

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 62.48 V/m; Power Drift = -0.12 dB

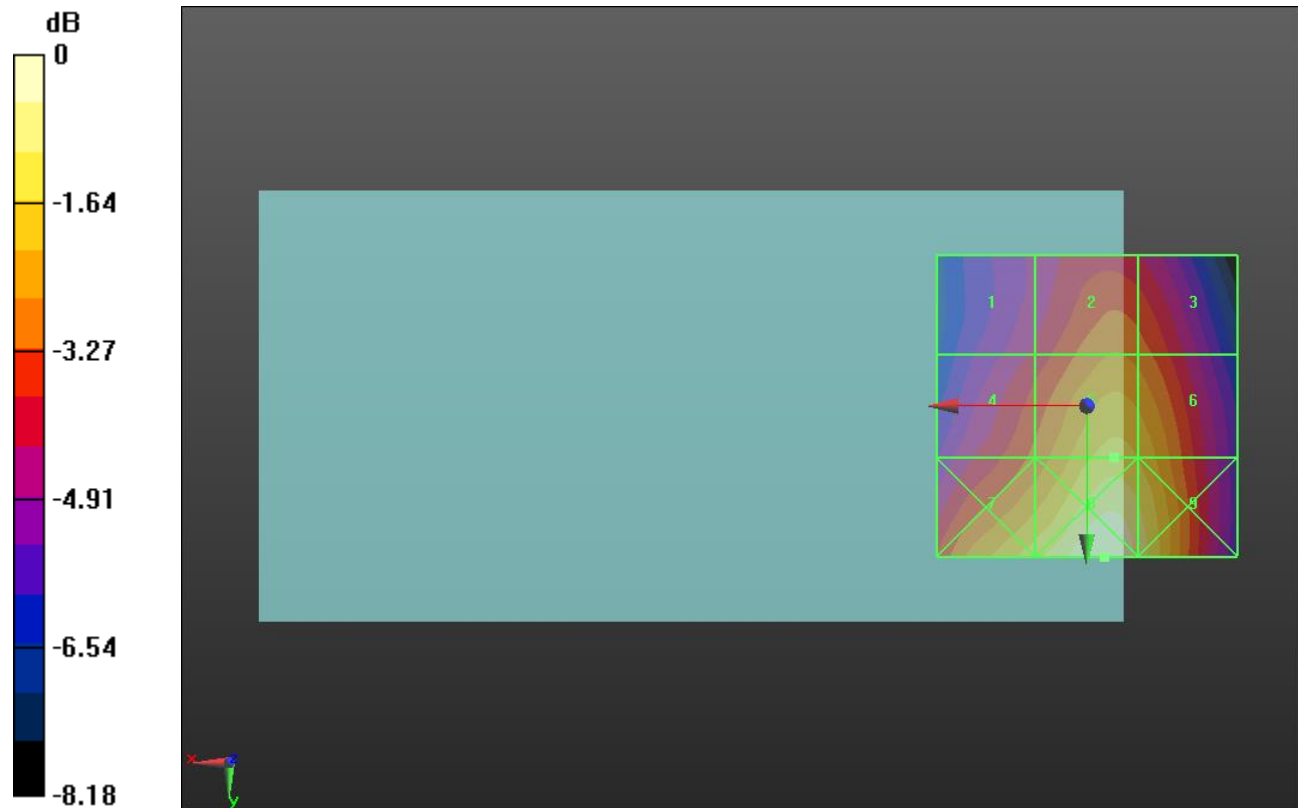
Applied MIF = 3.63 dB

RF audio interference level = 37.40 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.59 dBV/m	Grid 2 M4 36.08 dBV/m	Grid 3 M4 35.84 dBV/m
Grid 4 M4 35.7 dBV/m	Grid 5 M4 37.4 dBV/m	Grid 6 M4 37.11 dBV/m
Grid 7 M4 37.53 dBV/m	Grid 8 M4 38.76 dBV/m	Grid 9 M4 38.07 dBV/m



0 dB = 86.73 V/m = 38.76 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 62.73 V/m; Power Drift = 0.01 dB

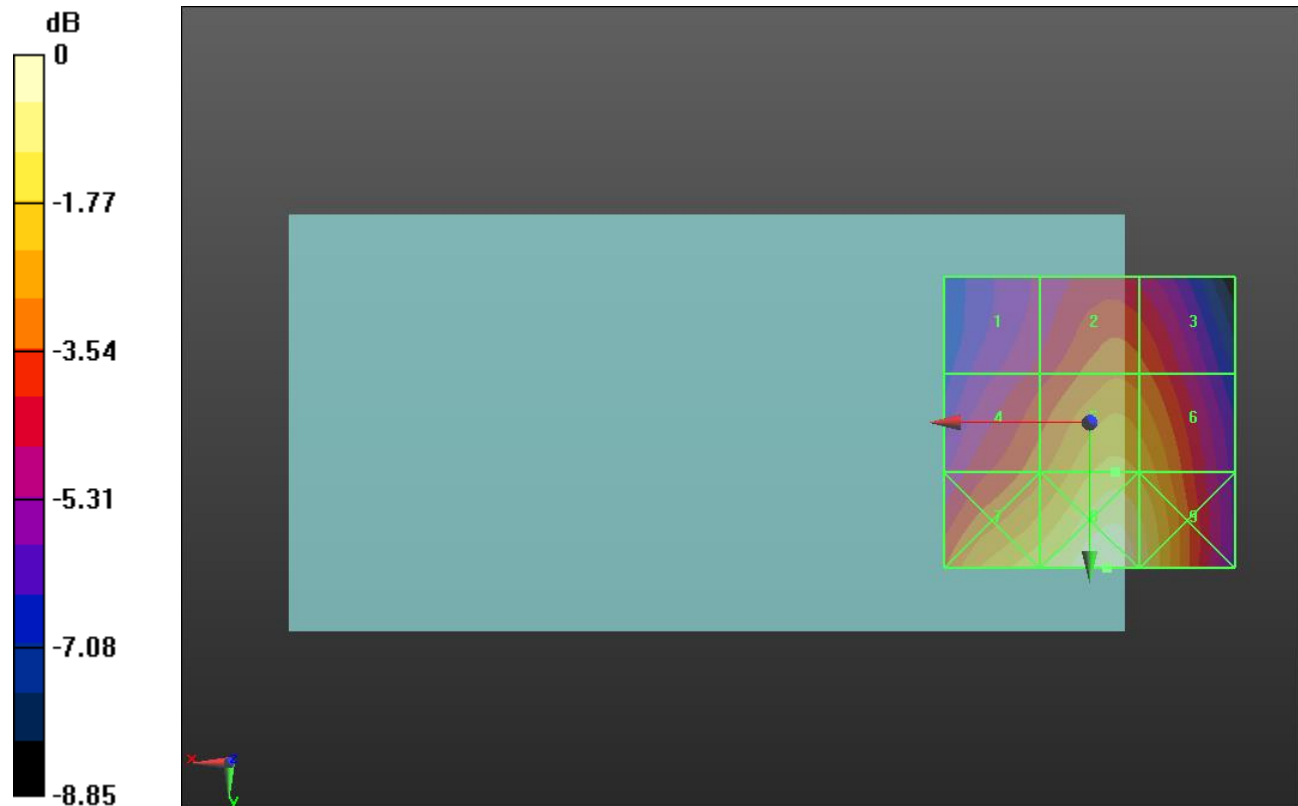
Applied MIF = 3.63 dB

RF audio interference level = 37.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.69 dBV/m	Grid 2 M4 36.11 dBV/m	Grid 3 M4 35.87 dBV/m
Grid 4 M4 36.02 dBV/m	Grid 5 M4 37.65 dBV/m	Grid 6 M4 37.3 dBV/m
Grid 7 M4 37.96 dBV/m	Grid 8 M4 39.12 dBV/m	Grid 9 M4 38.38 dBV/m



0 dB = 90.35 V/m = 39.12 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 58.86 V/m; Power Drift = -0.03 dB

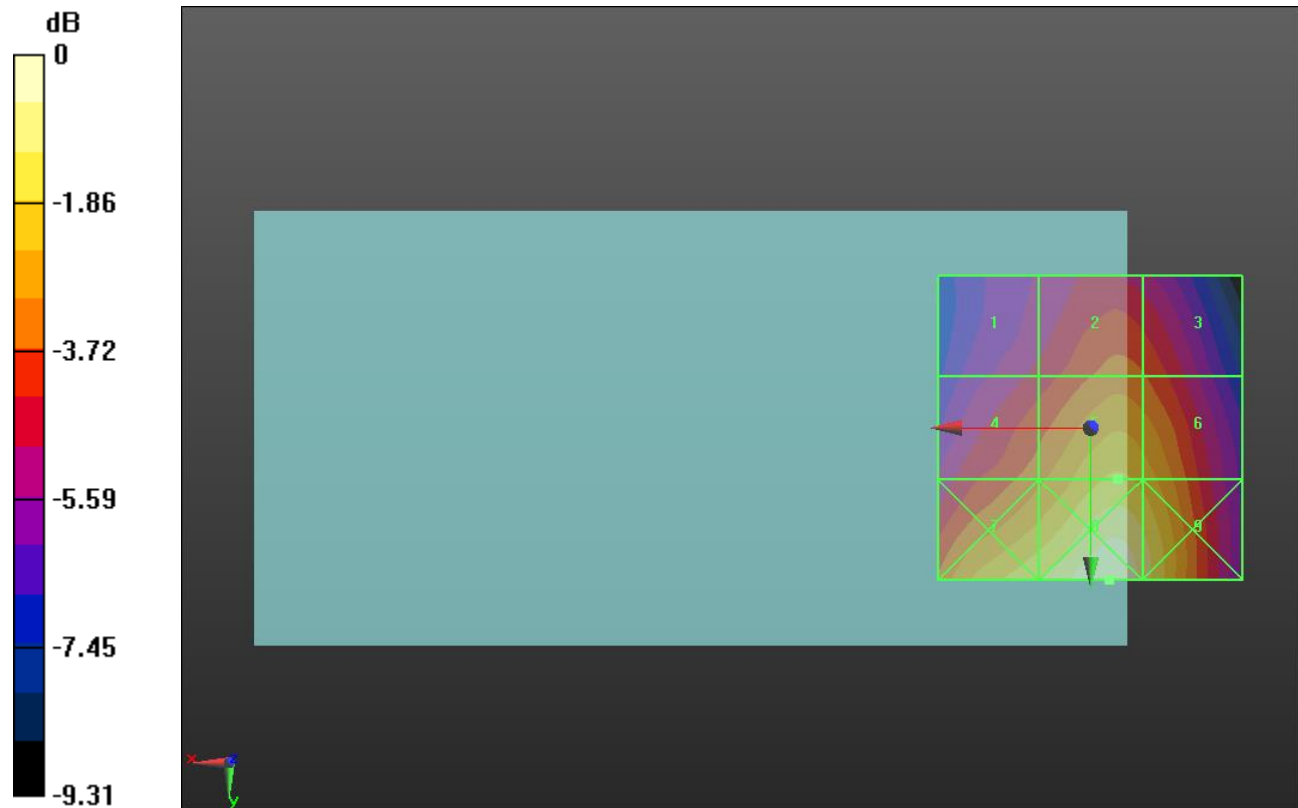
Applied MIF = 3.63 dB

RF audio interference level = 37.18 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.21 dBV/m	Grid 2 M4 35.52 dBV/m	Grid 3 M4 35.26 dBV/m
Grid 4 M4 35.67 dBV/m	Grid 5 M4 37.18 dBV/m	Grid 6 M4 36.86 dBV/m
Grid 7 M4 37.71 dBV/m	Grid 8 M4 38.9 dBV/m	Grid 9 M4 38.06 dBV/m



0 dB = 88.08 V/m = 38.90 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.35 V/m; Power Drift = -0.01 dB

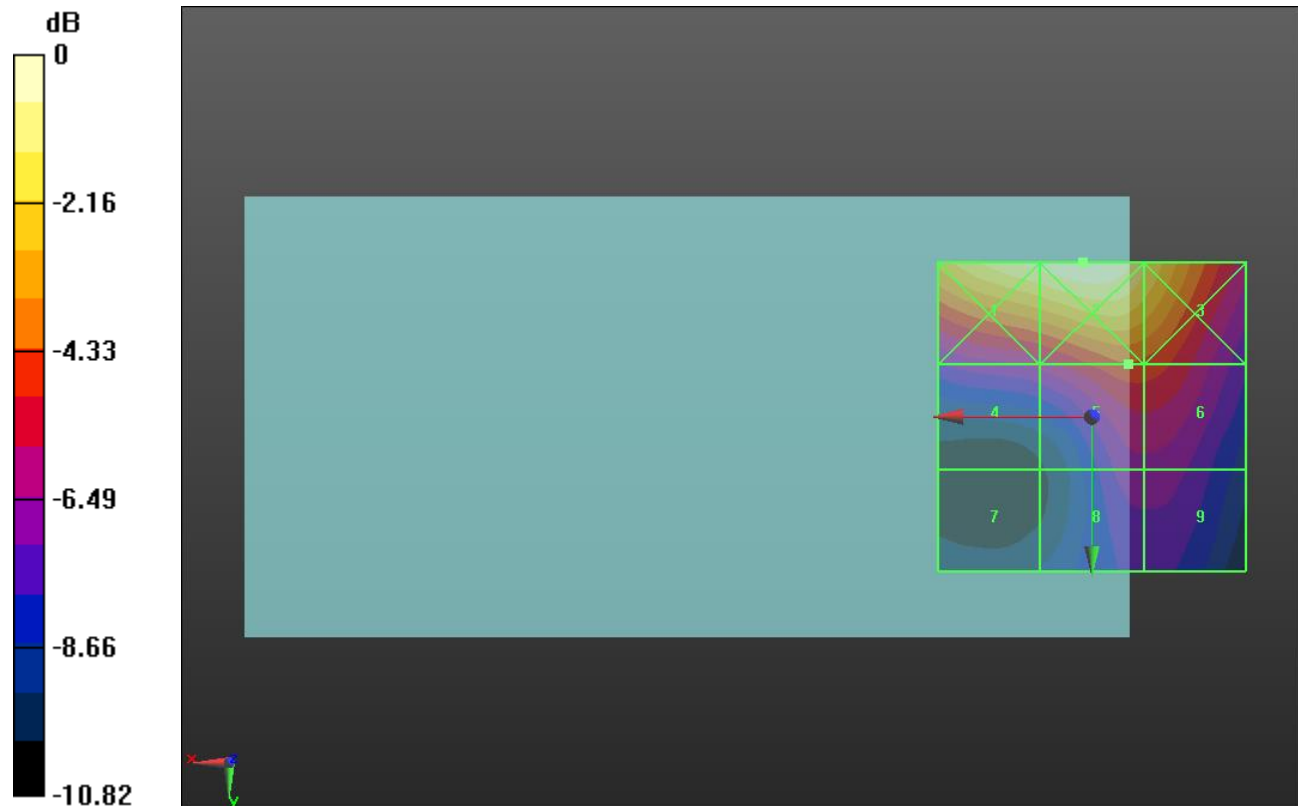
Applied MIF = 3.63 dB

RF audio interference level = 28.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.03 dBV/m	Grid 2 M3 33.38 dBV/m	Grid 3 M3 32.08 dBV/m
Grid 4 M4 27.19 dBV/m	Grid 5 M4 28.98 dBV/m	Grid 6 M4 28.86 dBV/m
Grid 7 M4 24.09 dBV/m	Grid 8 M4 26.67 dBV/m	Grid 9 M4 26.66 dBV/m



0 dB = 46.67 V/m = 33.38 dBV/m

HAC-RF Emission UAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 20.92 V/m; Power Drift = 0.01 dB

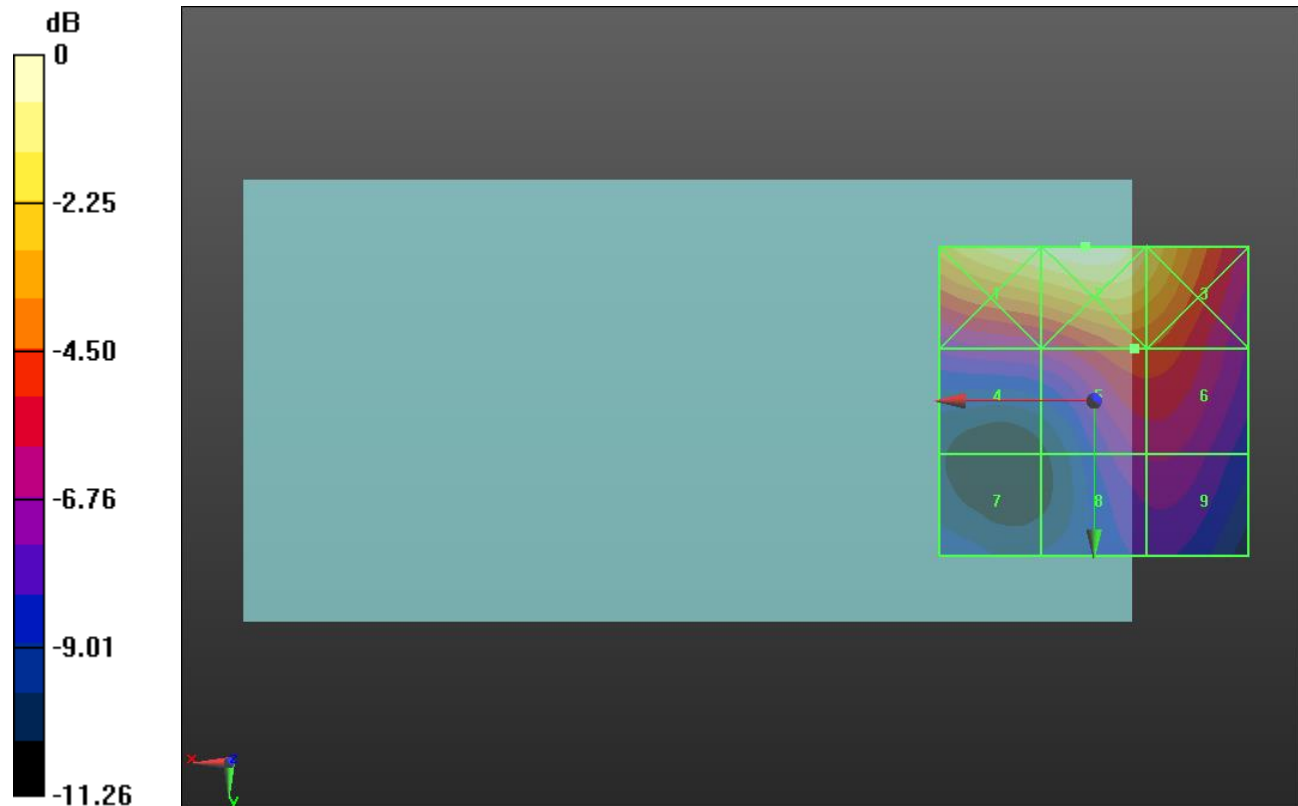
Applied MIF = 3.63 dB

RF audio interference level = 29.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.62 dBV/m	Grid 2 M3 33.98 dBV/m	Grid 3 M3 32.54 dBV/m
Grid 4 M4 27.57 dBV/m	Grid 5 M4 29.55 dBV/m	Grid 6 M4 29.5 dBV/m
Grid 7 M4 24.8 dBV/m	Grid 8 M4 27.35 dBV/m	Grid 9 M4 27.4 dBV/m



0 dB = 50.02 V/m = 33.98 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 21.95 V/m; Power Drift = -0.15 dB

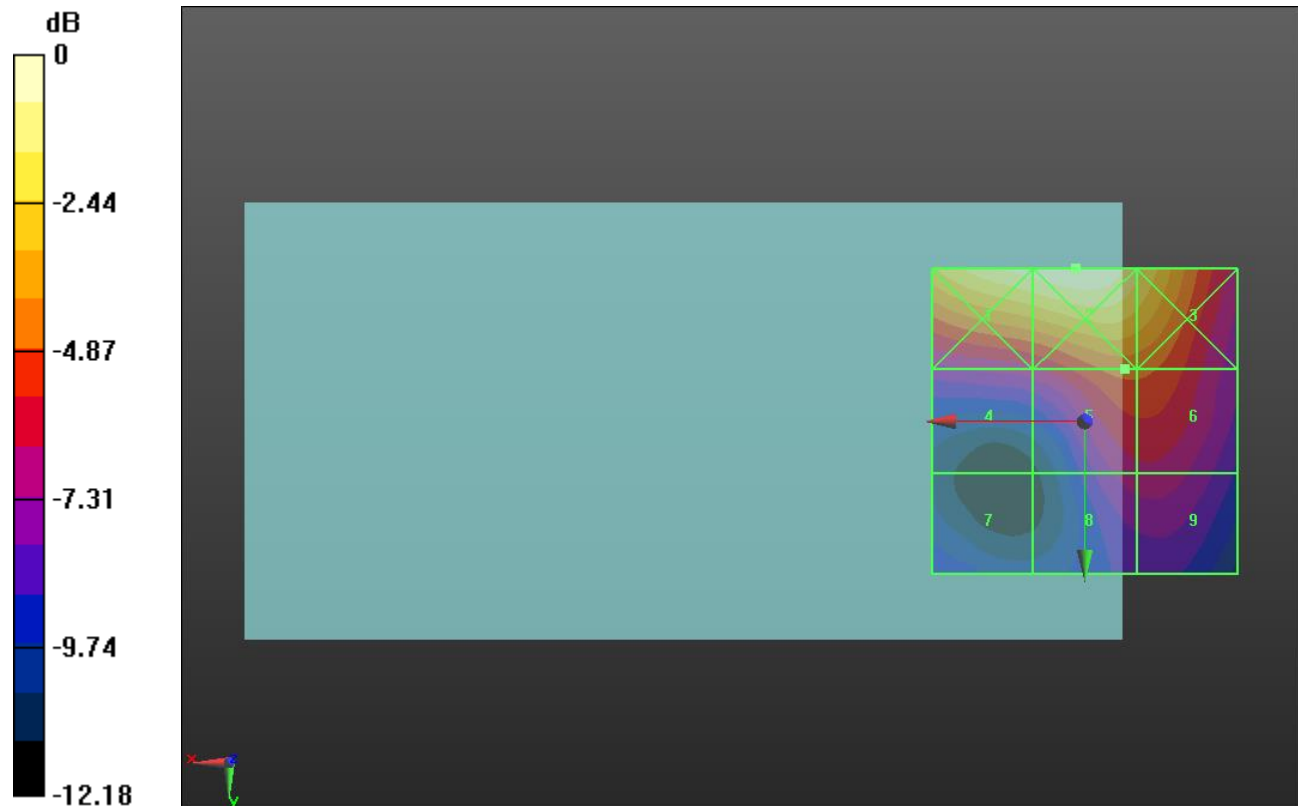
Applied MIF = 3.63 dB

RF audio interference level = 29.71 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M3 33.94 dBV/m	Grid 2 M3 34.24 dBV/m	Grid 3 M3 32.85 dBV/m
Grid 4 M4 27.57 dBV/m	Grid 5 M4 29.71 dBV/m	Grid 6 M4 29.66 dBV/m
Grid 7 M4 25.24 dBV/m	Grid 8 M4 27.45 dBV/m	Grid 9 M4 27.52 dBV/m



0 dB = 51.55 V/m = 34.24 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 15.58 V/m; Power Drift = -0.05 dB

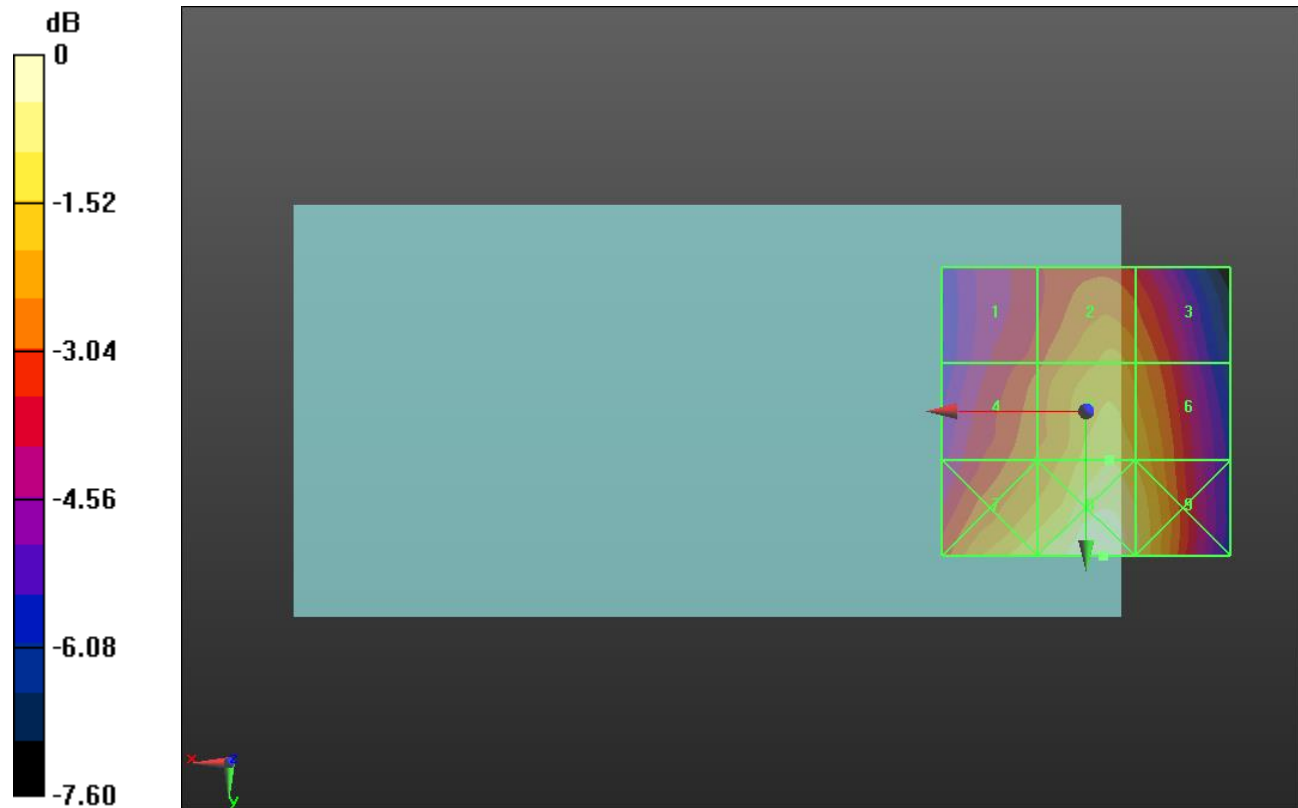
Applied MIF = 3.26 dB

RF audio interference level = 24.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.72 dBV/m	Grid 2 M4 24.07 dBV/m	Grid 3 M4 23.66 dBV/m
Grid 4 M4 23.48 dBV/m	Grid 5 M4 24.86 dBV/m	Grid 6 M4 24.42 dBV/m
Grid 7 M4 24.97 dBV/m	Grid 8 M4 25.91 dBV/m	Grid 9 M4 25.1 dBV/m



0 dB = 19.75 V/m = 25.91 dBV/m

HAC-RF Emission UAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.60 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 16.64 V/m; Power Drift = -0.06 dB

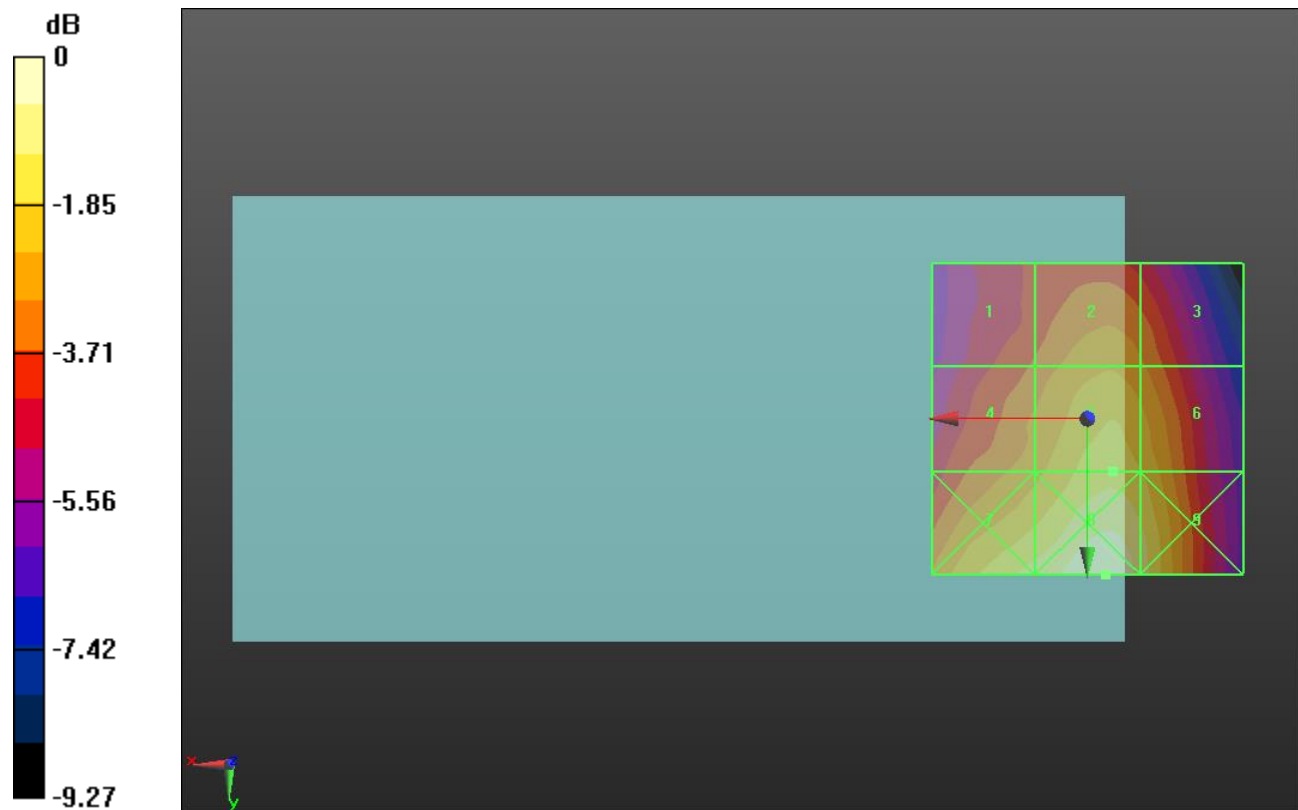
Applied MIF = 3.26 dB

RF audio interference level = 25.34 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.19 dBV/m	Grid 2 M4 24.26 dBV/m	Grid 3 M4 23.84 dBV/m
Grid 4 M4 24.14 dBV/m	Grid 5 M4 25.34 dBV/m	Grid 6 M4 24.97 dBV/m
Grid 7 M4 25.83 dBV/m	Grid 8 M4 26.78 dBV/m	Grid 9 M4 25.91 dBV/m



0 dB = 21.82 V/m = 26.78 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 17.58 V/m; Power Drift = -0.03 dB

