

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 = 48.34 V/m; Power Drift = -0.03 dB

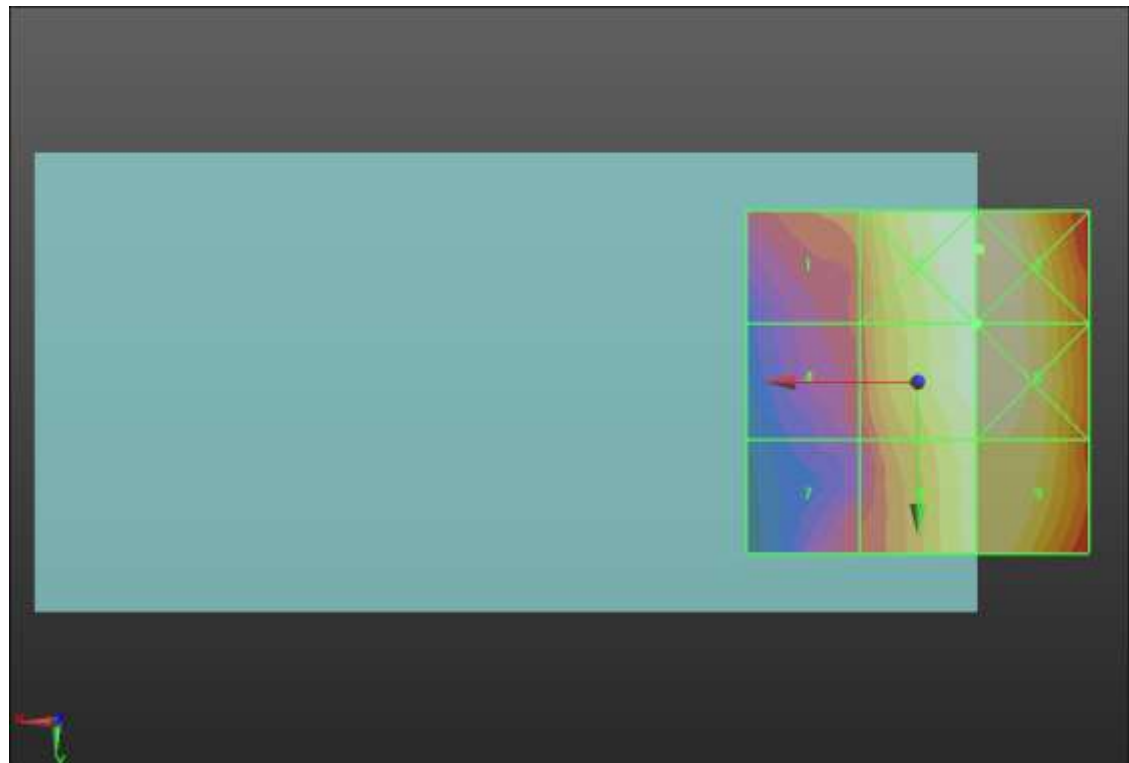
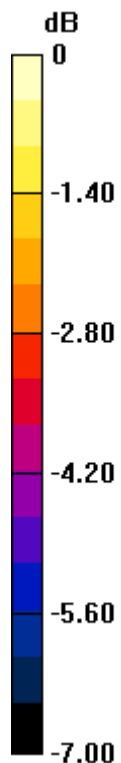
Applied MIF = 3.63 dB

RF audio interference level = 36.09 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.05 dBV/m	Grid 2 M4 36.3 dBV/m	Grid 3 M4 36.3 dBV/m
Grid 4 M4 33.33 dBV/m	Grid 5 M4 36.1 dBV/m	Grid 6 M4 36.15 dBV/m
Grid 7 M4 33.05 dBV/m	Grid 8 M4 35.71 dBV/m	Grid 9 M4 35.83 dBV/m



0 dB = 65.35 V/m = 36.30 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 = 54.20 V/m; Power Drift = -0.31 dB

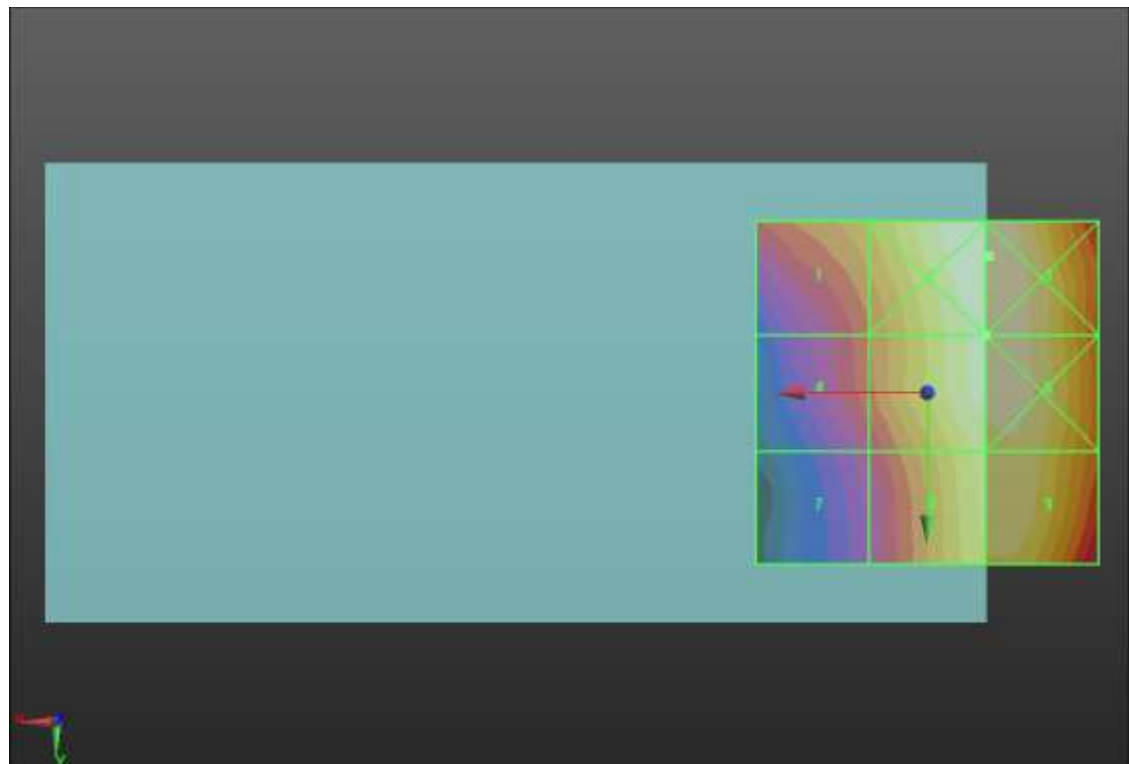
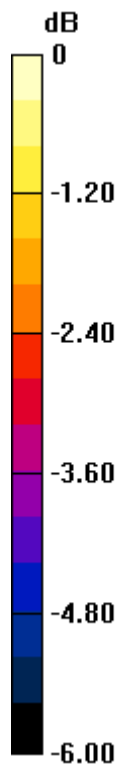
Applied MIF = 3.63 dB

RF audio interference level = 36.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 35.05 dBV/m	Grid 2 M4 36.63 dBV/m	Grid 3 M4 36.64 dBV/m
Grid 4 M4 34.2 dBV/m	Grid 5 M4 36.44 dBV/m	Grid 6 M4 36.49 dBV/m
Grid 7 M4 33.48 dBV/m	Grid 8 M4 36.04 dBV/m	Grid 9 M4 36.18 dBV/m



0 dB = 67.88 V/m = 36.63 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 = 49.80 V/m; Power Drift = 0.25 dB

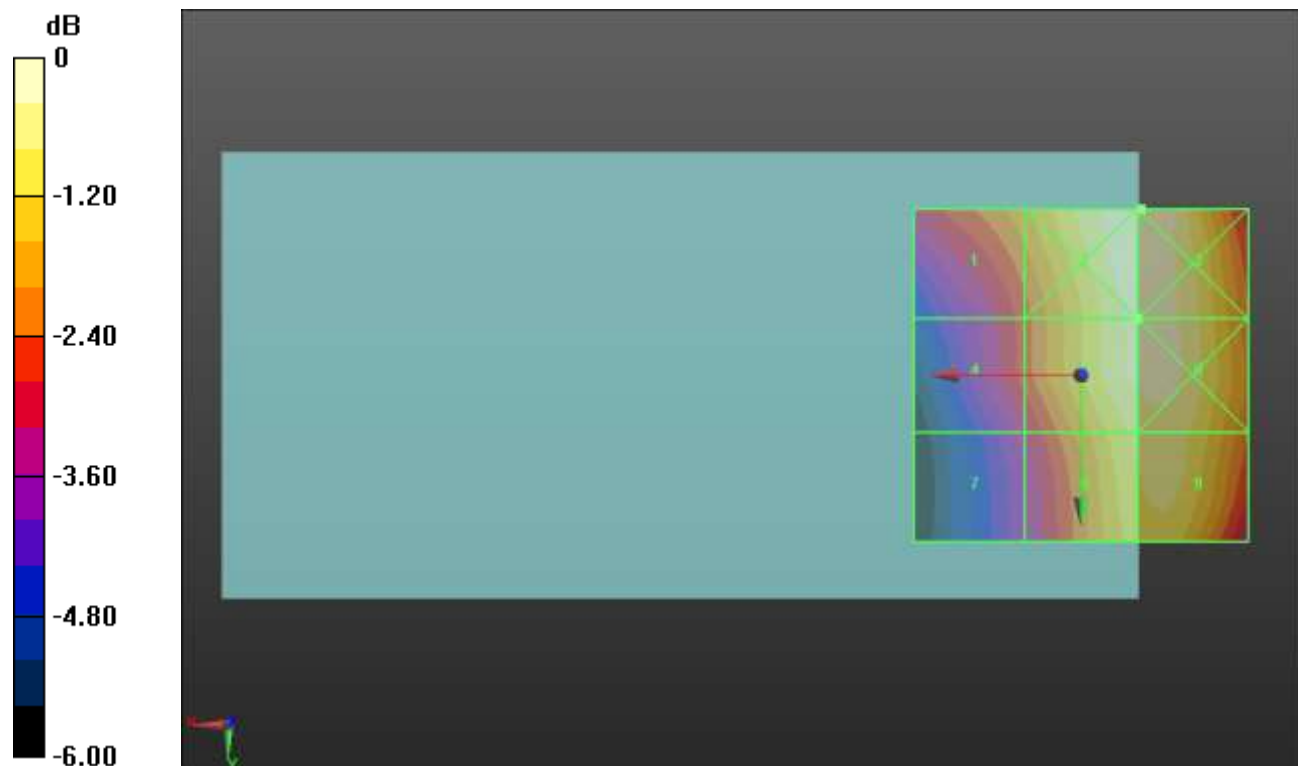
Applied MIF = 3.63 dB

RF audio interference level = 35.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.53 dBV/m	Grid 2 M4 36.23 dBV/m	Grid 3 M4 36.23 dBV/m
Grid 4 M4 33.67 dBV/m	Grid 5 M4 35.97 dBV/m	Grid 6 M4 36.02 dBV/m
Grid 7 M4 32.98 dBV/m	Grid 8 M4 35.56 dBV/m	Grid 9 M4 35.69 dBV/m



0 dB = 64.82 V/m = 36.23 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 = 24.37 V/m; Power Drift = -0.16 dB

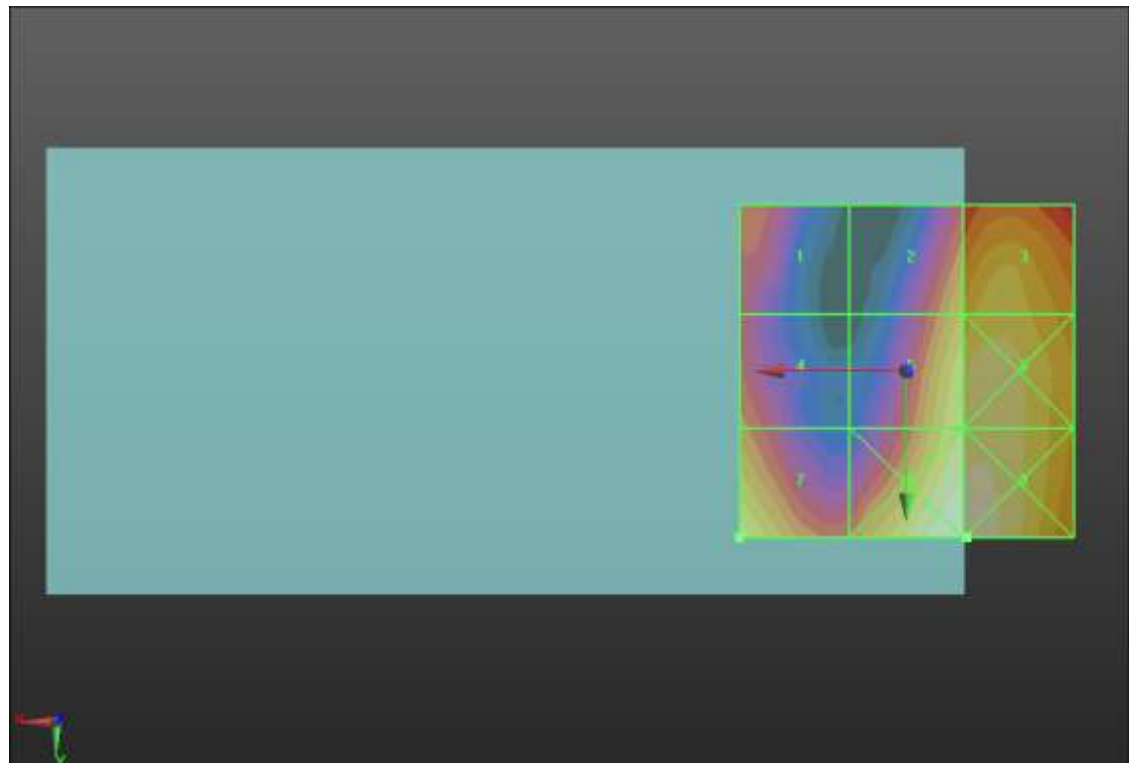
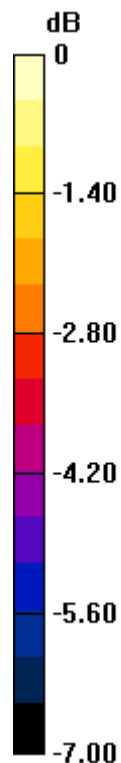
Applied MIF = 3.63 dB

RF audio interference level = 31.66 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.47 dBV/m	Grid 2 M3 30.58 dBV/m	Grid 3 M3 31.19 dBV/m
Grid 4 M4 29.74 dBV/m	Grid 5 M3 31.35 dBV/m	Grid 6 M3 31.68 dBV/m
Grid 7 M3 31.66 dBV/m	Grid 8 M3 32.27 dBV/m	Grid 9 M3 32.28 dBV/m



0 dB = 41.10 V/m = 32.28 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 = 22.68 V/m; Power Drift = 0.12 dB

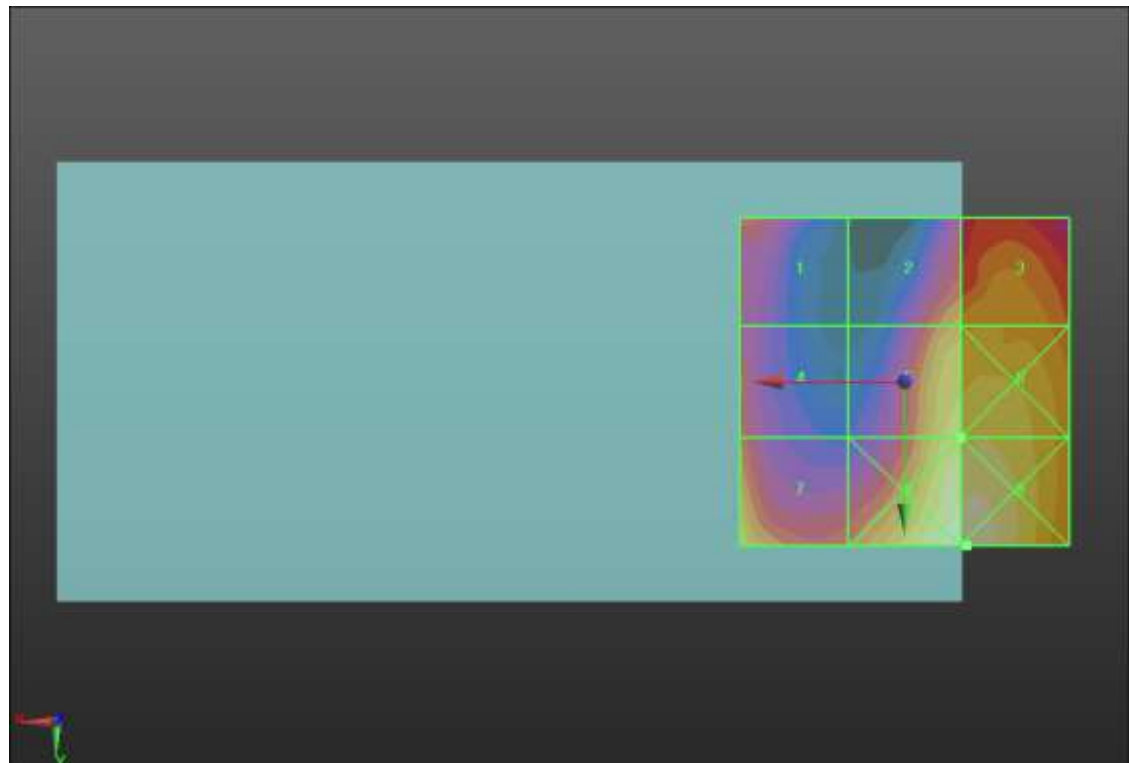
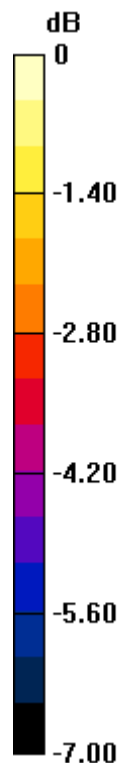
Applied MIF = 3.63 dB

RF audio interference level = 31.46 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.6 dBV/m	Grid 2 M3 30.44 dBV/m	Grid 3 M3 30.71 dBV/m
Grid 4 M4 29.7 dBV/m	Grid 5 M3 31.46 dBV/m	Grid 6 M3 31.61 dBV/m
Grid 7 M3 31.17 dBV/m	Grid 8 M3 32.5 dBV/m	Grid 9 M3 32.55 dBV/m



0 dB = 42.39 V/m = 32.55 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 = 20.26 V/m; Power Drift = 0.12 dB

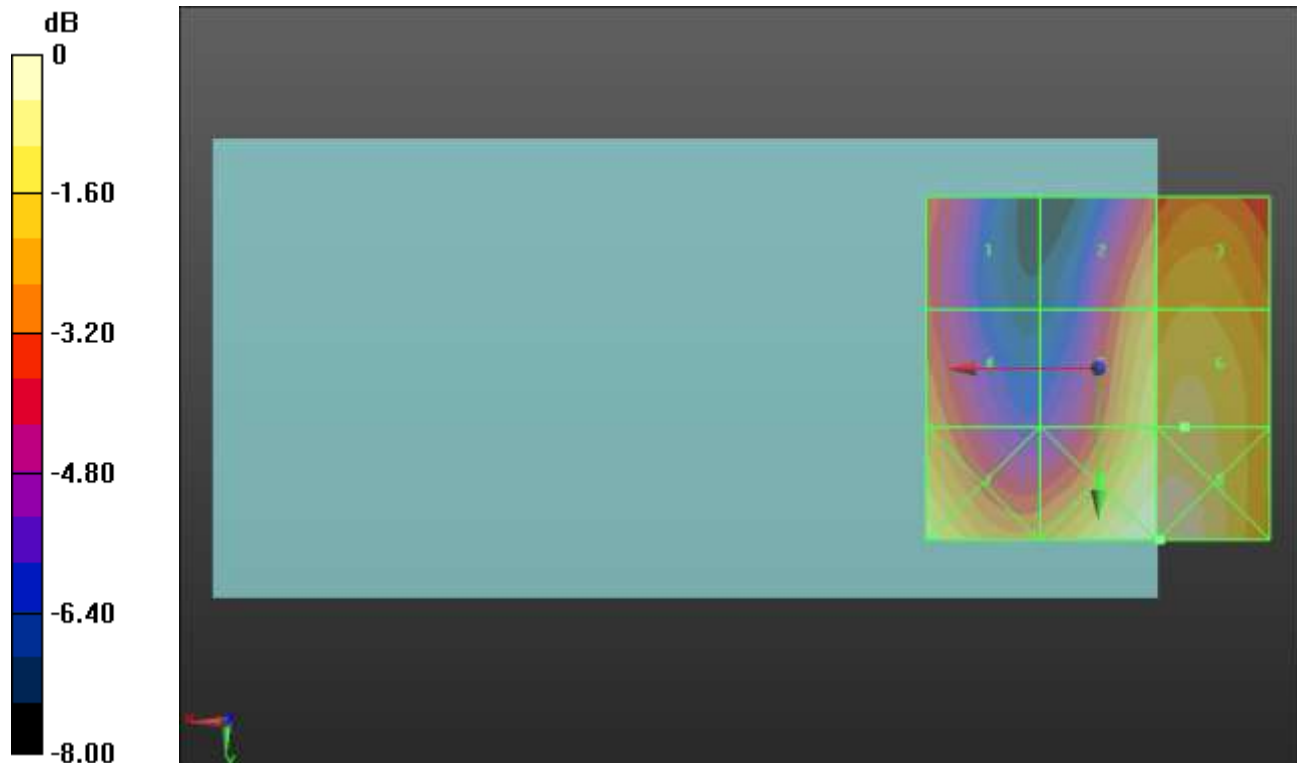
Applied MIF = 3.63 dB

RF audio interference level = 30.62 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.23 dBV/m	Grid 2 M4 29.51 dBV/m	Grid 3 M4 29.94 dBV/m
Grid 4 M4 29.08 dBV/m	Grid 5 M3 30.34 dBV/m	Grid 6 M3 30.62 dBV/m
Grid 7 M3 30.88 dBV/m	Grid 8 M3 31.48 dBV/m	Grid 9 M3 31.48 dBV/m



0 dB = 37.50 V/m = 31.48 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 = 26.63 V/m; Power Drift = -0.06 dB

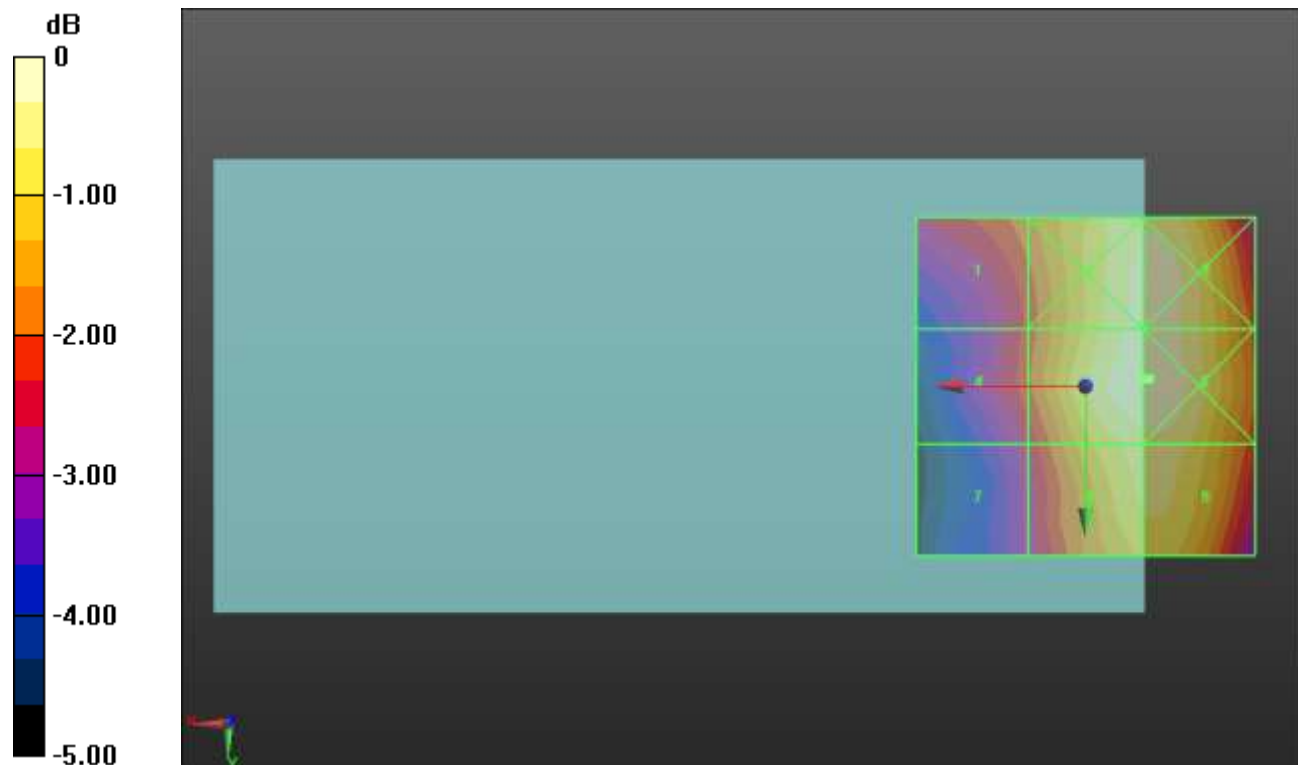
Applied MIF = 3.26 dB

RF audio interference level = 28.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.23 dBV/m	Grid 2 M4 28.82 dBV/m	Grid 3 M4 28.84 dBV/m
Grid 4 M4 26.92 dBV/m	Grid 5 M4 28.97 dBV/m	Grid 6 M4 28.99 dBV/m
Grid 7 M4 26.39 dBV/m	Grid 8 M4 28.53 dBV/m	Grid 9 M4 28.55 dBV/m



0 dB = 28.14 V/m = 28.99 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 = 28.78 V/m; Power Drift = -0.02 dB

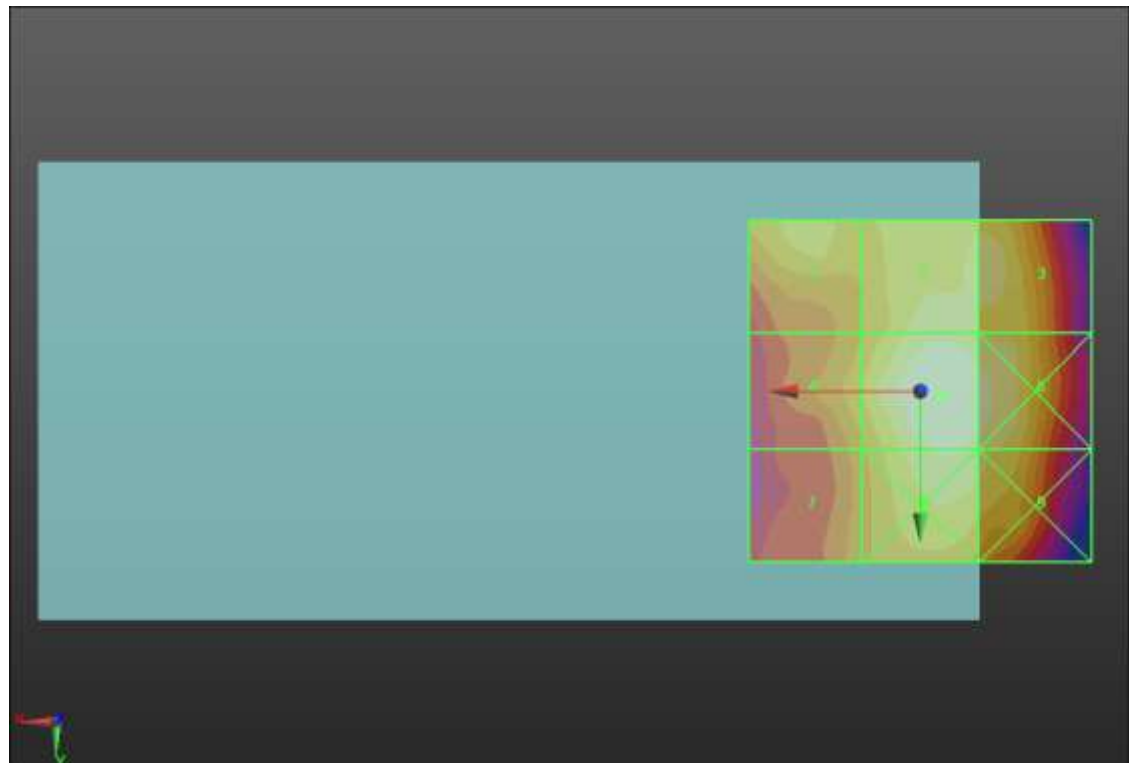
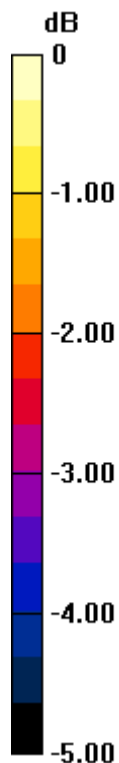
Applied MIF = 3.26 dB

