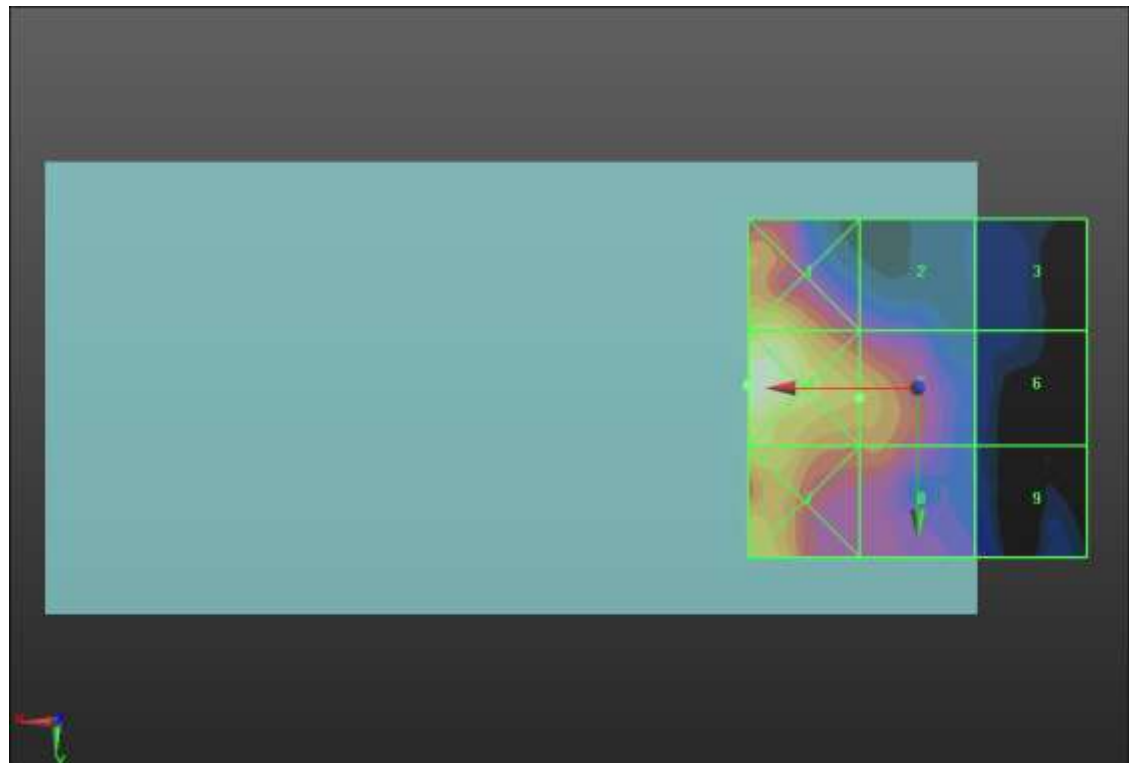
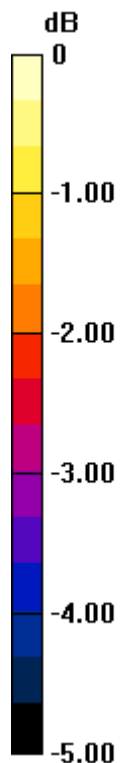
Applied MIF = -3.15 dB

RF audio interference level = 21.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.17 dBV/m	Grid 2 M4 20.13 dBV/m	Grid 3 M4 18.9 dBV/m
Grid 4 M4 22.98 dBV/m	Grid 5 M4 21.58 dBV/m	Grid 6 M4 19.05 dBV/m
Grid 7 M4 22.01 dBV/m	Grid 8 M4 21.09 dBV/m	Grid 9 M4 19.56 dBV/m



0 dB = 14.09 V/m = 22.98 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 22.16 V/m; Power Drift = -0.44 dB