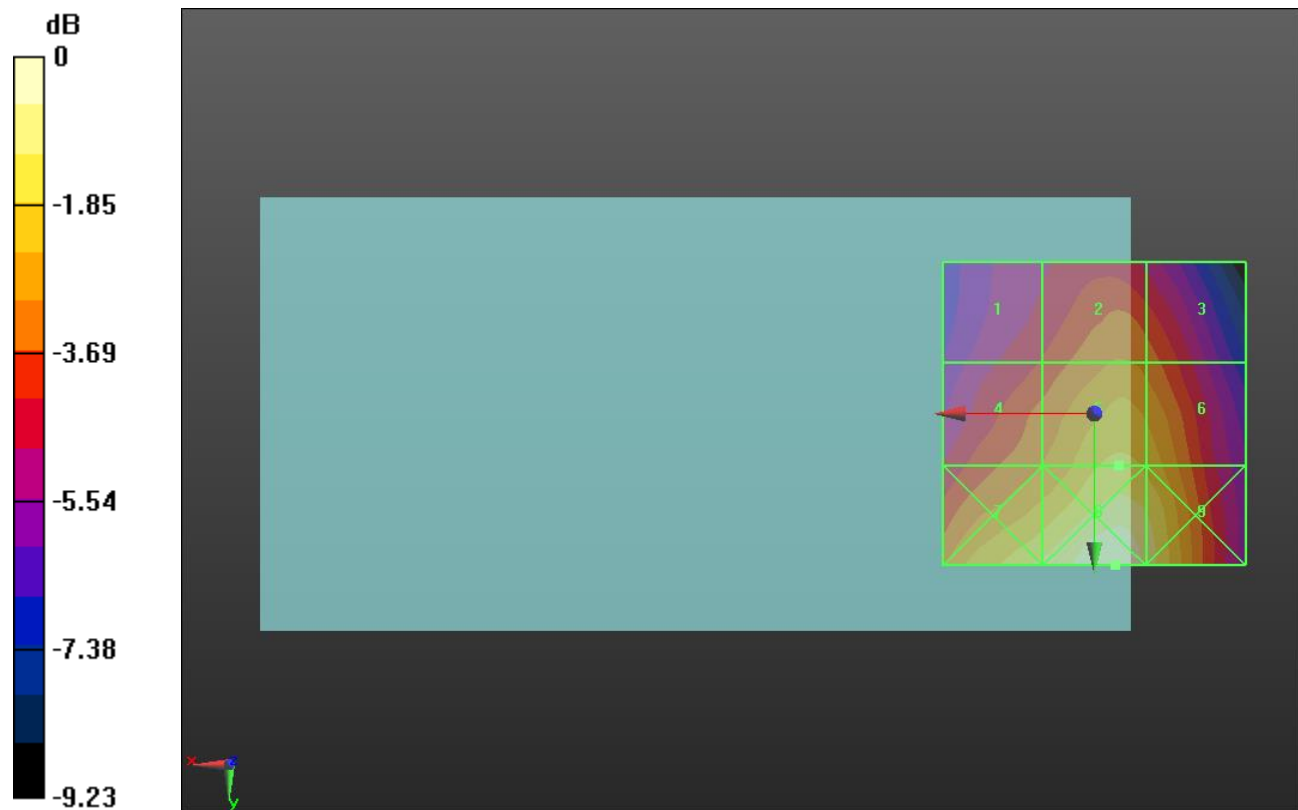
Applied MIF = 3.26 dB

RF audio interference level = 26.05 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.48 dBV/m	Grid 2 M4 24.68 dBV/m	Grid 3 M4 24.4 dBV/m
Grid 4 M4 24.67 dBV/m	Grid 5 M4 26.05 dBV/m	Grid 6 M4 25.73 dBV/m
Grid 7 M4 26.66 dBV/m	Grid 8 M4 27.7 dBV/m	Grid 9 M4 26.93 dBV/m



0 dB = 24.25 V/m = 27.69 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 10.18 V/m; Power Drift = 0.02 dB

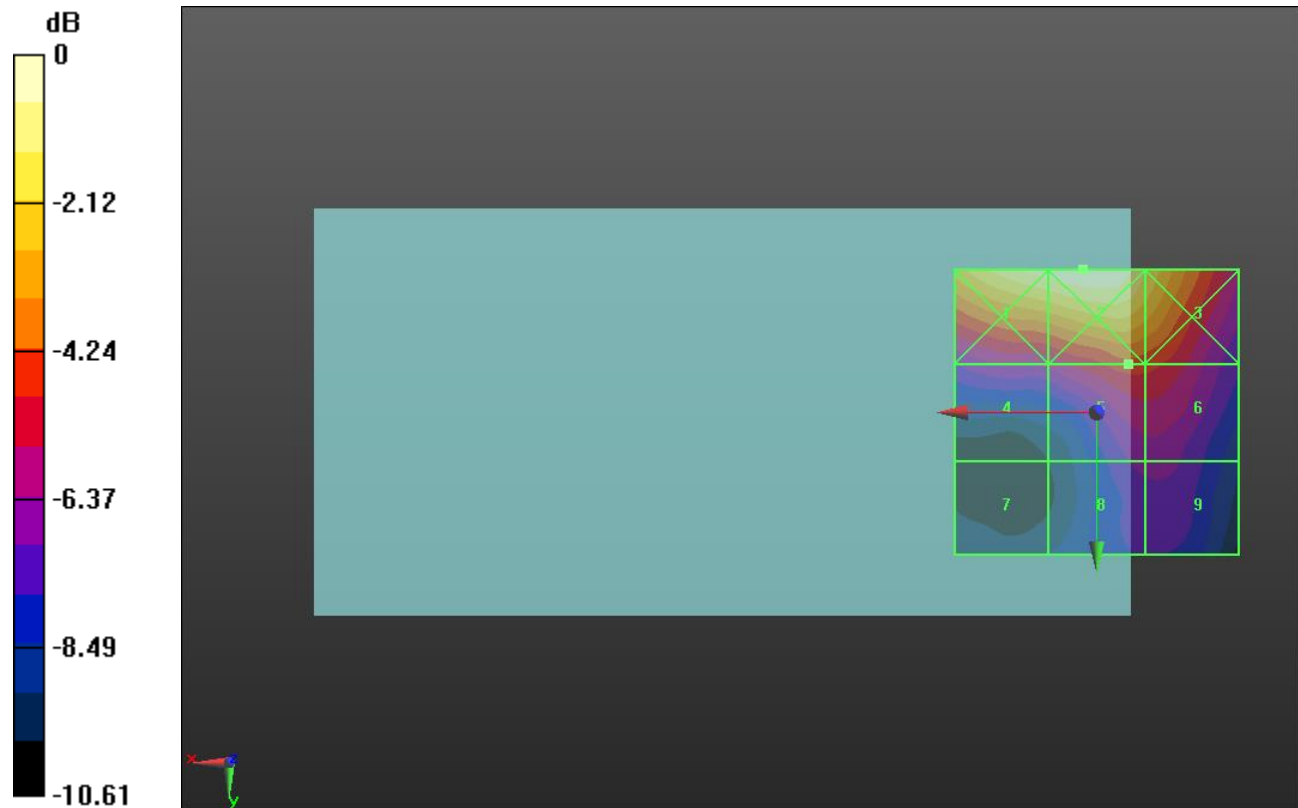
Applied MIF = 3.26 dB

RF audio interference level = 23.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.35 dBV/m	Grid 2 M4 27.65 dBV/m	Grid 3 M4 26.28 dBV/m
Grid 4 M4 21.54 dBV/m	Grid 5 M4 23.18 dBV/m	Grid 6 M4 23.03 dBV/m
Grid 7 M4 18.58 dBV/m	Grid 8 M4 20.85 dBV/m	Grid 9 M4 20.89 dBV/m



0 dB = 24.13 V/m = 27.65 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 10.81 V/m; Power Drift = -0.05 dB

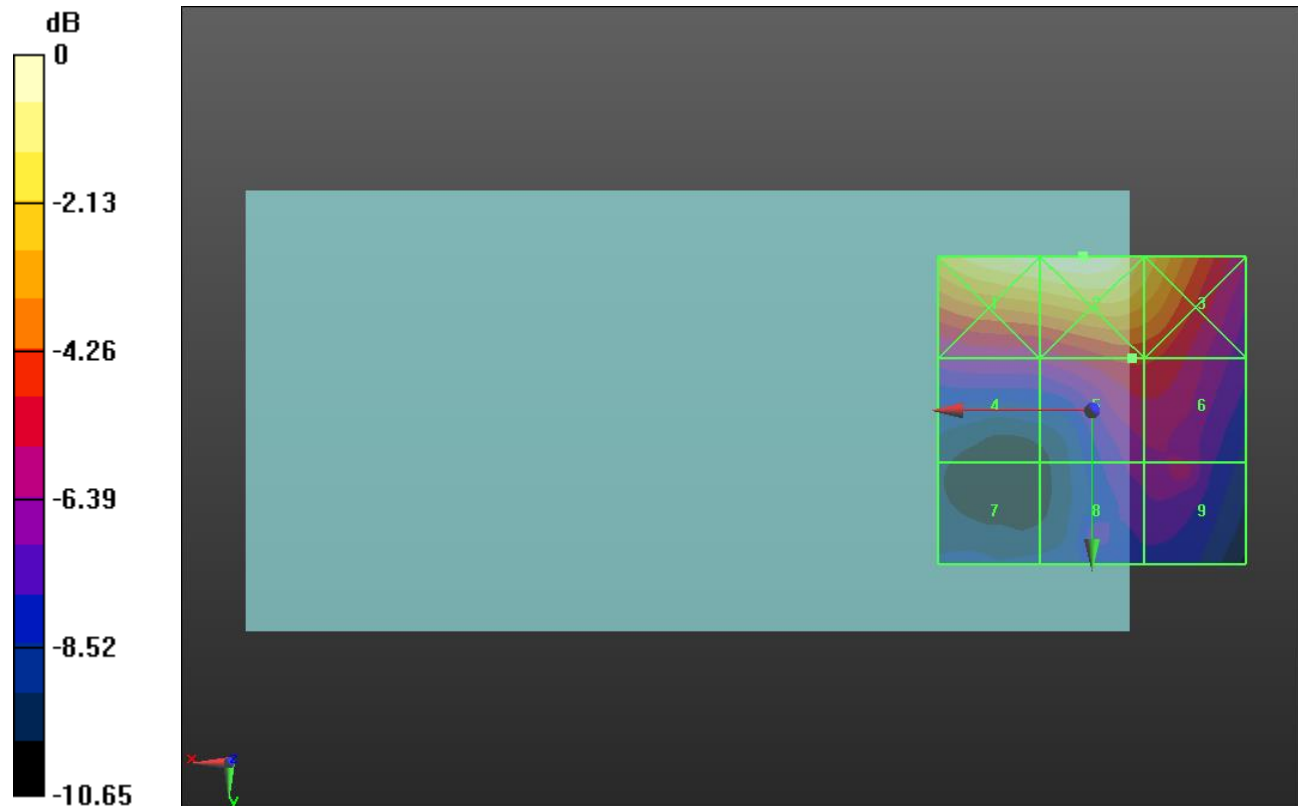
Applied MIF = 3.26 dB

RF audio interference level = 23.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.74 dBV/m	Grid 2 M4 28.04 dBV/m	Grid 3 M4 26.5 dBV/m
Grid 4 M4 21.88 dBV/m	Grid 5 M4 23.29 dBV/m	Grid 6 M4 23.25 dBV/m
Grid 7 M4 19.16 dBV/m	Grid 8 M4 21.32 dBV/m	Grid 9 M4 21.98 dBV/m



0 dB = 25.22 V/m = 28.03 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 11.28 V/m; Power Drift = 0.09 dB

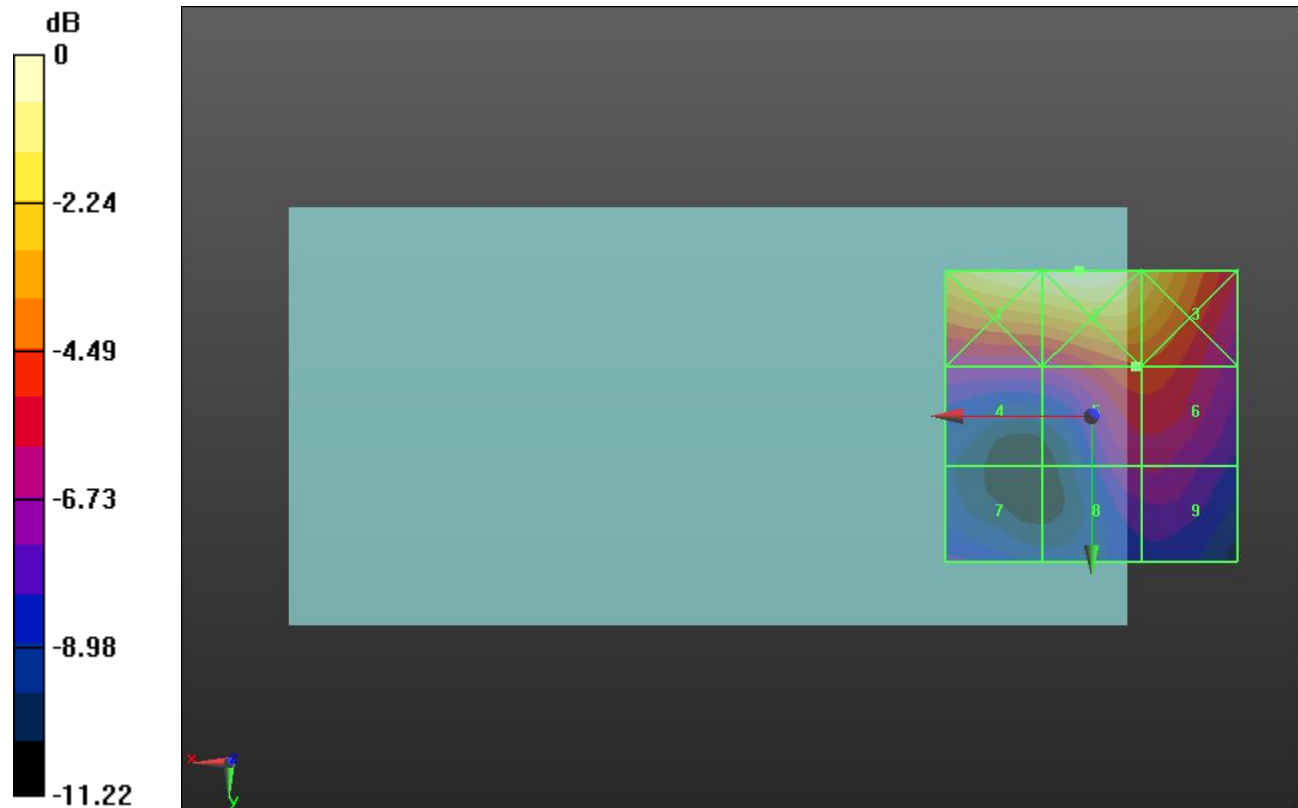
Applied MIF = 3.26 dB

RF audio interference level = 23.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.09 dBV/m	Grid 2 M4 28.32 dBV/m	Grid 3 M4 27.01 dBV/m
Grid 4 M4 21.82 dBV/m	Grid 5 M4 23.74 dBV/m	Grid 6 M4 23.72 dBV/m
Grid 7 M4 20.28 dBV/m	Grid 8 M4 21.74 dBV/m	Grid 9 M4 21.78 dBV/m



0 dB = 26.05 V/m = 28.32 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 31.45 V/m; Power Drift = 0.01 dB

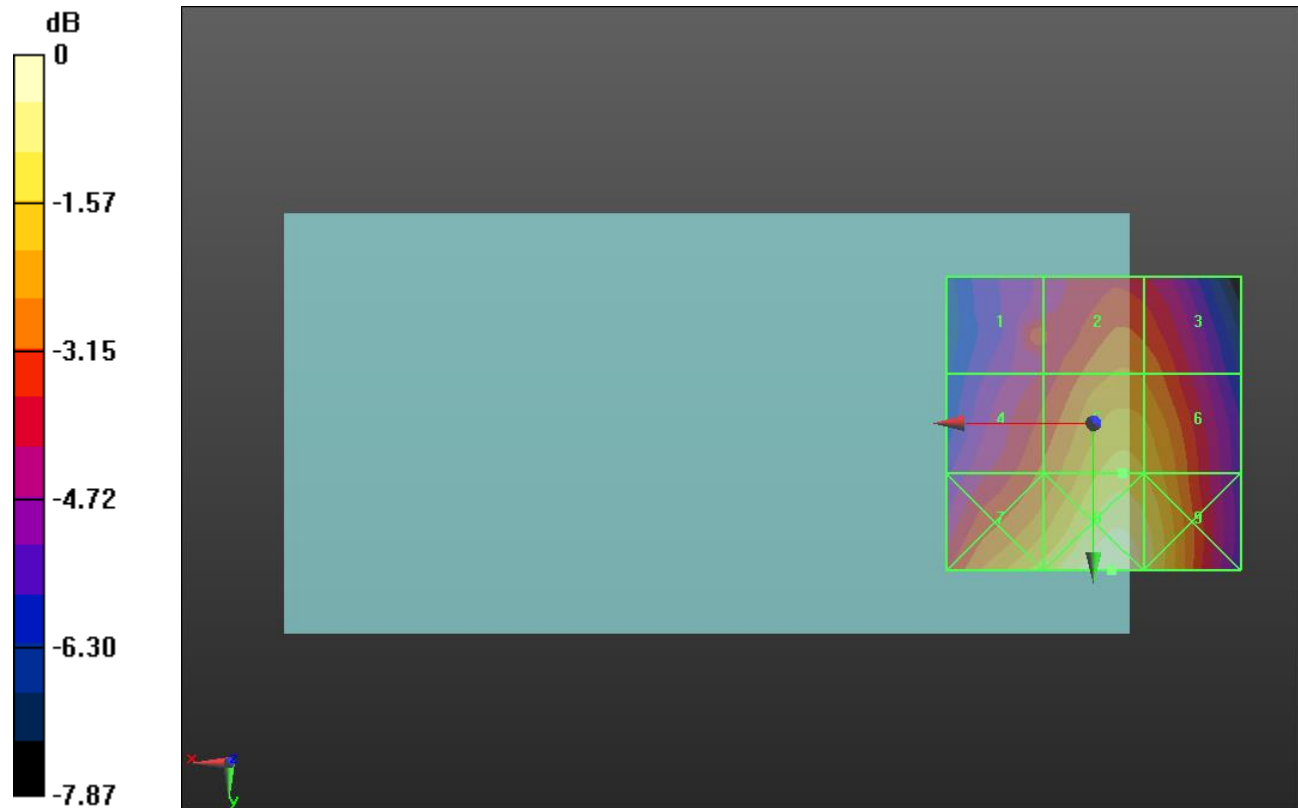
Applied MIF = 3.26 dB

RF audio interference level = 31.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.07 dBV/m	Grid 2 M4 29.95 dBV/m	Grid 3 M4 29.82 dBV/m
Grid 4 M4 29.52 dBV/m	Grid 5 M4 31.23 dBV/m	Grid 6 M4 30.98 dBV/m
Grid 7 M4 31.25 dBV/m	Grid 8 M4 32.5 dBV/m	Grid 9 M4 31.83 dBV/m



0 dB = 42.17 V/m = 32.50 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 32.16 V/m; Power Drift = 0.07 dB

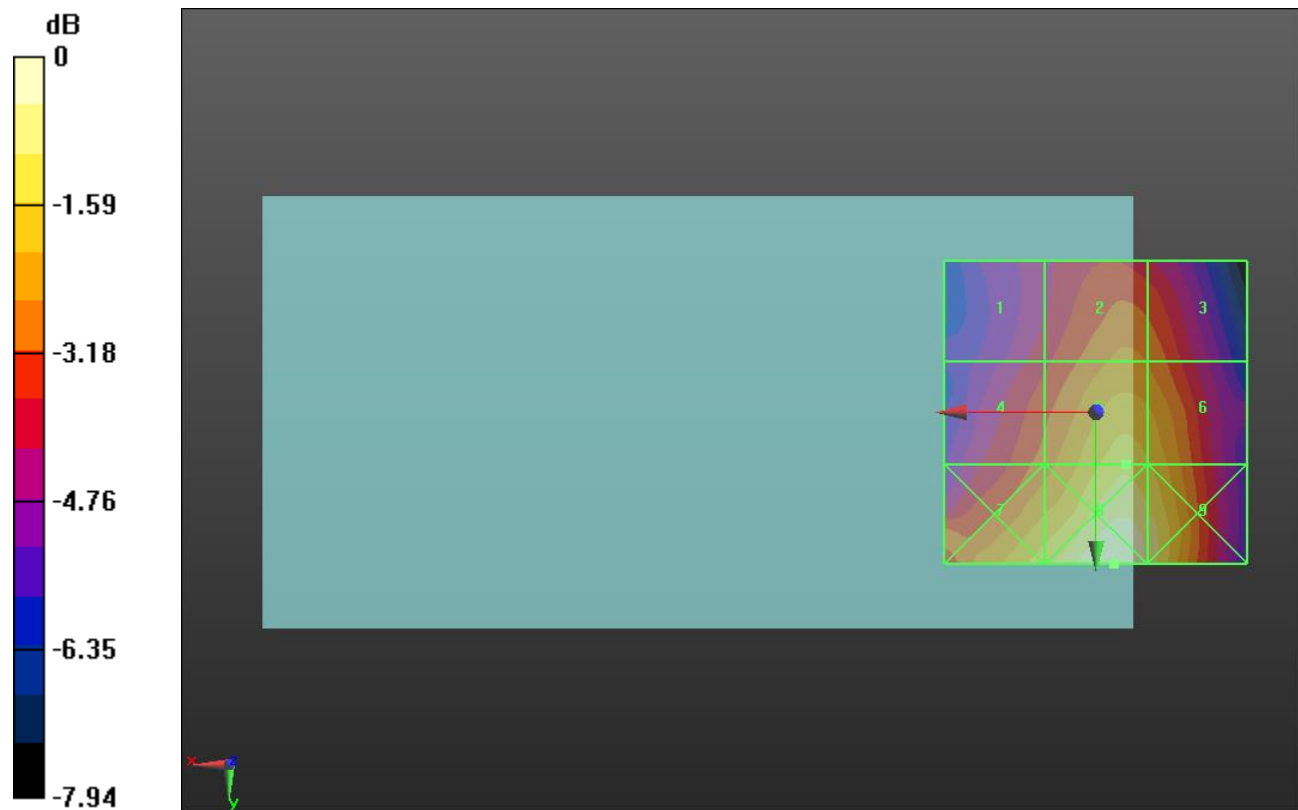
Applied MIF = 3.26 dB

RF audio interference level = 31.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.83 dBV/m	Grid 2 M4 30.19 dBV/m	Grid 3 M4 29.99 dBV/m
Grid 4 M4 29.8 dBV/m	Grid 5 M4 31.46 dBV/m	Grid 6 M4 31.16 dBV/m
Grid 7 M4 31.44 dBV/m	Grid 8 M4 32.66 dBV/m	Grid 9 M4 32.02 dBV/m



0 dB = 42.97 V/m = 32.66 dBV/m

HAC-RF Emission UAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.8 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 32.55 V/m; Power Drift = 0.04 dB

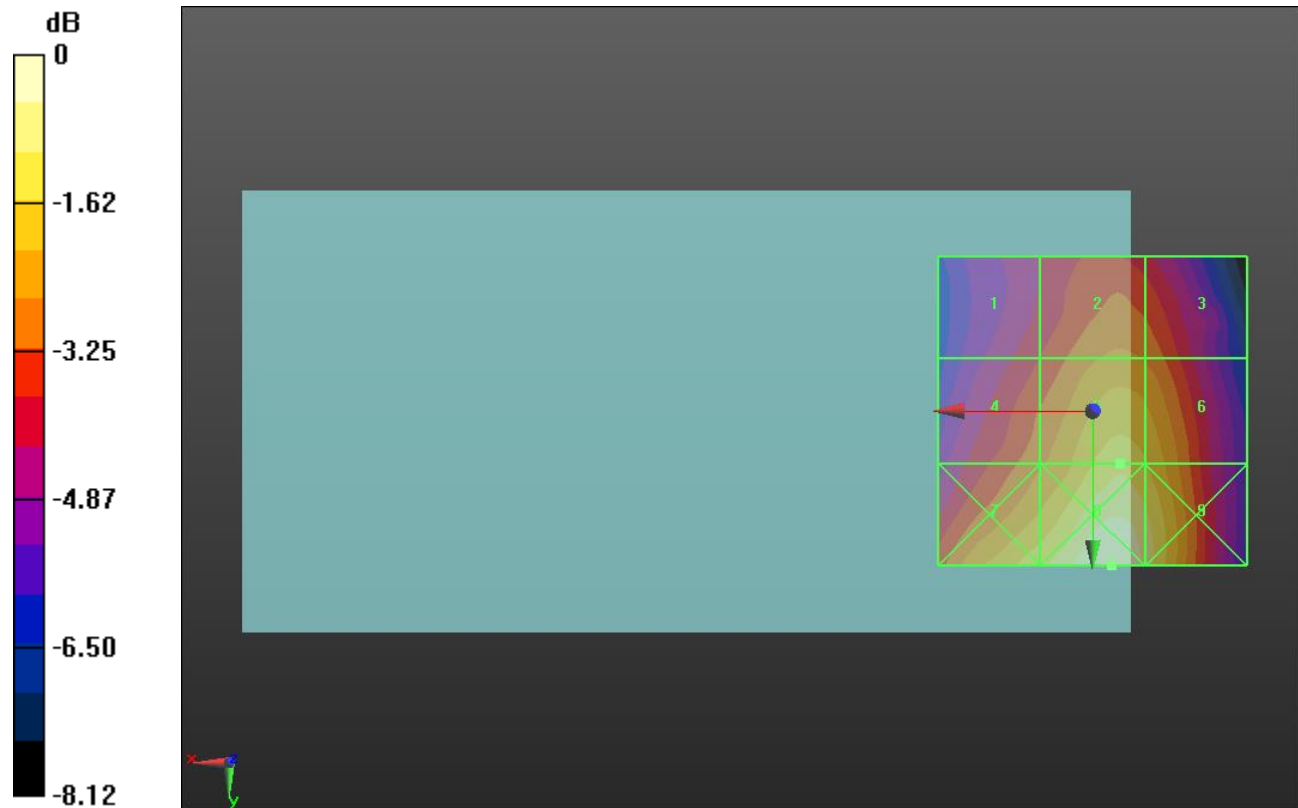
Applied MIF = 3.26 dB

RF audio interference level = 31.49 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.97 dBV/m	Grid 2 M4 30.16 dBV/m	Grid 3 M4 29.97 dBV/m
Grid 4 M4 29.94 dBV/m	Grid 5 M4 31.49 dBV/m	Grid 6 M4 31.15 dBV/m
Grid 7 M4 31.59 dBV/m	Grid 8 M4 32.73 dBV/m	Grid 9 M4 32 dBV/m



0 dB = 43.28 V/m = 32.73 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_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 = 22.96 V/m; Power Drift = 0.05 dB

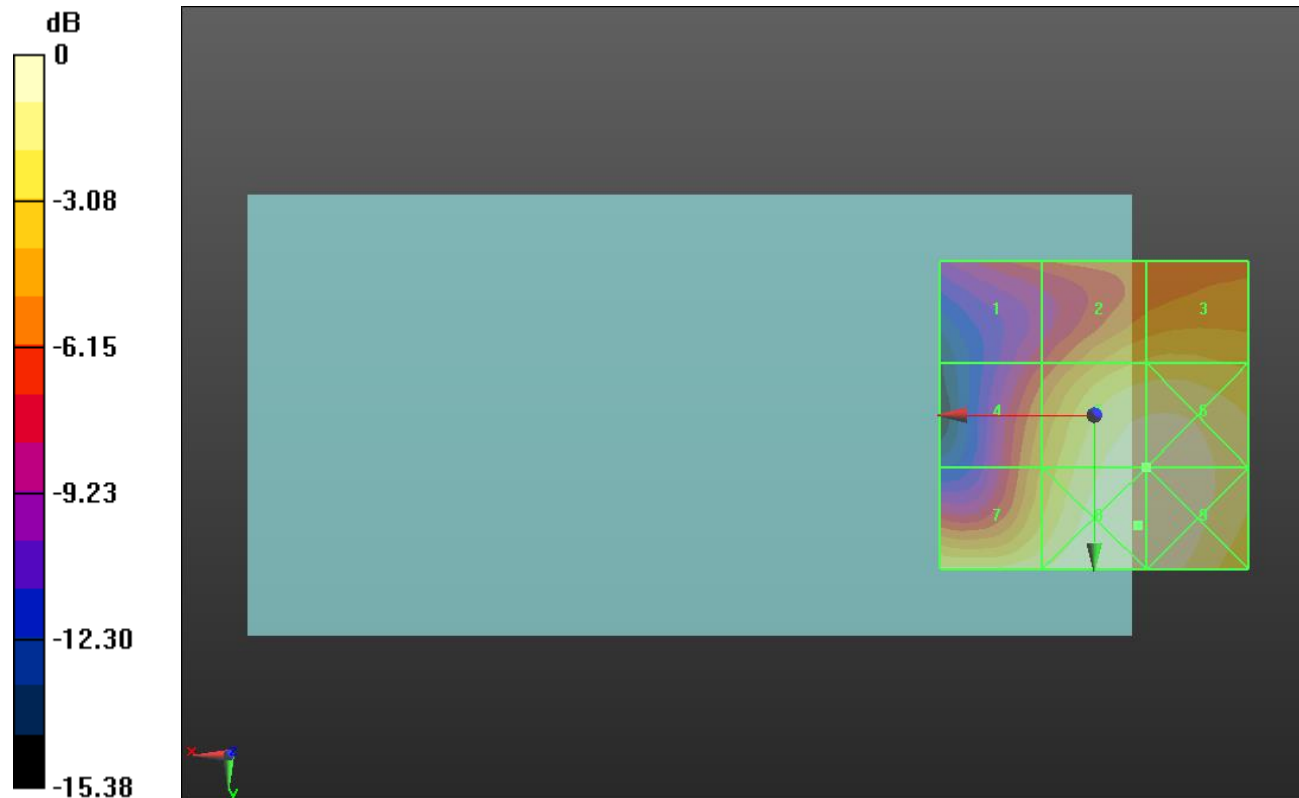
Applied MIF = -1.44 dB

RF audio interference level = 24.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.47 dBV/m	Grid 2 M4 21.94 dBV/m	Grid 3 M4 22.11 dBV/m
Grid 4 M4 20.81 dBV/m	Grid 5 M4 24.5 dBV/m	Grid 6 M4 24.53 dBV/m
Grid 7 M4 23.76 dBV/m	Grid 8 M4 24.8 dBV/m	Grid 9 M4 24.79 dBV/m



0 dB = 17.38 V/m = 24.80 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_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 = 20.55 V/m; Power Drift = -0.05 dB

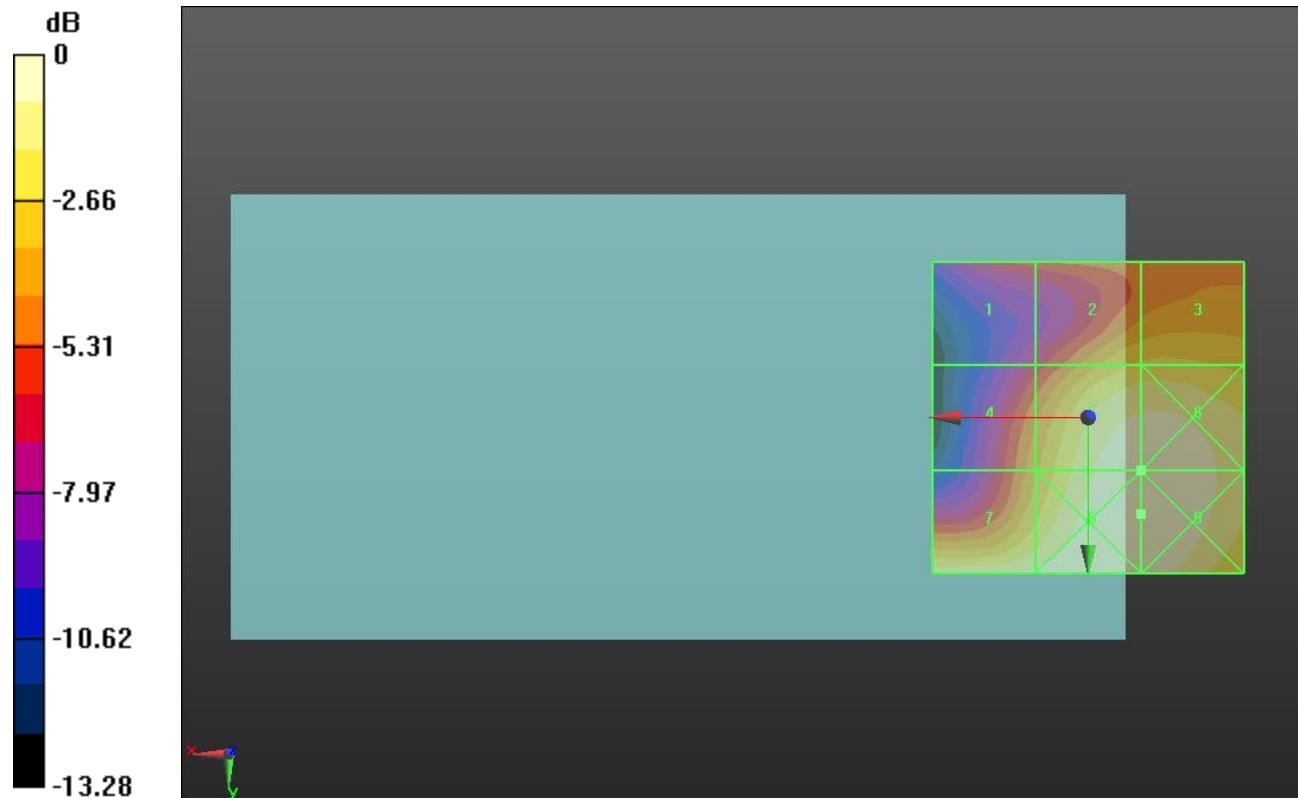
Applied MIF = -1.44 dB

RF audio interference level = 23.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.09 dBV/m	Grid 2 M4 21.15 dBV/m	Grid 3 M4 21.29 dBV/m
Grid 4 M4 19.95 dBV/m	Grid 5 M4 23.5 dBV/m	Grid 6 M4 23.54 dBV/m
Grid 7 M4 23.06 dBV/m	Grid 8 M4 23.66 dBV/m	Grid 9 M4 23.66 dBV/m



