

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 = 81.33 V/m; Power Drift = -0.07 dB

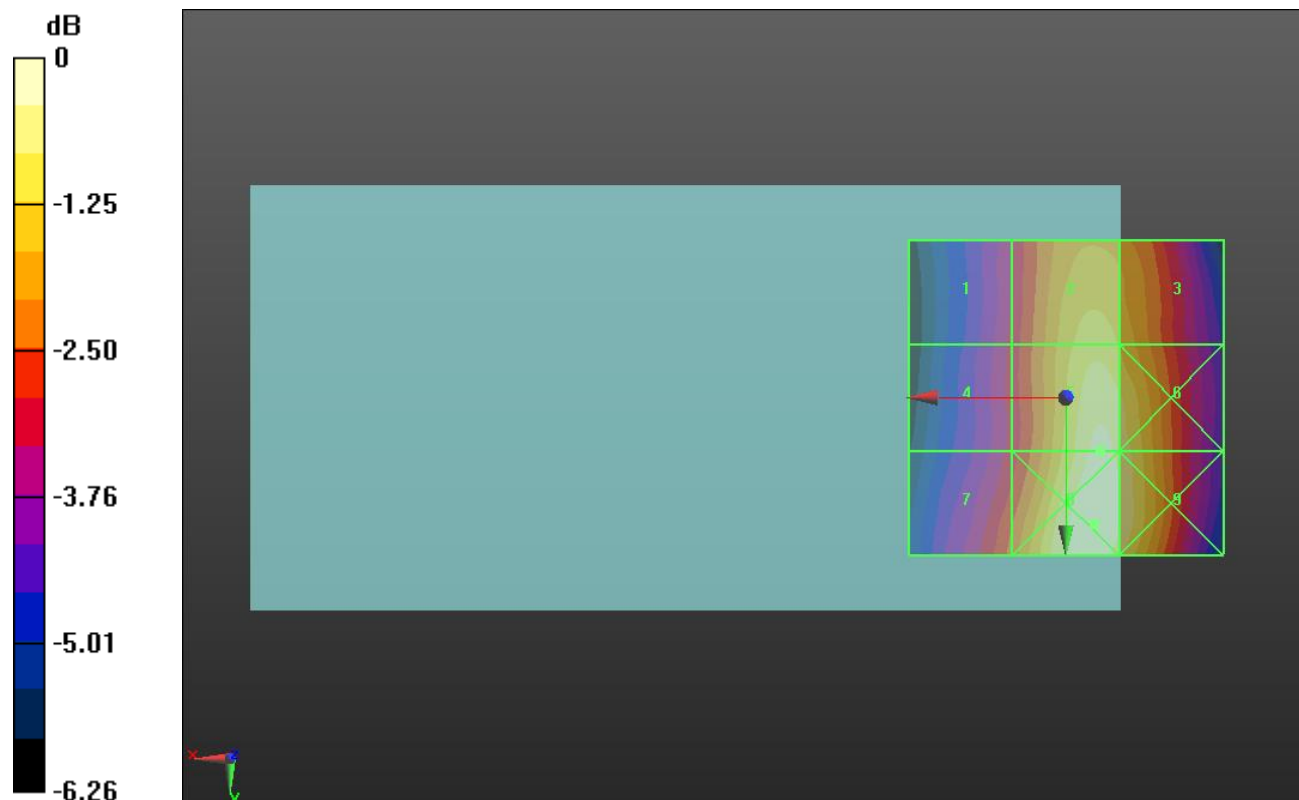
Applied MIF = 3.63 dB

RF audio interference level = 39.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.4 dBV/m	Grid 2 M4 38.58 dBV/m	Grid 3 M4 38.28 dBV/m
Grid 4 M4 36.47 dBV/m	Grid 5 M4 39.25 dBV/m	Grid 6 M4 39.03 dBV/m
Grid 7 M4 37.26 dBV/m	Grid 8 M4 39.56 dBV/m	Grid 9 M4 39.19 dBV/m



0 dB = 95.05 V/m = 39.56 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 = 82.12 V/m; Power Drift = -0.13 dB

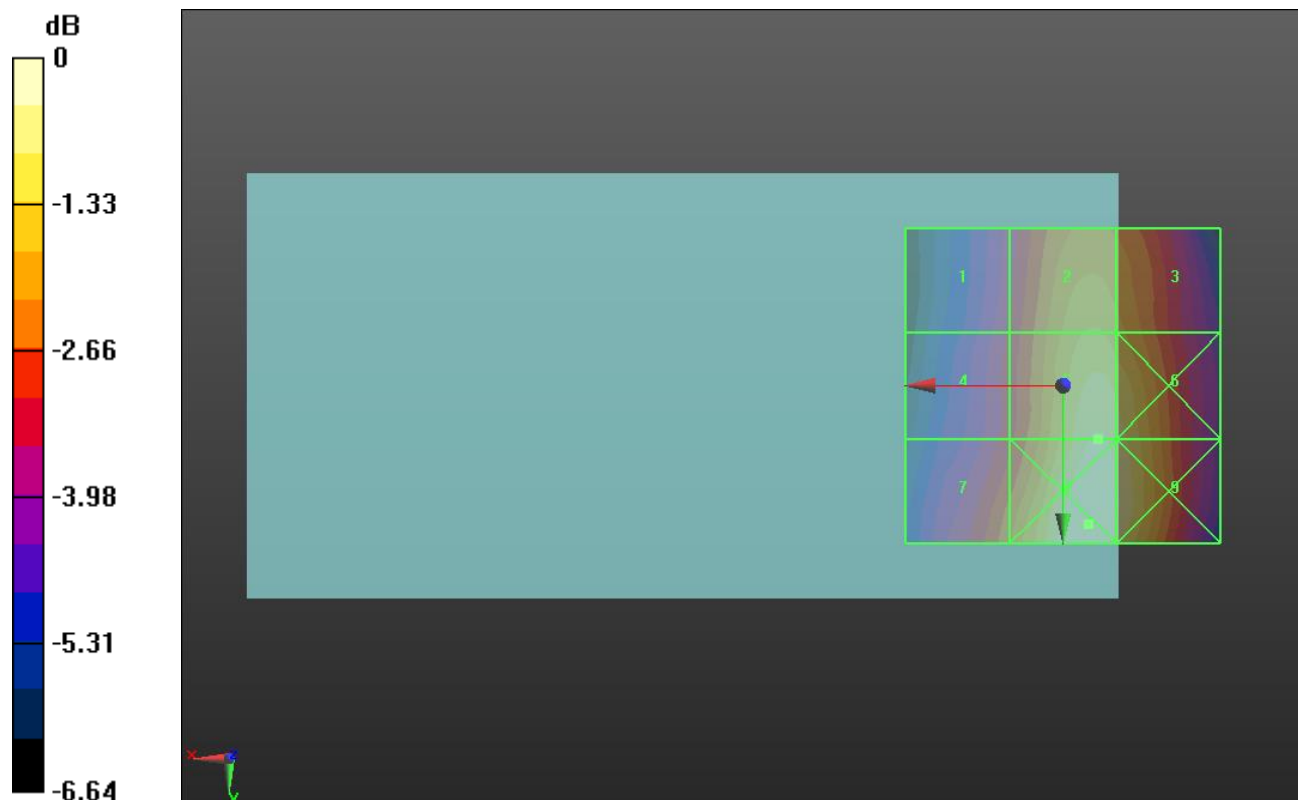
Applied MIF = 3.63 dB

RF audio interference level = 39.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.29 dBV/m	Grid 2 M4 38.44 dBV/m	Grid 3 M4 38.15 dBV/m
Grid 4 M4 36.54 dBV/m	Grid 5 M4 39.33 dBV/m	Grid 6 M4 39.1 dBV/m
Grid 7 M4 37.47 dBV/m	Grid 8 M4 39.72 dBV/m	Grid 9 M4 39.36 dBV/m



0 dB = 96.87 V/m = 39.72 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 = 78.82 V/m; Power Drift = -0.07 dB

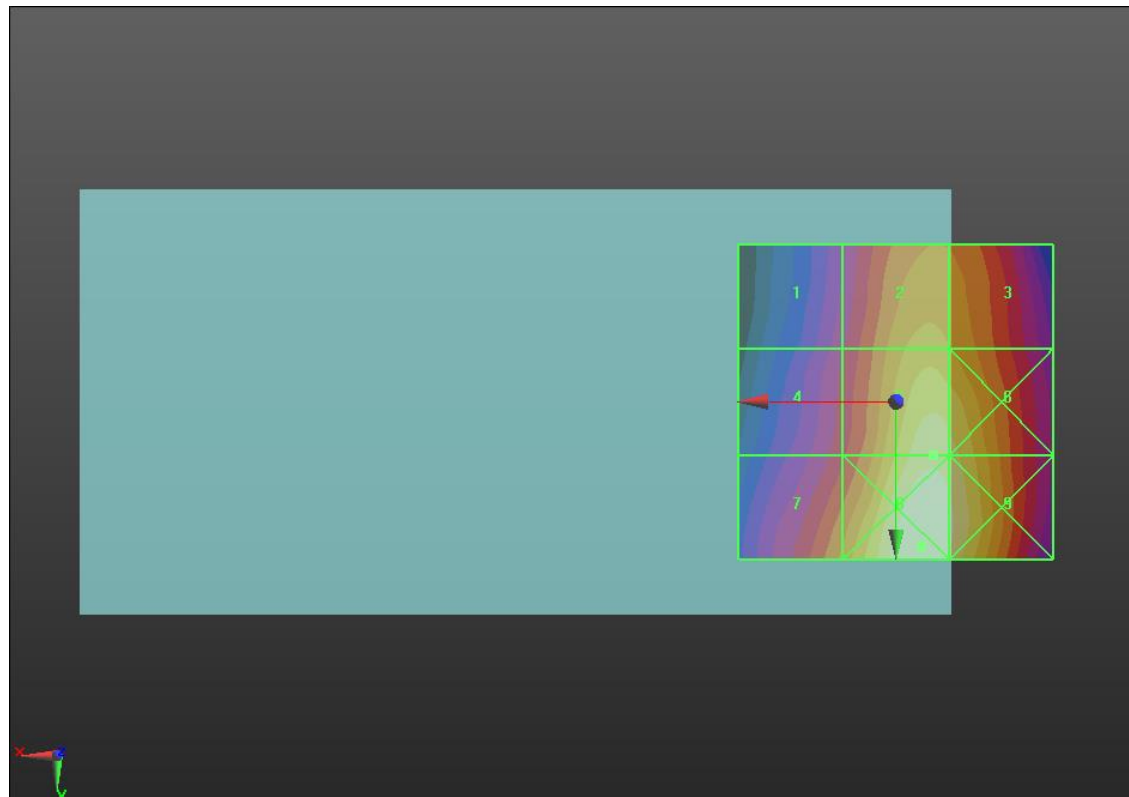
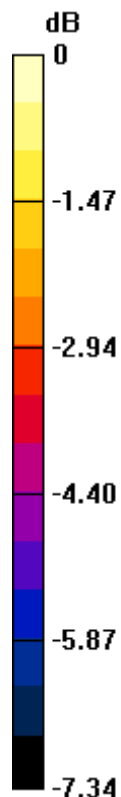
Applied MIF = 3.63 dB

RF audio interference level = 39.24 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.84 dBV/m	Grid 2 M4 38.11 dBV/m	Grid 3 M4 37.92 dBV/m
Grid 4 M4 36.33 dBV/m	Grid 5 M4 39.24 dBV/m	Grid 6 M4 39.07 dBV/m
Grid 7 M4 37.55 dBV/m	Grid 8 M4 39.84 dBV/m	Grid 9 M4 39.47 dBV/m



0 dB = 98.13 V/m = 39.84 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 = 26.52 V/m; Power Drift = -0.05 dB

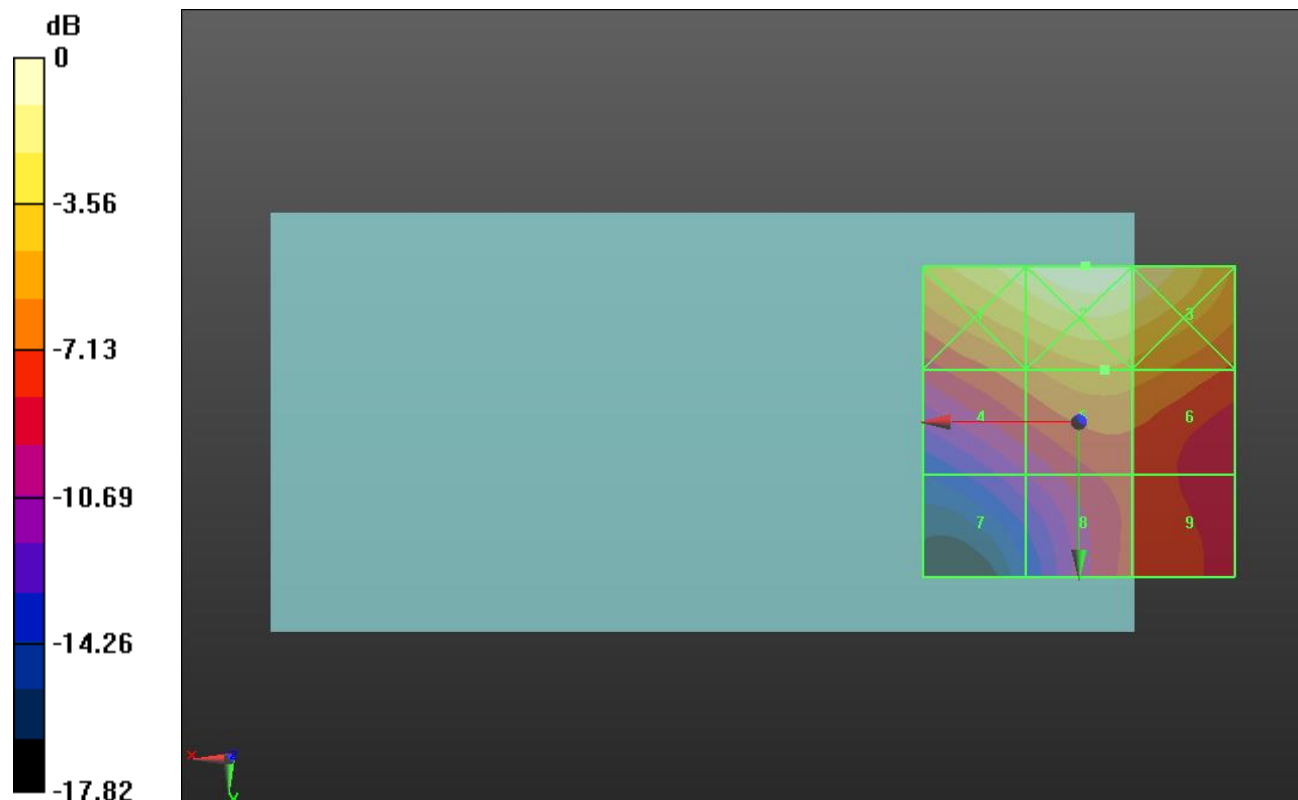
Applied MIF = 3.63 dB

RF audio interference level = 32.14 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 35.58 dBV/m	Grid 2 M2 37.01 dBV/m	Grid 3 M2 36.14 dBV/m
Grid 4 M3 30.79 dBV/m	Grid 5 M3 32.14 dBV/m	Grid 6 M3 31.82 dBV/m
Grid 7 M4 26.31 dBV/m	Grid 8 M4 29.23 dBV/m	Grid 9 M4 29.53 dBV/m



0 dB = 70.86 V/m = 37.01 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 = 44.55 V/m; Power Drift = 0.01 dB

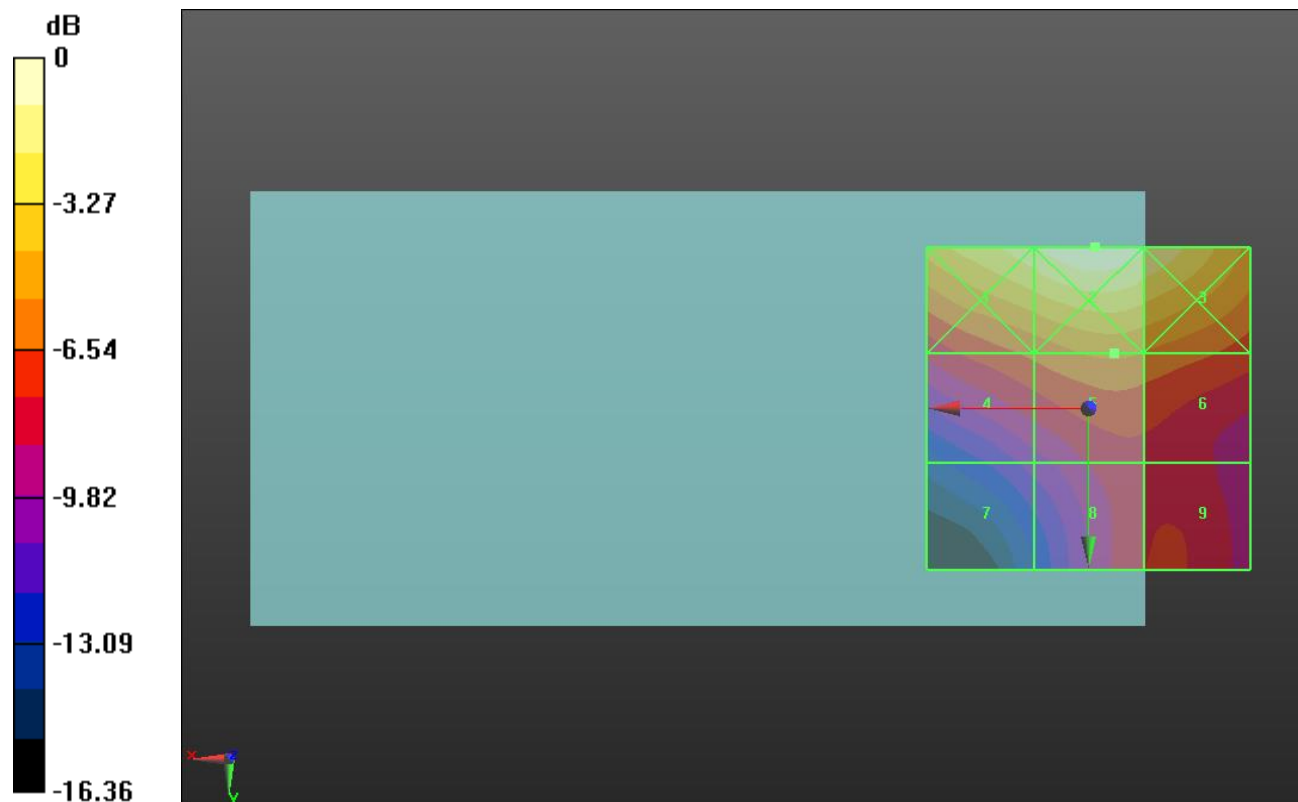
Applied MIF = 3.63 dB

RF audio interference level = 31.41 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 35.36 dBV/m	Grid 2 M2 36.63 dBV/m	Grid 3 M2 35.79 dBV/m
Grid 4 M3 30.38 dBV/m	Grid 5 M3 31.41 dBV/m	Grid 6 M3 31.12 dBV/m
Grid 7 M4 26.26 dBV/m	Grid 8 M4 28.98 dBV/m	Grid 9 M4 29.2 dBV/m



0 dB = 67.82 V/m = 36.63 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 = 20.83 V/m; Power Drift = -0.02 dB

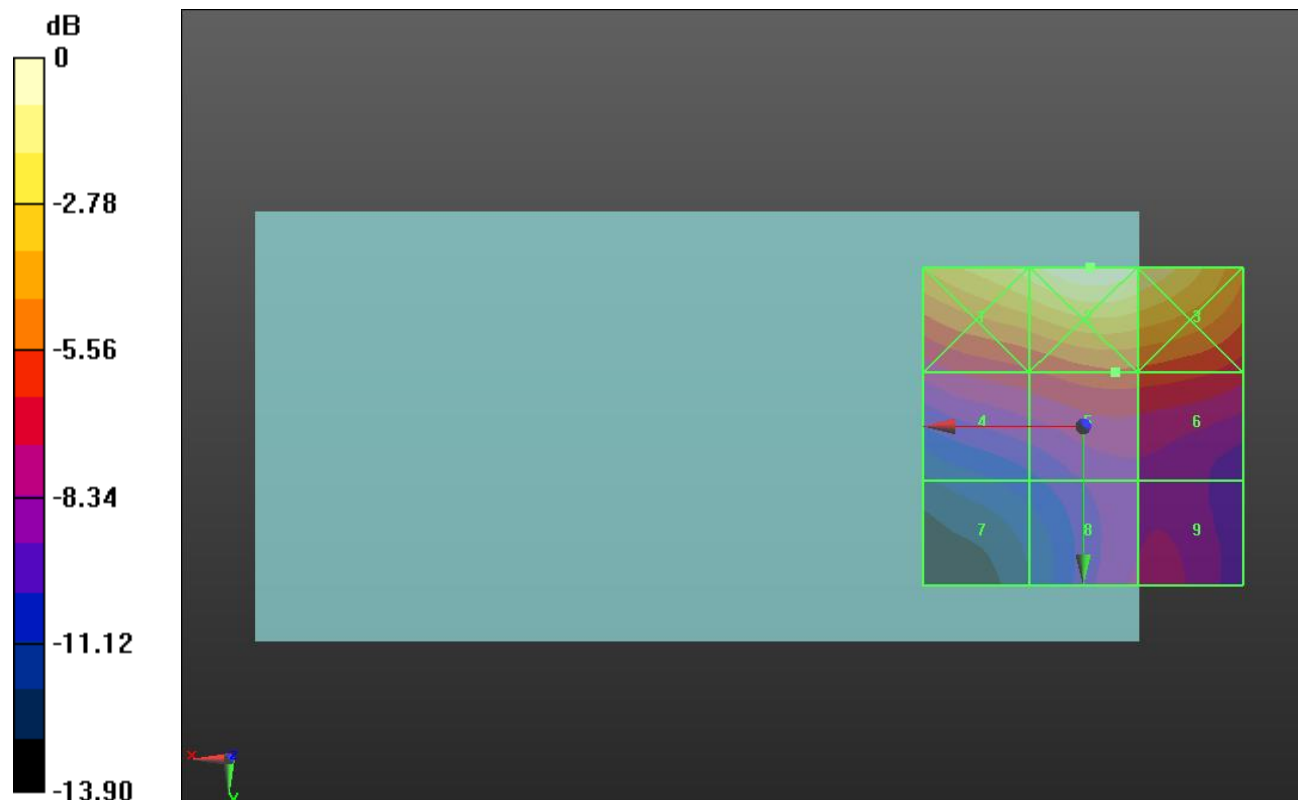
Applied MIF = 3.63 dB

RF audio interference level = 30.24 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.6 dBV/m	Grid 2 M2 35.94 dBV/m	Grid 3 M2 35.19 dBV/m
Grid 4 M4 29.32 dBV/m	Grid 5 M3 30.24 dBV/m	Grid 6 M3 30.15 dBV/m
Grid 7 M4 25.5 dBV/m	Grid 8 M4 27.8 dBV/m	Grid 9 M4 27.93 dBV/m



0 dB = 62.67 V/m = 35.94 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 = 34.12 V/m; Power Drift = 0.03 dB