RF audio interference level = 28.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.96 dBV/m	Grid 2 M4 28.36 dBV/m	Grid 3 M4 28.35 dBV/m
Grid 4 M4 27.74 dBV/m	Grid 5 M4 28.76 dBV/m	Grid 6 M4 28.56 dBV/m
Grid 7 M4 27.35 dBV/m	Grid 8 M4 28.47 dBV/m	Grid 9 M4 28.29 dBV/m



0 dB = 27.41 V/m = 28.76 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 = 26.89 V/m; Power Drift = 0.19 dB

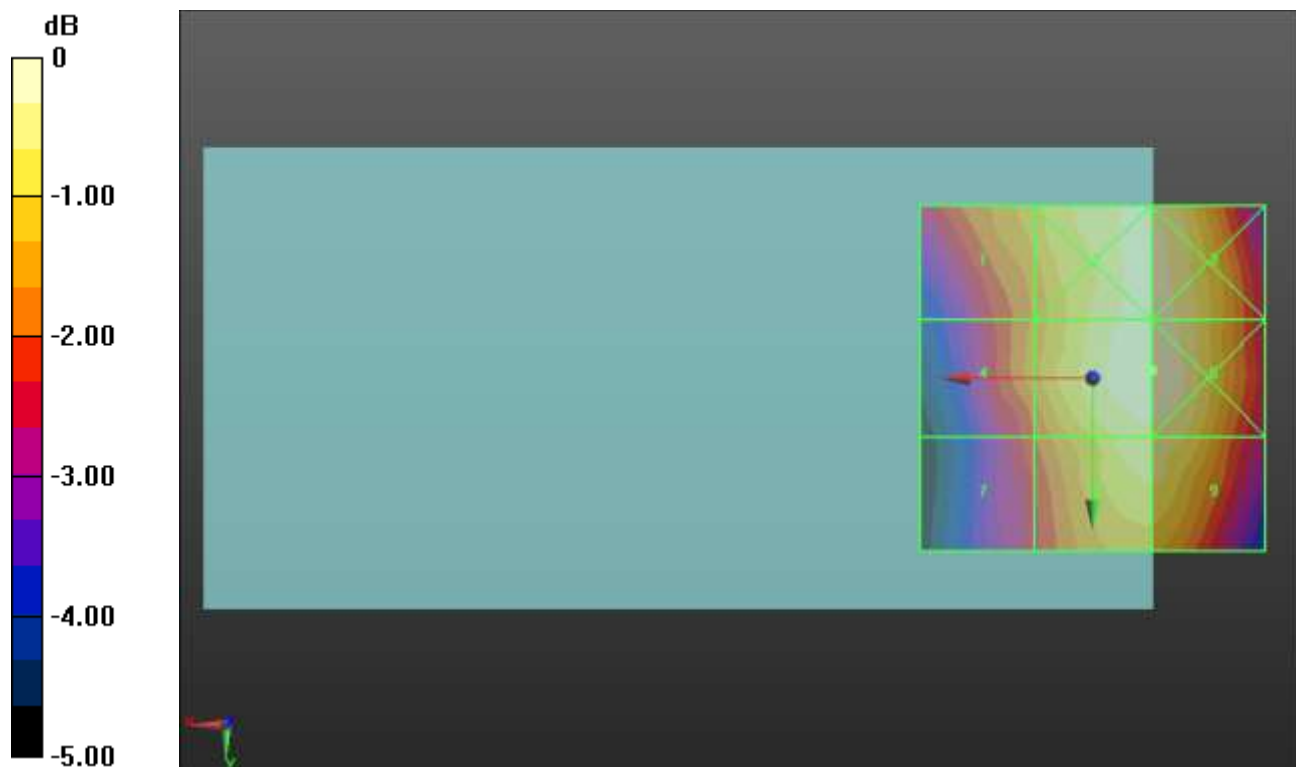
Applied MIF = 3.26 dB

RF audio interference level = 29.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.4 dBV/m	Grid 2 M4 29.33 dBV/m	Grid 3 M4 29.33 dBV/m
Grid 4 M4 28.05 dBV/m	Grid 5 M4 29.49 dBV/m	Grid 6 M4 29.49 dBV/m
Grid 7 M4 27.47 dBV/m	Grid 8 M4 29.08 dBV/m	Grid 9 M4 29.06 dBV/m



0 dB = 29.81 V/m = 29.49 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 = 12.46 V/m; Power Drift = -0.01 dB

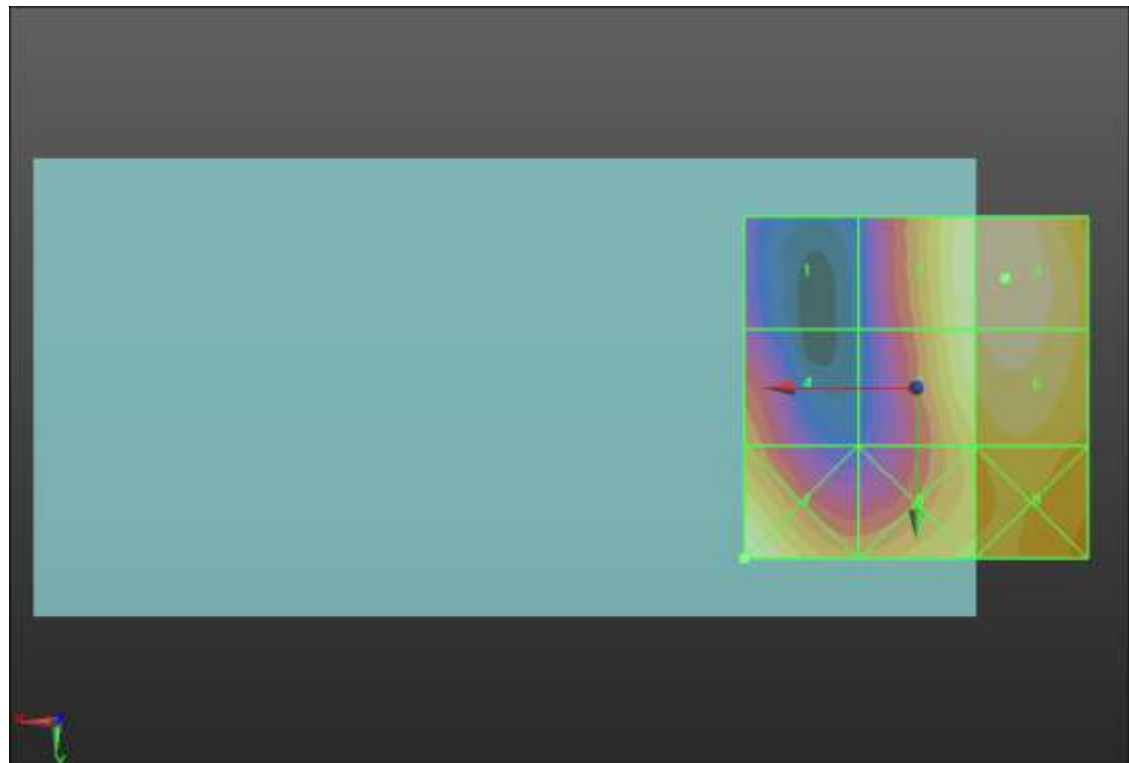
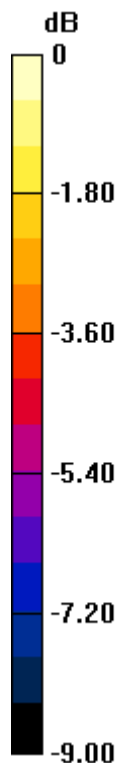
Applied MIF = 3.26 dB

RF audio interference level = 27.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.89 dBV/m	Grid 2 M4 26.69 dBV/m	Grid 3 M4 27.05 dBV/m
Grid 4 M4 24.37 dBV/m	Grid 5 M4 26.51 dBV/m	Grid 6 M4 26.89 dBV/m
Grid 7 M4 27.19 dBV/m	Grid 8 M4 25.59 dBV/m	Grid 9 M4 25.87 dBV/m



0 dB = 22.89 V/m = 27.19 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 = 10.30 V/m; Power Drift = 0.01 dB

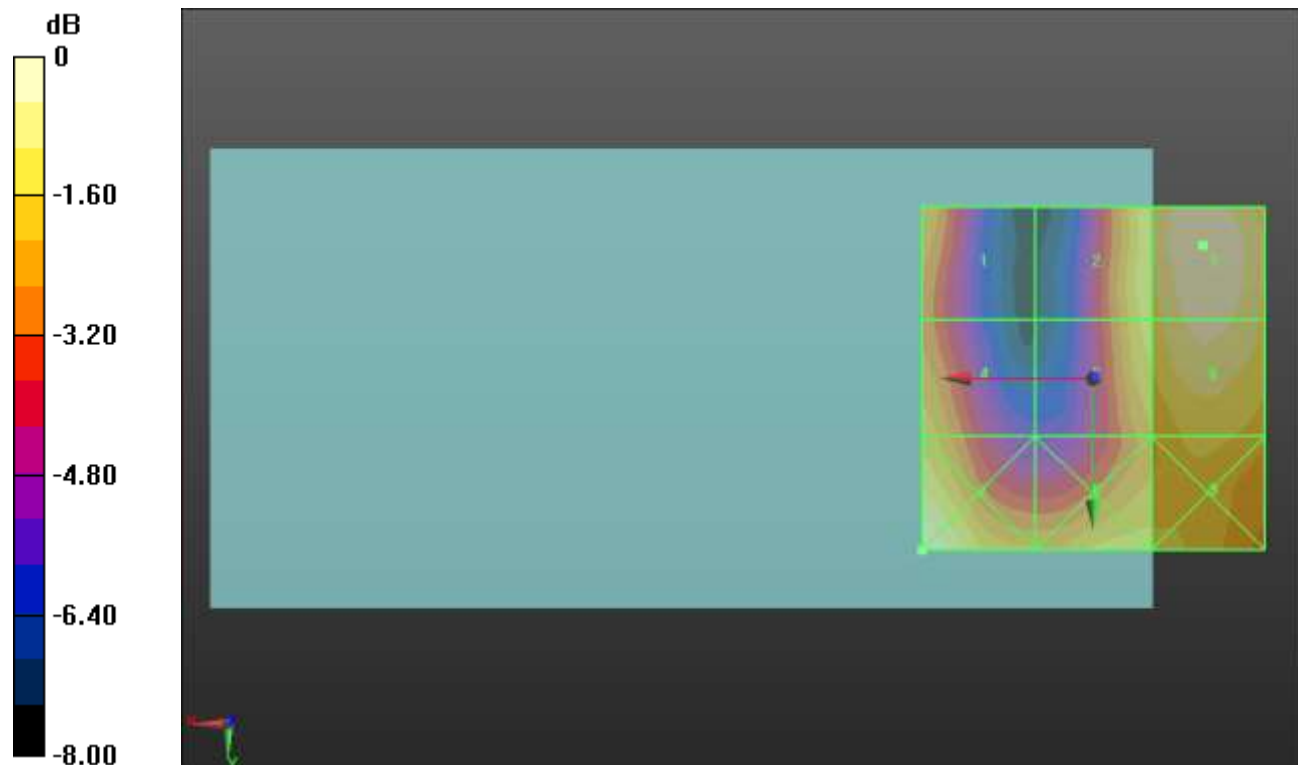
Applied MIF = 3.26 dB

RF audio interference level = 26.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.77 dBV/m	Grid 2 M4 25.72 dBV/m	Grid 3 M4 26.71 dBV/m
Grid 4 M4 25.04 dBV/m	Grid 5 M4 25.49 dBV/m	Grid 6 M4 26.47 dBV/m
Grid 7 M4 26.8 dBV/m	Grid 8 M4 25.57 dBV/m	Grid 9 M4 25.57 dBV/m



0 dB = 21.88 V/m = 26.80 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 = 11.64 V/m; Power Drift = 0.03 dB

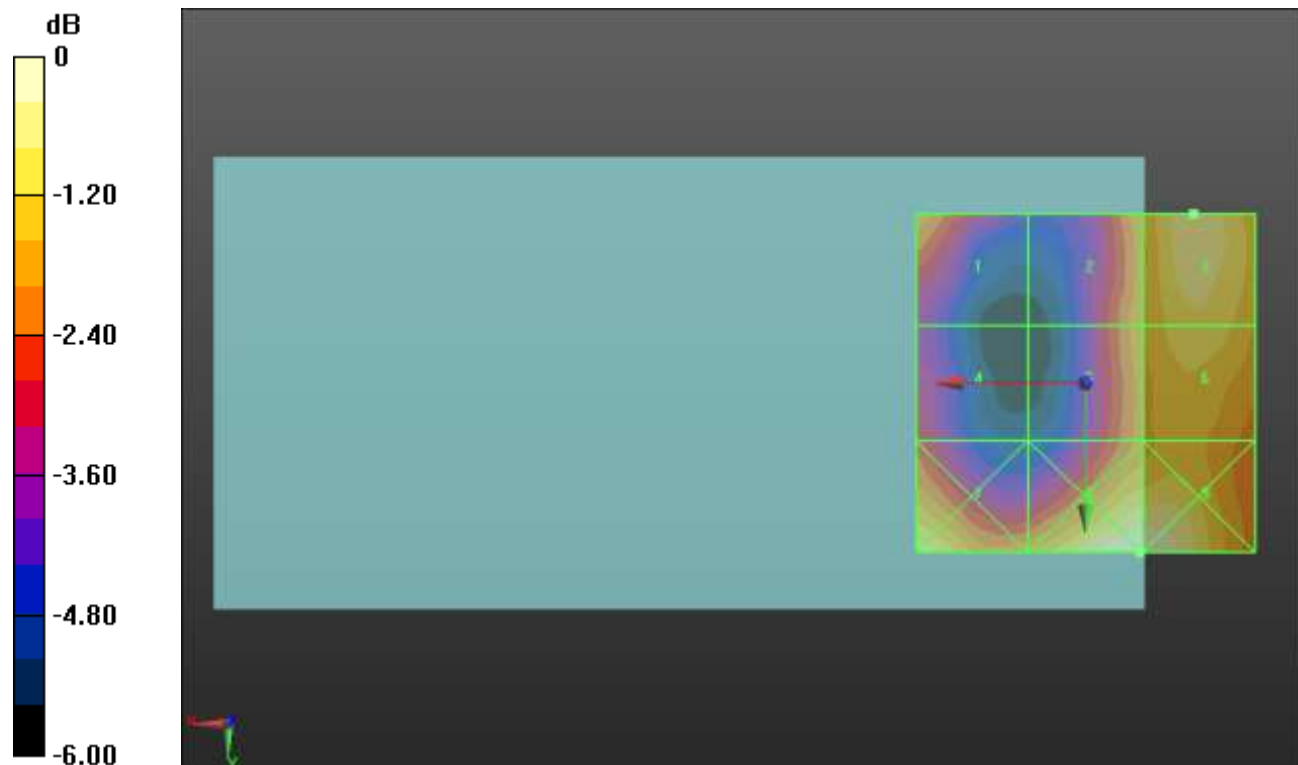
Applied MIF = 3.26 dB

RF audio interference level = 25.96 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.71 dBV/m	Grid 2 M4 24.89 dBV/m	Grid 3 M4 25.96 dBV/m
Grid 4 M4 23.87 dBV/m	Grid 5 M4 24.8 dBV/m	Grid 6 M4 25.53 dBV/m
Grid 7 M4 25.96 dBV/m	Grid 8 M4 26.44 dBV/m	Grid 9 M4 26.44 dBV/m



0 dB = 21.00 V/m = 26.44 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 = 22.61 V/m; Power Drift = -0.42 dB

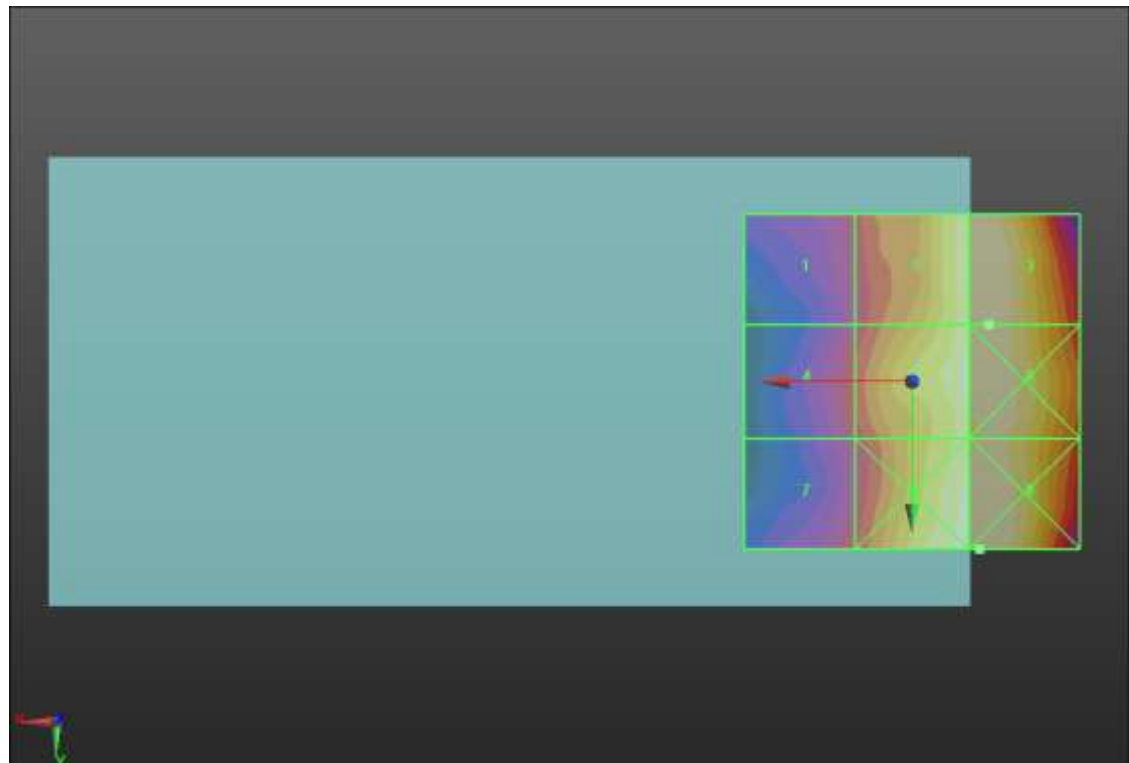
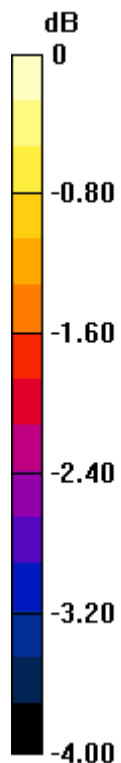
Applied MIF = 3.26 dB

RF audio interference level = 27.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.9 dBV/m	Grid 2 M4 27.62 dBV/m	Grid 3 M4 27.77 dBV/m
Grid 4 M4 26.08 dBV/m	Grid 5 M4 27.73 dBV/m	Grid 6 M4 27.84 dBV/m
Grid 7 M4 26.04 dBV/m	Grid 8 M4 27.84 dBV/m	Grid 9 M4 27.88 dBV/m



0 dB = 24.79 V/m = 27.89 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 = 21.80 V/m; Power Drift = 0.05 dB

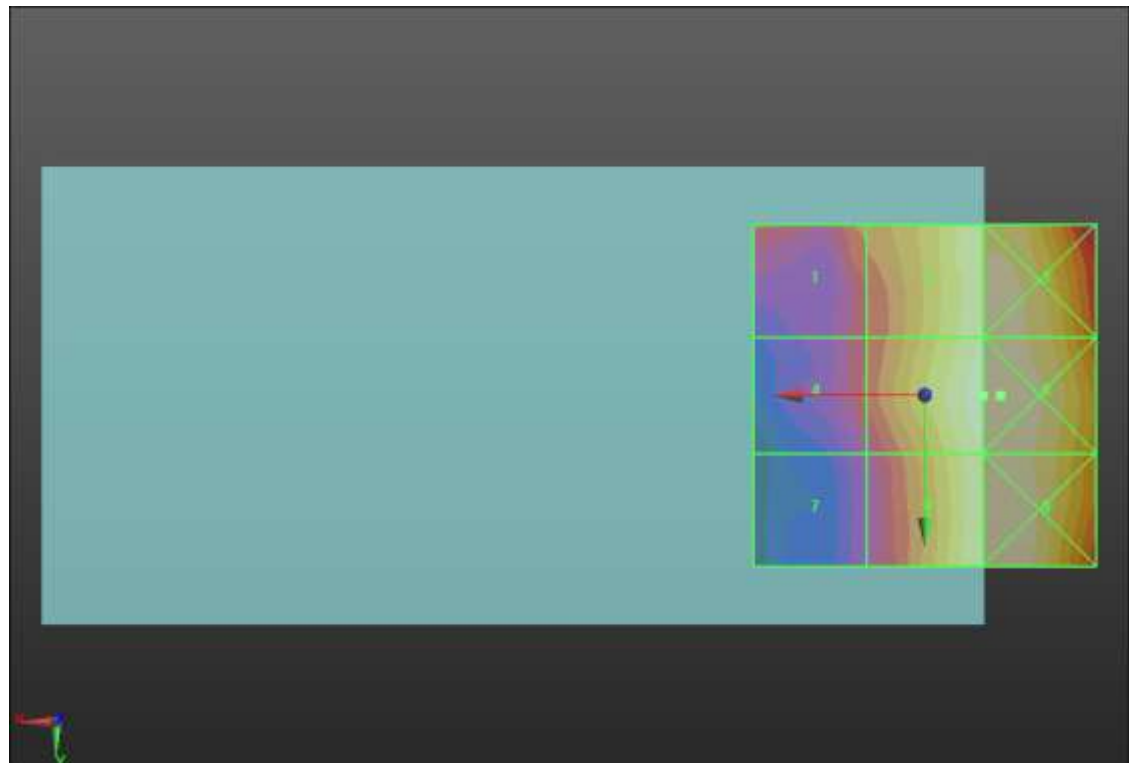
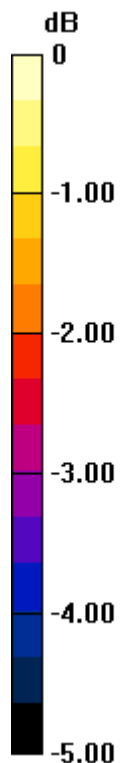
Applied MIF = 3.26 dB

RF audio interference level = 27.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.92 dBV/m	Grid 2 M4 27.47 dBV/m	Grid 3 M4 27.56 dBV/m
Grid 4 M4 25.52 dBV/m	Grid 5 M4 27.65 dBV/m	Grid 6 M4 27.74 dBV/m
Grid 7 M4 24.93 dBV/m	Grid 8 M4 27.49 dBV/m	Grid 9 M4 27.65 dBV/m



0 dB = 24.39 V/m = 27.74 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 = 24.51 V/m; Power Drift = -0.09 dB

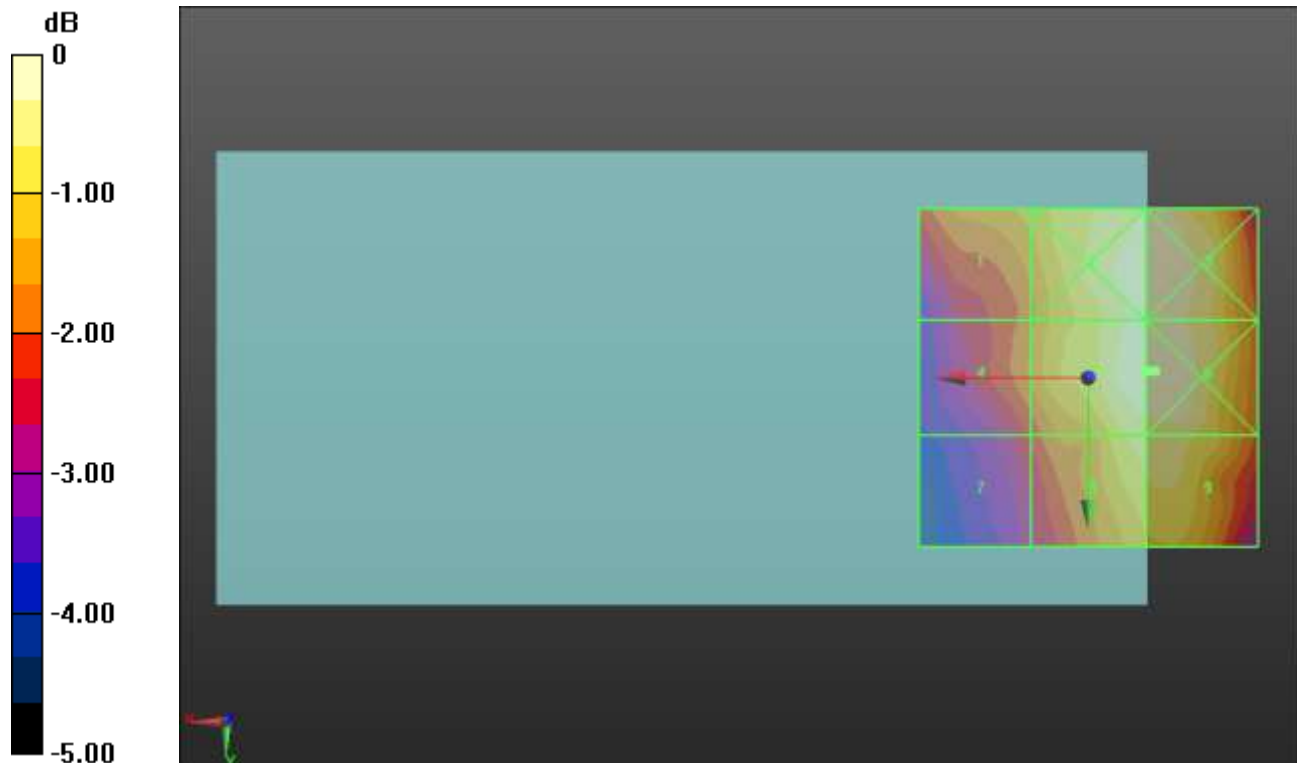
Applied MIF = 3.26 dB

RF audio interference level = 28.28 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.11 dBV/m	Grid 2 M4 28.21 dBV/m	Grid 3 M4 28.26 dBV/m
Grid 4 M4 26.7 dBV/m	Grid 5 M4 28.28 dBV/m	Grid 6 M4 28.3 dBV/m
Grid 7 M4 26.04 dBV/m	Grid 8 M4 27.81 dBV/m	Grid 9 M4 27.86 dBV/m



0 dB = 26.00 V/m = 28.30 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 = 13.76 V/m; Power Drift = -0.06 dB

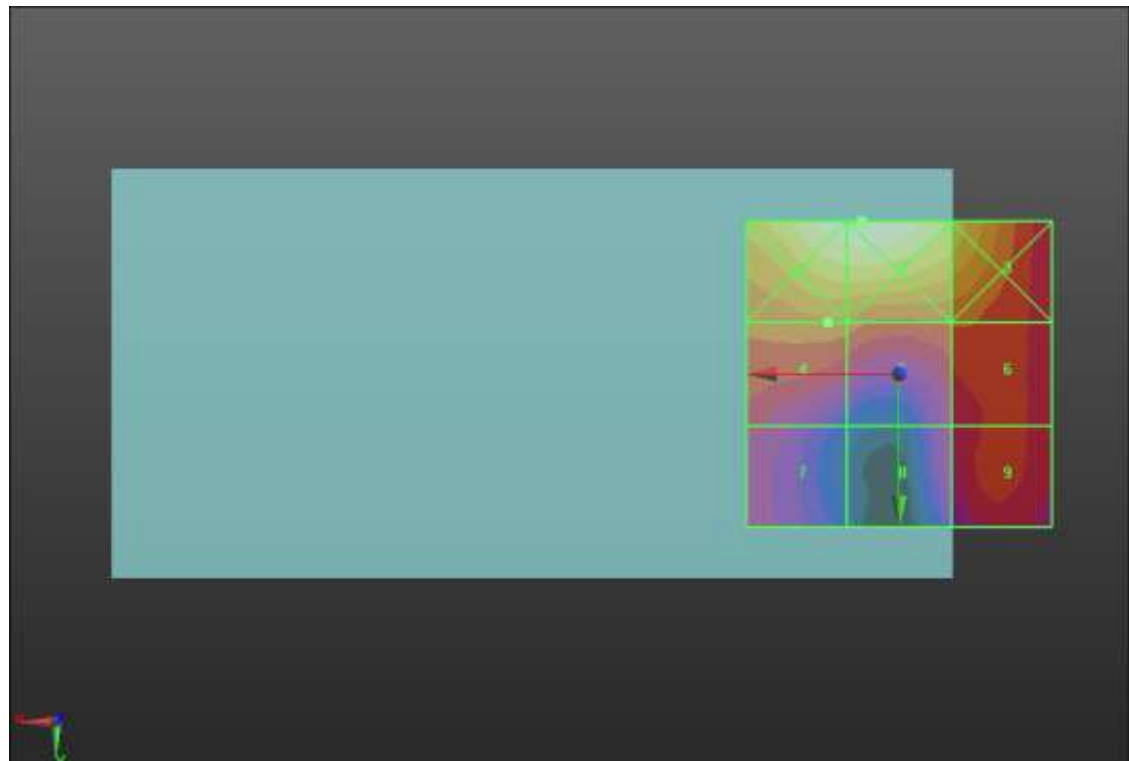
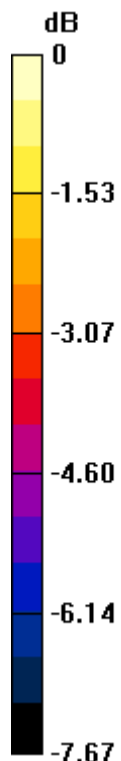
Applied MIF = -1.44 dB