0 dB = 15.23 V/m = 23.65 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_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 = 19.33 V/m; Power Drift = -0.02 dB

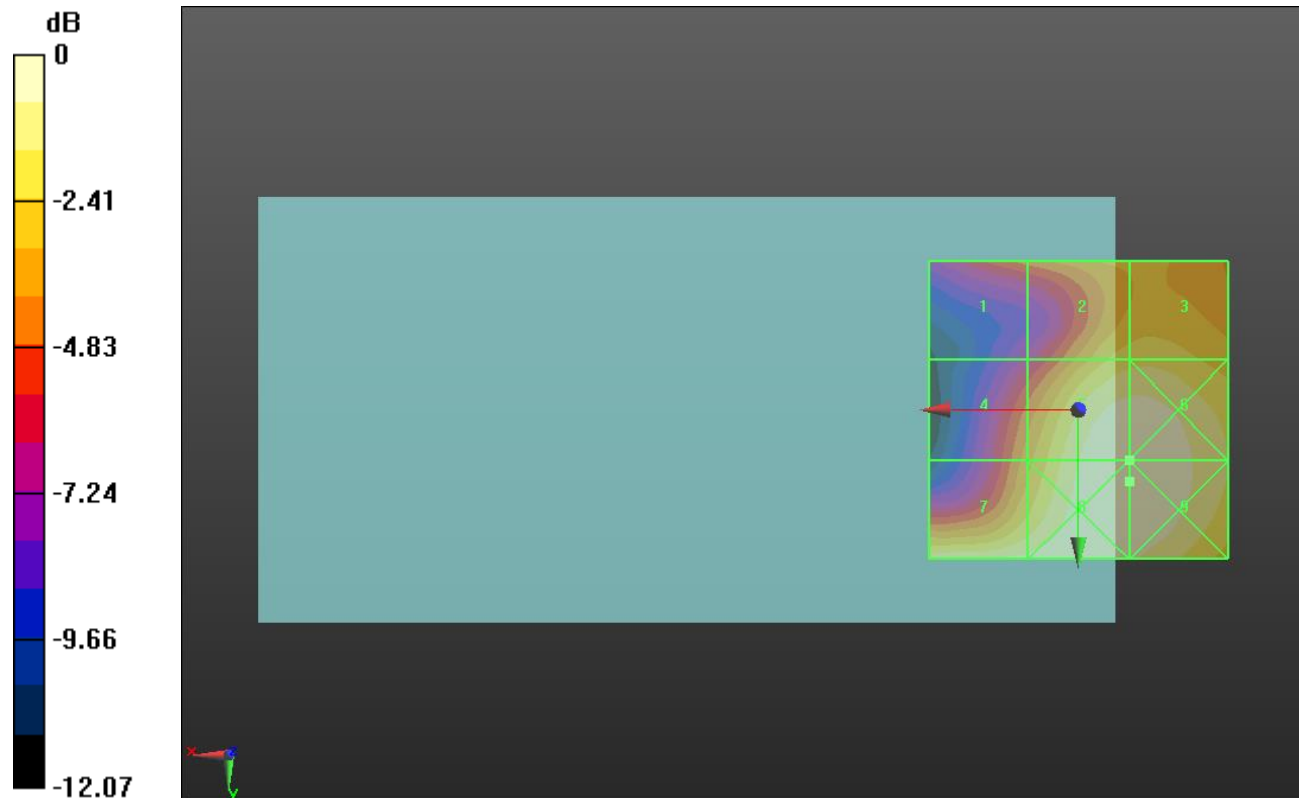
Applied MIF = -1.44 dB

RF audio interference level = 23.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.7 dBV/m	Grid 2 M4 21.15 dBV/m	Grid 3 M4 21.27 dBV/m
Grid 4 M4 19.55 dBV/m	Grid 5 M4 23.03 dBV/m	Grid 6 M4 23.03 dBV/m
Grid 7 M4 22.61 dBV/m	Grid 8 M4 23.07 dBV/m	Grid 9 M4 23.07 dBV/m



0 dB = 14.25 V/m = 23.08 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_ch 41055/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.40 V/m; Power Drift = -0.02 dB

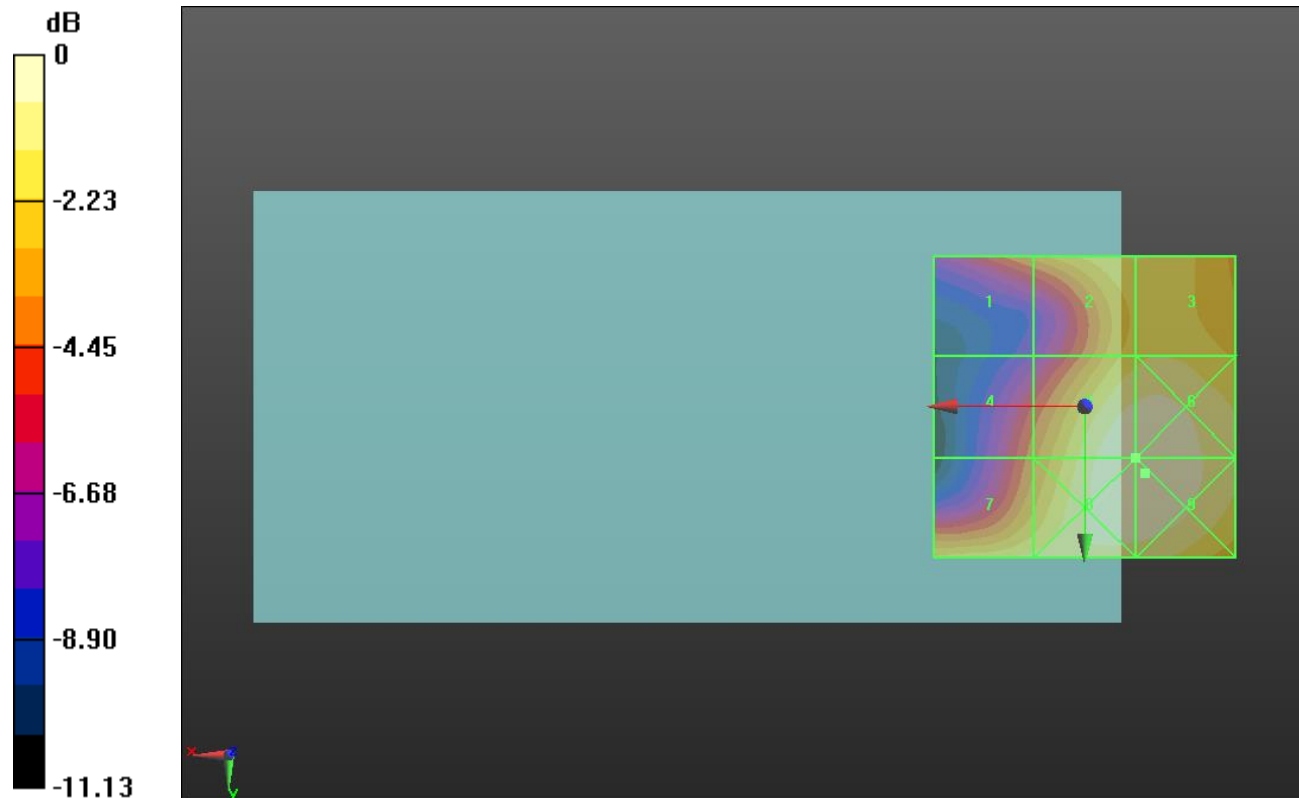
Applied MIF = -1.44 dB

RF audio interference level = 22.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.23 dBV/m	Grid 2 M4 21.13 dBV/m	Grid 3 M4 21.12 dBV/m
Grid 4 M4 18.58 dBV/m	Grid 5 M4 22.48 dBV/m	Grid 6 M4 22.5 dBV/m
Grid 7 M4 21.35 dBV/m	Grid 8 M4 22.51 dBV/m	Grid 9 M4 22.52 dBV/m



0 dB = 13.37 V/m = 22.52 dBV/m

HAC-RF Emission UAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_ch 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.01 V/m; Power Drift = -0.00 dB

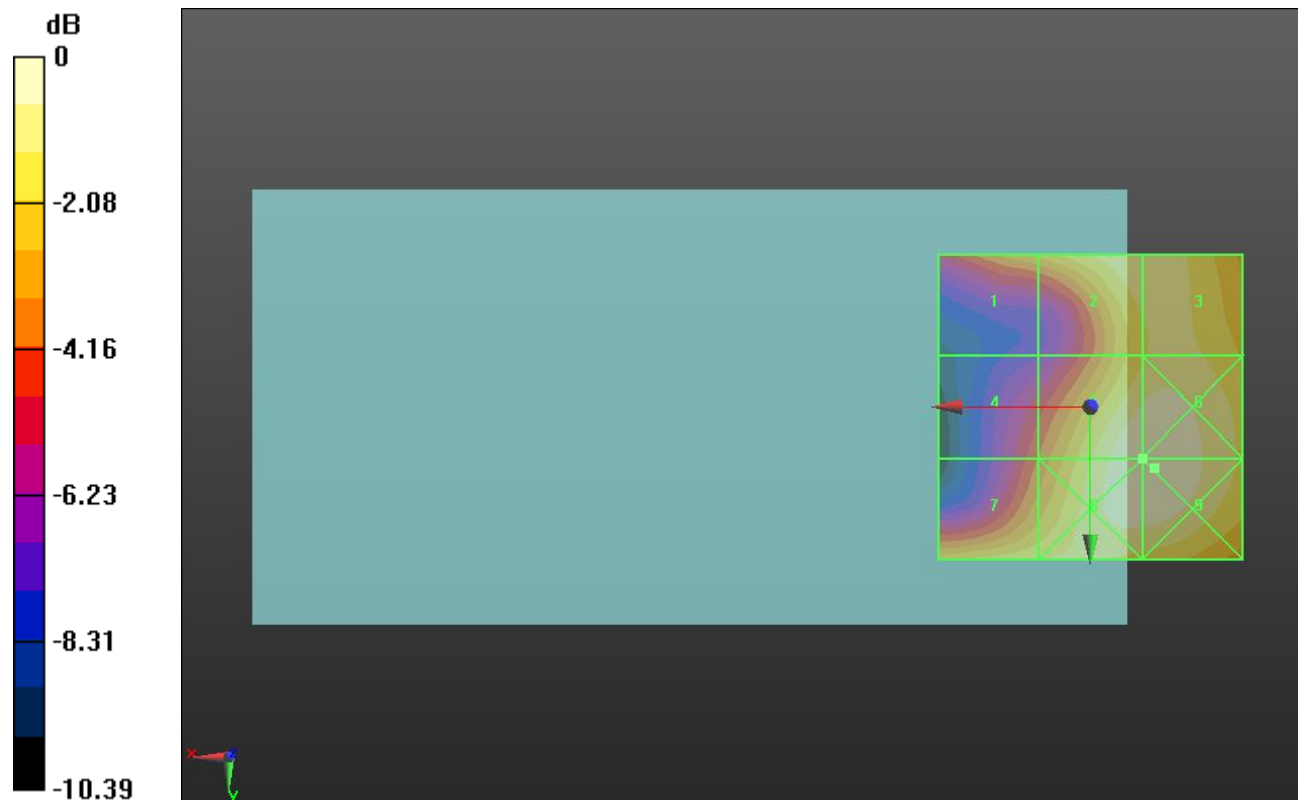
Applied MIF = -1.44 dB

RF audio interference level = 21.06 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.66 dBV/m	Grid 2 M4 20.29 dBV/m	Grid 3 M4 20.29 dBV/m
Grid 4 M4 17.04 dBV/m	Grid 5 M4 21.06 dBV/m	Grid 6 M4 21.1 dBV/m
Grid 7 M4 19.72 dBV/m	Grid 8 M4 21.08 dBV/m	Grid 9 M4 21.11 dBV/m



0 dB = 11.36 V/m = 21.11 dBV/m

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 15.47 V/m; Power Drift = -0.04 dB

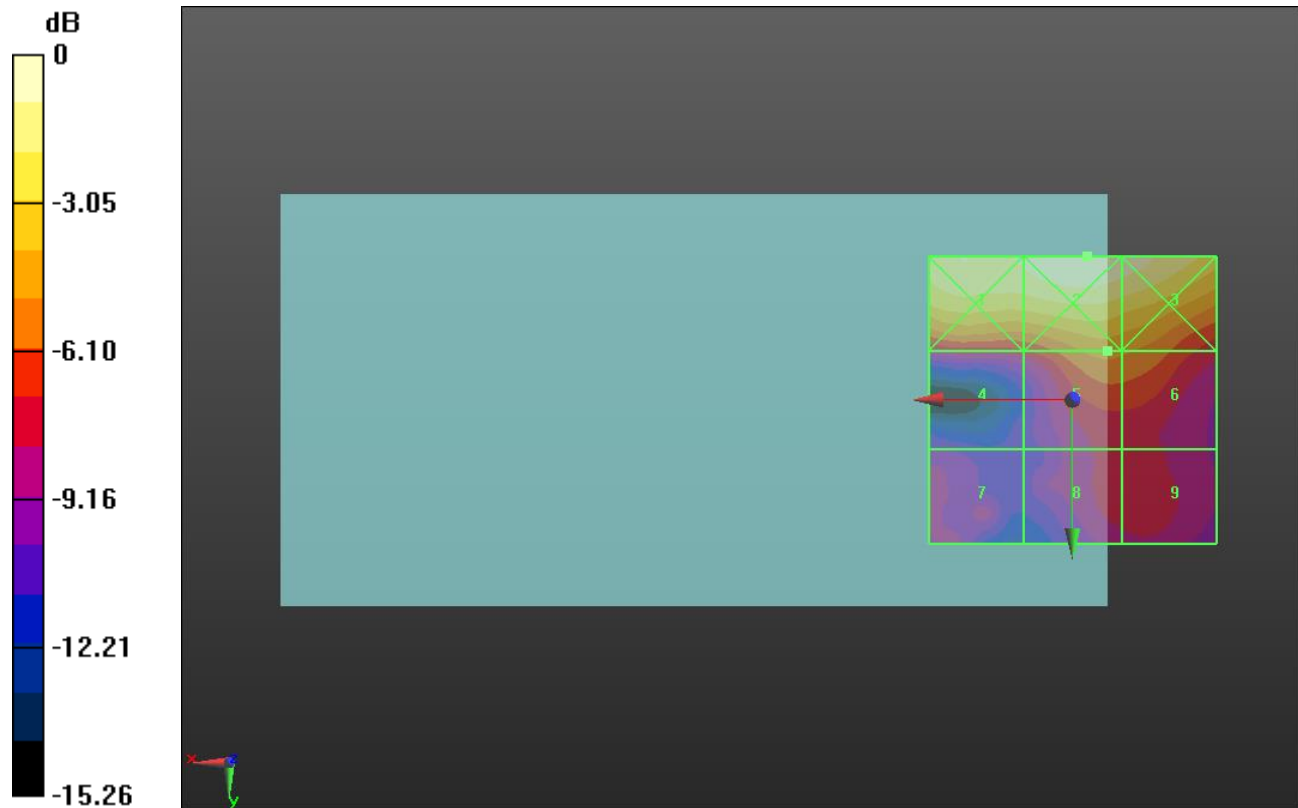
Applied MIF = -3.15 dB

RF audio interference level = 18.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.16 dBV/m	Grid 2 M4 23.05 dBV/m	Grid 3 M4 22.84 dBV/m
Grid 4 M4 15.8 dBV/m	Grid 5 M4 18.36 dBV/m	Grid 6 M4 18.18 dBV/m
Grid 7 M4 14.51 dBV/m	Grid 8 M4 15.31 dBV/m	Grid 9 M4 15.36 dBV/m



0 dB = 14.21 V/m = 23.05 dBV/m

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 15.22 V/m; Power Drift = -0.04 dB

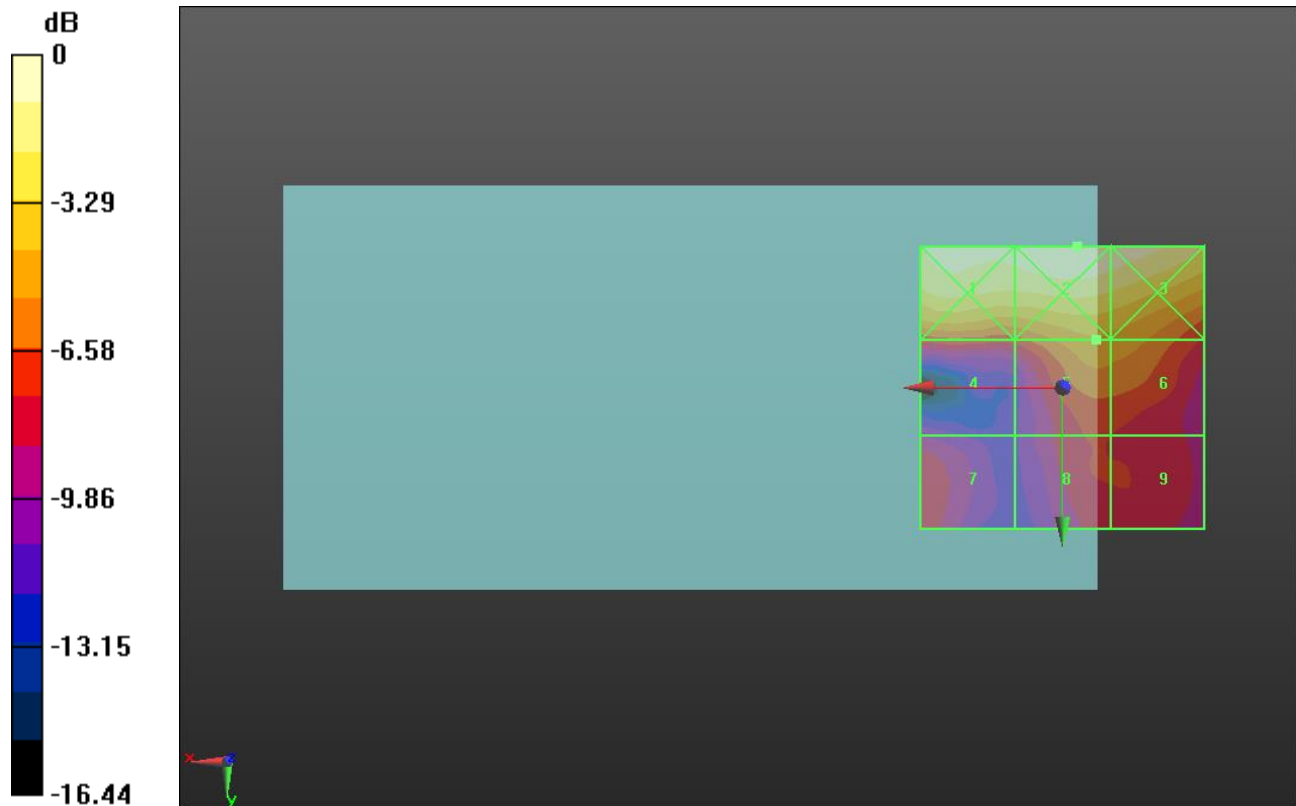
Applied MIF = -3.15 dB

RF audio interference level = 17.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.71 dBV/m	Grid 2 M4 22.49 dBV/m	Grid 3 M4 22.24 dBV/m
Grid 4 M4 15.74 dBV/m	Grid 5 M4 17.97 dBV/m	Grid 6 M4 17.83 dBV/m
Grid 7 M4 14.74 dBV/m	Grid 8 M4 14.98 dBV/m	Grid 9 M4 14.93 dBV/m



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

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 15.13 V/m; Power Drift = -0.14 dB

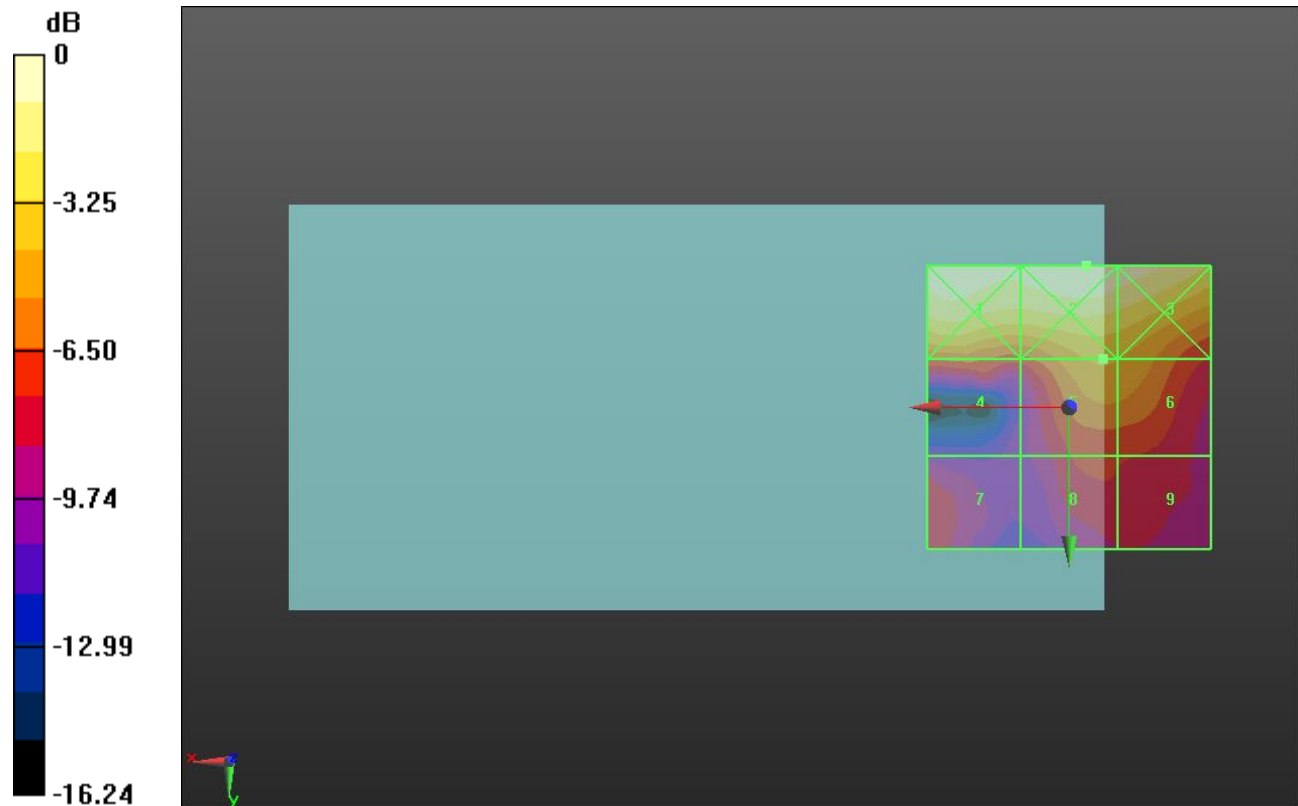
Applied MIF = -3.15 dB

RF audio interference level = 17.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.48 dBV/m	Grid 2 M4 21.96 dBV/m	Grid 3 M4 21.64 dBV/m
Grid 4 M4 15.87 dBV/m	Grid 5 M4 17.8 dBV/m	Grid 6 M4 17.65 dBV/m
Grid 7 M4 13.94 dBV/m	Grid 8 M4 14.82 dBV/m	Grid 9 M4 14.62 dBV/m



0 dB = 12.53 V/m = 21.96 dBV/m

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 14.68 V/m; Power Drift = 0.01 dB

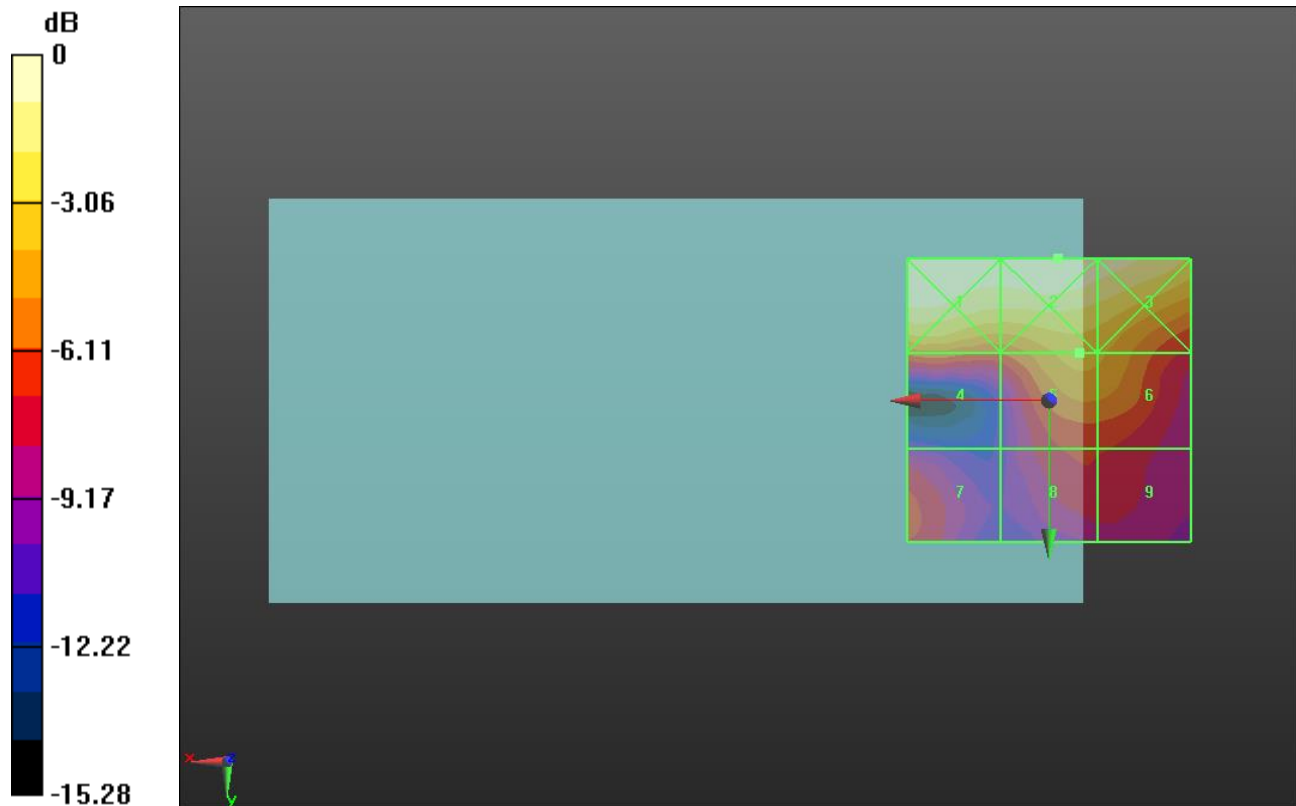
Applied MIF = -3.15 dB

RF audio interference level = 17.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.26 dBV/m	Grid 2 M4 21.4 dBV/m	Grid 3 M4 21.07 dBV/m
Grid 4 M4 16.1 dBV/m	Grid 5 M4 17.76 dBV/m	Grid 6 M4 17.57 dBV/m
Grid 7 M4 14.54 dBV/m	Grid 8 M4 14.55 dBV/m	Grid 9 M4 14.45 dBV/m



0 dB = 11.75 V/m = 21.40 dBV/m

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 14.43 V/m; Power Drift = 0.01 dB

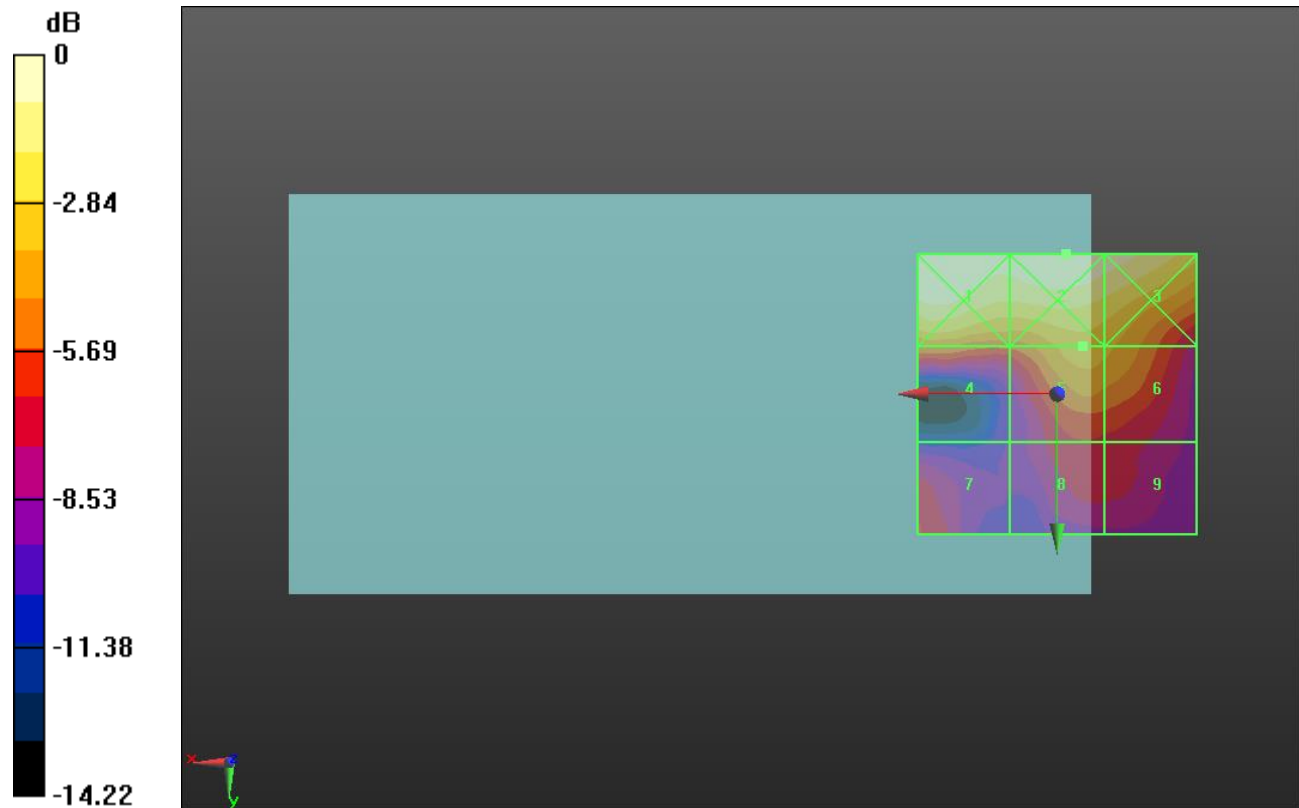
Applied MIF = -3.15 dB

RF audio interference level = 17.76 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.97 dBV/m	Grid 2 M4 21.04 dBV/m	Grid 3 M4 20.71 dBV/m
Grid 4 M4 16.41 dBV/m	Grid 5 M4 17.76 dBV/m	Grid 6 M4 17.49 dBV/m
Grid 7 M4 14.52 dBV/m	Grid 8 M4 14.41 dBV/m	Grid 9 M4 14.16 dBV/m



0 dB = 11.27 V/m = 21.04 dBV/m

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 15.17 V/m; Power Drift = -0.04 dB