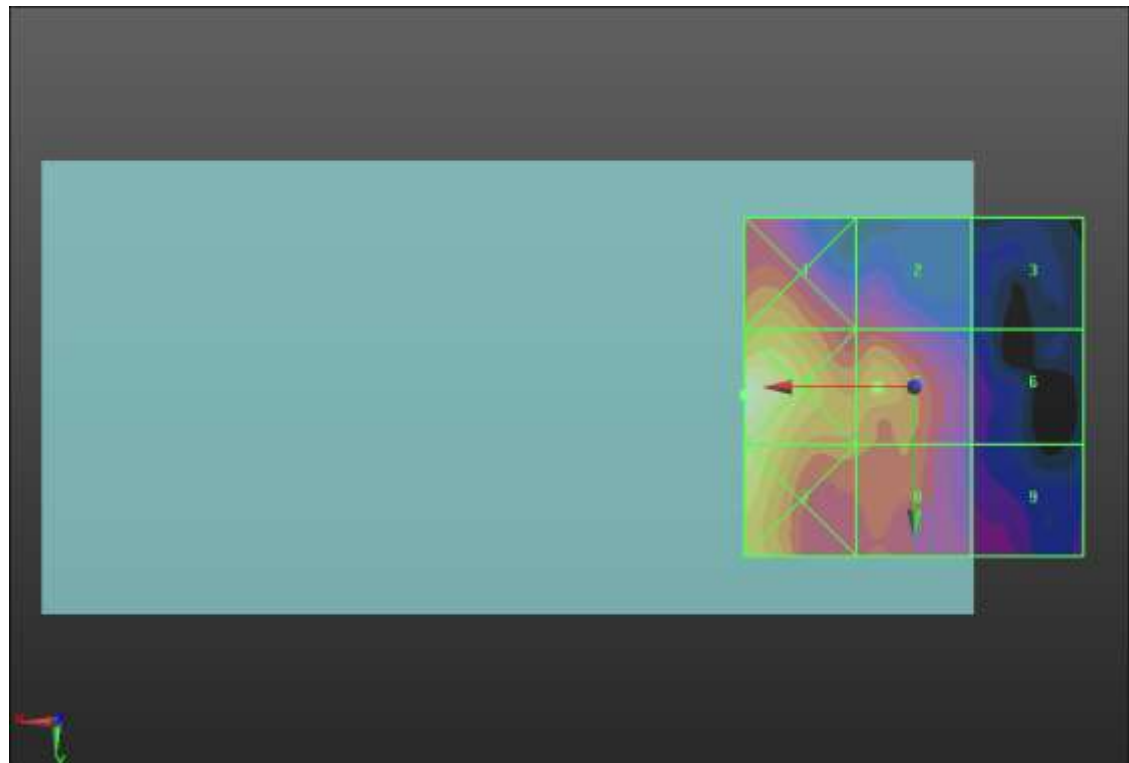
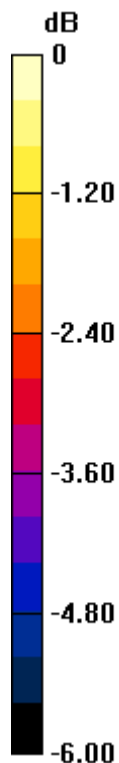
Applied MIF = -3.15 dB

RF audio interference level = 22.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.96 dBV/m	Grid 2 M4 20.51 dBV/m	Grid 3 M4 18.86 dBV/m
Grid 4 M4 23.48 dBV/m	Grid 5 M4 22.01 dBV/m	Grid 6 M4 19.58 dBV/m
Grid 7 M4 22.97 dBV/m	Grid 8 M4 21.23 dBV/m	Grid 9 M4 19.86 dBV/m



0 dB = 14.93 V/m = 23.48 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 20.69 V/m; Power Drift = -0.16 dB