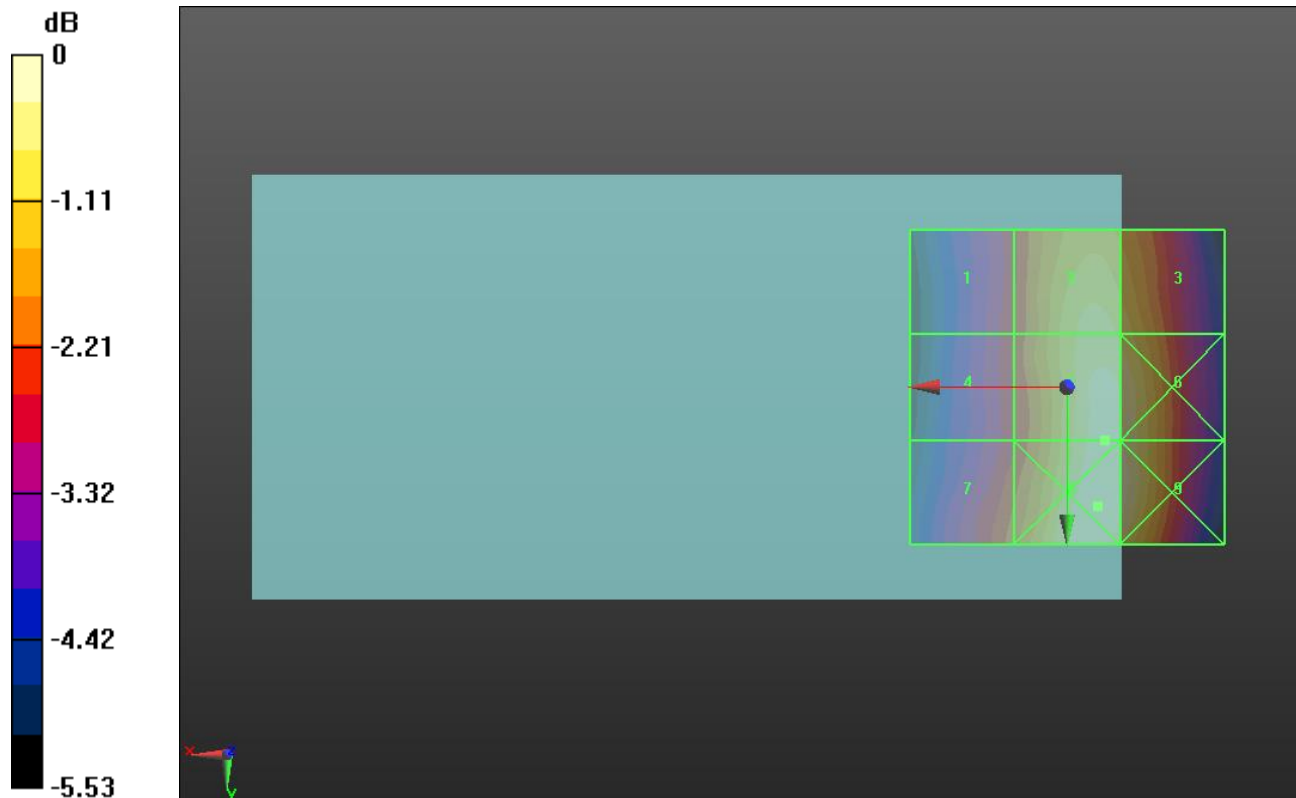
Applied MIF = 3.26 dB

RF audio interference level = 31.63 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.26 dBV/m	Grid 2 M4 31.25 dBV/m	Grid 3 M4 31 dBV/m
Grid 4 M4 29.27 dBV/m	Grid 5 M4 31.63 dBV/m	Grid 6 M4 31.5 dBV/m
Grid 7 M4 29.83 dBV/m	Grid 8 M4 31.8 dBV/m	Grid 9 M4 31.63 dBV/m



0 dB = 38.91 V/m = 31.80 dBV/m

HAC-RF Emission UAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 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 = 35.40 V/m; Power Drift = 0.02 dB

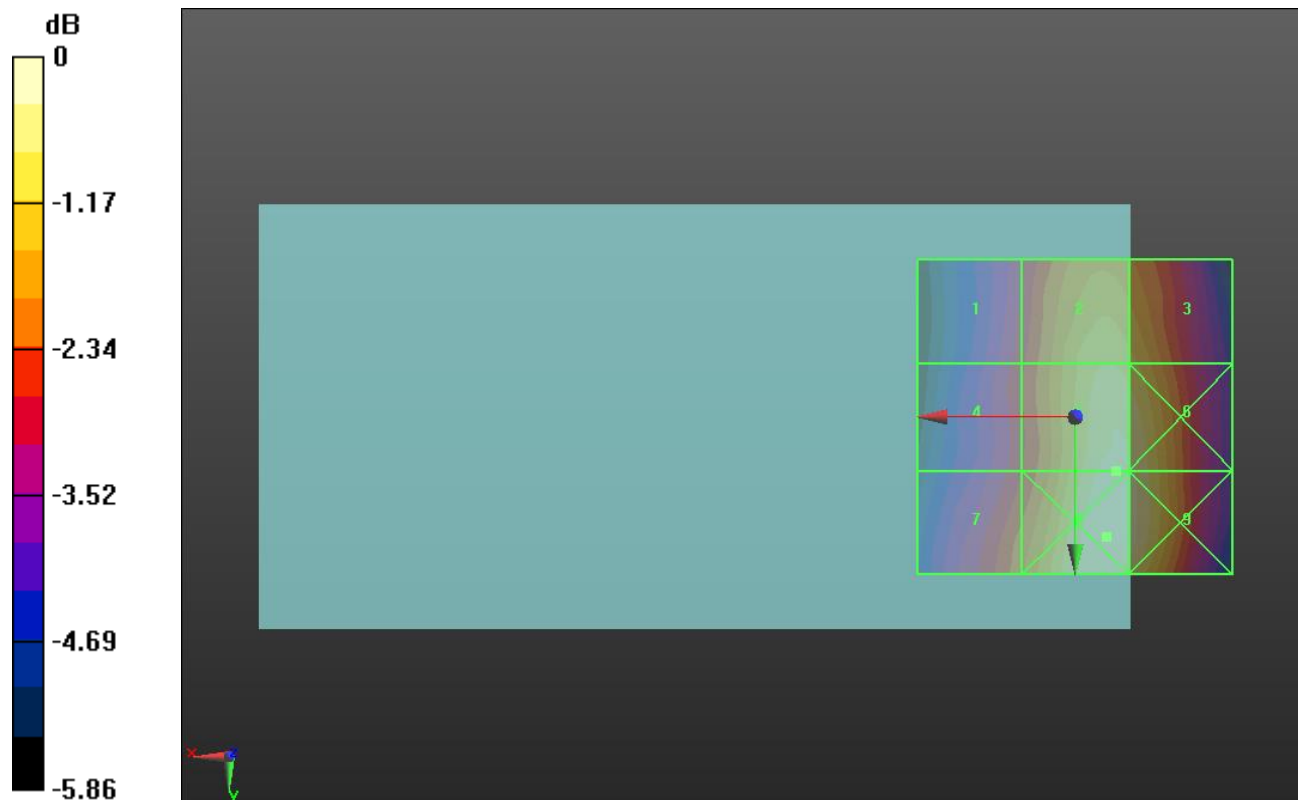
Applied MIF = 3.26 dB

RF audio interference level = 32.03 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.41 dBV/m	Grid 2 M4 31.46 dBV/m	Grid 3 M4 31.25 dBV/m
Grid 4 M4 29.55 dBV/m	Grid 5 M4 32.03 dBV/m	Grid 6 M4 31.95 dBV/m
Grid 7 M4 30.22 dBV/m	Grid 8 M4 32.23 dBV/m	Grid 9 M4 32.03 dBV/m



0 dB = 40.88 V/m = 32.23 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 = 35.85 V/m; Power Drift = 0.11 dB

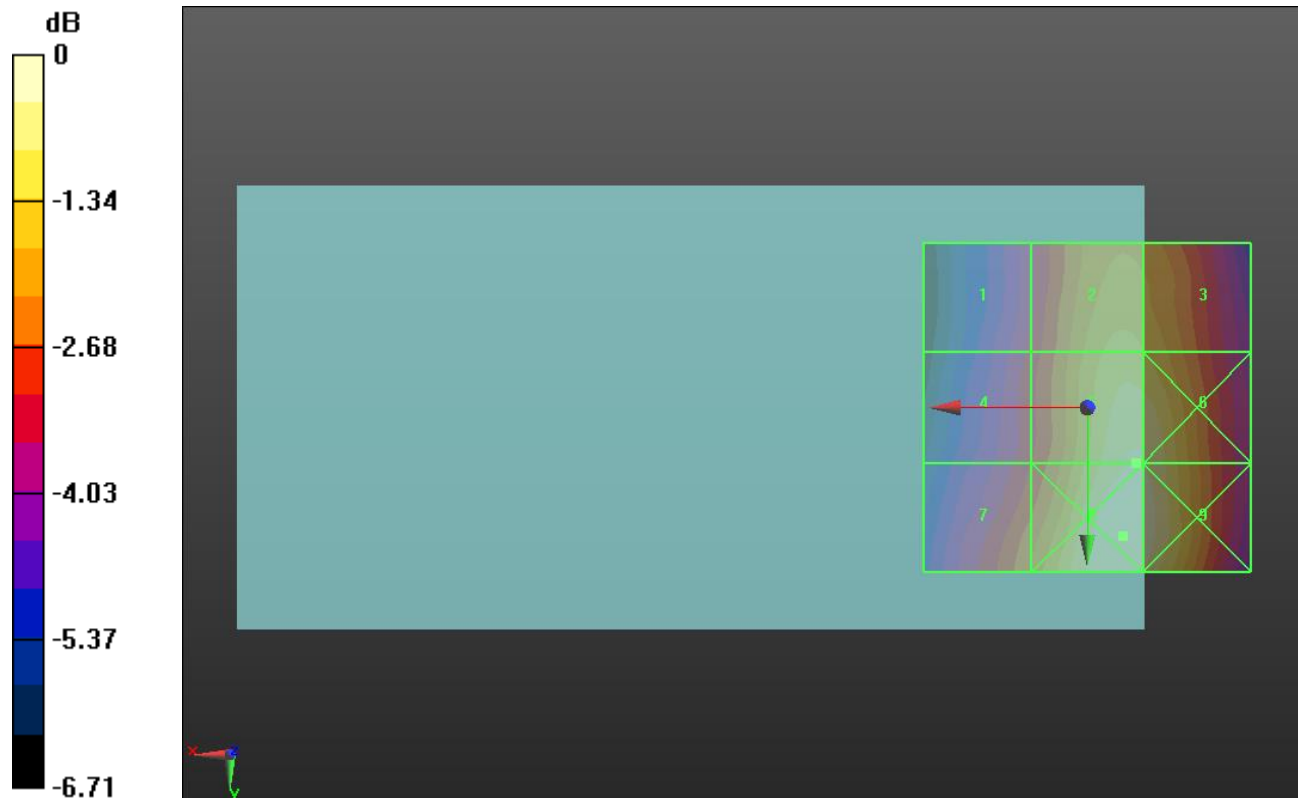
Applied MIF = 3.26 dB

RF audio interference level = 32.45 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.46 dBV/m	Grid 2 M4 31.7 dBV/m	Grid 3 M4 31.55 dBV/m
Grid 4 M4 29.75 dBV/m	Grid 5 M4 32.45 dBV/m	Grid 6 M4 32.42 dBV/m
Grid 7 M4 30.68 dBV/m	Grid 8 M4 32.84 dBV/m	Grid 9 M4 32.68 dBV/m



0 dB = 43.87 V/m = 32.84 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 = 11.87 V/m; Power Drift = 0.07 dB

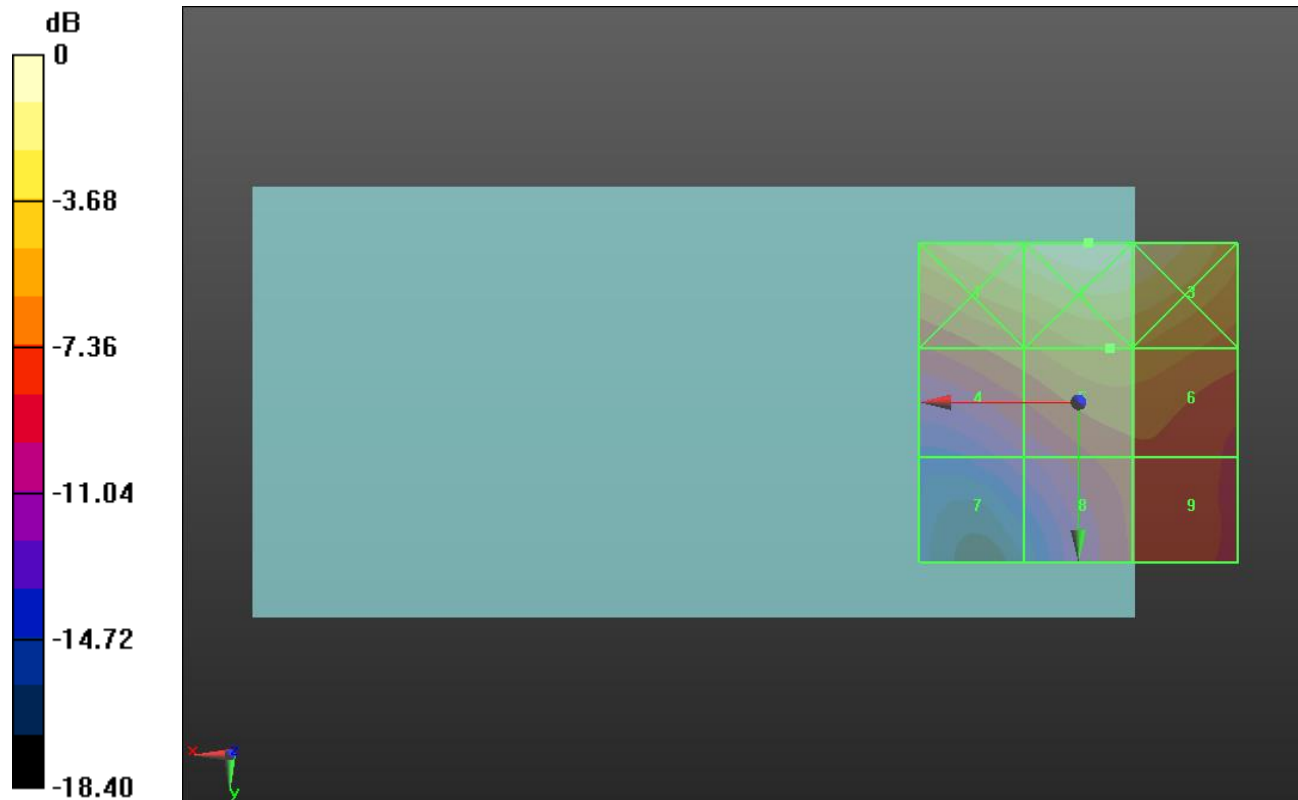
Applied MIF = 3.26 dB

RF audio interference level = 25.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.72 dBV/m	Grid 2 M3 30.09 dBV/m	Grid 3 M4 29.37 dBV/m
Grid 4 M4 23.7 dBV/m	Grid 5 M4 25.31 dBV/m	Grid 6 M4 25.18 dBV/m
Grid 7 M4 18.98 dBV/m	Grid 8 M4 22.38 dBV/m	Grid 9 M4 22.53 dBV/m



0 dB = 31.97 V/m = 30.09 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 = 10.99 V/m; Power Drift = -0.07 dB

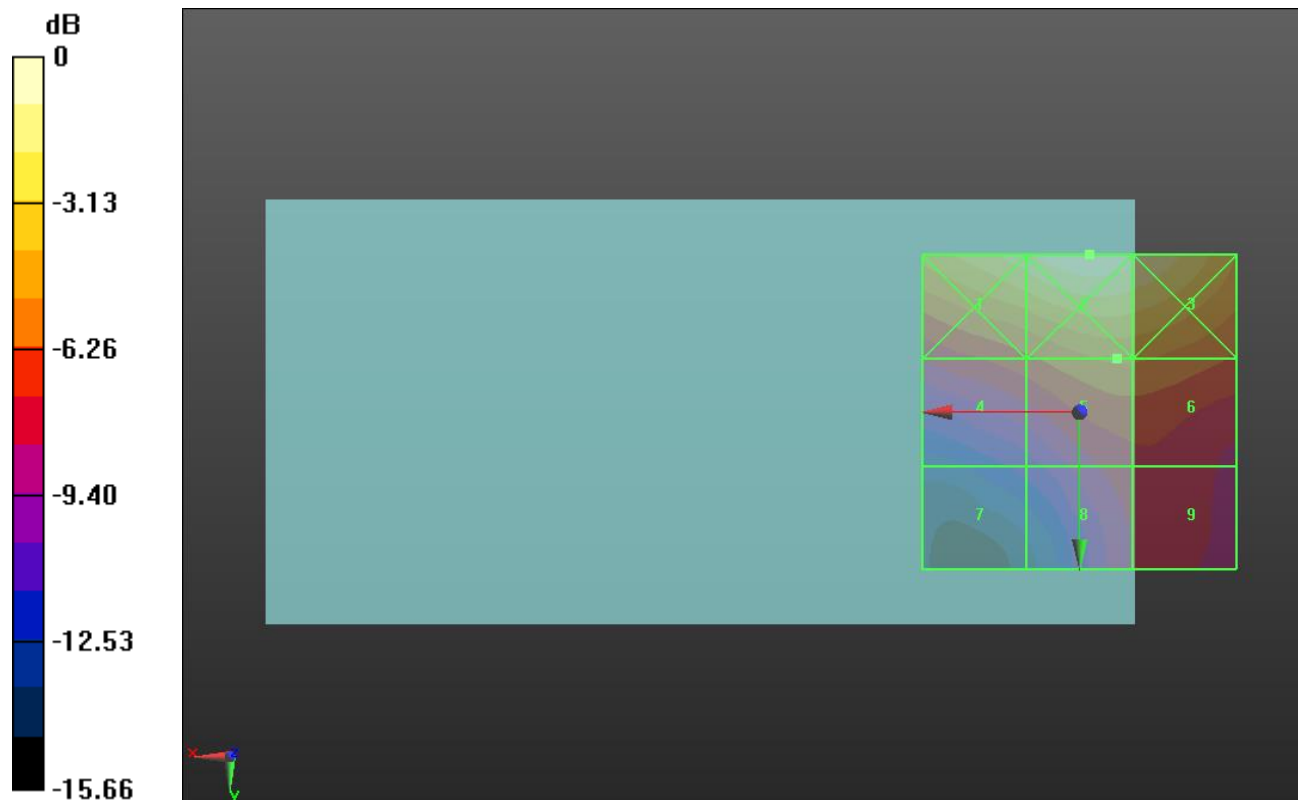
Applied MIF = 3.26 dB

RF audio interference level = 24.51 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.18 dBV/m	Grid 2 M4 29.51 dBV/m	Grid 3 M4 28.82 dBV/m
Grid 4 M4 23.03 dBV/m	Grid 5 M4 24.51 dBV/m	Grid 6 M4 24.46 dBV/m
Grid 7 M4 18.63 dBV/m	Grid 8 M4 21.92 dBV/m	Grid 9 M4 22.06 dBV/m



0 dB = 29.89 V/m = 29.51 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 = 10.22 V/m; Power Drift = 0.09 dB

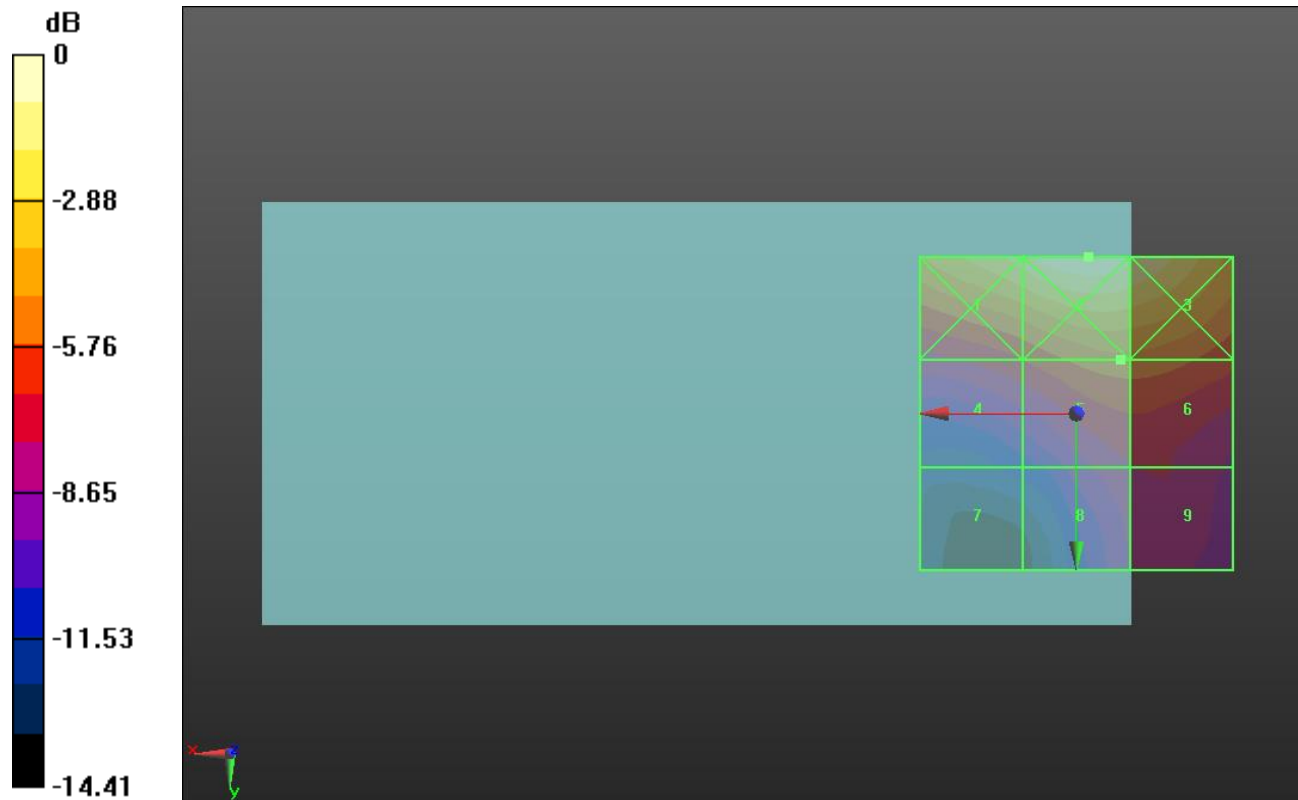
Applied MIF = 3.26 dB

RF audio interference level = 23.99 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.76 dBV/m	Grid 2 M4 29.09 dBV/m	Grid 3 M4 28.46 dBV/m
Grid 4 M4 22.38 dBV/m	Grid 5 M4 23.99 dBV/m	Grid 6 M4 23.98 dBV/m
Grid 7 M4 18.15 dBV/m	Grid 8 M4 21.33 dBV/m	Grid 9 M4 21.5 dBV/m



0 dB = 28.46 V/m = 29.08 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 = 31.74 V/m; Power Drift = -0.01 dB

