

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 = 80.69 V/m; Power Drift = -0.03 dB

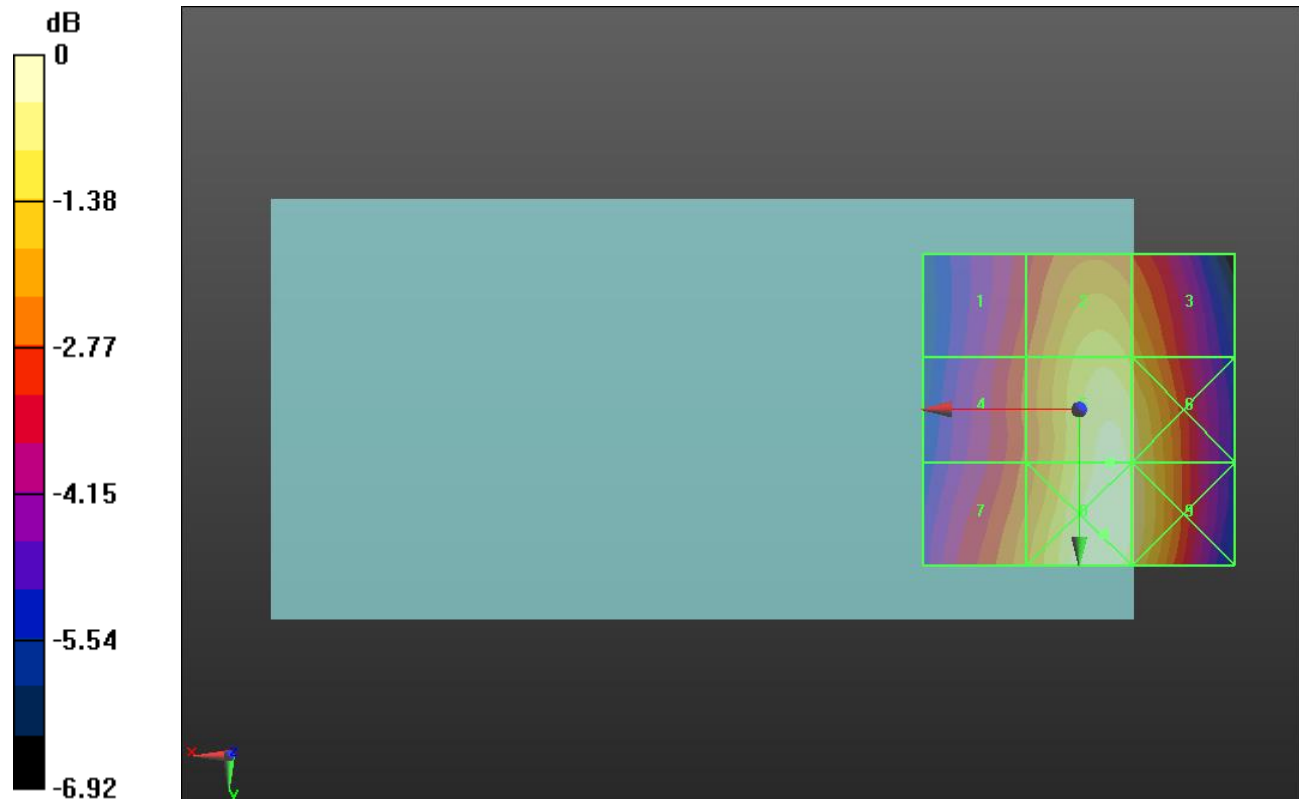
Applied MIF = 3.63 dB

RF audio interference level = 38.99 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.47 dBV/m	Grid 2 M4 38.22 dBV/m	Grid 3 M4 37.76 dBV/m
Grid 4 M4 36.67 dBV/m	Grid 5 M4 38.99 dBV/m	Grid 6 M4 38.7 dBV/m
Grid 7 M4 37.35 dBV/m	Grid 8 M4 39.27 dBV/m	Grid 9 M4 38.82 dBV/m



0 dB = 91.98 V/m = 39.27 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 = 87.46 V/m; Power Drift = -0.05 dB