RF audio interference level = 22.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.84 dBV/m	Grid 2 M4 24.88 dBV/m	Grid 3 M4 23.78 dBV/m
Grid 4 M4 22.26 dBV/m	Grid 5 M4 22.15 dBV/m	Grid 6 M4 21.91 dBV/m
Grid 7 M4 20.92 dBV/m	Grid 8 M4 20.65 dBV/m	Grid 9 M4 21.61 dBV/m



0 dB = 17.54 V/m = 24.88 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 = 10.21 V/m; Power Drift = 0.21 dB

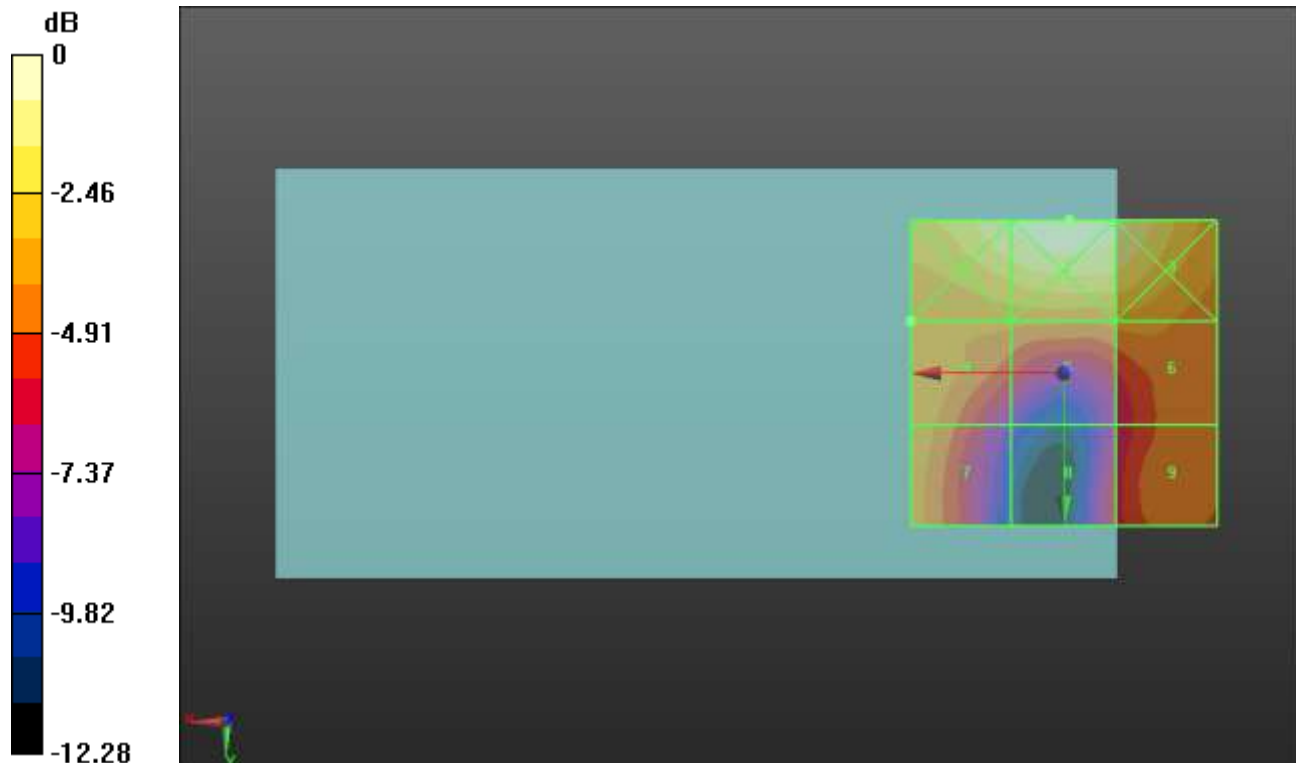
Applied MIF = -1.44 dB

RF audio interference level = 20.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.82 dBV/m	Grid 2 M4 24.4 dBV/m	Grid 3 M4 23.96 dBV/m
Grid 4 M4 20.9 dBV/m	Grid 5 M4 20.66 dBV/m	Grid 6 M4 20.73 dBV/m
Grid 7 M4 20.74 dBV/m	Grid 8 M4 18.36 dBV/m	Grid 9 M4 19.99 dBV/m



0 dB = 16.60 V/m = 24.40 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 = 11.89 V/m; Power Drift = -0.16 dB

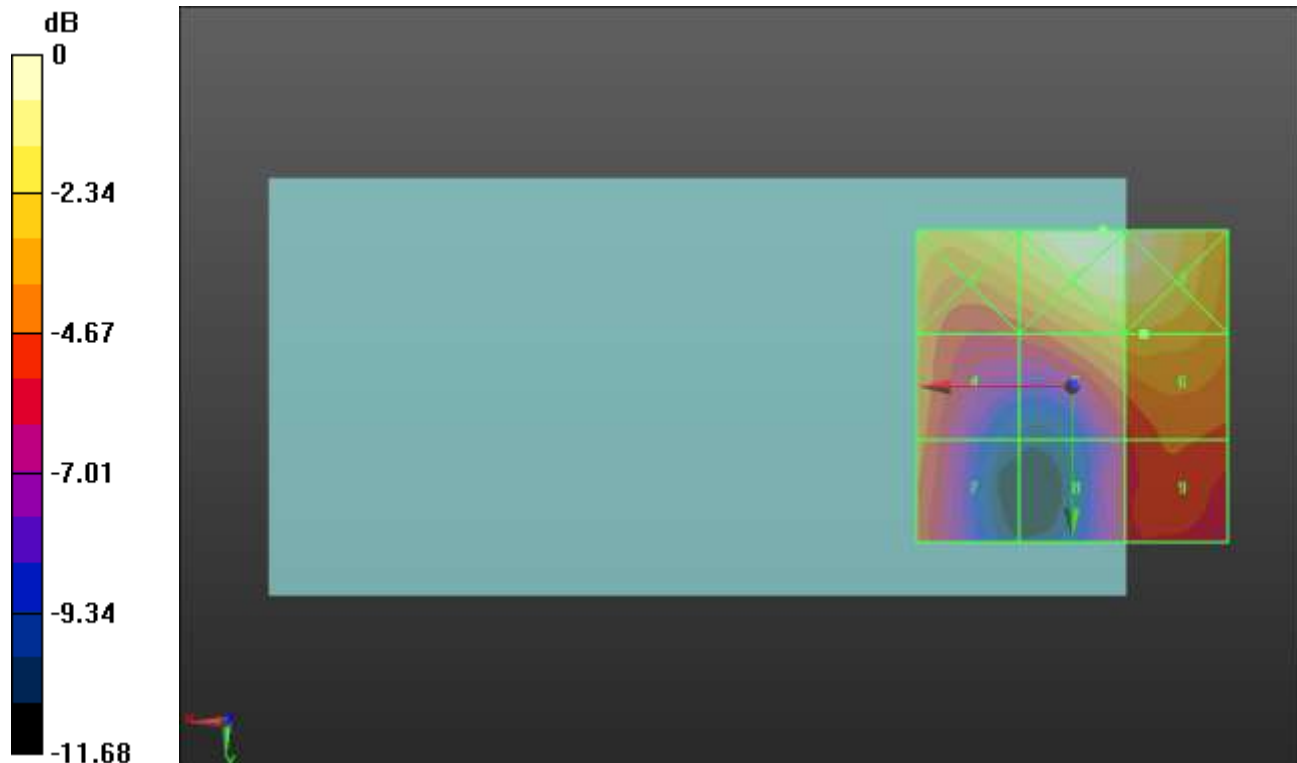
Applied MIF = -1.44 dB

RF audio interference level = 21.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.1 dBV/m	Grid 2 M4 24.38 dBV/m	Grid 3 M4 24.29 dBV/m
Grid 4 M4 20.88 dBV/m	Grid 5 M4 21.78 dBV/m	Grid 6 M4 21.9 dBV/m
Grid 7 M4 20.12 dBV/m	Grid 8 M4 18.62 dBV/m	Grid 9 M4 19.85 dBV/m



0 dB = 16.56 V/m = 24.38 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 = 10.99 V/m; Power Drift = 0.14 dB

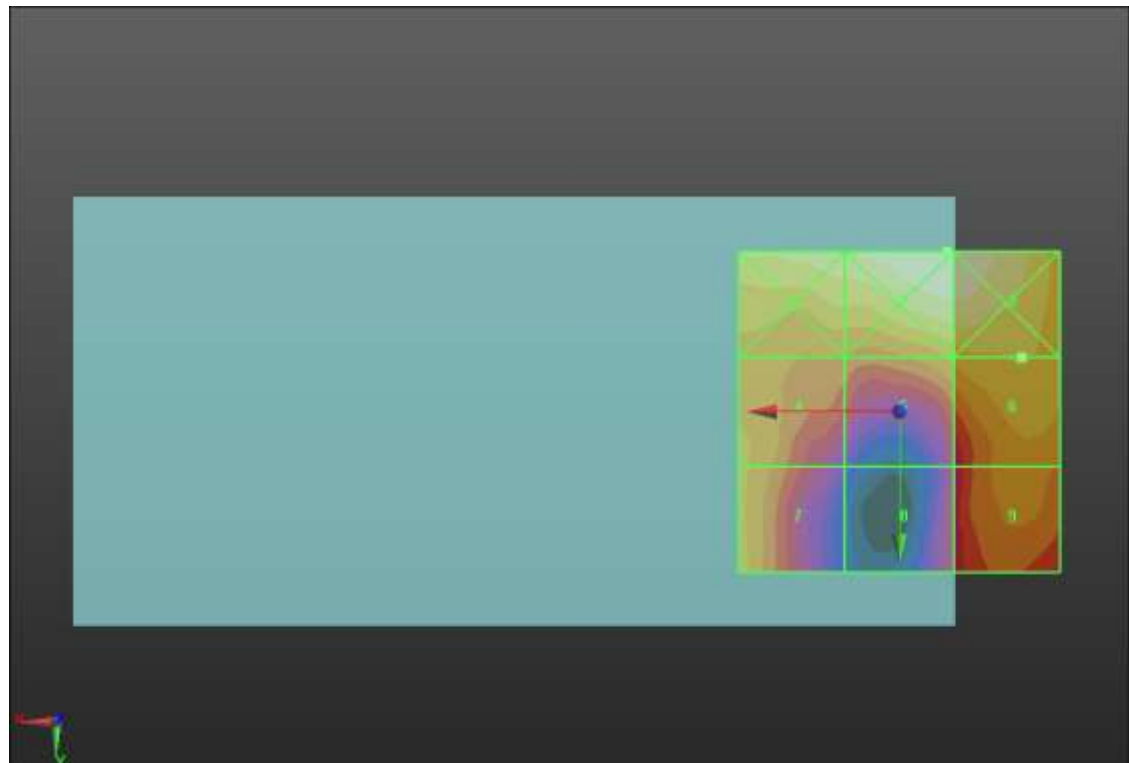
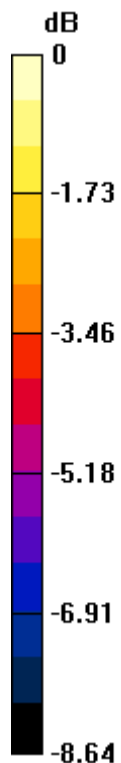
Applied MIF = -1.44 dB

RF audio interference level = 21.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.5 dBV/m	Grid 2 M4 23.14 dBV/m	Grid 3 M4 23.13 dBV/m
Grid 4 M4 20.93 dBV/m	Grid 5 M4 21.05 dBV/m	Grid 6 M4 21.49 dBV/m
Grid 7 M4 21.22 dBV/m	Grid 8 M4 18.78 dBV/m	Grid 9 M4 20.56 dBV/m



0 dB = 14.36 V/m = 23.14 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 = 7.100 V/m; Power Drift = 0.35 dB

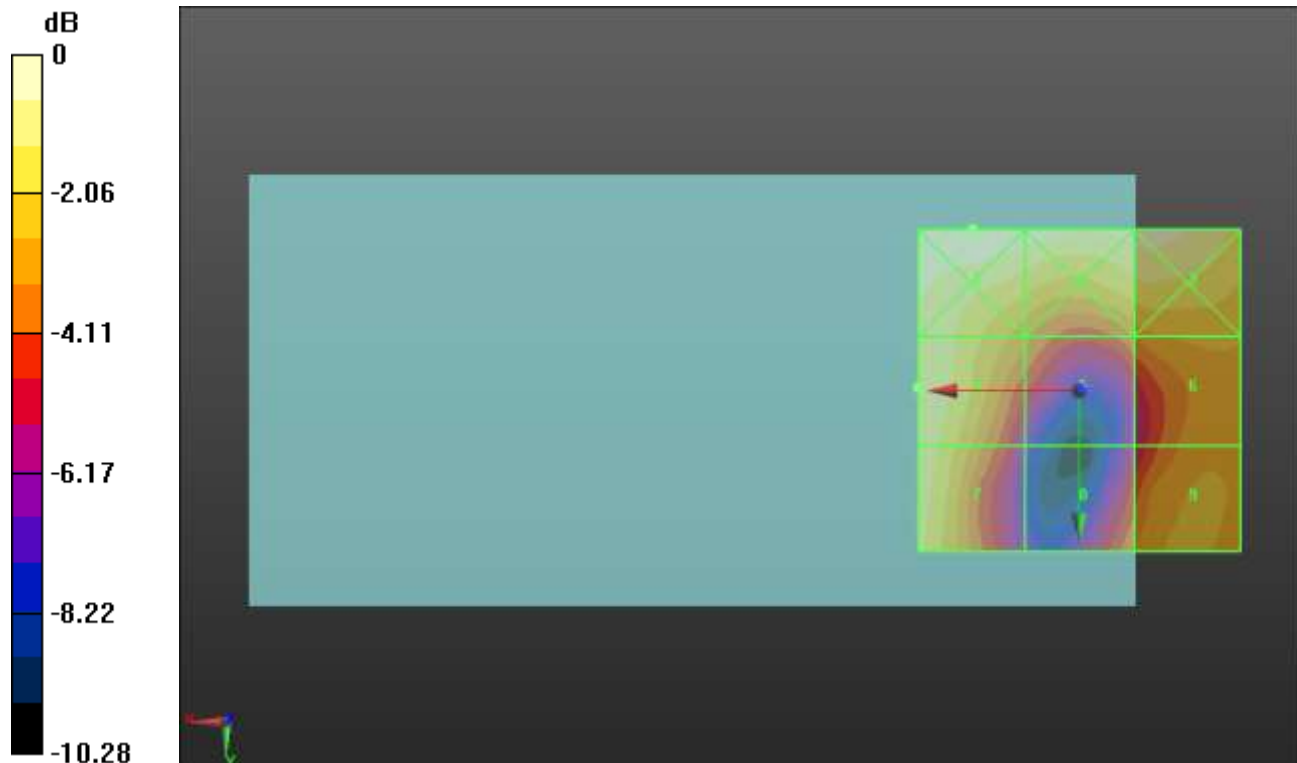
Applied MIF = -1.44 dB

RF audio interference level = 21.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.06 dBV/m	Grid 2 M4 21.92 dBV/m	Grid 3 M4 21.72 dBV/m
Grid 4 M4 21.29 dBV/m	Grid 5 M4 18.89 dBV/m	Grid 6 M4 19.52 dBV/m
Grid 7 M4 21.2 dBV/m	Grid 8 M4 18.58 dBV/m	Grid 9 M4 19.49 dBV/m



0 dB = 12.68 V/m = 22.06 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):

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.63 V/m; Power Drift = 0.54 dB

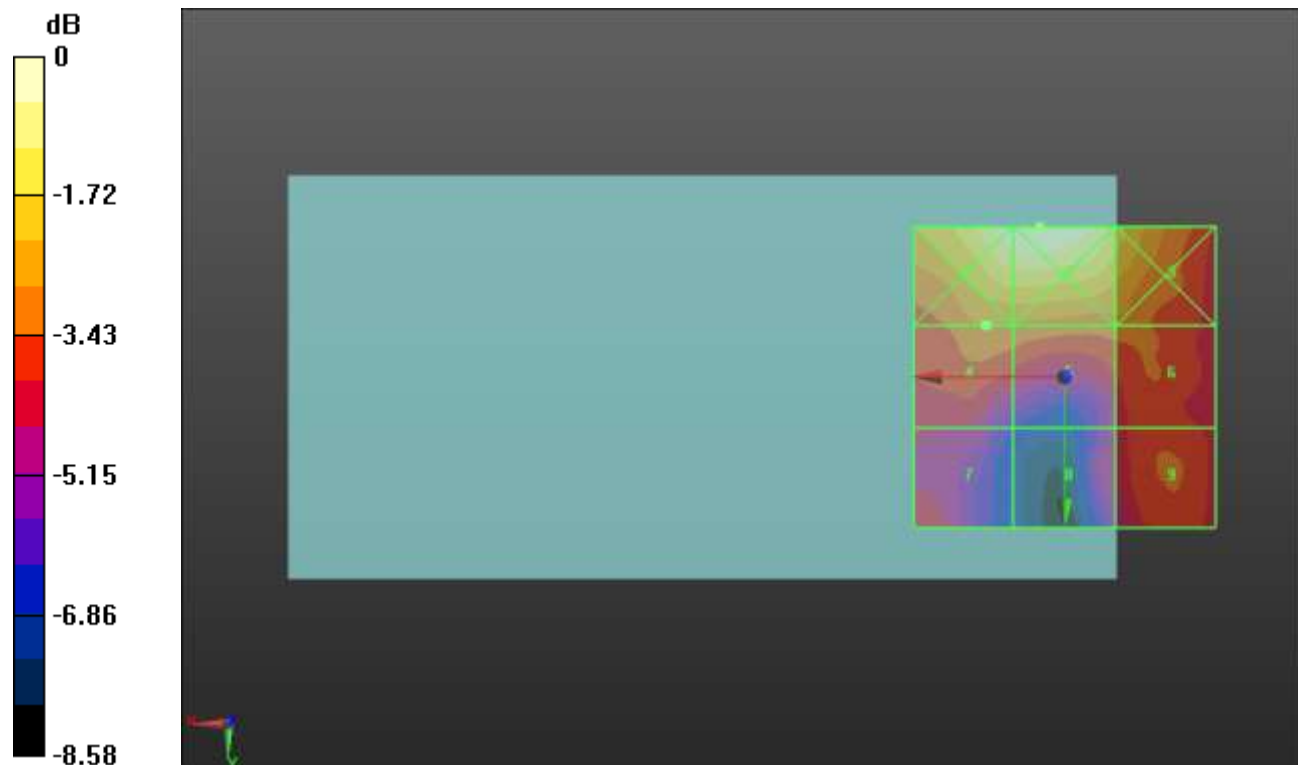
Applied MIF = -1.44 dB

RF audio interference level = 20.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.13 dBV/m	Grid 2 M4 23.33 dBV/m	Grid 3 M4 21.99 dBV/m
Grid 4 M4 20.49 dBV/m	Grid 5 M4 20.41 dBV/m	Grid 6 M4 20.27 dBV/m
Grid 7 M4 19.12 dBV/m	Grid 8 M4 18.86 dBV/m	Grid 9 M4 19.98 dBV/m



0 dB = 14.67 V/m = 23.33 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 = 9.044 V/m; Power Drift = 0.06 dB

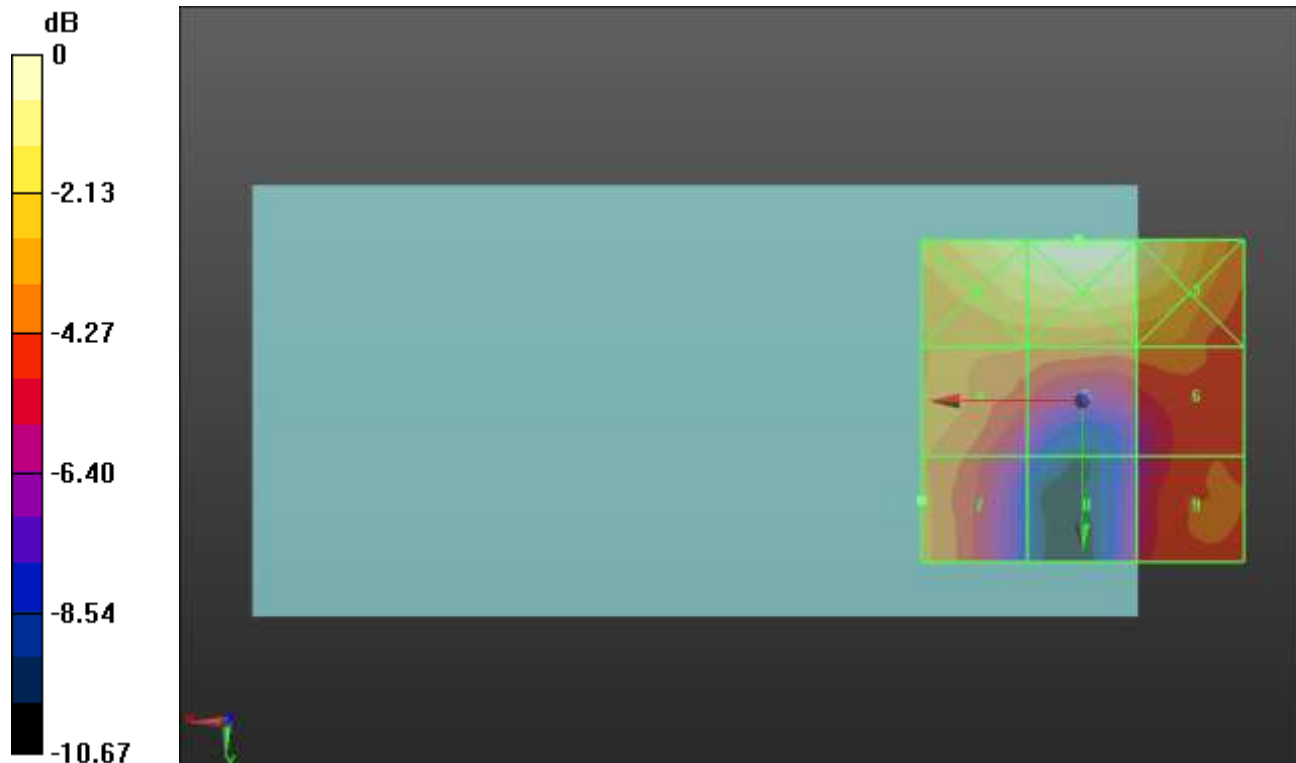
Applied MIF = -1.44 dB

RF audio interference level = 19.68 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.49 dBV/m	Grid 2 M4 22.92 dBV/m	Grid 3 M4 22.42 dBV/m
Grid 4 M4 19.66 dBV/m	Grid 5 M4 19.46 dBV/m	Grid 6 M4 19.28 dBV/m
Grid 7 M4 19.67 dBV/m	Grid 8 M4 17.13 dBV/m	Grid 9 M4 18.77 dBV/m



0 dB = 13.99 V/m = 22.92 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 = 9.800 V/m; Power Drift = -0.28 dB

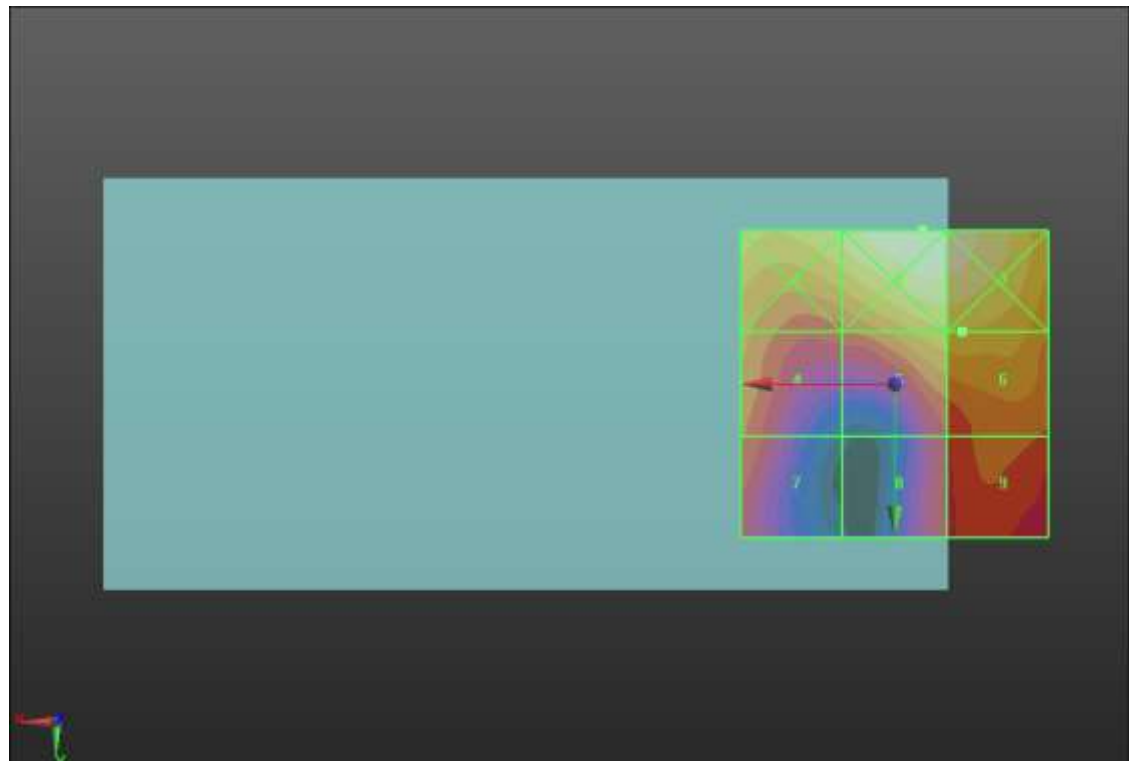
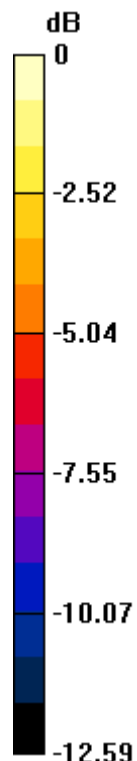
Applied MIF = -1.44 dB

RF audio interference level = 20.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.04 dBV/m	Grid 2 M4 23.28 dBV/m	Grid 3 M4 23.08 dBV/m
Grid 4 M4 19.51 dBV/m	Grid 5 M4 20.63 dBV/m	Grid 6 M4 20.7 dBV/m
Grid 7 M4 18.37 dBV/m	Grid 8 M4 17.4 dBV/m	Grid 9 M4 18.65 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: 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 = 9.176 V/m; Power Drift = -0.48 dB