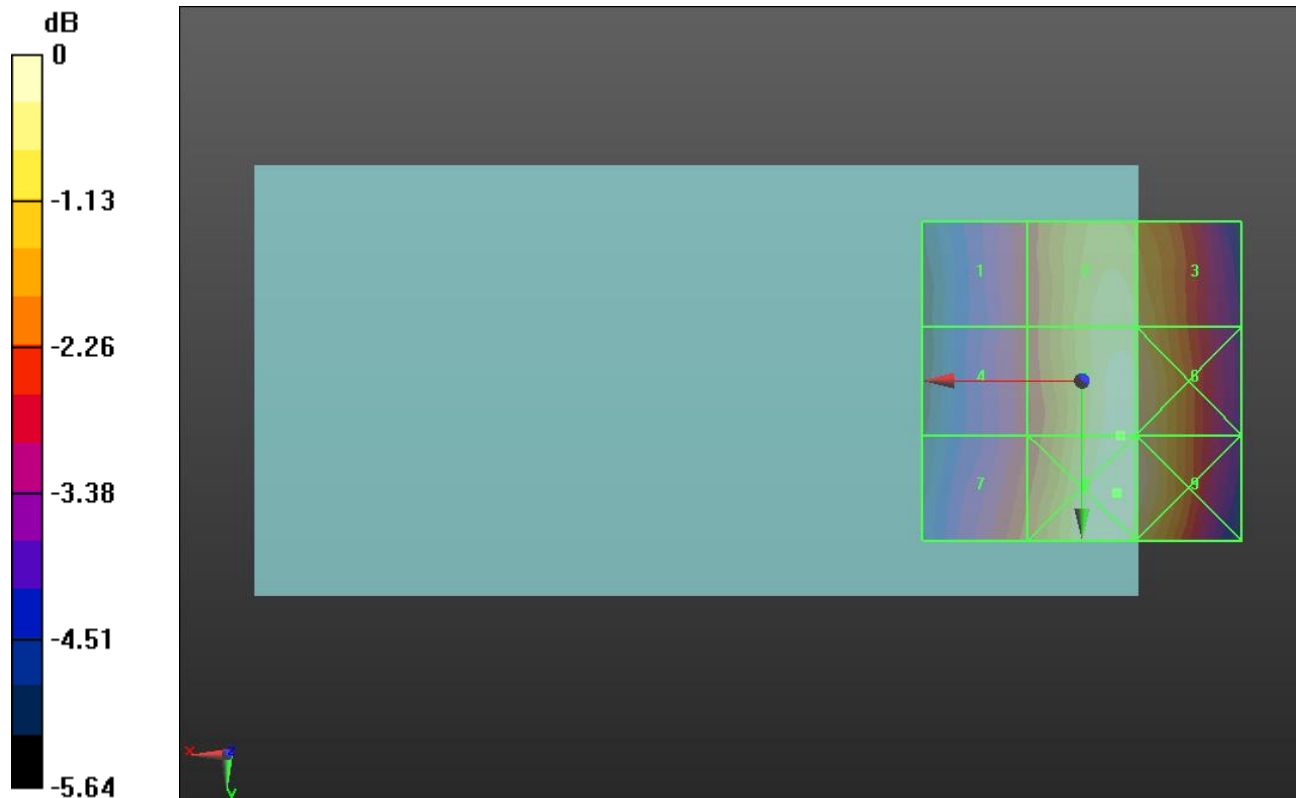
Applied MIF = 3.26 dB

RF audio interference level = 31.10 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.68 dBV/m	Grid 2 M4 30.78 dBV/m	Grid 3 M4 30.63 dBV/m
Grid 4 M4 28.65 dBV/m	Grid 5 M4 31.1 dBV/m	Grid 6 M4 30.98 dBV/m
Grid 7 M4 29.22 dBV/m	Grid 8 M4 31.24 dBV/m	Grid 9 M4 31.13 dBV/m



0 dB = 36.49 V/m = 31.24 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 = 32.64 V/m; Power Drift = 0.08 dB

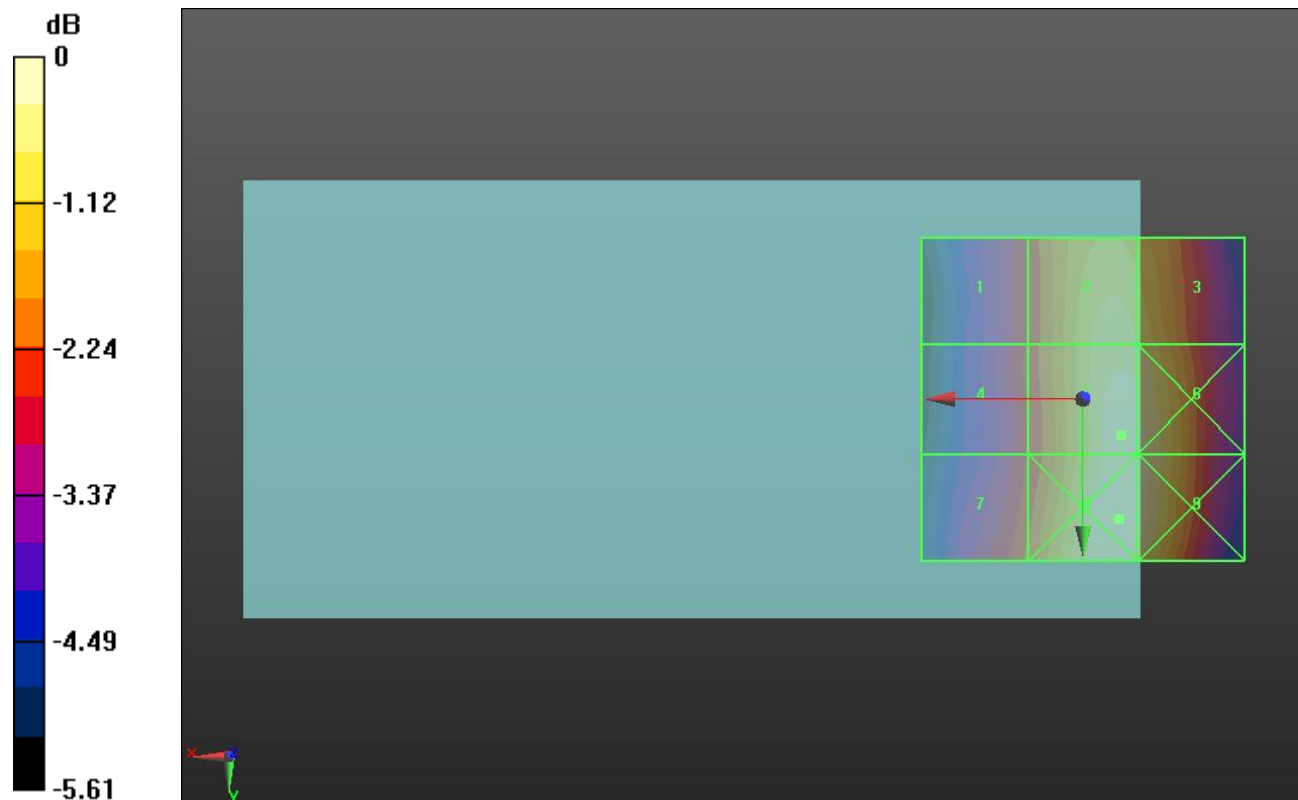
Applied MIF = 3.26 dB

RF audio interference level = 31.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.96 dBV/m	Grid 2 M4 31.07 dBV/m	Grid 3 M4 30.81 dBV/m
Grid 4 M4 29.03 dBV/m	Grid 5 M4 31.39 dBV/m	Grid 6 M4 31.29 dBV/m
Grid 7 M4 29.42 dBV/m	Grid 8 M4 31.52 dBV/m	Grid 9 M4 31.35 dBV/m



0 dB = 37.66 V/m = 31.52 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 = 33.51 V/m; Power Drift = 0.02 dB

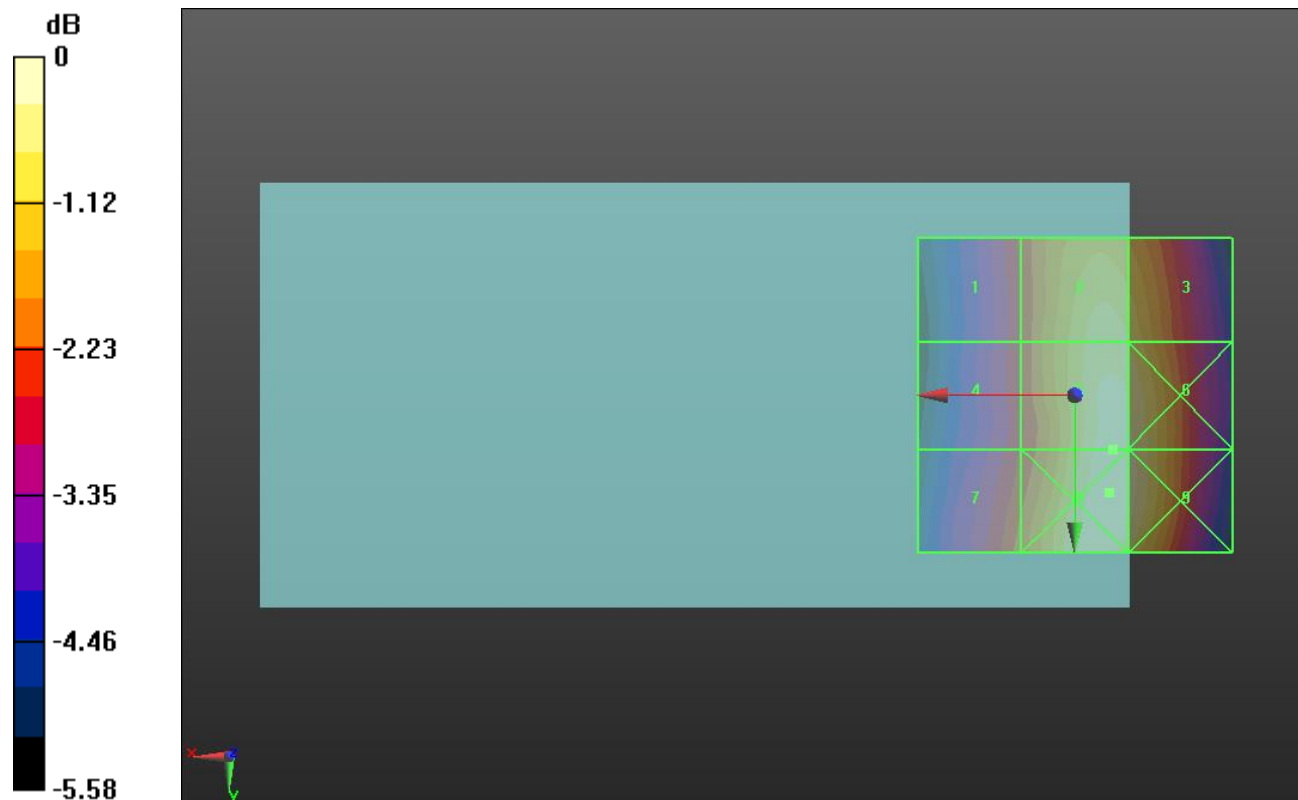
Applied MIF = 3.26 dB

RF audio interference level = 31.55 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.18 dBV/m	Grid 2 M4 31.24 dBV/m	Grid 3 M4 30.94 dBV/m
Grid 4 M4 29.13 dBV/m	Grid 5 M4 31.55 dBV/m	Grid 6 M4 31.44 dBV/m
Grid 7 M4 29.66 dBV/m	Grid 8 M4 31.67 dBV/m	Grid 9 M4 31.48 dBV/m



0 dB = 38.31 V/m = 31.67 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 = 59.31 V/m; Power Drift = -0.23 dB

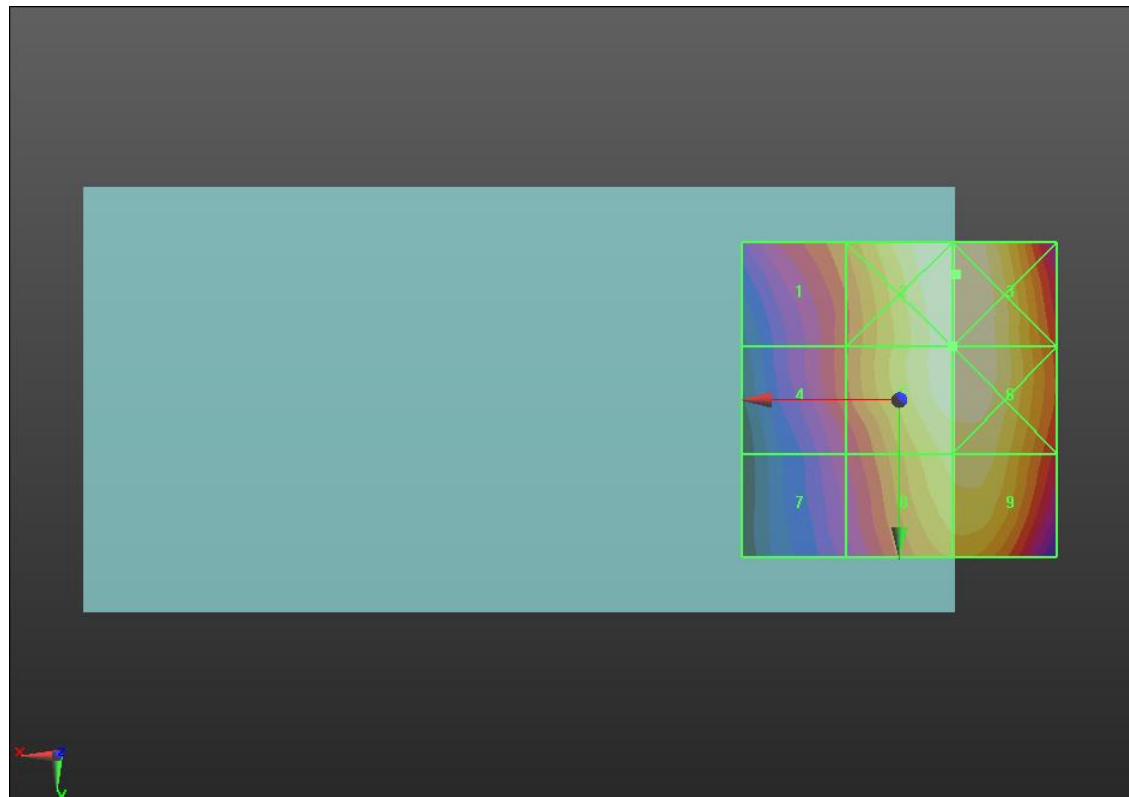
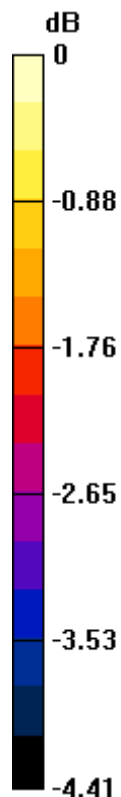
Applied MIF = 3.63 dB

RF audio interference level = 37.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.07 dBV/m	Grid 2 M4 37.51 dBV/m	Grid 3 M4 37.52 dBV/m
Grid 4 M4 35.73 dBV/m	Grid 5 M4 37.42 dBV/m	Grid 6 M4 37.45 dBV/m
Grid 7 M4 35.19 dBV/m	Grid 8 M4 37.05 dBV/m	Grid 9 M4 37.1 dBV/m



0 dB = 75.14 V/m = 37.52 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 = 61.46 V/m; Power Drift = -0.02 dB

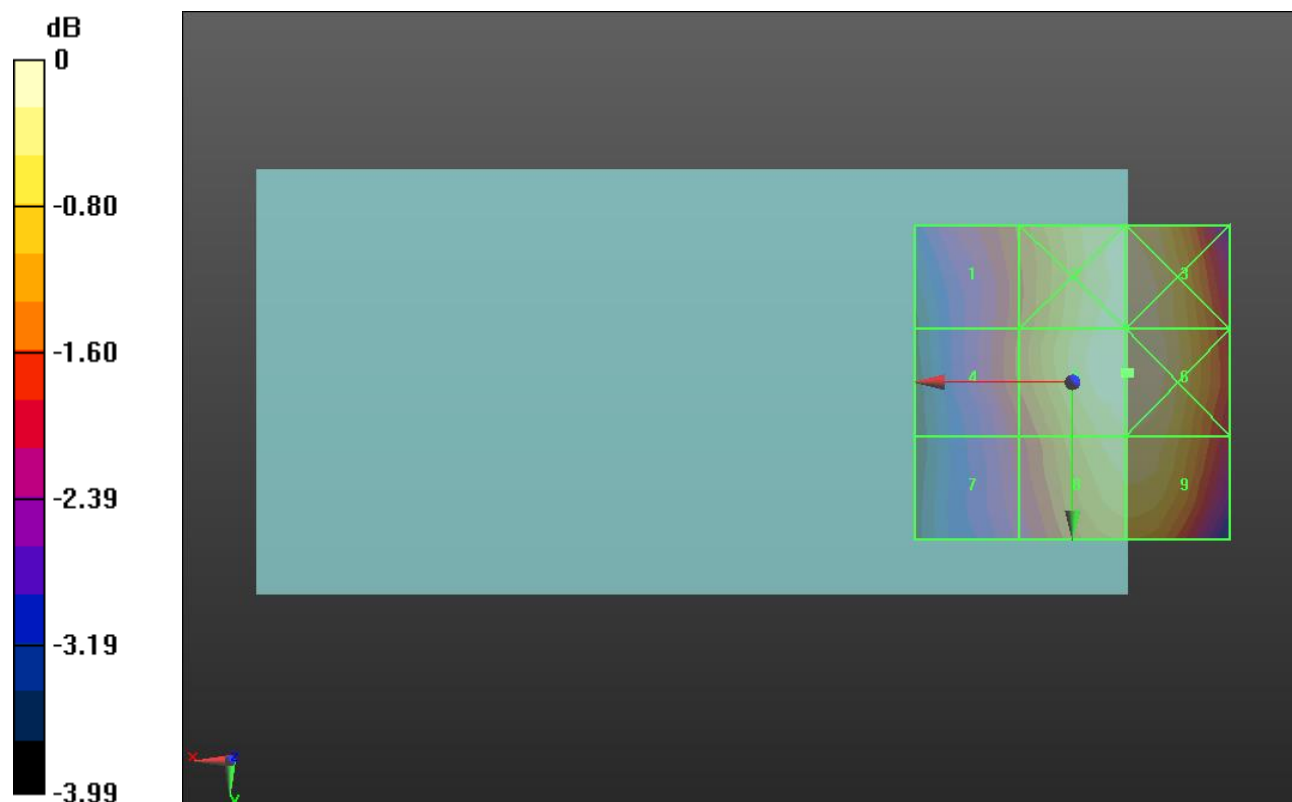
Applied MIF = 3.63 dB

RF audio interference level = 37.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.02 dBV/m	Grid 2 M4 37.47 dBV/m	Grid 3 M4 37.47 dBV/m
Grid 4 M4 36.02 dBV/m	Grid 5 M4 37.53 dBV/m	Grid 6 M4 37.54 dBV/m
Grid 7 M4 35.61 dBV/m	Grid 8 M4 37.23 dBV/m	Grid 9 M4 37.25 dBV/m



0 dB = 75.30 V/m = 37.54 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 = 64.45 V/m; Power Drift = -0.08 dB

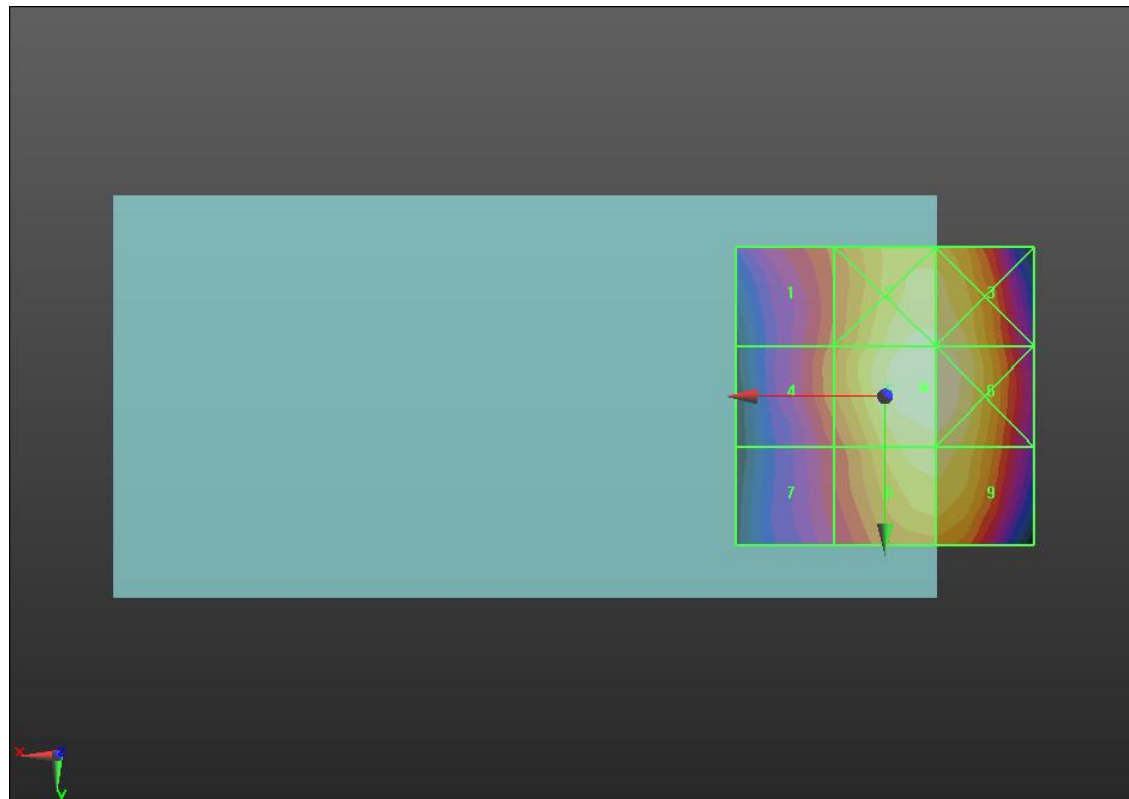
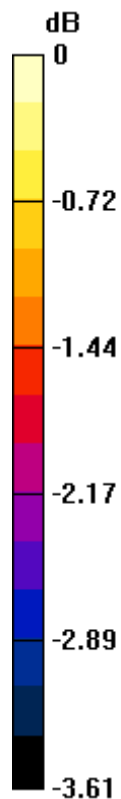
Applied MIF = 3.63 dB

RF audio interference level = 37.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.29 dBV/m	Grid 2 M4 37.46 dBV/m	Grid 3 M4 37.45 dBV/m
Grid 4 M4 36.43 dBV/m	Grid 5 M4 37.61 dBV/m	Grid 6 M4 37.59 dBV/m
Grid 7 M4 35.99 dBV/m	Grid 8 M4 37.28 dBV/m	Grid 9 M4 37.28 dBV/m



0 dB = 75.92 V/m = 37.61 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 = 25.24 V/m; Power Drift = -0.03 dB

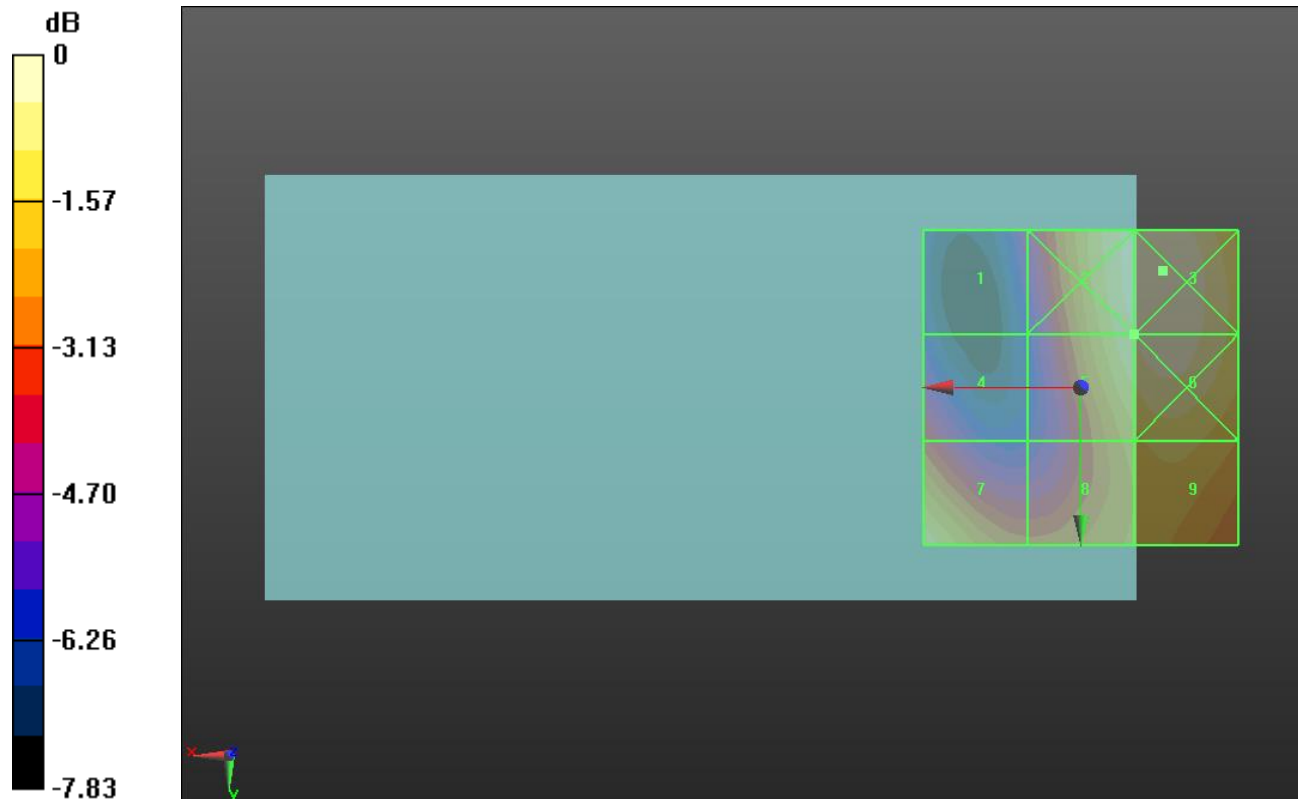
Applied MIF = 3.63 dB

RF audio interference level = 32.77 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.54 dBV/m	Grid 2 M3 33.03 dBV/m	Grid 3 M3 33.29 dBV/m
Grid 4 M4 29.89 dBV/m	Grid 5 M3 32.77 dBV/m	Grid 6 M3 33.12 dBV/m
Grid 7 M3 32.74 dBV/m	Grid 8 M3 31.54 dBV/m	Grid 9 M3 31.97 dBV/m