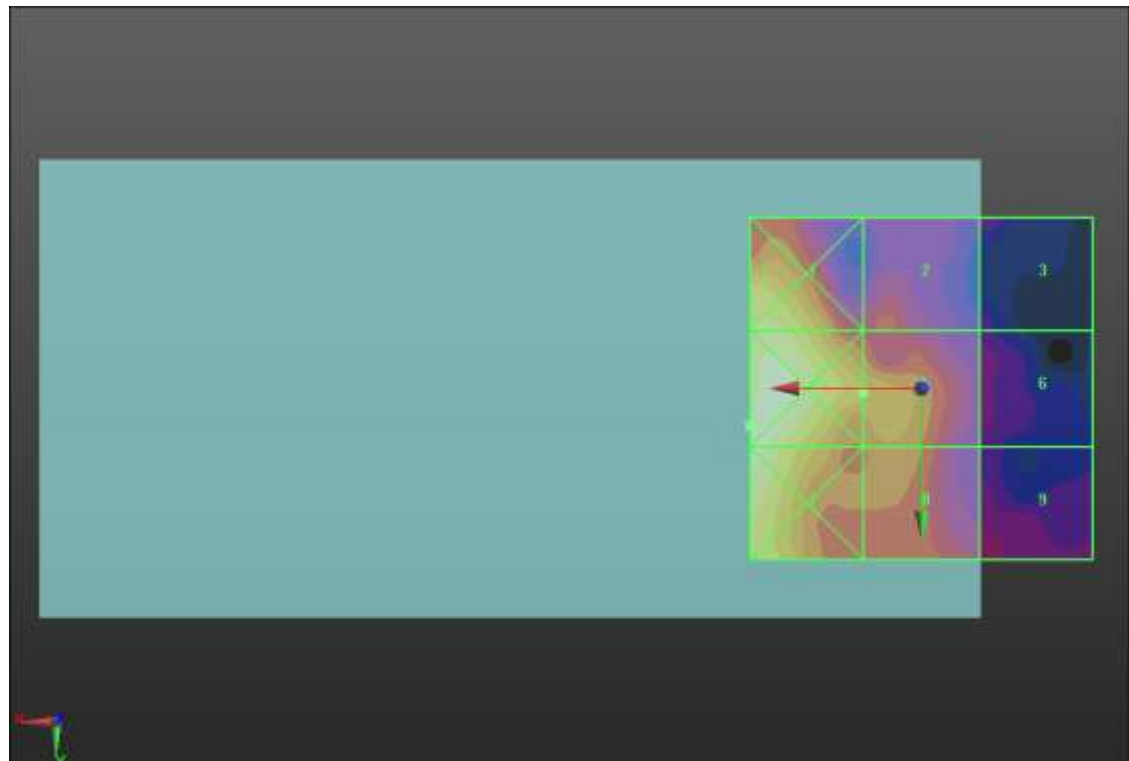
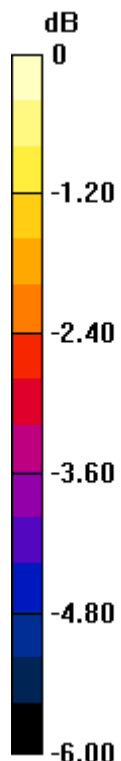
Applied MIF = -3.15 dB

RF audio interference level = 21.35 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.27 dBV/m	Grid 2 M4 20.27 dBV/m	Grid 3 M4 19.08 dBV/m
Grid 4 M4 22.9 dBV/m	Grid 5 M4 21.35 dBV/m	Grid 6 M4 19.2 dBV/m
Grid 7 M4 22.73 dBV/m	Grid 8 M4 20.89 dBV/m	Grid 9 M4 19.69 dBV/m



0 dB = 13.97 V/m = 22.90 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 27.03 V/m; Power Drift = -0.39 dB