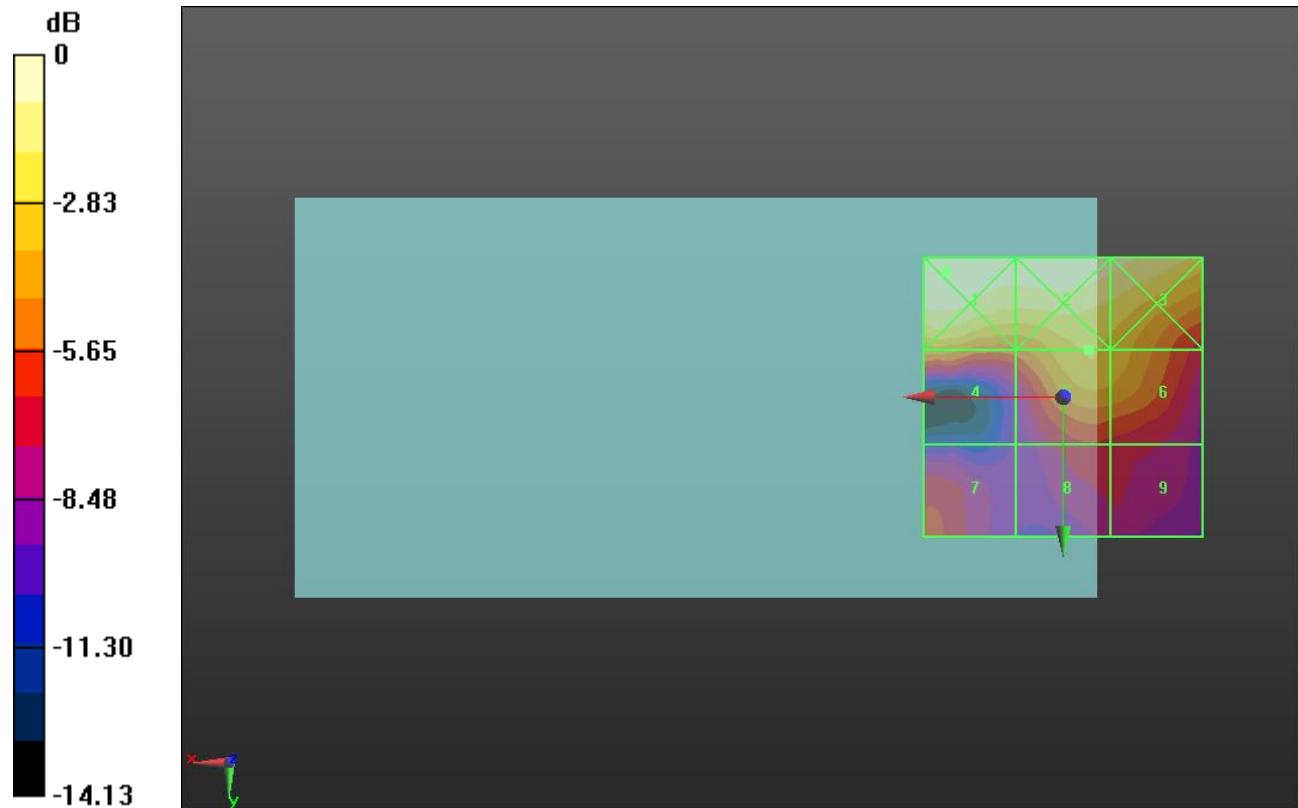
Applied MIF = -3.15 dB

RF audio interference level = 18.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.98 dBV/m	Grid 2 M4 20.83 dBV/m	Grid 3 M4 20.44 dBV/m
Grid 4 M4 16.93 dBV/m	Grid 5 M4 18.2 dBV/m	Grid 6 M4 17.9 dBV/m
Grid 7 M4 14.91 dBV/m	Grid 8 M4 14.32 dBV/m	Grid 9 M4 14.04 dBV/m



0 dB = 11.19 V/m = 20.98 dBV/m

HAC-RF Emission UAT

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5540 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 108/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.43 V/m; Power Drift = -0.03 dB

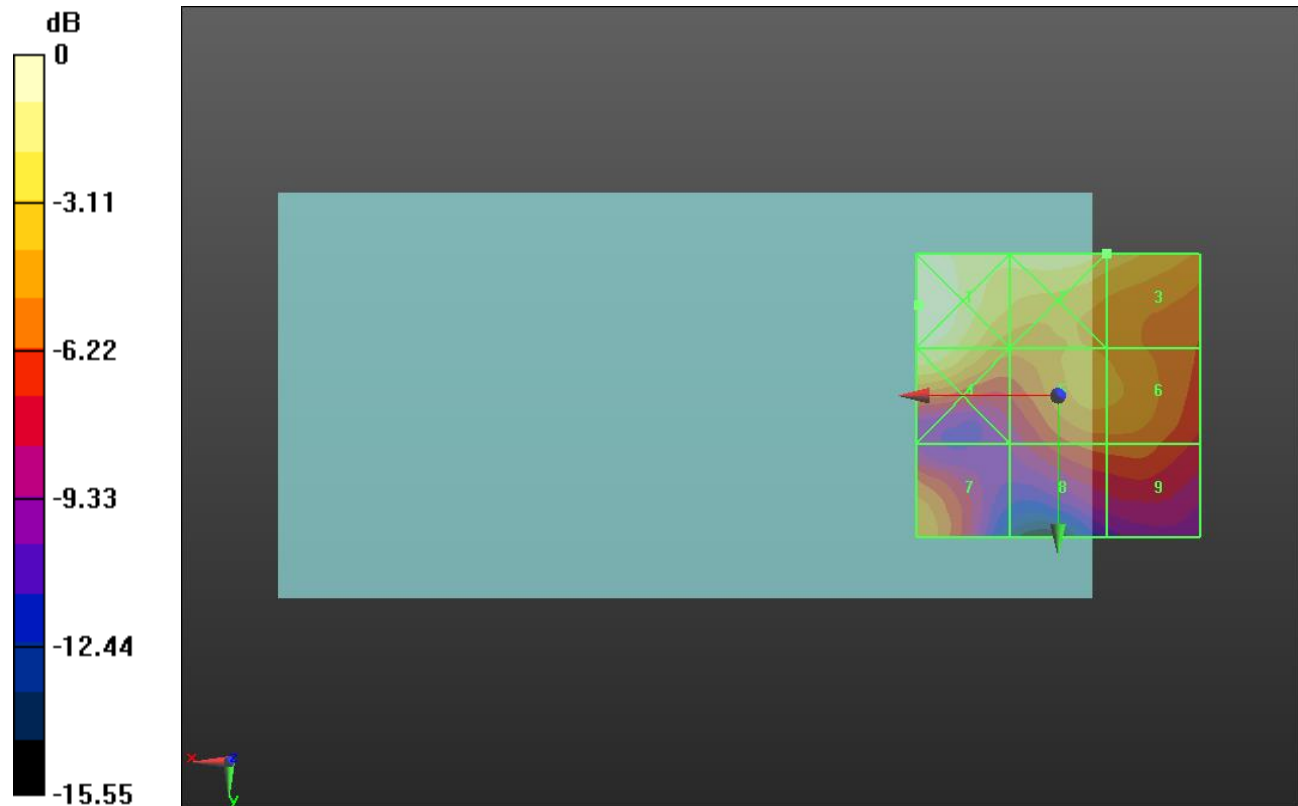
Applied MIF = -3.15 dB

RF audio interference level = 20.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.65 dBV/m	Grid 2 M4 21.37 dBV/m	Grid 3 M4 20.46 dBV/m
Grid 4 M4 21.64 dBV/m	Grid 5 M4 18.97 dBV/m	Grid 6 M4 18.81 dBV/m
Grid 7 M4 18.47 dBV/m	Grid 8 M4 16.96 dBV/m	Grid 9 M4 17.07 dBV/m



HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 14.82 V/m; Power Drift = -0.09 dB

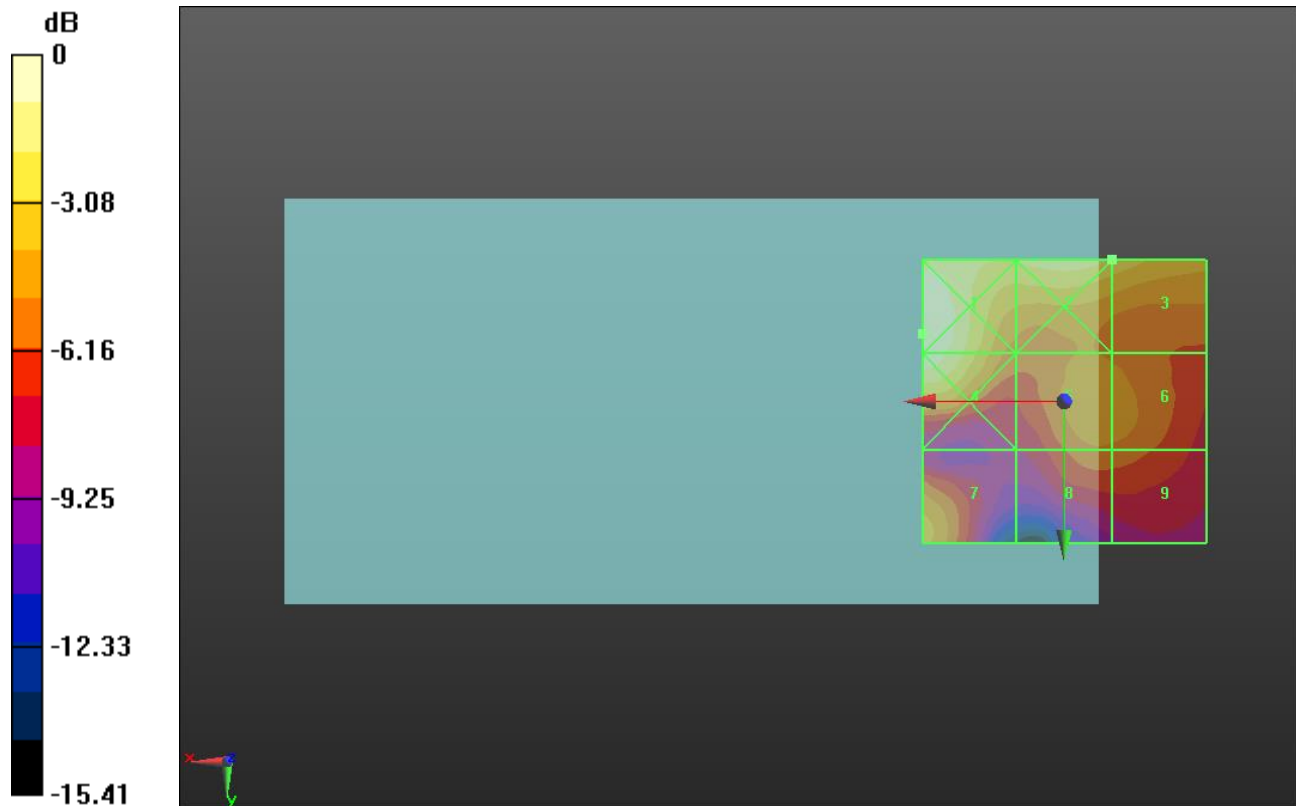
Applied MIF = -3.15 dB

RF audio interference level = 19.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.89 dBV/m	Grid 2 M4 20.53 dBV/m	Grid 3 M4 19.78 dBV/m
Grid 4 M4 21.5 dBV/m	Grid 5 M4 17.55 dBV/m	Grid 6 M4 17.43 dBV/m
Grid 7 M4 18.27 dBV/m	Grid 8 M4 16.64 dBV/m	Grid 9 M4 16.49 dBV/m



0 dB = 12.43 V/m = 21.89 dBV/m

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 12.60 V/m; Power Drift = -0.08 dB

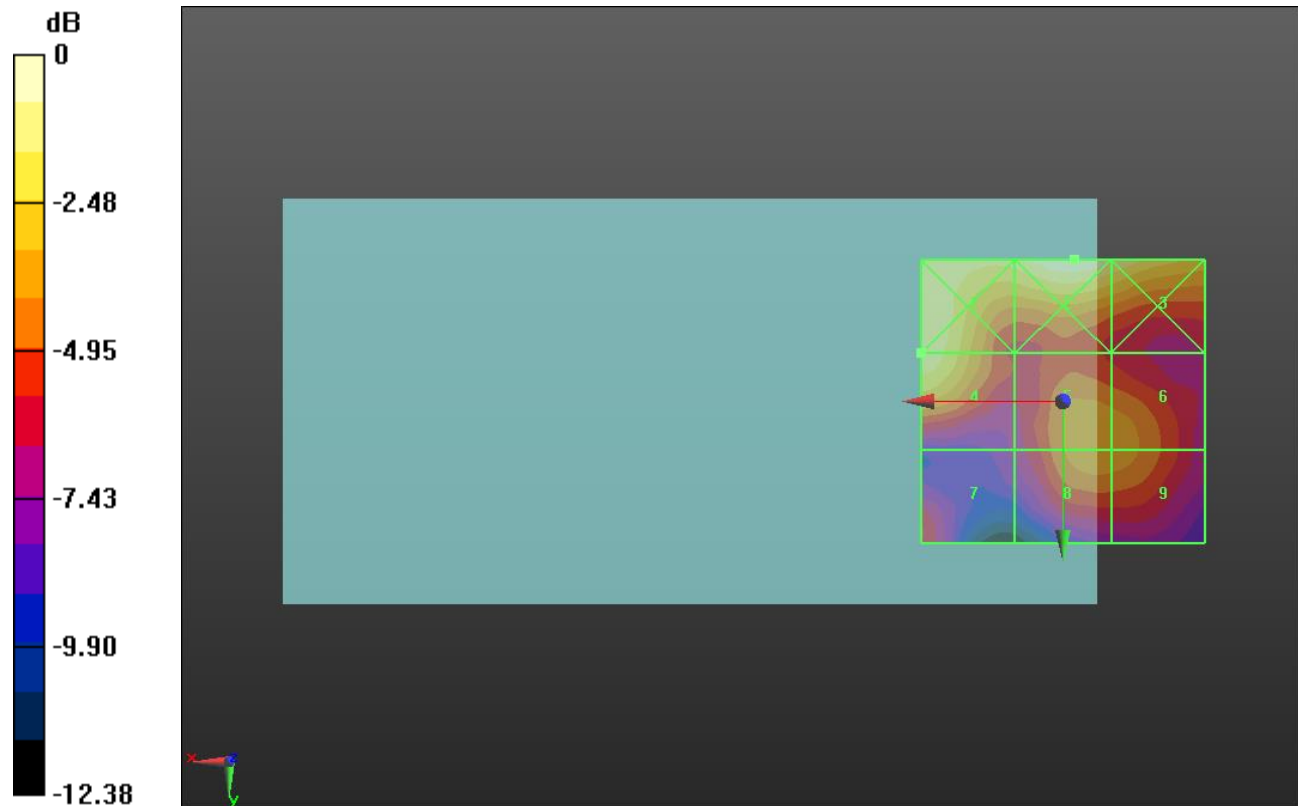
Applied MIF = -3.15 dB

RF audio interference level = 19.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.22 dBV/m	Grid 2 M4 20.17 dBV/m	Grid 3 M4 19.49 dBV/m
Grid 4 M4 19.08 dBV/m	Grid 5 M4 16.8 dBV/m	Grid 6 M4 16.72 dBV/m
Grid 7 M4 14.58 dBV/m	Grid 8 M4 16.73 dBV/m	Grid 9 M4 16.64 dBV/m



0 dB = 10.19 V/m = 20.16 dBV/m

HAC-RF Emission UAT

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5765 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 153/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.93 V/m; Power Drift = 0.05 dB

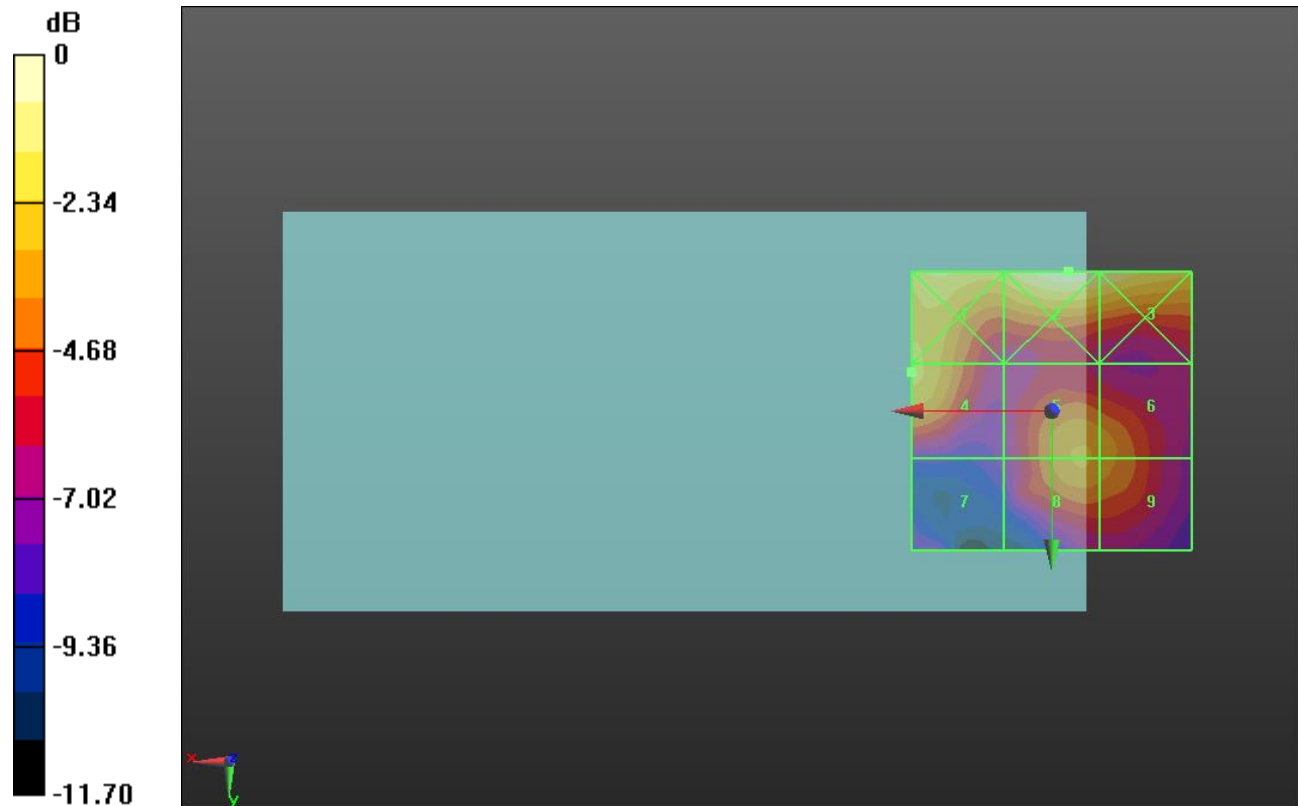
Applied MIF = -3.15 dB

RF audio interference level = 17.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.64 dBV/m	Grid 2 M4 19.98 dBV/m	Grid 3 M4 19.55 dBV/m
Grid 4 M4 17.91 dBV/m	Grid 5 M4 16.98 dBV/m	Grid 6 M4 16.66 dBV/m
Grid 7 M4 12.67 dBV/m	Grid 8 M4 16.97 dBV/m	Grid 9 M4 16.61 dBV/m



0 dB = 9.975 V/m = 19.98 dBV/m

HAC-RF Emission UAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 11.46 V/m; Power Drift = -0.07 dB

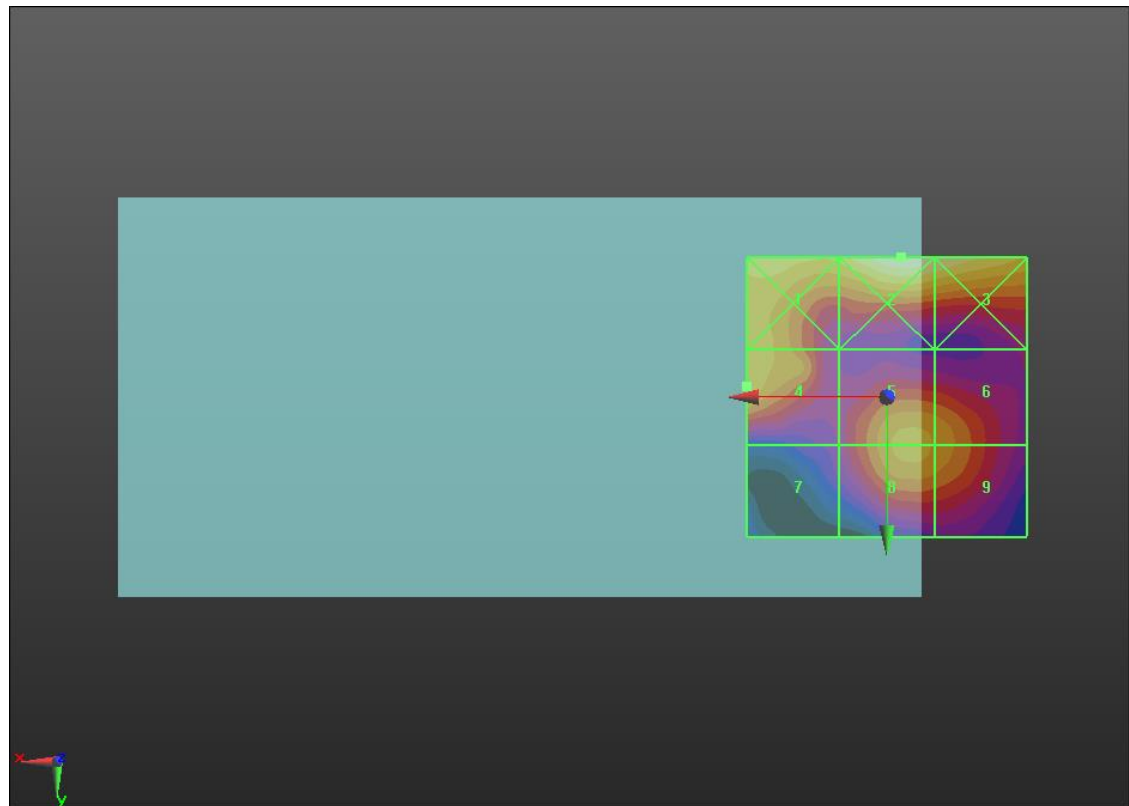
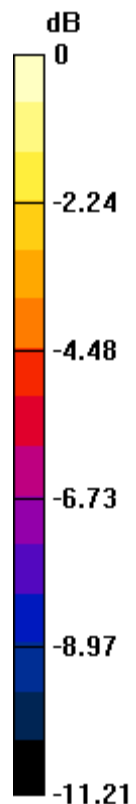
Applied MIF = -3.15 dB

RF audio interference level = 17.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.42 dBV/m	Grid 2 M4 19.99 dBV/m	Grid 3 M4 19.57 dBV/m
Grid 4 M4 17.83 dBV/m	Grid 5 M4 17.3 dBV/m	Grid 6 M4 16.94 dBV/m
Grid 7 M4 13.38 dBV/m	Grid 8 M4 17.3 dBV/m	Grid 9 M4 16.92 dBV/m



0 dB = 9.986 V/m = 19.99 dBV/m

HAC-RF Emission UAT

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5805 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 161/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.47 V/m; Power Drift = -0.01 dB

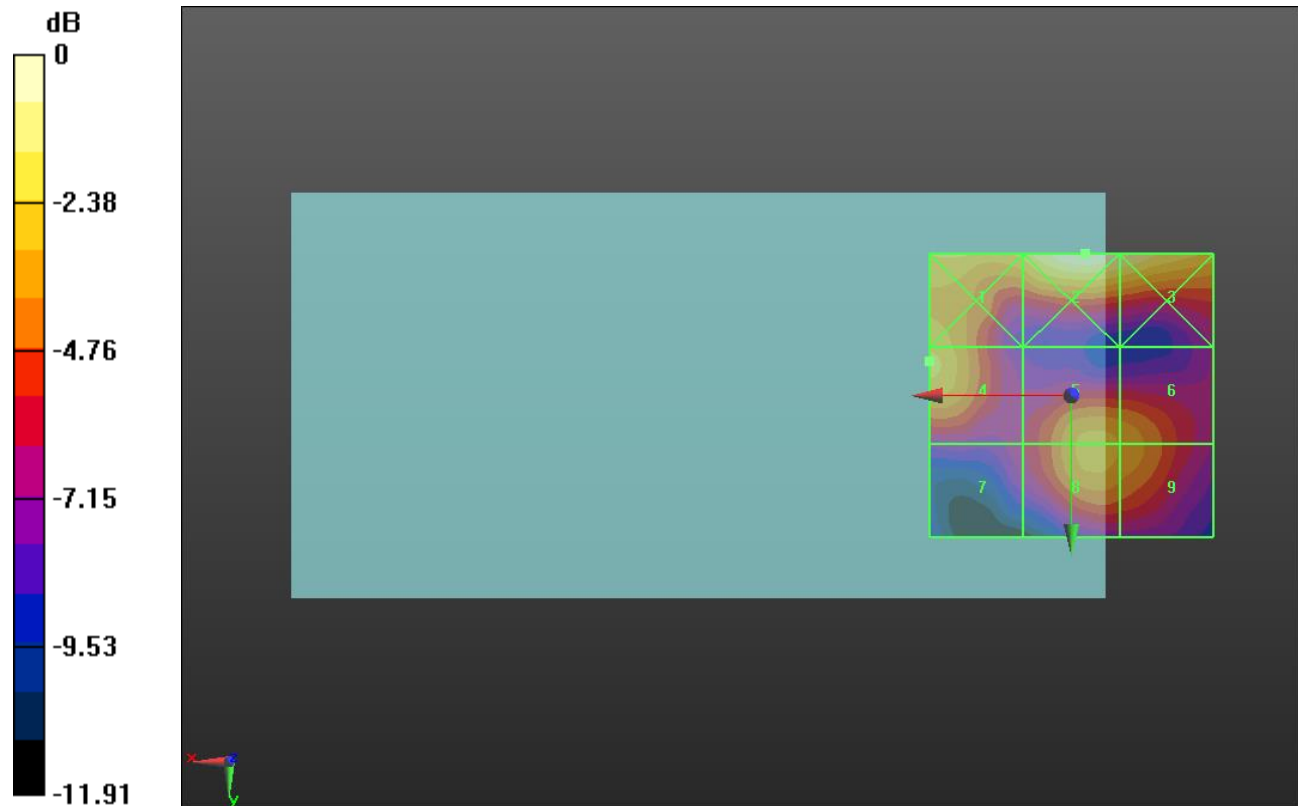
Applied MIF = -3.15 dB

RF audio interference level = 18.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.27 dBV/m	Grid 2 M4 20.31 dBV/m	Grid 3 M4 19.84 dBV/m
Grid 4 M4 18.22 dBV/m	Grid 5 M4 17.46 dBV/m	Grid 6 M4 17.09 dBV/m
Grid 7 M4 13.97 dBV/m	Grid 8 M4 17.5 dBV/m	Grid 9 M4 17.1 dBV/m



0 dB = 10.36 V/m = 20.31 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 49.77 V/m; Power Drift = 0.06 dB

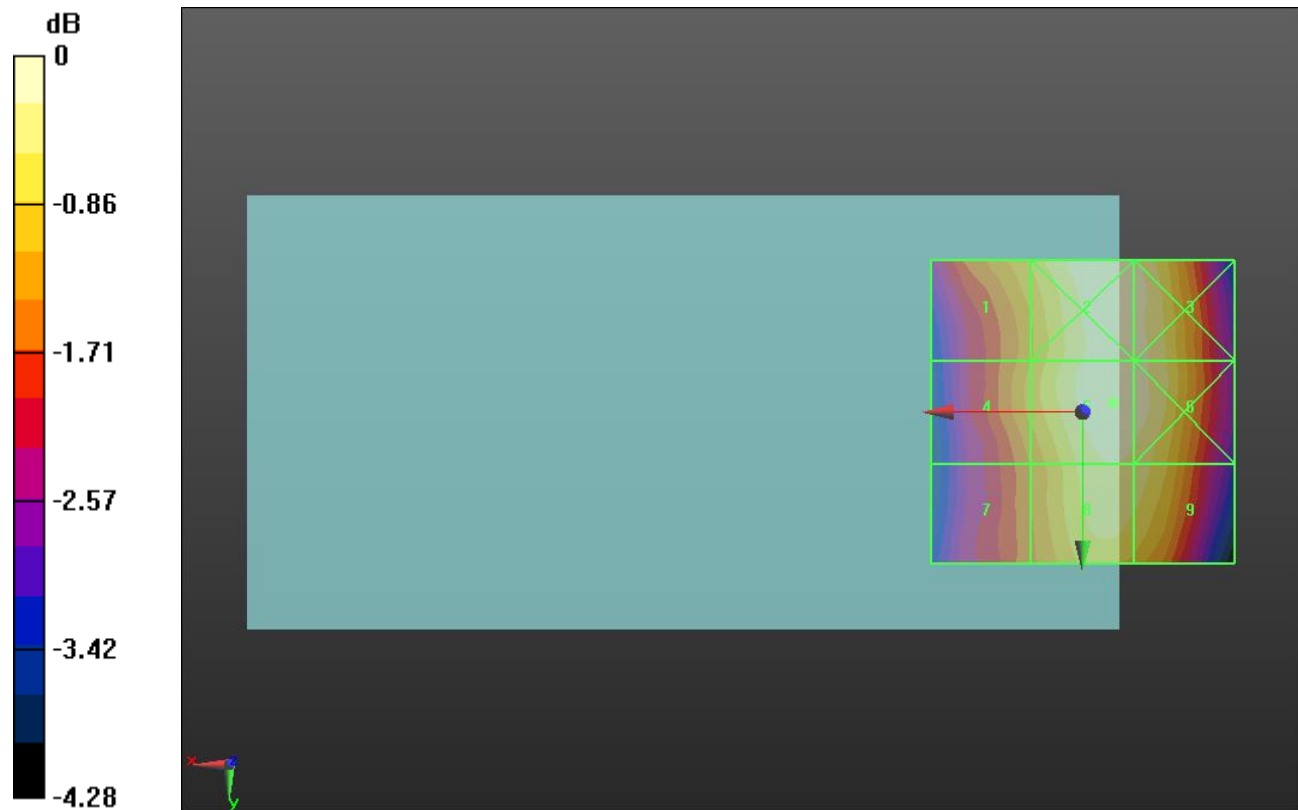
Applied MIF = 3.63 dB

RF audio interference level = 35.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.88 dBV/m	Grid 2 M4 35.66 dBV/m	Grid 3 M4 35.56 dBV/m
Grid 4 M4 34.65 dBV/m	Grid 5 M4 35.68 dBV/m	Grid 6 M4 35.58 dBV/m
Grid 7 M4 34.28 dBV/m	Grid 8 M4 35.4 dBV/m	Grid 9 M4 35.32 dBV/m



0 dB = 60.78 V/m = 35.68 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 51.27 V/m; Power Drift = -0.08 dB

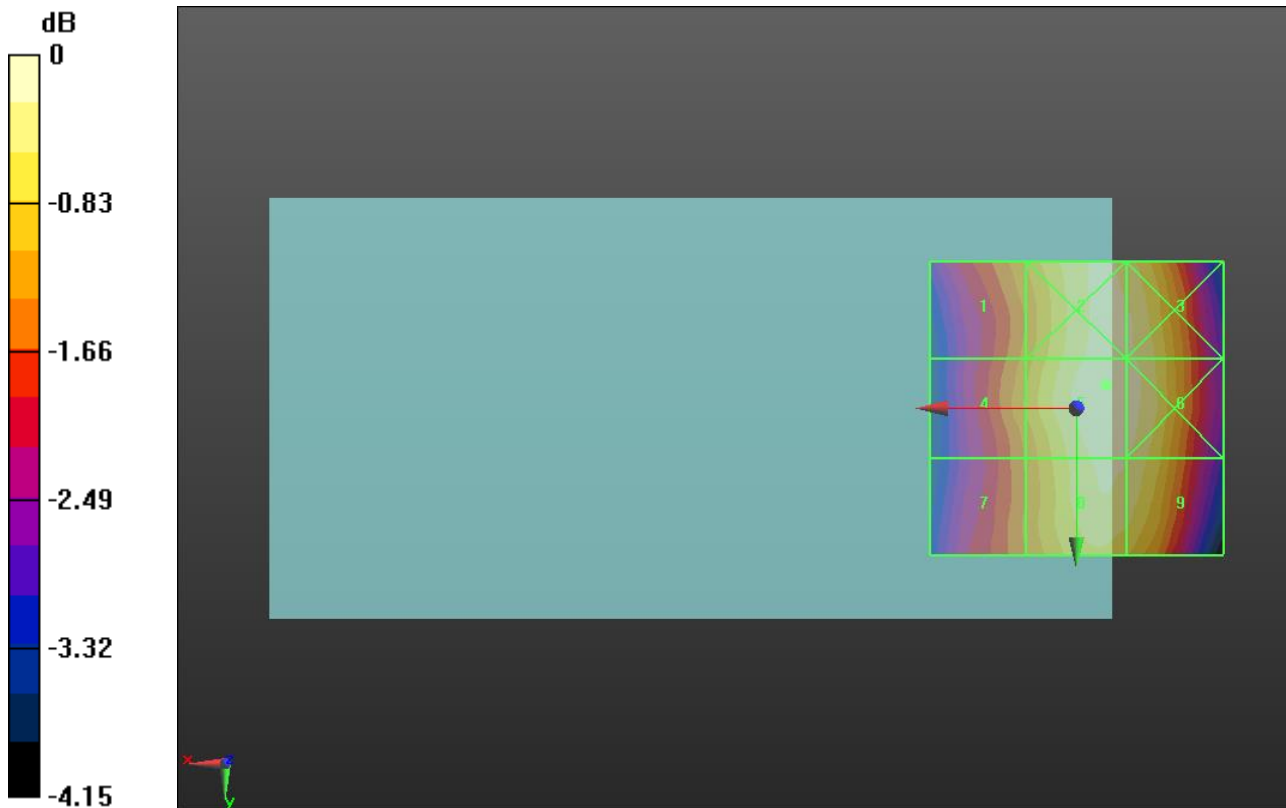
Applied MIF = 3.63 dB

RF audio interference level = 35.77 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.69 dBV/m	Grid 2 M4 35.64 dBV/m	Grid 3 M4 35.6 dBV/m
Grid 4 M4 34.72 dBV/m	Grid 5 M4 35.77 dBV/m	Grid 6 M4 35.69 dBV/m
Grid 7 M4 34.46 dBV/m	Grid 8 M4 35.56 dBV/m	Grid 9 M4 35.5 dBV/m