0 dB = 46.20 V/m = 33.29 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 = 26.08 V/m; Power Drift = -0.16 dB

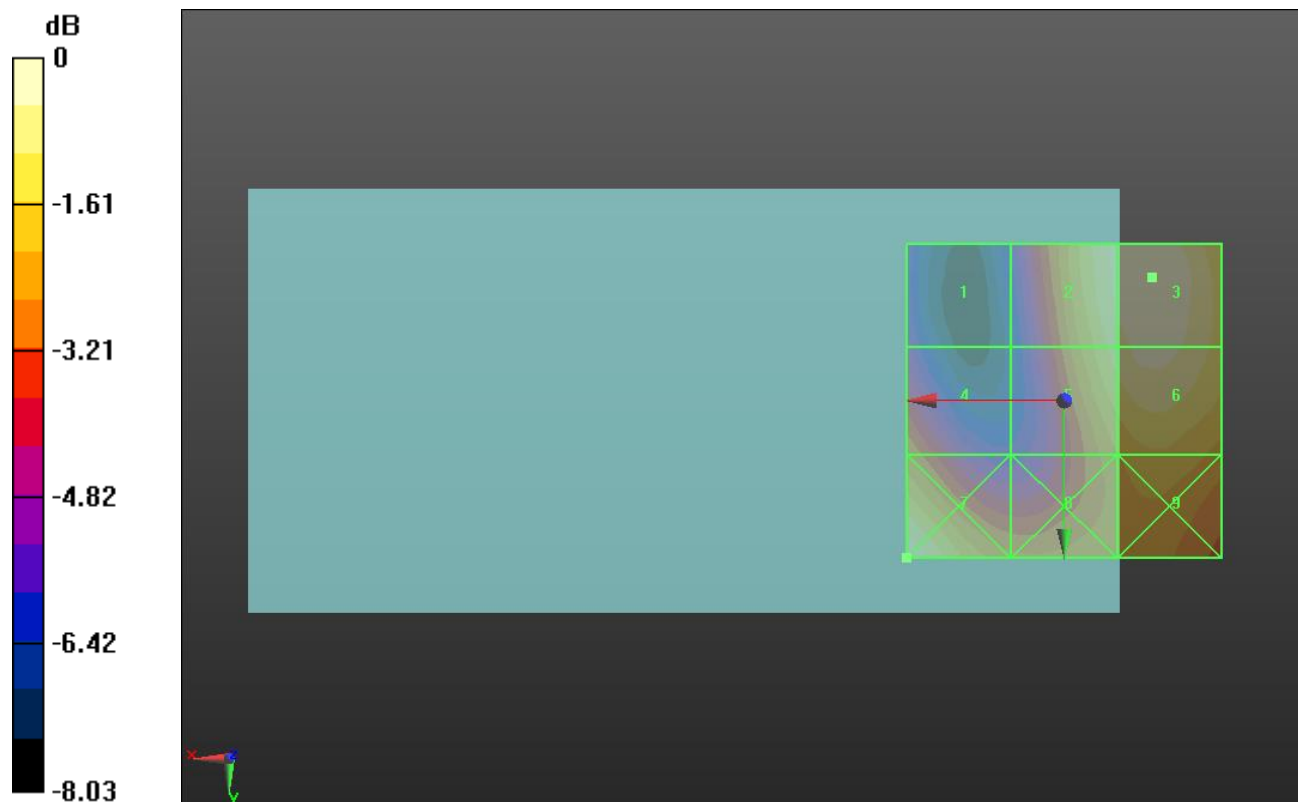
Applied MIF = 3.63 dB

RF audio interference level = 34.09 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.05 dBV/m	Grid 2 M3 33.74 dBV/m	Grid 3 M3 34.09 dBV/m
Grid 4 M3 31.48 dBV/m	Grid 5 M3 33.3 dBV/m	Grid 6 M3 33.78 dBV/m
Grid 7 M3 34.1 dBV/m	Grid 8 M3 31.94 dBV/m	Grid 9 M3 32.42 dBV/m



0 dB = 50.68 V/m = 34.10 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 = 27.21 V/m; Power Drift = -0.00 dB

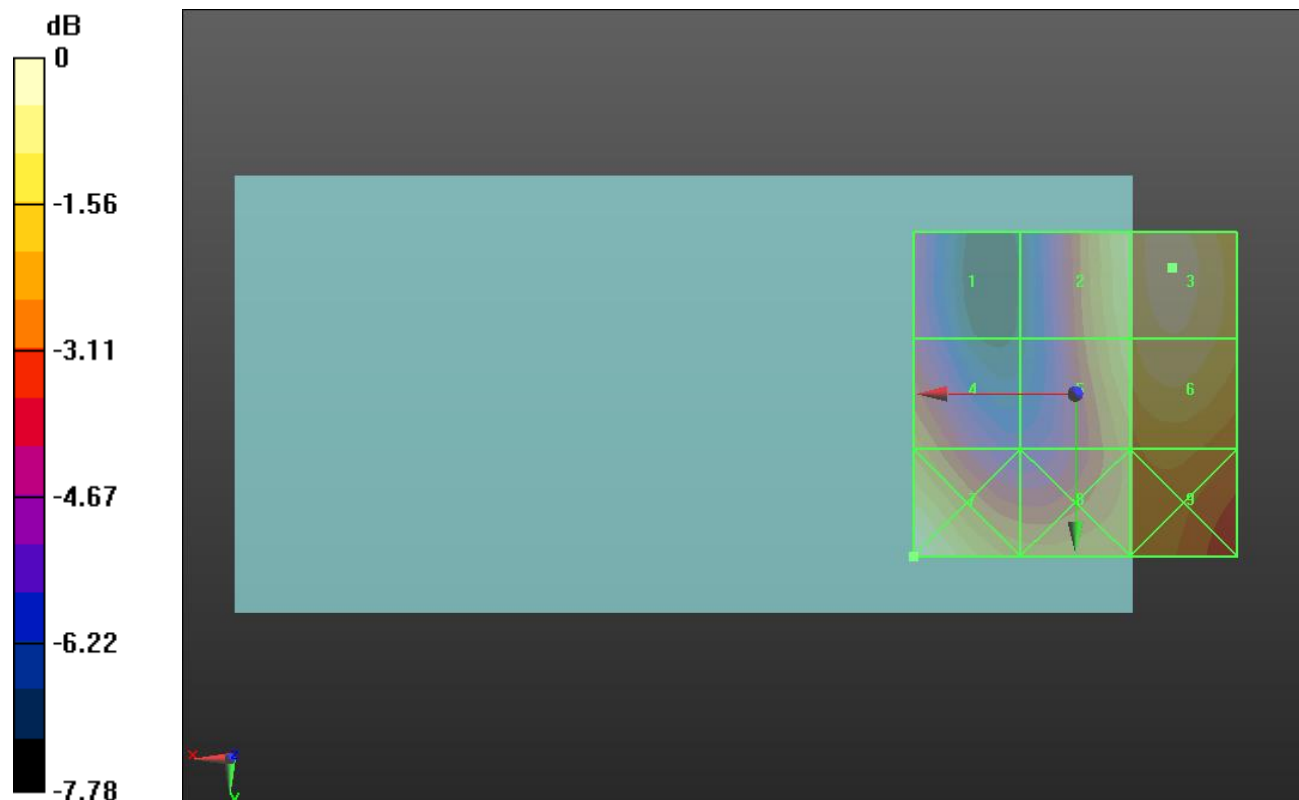
Applied MIF = 3.63 dB

RF audio interference level = 34.69 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.79 dBV/m	Grid 2 M3 34.09 dBV/m	Grid 3 M3 34.69 dBV/m
Grid 4 M3 32.75 dBV/m	Grid 5 M3 33.78 dBV/m	Grid 6 M3 34.4 dBV/m
Grid 7 M3 34.95 dBV/m	Grid 8 M3 32.83 dBV/m	Grid 9 M3 33.09 dBV/m



0 dB = 55.93 V/m = 34.95 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 = 20.11 V/m; Power Drift = 0.04 dB

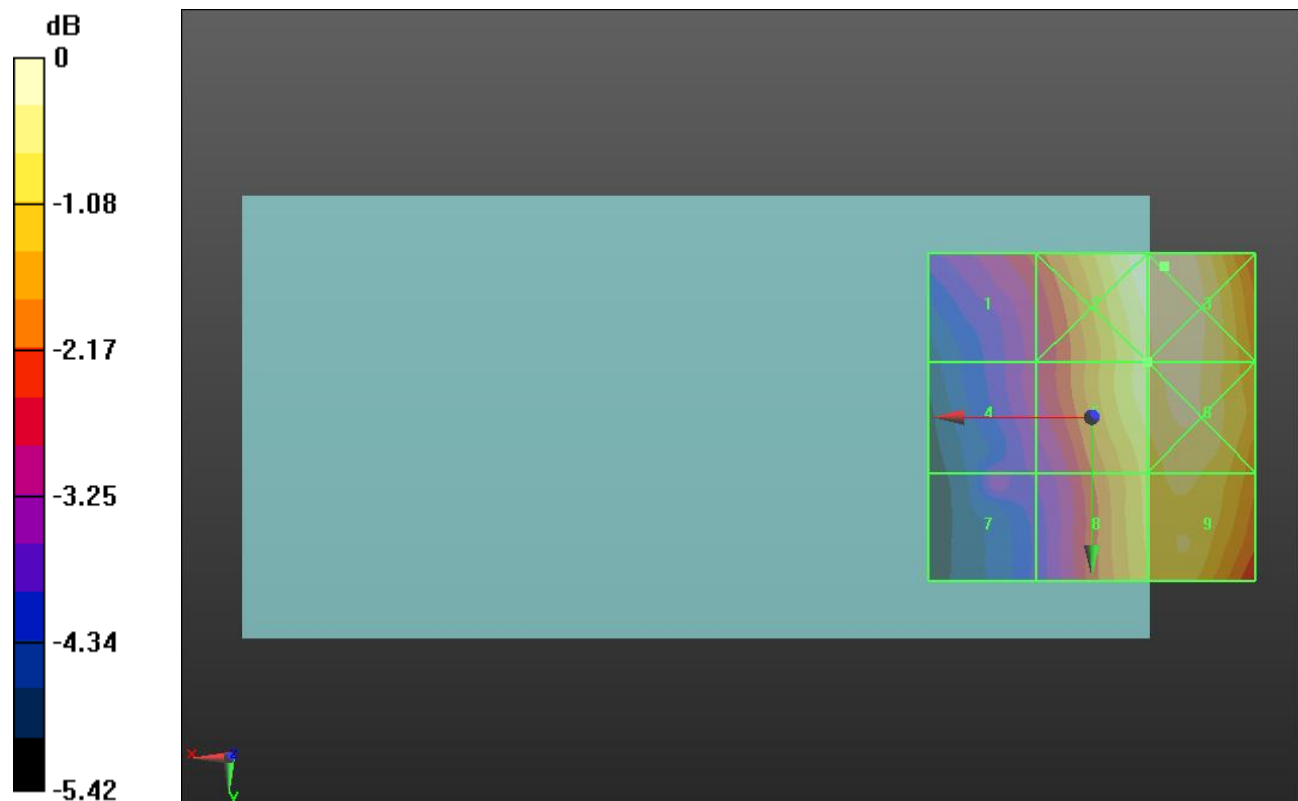
Applied MIF = 3.26 dB

RF audio interference level = 28.31 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.44 dBV/m	Grid 2 M4 28.72 dBV/m	Grid 3 M4 28.78 dBV/m
Grid 4 M4 25.85 dBV/m	Grid 5 M4 28.31 dBV/m	Grid 6 M4 28.57 dBV/m
Grid 7 M4 25.42 dBV/m	Grid 8 M4 27.85 dBV/m	Grid 9 M4 28.13 dBV/m



0 dB = 27.48 V/m = 28.78 dBV/m

HAC-RF Emission LAT

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 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 = 23.83 V/m; Power Drift = 0.03 dB

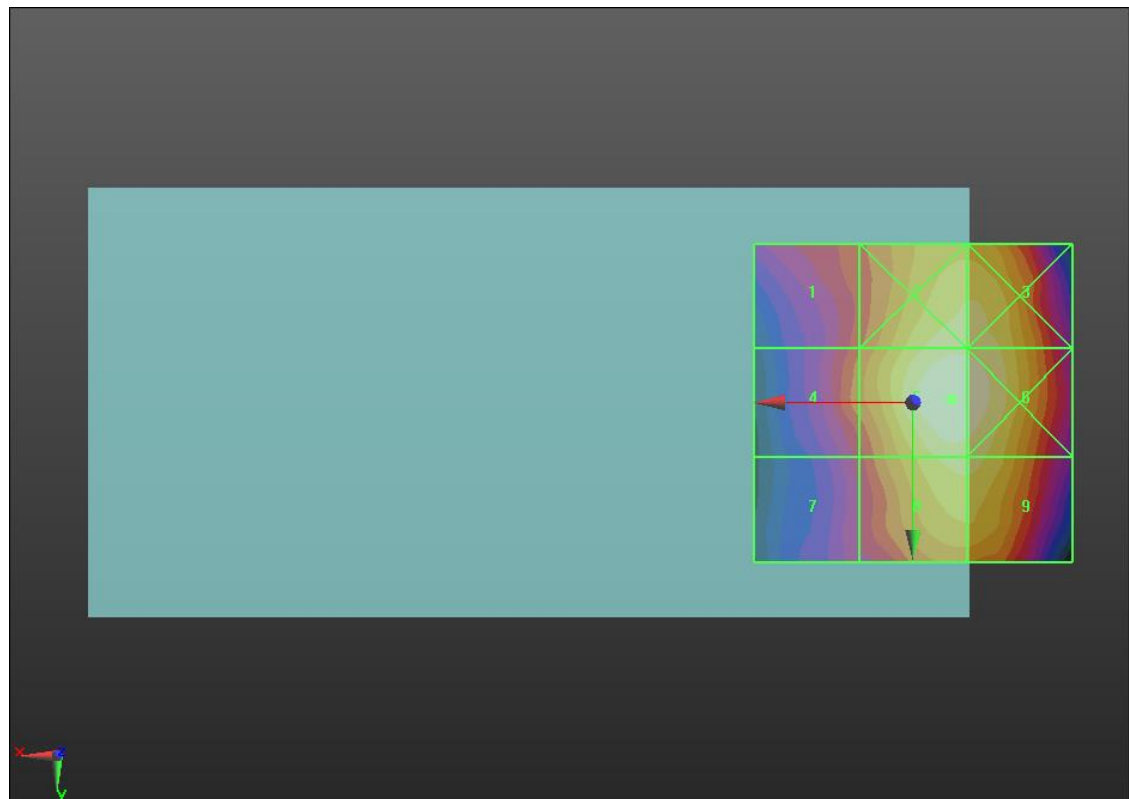
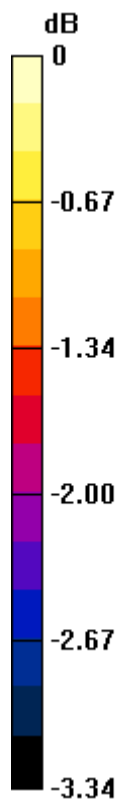
Applied MIF = 3.26 dB

RF audio interference level = 28.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.83 dBV/m	Grid 2 M4 27.93 dBV/m	Grid 3 M4 27.92 dBV/m
Grid 4 M4 27.02 dBV/m	Grid 5 M4 28.2 dBV/m	Grid 6 M4 28.15 dBV/m
Grid 7 M4 26.55 dBV/m	Grid 8 M4 27.87 dBV/m	Grid 9 M4 27.86 dBV/m



0 dB = 25.70 V/m = 28.20 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 = 26.74 V/m; Power Drift = 0.02 dB

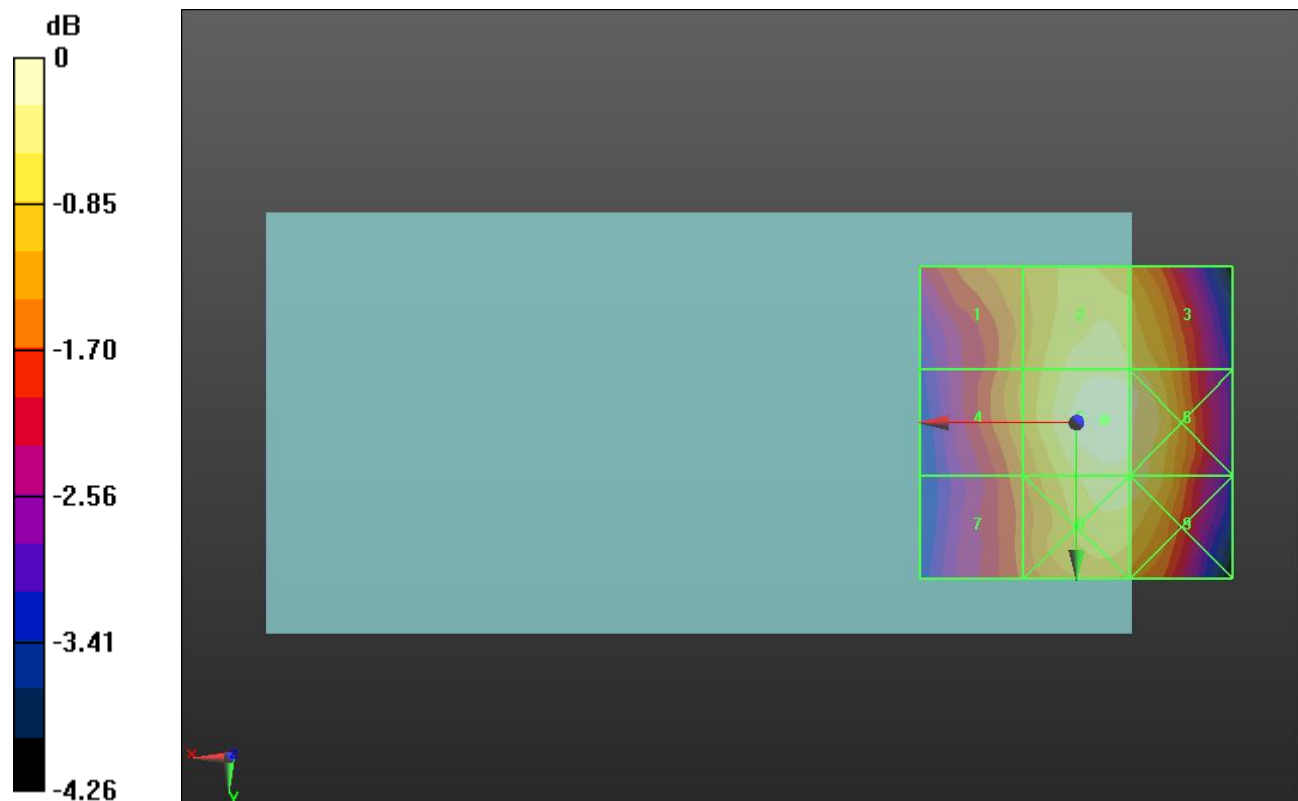
Applied MIF = 3.26 dB

RF audio interference level = 29.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.3 dBV/m	Grid 2 M4 29.09 dBV/m	Grid 3 M4 28.98 dBV/m
Grid 4 M4 28.4 dBV/m	Grid 5 M4 29.44 dBV/m	Grid 6 M4 29.26 dBV/m
Grid 7 M4 28.01 dBV/m	Grid 8 M4 29.09 dBV/m	Grid 9 M4 29.08 dBV/m



0 dB = 29.64 V/m = 29.44 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 = 11.59 V/m; Power Drift = 0.07 dB

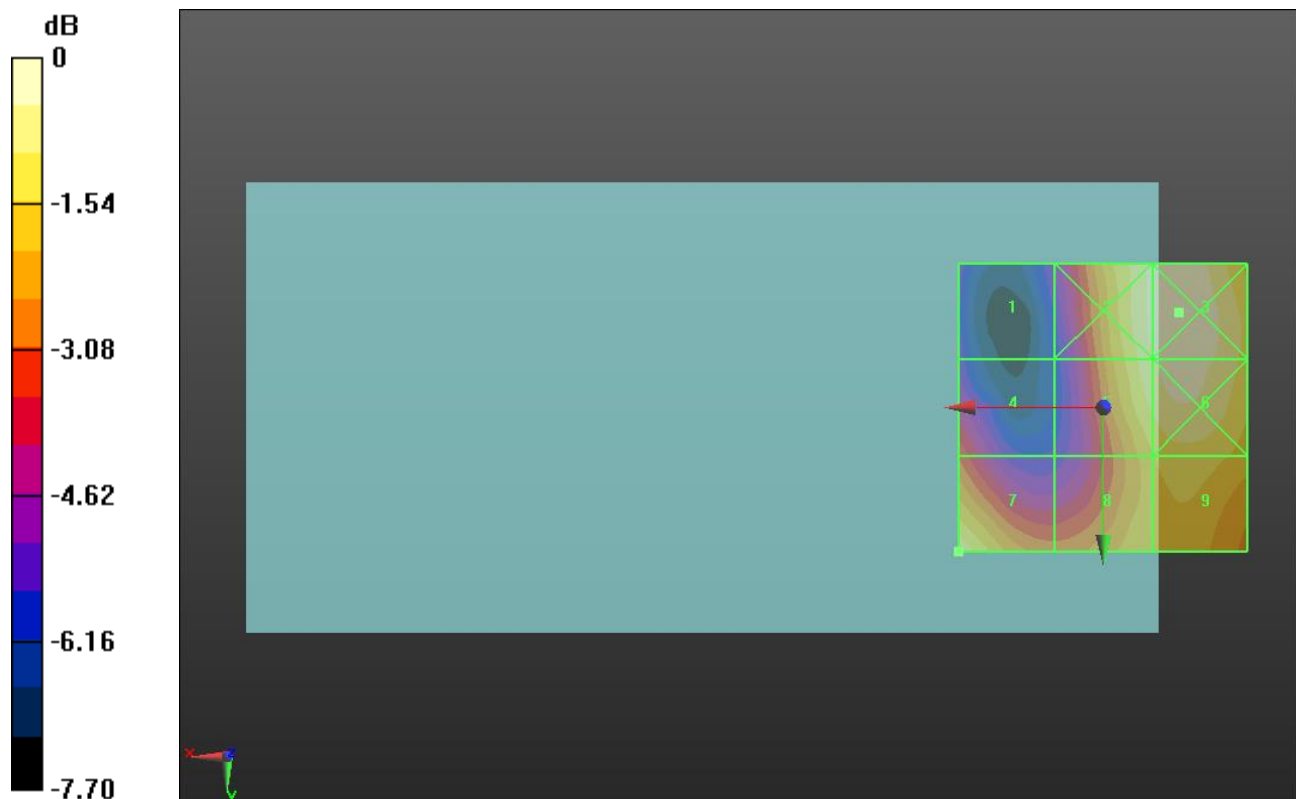
Applied MIF = 3.26 dB

RF audio interference level = 25.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 20.93 dBV/m	Grid 2 M4 25.65 dBV/m	Grid 3 M4 25.98 dBV/m
Grid 4 M4 22.83 dBV/m	Grid 5 M4 25.42 dBV/m	Grid 6 M4 25.75 dBV/m
Grid 7 M4 25.42 dBV/m	Grid 8 M4 24.4 dBV/m	Grid 9 M4 24.81 dBV/m