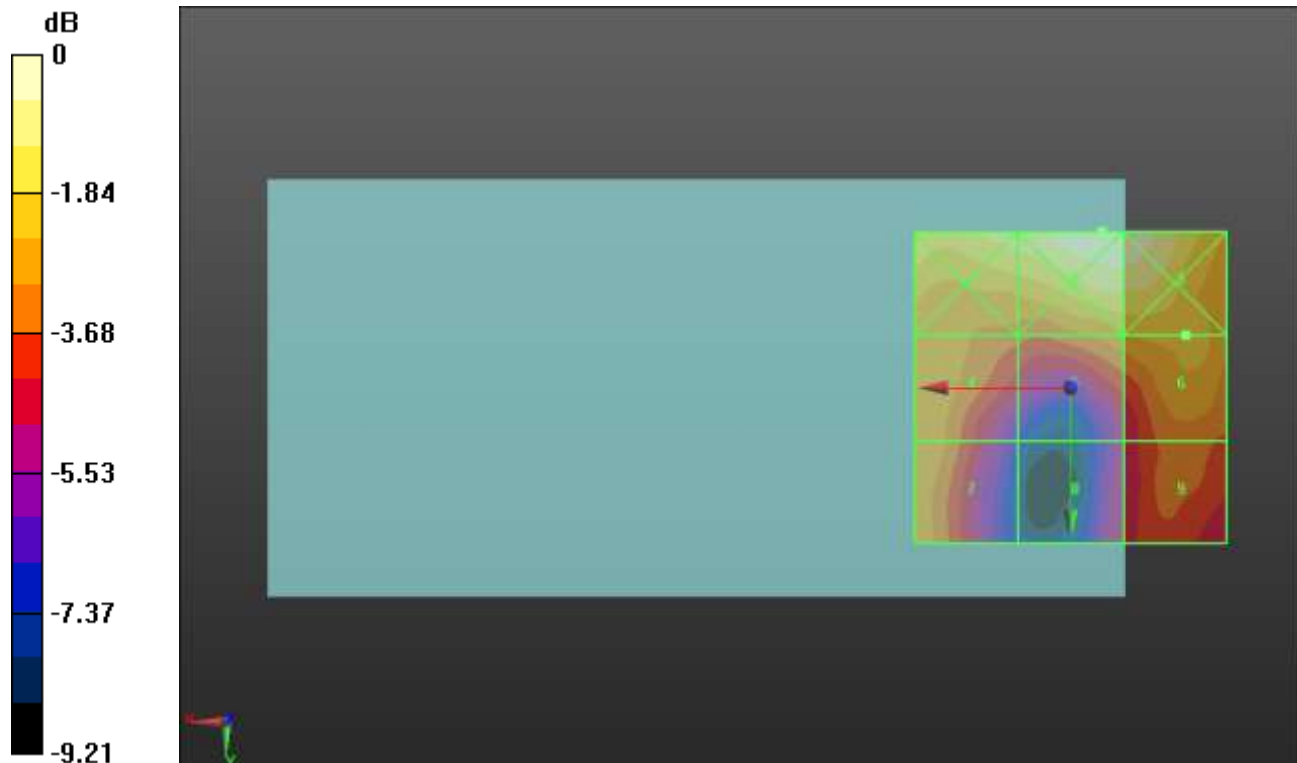
Applied MIF = -1.44 dB

RF audio interference level = 19.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.99 dBV/m	Grid 2 M4 21.85 dBV/m	Grid 3 M4 21.73 dBV/m
Grid 4 M4 19.4 dBV/m	Grid 5 M4 19.33 dBV/m	Grid 6 M4 19.77 dBV/m
Grid 7 M4 19.36 dBV/m	Grid 8 M4 17.15 dBV/m	Grid 9 M4 18.56 dBV/m



0 dB = 12.38 V/m = 21.85 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 = 6.484 V/m; Power Drift = -1.12 dB

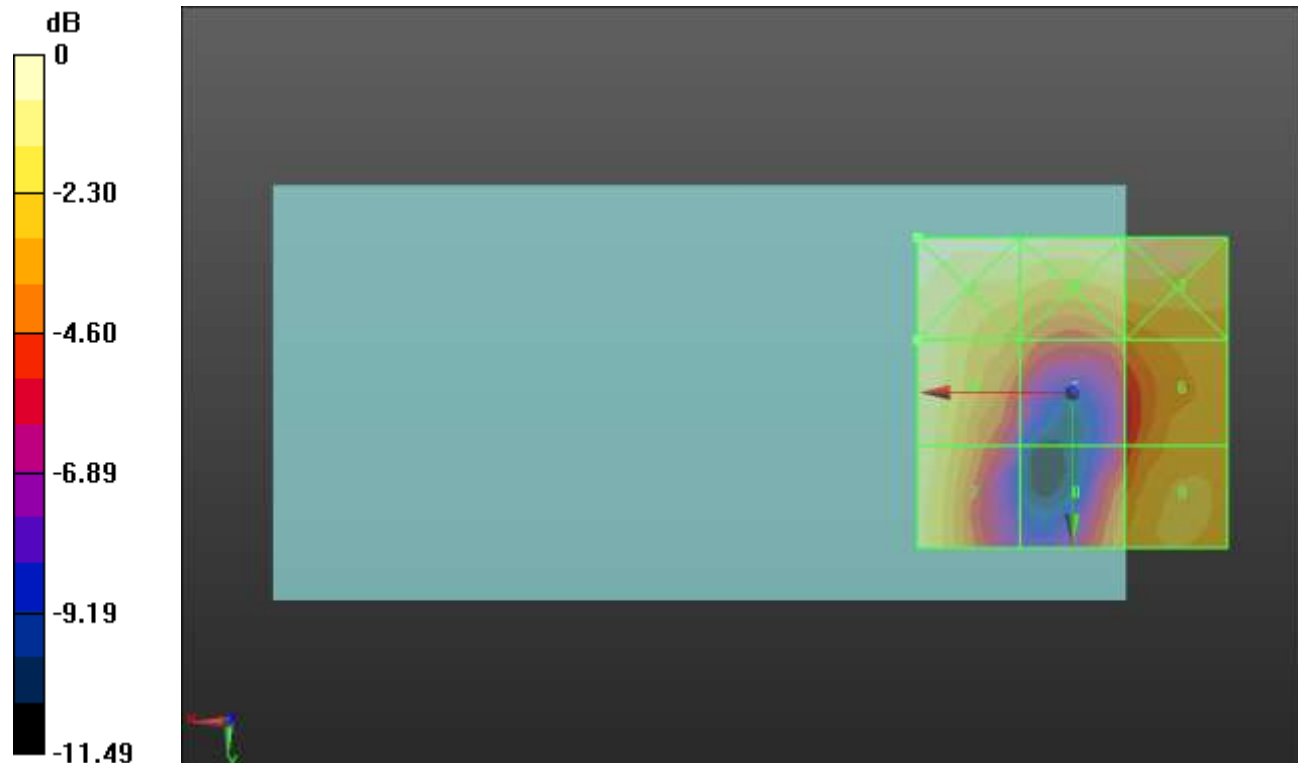
Applied MIF = -1.44 dB

RF audio interference level = 19.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.72 dBV/m	Grid 2 M4 20.3 dBV/m	Grid 3 M4 20.14 dBV/m
Grid 4 M4 19.66 dBV/m	Grid 5 M4 17.08 dBV/m	Grid 6 M4 18.12 dBV/m
Grid 7 M4 19.53 dBV/m	Grid 8 M4 17.53 dBV/m	Grid 9 M4 18.65 dBV/m



0 dB = 10.86 V/m = 20.72 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 = 5.913 V/m; Power Drift = -0.14 dB

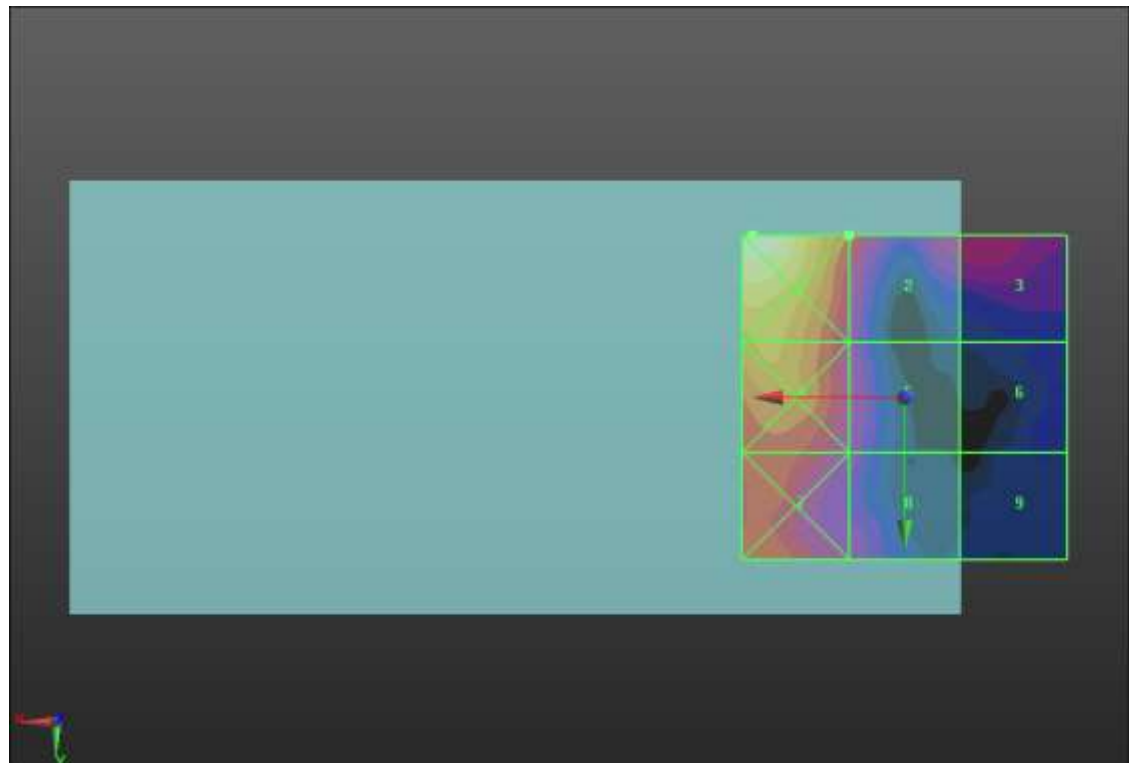
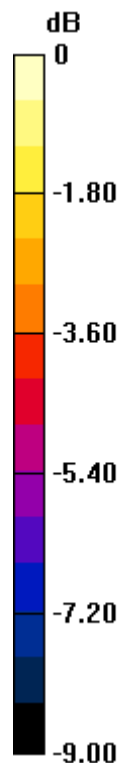
Applied MIF = -1.44 dB

RF audio interference level = 16.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.57 dBV/m	Grid 2 M4 16.84 dBV/m	Grid 3 M4 15.81 dBV/m
Grid 4 M4 18.32 dBV/m	Grid 5 M4 15.46 dBV/m	Grid 6 M4 13.55 dBV/m
Grid 7 M4 16.88 dBV/m	Grid 8 M4 15.18 dBV/m	Grid 9 M4 13.56 dBV/m



0 dB = 10.68 V/m = 20.57 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 = 7.785 V/m; Power Drift = -0.26 dB

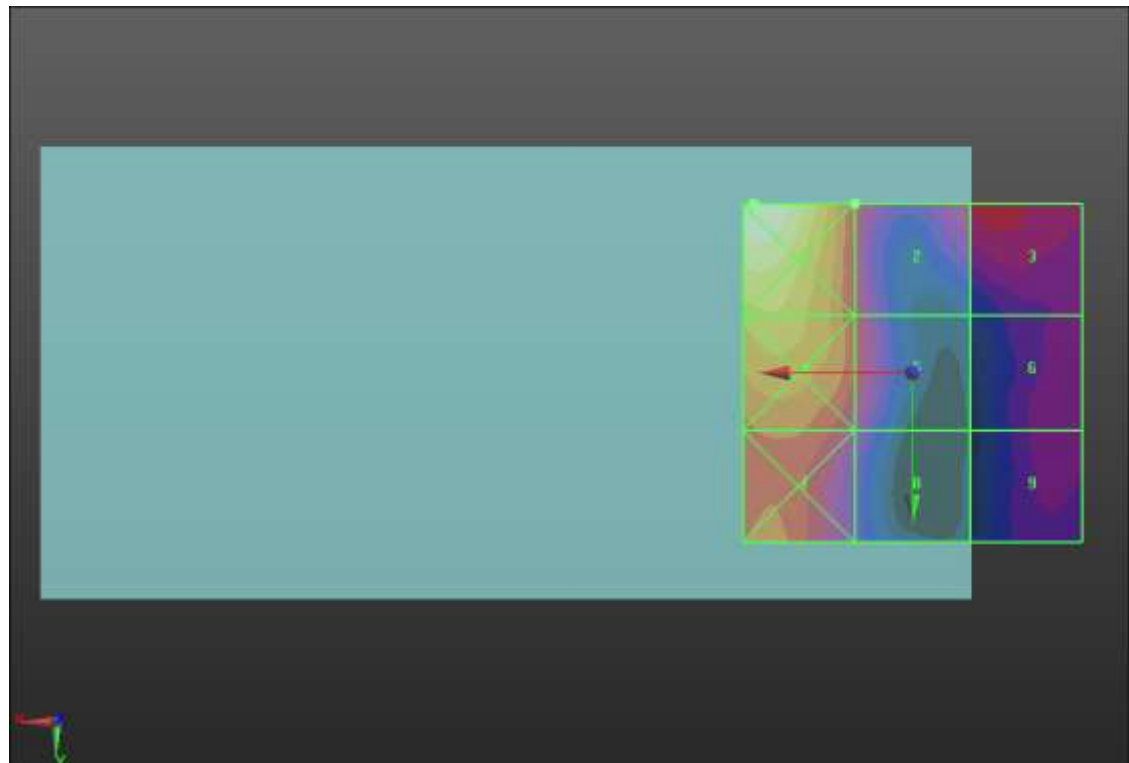
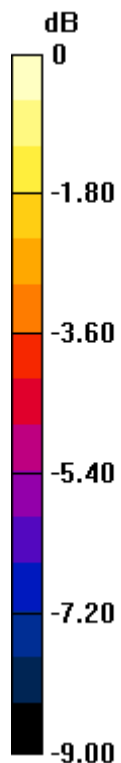
Applied MIF = -1.44 dB

RF audio interference level = 19.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.89 dBV/m	Grid 2 M4 19.92 dBV/m	Grid 3 M4 19.42 dBV/m
Grid 4 M4 22.03 dBV/m	Grid 5 M4 19.79 dBV/m	Grid 6 M4 18.34 dBV/m
Grid 7 M4 20.55 dBV/m	Grid 8 M4 18.59 dBV/m	Grid 9 M4 18.34 dBV/m



0 dB = 15.64 V/m = 23.88 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 = 7.797 V/m; Power Drift = -0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.01 dBV/m	Grid 2 M4 18.48 dBV/m	Grid 3 M4 18.74 dBV/m
Grid 4 M4 20.47 dBV/m	Grid 5 M4 18.4 dBV/m	Grid 6 M4 16.71 dBV/m
Grid 7 M4 19.93 dBV/m	Grid 8 M4 17.74 dBV/m	Grid 9 M4 16.91 dBV/m



0 dB = 12.60 V/m = 22.01 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):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.048 V/m; Power Drift = 0.45 dB

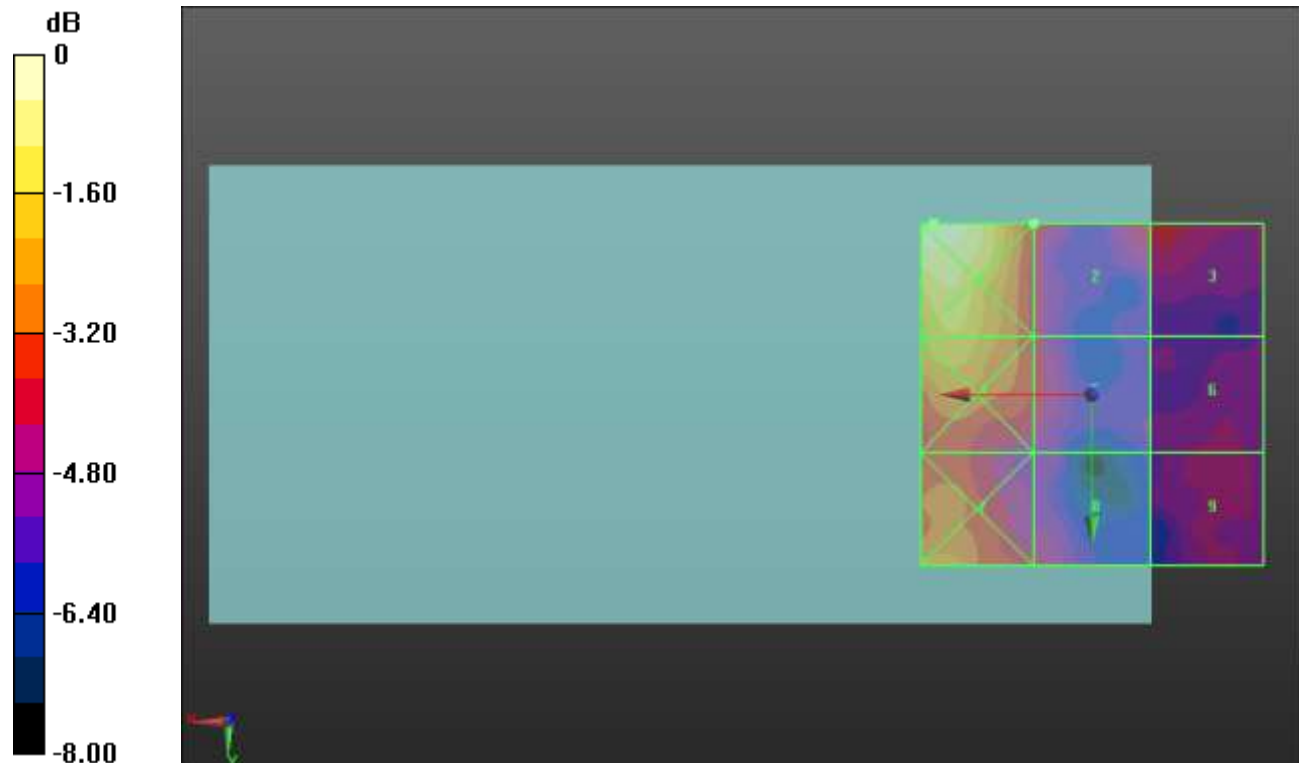
Applied MIF = -1.44 dB

RF audio interference level = 14.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.65 dBV/m	Grid 2 M4 14.13 dBV/m	Grid 3 M4 13.57 dBV/m
Grid 4 M4 16 dBV/m	Grid 5 M4 13.9 dBV/m	Grid 6 M4 13.08 dBV/m
Grid 7 M4 15.35 dBV/m	Grid 8 M4 13.73 dBV/m	Grid 9 M4 13.12 dBV/m



0 dB = 7.628 V/m = 17.65 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 = 76.80 V/m; Power Drift = -0.03 dB

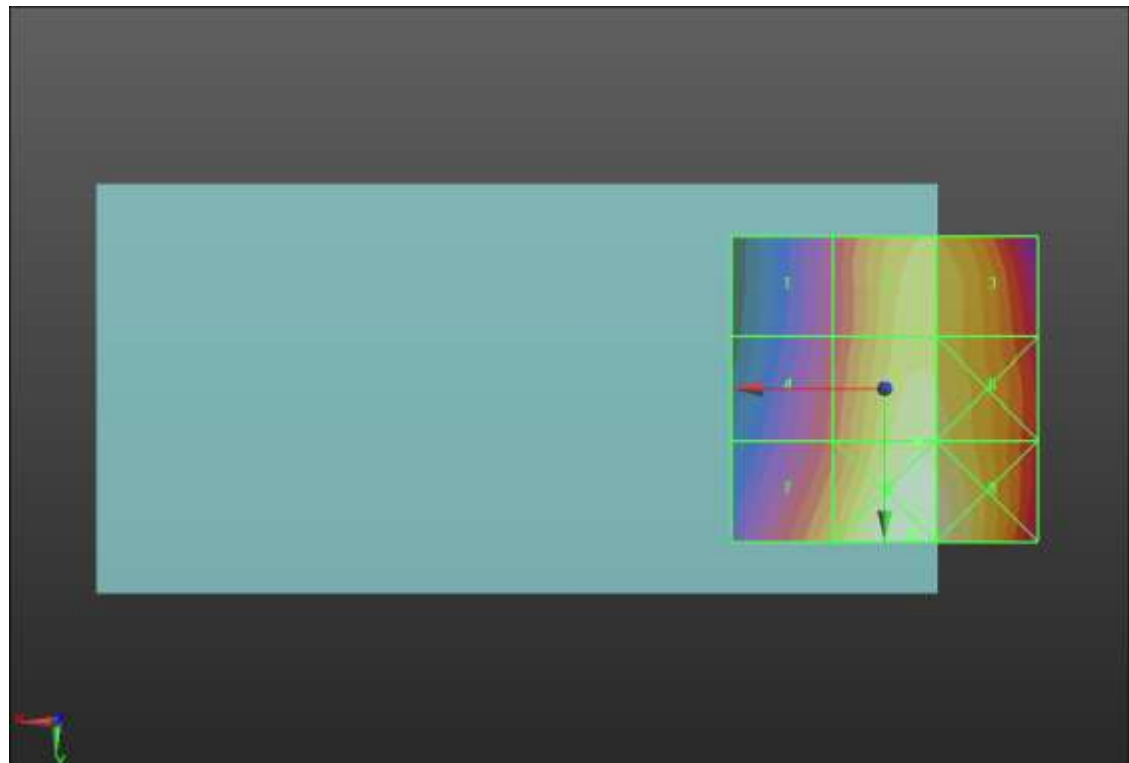
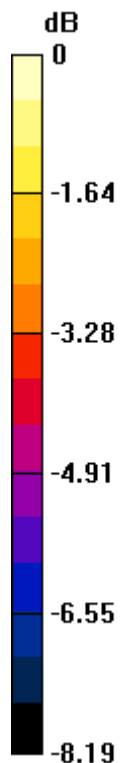
Applied MIF = 3.63 dB

RF audio interference level = 38.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.68 dBV/m	Grid 2 M4 37.63 dBV/m	Grid 3 M4 37.61 dBV/m
Grid 4 M4 35.36 dBV/m	Grid 5 M4 38.2 dBV/m	Grid 6 M4 37.99 dBV/m
Grid 7 M4 36.78 dBV/m	Grid 8 M4 38.84 dBV/m	Grid 9 M4 38.62 dBV/m



0 dB = 87.46 V/m = 38.84 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 = 84.05 V/m; Power Drift = -0.04 dB

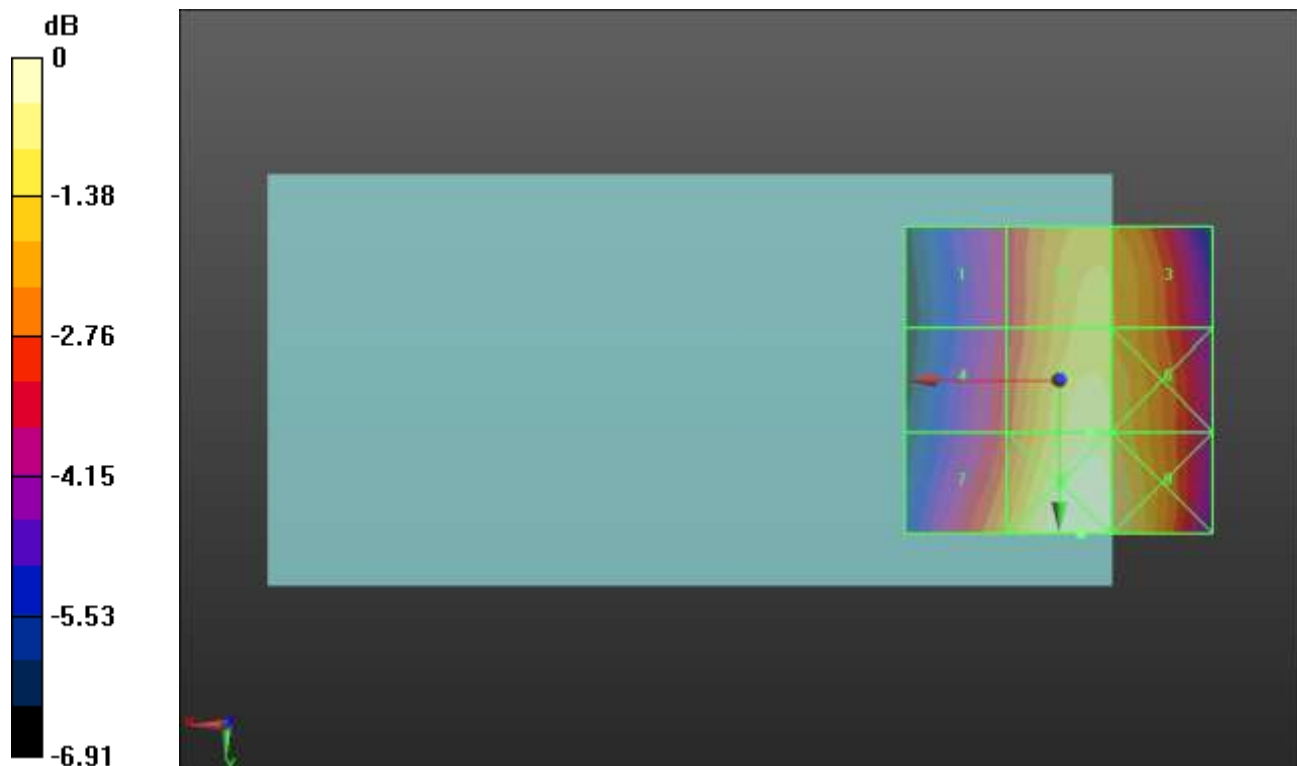
Applied MIF = 3.63 dB

RF audio interference level = 39.02 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.14 dBV/m	Grid 2 M4 38.39 dBV/m	Grid 3 M4 38.28 dBV/m
Grid 4 M4 36.64 dBV/m	Grid 5 M4 39.02 dBV/m	Grid 6 M4 38.78 dBV/m
Grid 7 M4 37.81 dBV/m	Grid 8 M4 39.59 dBV/m	Grid 9 M4 39.24 dBV/m



0 dB = 95.35 V/m = 39.59 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 = 87.33 V/m; Power Drift = -0.06 dB

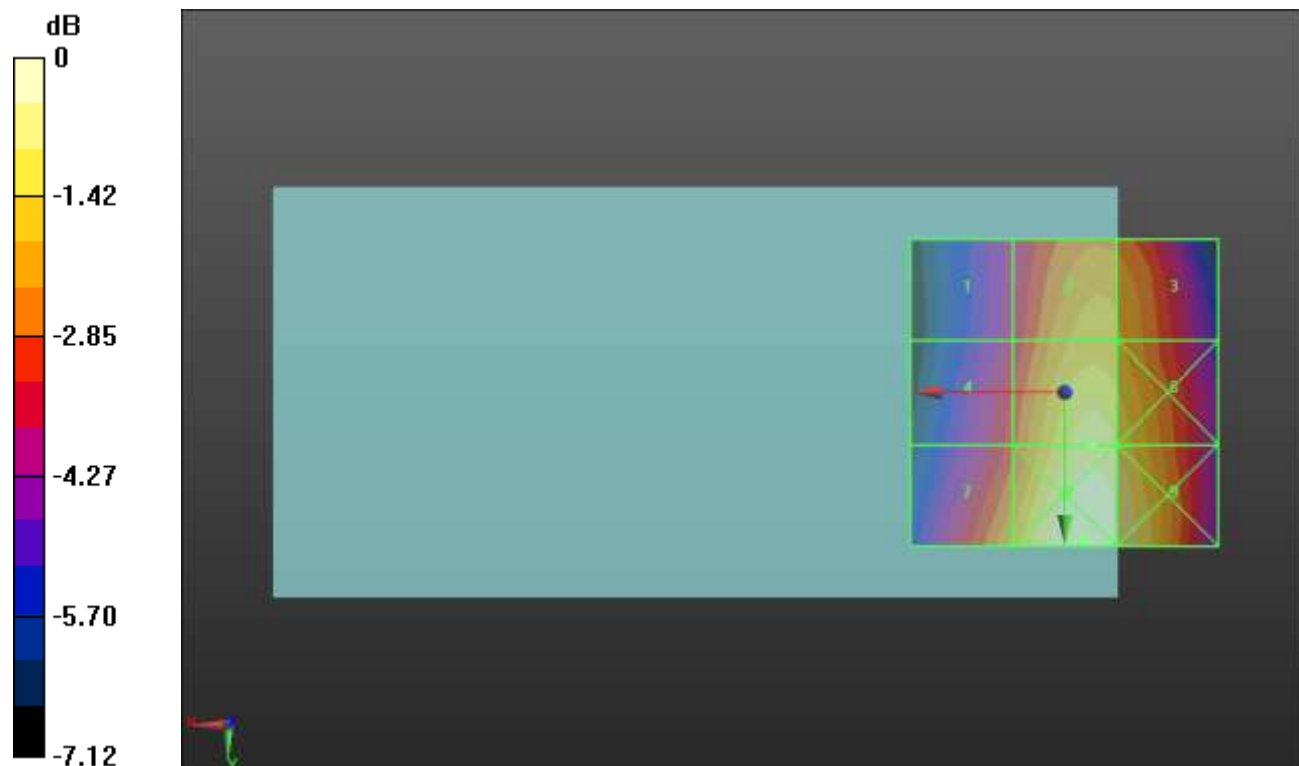
Applied MIF = 3.63 dB

RF audio interference level = 39.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.13 dBV/m	Grid 2 M4 38.28 dBV/m	Grid 3 M4 38.09 dBV/m
Grid 4 M4 36.88 dBV/m	Grid 5 M4 39.23 dBV/m	Grid 6 M4 38.88 dBV/m
Grid 7 M4 38.17 dBV/m	Grid 8 M4 39.89 dBV/m	Grid 9 M4 39.49 dBV/m