0 dB = 61.42 V/m = 35.77 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 51.31 V/m; Power Drift = -0.07 dB

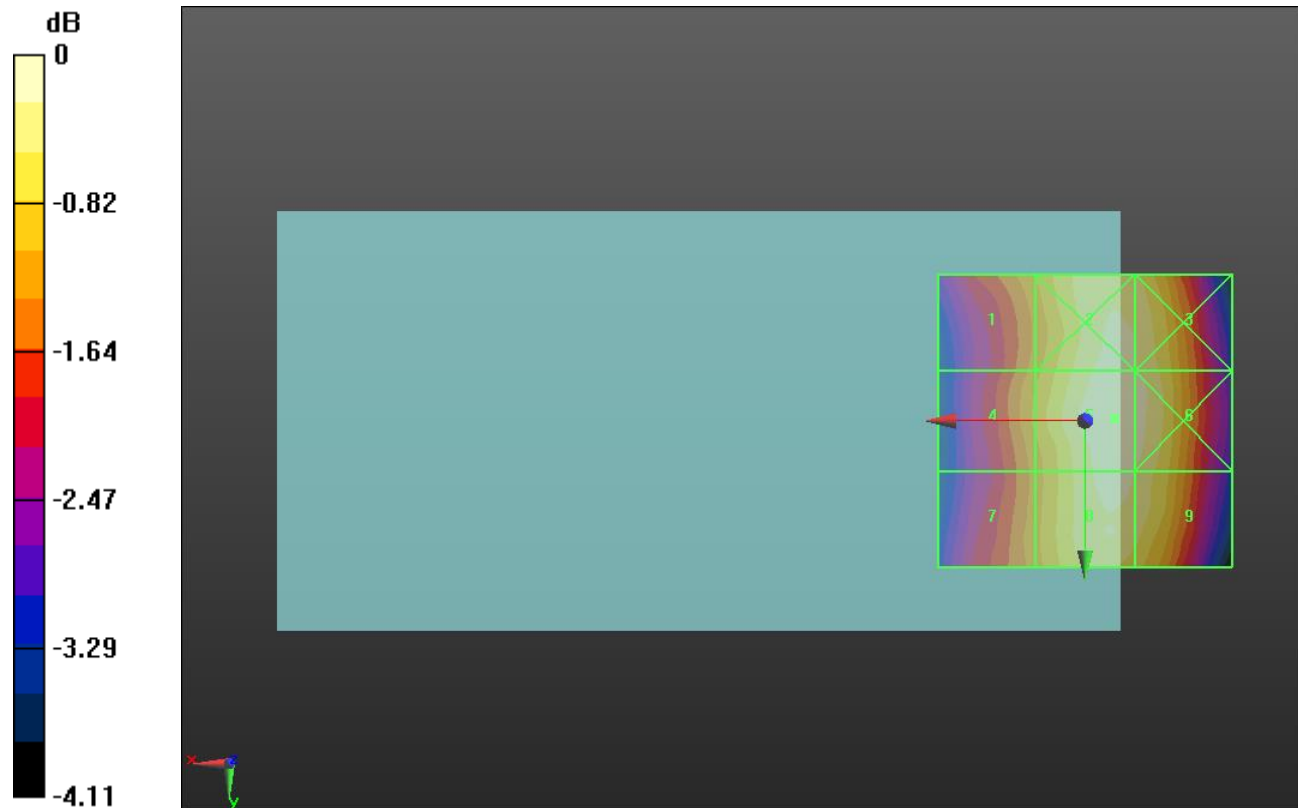
Applied MIF = 3.63 dB

RF audio interference level = 35.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.73 dBV/m	Grid 2 M4 35.64 dBV/m	Grid 3 M4 35.56 dBV/m
Grid 4 M4 34.76 dBV/m	Grid 5 M4 35.79 dBV/m	Grid 6 M4 35.67 dBV/m
Grid 7 M4 34.63 dBV/m	Grid 8 M4 35.64 dBV/m	Grid 9 M4 35.52 dBV/m



0 dB = 61.60 V/m = 35.79 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 21.74 V/m; Power Drift = -0.09 dB

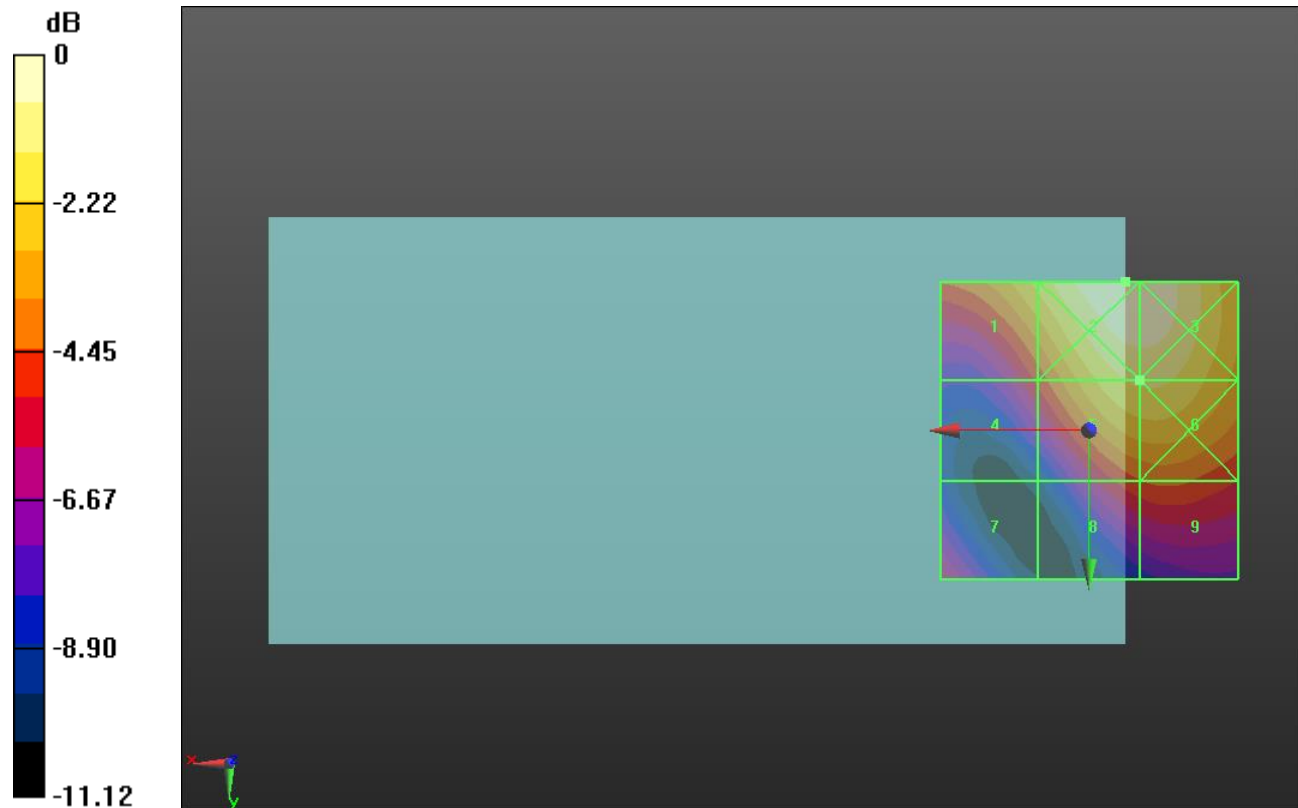
Applied MIF = 3.63 dB

RF audio interference level = 31.04 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.42 dBV/m	Grid 2 M3 32.38 dBV/m	Grid 3 M3 32.29 dBV/m
Grid 4 M4 27.46 dBV/m	Grid 5 M3 31.04 dBV/m	Grid 6 M3 31.07 dBV/m
Grid 7 M4 26.68 dBV/m	Grid 8 M4 27.88 dBV/m	Grid 9 M4 28.12 dBV/m



0 dB = 41.58 V/m = 32.38 dBV/m

HAC-RF Emission LAT

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 22.43 V/m; Power Drift = -0.03 dB

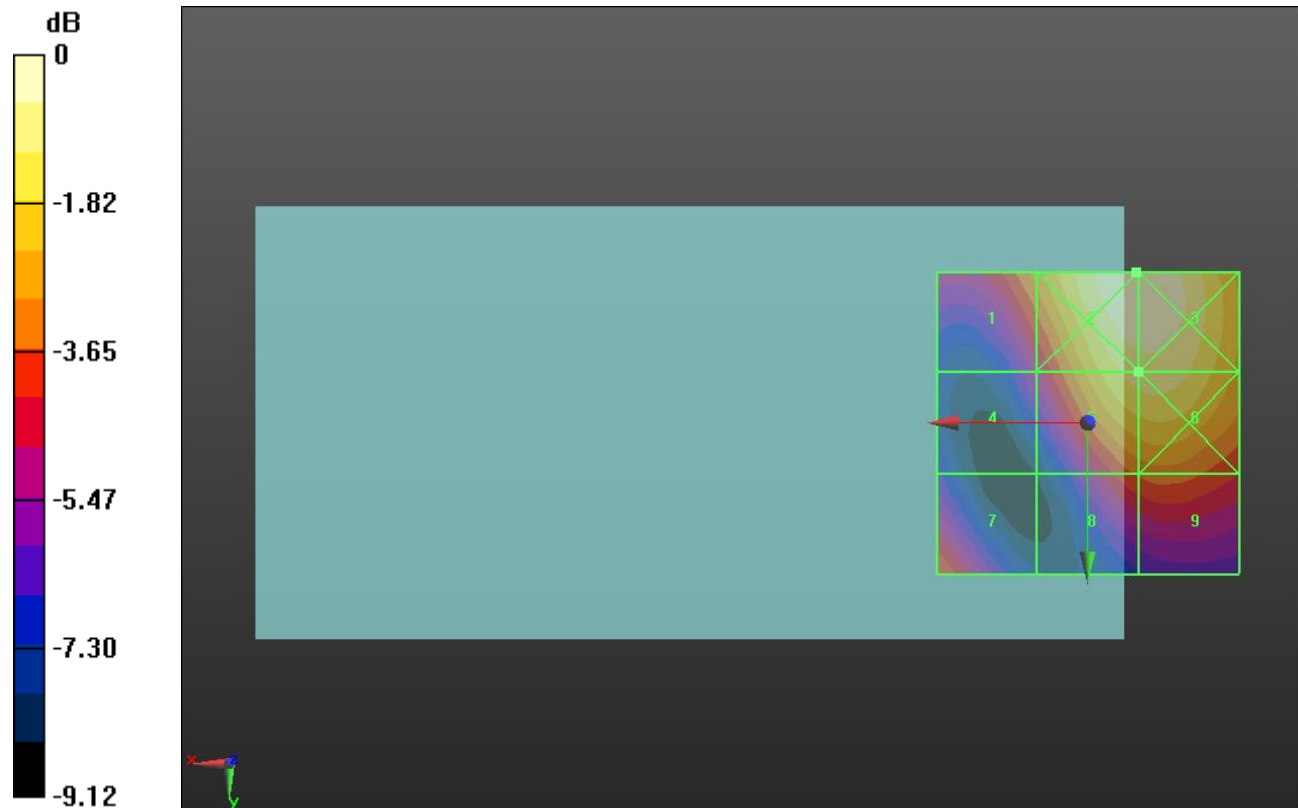
Applied MIF = 3.63 dB

RF audio interference level = 31.36 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.58 dBV/m	Grid 2 M3 32.29 dBV/m	Grid 3 M3 32.28 dBV/m
Grid 4 M4 27.14 dBV/m	Grid 5 M3 31.36 dBV/m	Grid 6 M3 31.44 dBV/m
Grid 7 M4 28.68 dBV/m	Grid 8 M4 28.75 dBV/m	Grid 9 M4 28.99 dBV/m



0 dB = 41.15 V/m = 32.29 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 22.49 V/m; Power Drift = -0.08 dB

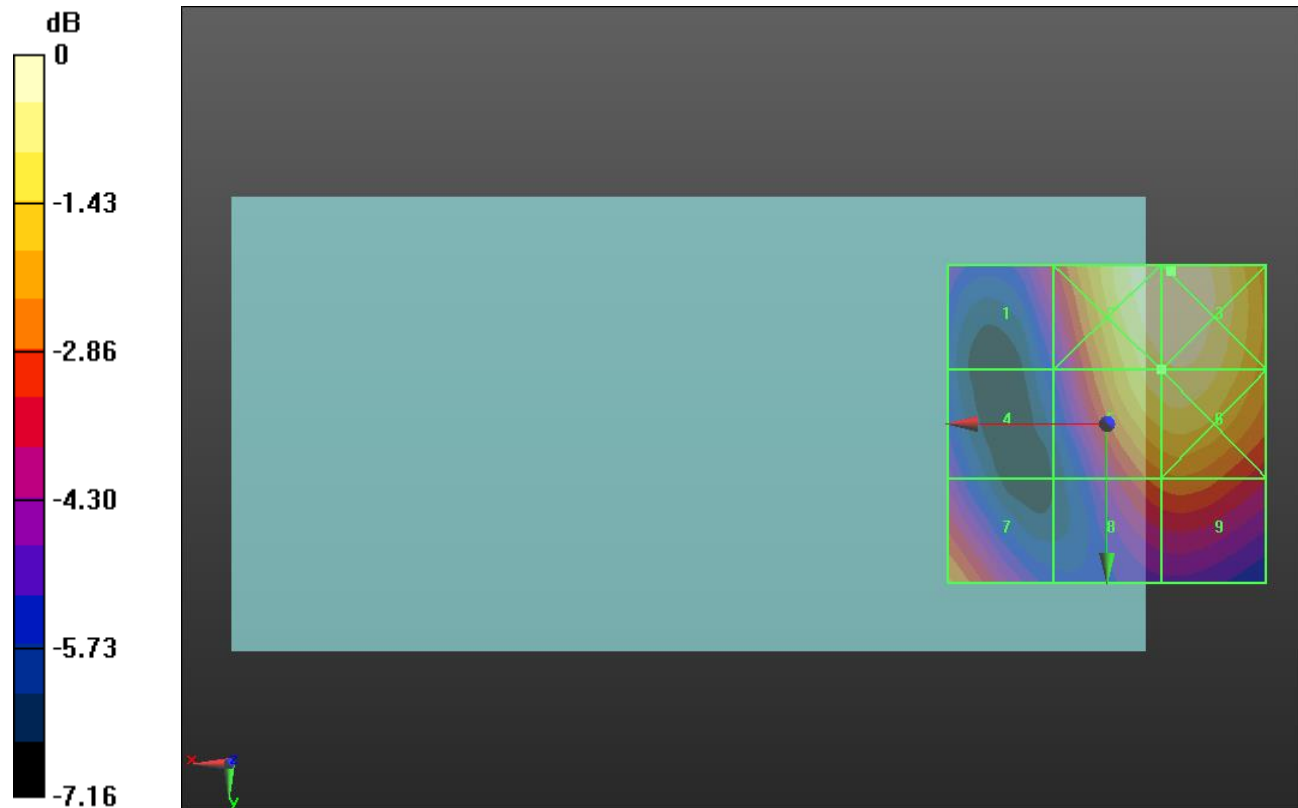
Applied MIF = 3.63 dB

RF audio interference level = 31.00 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.07 dBV/m	Grid 2 M3 31.58 dBV/m	Grid 3 M3 31.6 dBV/m
Grid 4 M4 27.13 dBV/m	Grid 5 M3 31 dBV/m	Grid 6 M3 31.1 dBV/m
Grid 7 M4 29.37 dBV/m	Grid 8 M4 29.03 dBV/m	Grid 9 M4 29.18 dBV/m



0 dB = 38.02 V/m = 31.60 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 21.97 V/m; Power Drift = -0.09 dB

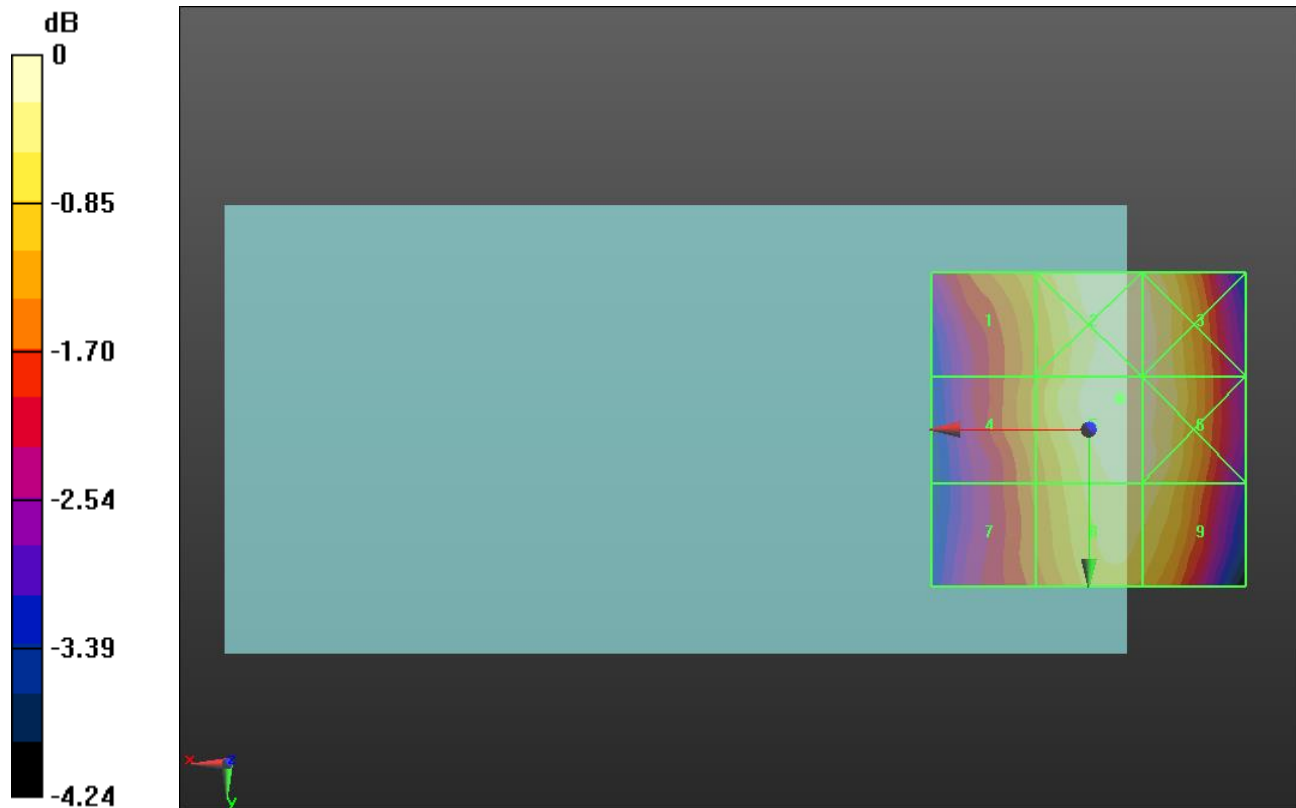
Applied MIF = 3.26 dB

RF audio interference level = 28.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.26 dBV/m	Grid 2 M4 28.07 dBV/m	Grid 3 M4 27.98 dBV/m
Grid 4 M4 27.07 dBV/m	Grid 5 M4 28.1 dBV/m	Grid 6 M4 27.98 dBV/m
Grid 7 M4 26.78 dBV/m	Grid 8 M4 27.84 dBV/m	Grid 9 M4 27.79 dBV/m



0 dB = 25.41 V/m = 28.10 dBV/m

HAC-RF Emission LAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.60 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 21.73 V/m; Power Drift = -0.03 dB

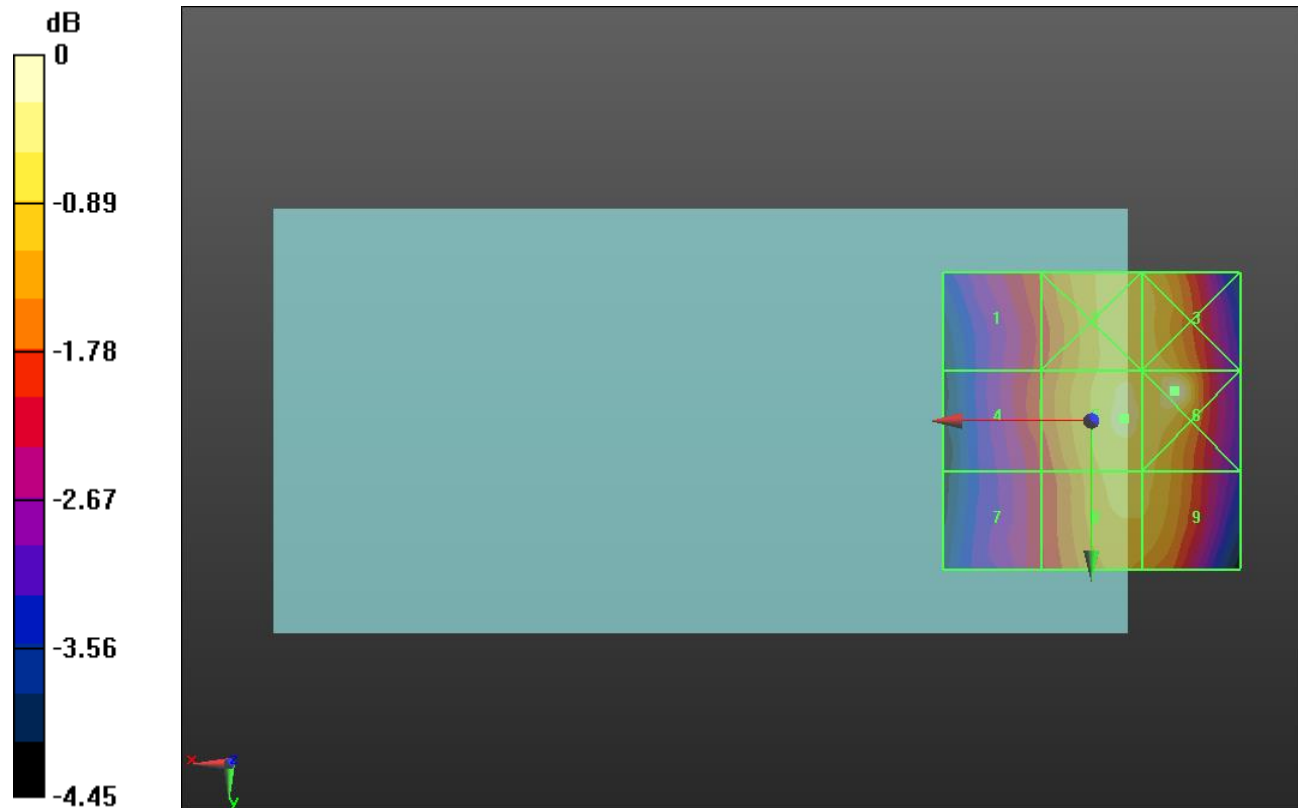
Applied MIF = 3.26 dB

RF audio interference level = 28.17 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.93 dBV/m	Grid 2 M4 28.01 dBV/m	Grid 3 M4 28.01 dBV/m
Grid 4 M4 26.92 dBV/m	Grid 5 M4 28.17 dBV/m	Grid 6 M4 28.65 dBV/m
Grid 7 M4 26.62 dBV/m	Grid 8 M4 27.92 dBV/m	Grid 9 M4 27.9 dBV/m



0 dB = 27.09 V/m = 28.66 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 20.47 V/m; Power Drift = -0.03 dB

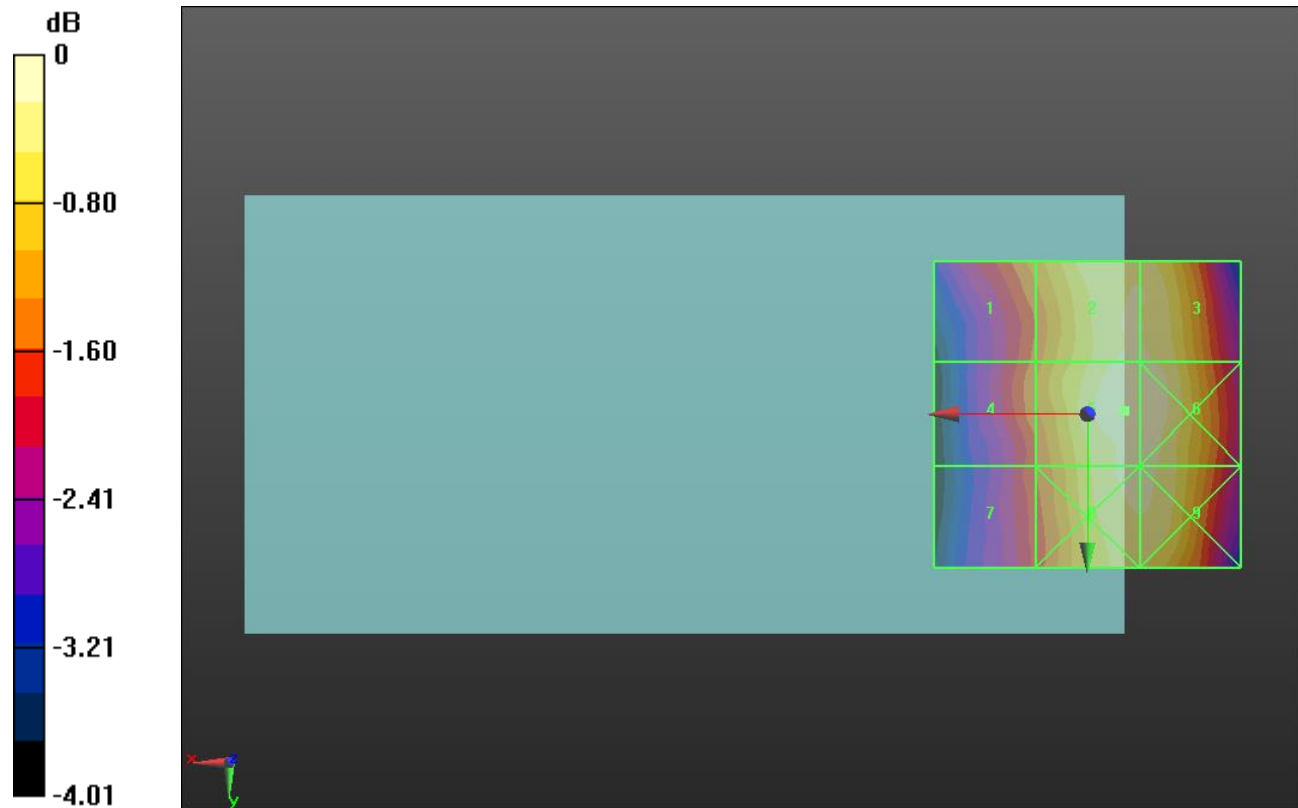
Applied MIF = 3.26 dB

RF audio interference level = 27.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.58 dBV/m	Grid 2 M4 27.57 dBV/m	Grid 3 M4 27.57 dBV/m
Grid 4 M4 26.41 dBV/m	Grid 5 M4 27.75 dBV/m	Grid 6 M4 27.74 dBV/m
Grid 7 M4 26.15 dBV/m	Grid 8 M4 27.58 dBV/m	Grid 9 M4 27.58 dBV/m



0 dB = 24.41 V/m = 27.75 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 13.11 V/m; Power Drift = -0.12 dB

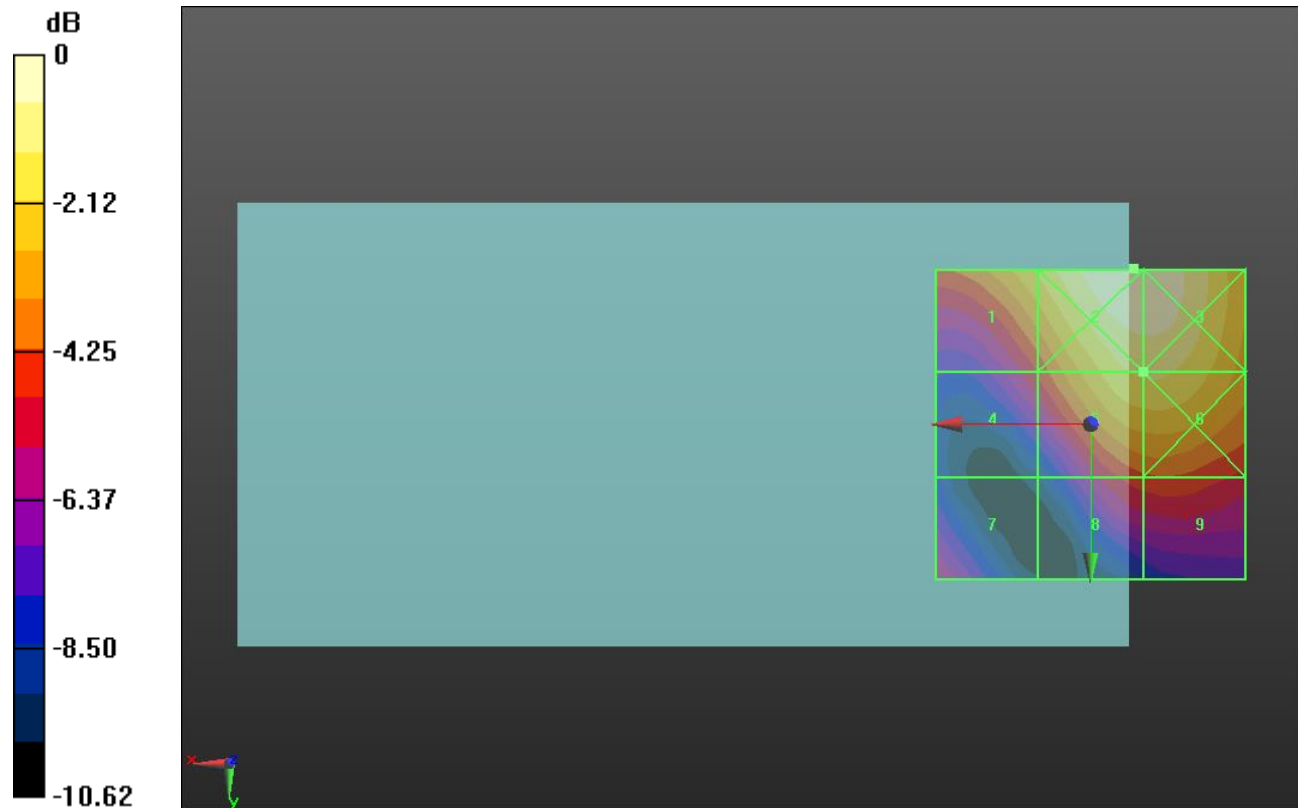
Applied MIF = 3.26 dB

RF audio interference level = 26.29 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.64 dBV/m	Grid 2 M4 27.59 dBV/m	Grid 3 M4 27.56 dBV/m
Grid 4 M4 22.77 dBV/m	Grid 5 M4 26.29 dBV/m	Grid 6 M4 26.3 dBV/m
Grid 7 M4 22.11 dBV/m	Grid 8 M4 23.18 dBV/m	Grid 9 M4 23.33 dBV/m