0 dB = 19.91 V/m = 25.98 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 = 11.45 V/m; Power Drift = -0.06 dB

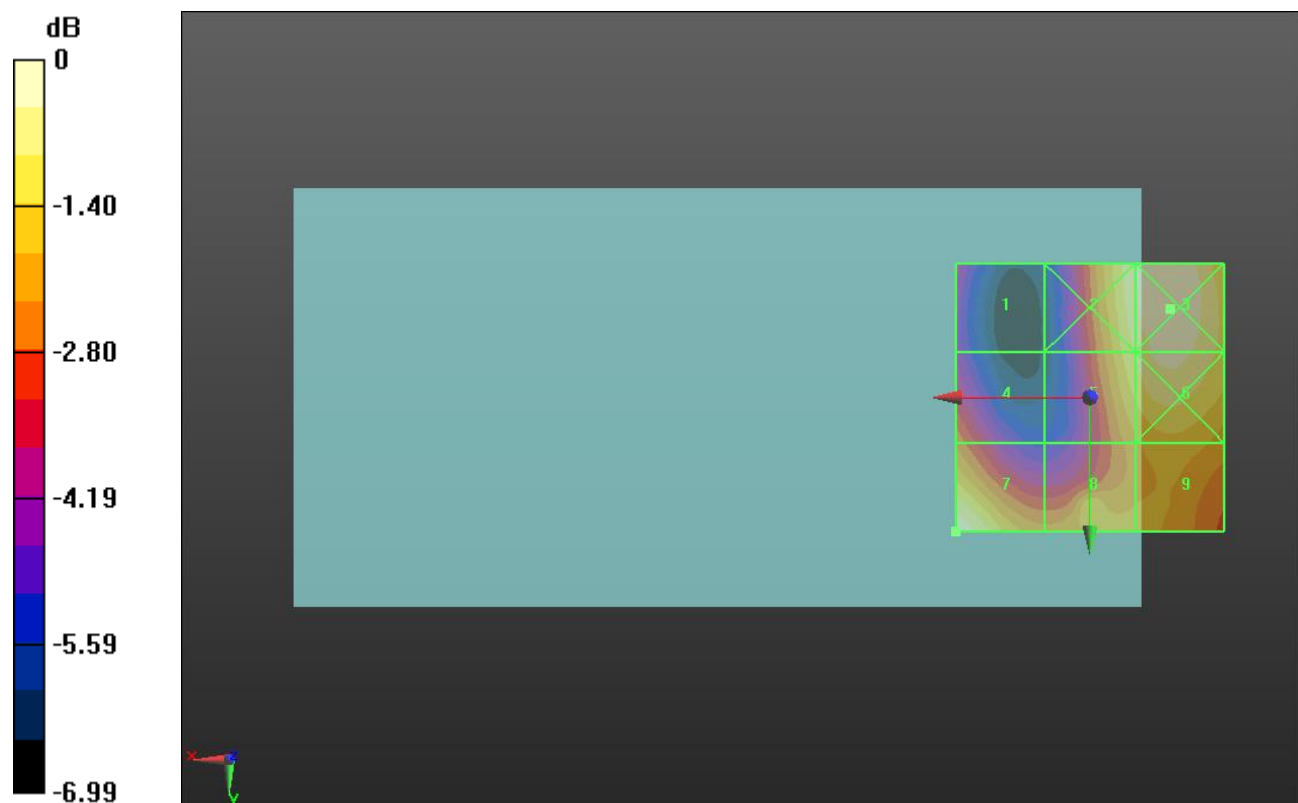
Applied MIF = 3.26 dB

RF audio interference level = 26.50 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.67 dBV/m	Grid 2 M4 26.04 dBV/m	Grid 3 M4 26.52 dBV/m
Grid 4 M4 24.12 dBV/m	Grid 5 M4 25.62 dBV/m	Grid 6 M4 26.25 dBV/m
Grid 7 M4 26.5 dBV/m	Grid 8 M4 25.09 dBV/m	Grid 9 M4 24.99 dBV/m



0 dB = 21.17 V/m = 26.51 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 = 12.89 V/m; Power Drift = -0.01 dB

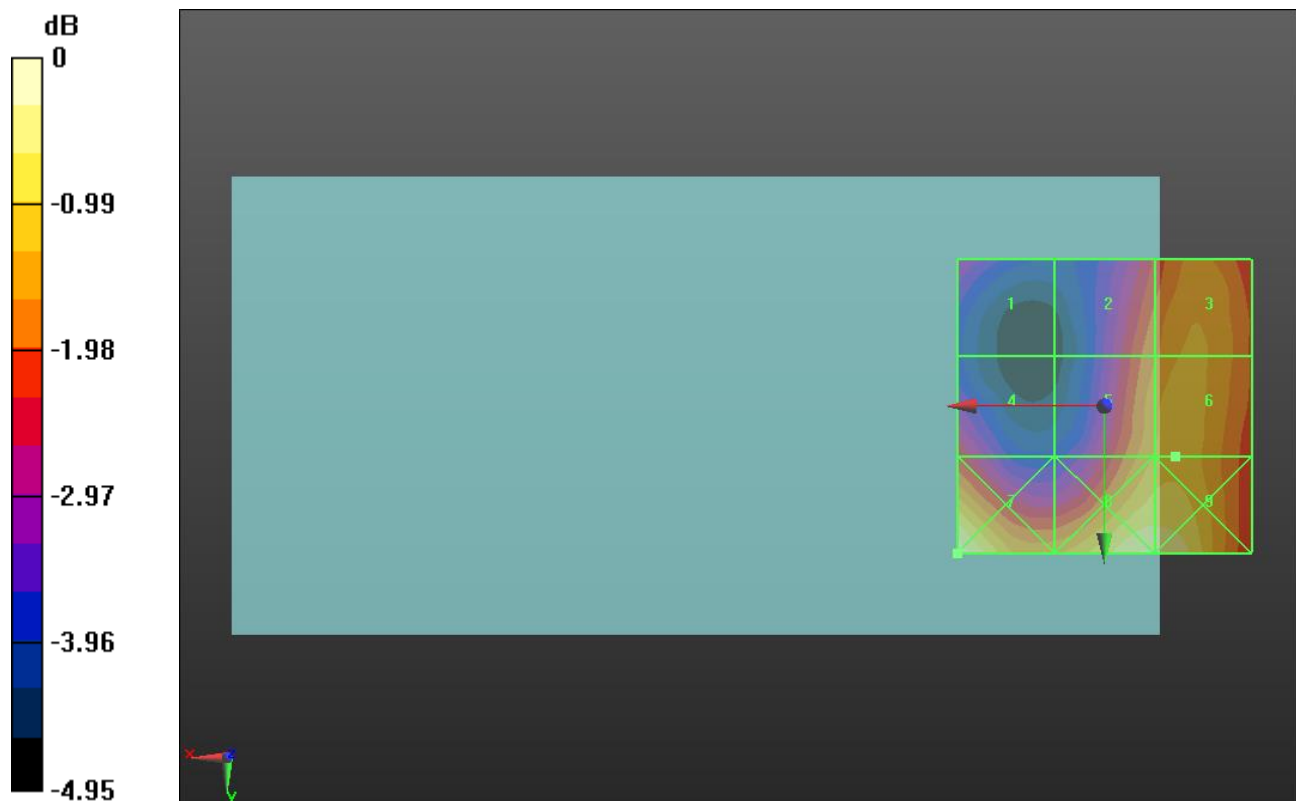
Applied MIF = 3.26 dB

RF audio interference level = 25.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.9 dBV/m	Grid 2 M4 25.06 dBV/m	Grid 3 M4 25.5 dBV/m
Grid 4 M4 24.47 dBV/m	Grid 5 M4 25.48 dBV/m	Grid 6 M4 25.64 dBV/m
Grid 7 M4 26.75 dBV/m	Grid 8 M4 26.48 dBV/m	Grid 9 M4 26.48 dBV/m



0 dB = 21.76 V/m = 26.75 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 = 18.39 V/m; Power Drift = 0.12 dB

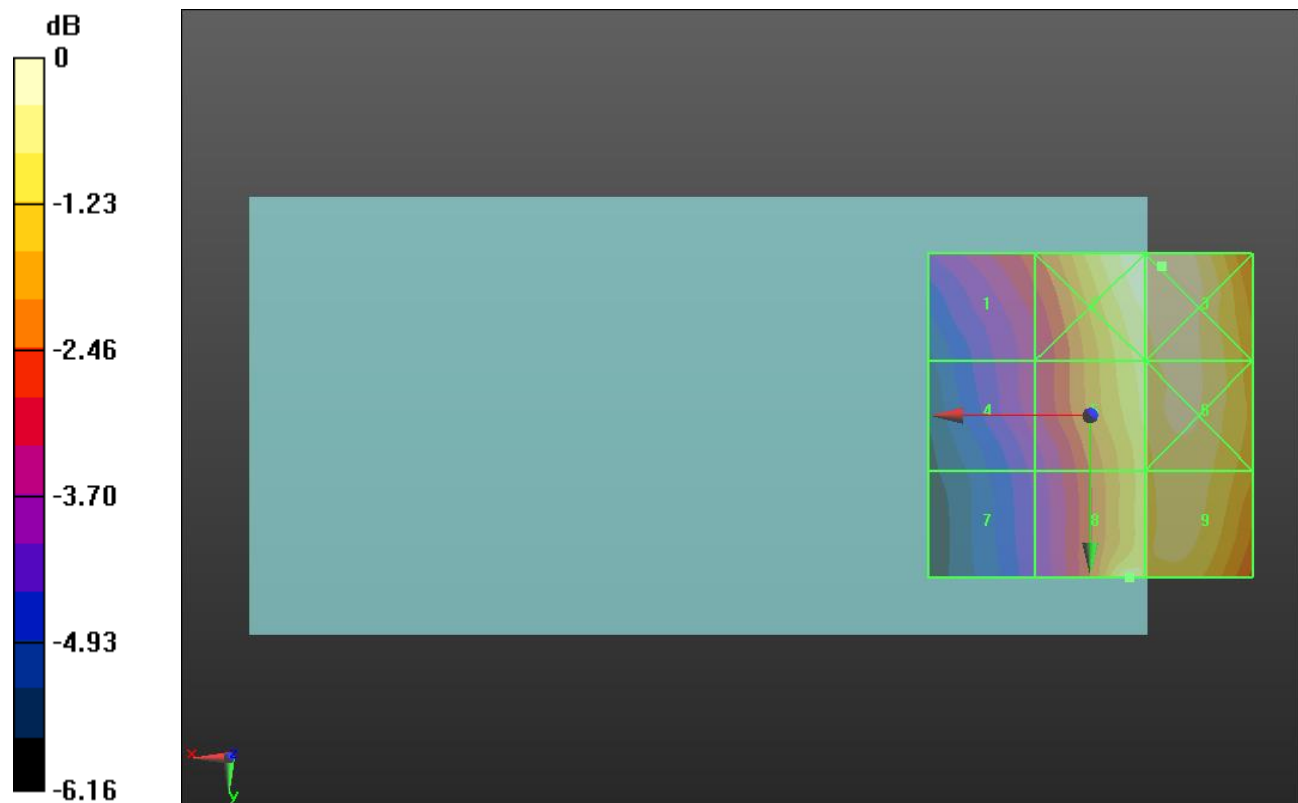
Applied MIF = 3.26 dB

RF audio interference level = 28.30 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.16 dBV/m	Grid 2 M4 28.69 dBV/m	Grid 3 M4 28.73 dBV/m
Grid 4 M4 25.42 dBV/m	Grid 5 M4 28.14 dBV/m	Grid 6 M4 28.46 dBV/m
Grid 7 M4 24.79 dBV/m	Grid 8 M4 28.3 dBV/m	Grid 9 M4 28.18 dBV/m



0 dB = 27.33 V/m = 28.73 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 = 19.20 V/m; Power Drift = 0.05 dB

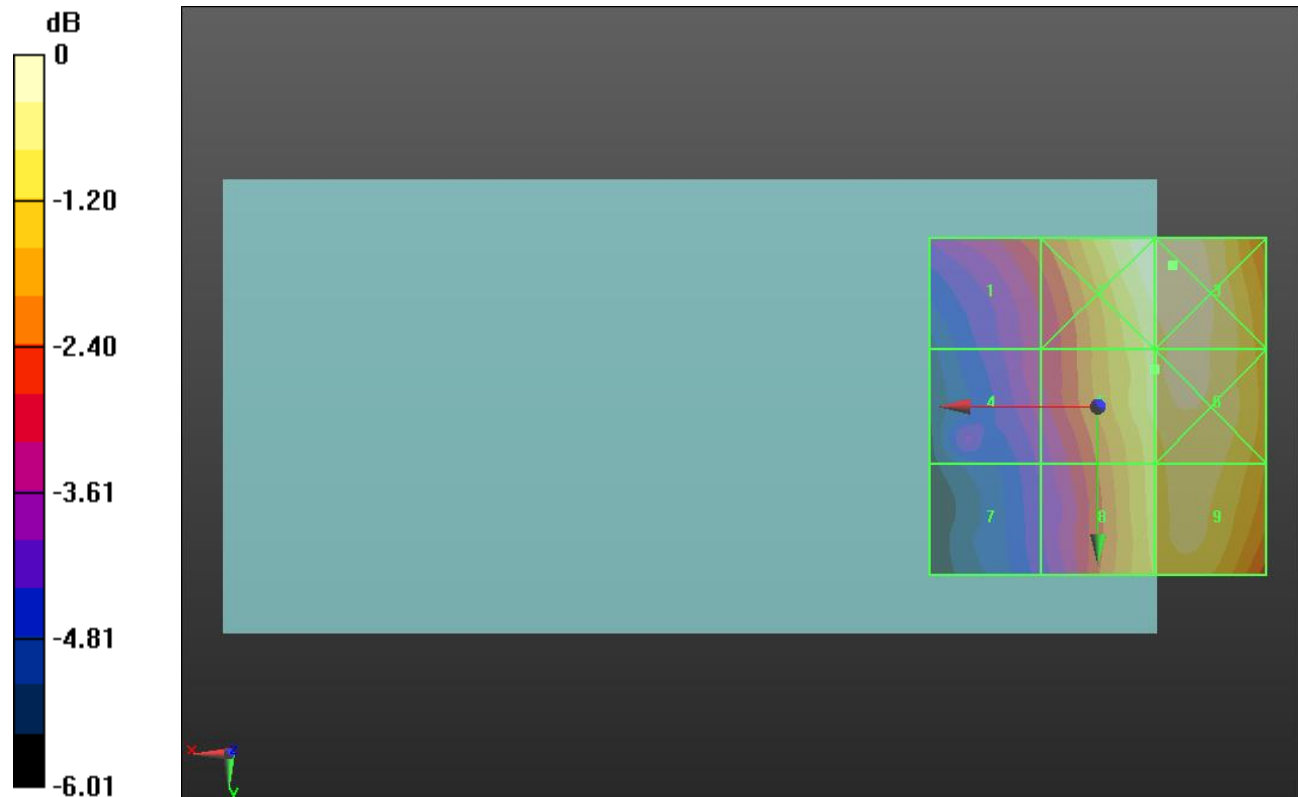
Applied MIF = 3.26 dB

RF audio interference level = 28.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.53 dBV/m	Grid 2 M4 28.88 dBV/m	Grid 3 M4 28.95 dBV/m
Grid 4 M4 25.76 dBV/m	Grid 5 M4 28.39 dBV/m	Grid 6 M4 28.67 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 27.99 dBV/m	Grid 9 M4 28.36 dBV/m



0 dB = 28.02 V/m = 28.95 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 = 19.97 V/m; Power Drift = -0.07 dB

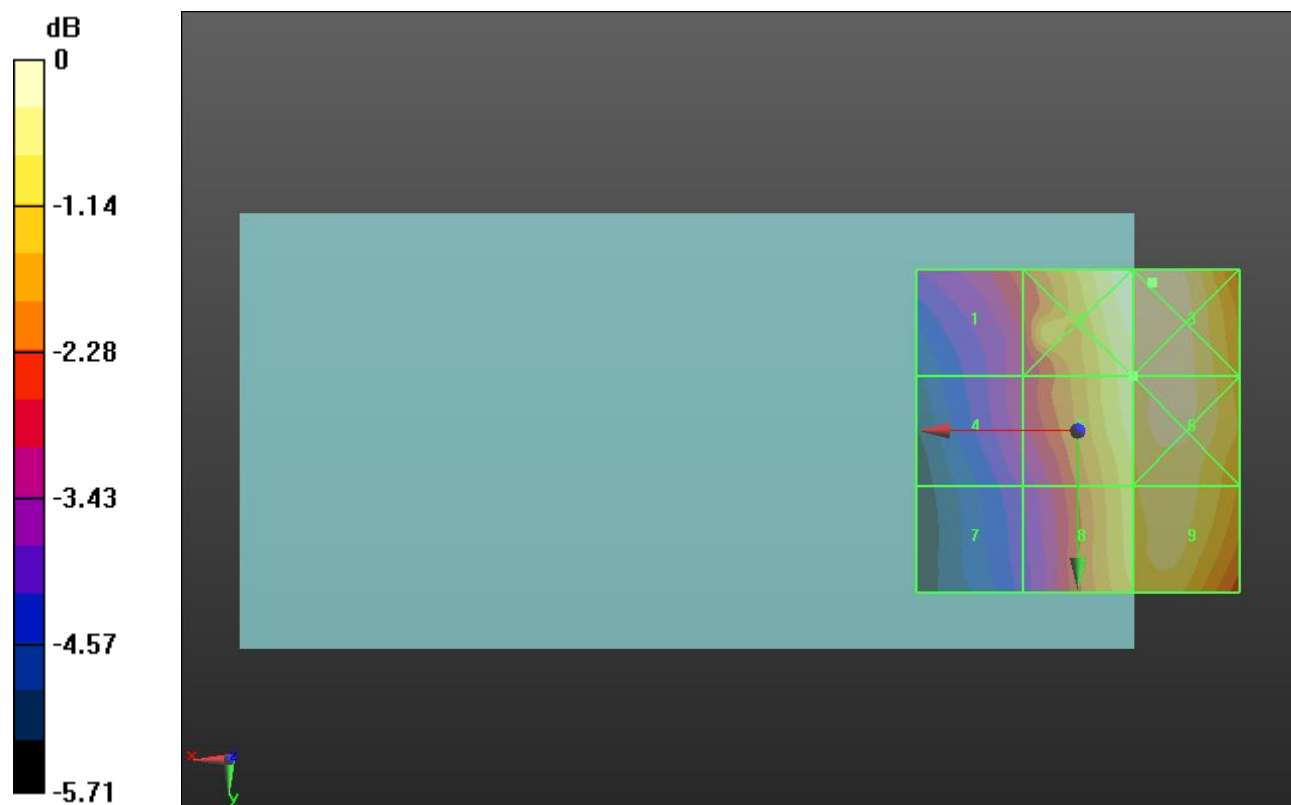
Applied MIF = 3.26 dB

RF audio interference level = 28.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.51 dBV/m	Grid 2 M4 28.81 dBV/m	Grid 3 M4 28.87 dBV/m
Grid 4 M4 25.85 dBV/m	Grid 5 M4 28.4 dBV/m	Grid 6 M4 28.73 dBV/m
Grid 7 M4 25.19 dBV/m	Grid 8 M4 28.01 dBV/m	Grid 9 M4 28.3 dBV/m



0 dB = 27.75 V/m = 28.87 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 = 11.20 V/m; Power Drift = -0.04 dB

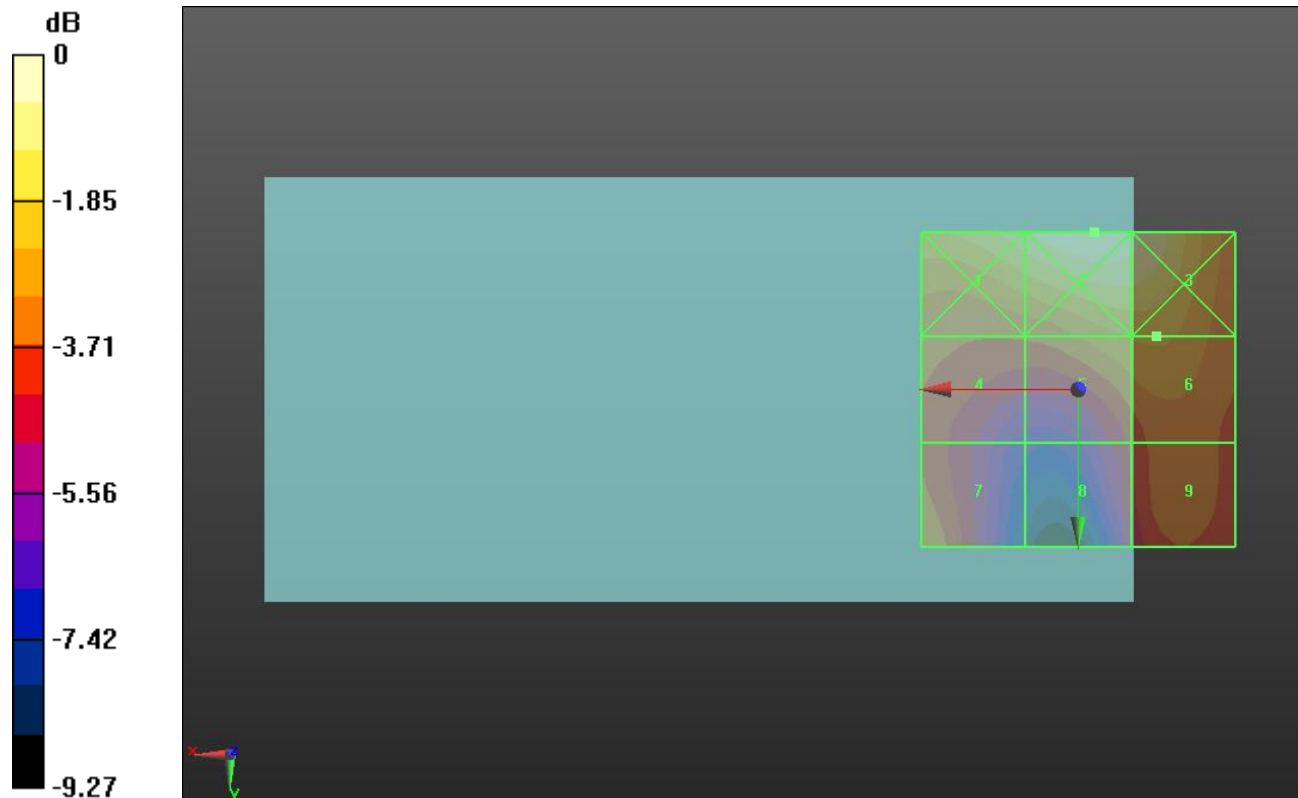
Applied MIF = -1.44 dB

RF audio interference level = 20.44 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.07 dBV/m	Grid 2 M4 22.78 dBV/m	Grid 3 M4 22.42 dBV/m
Grid 4 M4 19.34 dBV/m	Grid 5 M4 20.37 dBV/m	Grid 6 M4 20.44 dBV/m
Grid 7 M4 19.61 dBV/m	Grid 8 M4 18.67 dBV/m	Grid 9 M4 19.44 dBV/m



0 dB = 13.77 V/m = 22.78 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 = 9.845 V/m; Power Drift = -0.06 dB