0 dB = 98.69 V/m = 39.89 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 = 36.26 V/m; Power Drift = -0.07 dB

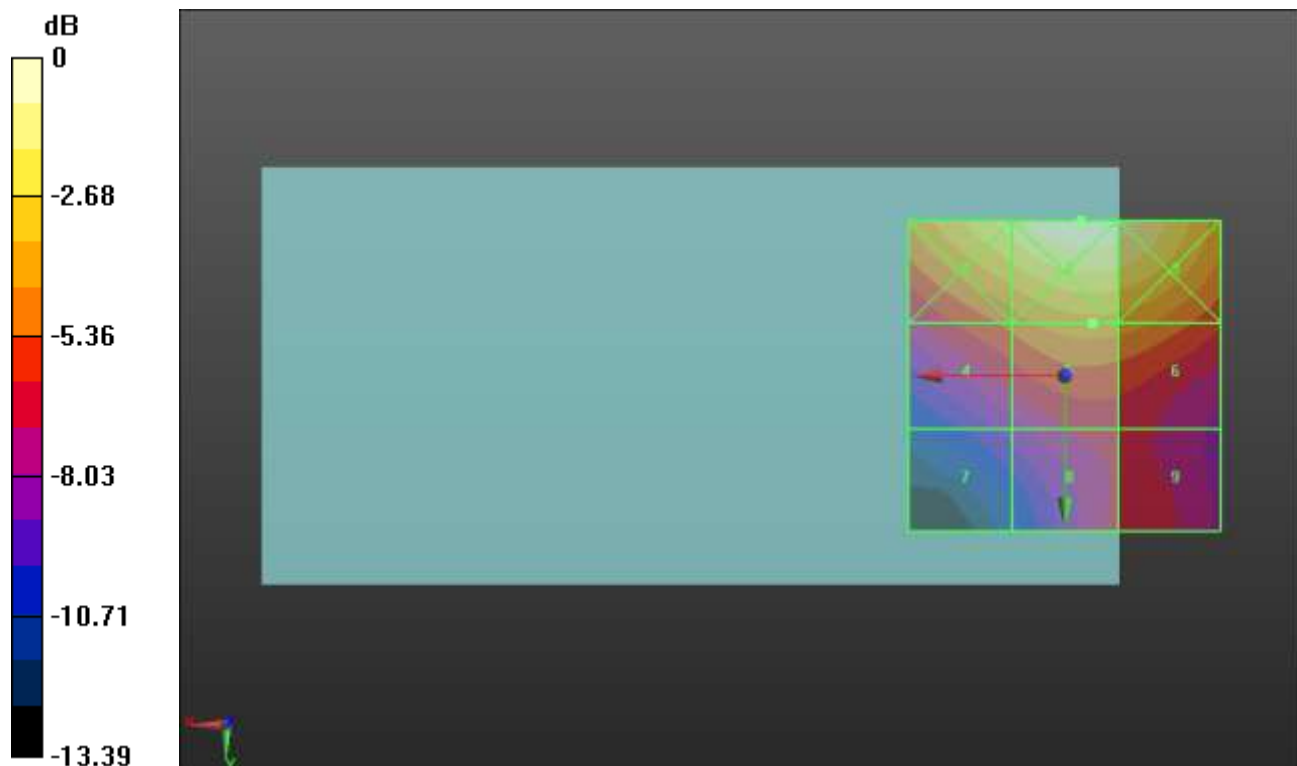
Applied MIF = 3.63 dB

RF audio interference level = 34.71 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 37.31 dBV/m	Grid 2 M2 38.57 dBV/m	Grid 3 M2 38.2 dBV/m
Grid 4 M3 33.56 dBV/m	Grid 5 M3 34.71 dBV/m	Grid 6 M3 34.6 dBV/m
Grid 7 M3 30.13 dBV/m	Grid 8 M3 31.8 dBV/m	Grid 9 M3 31.95 dBV/m



0 dB = 84.79 V/m = 38.57 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 = 34.92 V/m; Power Drift = -0.03 dB

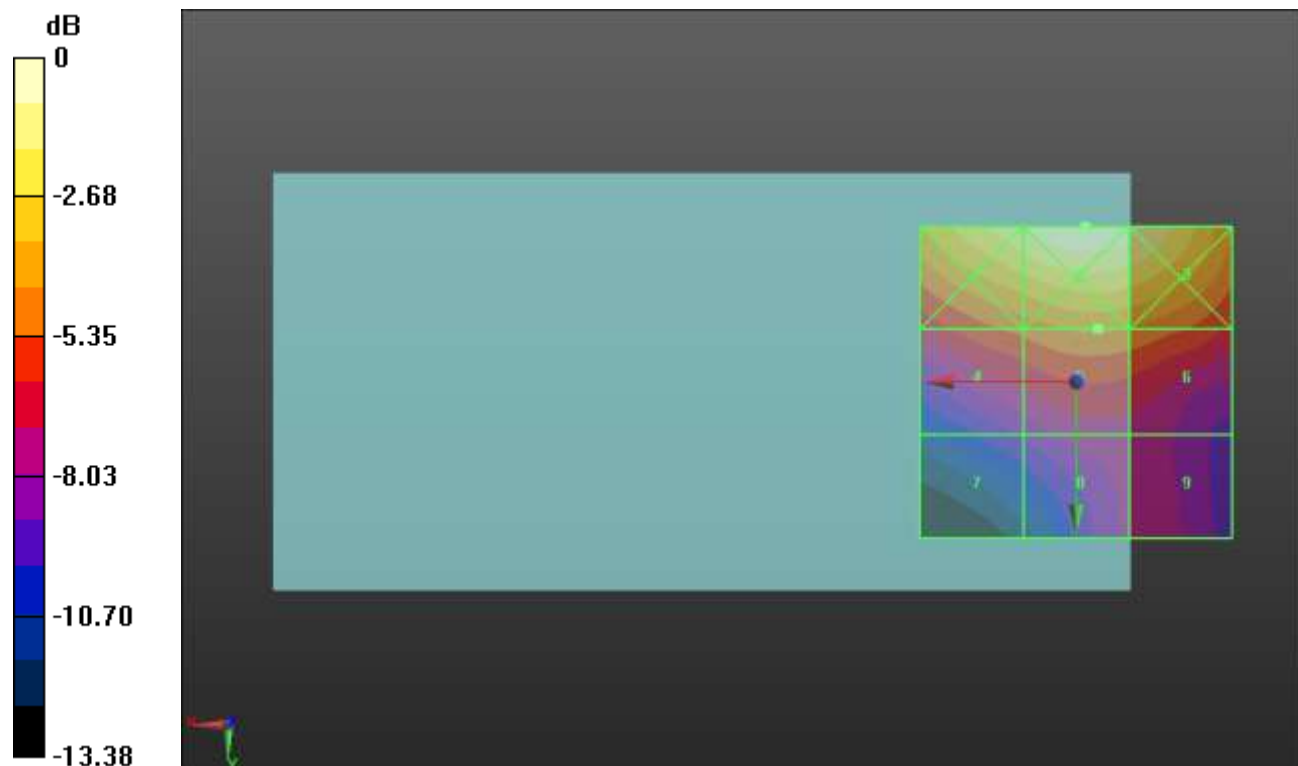
Applied MIF = 3.63 dB

RF audio interference level = 34.54 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 37.82 dBV/m	Grid 2 M2 38.82 dBV/m	Grid 3 M2 38.32 dBV/m
Grid 4 M3 33.8 dBV/m	Grid 5 M3 34.54 dBV/m	Grid 6 M3 34.33 dBV/m
Grid 7 M3 30.09 dBV/m	Grid 8 M3 31.4 dBV/m	Grid 9 M3 31.35 dBV/m



0 dB = 87.28 V/m = 38.82 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 = 33.84 V/m; Power Drift = -0.02 dB

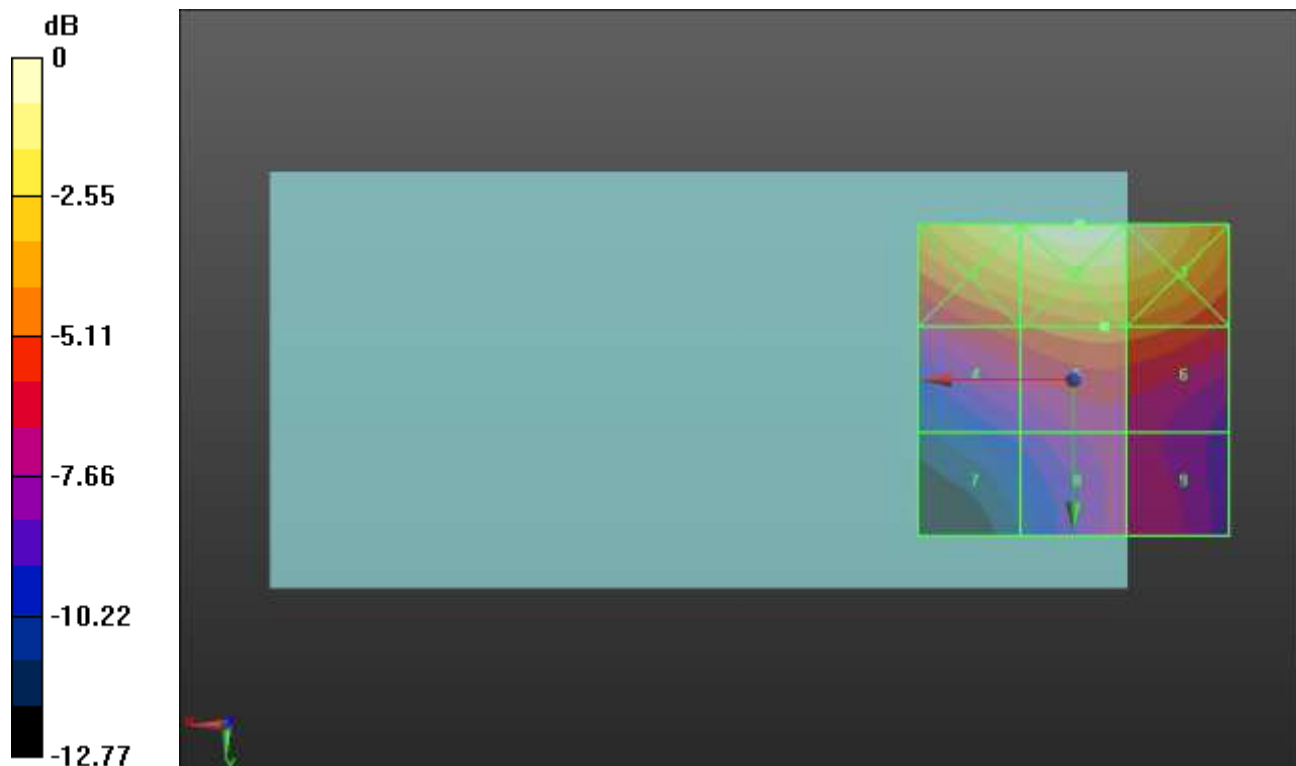
Applied MIF = 3.63 dB

RF audio interference level = 34.27 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 37.69 dBV/m	Grid 2 M2 38.7 dBV/m	Grid 3 M2 38.23 dBV/m
Grid 4 M3 33.39 dBV/m	Grid 5 M3 34.27 dBV/m	Grid 6 M3 34.18 dBV/m
Grid 7 M4 29.8 dBV/m	Grid 8 M3 31.5 dBV/m	Grid 9 M3 31.62 dBV/m



0 dB = 86.11 V/m = 38.70 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 = 36.18 V/m; Power Drift = -0.09 dB

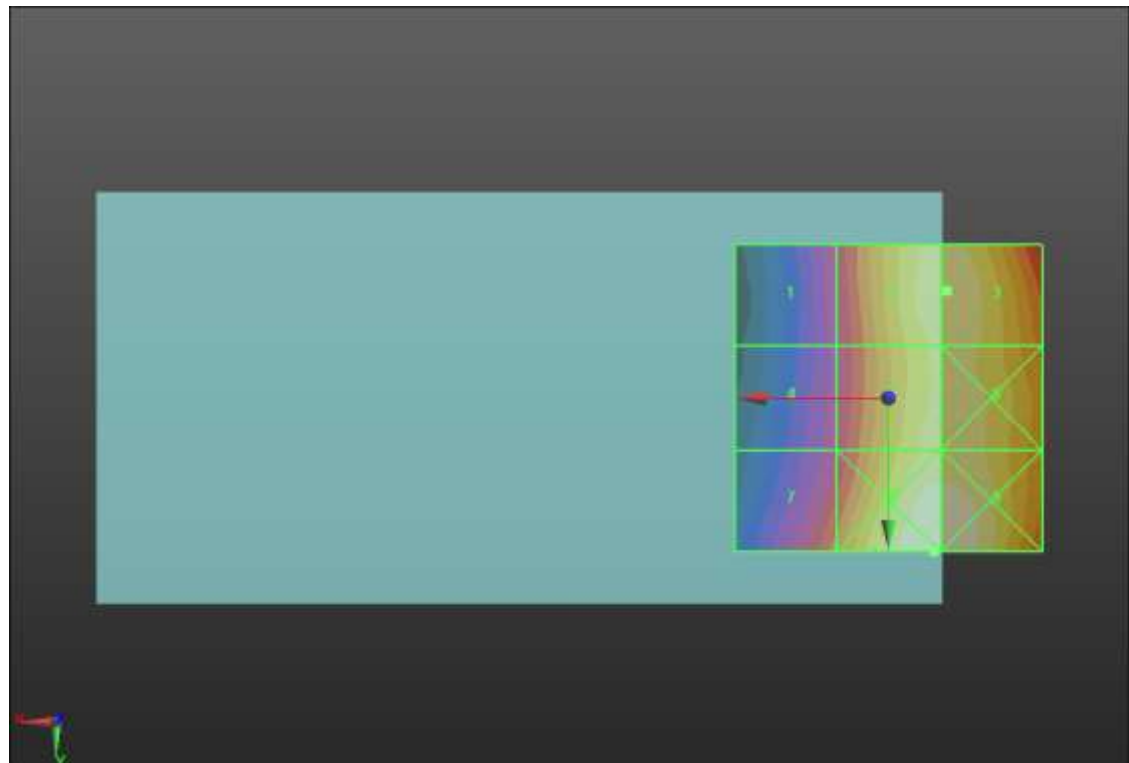
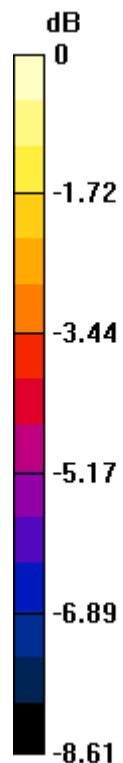
Applied MIF = 3.26 dB

RF audio interference level = 32.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.57 dBV/m	Grid 2 M4 32.31 dBV/m	Grid 3 M4 32.33 dBV/m
Grid 4 M4 28.5 dBV/m	Grid 5 M4 32.14 dBV/m	Grid 6 M4 32.16 dBV/m
Grid 7 M4 29.9 dBV/m	Grid 8 M4 33.06 dBV/m	Grid 9 M4 33.05 dBV/m



0 dB = 44.98 V/m = 33.06 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 = 36.75 V/m; Power Drift = 0.15 dB

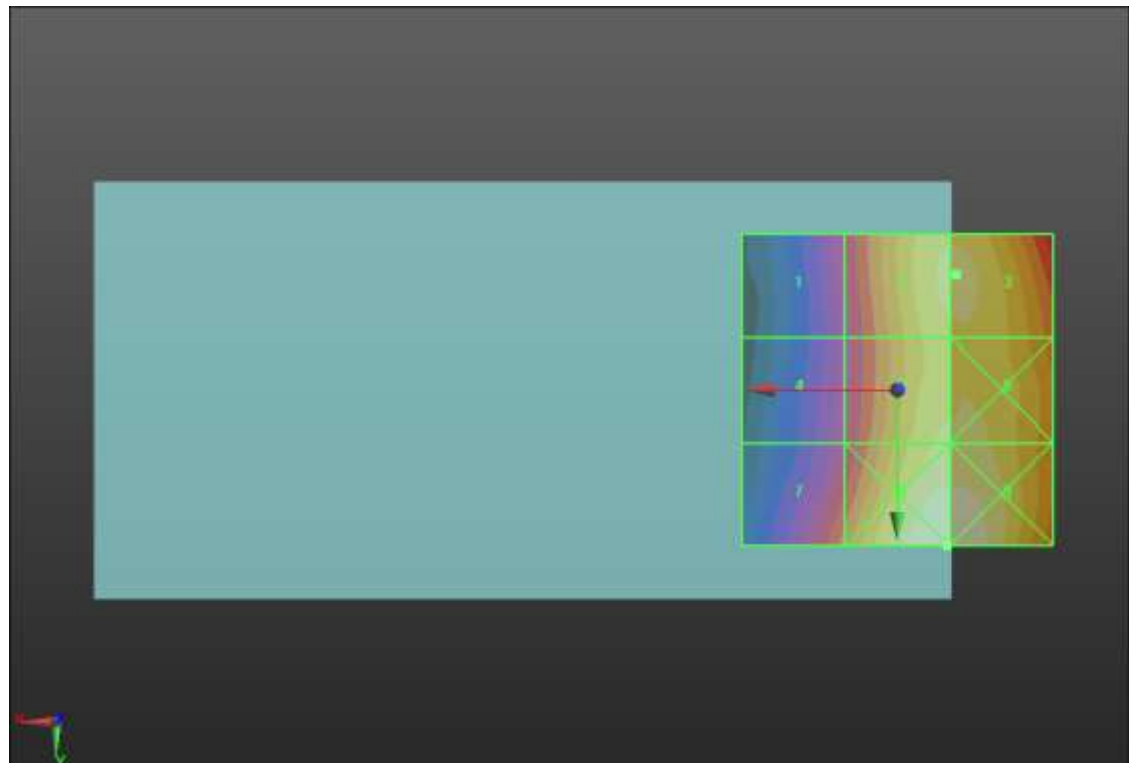
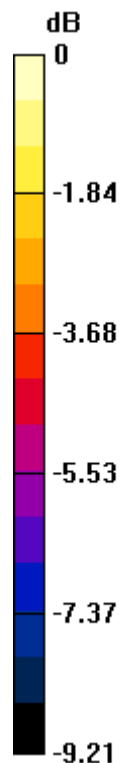
Applied MIF = 3.26 dB

RF audio interference level = 32.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.72 dBV/m	Grid 2 M4 32.53 dBV/m	Grid 3 M4 32.55 dBV/m
Grid 4 M4 28.68 dBV/m	Grid 5 M4 32.51 dBV/m	Grid 6 M4 32.54 dBV/m
Grid 7 M4 30.24 dBV/m	Grid 8 M4 33.6 dBV/m	Grid 9 M4 33.6 dBV/m



0 dB = 47.87 V/m = 33.60 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 = 39.29 V/m; Power Drift = -0.08 dB

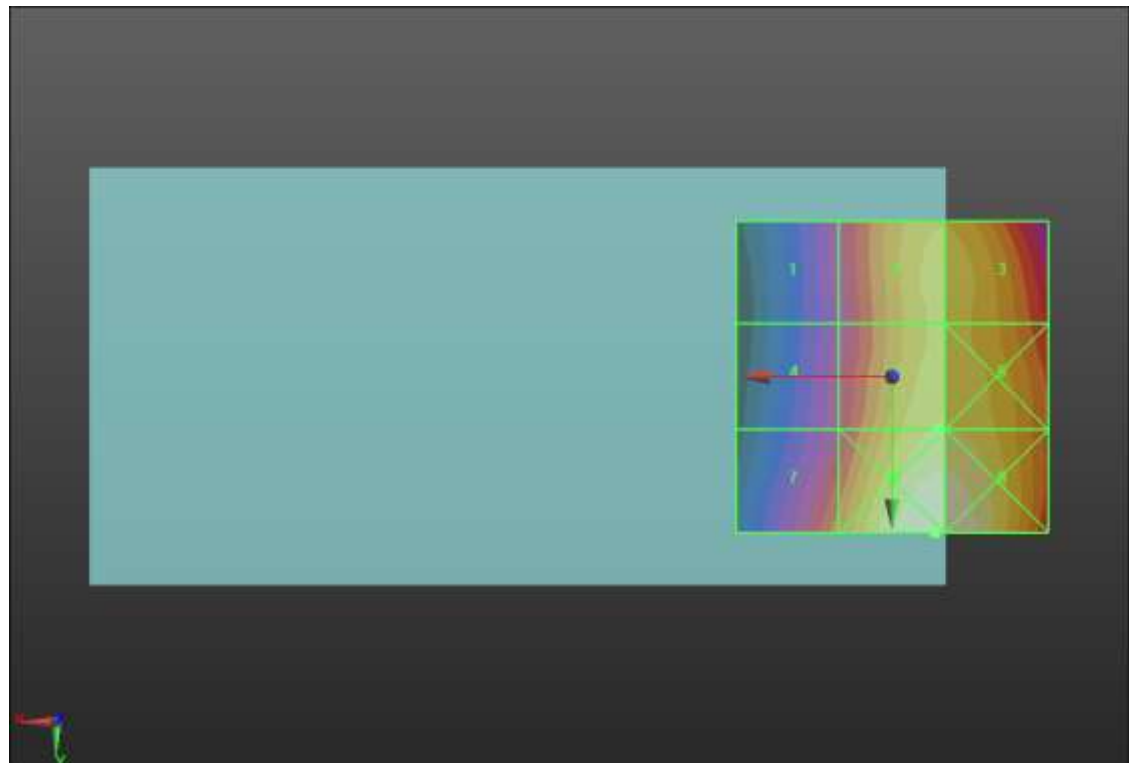
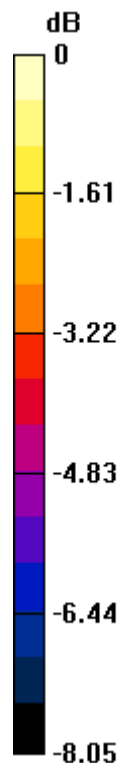
Applied MIF = 3.26 dB

RF audio interference level = 32.79 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.34 dBV/m	Grid 2 M4 32.43 dBV/m	Grid 3 M4 32.43 dBV/m
Grid 4 M4 29.58 dBV/m	Grid 5 M4 32.79 dBV/m	Grid 6 M4 32.78 dBV/m
Grid 7 M4 31 dBV/m	Grid 8 M4 33.8 dBV/m	Grid 9 M4 33.77 dBV/m



0 dB = 48.96 V/m = 33.80 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 = 21.89 V/m; Power Drift = 0.07 dB

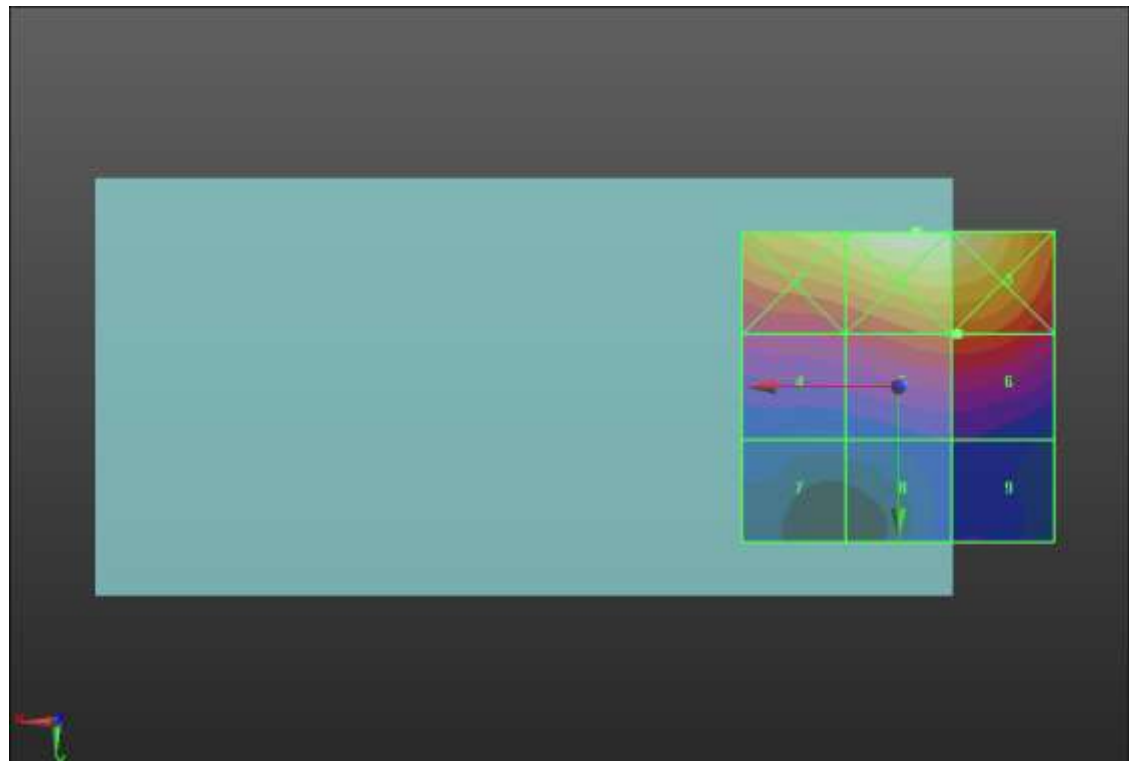
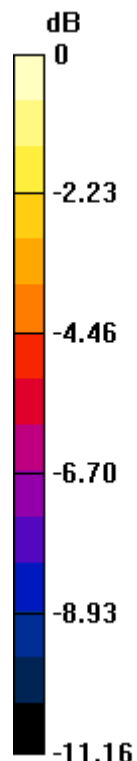
Applied MIF = 3.26 dB

RF audio interference level = 30.51 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 33.67 dBV/m	Grid 2 M3 34.78 dBV/m	Grid 3 M3 34.56 dBV/m
Grid 4 M4 29.15 dBV/m	Grid 5 M3 30.5 dBV/m	Grid 6 M3 30.51 dBV/m
Grid 7 M4 25.83 dBV/m	Grid 8 M4 26.69 dBV/m	Grid 9 M4 26.73 dBV/m



0 dB = 54.81 V/m = 34.78 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 = 21.59 V/m; Power Drift = 0.11 dB