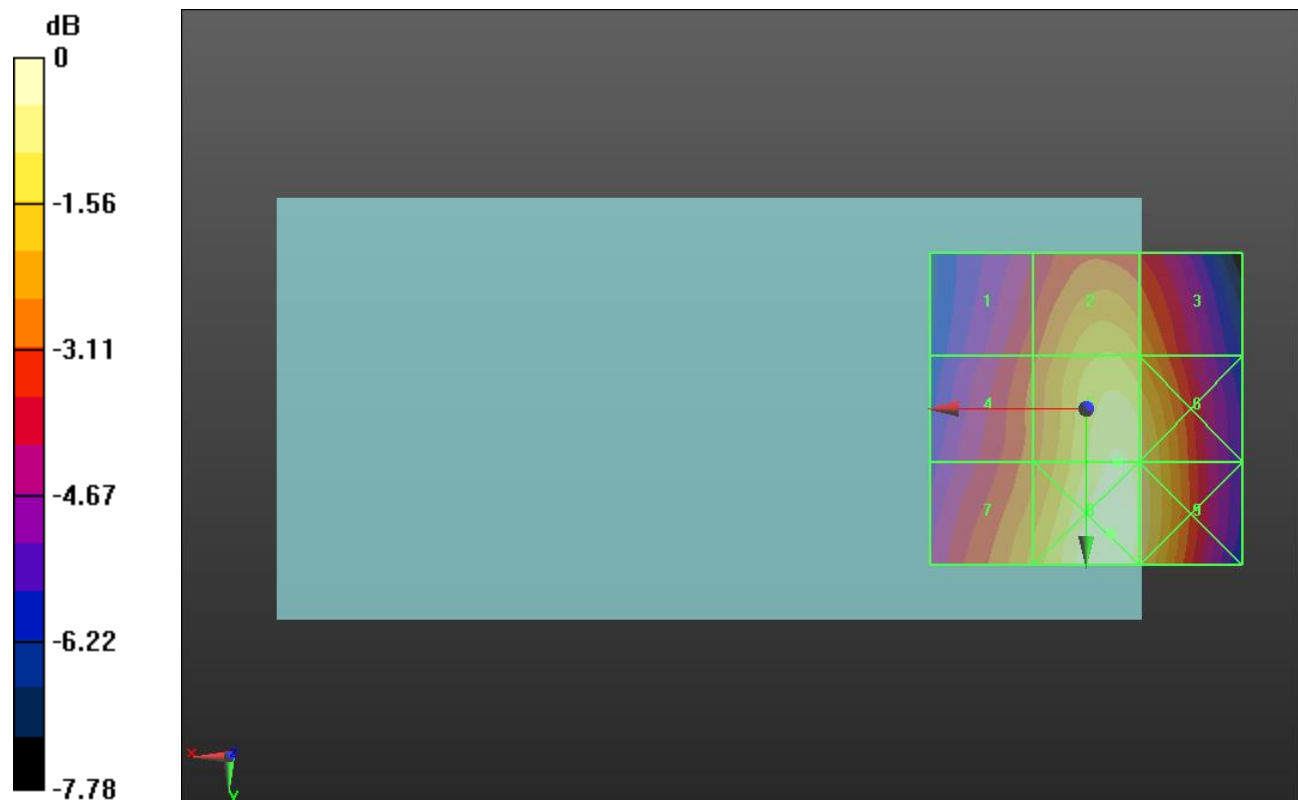
Applied MIF = 3.63 dB

RF audio interference level = 39.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.89 dBV/m	Grid 2 M4 38.6 dBV/m	Grid 3 M4 38.07 dBV/m
Grid 4 M4 37.35 dBV/m	Grid 5 M4 39.68 dBV/m	Grid 6 M4 39.34 dBV/m
Grid 7 M4 38.22 dBV/m	Grid 8 M3 40.1 dBV/m	Grid 9 M4 39.51 dBV/m



0 dB = 101.1 V/m = 40.10 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 = 86.94 V/m; Power Drift = -0.04 dB