0 dB = 23.96 V/m = 27.59 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 13.14 V/m; Power Drift = 0.04 dB

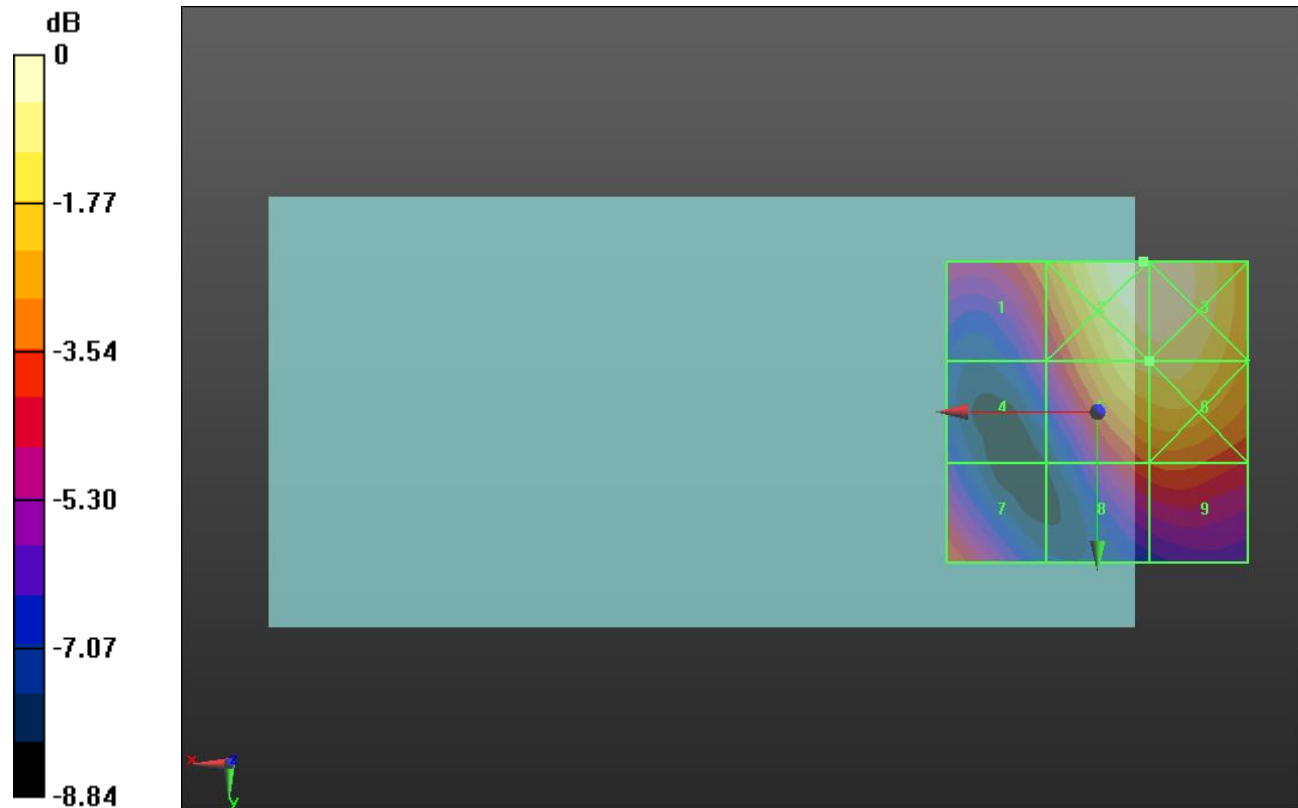
Applied MIF = 3.26 dB

RF audio interference level = 26.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.51 dBV/m	Grid 2 M4 27.32 dBV/m	Grid 3 M4 27.31 dBV/m
Grid 4 M4 22.17 dBV/m	Grid 5 M4 26.4 dBV/m	Grid 6 M4 26.46 dBV/m
Grid 7 M4 23.81 dBV/m	Grid 8 M4 23.8 dBV/m	Grid 9 M4 24.03 dBV/m



0 dB = 23.23 V/m = 27.32 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 12.76 V/m; Power Drift = -0.12 dB

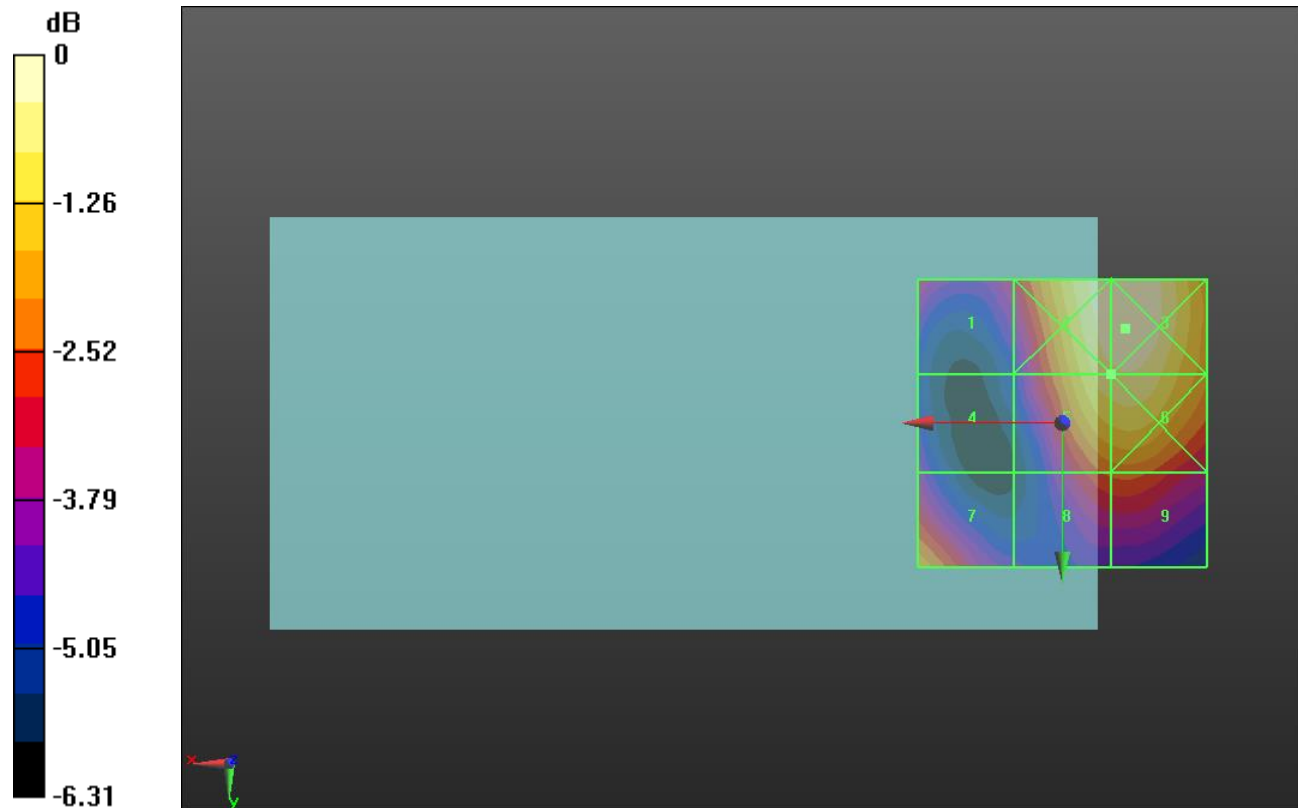
Applied MIF = 3.26 dB

RF audio interference level = 25.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 26.06 dBV/m	Grid 3 M4 26.12 dBV/m
Grid 4 M4 22.23 dBV/m	Grid 5 M4 25.59 dBV/m	Grid 6 M4 25.68 dBV/m
Grid 7 M4 24.39 dBV/m	Grid 8 M4 23.75 dBV/m	Grid 9 M4 23.82 dBV/m



0 dB = 20.24 V/m = 26.12 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 16.24 V/m; Power Drift = -0.06 dB

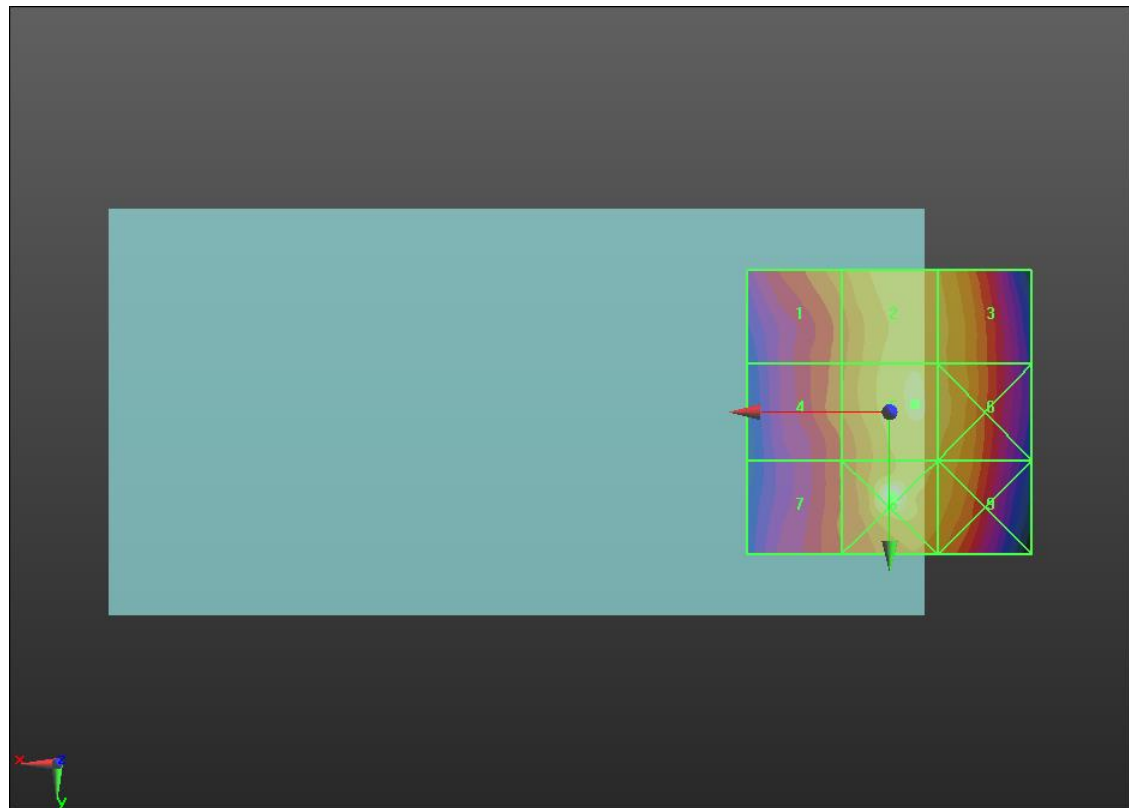
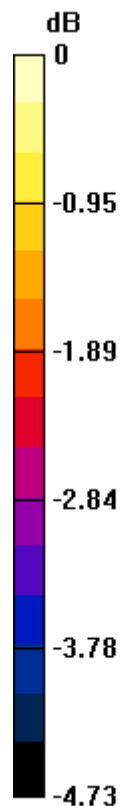
Applied MIF = 3.26 dB

RF audio interference level = 27.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.83 dBV/m	Grid 2 M4 27.52 dBV/m	Grid 3 M4 27.35 dBV/m
Grid 4 M4 26.6 dBV/m	Grid 5 M4 27.57 dBV/m	Grid 6 M4 27.42 dBV/m
Grid 7 M4 26.32 dBV/m	Grid 8 M4 28.16 dBV/m	Grid 9 M4 27.2 dBV/m



0 dB = 25.58 V/m = 28.16 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 21.45 V/m; Power Drift = -0.02 dB

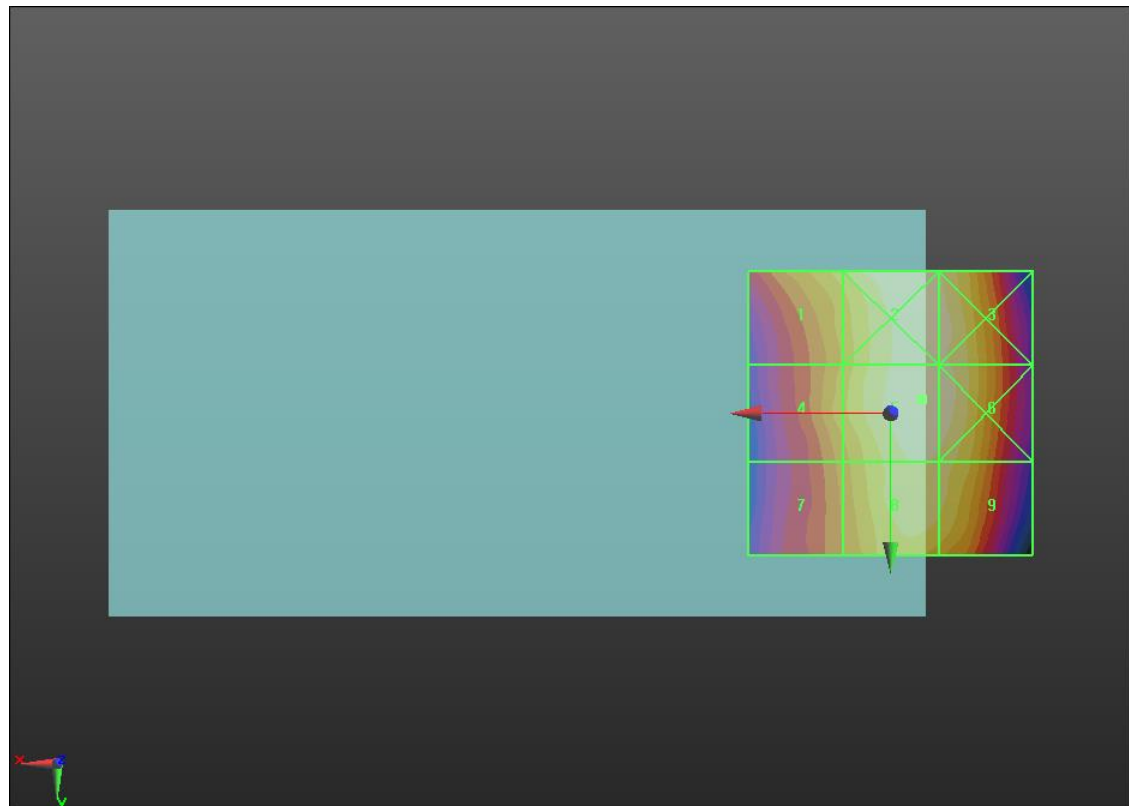
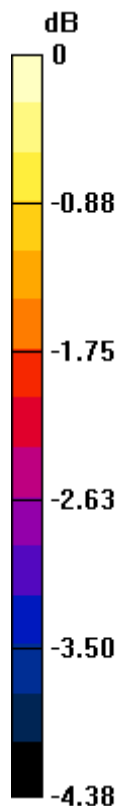
Applied MIF = 3.26 dB

RF audio interference level = 27.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.21 dBV/m	Grid 2 M4 27.85 dBV/m	Grid 3 M4 27.77 dBV/m
Grid 4 M4 26.92 dBV/m	Grid 5 M4 27.87 dBV/m	Grid 6 M4 27.83 dBV/m
Grid 7 M4 26.57 dBV/m	Grid 8 M4 27.59 dBV/m	Grid 9 M4 27.5 dBV/m



0 dB = 24.76 V/m = 27.88 dBV/m

HAC-RF Emission LAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 822.8 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 22.03 V/m; Power Drift = -0.08 dB

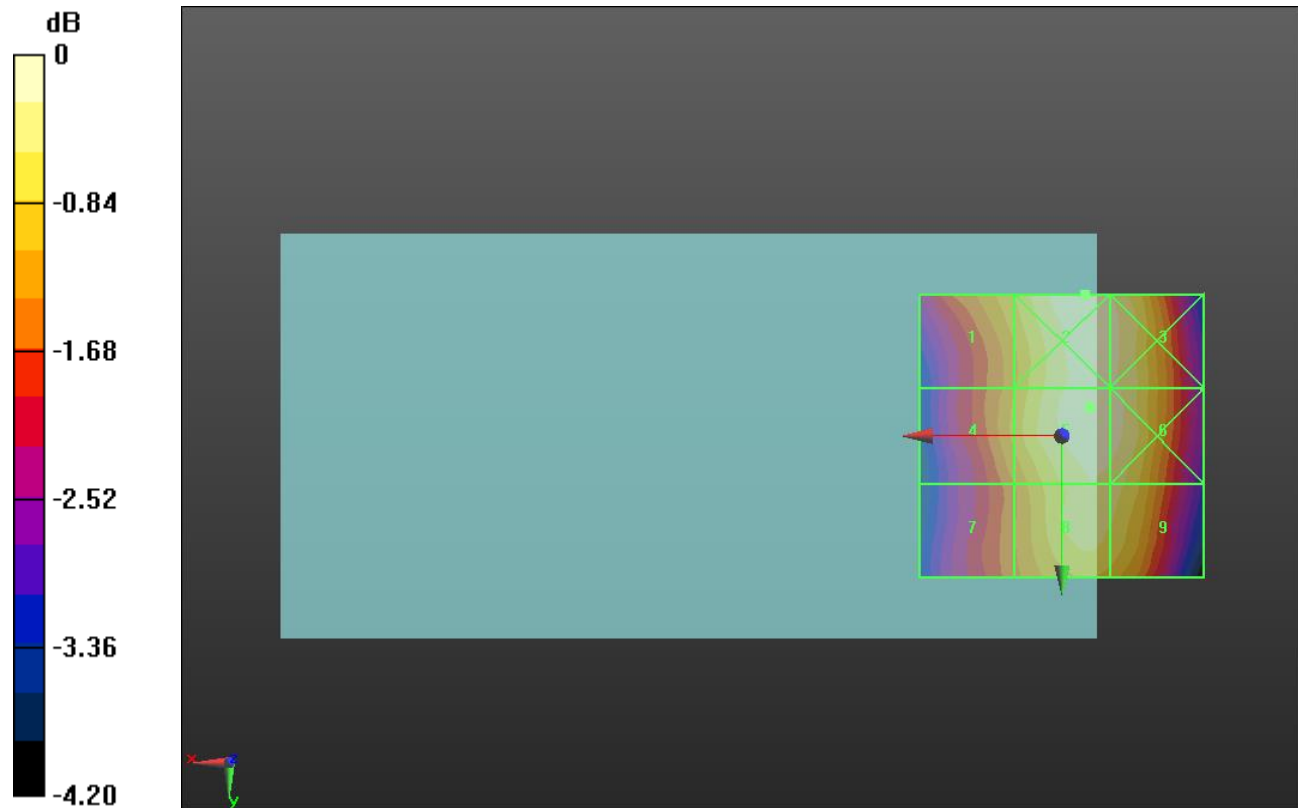
Applied MIF = 3.26 dB

RF audio interference level = 28.11 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.29 dBV/m	Grid 2 M4 28.12 dBV/m	Grid 3 M4 27.96 dBV/m
Grid 4 M4 27.09 dBV/m	Grid 5 M4 28.11 dBV/m	Grid 6 M4 28.02 dBV/m
Grid 7 M4 26.7 dBV/m	Grid 8 M4 27.84 dBV/m	Grid 9 M4 27.74 dBV/m



0 dB = 25.46 V/m = 28.12 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_ch 39750/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.90 V/m; Power Drift = 0.06 dB

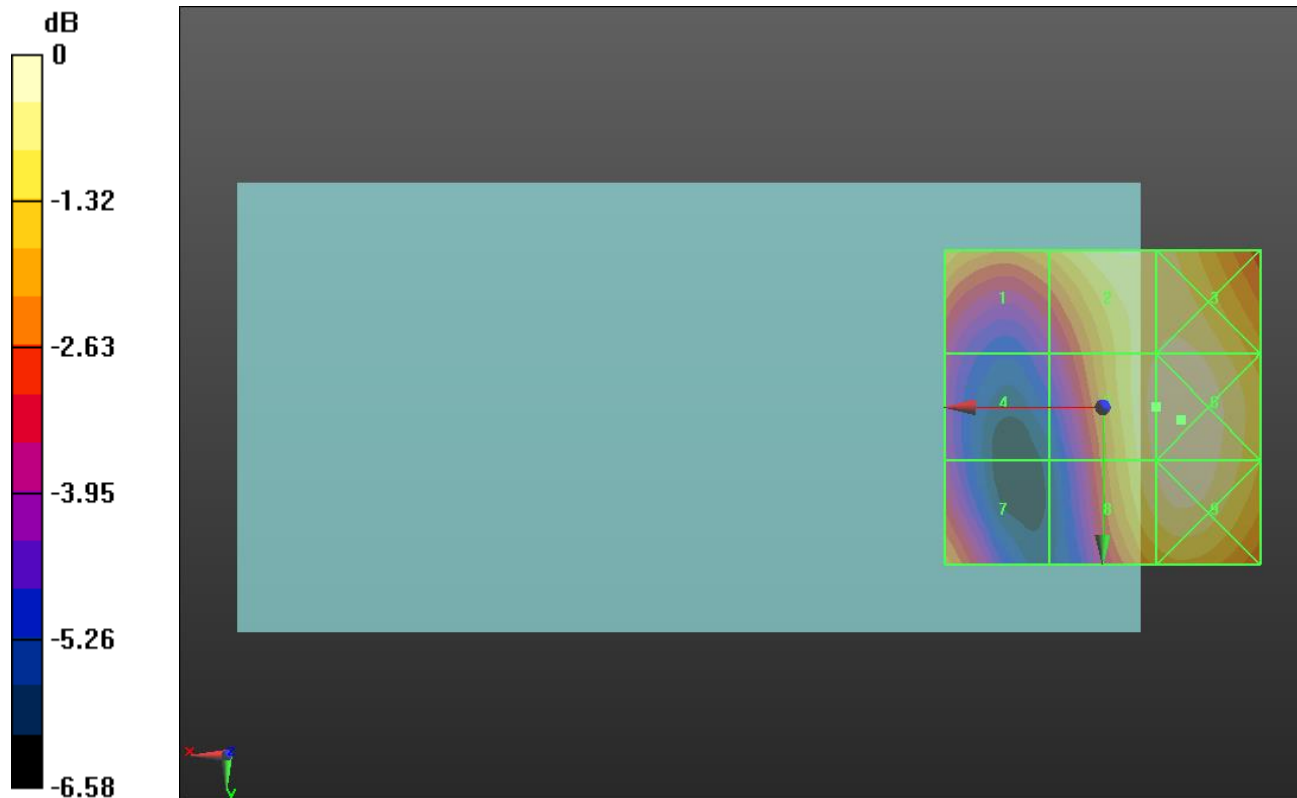
Applied MIF = -1.44 dB

RF audio interference level = 24.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.88 dBV/m	Grid 2 M4 24.8 dBV/m	Grid 3 M4 24.88 dBV/m
Grid 4 M4 21.66 dBV/m	Grid 5 M4 24.94 dBV/m	Grid 6 M4 25.19 dBV/m
Grid 7 M4 23.23 dBV/m	Grid 8 M4 24.82 dBV/m	Grid 9 M4 25.11 dBV/m



0 dB = 18.17 V/m = 25.19 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_ch 40185/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.65 V/m; Power Drift = 0.02 dB

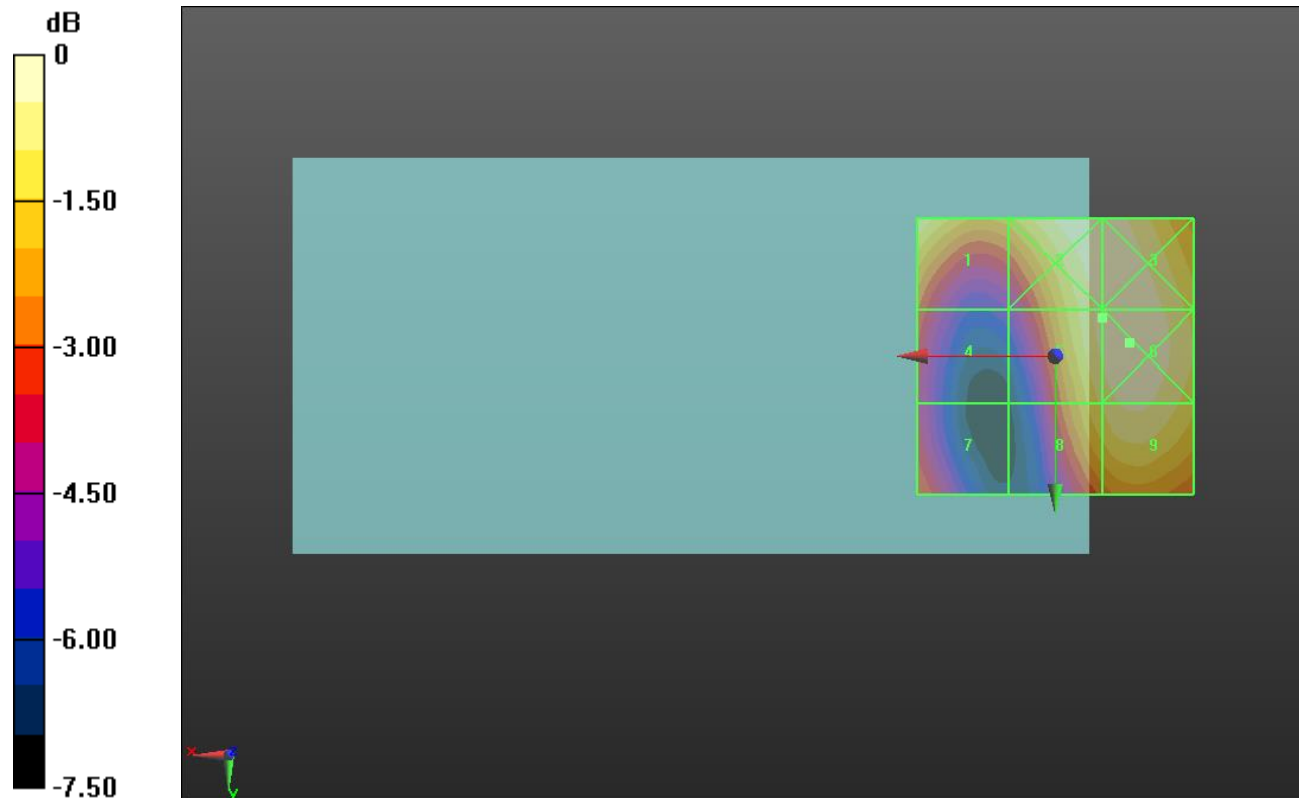
Applied MIF = -1.44 dB

RF audio interference level = 24.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.83 dBV/m	Grid 2 M4 25.11 dBV/m	Grid 3 M4 25.13 dBV/m
Grid 4 M4 22.35 dBV/m	Grid 5 M4 24.9 dBV/m	Grid 6 M4 25.21 dBV/m
Grid 7 M4 22.31 dBV/m	Grid 8 M4 24.31 dBV/m	Grid 9 M4 24.81 dBV/m



0 dB = 18.21 V/m = 25.21 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_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 = 18.54 V/m; Power Drift = 0.01 dB

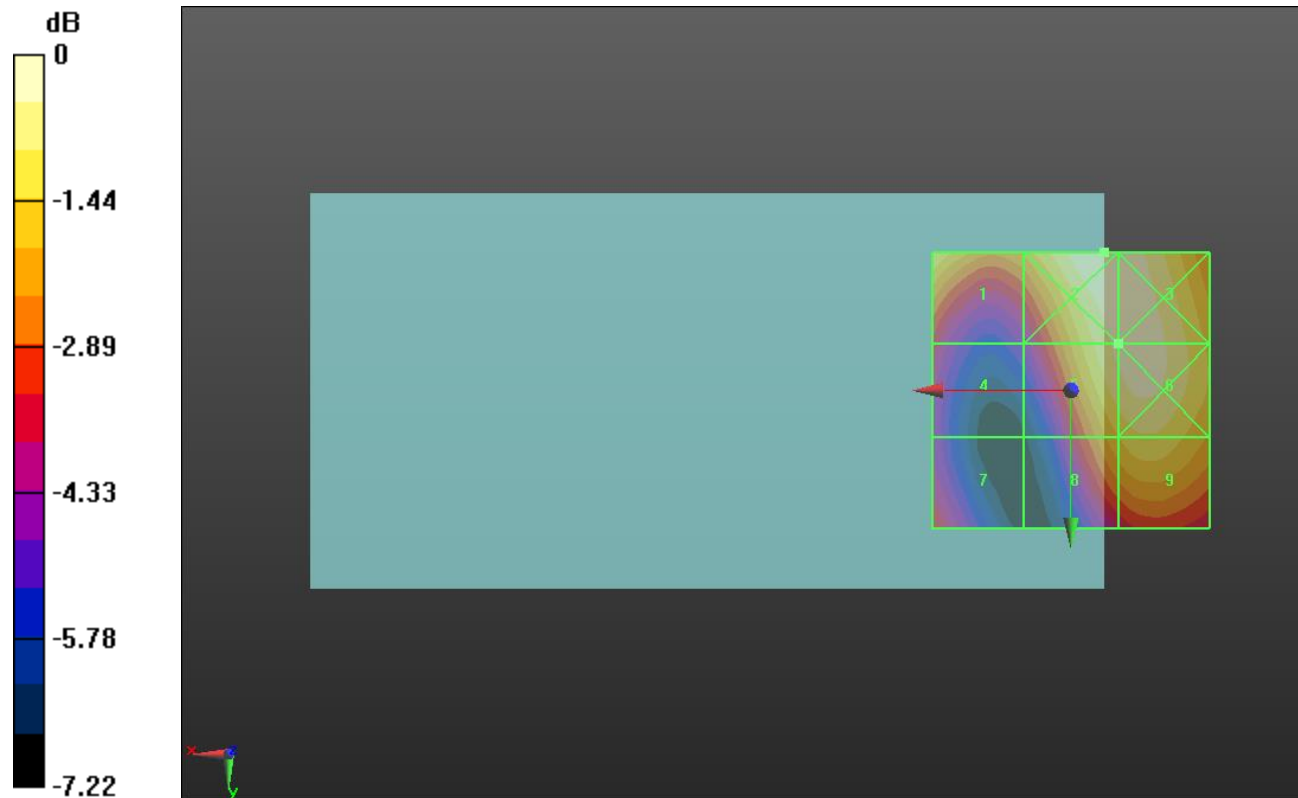
Applied MIF = -1.44 dB

RF audio interference level = 24.84 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.44 dBV/m	Grid 2 M4 25.2 dBV/m	Grid 3 M4 25.12 dBV/m
Grid 4 M4 21.74 dBV/m	Grid 5 M4 24.84 dBV/m	Grid 6 M4 24.99 dBV/m
Grid 7 M4 21.84 dBV/m	Grid 8 M4 23.73 dBV/m	Grid 9 M4 24.18 dBV/m



0 dB = 18.19 V/m = 25.20 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_ch 41055/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.07 V/m; Power Drift = -0.00 dB