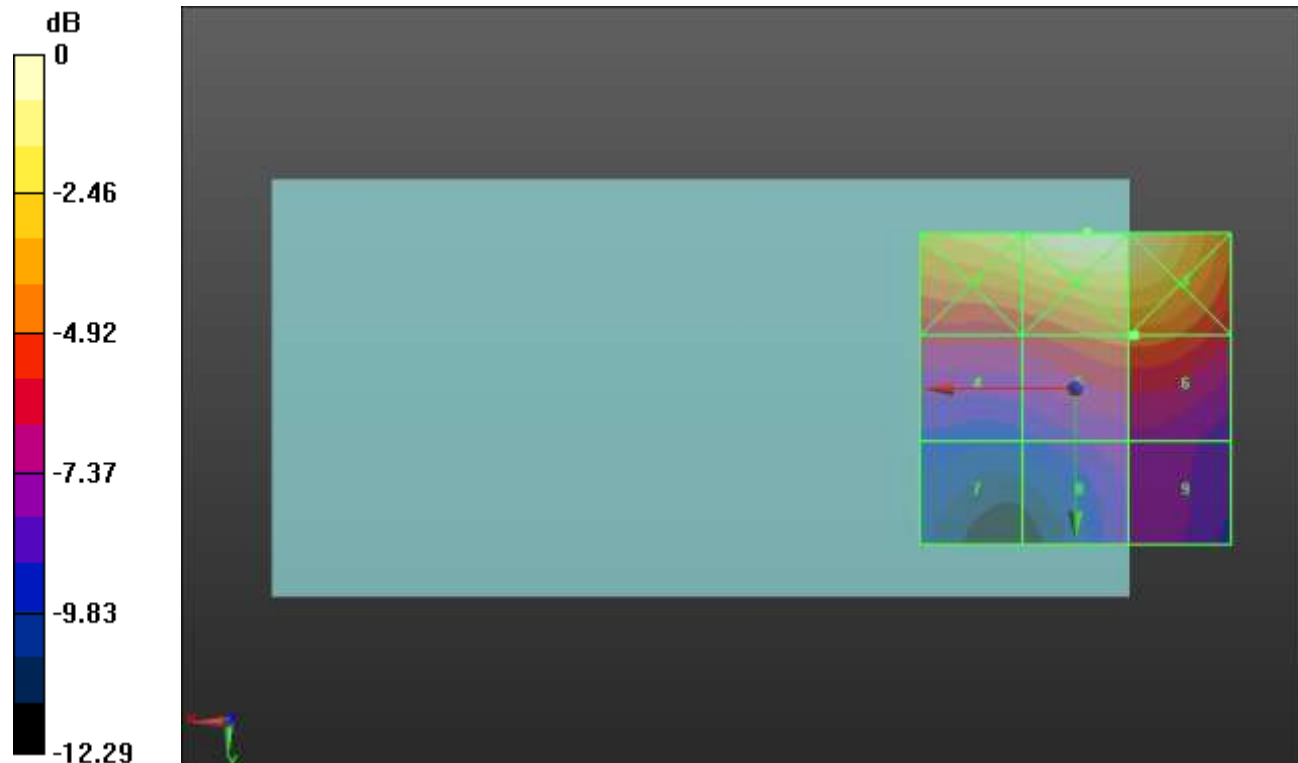
Applied MIF = 3.26 dB

RF audio interference level = 30.52 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 33.88 dBV/m	Grid 2 M3 34.96 dBV/m	Grid 3 M3 34.72 dBV/m
Grid 4 M4 29.01 dBV/m	Grid 5 M3 30.52 dBV/m	Grid 6 M3 30.52 dBV/m
Grid 7 M4 25.74 dBV/m	Grid 8 M4 27.34 dBV/m	Grid 9 M4 27.41 dBV/m



0 dB = 56.00 V/m = 34.96 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 = 22.59 V/m; Power Drift = -0.02 dB

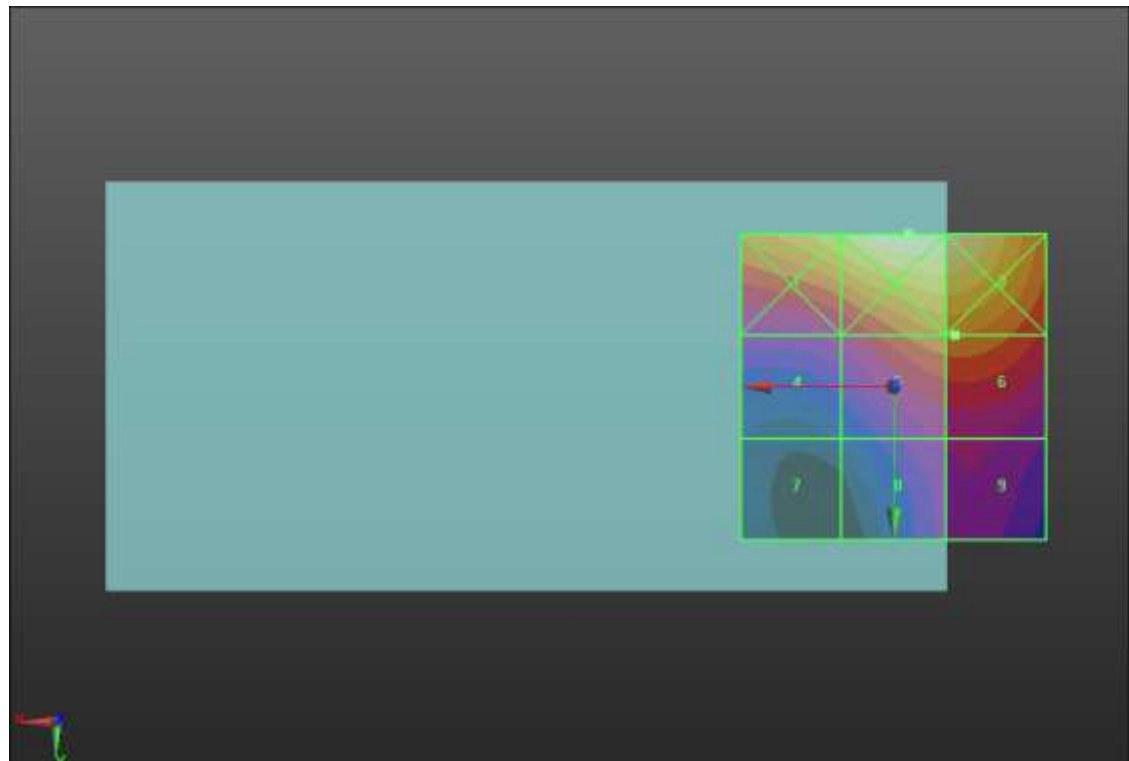
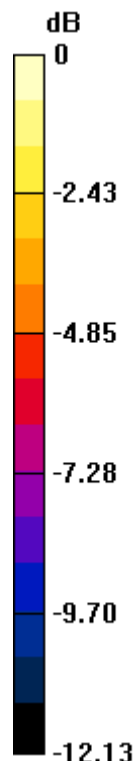
Applied MIF = 3.26 dB

RF audio interference level = 31.11 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 33.66 dBV/m	Grid 2 M2 35.13 dBV/m	Grid 3 M3 34.83 dBV/m
Grid 4 M4 28.42 dBV/m	Grid 5 M3 31.08 dBV/m	Grid 6 M3 31.11 dBV/m
Grid 7 M4 24.93 dBV/m	Grid 8 M4 28.04 dBV/m	Grid 9 M4 28.14 dBV/m



0 dB = 57.07 V/m = 35.13 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 = 34.02 V/m; Power Drift = -0.09 dB

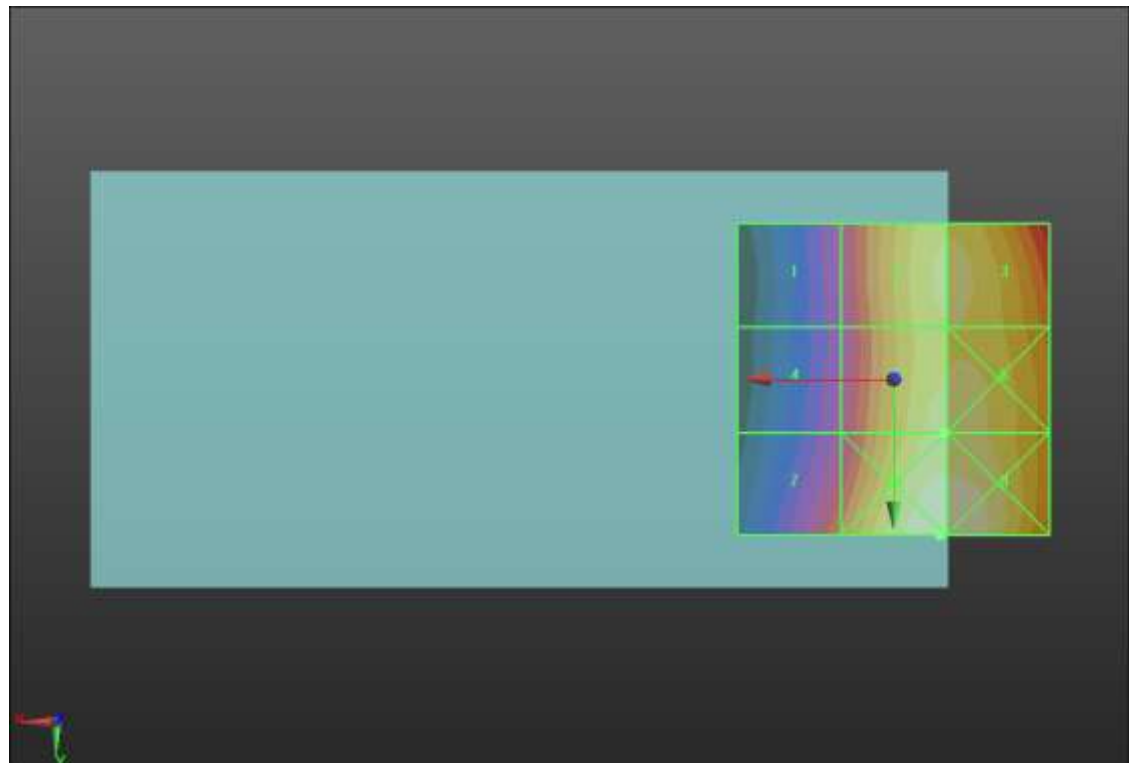
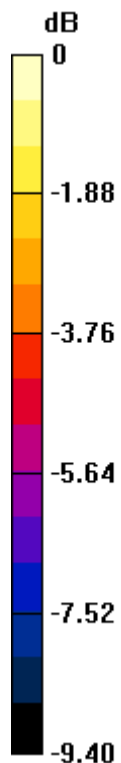
Applied MIF = 3.26 dB

RF audio interference level = 31.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.06 dBV/m	Grid 2 M4 31.2 dBV/m	Grid 3 M4 31.21 dBV/m
Grid 4 M4 27.09 dBV/m	Grid 5 M4 31.26 dBV/m	Grid 6 M4 31.26 dBV/m
Grid 7 M4 28.71 dBV/m	Grid 8 M4 32.31 dBV/m	Grid 9 M4 32.31 dBV/m



0 dB = 41.28 V/m = 32.31 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 = 32.56 V/m; Power Drift = 0.15 dB

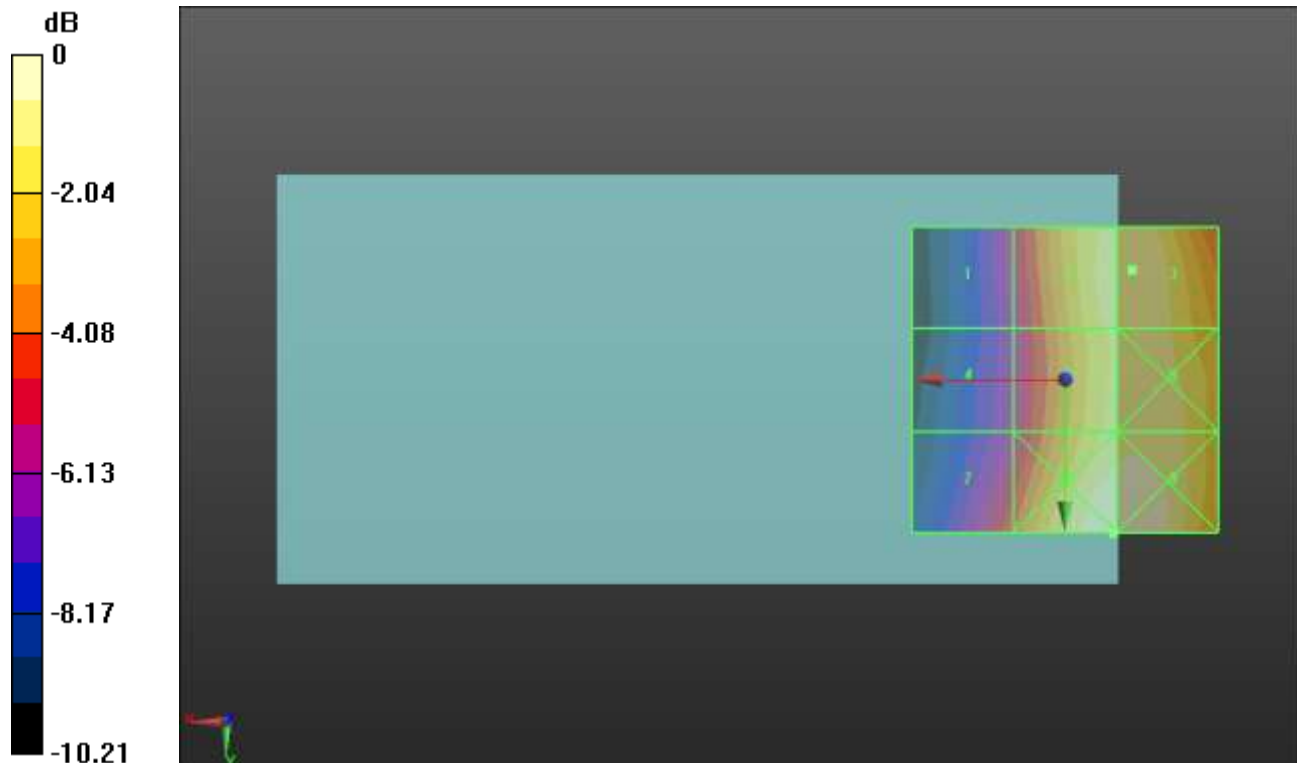
Applied MIF = 3.26 dB

RF audio interference level = 32.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.35 dBV/m	Grid 2 M4 32.1 dBV/m	Grid 3 M4 32.22 dBV/m
Grid 4 M4 27.09 dBV/m	Grid 5 M4 31.86 dBV/m	Grid 6 M4 32.04 dBV/m
Grid 7 M4 28.91 dBV/m	Grid 8 M4 32.9 dBV/m	Grid 9 M4 32.9 dBV/m



0 dB = 44.16 V/m = 32.90 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 = 34.21 V/m; Power Drift = 0.05 dB

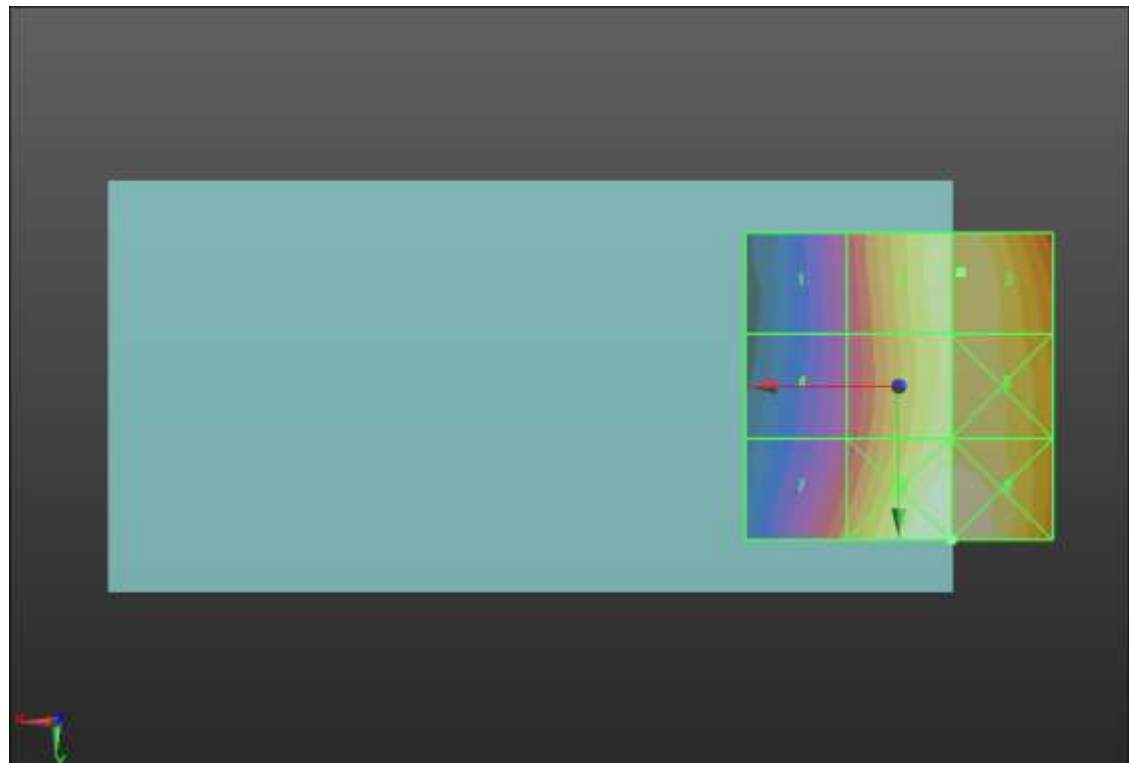
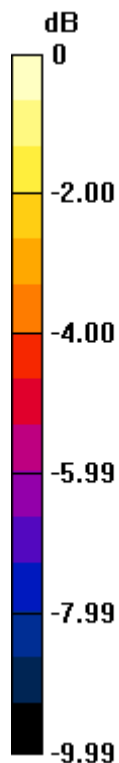
Applied MIF = 3.26 dB

RF audio interference level = 32.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.78 dBV/m	Grid 2 M4 32.11 dBV/m	Grid 3 M4 32.14 dBV/m
Grid 4 M4 27.68 dBV/m	Grid 5 M4 31.91 dBV/m	Grid 6 M4 31.94 dBV/m
Grid 7 M4 29.39 dBV/m	Grid 8 M4 32.9 dBV/m	Grid 9 M4 32.9 dBV/m



0 dB = 44.15 V/m = 32.90 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 = 17.71 V/m; Power Drift = 1.25 dB

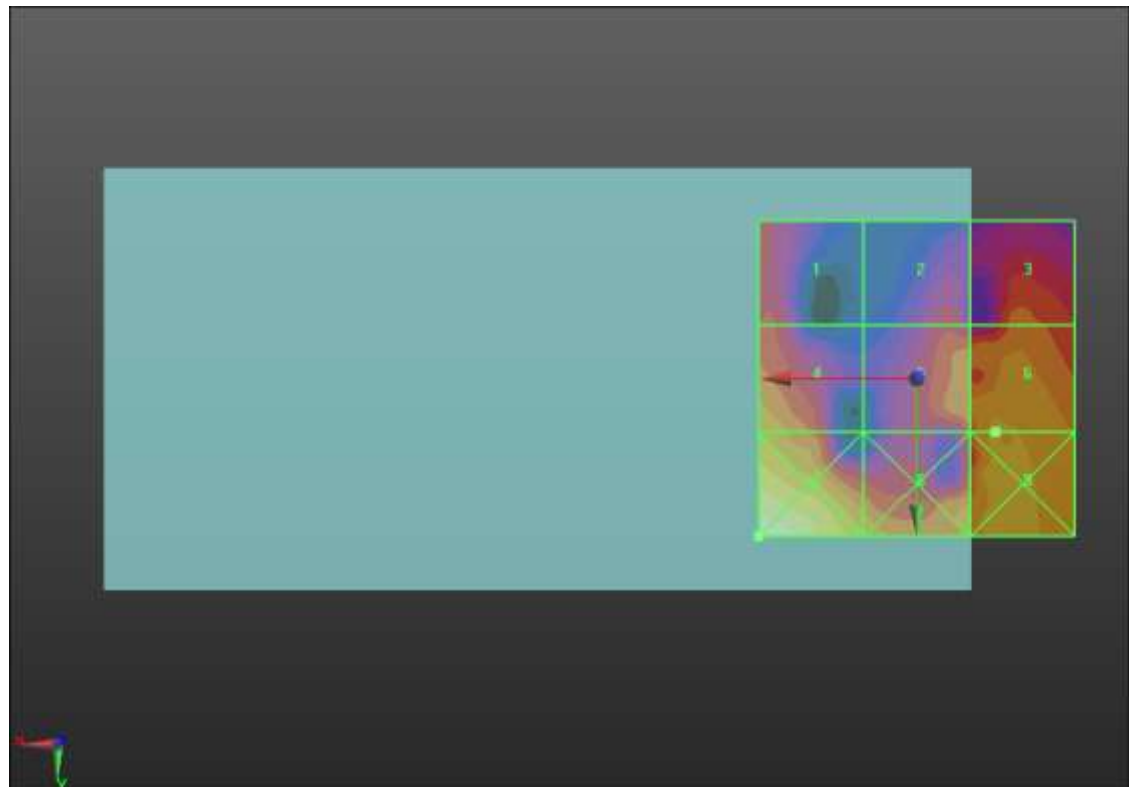
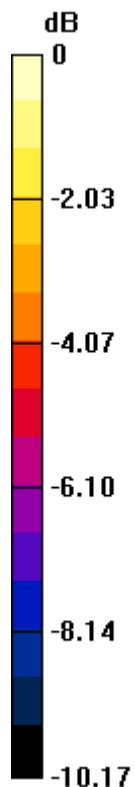
Applied MIF = -2.02 dB

RF audio interference level = 24.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.82 dBV/m	Grid 2 M4 22.56 dBV/m	Grid 3 M4 23.65 dBV/m
Grid 4 M4 24.66 dBV/m	Grid 5 M4 24.03 dBV/m	Grid 6 M4 24.71 dBV/m
Grid 7 M4 27.35 dBV/m	Grid 8 M4 24.8 dBV/m	Grid 9 M4 24.89 dBV/m



0 dB = 23.31 V/m = 27.35 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 = 18.55 V/m; Power Drift = -1.12 dB

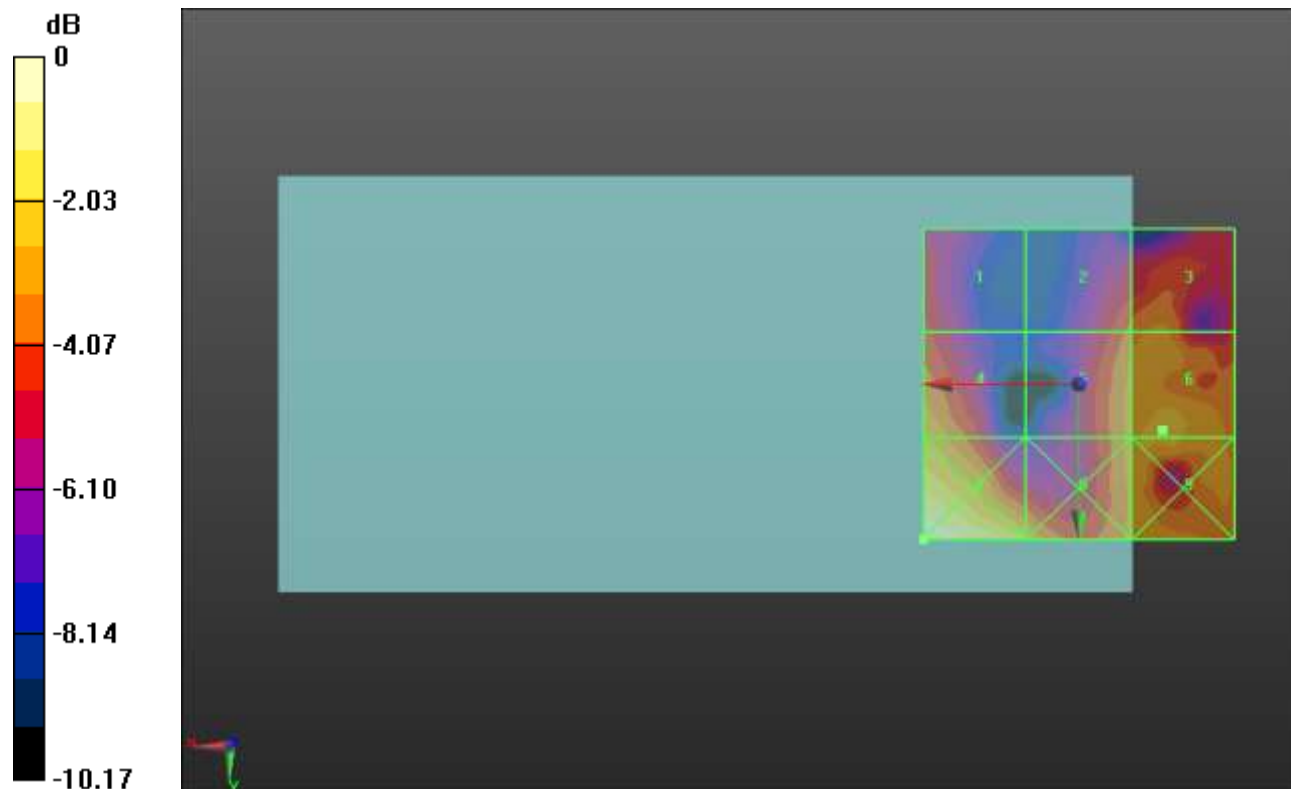
Applied MIF = -2.02 dB

RF audio interference level = 24.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.26 dBV/m	Grid 2 M4 23.02 dBV/m	Grid 3 M4 23.58 dBV/m
Grid 4 M4 24.16 dBV/m	Grid 5 M4 23.82 dBV/m	Grid 6 M4 24.3 dBV/m
Grid 7 M4 26.79 dBV/m	Grid 8 M4 24.7 dBV/m	Grid 9 M4 24.28 dBV/m



0 dB = 21.85 V/m = 26.79 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 = 14.77 V/m; Power Drift = 1.04 dB

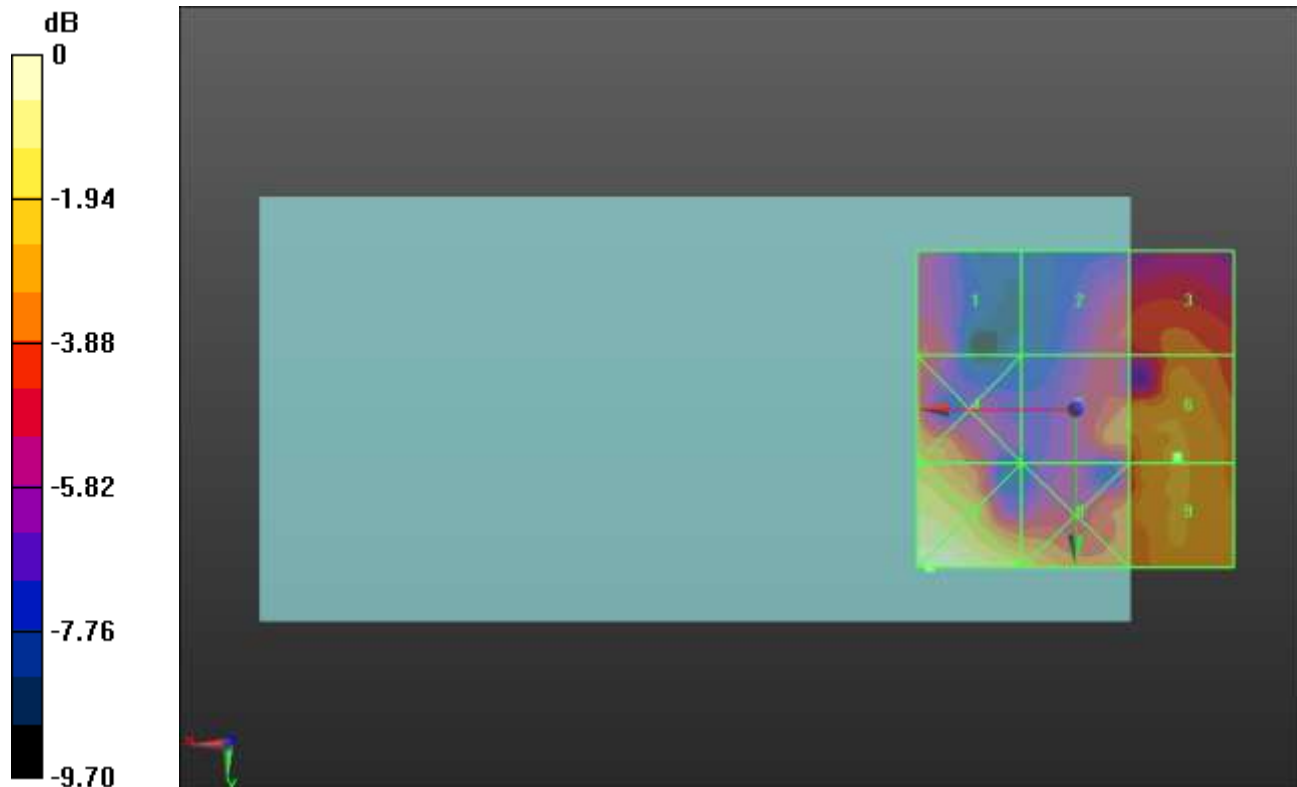
Applied MIF = -2.02 dB

RF audio interference level = 23.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.38 dBV/m	Grid 2 M4 21.33 dBV/m	Grid 3 M4 22.34 dBV/m
Grid 4 M4 23.51 dBV/m	Grid 5 M4 22.67 dBV/m	Grid 6 M4 23.25 dBV/m
Grid 7 M4 25.73 dBV/m	Grid 8 M4 24.11 dBV/m	Grid 9 M4 23.25 dBV/m



0 dB = 19.35 V/m = 25.73 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 = 20.41 V/m; Power Drift = -1.08 dB