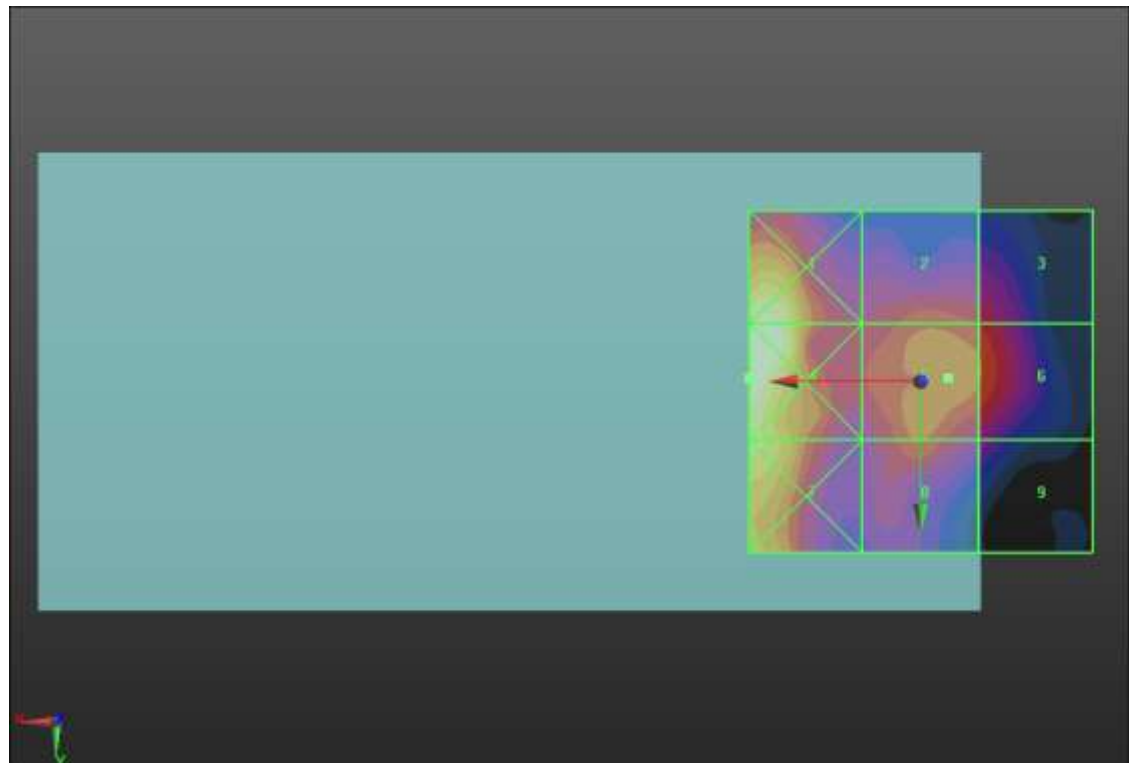
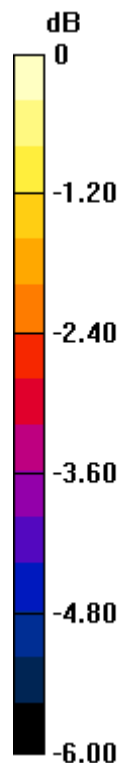
Applied MIF = -3.15 dB

RF audio interference level = 22.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.46 dBV/m	Grid 2 M4 22.18 dBV/m	Grid 3 M4 21.82 dBV/m
Grid 4 M4 24.67 dBV/m	Grid 5 M4 22.66 dBV/m	Grid 6 M4 22.34 dBV/m
Grid 7 M4 24.04 dBV/m	Grid 8 M4 22.31 dBV/m	Grid 9 M4 21.08 dBV/m



0 dB = 17.11 V/m = 24.67 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 124/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.44 V/m; Power Drift = 0.33 dB