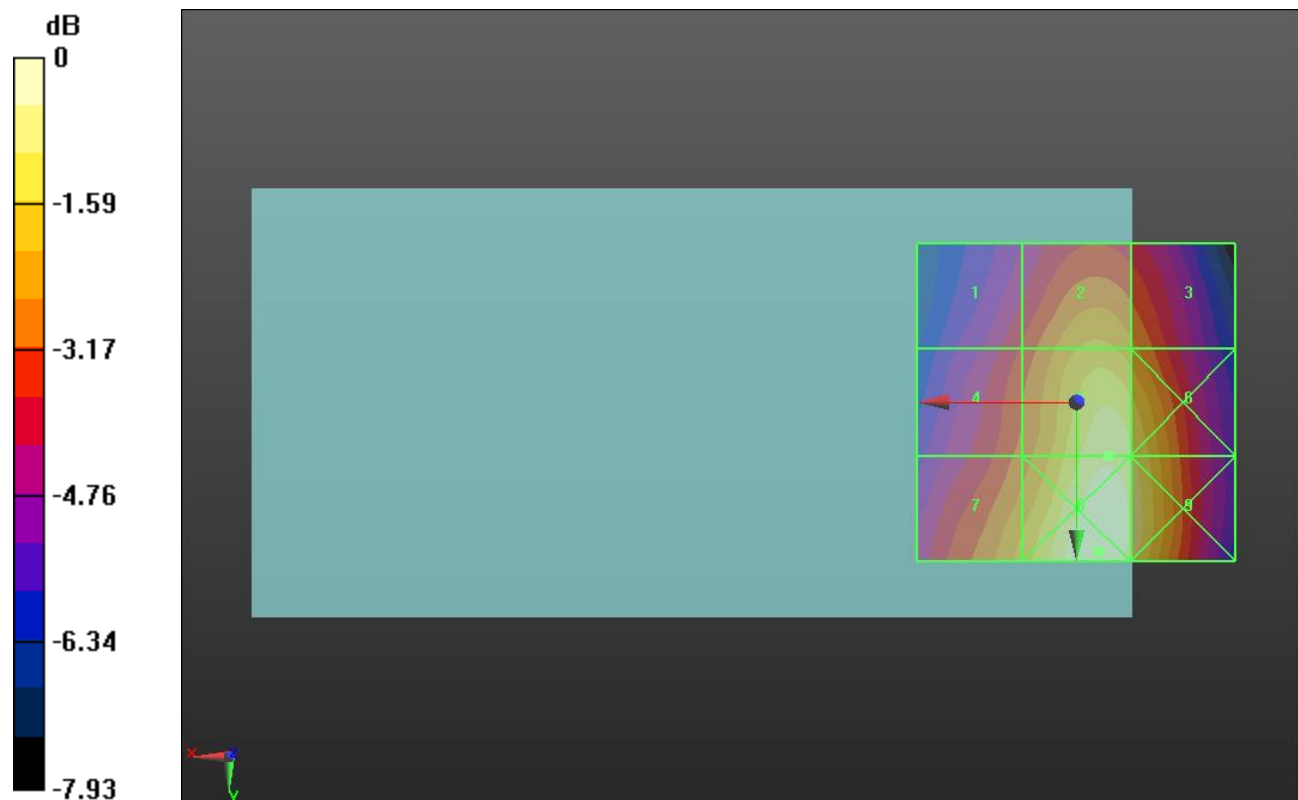
Applied MIF = 3.63 dB

RF audio interference level = 39.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.65 dBV/m	Grid 2 M4 38.3 dBV/m	Grid 3 M4 37.8 dBV/m
Grid 4 M4 37.34 dBV/m	Grid 5 M4 39.63 dBV/m	Grid 6 M4 39.33 dBV/m
Grid 7 M4 38.36 dBV/m	Grid 8 M3 40.24 dBV/m	Grid 9 M4 39.67 dBV/m



0 dB = 102.8 V/m = 40.24 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 = 27.62 V/m; Power Drift = 0.00 dB