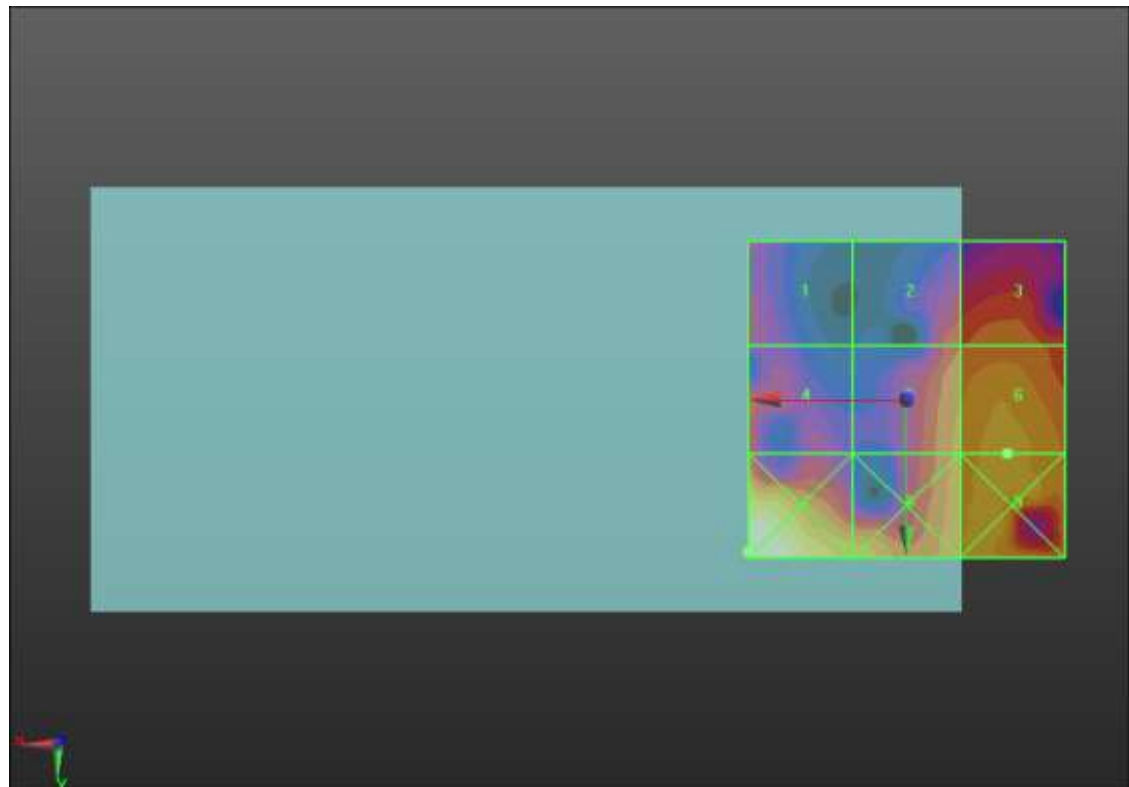
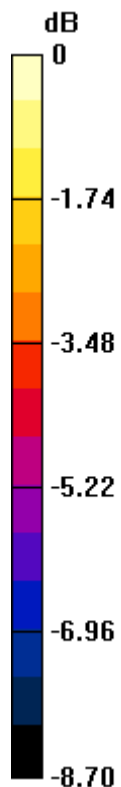
Applied MIF = 0.12 dB

RF audio interference level = 27.14 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.78 dBV/m	Grid 2 M4 25.63 dBV/m	Grid 3 M4 26.15 dBV/m
Grid 4 M4 26.07 dBV/m	Grid 5 M4 26.48 dBV/m	Grid 6 M4 27.14 dBV/m
Grid 7 M4 29.18 dBV/m	Grid 8 M4 27.18 dBV/m	Grid 9 M4 27.27 dBV/m



0 dB = 28.78 V/m = 29.18 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 = 17.06 V/m; Power Drift = -0.38 dB

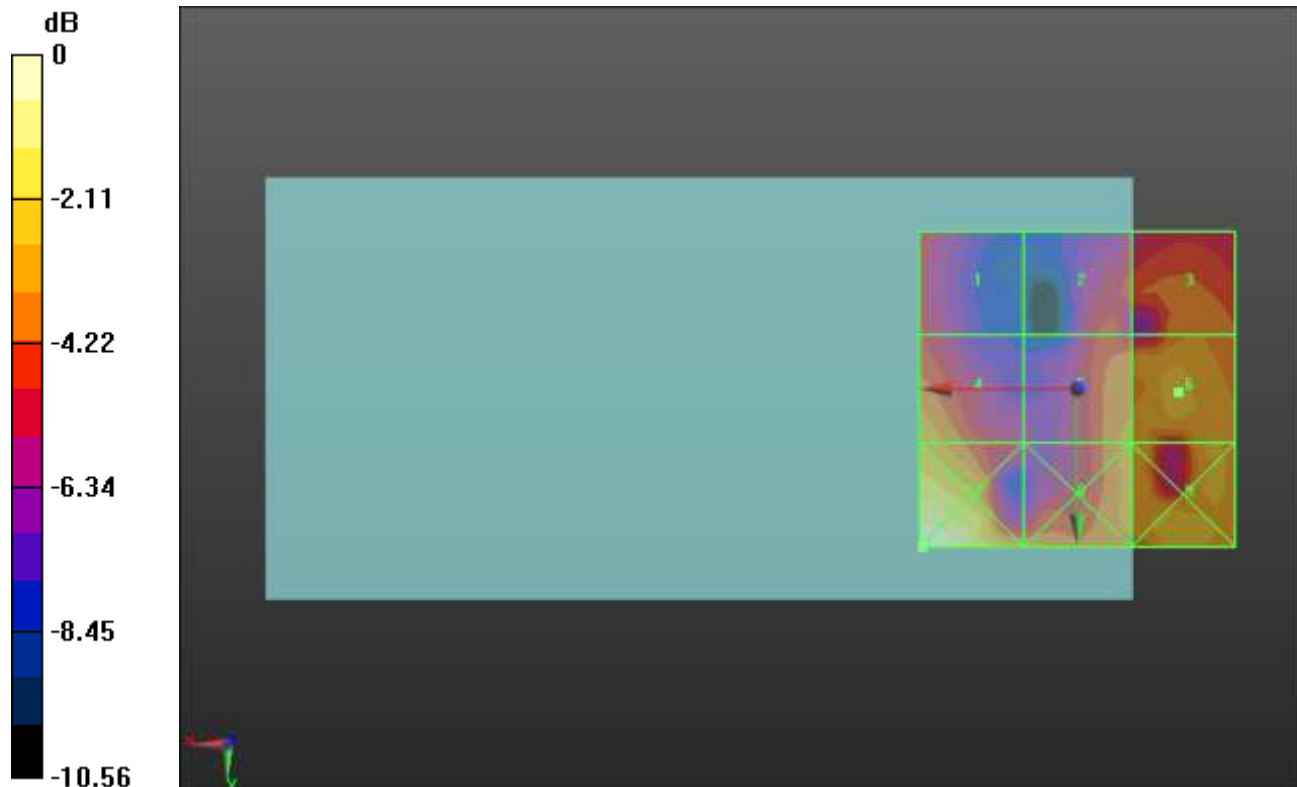
Applied MIF = 0.12 dB

RF audio interference level = 26.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24 dBV/m	Grid 2 M4 24.27 dBV/m	Grid 3 M4 25.37 dBV/m
Grid 4 M4 26.1 dBV/m	Grid 5 M4 25.81 dBV/m	Grid 6 M4 26.28 dBV/m
Grid 7 M4 28.86 dBV/m	Grid 8 M4 25.96 dBV/m	Grid 9 M4 26.57 dBV/m



0 dB = 27.72 V/m = 28.86 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 = 16.22 V/m; Power Drift = 0.08 dB

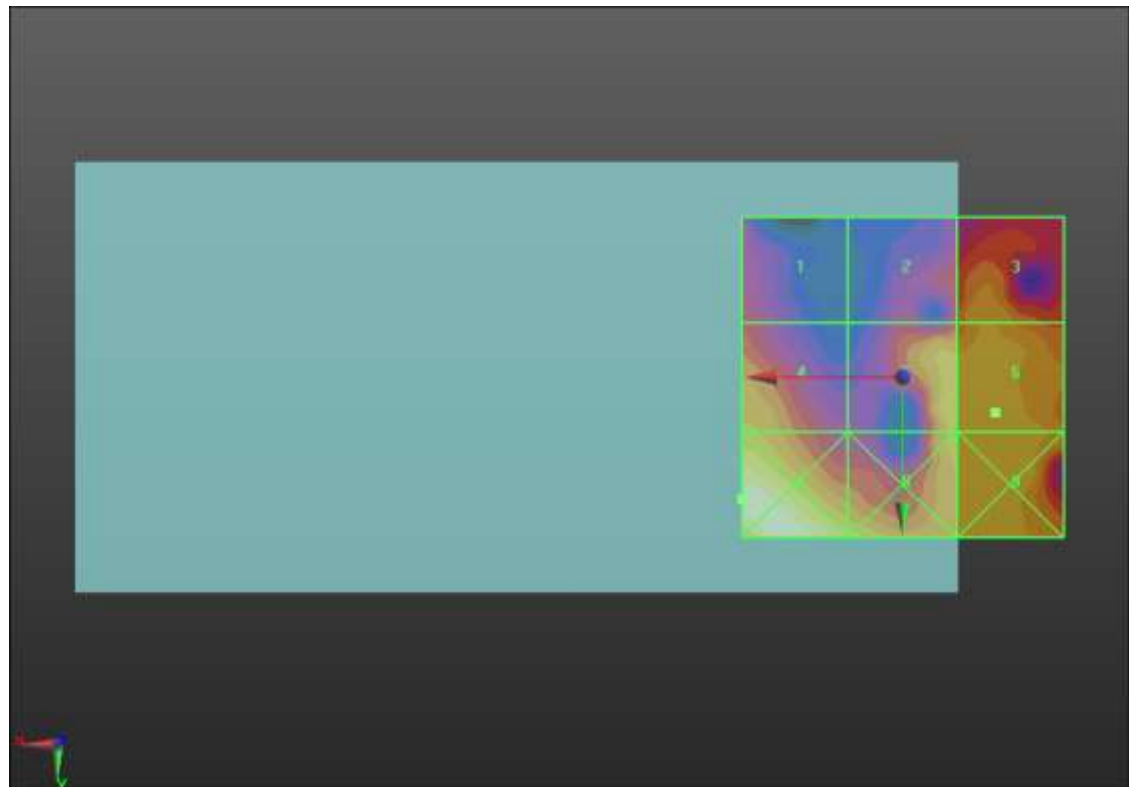
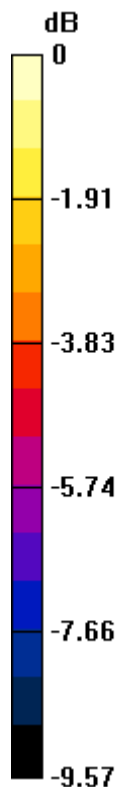
Applied MIF = 0.12 dB

RF audio interference level = 25.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.05 dBV/m	Grid 2 M4 23.53 dBV/m	Grid 3 M4 25.04 dBV/m
Grid 4 M4 25.23 dBV/m	Grid 5 M4 25.41 dBV/m	Grid 6 M4 25.52 dBV/m
Grid 7 M4 27.58 dBV/m	Grid 8 M4 26.08 dBV/m	Grid 9 M4 25.67 dBV/m



0 dB = 23.93 V/m = 27.58 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 = 12.40 V/m; Power Drift = 0.28 dB

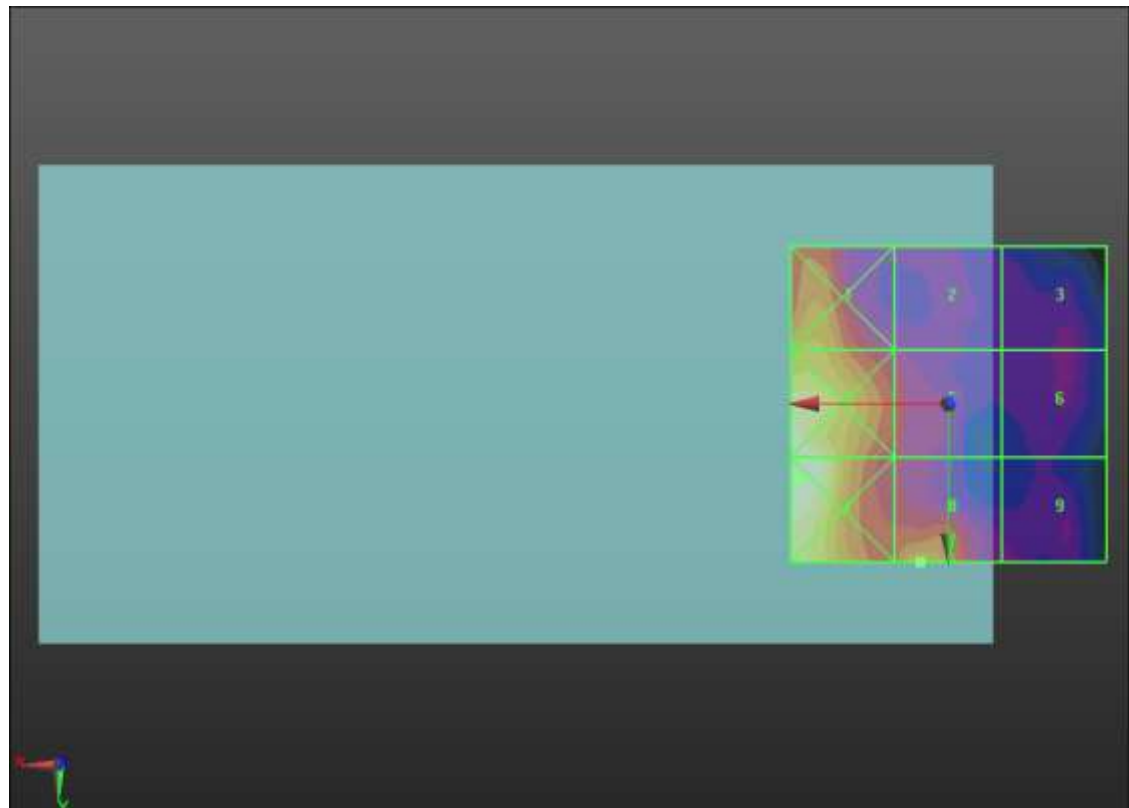
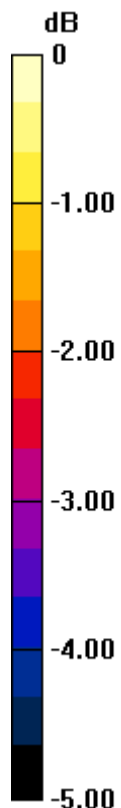
Applied MIF = -3.15 dB

RF audio interference level = 19.13 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.32 dBV/m	Grid 2 M4 17.68 dBV/m	Grid 3 M4 17.38 dBV/m
Grid 4 M4 20.47 dBV/m	Grid 5 M4 18.24 dBV/m	Grid 6 M4 17.36 dBV/m
Grid 7 M4 20.54 dBV/m	Grid 8 M4 19.13 dBV/m	Grid 9 M4 17.41 dBV/m



0 dB = 10.65 V/m = 20.55 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 = 13.58 V/m; Power Drift = 0.30 dB

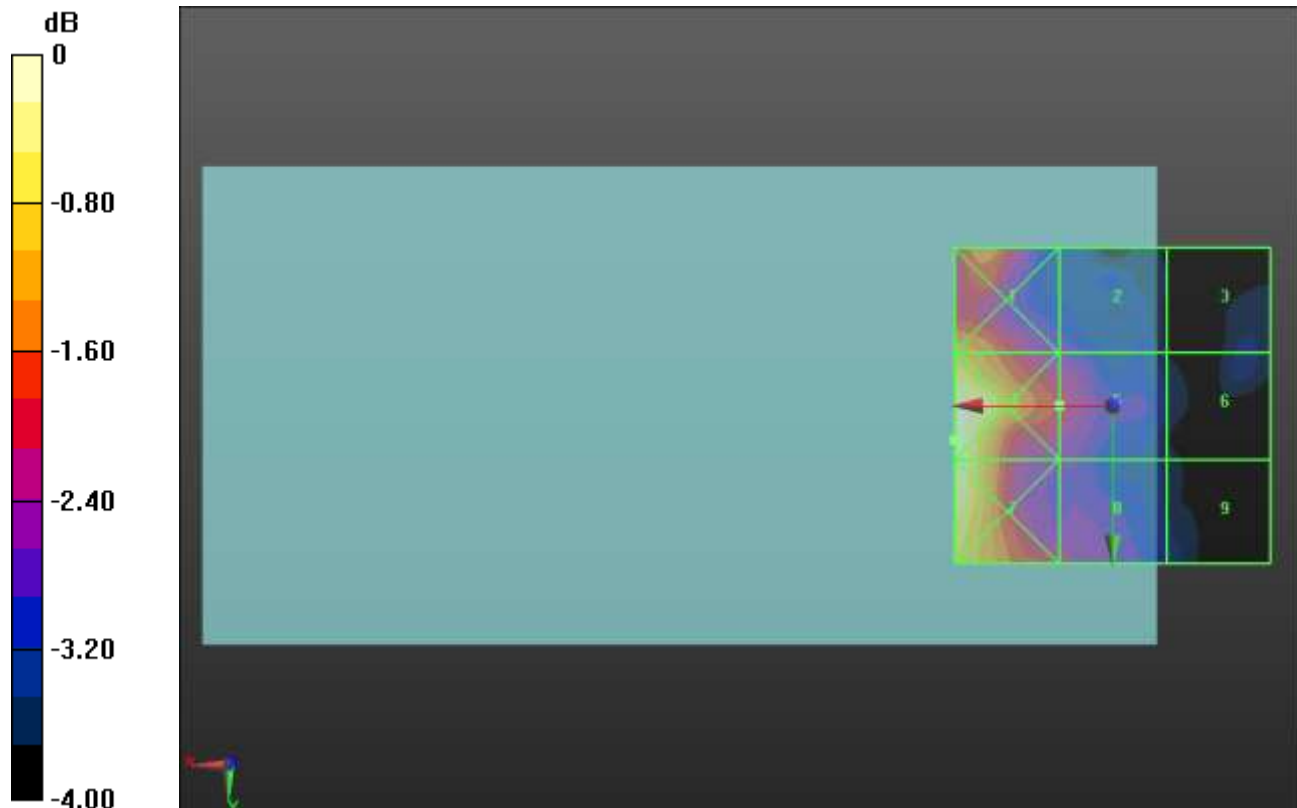
Applied MIF = -3.15 dB

RF audio interference level = 18.66 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.52 dBV/m	Grid 2 M4 17.95 dBV/m	Grid 3 M4 17.19 dBV/m
Grid 4 M4 20.61 dBV/m	Grid 5 M4 18.66 dBV/m	Grid 6 M4 17.26 dBV/m
Grid 7 M4 20.54 dBV/m	Grid 8 M4 18.57 dBV/m	Grid 9 M4 17.41 dBV/m



0 dB = 10.72 V/m = 20.60 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 = 13.96 V/m; Power Drift = 0.46 dB

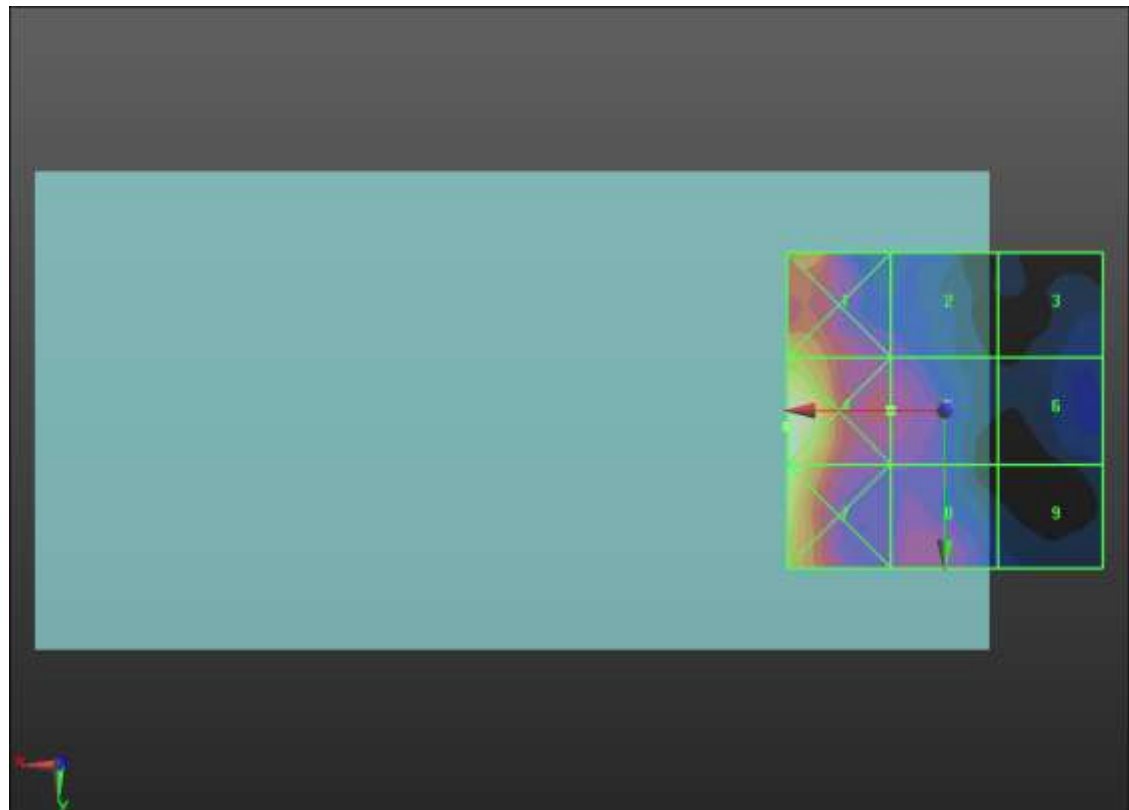
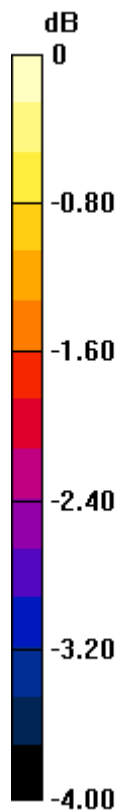
Applied MIF = -3.15 dB

RF audio interference level = 19.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.31 dBV/m	Grid 2 M4 18.63 dBV/m	Grid 3 M4 18.05 dBV/m
Grid 4 M4 21.24 dBV/m	Grid 5 M4 19.11 dBV/m	Grid 6 M4 18.16 dBV/m
Grid 7 M4 21.17 dBV/m	Grid 8 M4 19.04 dBV/m	Grid 9 M4 18.06 dBV/m



0 dB = 11.53 V/m = 21.24 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 = 14.25 V/m; Power Drift = -0.02 dB

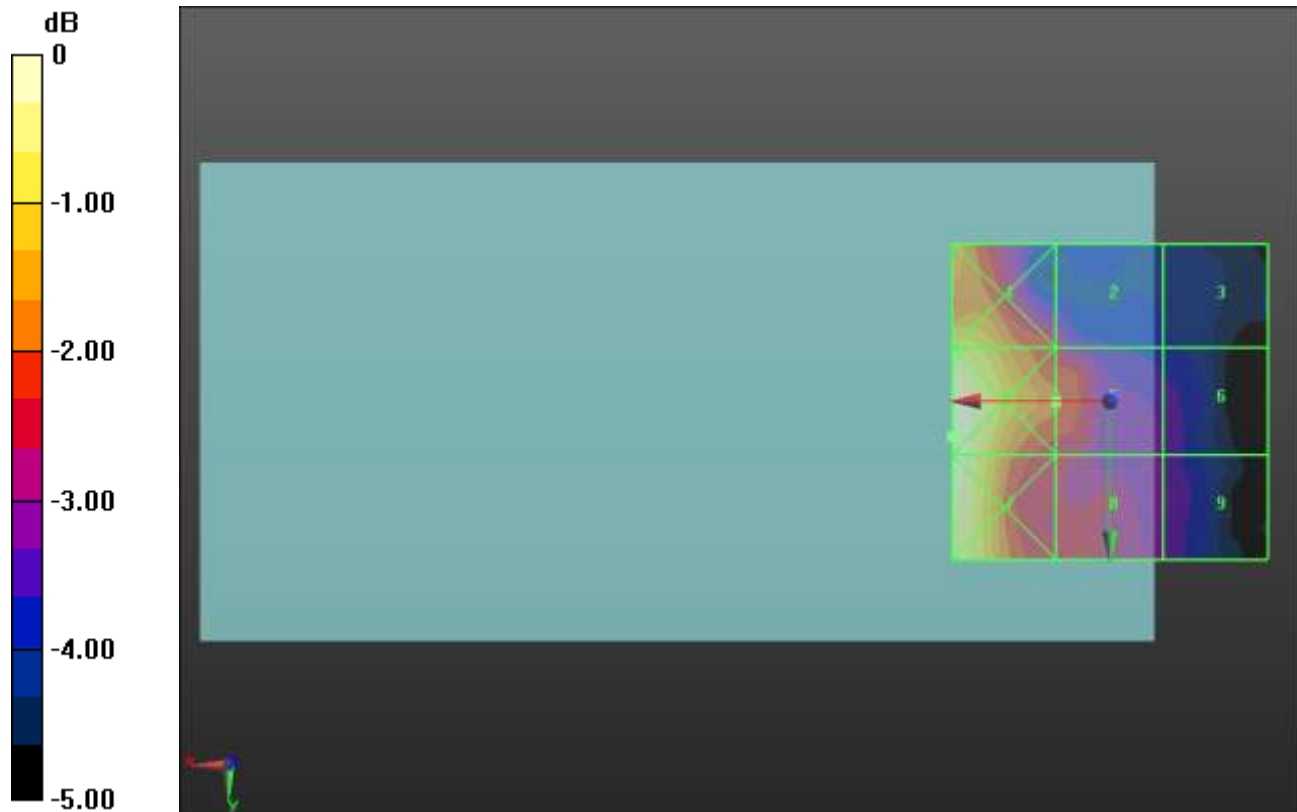
Applied MIF = -3.15 dB

RF audio interference level = 19.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.26 dBV/m	Grid 2 M4 18.47 dBV/m	Grid 3 M4 17.15 dBV/m
Grid 4 M4 21.02 dBV/m	Grid 5 M4 19.1 dBV/m	Grid 6 M4 17.68 dBV/m
Grid 7 M4 20.92 dBV/m	Grid 8 M4 18.72 dBV/m	Grid 9 M4 17.78 dBV/m



0 dB = 11.25 V/m = 21.02 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 = 14.98 V/m; Power Drift = 0.49 dB

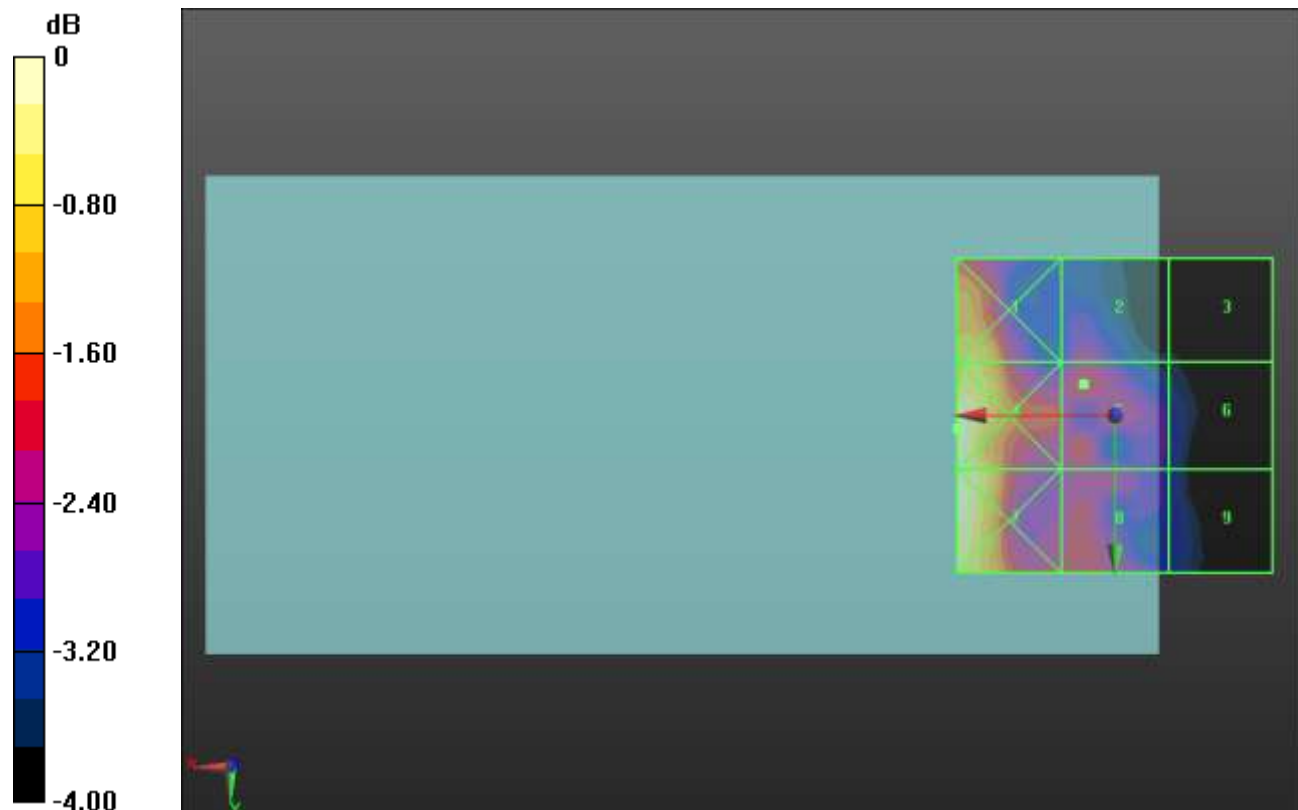
Applied MIF = -3.15 dB

RF audio interference level = 19.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.33 dBV/m	Grid 2 M4 18.82 dBV/m	Grid 3 M4 17.43 dBV/m
Grid 4 M4 21.07 dBV/m	Grid 5 M4 19.24 dBV/m	Grid 6 M4 18.12 dBV/m
Grid 7 M4 20.93 dBV/m	Grid 8 M4 19.16 dBV/m	Grid 9 M4 18.11 dBV/m