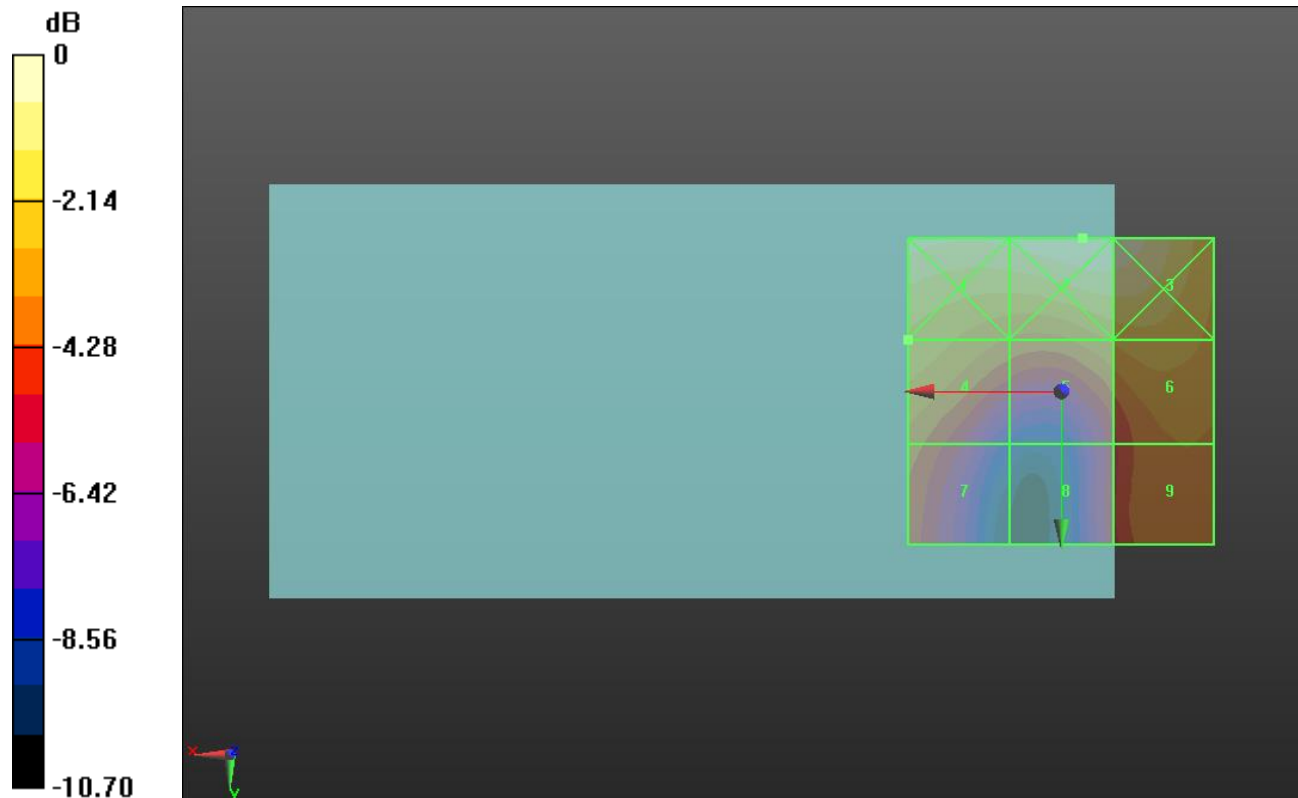
Applied MIF = -1.44 dB

RF audio interference level = 20.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.57 dBV/m	Grid 2 M4 22.87 dBV/m	Grid 3 M4 22.69 dBV/m
Grid 4 M4 20.59 dBV/m	Grid 5 M4 20.19 dBV/m	Grid 6 M4 20.5 dBV/m
Grid 7 M4 19.03 dBV/m	Grid 8 M4 17.77 dBV/m	Grid 9 M4 19.33 dBV/m



0 dB = 13.92 V/m = 22.87 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 = 10.08 V/m; Power Drift = 0.00 dB

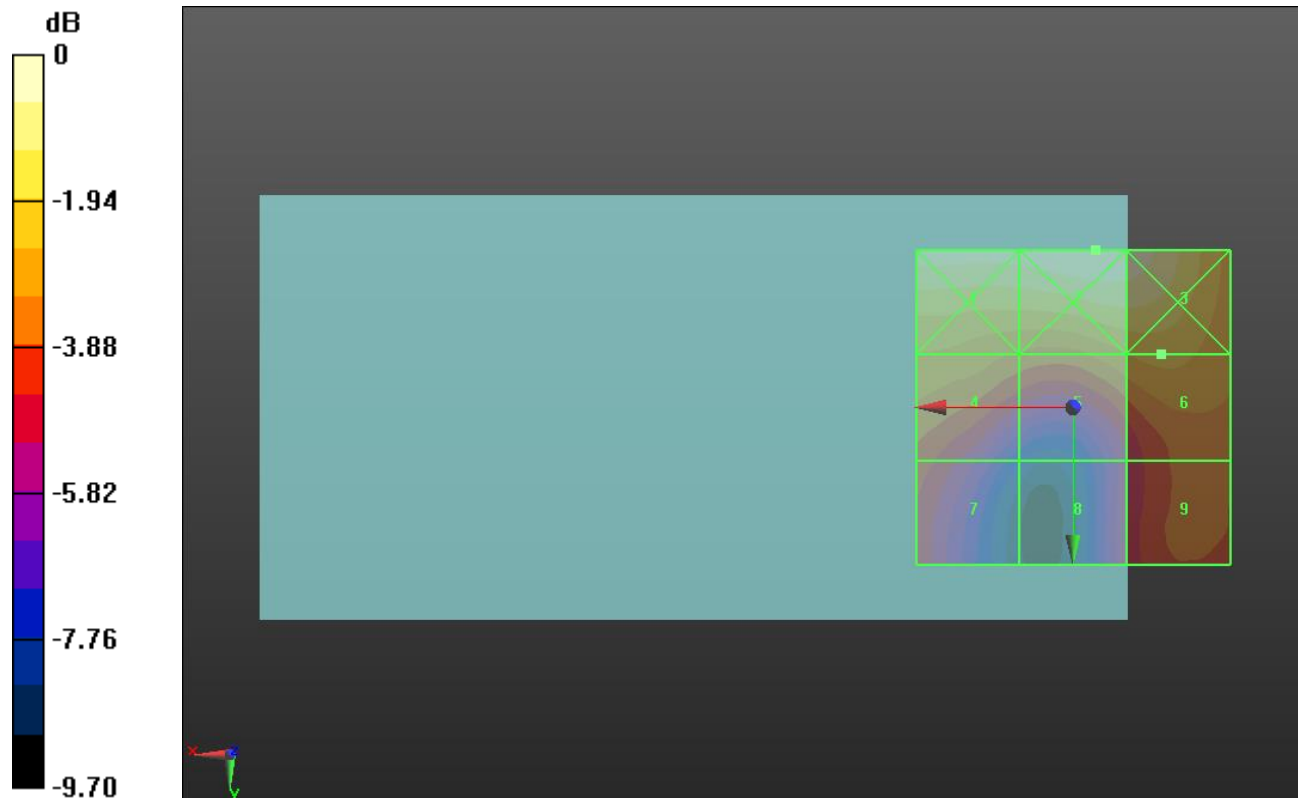
Applied MIF = -1.44 dB

RF audio interference level = 20.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.44 dBV/m	Grid 2 M4 22.62 dBV/m	Grid 3 M4 22.44 dBV/m
Grid 4 M4 20.03 dBV/m	Grid 5 M4 20.01 dBV/m	Grid 6 M4 20.27 dBV/m
Grid 7 M4 18.53 dBV/m	Grid 8 M4 17.48 dBV/m	Grid 9 M4 18.96 dBV/m



0 dB = 13.52 V/m = 22.62 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 = 9.194 V/m; Power Drift = 0.03 dB

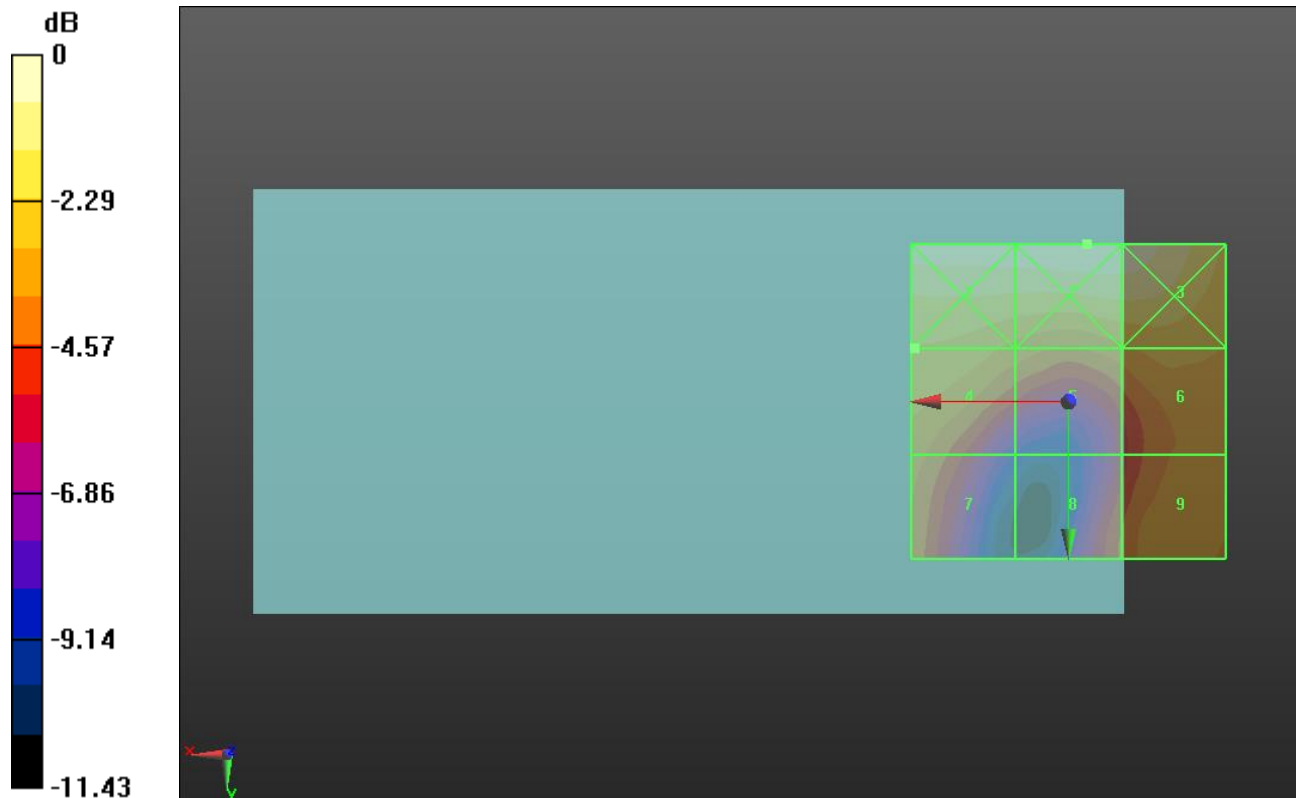
Applied MIF = -1.44 dB

RF audio interference level = 19.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.02 dBV/m	Grid 2 M4 22.11 dBV/m	Grid 3 M4 21.95 dBV/m
Grid 4 M4 19.79 dBV/m	Grid 5 M4 18.9 dBV/m	Grid 6 M4 19.38 dBV/m
Grid 7 M4 18.66 dBV/m	Grid 8 M4 17.73 dBV/m	Grid 9 M4 18.8 dBV/m



0 dB = 12.76 V/m = 22.12 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 = 8.903 V/m; Power Drift = -0.04 dB

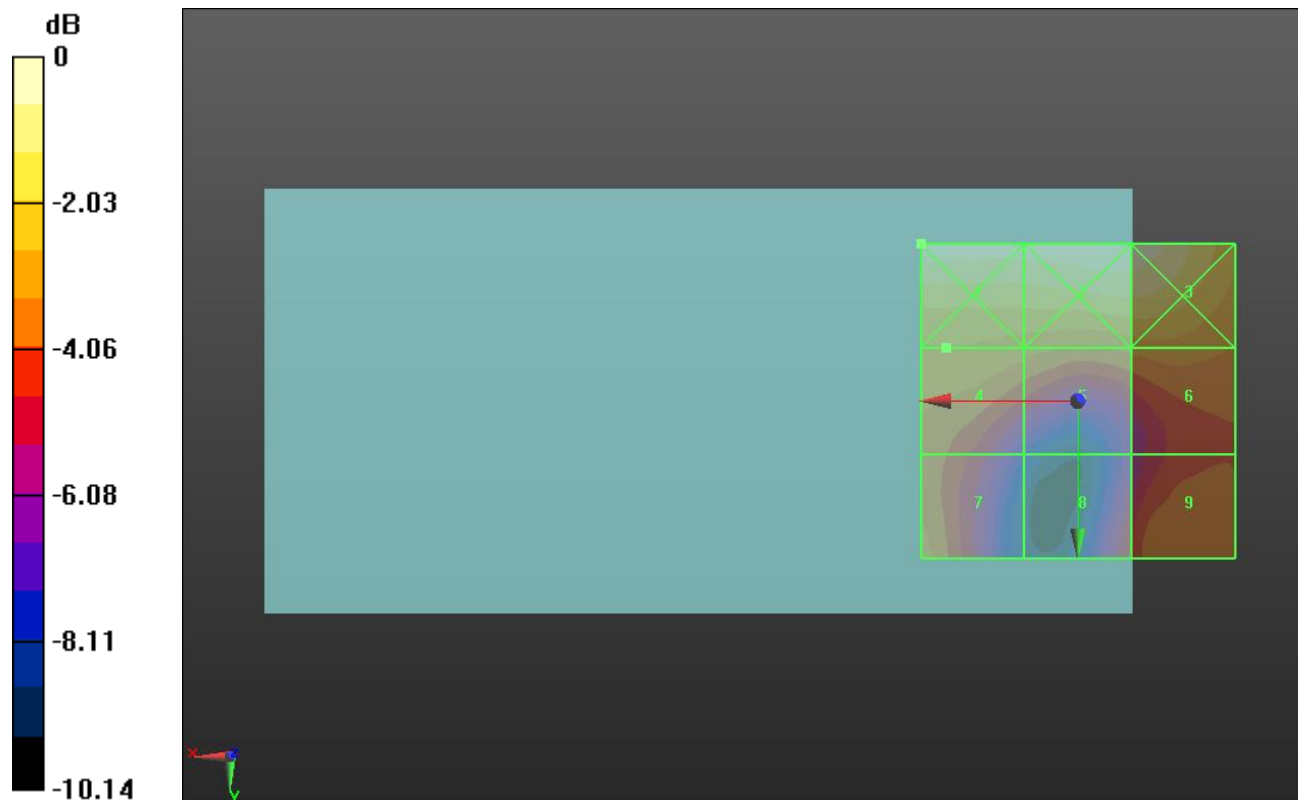
Applied MIF = -1.44 dB

RF audio interference level = 18.97 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.68 dBV/m	Grid 2 M4 21.58 dBV/m	Grid 3 M4 21.46 dBV/m
Grid 4 M4 18.97 dBV/m	Grid 5 M4 18.61 dBV/m	Grid 6 M4 18.76 dBV/m
Grid 7 M4 18.69 dBV/m	Grid 8 M4 17.15 dBV/m	Grid 9 M4 18.24 dBV/m



0 dB = 12.14 V/m = 21.68 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 = 11.94 V/m; Power Drift = 0.03 dB

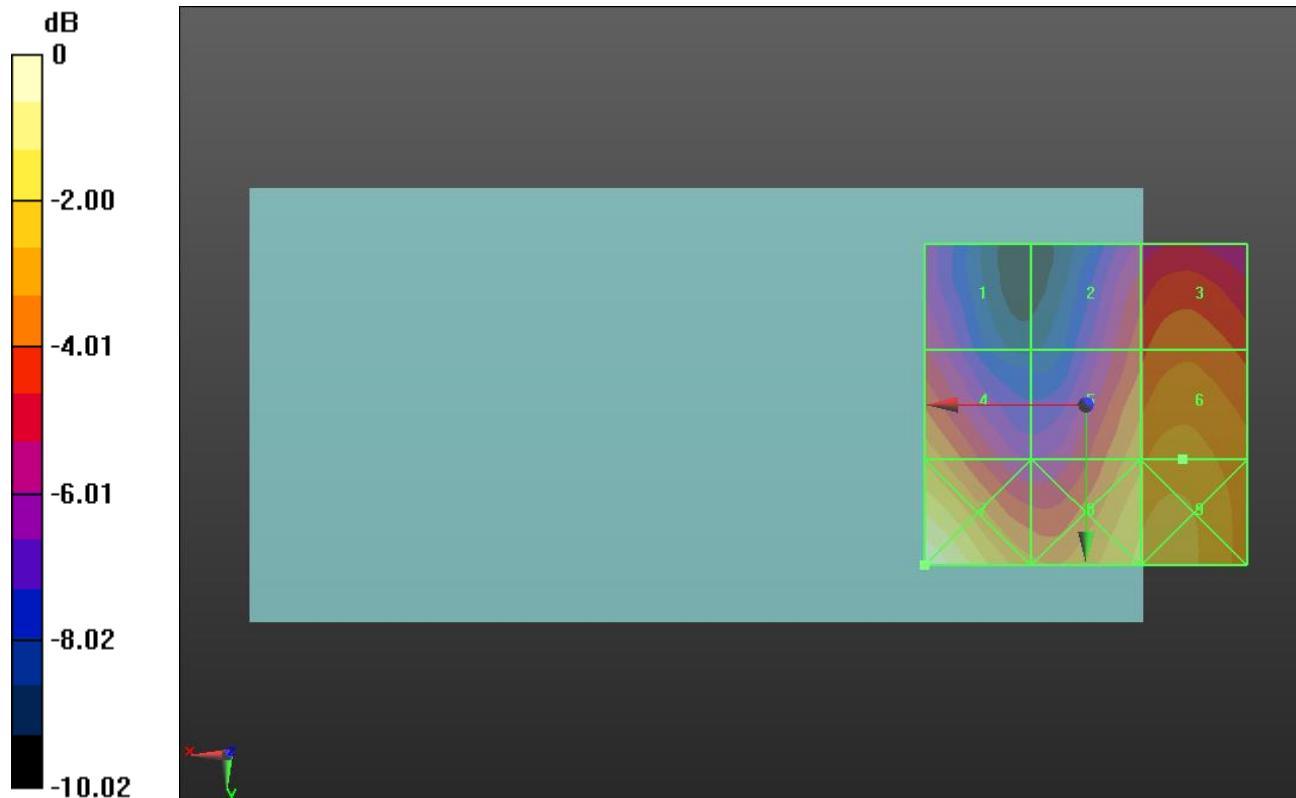
Applied MIF = -2.02 dB

RF audio interference level = 21.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.92 dBV/m	Grid 2 M4 19.89 dBV/m	Grid 3 M4 20.63 dBV/m
Grid 4 M4 21.34 dBV/m	Grid 5 M4 21.27 dBV/m	Grid 6 M4 21.78 dBV/m
Grid 7 M4 24.09 dBV/m	Grid 8 M4 22.26 dBV/m	Grid 9 M4 22.4 dBV/m



0 dB = 16.01 V/m = 24.09 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 = 12.60 V/m; Power Drift = 0.04 dB

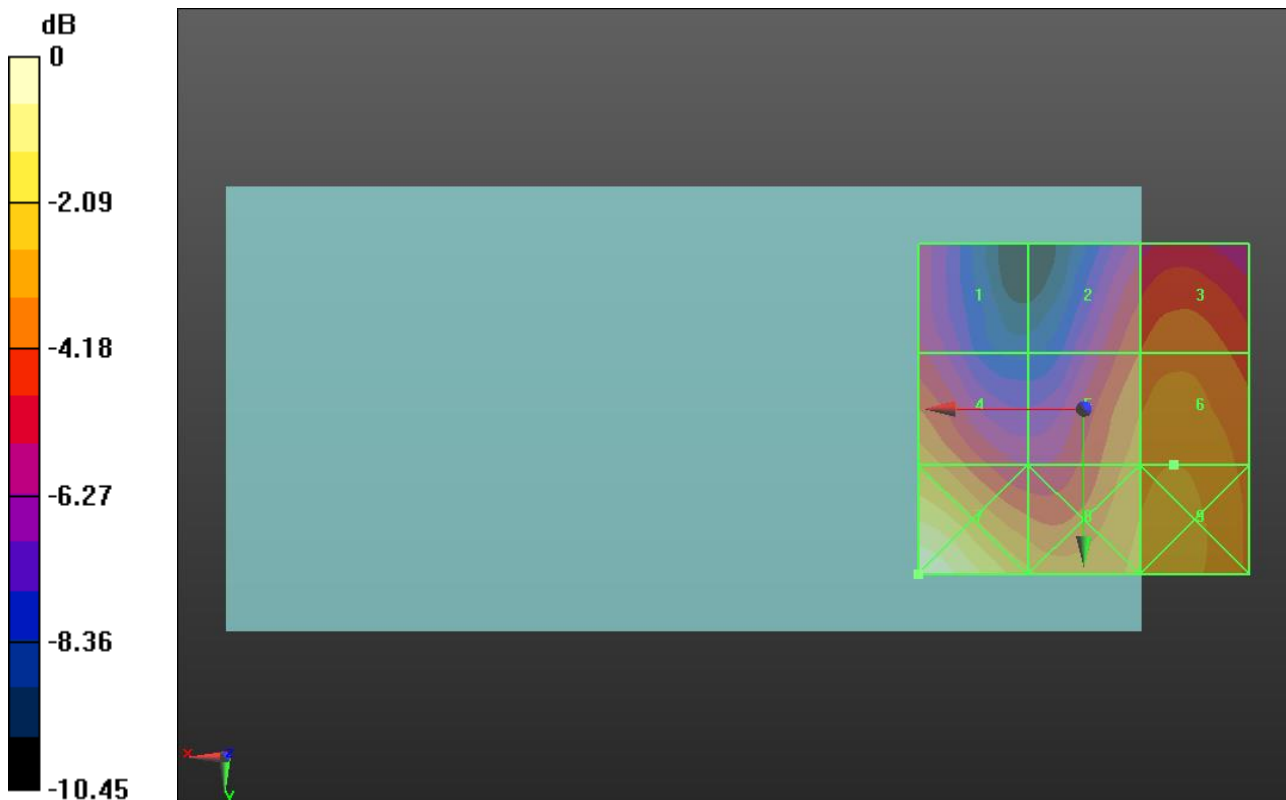
Applied MIF = -2.02 dB

RF audio interference level = 21.32 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.79 dBV/m	Grid 2 M4 19.96 dBV/m	Grid 3 M4 20.47 dBV/m
Grid 4 M4 21.23 dBV/m	Grid 5 M4 21.01 dBV/m	Grid 6 M4 21.31 dBV/m
Grid 7 M4 24.09 dBV/m	Grid 8 M4 21.55 dBV/m	Grid 9 M4 21.66 dBV/m



0 dB = 16.02 V/m = 24.09 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 = 11.89 V/m; Power Drift = -0.08 dB

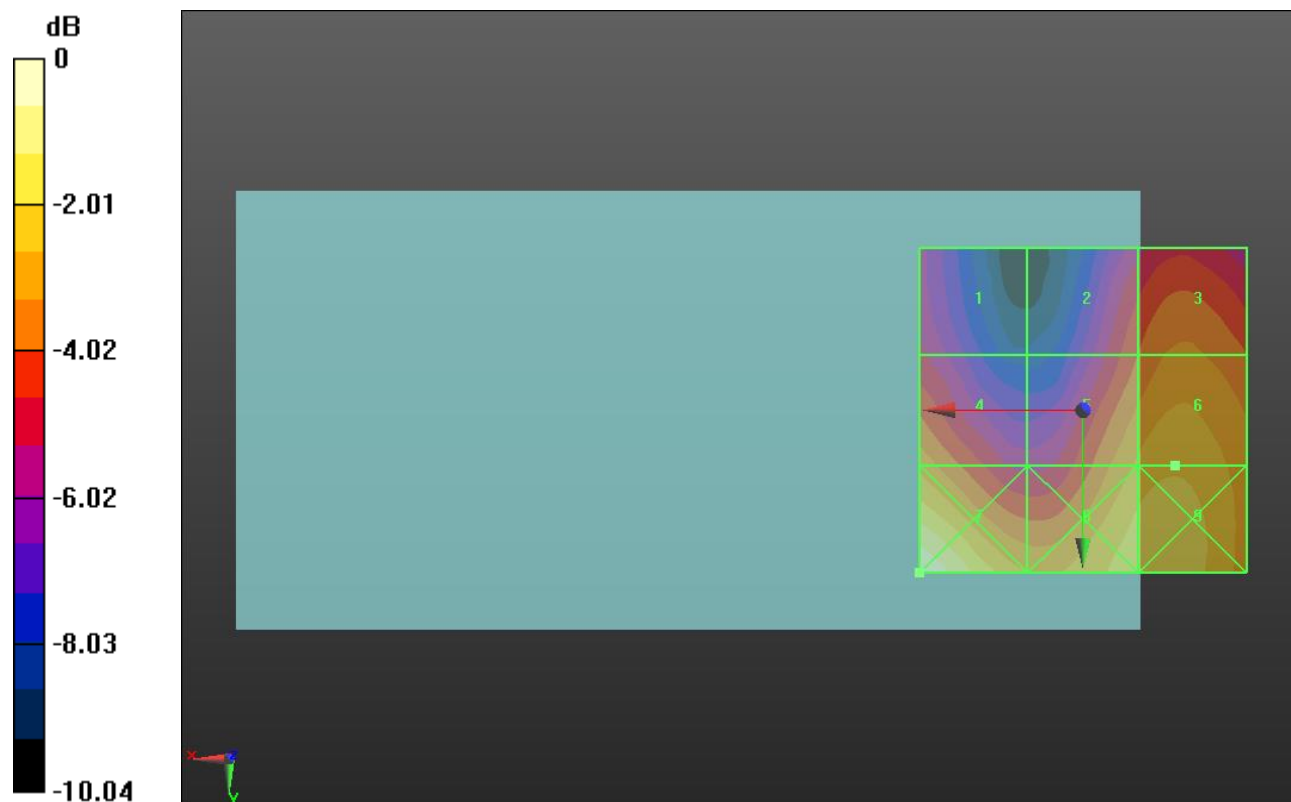
Applied MIF = -2.02 dB

RF audio interference level = 21.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.48 dBV/m	Grid 2 M4 19.65 dBV/m	Grid 3 M4 20.43 dBV/m
Grid 4 M4 20.76 dBV/m	Grid 5 M4 21.09 dBV/m	Grid 6 M4 21.5 dBV/m
Grid 7 M4 23.61 dBV/m	Grid 8 M4 22.08 dBV/m	Grid 9 M4 22.16 dBV/m