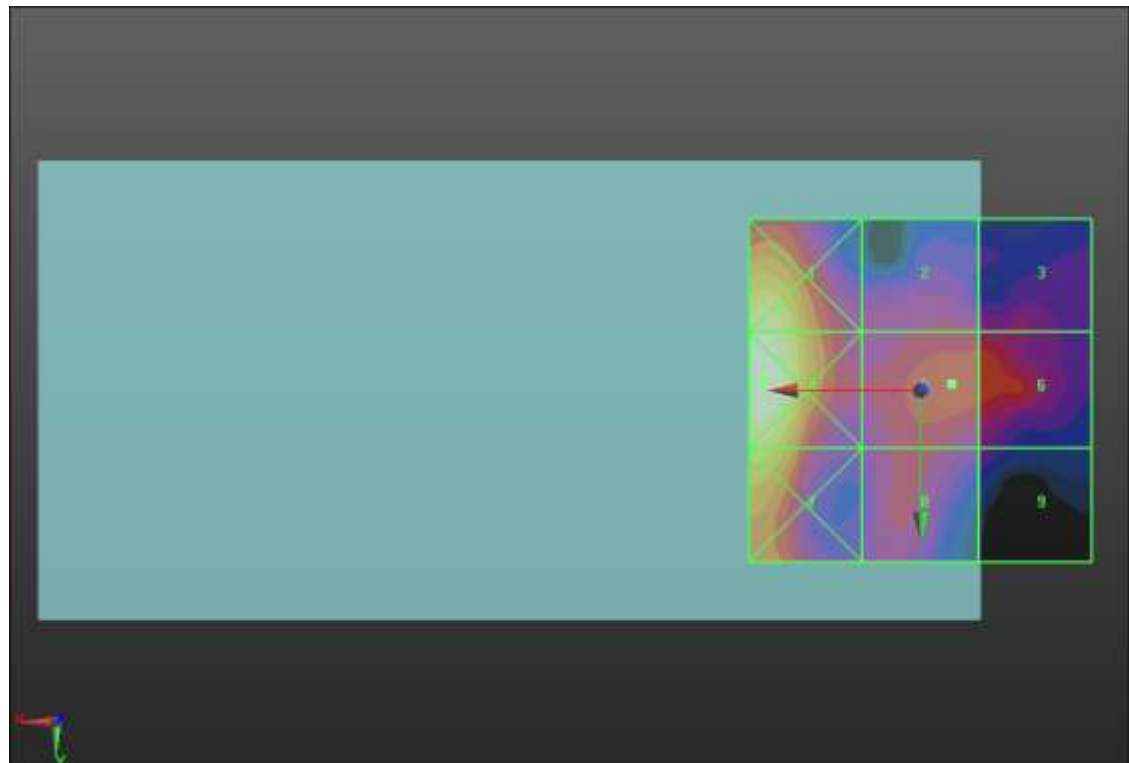
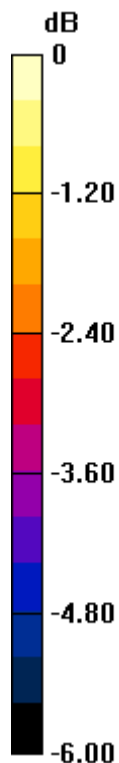
Applied MIF = -3.15 dB

RF audio interference level = 22.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.36 dBV/m	Grid 2 M4 21.71 dBV/m	Grid 3 M4 21.36 dBV/m
Grid 4 M4 24.74 dBV/m	Grid 5 M4 22.28 dBV/m	Grid 6 M4 22.24 dBV/m
Grid 7 M4 23.82 dBV/m	Grid 8 M4 21.75 dBV/m	Grid 9 M4 20.97 dBV/m



0 dB = 17.25 V/m = 24.74 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 18.49 V/m; Power Drift = 0.36 dB