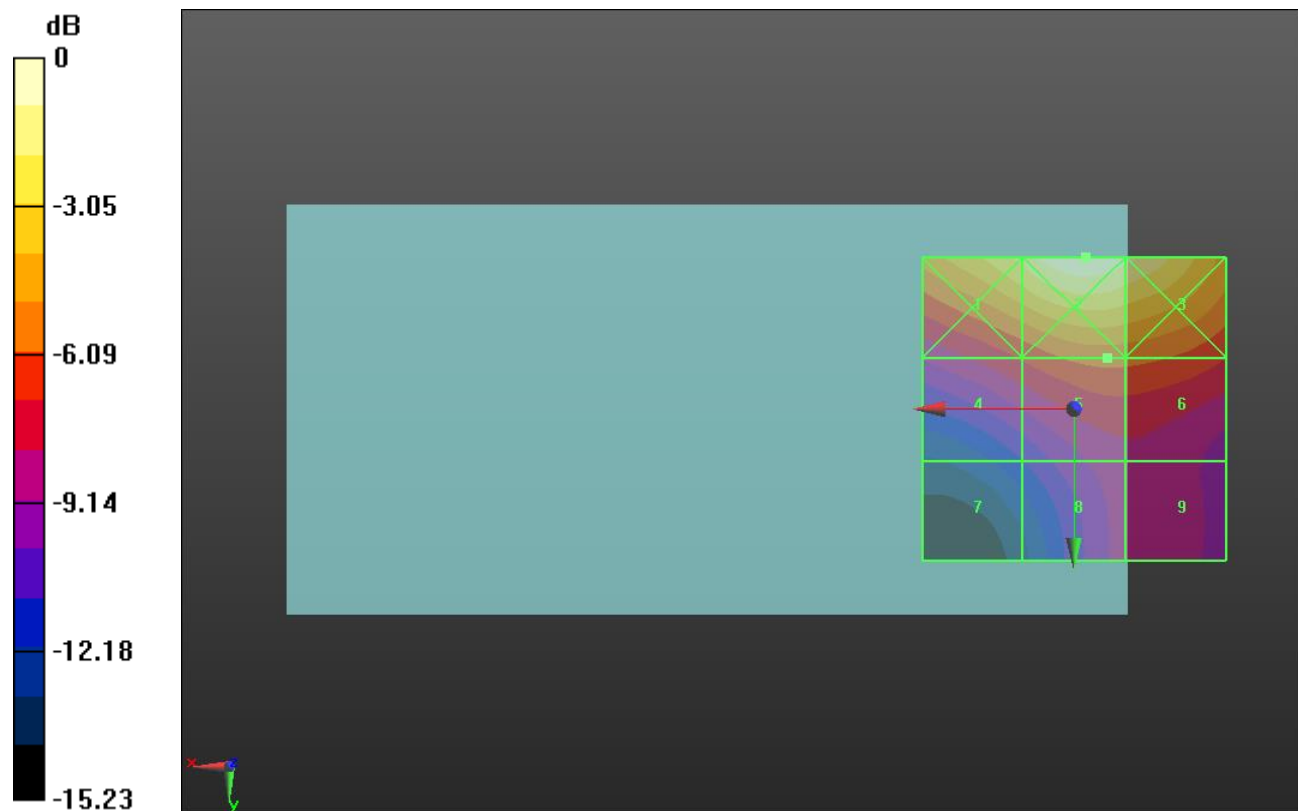
Applied MIF = 3.63 dB

RF audio interference level = 32.97 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M2 36.98 dBV/m	Grid 2 M2 38.6 dBV/m	Grid 3 M2 37.95 dBV/m
Grid 4 M3 31.67 dBV/m	Grid 5 M3 32.97 dBV/m	Grid 6 M3 32.91 dBV/m
Grid 7 M4 27.45 dBV/m	Grid 8 M3 30.2 dBV/m	Grid 9 M3 30.28 dBV/m



0 dB = 85.12 V/m = 38.60 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 = 26.04 V/m; Power Drift = 0.28 dB