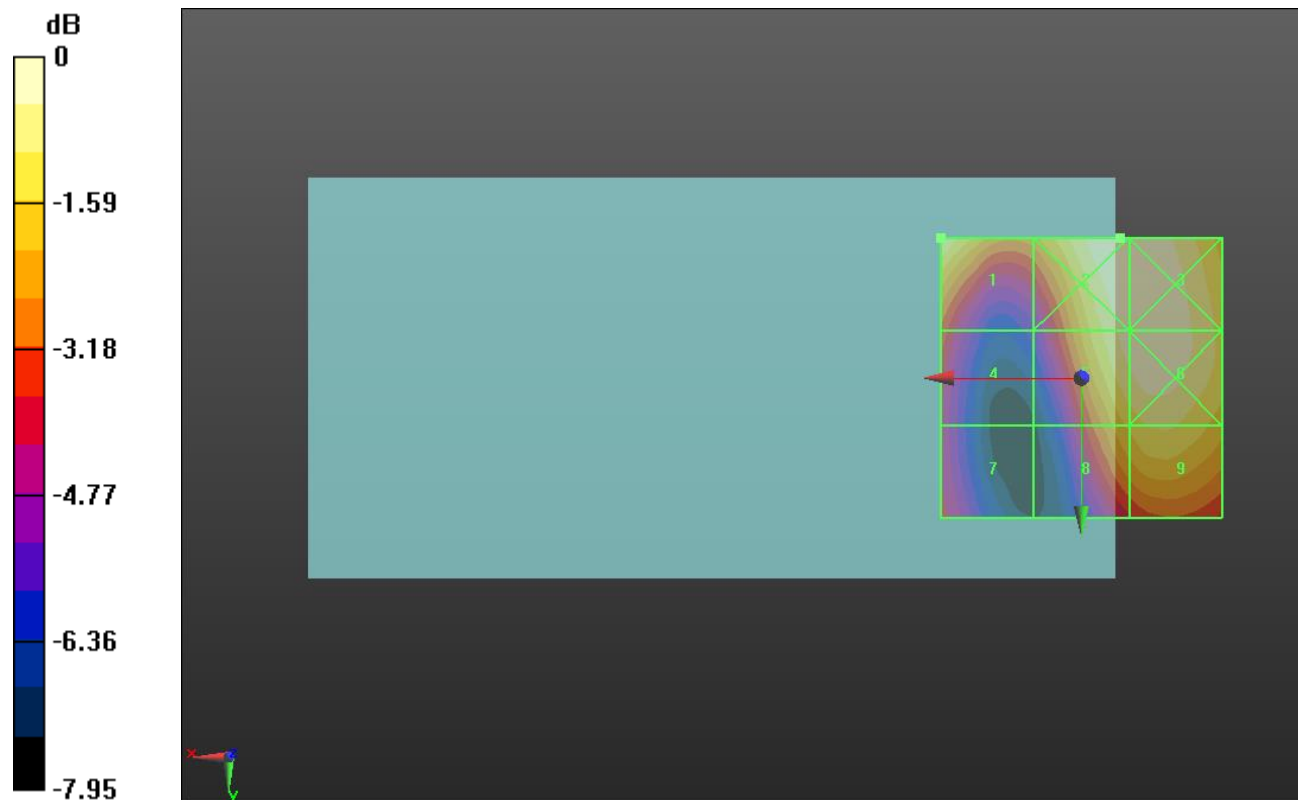
Applied MIF = -1.44 dB

RF audio interference level = 24.12 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.12 dBV/m	Grid 2 M4 24.39 dBV/m	Grid 3 M4 24.38 dBV/m
Grid 4 M4 21.17 dBV/m	Grid 5 M4 24.12 dBV/m	Grid 6 M4 24.33 dBV/m
Grid 7 M4 20.43 dBV/m	Grid 8 M4 22.92 dBV/m	Grid 9 M4 23.4 dBV/m



0 dB = 16.57 V/m = 24.39 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

LTE Band 41 E-Field measurement/LTE TDD_16QAM_RB 1/50_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 = 16.39 V/m; Power Drift = -0.01 dB

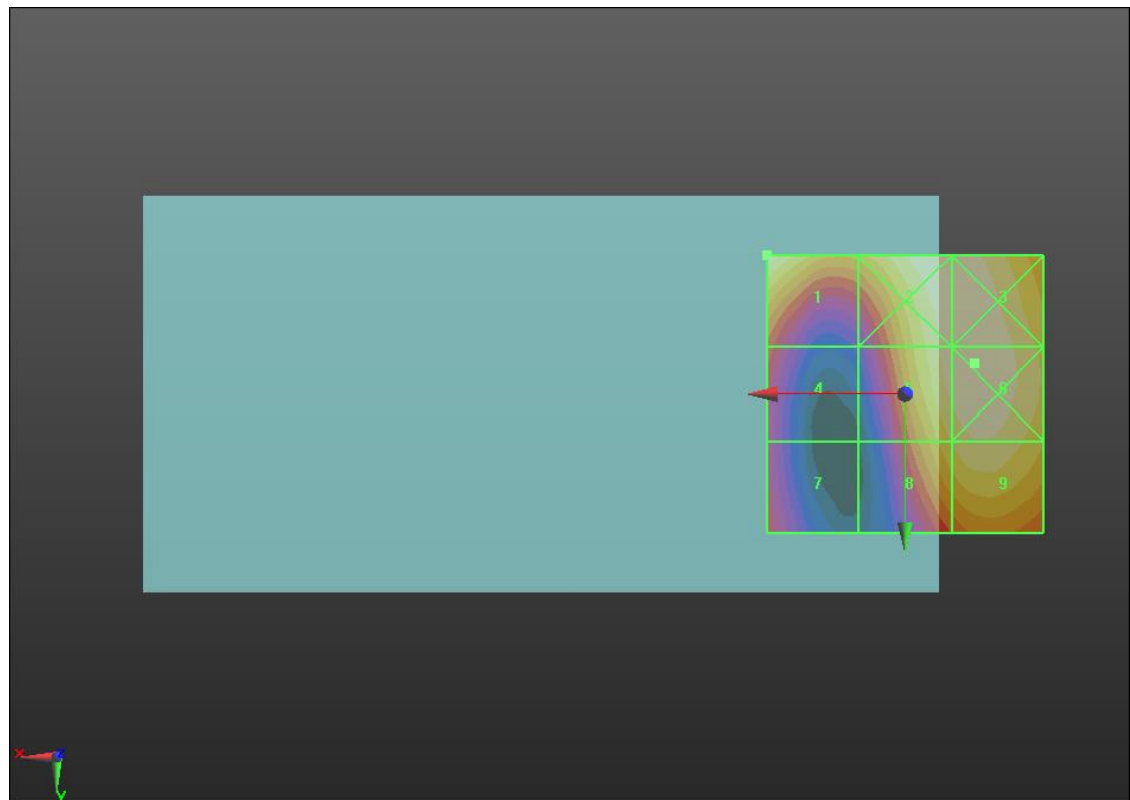
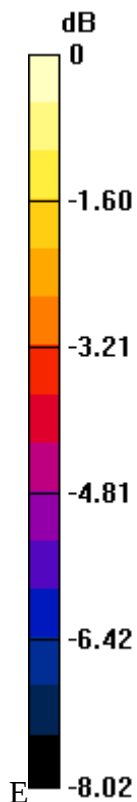
Applied MIF = -1.44 dB

RF audio interference level = 23.85 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.85 dBV/m	Grid 2 M4 23.83 dBV/m	Grid 3 M4 23.88 dBV/m
Grid 4 M4 20.66 dBV/m	Grid 5 M4 23.68 dBV/m	Grid 6 M4 23.93 dBV/m
Grid 7 M4 20.07 dBV/m	Grid 8 M4 22.89 dBV/m	Grid 9 M4 23.37 dBV/m



0 dB = 15.72 V/m = 23.93 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11b E-Field measurement/IEEE 802.11b_OFDM 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 = 15.20 V/m; Power Drift = -0.25 dB

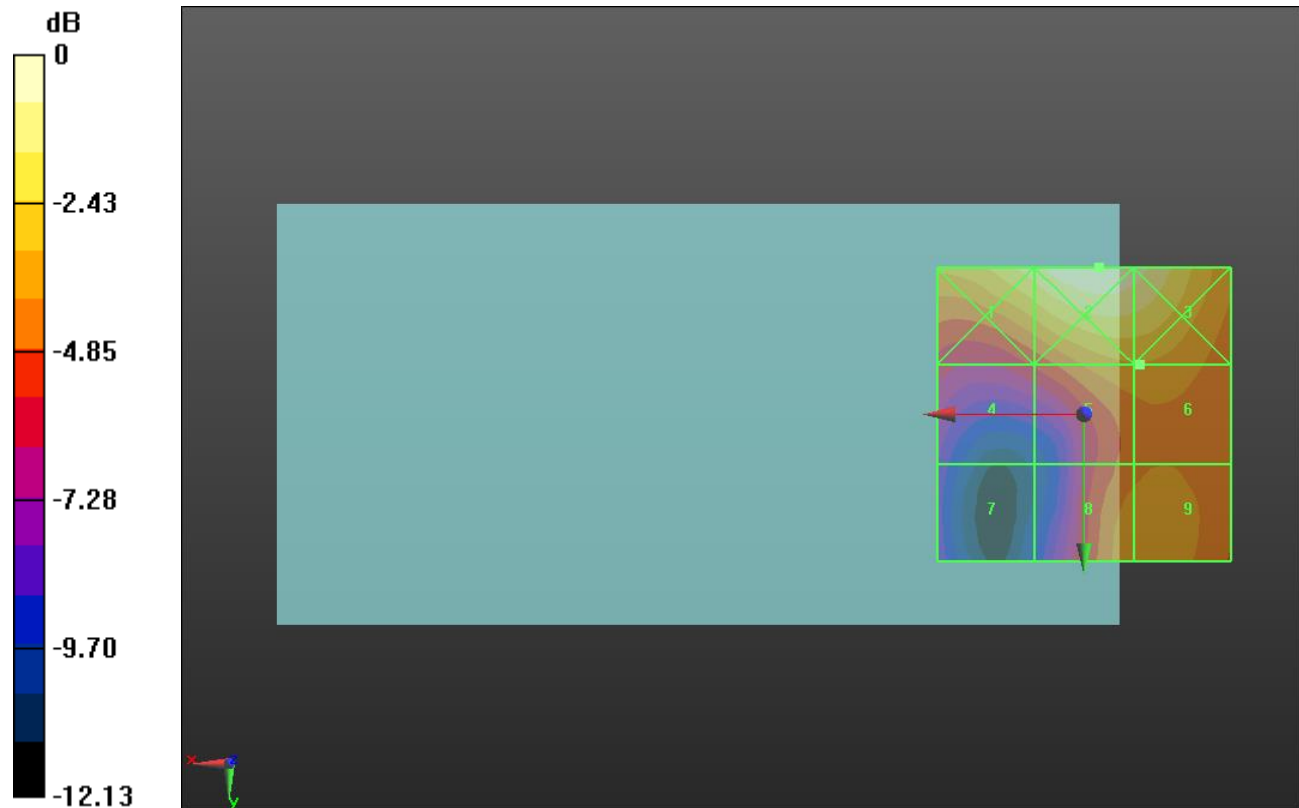
Applied MIF = -2.02 dB

RF audio interference level = 22.86 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 25.04 dBV/m	Grid 2 M4 26.14 dBV/m	Grid 3 M4 25.7 dBV/m
Grid 4 M4 20.65 dBV/m	Grid 5 M4 22.85 dBV/m	Grid 6 M4 22.86 dBV/m
Grid 7 M4 18.18 dBV/m	Grid 8 M4 22.68 dBV/m	Grid 9 M4 22.81 dBV/m



0 dB = 20.28 V/m = 26.14 dBV/m

HAC-RF Emission LAT

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: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11b E-Field measurement/IEEE 802.11b_OFDM 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 = 14.50 V/m; Power Drift = 0.32 dB

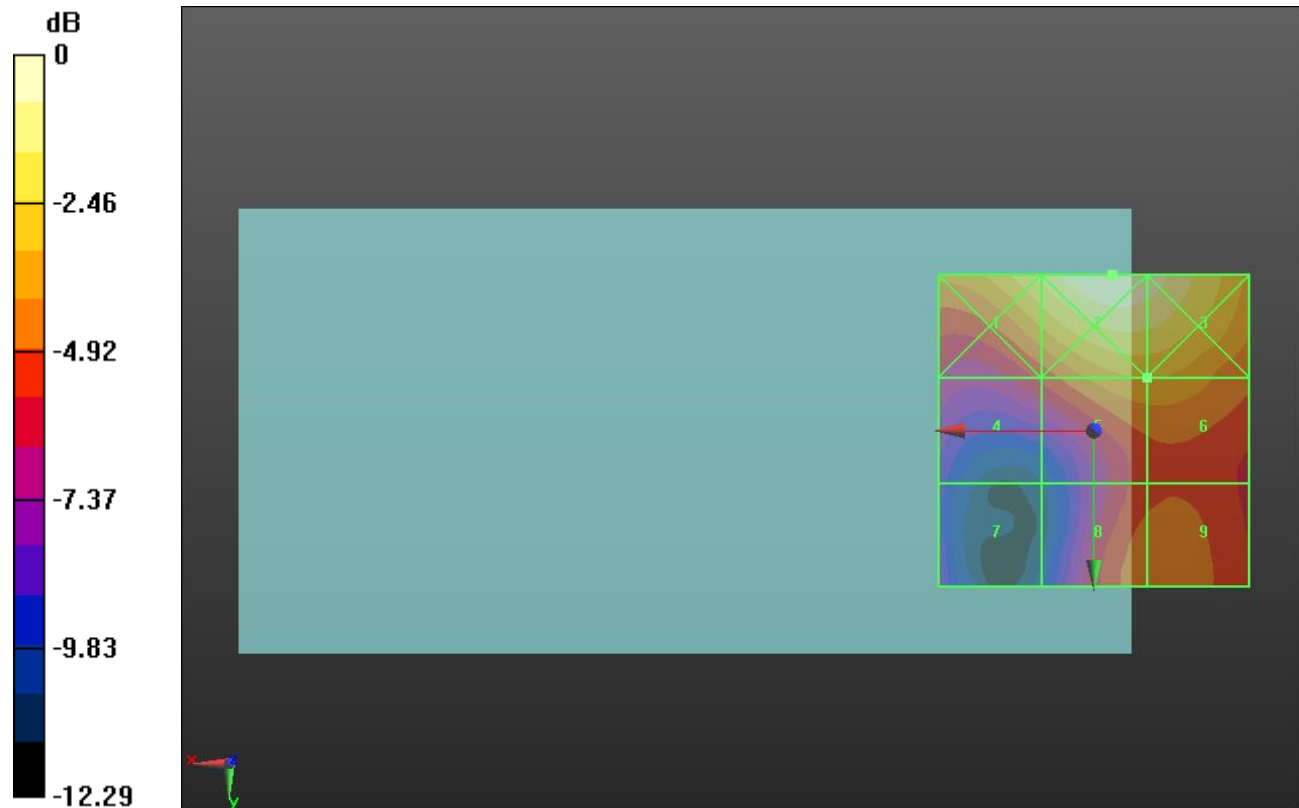
Applied MIF = -2.02 dB

RF audio interference level = 23.09 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.96 dBV/m	Grid 2 M4 26.32 dBV/m	Grid 3 M4 26 dBV/m
Grid 4 M4 20.83 dBV/m	Grid 5 M4 23.09 dBV/m	Grid 6 M4 23.09 dBV/m
Grid 7 M4 18.24 dBV/m	Grid 8 M4 22.04 dBV/m	Grid 9 M4 22.15 dBV/m



0 dB = 20.71 V/m = 26.32 dBV/m

HAC-RF Emission LAT

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2457 MHz; Duty Cycle: 1:2.29087

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/12/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps_ch 10/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.93 V/m; Power Drift = 0.16 dB

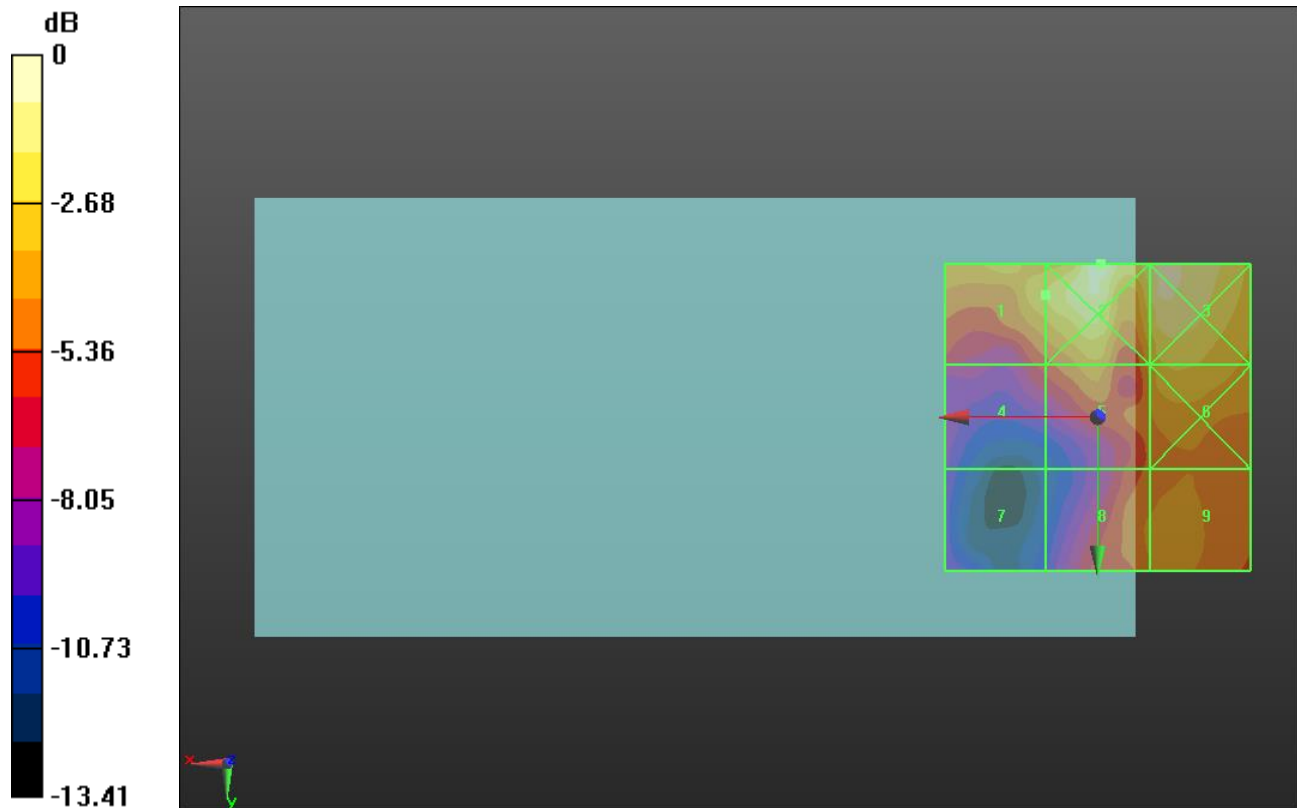
Applied MIF = -2.02 dB

RF audio interference level = 23.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.39 dBV/m	Grid 2 M4 26.03 dBV/m	Grid 3 M4 25.74 dBV/m
Grid 4 M4 20.3 dBV/m	Grid 5 M4 22.16 dBV/m	Grid 6 M4 23.51 dBV/m
Grid 7 M4 17.35 dBV/m	Grid 8 M4 21.74 dBV/m	Grid 9 M4 22.08 dBV/m



0 dB = 20.03 V/m = 26.03 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 6.500 V/m; Power Drift = -0.19 dB

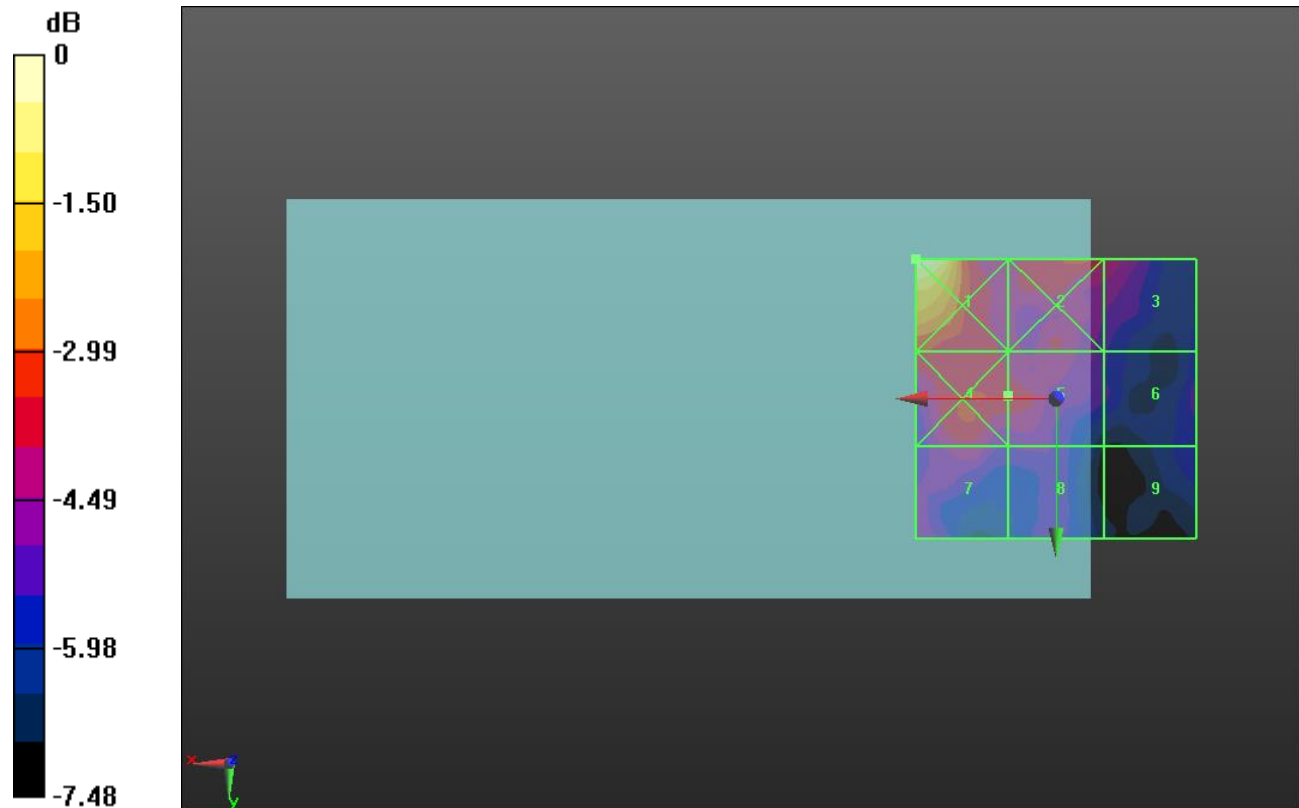
Applied MIF = -3.15 dB

RF audio interference level = 11.78 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.42 dBV/m	Grid 2 M4 12.21 dBV/m	Grid 3 M4 11.65 dBV/m
Grid 4 M4 12 dBV/m	Grid 5 M4 11.78 dBV/m	Grid 6 M4 10.3 dBV/m
Grid 7 M4 11.36 dBV/m	Grid 8 M4 10.56 dBV/m	Grid 9 M4 9.94 dBV/m



0 dB = 5.905 V/m = 15.42 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 7.186 V/m; Power Drift = -0.39 dB

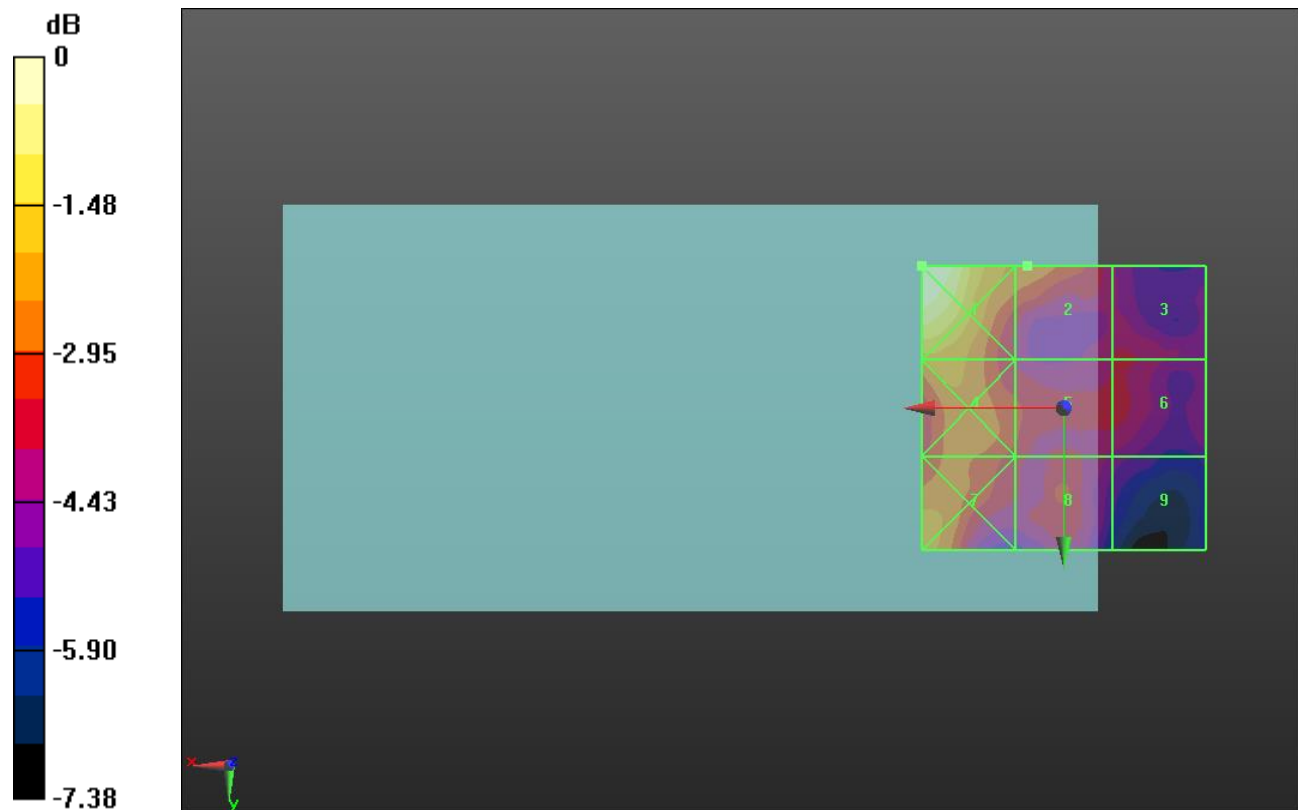
Applied MIF = -3.15 dB

RF audio interference level = 12.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.67 dBV/m	Grid 2 M4 12.23 dBV/m	Grid 3 M4 10.81 dBV/m
Grid 4 M4 12.52 dBV/m	Grid 5 M4 11.38 dBV/m	Grid 6 M4 11 dBV/m
Grid 7 M4 12.49 dBV/m	Grid 8 M4 11.35 dBV/m	Grid 9 M4 10.14 dBV/m



0 dB = 5.412 V/m = 14.67 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 6.493 V/m; Power Drift = 0.11 dB

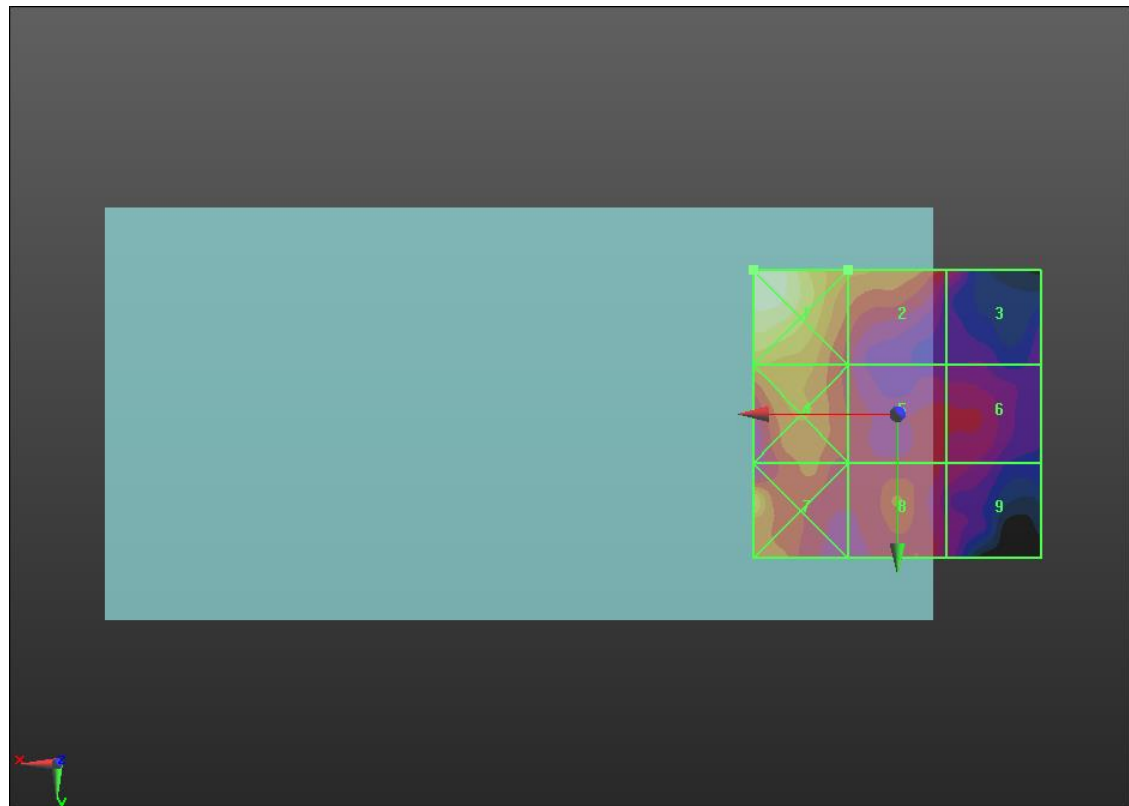
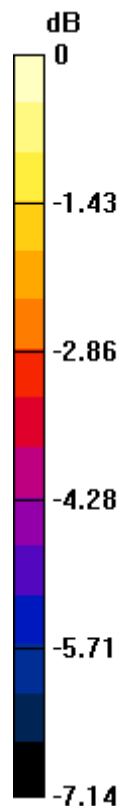
Applied MIF = -3.15 dB

RF audio interference level = 12.55 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.81 dBV/m	Grid 2 M4 12.55 dBV/m	Grid 3 M4 11.28 dBV/m
Grid 4 M4 12.86 dBV/m	Grid 5 M4 11.52 dBV/m	Grid 6 M4 11.13 dBV/m
Grid 7 M4 13.6 dBV/m	Grid 8 M4 12.02 dBV/m	Grid 9 M4 10.95 dBV/m



0 dB = 5.501 V/m = 14.81 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 5.205 V/m; Power Drift = -0.97 dB

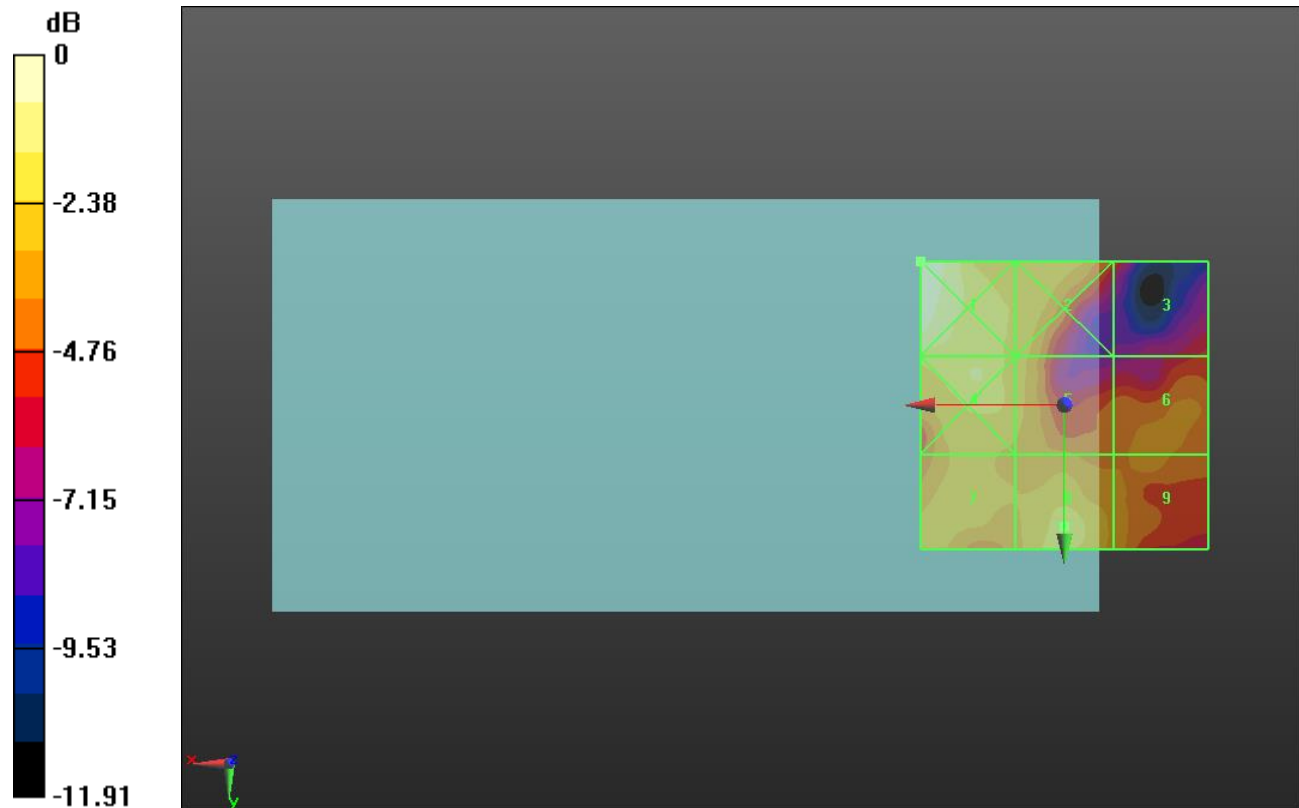
Applied MIF = -3.15 dB

RF audio interference level = 10.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.99 dBV/m	Grid 2 M4 10.54 dBV/m	Grid 3 M4 8.39 dBV/m
Grid 4 M4 11.5 dBV/m	Grid 5 M4 10.28 dBV/m	Grid 6 M4 9.41 dBV/m
Grid 7 M4 10.25 dBV/m	Grid 8 M4 10.93 dBV/m	Grid 9 M4 9.61 dBV/m