0 dB = 15.15 V/m = 23.61 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 = 12.30 V/m; Power Drift = -0.07 dB

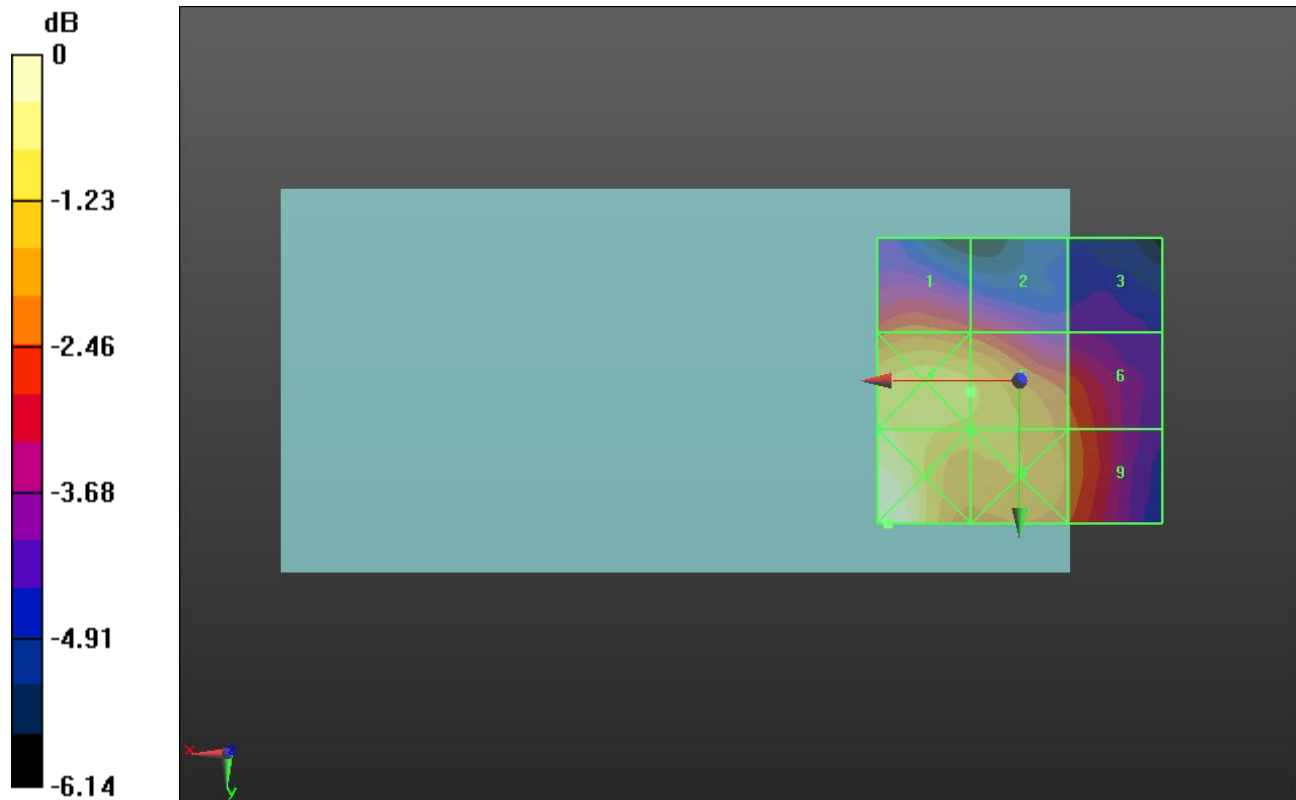
Applied MIF = -3.15 dB

RF audio interference level = 18.30 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.21 dBV/m	Grid 2 M4 16.78 dBV/m	Grid 3 M4 15.37 dBV/m
Grid 4 M4 18.67 dBV/m	Grid 5 M4 18.3 dBV/m	Grid 6 M4 17.19 dBV/m
Grid 7 M4 19.42 dBV/m	Grid 8 M4 18.03 dBV/m	Grid 9 M4 17.31 dBV/m



0 dB = 9.352 V/m = 19.42 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 = 12.90 V/m; Power Drift = -0.15 dB

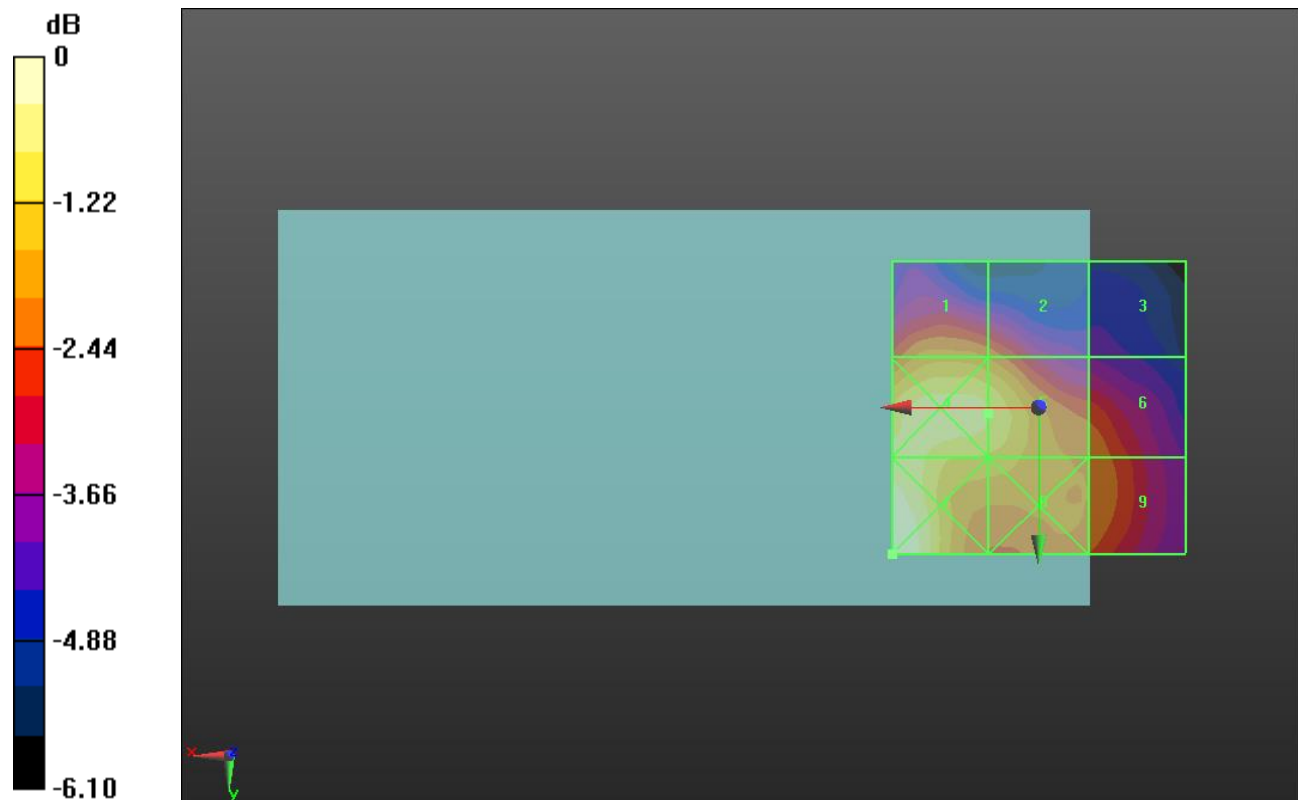
Applied MIF = -3.15 dB

RF audio interference level = 18.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.82 dBV/m	Grid 2 M4 17.53 dBV/m	Grid 3 M4 15.55 dBV/m
Grid 4 M4 19.03 dBV/m	Grid 5 M4 18.81 dBV/m	Grid 6 M4 17.47 dBV/m
Grid 7 M4 19.58 dBV/m	Grid 8 M4 18.29 dBV/m	Grid 9 M4 17.56 dBV/m



0 dB = 9.530 V/m = 19.58 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 = 12.96 V/m; Power Drift = -0.05 dB

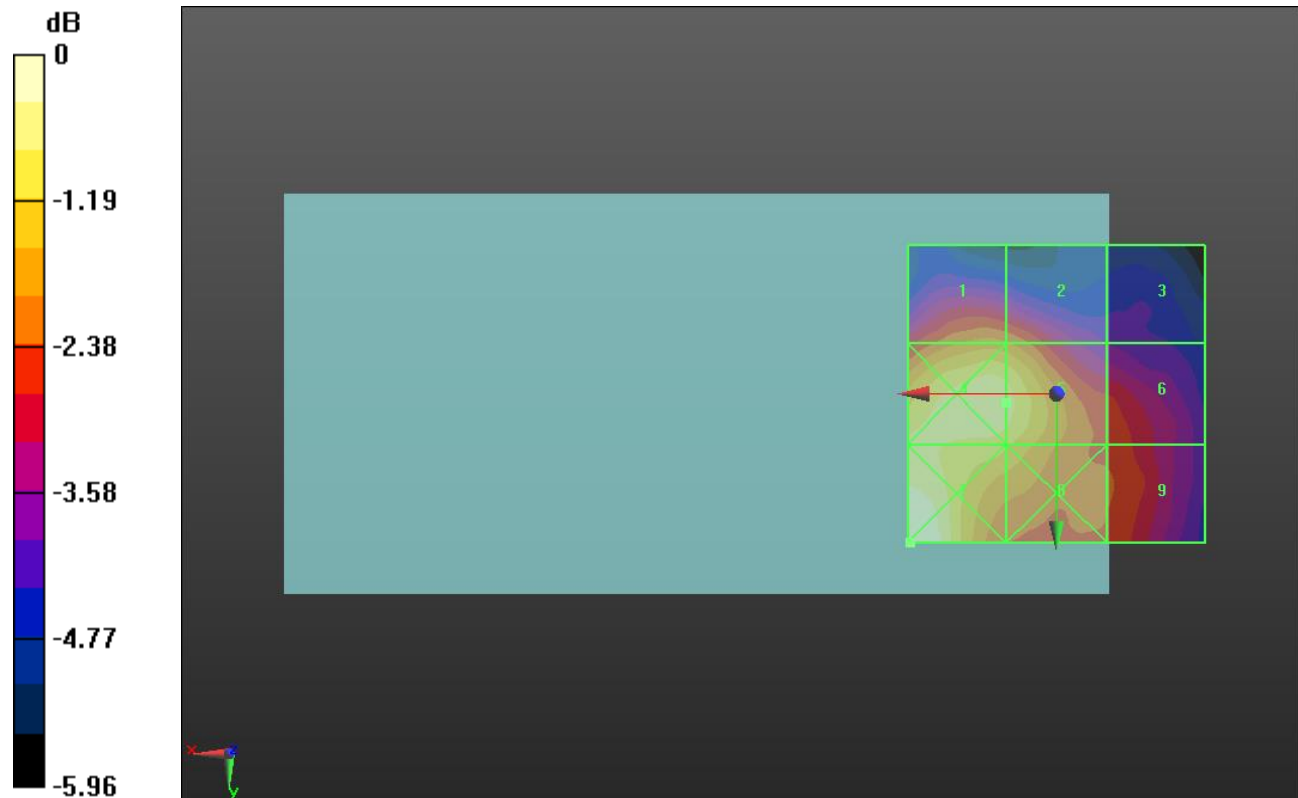
Applied MIF = -3.15 dB

RF audio interference level = 18.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.77 dBV/m	Grid 2 M4 17.63 dBV/m	Grid 3 M4 15.59 dBV/m
Grid 4 M4 19.11 dBV/m	Grid 5 M4 18.94 dBV/m	Grid 6 M4 17.09 dBV/m
Grid 7 M4 19.54 dBV/m	Grid 8 M4 18.43 dBV/m	Grid 9 M4 17.21 dBV/m



0 dB = 9.481 V/m = 19.54 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 = 14.06 V/m; Power Drift = 0.03 dB

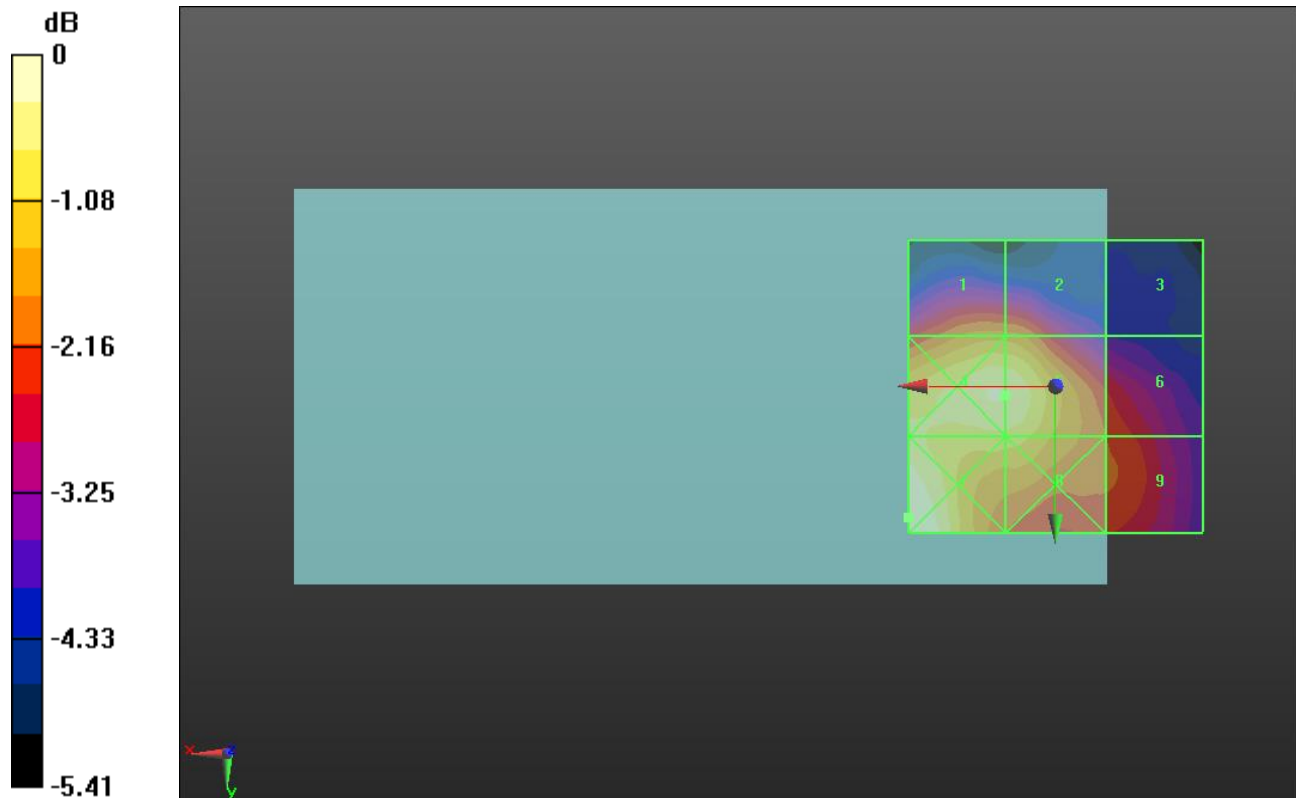
Applied MIF = -3.15 dB

RF audio interference level = 19.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.2 dBV/m	Grid 2 M4 18.16 dBV/m	Grid 3 M4 15.91 dBV/m
Grid 4 M4 19.45 dBV/m	Grid 5 M4 19.41 dBV/m	Grid 6 M4 17.63 dBV/m
Grid 7 M4 19.77 dBV/m	Grid 8 M4 18.92 dBV/m	Grid 9 M4 17.71 dBV/m



0 dB = 9.744 V/m = 19.77 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 = 15.05 V/m; Power Drift = -0.16 dB

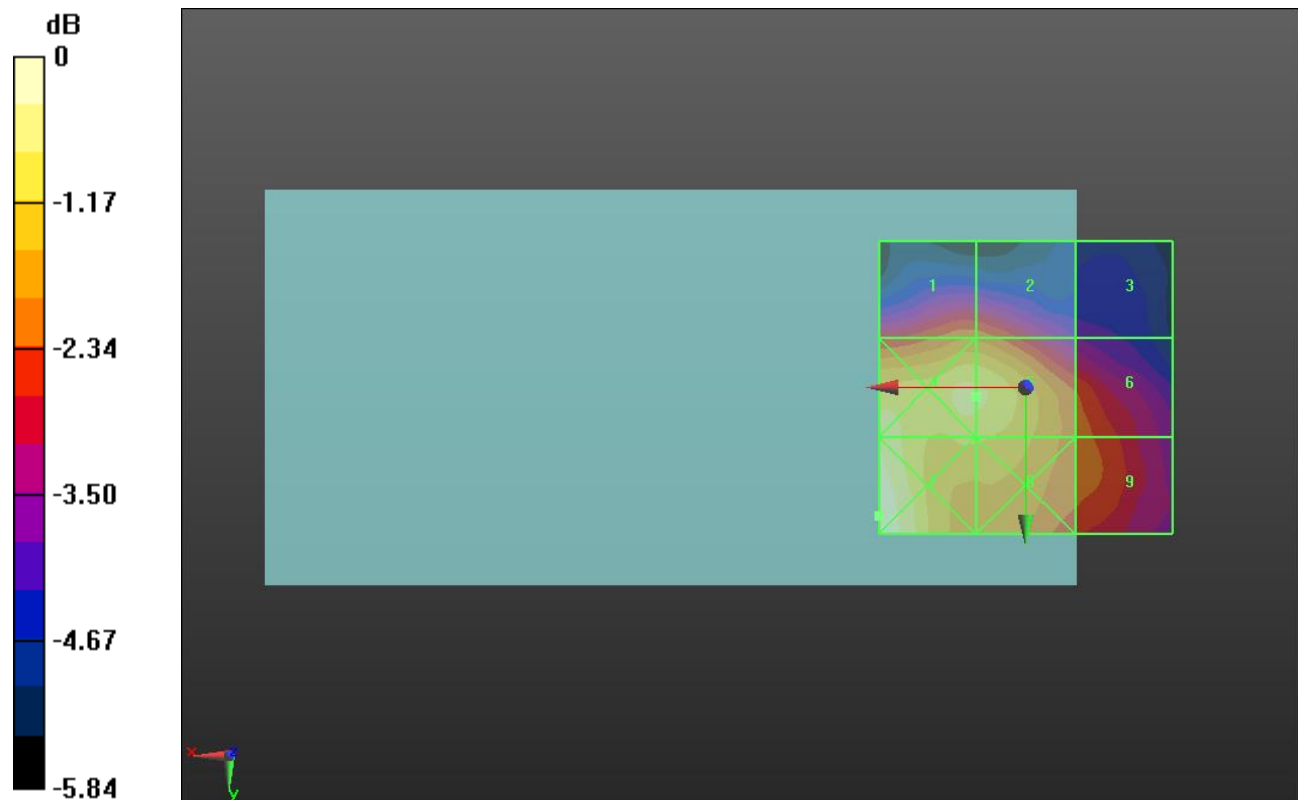
Applied MIF = -3.15 dB

RF audio interference level = 19.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.22 dBV/m	Grid 2 M4 18.18 dBV/m	Grid 3 M4 16.37 dBV/m
Grid 4 M4 19.75 dBV/m	Grid 5 M4 19.54 dBV/m	Grid 6 M4 18.11 dBV/m
Grid 7 M4 20.2 dBV/m	Grid 8 M4 19.11 dBV/m	Grid 9 M4 18.15 dBV/m



0 dB = 10.24 V/m = 20.21 dBV/m

HAC-RF Emission 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 = 14.84 V/m; Power Drift = 0.02 dB

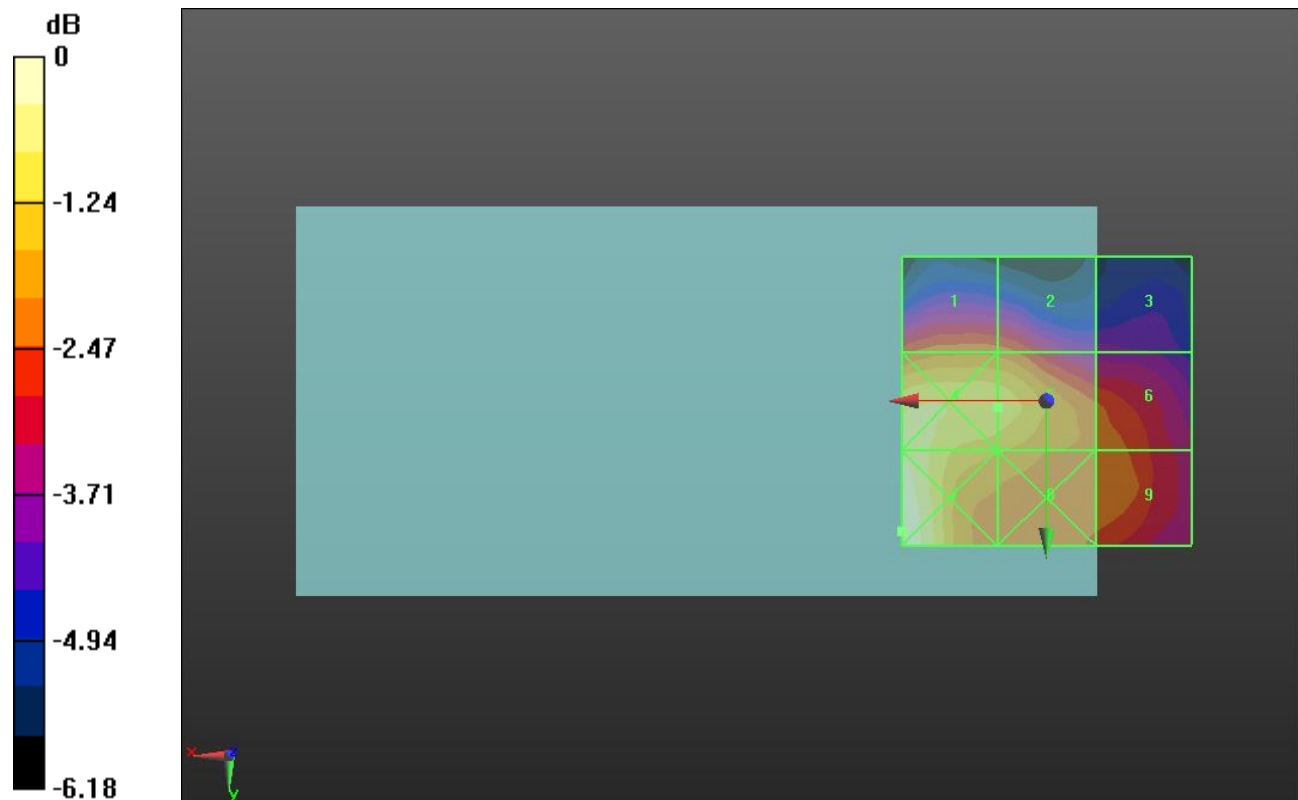
Applied MIF = -3.15 dB

RF audio interference level = 19.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.2 dBV/m	Grid 2 M4 18.11 dBV/m	Grid 3 M4 16.45 dBV/m
Grid 4 M4 19.86 dBV/m	Grid 5 M4 19.41 dBV/m	Grid 6 M4 18.14 dBV/m
Grid 7 M4 20.33 dBV/m	Grid 8 M4 18.76 dBV/m	Grid 9 M4 18.15 dBV/m