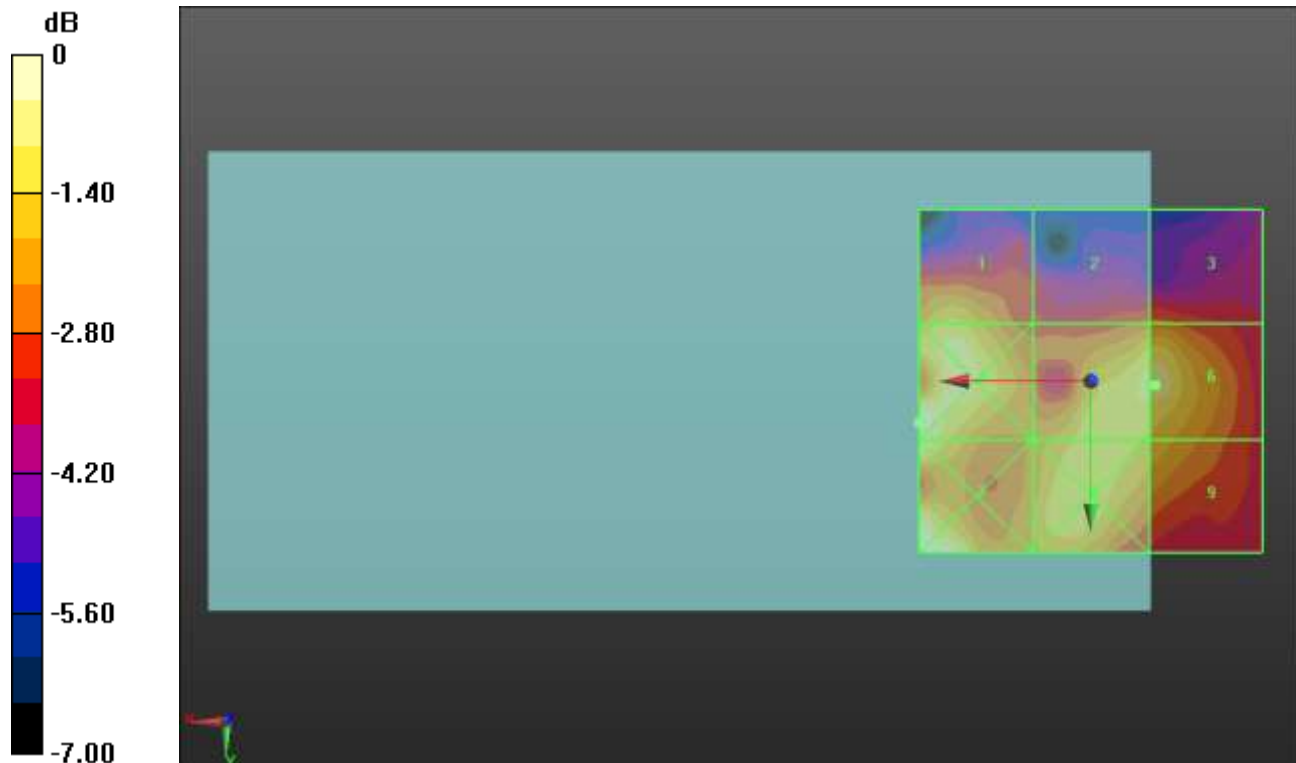
Applied MIF = -3.15 dB

RF audio interference level = 20.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.7 dBV/m	Grid 2 M4 18.35 dBV/m	Grid 3 M4 18.37 dBV/m
Grid 4 M4 20.98 dBV/m	Grid 5 M4 20.33 dBV/m	Grid 6 M4 20.39 dBV/m
Grid 7 M4 20.94 dBV/m	Grid 8 M4 20.02 dBV/m	Grid 9 M4 19.51 dBV/m



0 dB = 11.20 V/m = 20.98 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 16.84 V/m; Power Drift = 0.38 dB