0 dB = 4.463 V/m = 12.99 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 5.568 V/m; Power Drift = -0.06 dB

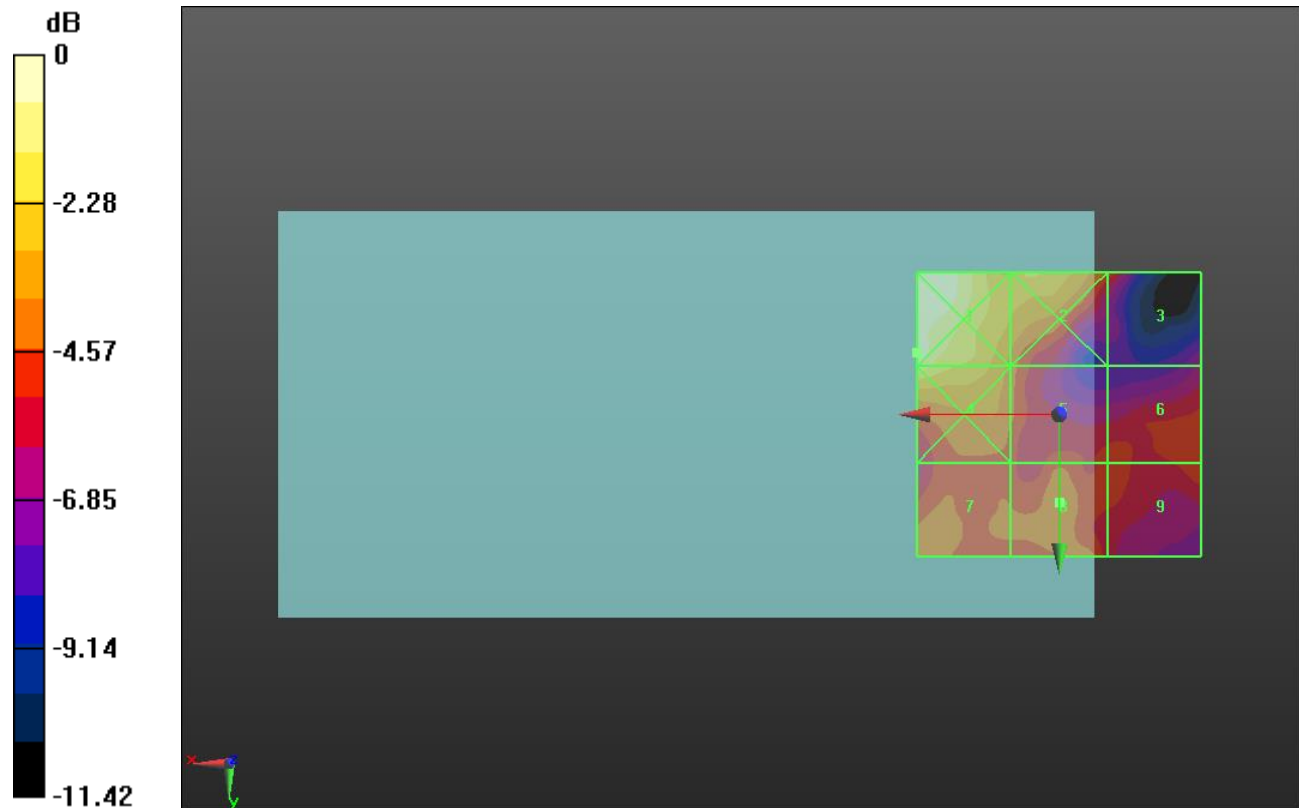
Applied MIF = -3.15 dB

RF audio interference level = 10.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 14.29 dBV/m	Grid 2 M4 12.19 dBV/m	Grid 3 M4 9.81 dBV/m
Grid 4 M4 13.49 dBV/m	Grid 5 M4 10.18 dBV/m	Grid 6 M4 9.52 dBV/m
Grid 7 M4 10.43 dBV/m	Grid 8 M4 10.48 dBV/m	Grid 9 M4 9.55 dBV/m



0 dB = 5.180 V/m = 14.29 dBV/m

HAC-RF Emission AA1602 LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 5.586 V/m; Power Drift = 0.15 dB

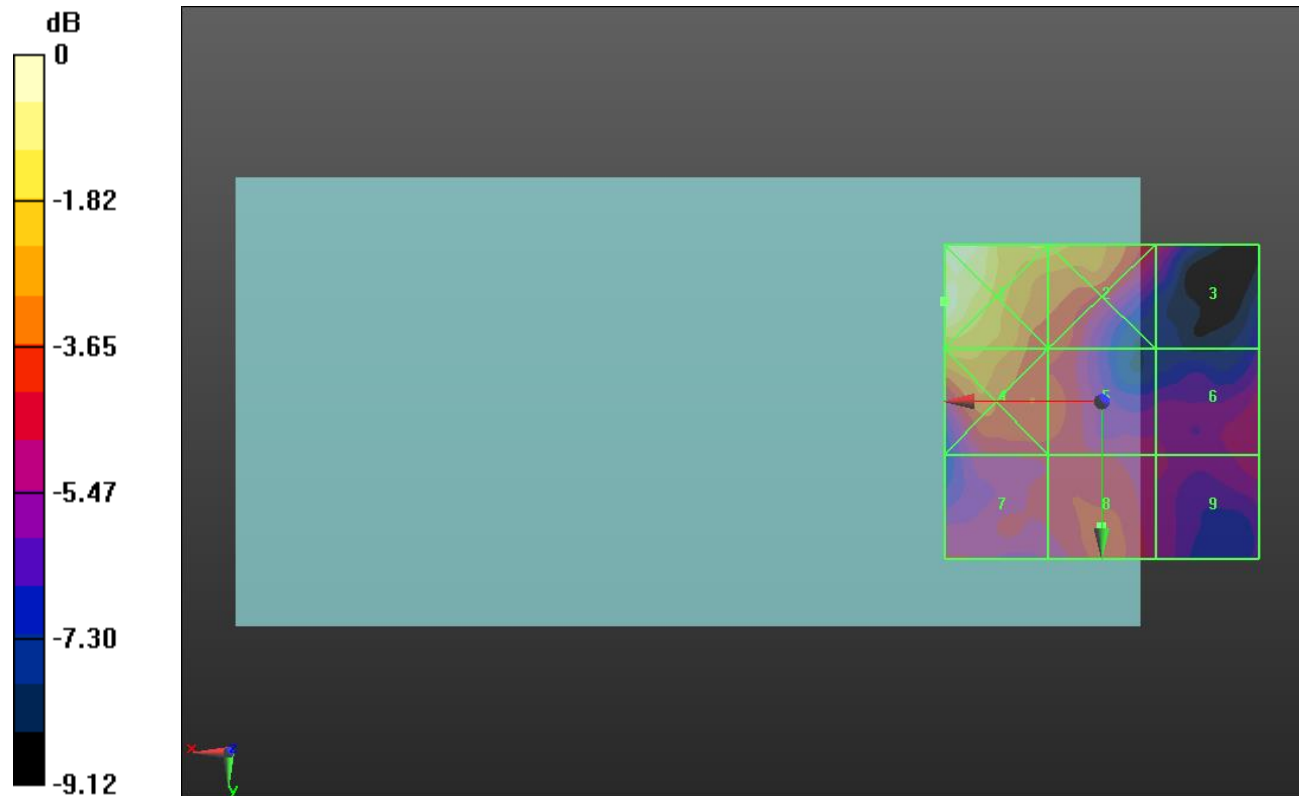
Applied MIF = -3.15 dB

RF audio interference level = 10.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.72 dBV/m	Grid 2 M4 12.95 dBV/m	Grid 3 M4 10.19 dBV/m
Grid 4 M4 12.55 dBV/m	Grid 5 M4 10.89 dBV/m	Grid 6 M4 9.85 dBV/m
Grid 7 M4 10.2 dBV/m	Grid 8 M4 10.97 dBV/m	Grid 9 M4 9.82 dBV/m



0 dB = 5.446 V/m = 14.72 dBV/m

HAC-RF Emission LAT

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5540 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 108/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.090 V/m; Power Drift = 0.06 dB

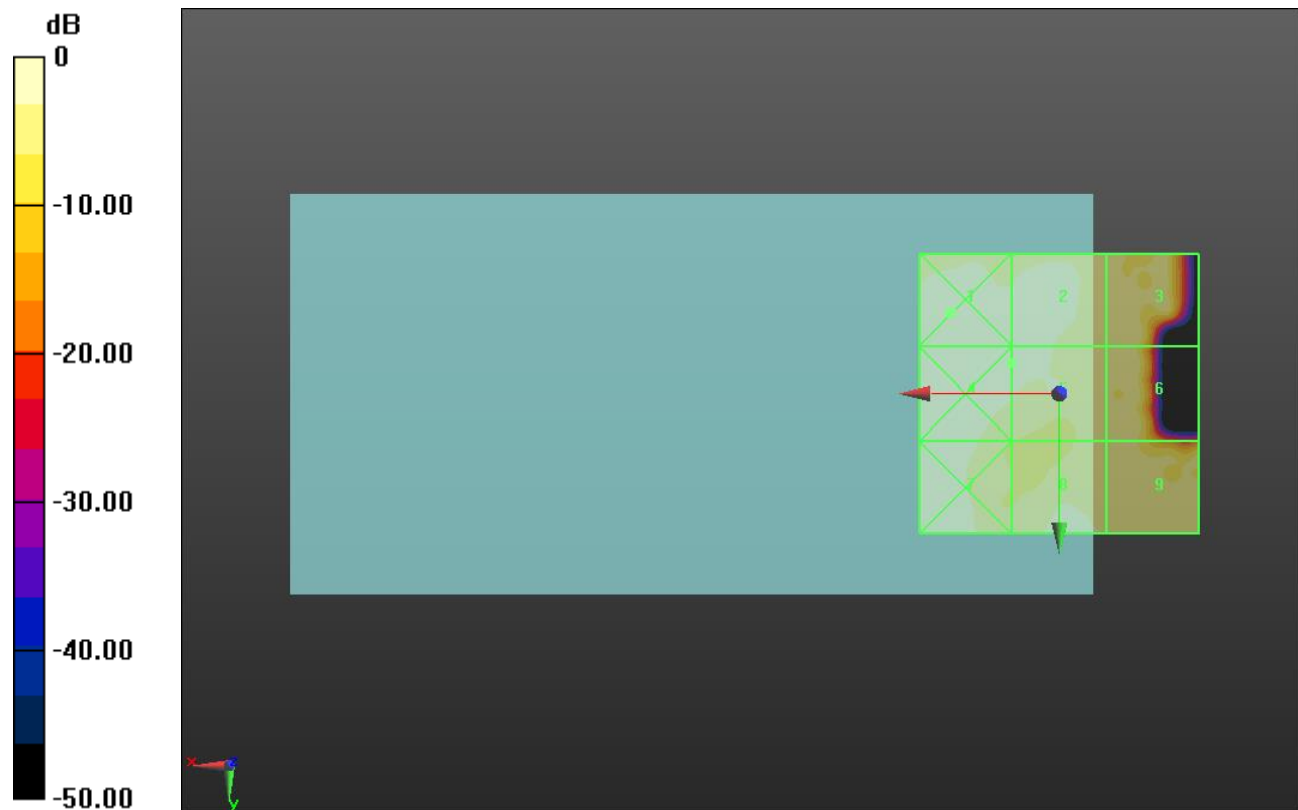
Applied MIF = -3.15 dB

RF audio interference level = 10.32 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.4 dBV/m	Grid 2 M4 9.39 dBV/m	Grid 3 M4 7.66 dBV/m
Grid 4 M4 10.96 dBV/m	Grid 5 M4 10.32 dBV/m	Grid 6 M4 7.64 dBV/m
Grid 7 M4 11.25 dBV/m	Grid 8 M4 8.71 dBV/m	Grid 9 M4 8.12 dBV/m



0 dB = 3.715 V/m = 11.40 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 5.643 V/m; Power Drift = -0.35 dB

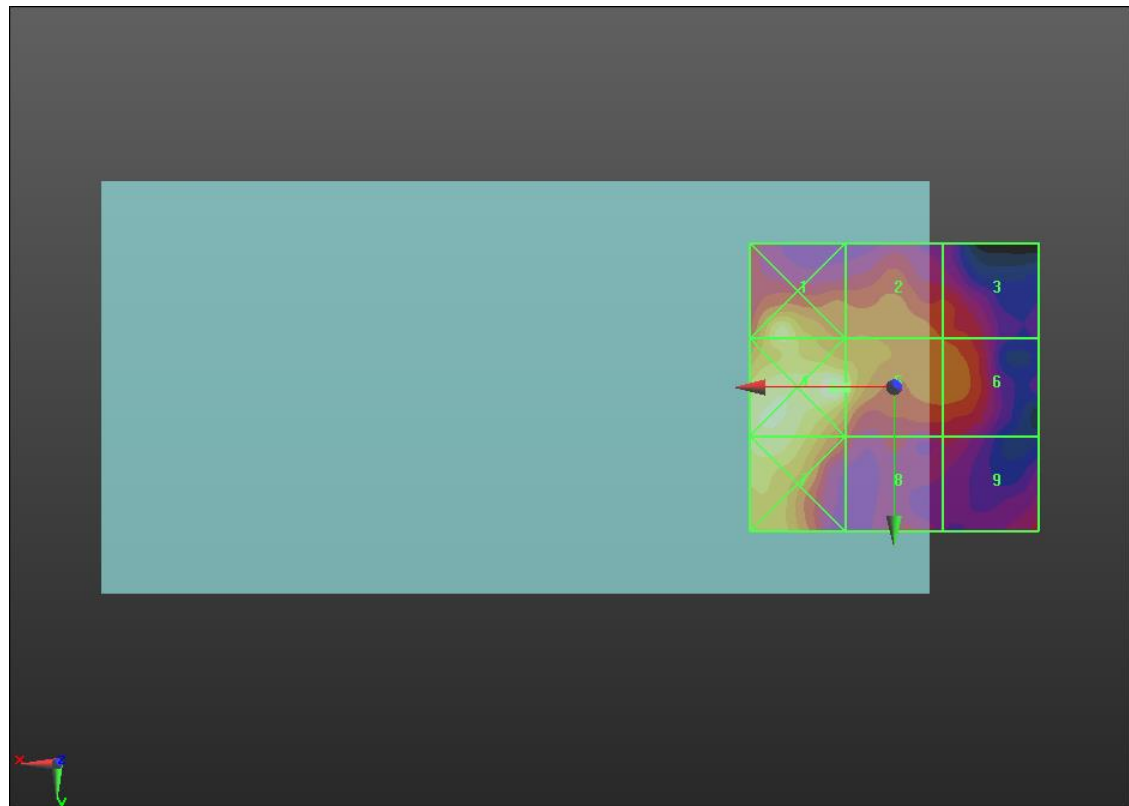
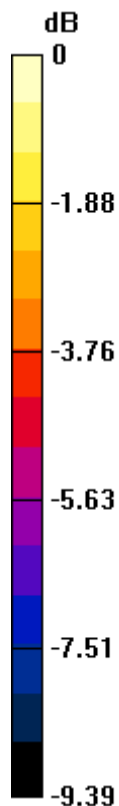
Applied MIF = -3.15 dB

RF audio interference level = 11.75 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 11.79 dBV/m	Grid 2 M4 9.63 dBV/m	Grid 3 M4 8.94 dBV/m
Grid 4 M4 12.7 dBV/m	Grid 5 M4 11.75 dBV/m	Grid 6 M4 9.51 dBV/m
Grid 7 M4 11.95 dBV/m	Grid 8 M4 8.6 dBV/m	Grid 9 M4 8.05 dBV/m



0 dB = 4.317 V/m = 12.70 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 6.375 V/m; Power Drift = 0.10 dB

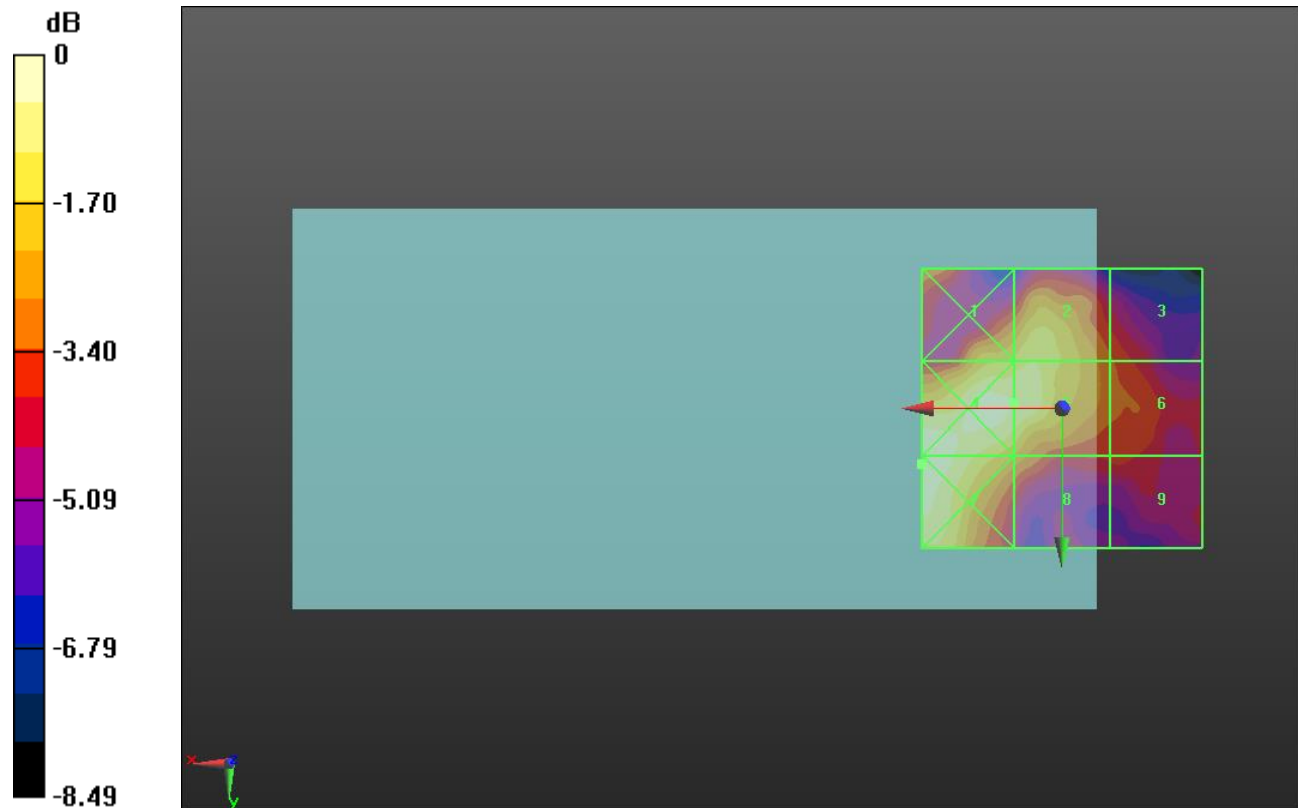
Applied MIF = -3.15 dB

RF audio interference level = 11.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.86 dBV/m	Grid 2 M4 11.23 dBV/m	Grid 3 M4 9.09 dBV/m
Grid 4 M4 12.34 dBV/m	Grid 5 M4 11.77 dBV/m	Grid 6 M4 9.28 dBV/m
Grid 7 M4 12.35 dBV/m	Grid 8 M4 10.01 dBV/m	Grid 9 M4 8.56 dBV/m



0 dB = 4.144 V/m = 12.35 dBV/m

HAC-RF Emission LAT

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5765 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 153/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.158 V/m; Power Drift = -0.43 dB

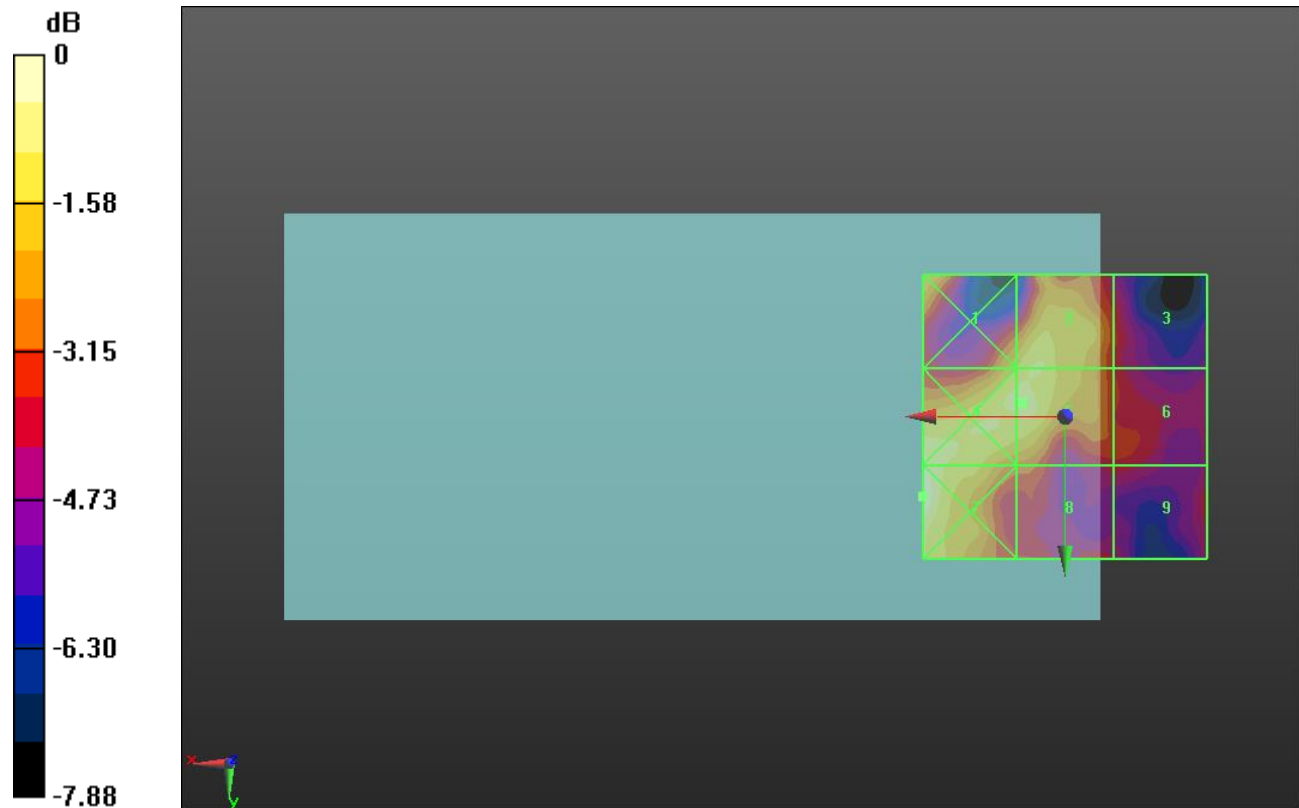
Applied MIF = -3.15 dB

RF audio interference level = 11.13 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.59 dBV/m	Grid 2 M4 11.03 dBV/m	Grid 3 M4 8.6 dBV/m
Grid 4 M4 11.68 dBV/m	Grid 5 M4 11.13 dBV/m	Grid 6 M4 8.81 dBV/m
Grid 7 M4 12.01 dBV/m	Grid 8 M4 9.27 dBV/m	Grid 9 M4 8.28 dBV/m



0 dB = 3.986 V/m = 12.01 dBV/m

HAC-RF Emission LAT

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 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 5.984 V/m; Power Drift = -0.11 dB

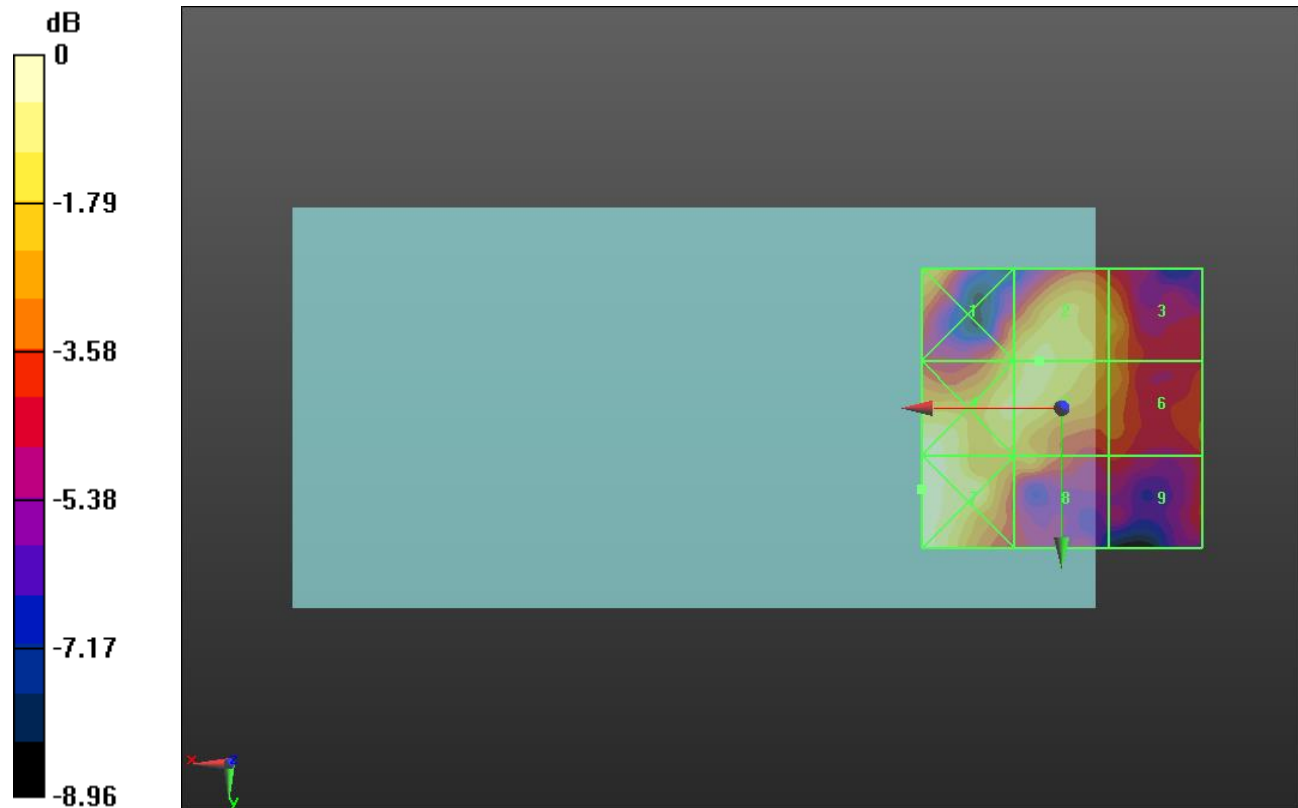
Applied MIF = -3.15 dB

RF audio interference level = 10.60 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 9.96 dBV/m	Grid 2 M4 10.6 dBV/m	Grid 3 M4 9.41 dBV/m
Grid 4 M4 11.36 dBV/m	Grid 5 M4 10.6 dBV/m	Grid 6 M4 9.07 dBV/m
Grid 7 M4 11.57 dBV/m	Grid 8 M4 9.47 dBV/m	Grid 9 M4 7.57 dBV/m



0 dB = 3.787 V/m = 11.57 dBV/m

HAC-RF Emission LAT

Communication System: UID 10069 - CAB, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5805 MHz; Duty Cycle: 1:11.3763

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041 (5-6 GHz); ConvF(1, 1, 1); Calibrated: 3/14/2017;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps_ch 161/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.943 V/m; Power Drift = -0.11 dB

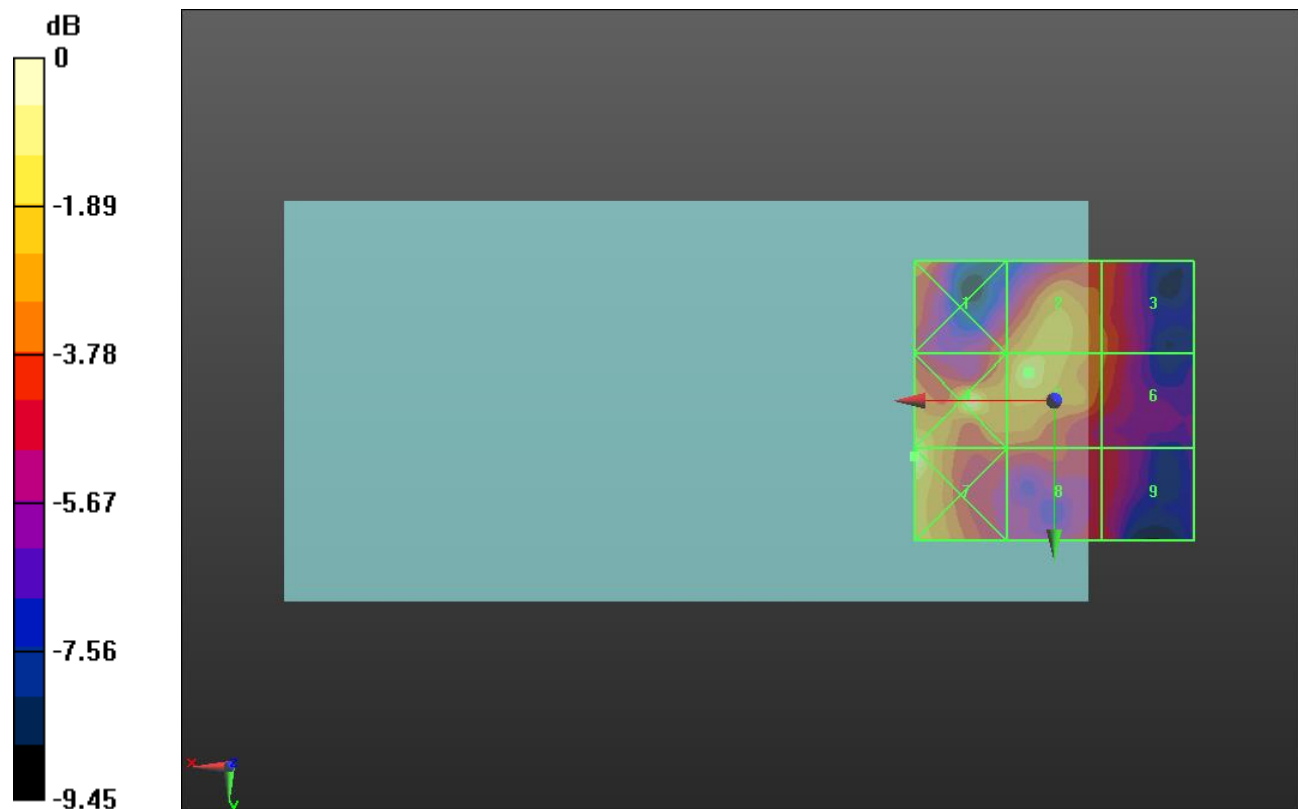
Applied MIF = -3.15 dB

RF audio interference level = 12.37 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 10.52 dBV/m	Grid 2 M4 11.46 dBV/m	Grid 3 M4 9.95 dBV/m
Grid 4 M4 12.98 dBV/m	Grid 5 M4 12.37 dBV/m	Grid 6 M4 9.9 dBV/m
Grid 7 M4 13.41 dBV/m	Grid 8 M4 9.46 dBV/m	Grid 9 M4 9.06 dBV/m



0 dB = 4.683 V/m = 13.41 dBV/m