0 dB = 11.31 V/m = 21.07 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 = 15.10 V/m; Power Drift = 0.09 dB

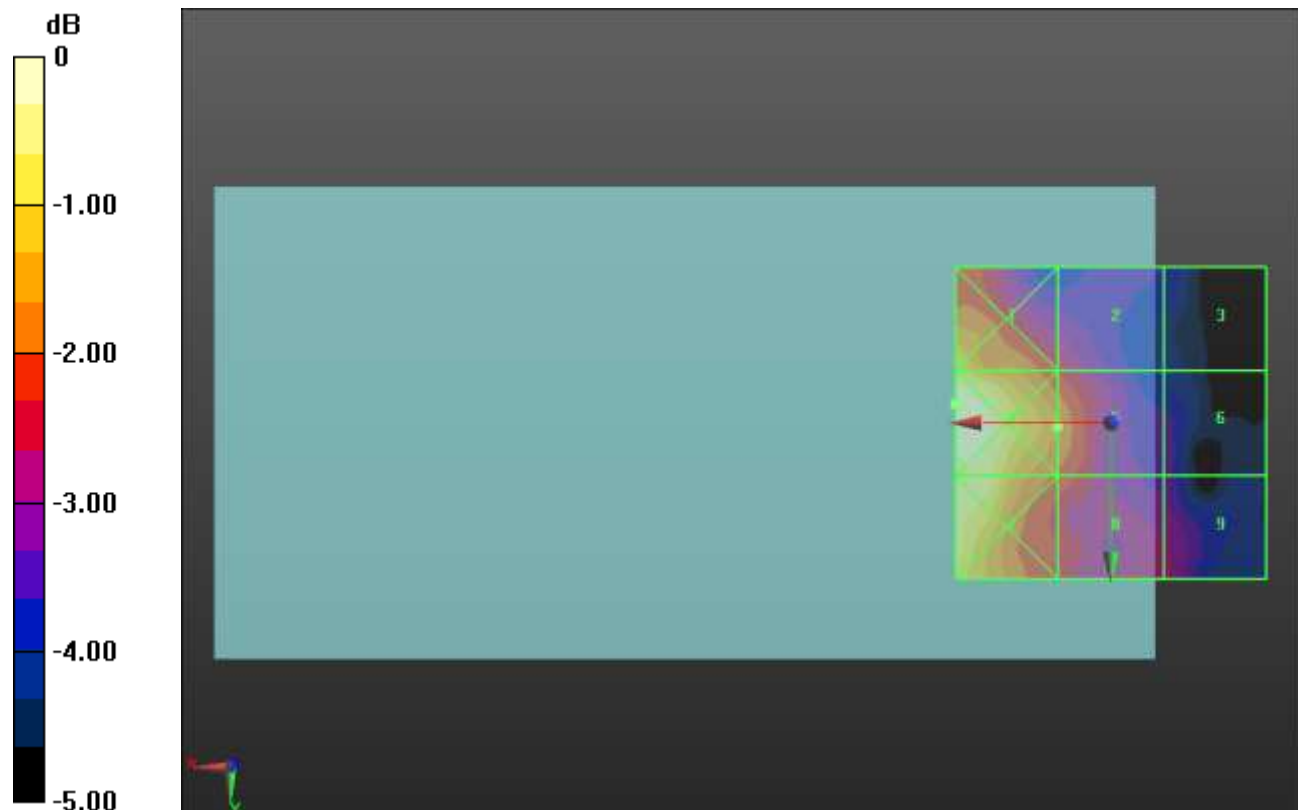
Applied MIF = -3.15 dB

RF audio interference level = 19.95 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.96 dBV/m	Grid 2 M4 19.25 dBV/m	Grid 3 M4 17.97 dBV/m
Grid 4 M4 21.61 dBV/m	Grid 5 M4 19.95 dBV/m	Grid 6 M4 18.19 dBV/m
Grid 7 M4 21.22 dBV/m	Grid 8 M4 19.52 dBV/m	Grid 9 M4 18.79 dBV/m



0 dB = 12.04 V/m = 21.61 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 = 20.75 V/m; Power Drift = 0.93 dB

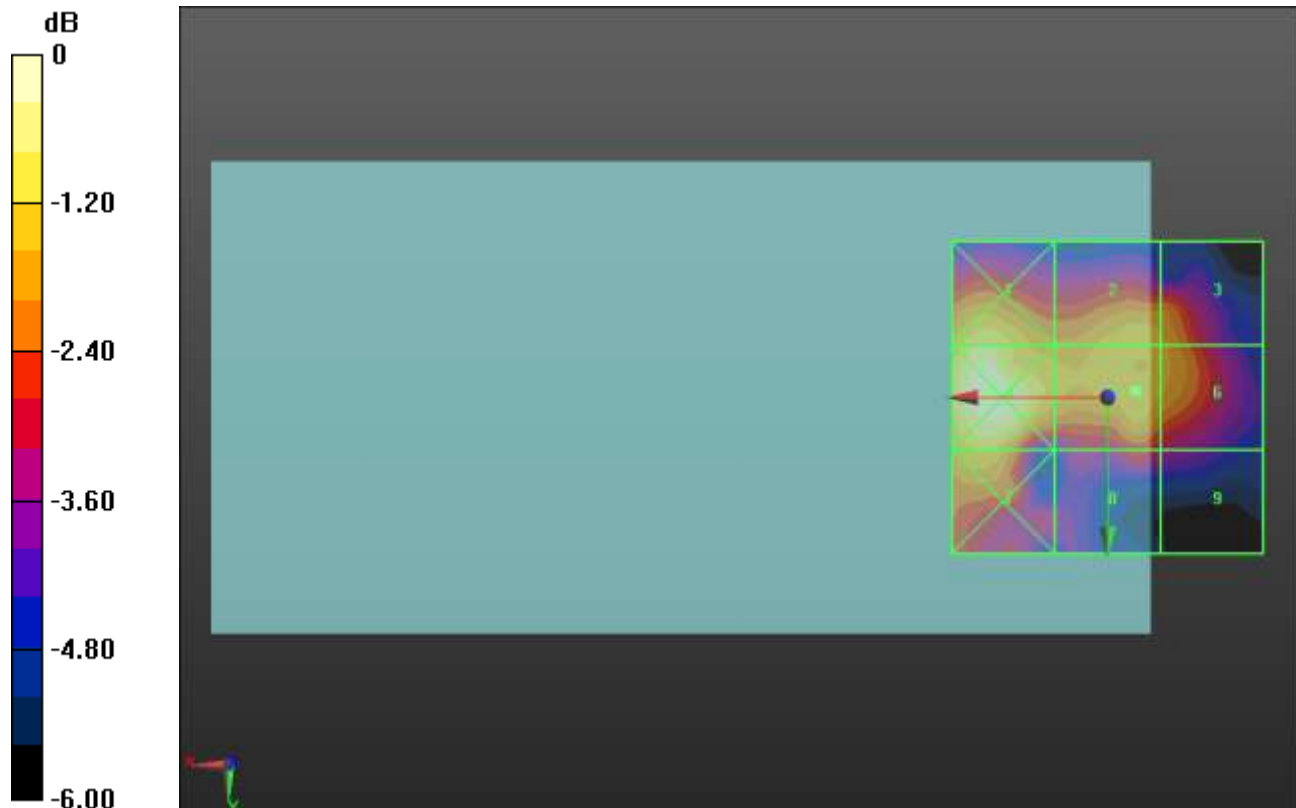
Applied MIF = -3.15 dB

RF audio interference level = 21.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.07 dBV/m	Grid 2 M4 21.56 dBV/m	Grid 3 M4 21.37 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 21.56 dBV/m	Grid 6 M4 21.41 dBV/m
Grid 7 M4 21.72 dBV/m	Grid 8 M4 20.27 dBV/m	Grid 9 M4 19.54 dBV/m



0 dB = 13.88 V/m = 22.85 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 = 22.95 V/m; Power Drift = 0.36 dB

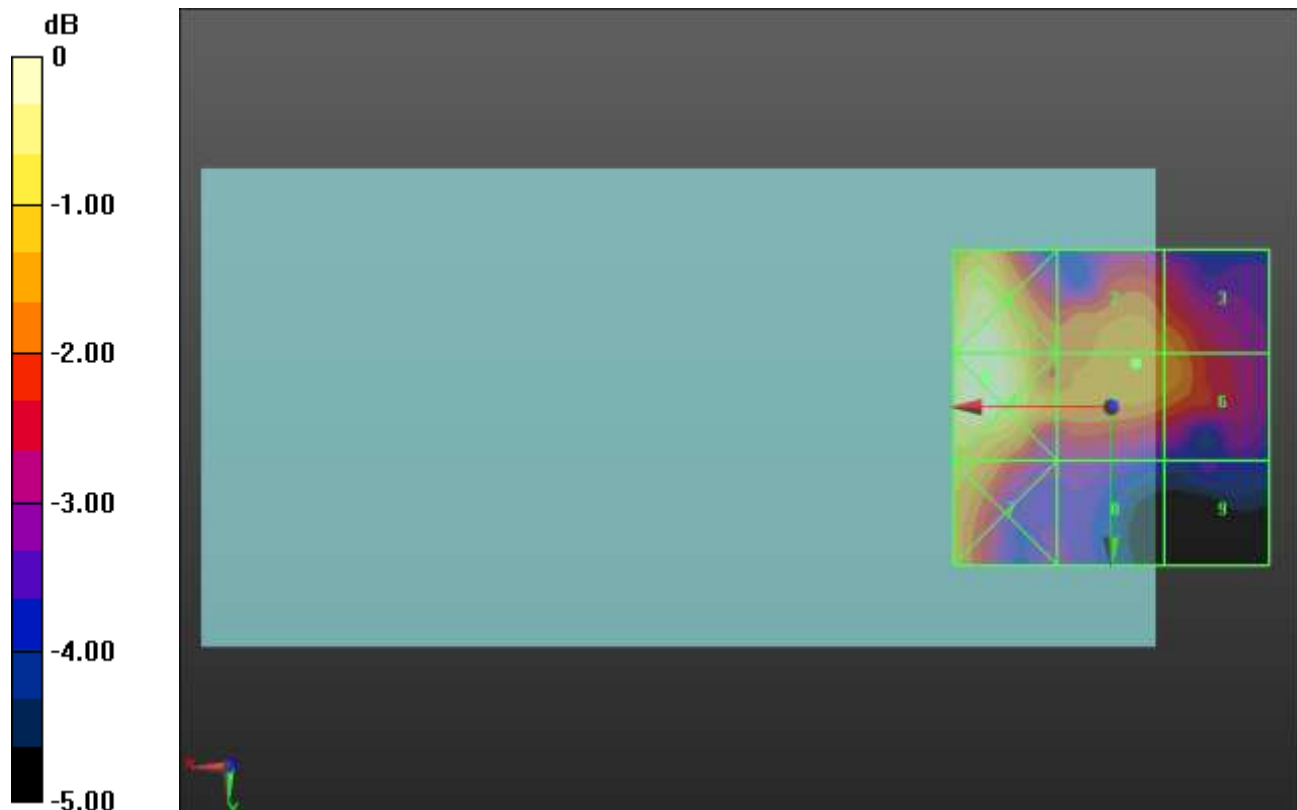
Applied MIF = -3.15 dB

RF audio interference level = 22.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.03 dBV/m	Grid 2 M4 22.72 dBV/m	Grid 3 M4 22.59 dBV/m
Grid 4 M4 24.1 dBV/m	Grid 5 M4 22.73 dBV/m	Grid 6 M4 22.7 dBV/m
Grid 7 M4 22.98 dBV/m	Grid 8 M4 21.17 dBV/m	Grid 9 M4 20.58 dBV/m



0 dB = 16.03 V/m = 24.10 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 = 22.58 V/m; Power Drift = -0.07 dB

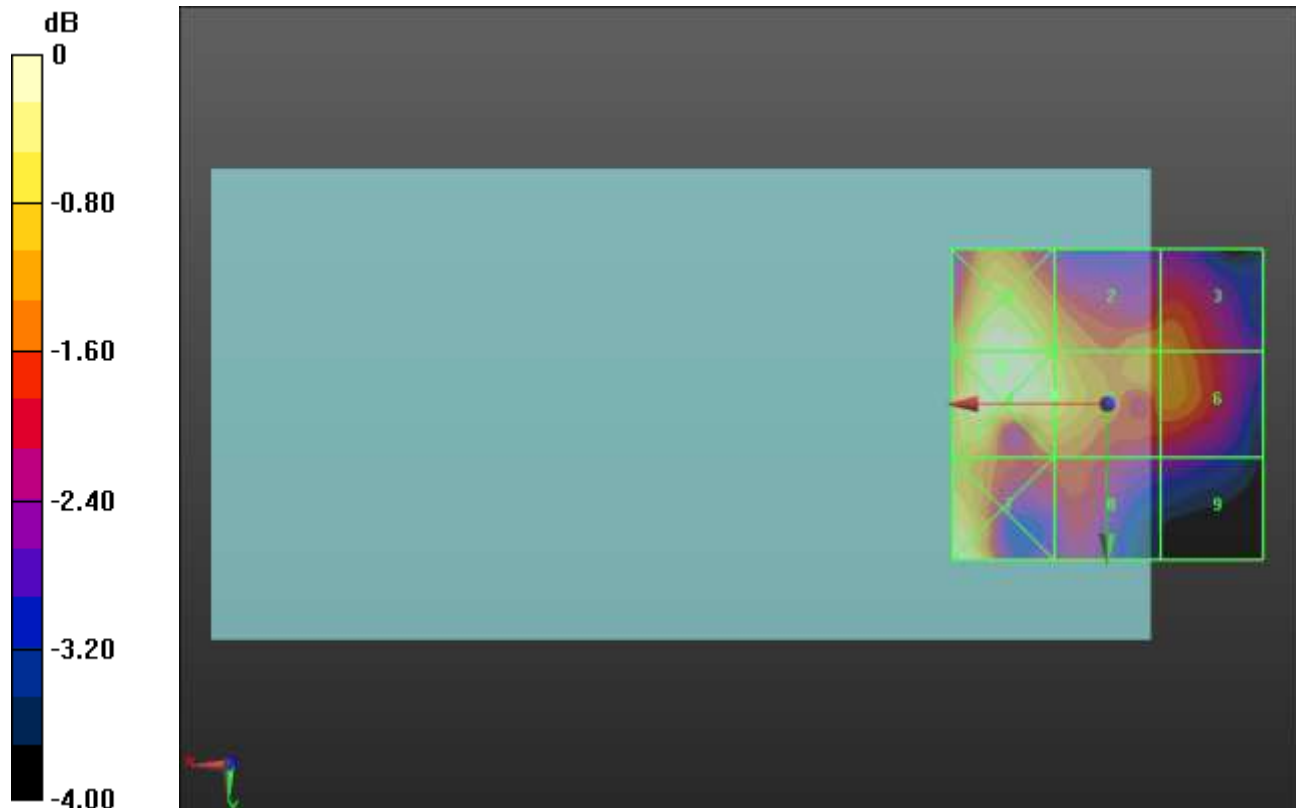
Applied MIF = -3.15 dB

RF audio interference level = 22.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.99 dBV/m	Grid 2 M4 22.24 dBV/m	Grid 3 M4 21.82 dBV/m
Grid 4 M4 23.05 dBV/m	Grid 5 M4 22.57 dBV/m	Grid 6 M4 21.9 dBV/m
Grid 7 M4 22.96 dBV/m	Grid 8 M4 21.48 dBV/m	Grid 9 M4 20.67 dBV/m



0 dB = 14.20 V/m = 23.05 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 = 17.92 V/m; Power Drift = 0.47 dB

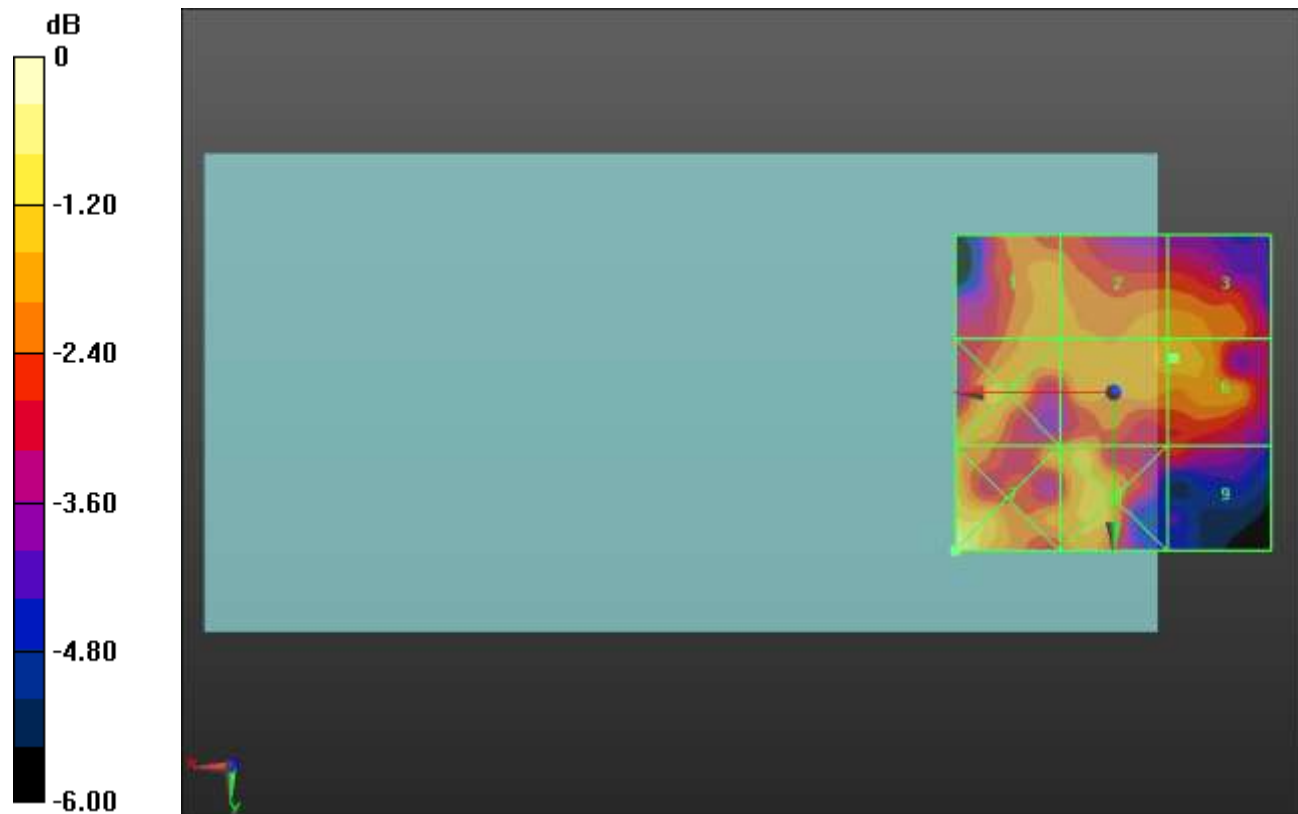
Applied MIF = -3.15 dB

RF audio interference level = 20.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.19 dBV/m	Grid 2 M4 20.39 dBV/m	Grid 3 M4 20.39 dBV/m
Grid 4 M4 20.47 dBV/m	Grid 5 M4 20.52 dBV/m	Grid 6 M4 20.55 dBV/m
Grid 7 M4 21.97 dBV/m	Grid 8 M4 20.61 dBV/m	Grid 9 M4 19.34 dBV/m



0 dB = 12.54 V/m = 21.97 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 = 20.30 V/m; Power Drift = -1.18 dB

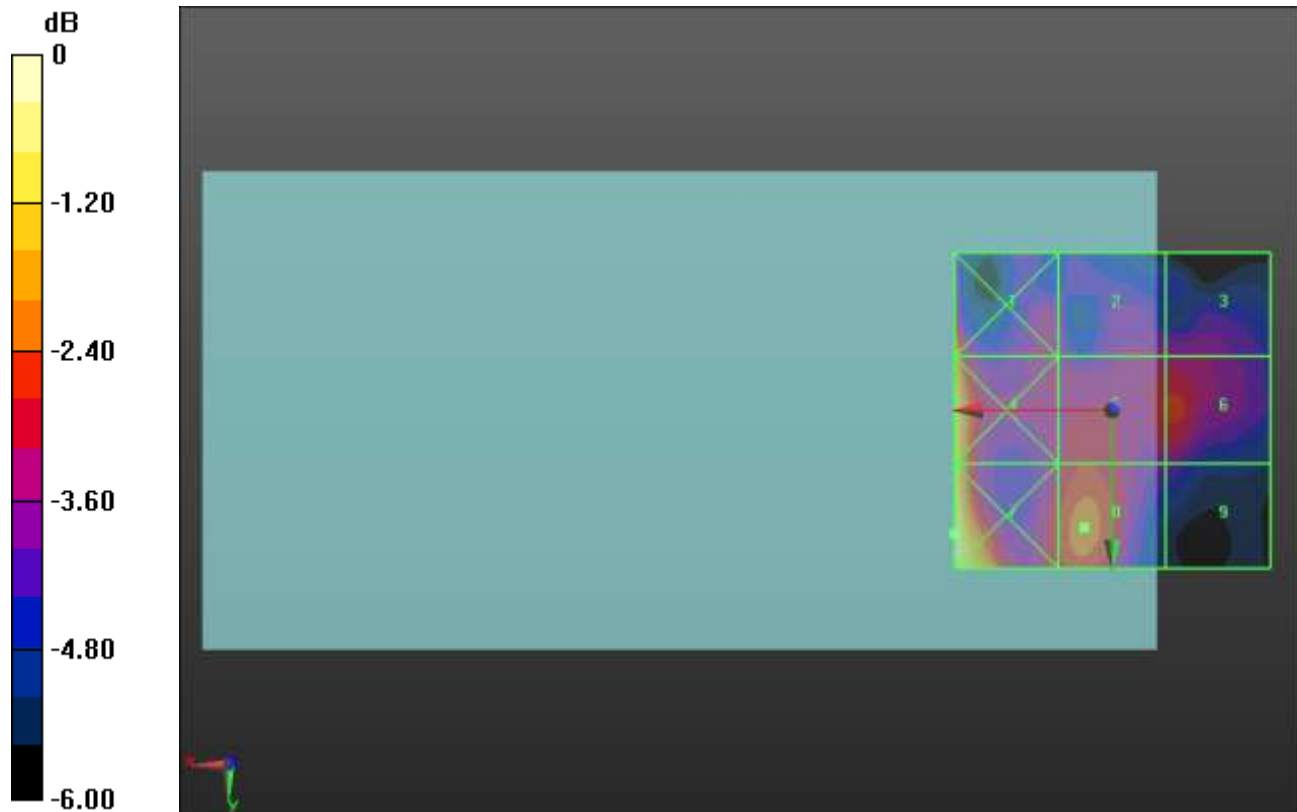
Applied MIF = -3.15 dB

RF audio interference level = 19.90 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.73 dBV/m	Grid 2 M4 18.63 dBV/m	Grid 3 M4 18.56 dBV/m
Grid 4 M4 21.64 dBV/m	Grid 5 M4 19.44 dBV/m	Grid 6 M4 19.54 dBV/m
Grid 7 M4 22.07 dBV/m	Grid 8 M4 19.9 dBV/m	Grid 9 M4 18.17 dBV/m



0 dB = 12.70 V/m = 22.08 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 = 19.80 V/m; Power Drift = -1.64 dB

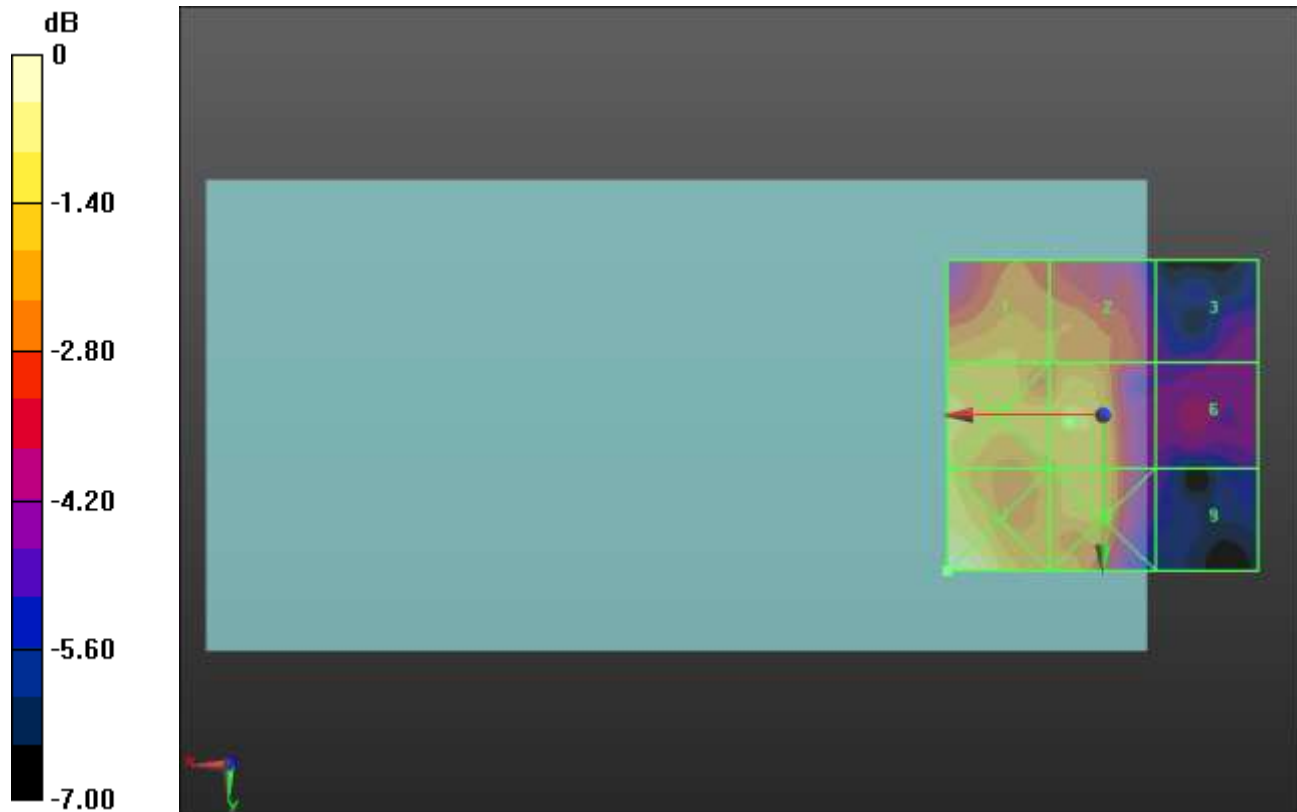
Applied MIF = -3.15 dB

RF audio interference level = 21.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.8 dBV/m	Grid 2 M4 20.32 dBV/m	Grid 3 M4 18.15 dBV/m
Grid 4 M4 21.39 dBV/m	Grid 5 M4 21.24 dBV/m	Grid 6 M4 18.63 dBV/m
Grid 7 M4 22.53 dBV/m	Grid 8 M4 21.07 dBV/m	Grid 9 M4 17.83 dBV/m



0 dB = 13.38 V/m = 22.53 dBV/m