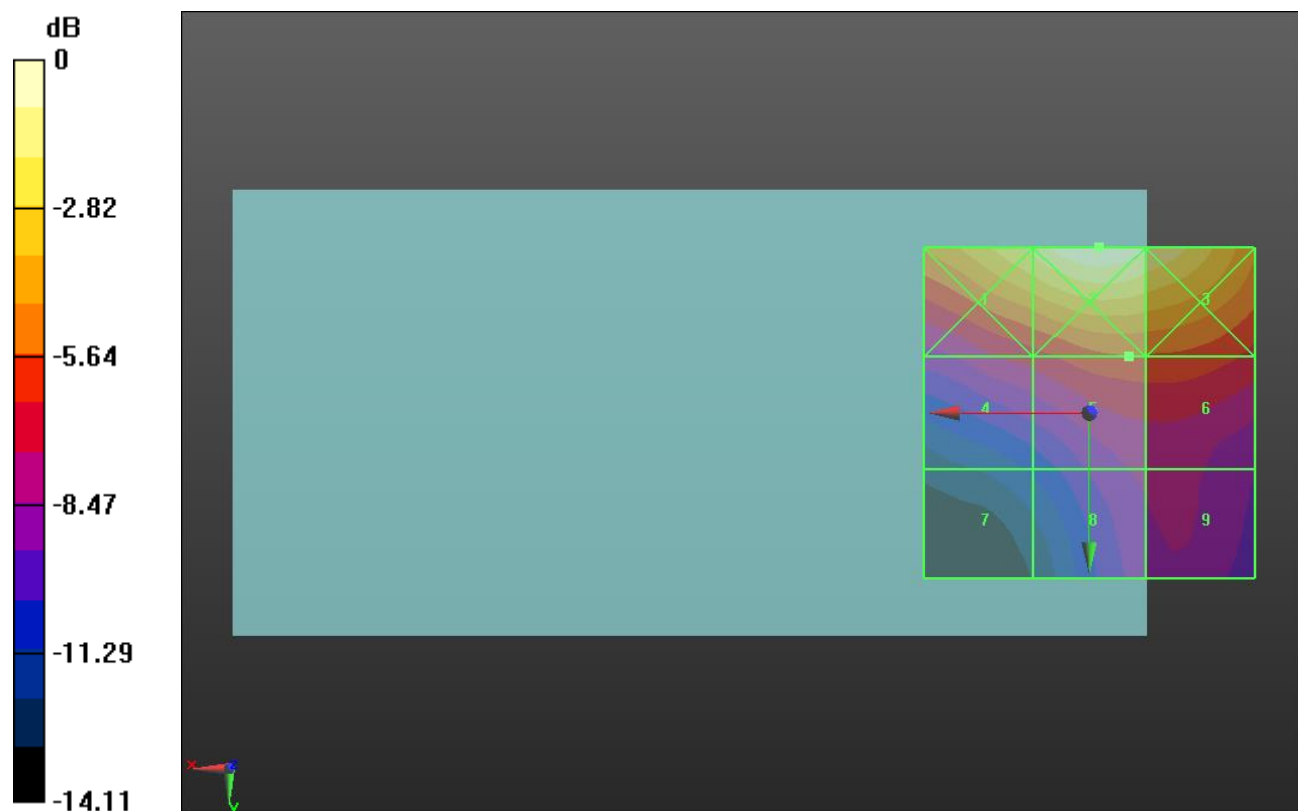
Applied MIF = 3.63 dB

RF audio interference level = 32.63 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M2 36.76 dBV/m	Grid 2 M2 38.31 dBV/m	Grid 3 M2 37.61 dBV/m
Grid 4 M3 31.34 dBV/m	Grid 5 M3 32.63 dBV/m	Grid 6 M3 32.6 dBV/m
Grid 7 M4 27.32 dBV/m	Grid 8 M3 30.1 dBV/m	Grid 9 M3 30.2 dBV/m



0 dB = 82.33 V/m = 38.31 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 = 25.25 V/m; Power Drift = -0.08 dB