0 dB = 10.39 V/m = 20.33 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 = 15.94 V/m; Power Drift = -0.03 dB

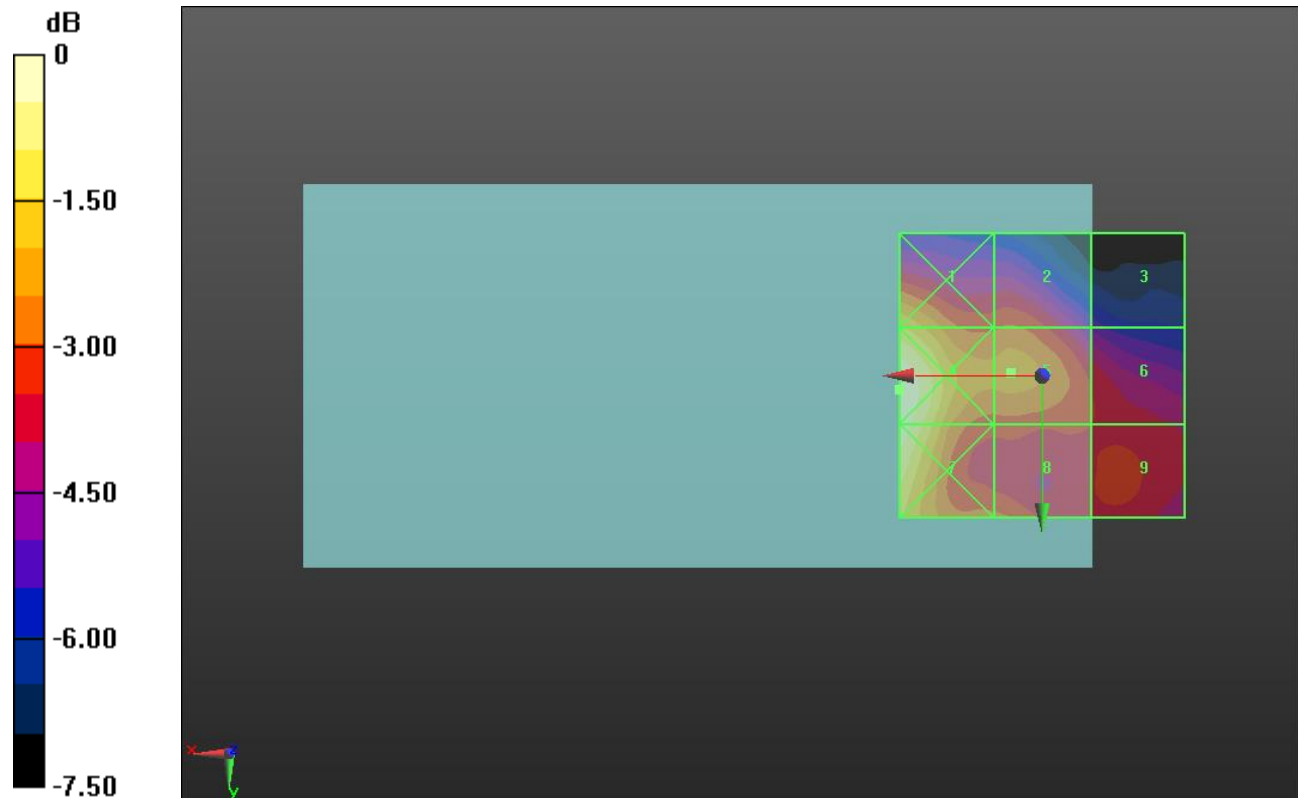
Applied MIF = -3.15 dB

RF audio interference level = 19.14 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.01 dBV/m	Grid 2 M4 18.46 dBV/m	Grid 3 M4 16.32 dBV/m
Grid 4 M4 21.38 dBV/m	Grid 5 M4 19.14 dBV/m	Grid 6 M4 17.95 dBV/m
Grid 7 M4 21.26 dBV/m	Grid 8 M4 18.62 dBV/m	Grid 9 M4 18.05 dBV/m



0 dB = 11.72 V/m = 21.38 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 = 15.77 V/m; Power Drift = 0.05 dB

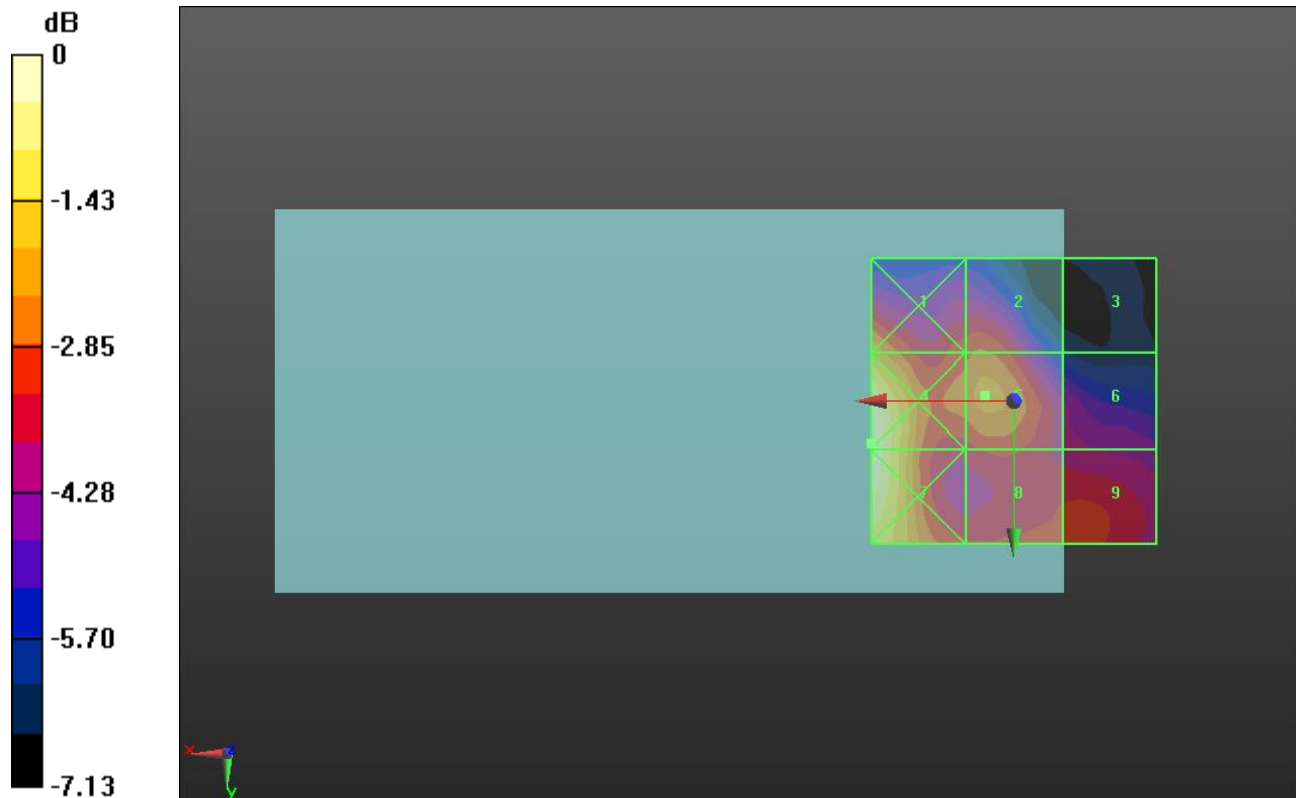
Applied MIF = -3.15 dB

RF audio interference level = 19.37 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.78 dBV/m	Grid 2 M4 18.86 dBV/m	Grid 3 M4 15.73 dBV/m
Grid 4 M4 21.63 dBV/m	Grid 5 M4 19.37 dBV/m	Grid 6 M4 17.71 dBV/m
Grid 7 M4 21.6 dBV/m	Grid 8 M4 18.64 dBV/m	Grid 9 M4 18.64 dBV/m



0 dB = 12.06 V/m = 21.63 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 = 15.24 V/m; Power Drift = -0.01 dB

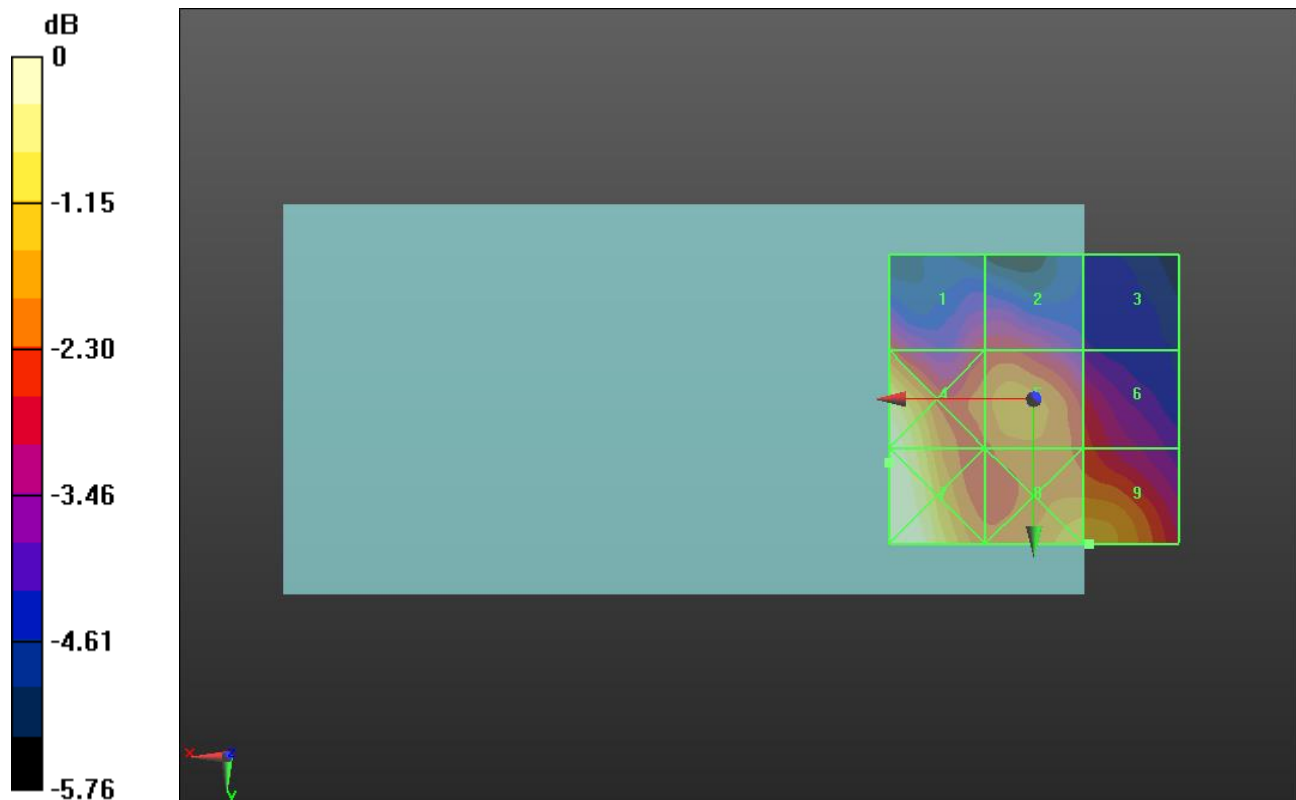
Applied MIF = -3.15 dB

RF audio interference level = 19.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.09 dBV/m	Grid 2 M4 17.82 dBV/m	Grid 3 M4 16.45 dBV/m
Grid 4 M4 20.43 dBV/m	Grid 5 M4 18.77 dBV/m	Grid 6 M4 17.96 dBV/m
Grid 7 M4 20.45 dBV/m	Grid 8 M4 19.2 dBV/m	Grid 9 M4 19.21 dBV/m



0 dB = 10.53 V/m = 20.45 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 = 15.07 V/m; Power Drift = 0.07 dB

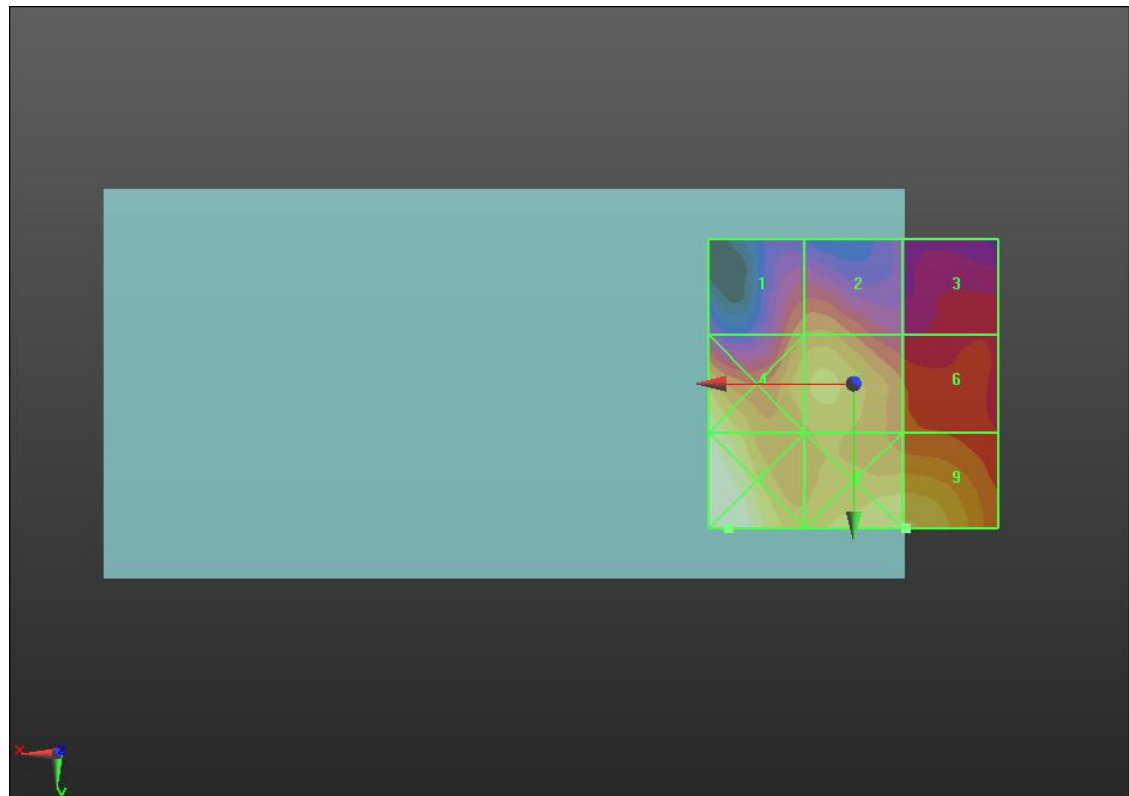
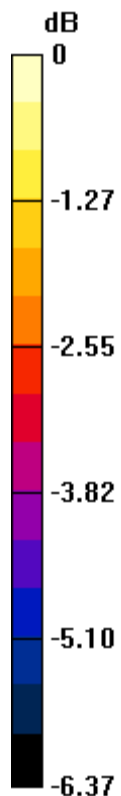
Applied MIF = -3.15 dB

RF audio interference level = 19.20 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 17.85 dBV/m	Grid 2 M4 18 dBV/m	Grid 3 M4 16.99 dBV/m
Grid 4 M4 19.57 dBV/m	Grid 5 M4 18.85 dBV/m	Grid 6 M4 17.61 dBV/m
Grid 7 M4 19.96 dBV/m	Grid 8 M4 19.2 dBV/m	Grid 9 M4 19.2 dBV/m



0 dB = 9.959 V/m = 19.96 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 = 15.87 V/m; Power Drift = -0.09 dB

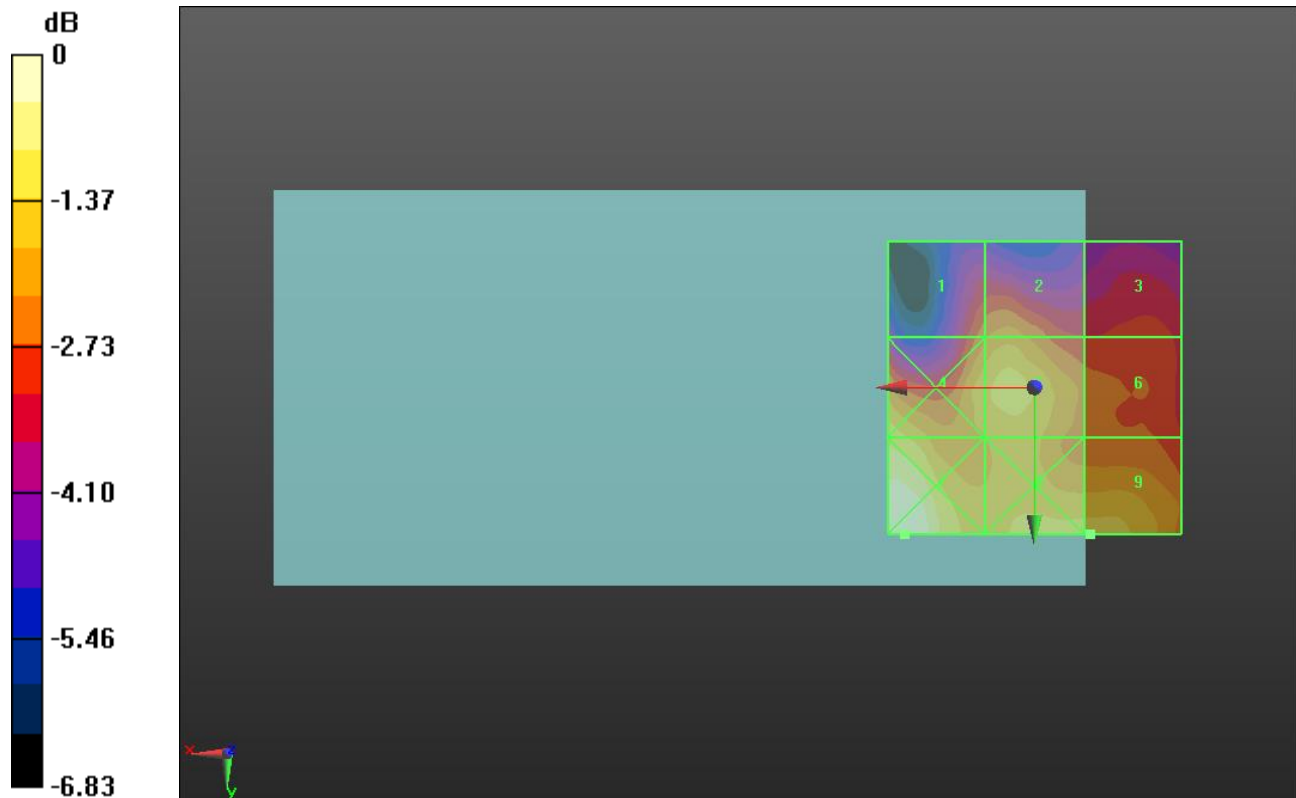
Applied MIF = -3.15 dB

RF audio interference level = 19.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 17.85 dBV/m	Grid 2 M4 18.25 dBV/m	Grid 3 M4 17.27 dBV/m
Grid 4 M4 19.19 dBV/m	Grid 5 M4 19.05 dBV/m	Grid 6 M4 17.87 dBV/m
Grid 7 M4 20.22 dBV/m	Grid 8 M4 19.14 dBV/m	Grid 9 M4 19.16 dBV/m



0 dB = 10.25 V/m = 20.21 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 = 16.14 V/m; Power Drift = 0.00 dB

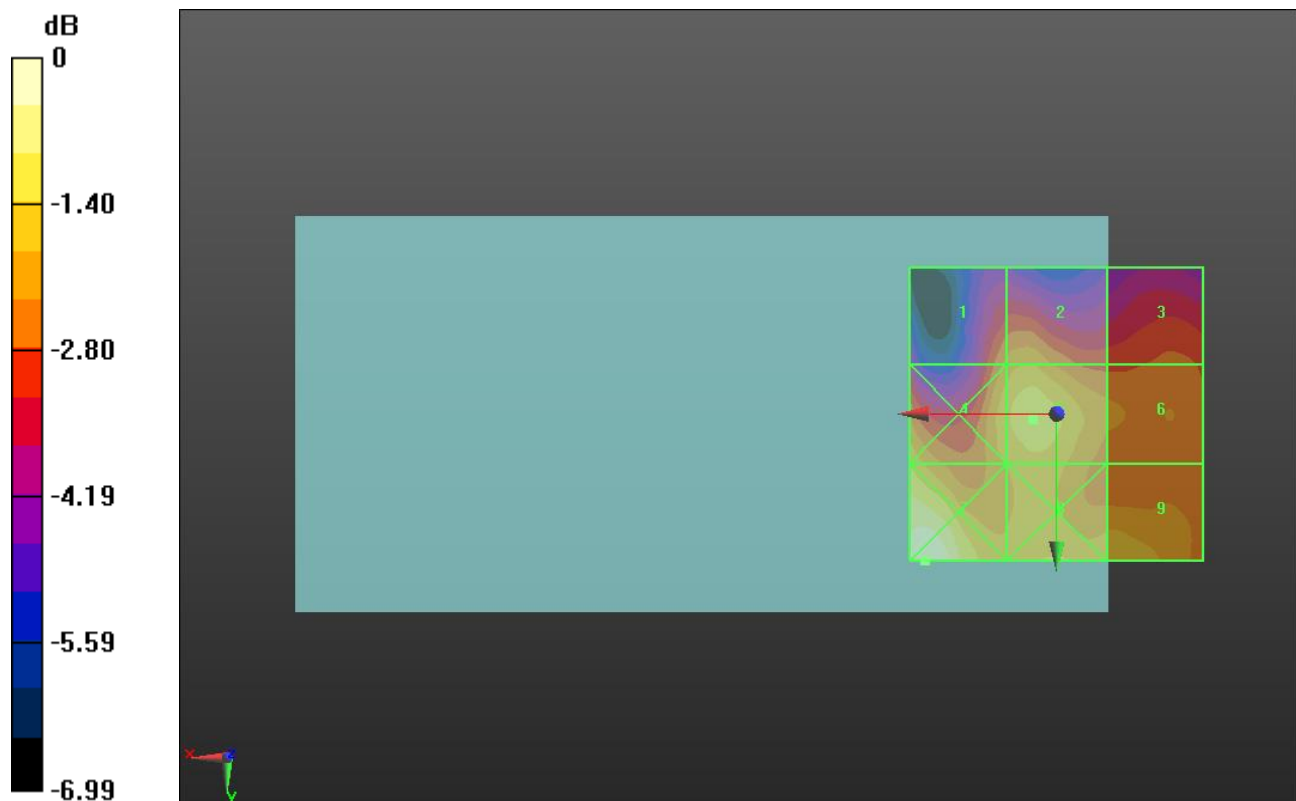
Applied MIF = -3.15 dB

RF audio interference level = 19.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.12 dBV/m	Grid 2 M4 18.43 dBV/m	Grid 3 M4 17.63 dBV/m
Grid 4 M4 18.87 dBV/m	Grid 5 M4 19.18 dBV/m	Grid 6 M4 18.13 dBV/m
Grid 7 M4 20.28 dBV/m	Grid 8 M4 18.94 dBV/m	Grid 9 M4 18.74 dBV/m



0 dB = 10.33 V/m = 20.28 dBV/m