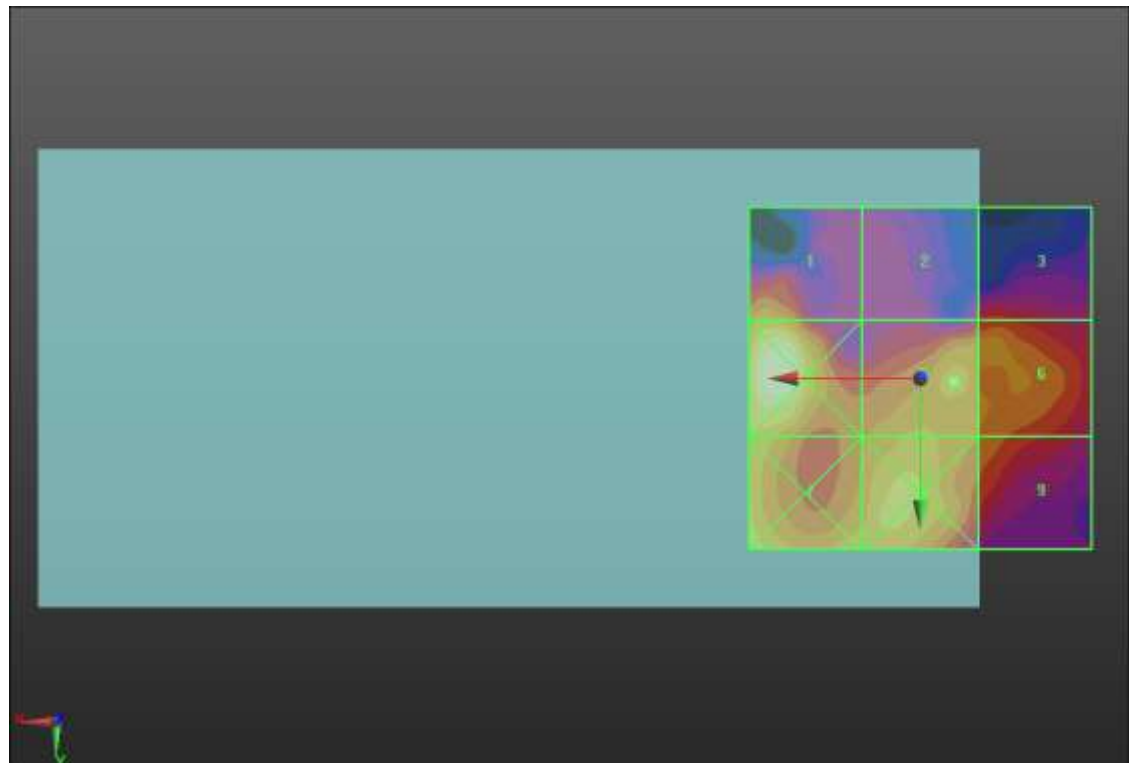
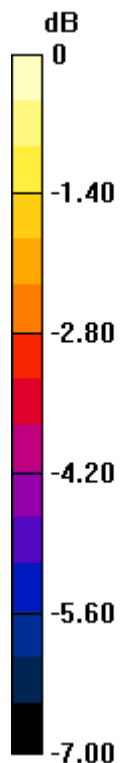
Applied MIF = -3.15 dB

RF audio interference level = 19.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.57 dBV/m	Grid 2 M4 17.76 dBV/m	Grid 3 M4 18.26 dBV/m
Grid 4 M4 21.32 dBV/m	Grid 5 M4 19.72 dBV/m	Grid 6 M4 19.42 dBV/m
Grid 7 M4 20.43 dBV/m	Grid 8 M4 20.05 dBV/m	Grid 9 M4 18.96 dBV/m



0 dB = 11.64 V/m = 21.32 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 17.63 V/m; Power Drift = 0.78 dB

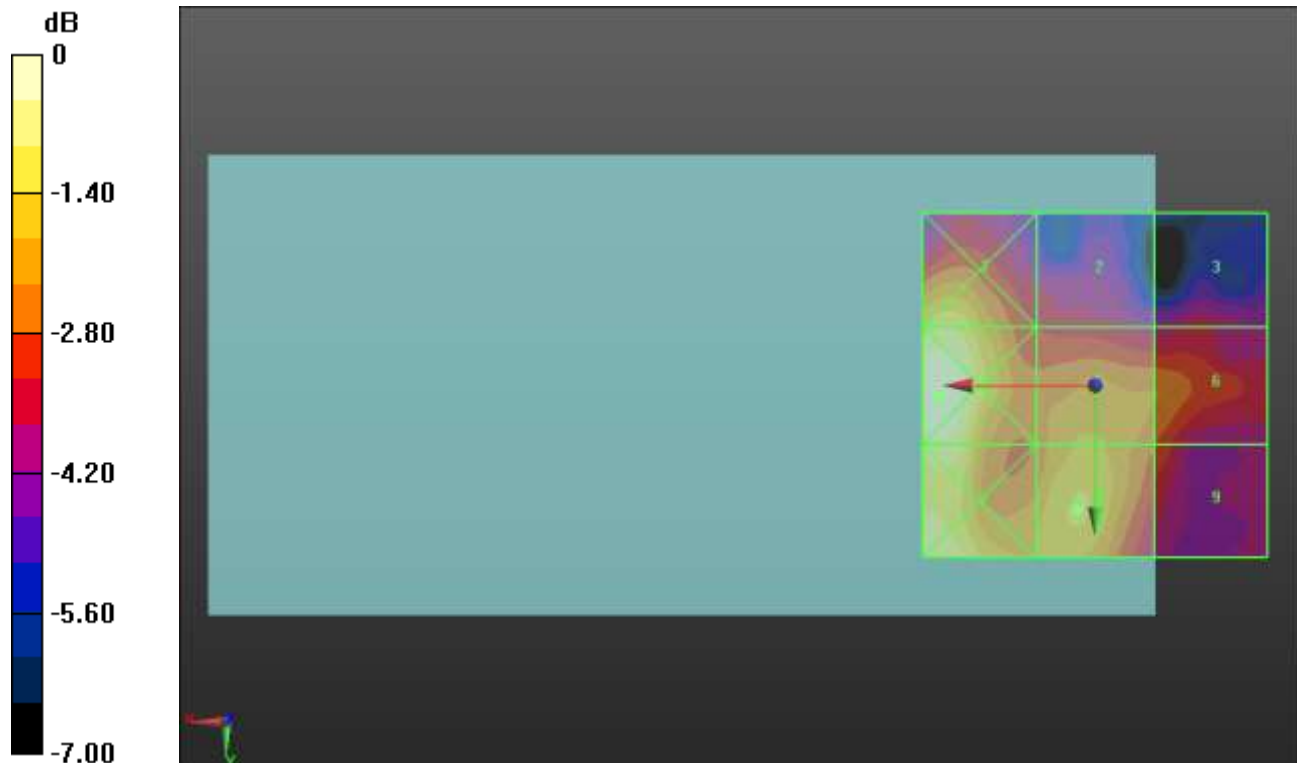
Applied MIF = -3.15 dB

RF audio interference level = 21.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.46 dBV/m	Grid 2 M4 19.15 dBV/m	Grid 3 M4 18.86 dBV/m
Grid 4 M4 22.39 dBV/m	Grid 5 M4 20.61 dBV/m	Grid 6 M4 20.09 dBV/m
Grid 7 M4 21.9 dBV/m	Grid 8 M4 21.06 dBV/m	Grid 9 M4 19.65 dBV/m



0 dB = 13.17 V/m = 22.39 dBV/m

HAC-RF Emission (LAT 3)

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/22/2019
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

802.11a E-Field measurement/IEEE 802.11a_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 = 19.44 V/m; Power Drift = -0.11 dB

Applied MIF = -3.15 dB

RF audio interference level = 21.00 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.75 dBV/m	Grid 2 M4 19.62 dBV/m	Grid 3 M4 18.57 dBV/m
Grid 4 M4 22.9 dBV/m	Grid 5 M4 20.67 dBV/m	Grid 6 M4 19.72 dBV/m
Grid 7 M4 22.55 dBV/m	Grid 8 M4 21 dBV/m	Grid 9 M4 19.59 dBV/m



0 dB = 13.97 V/m = 22.90 dBV/m