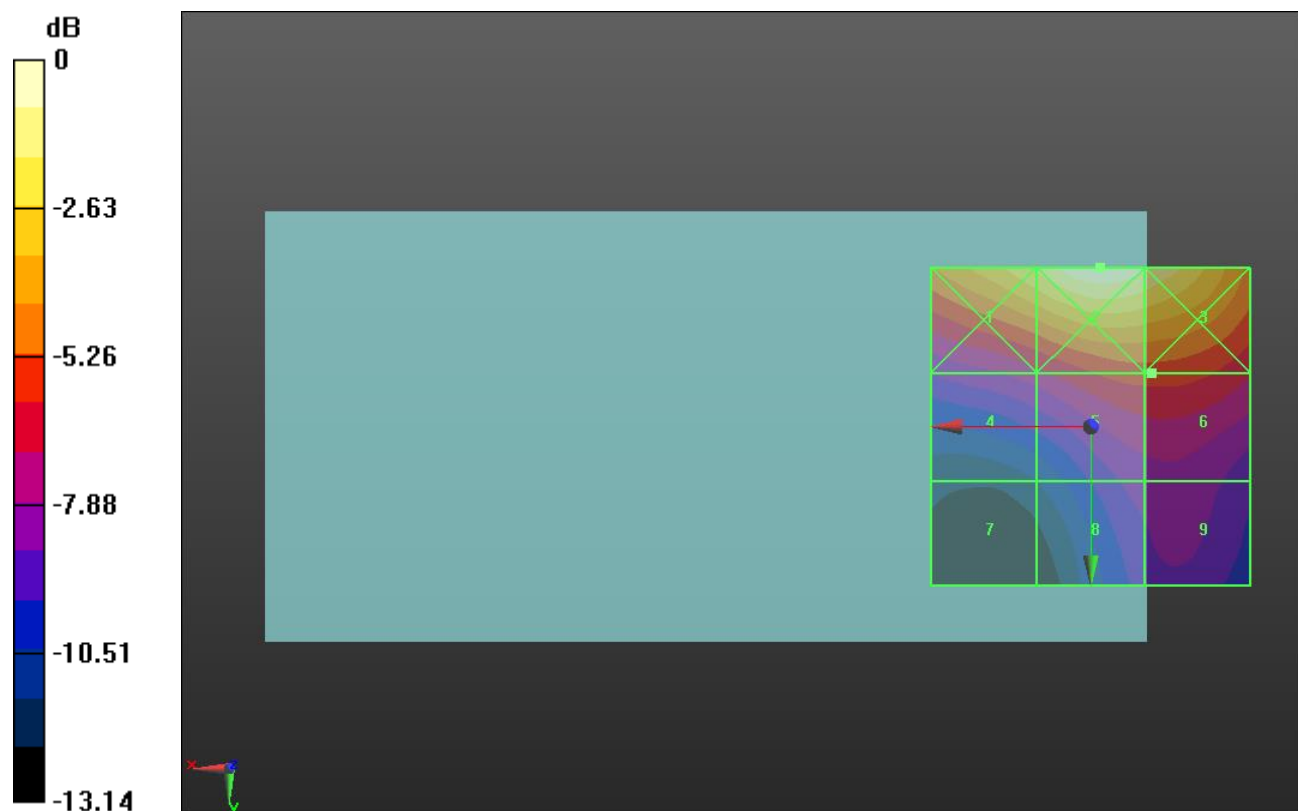
Applied MIF = 3.63 dB

RF audio interference level = 32.30 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M2 36.34 dBV/m	Grid 2 M2 37.93 dBV/m	Grid 3 M2 37.18 dBV/m
Grid 4 M3 30.71 dBV/m	Grid 5 M3 32.3 dBV/m	Grid 6 M3 32.3 dBV/m
Grid 7 M4 26.63 dBV/m	Grid 8 M4 29.69 dBV/m	Grid 9 M4 29.85 dBV/m



0 dB = 78.79 V/m = 37.93 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 = 40.49 V/m; Power Drift = 0.07 dB

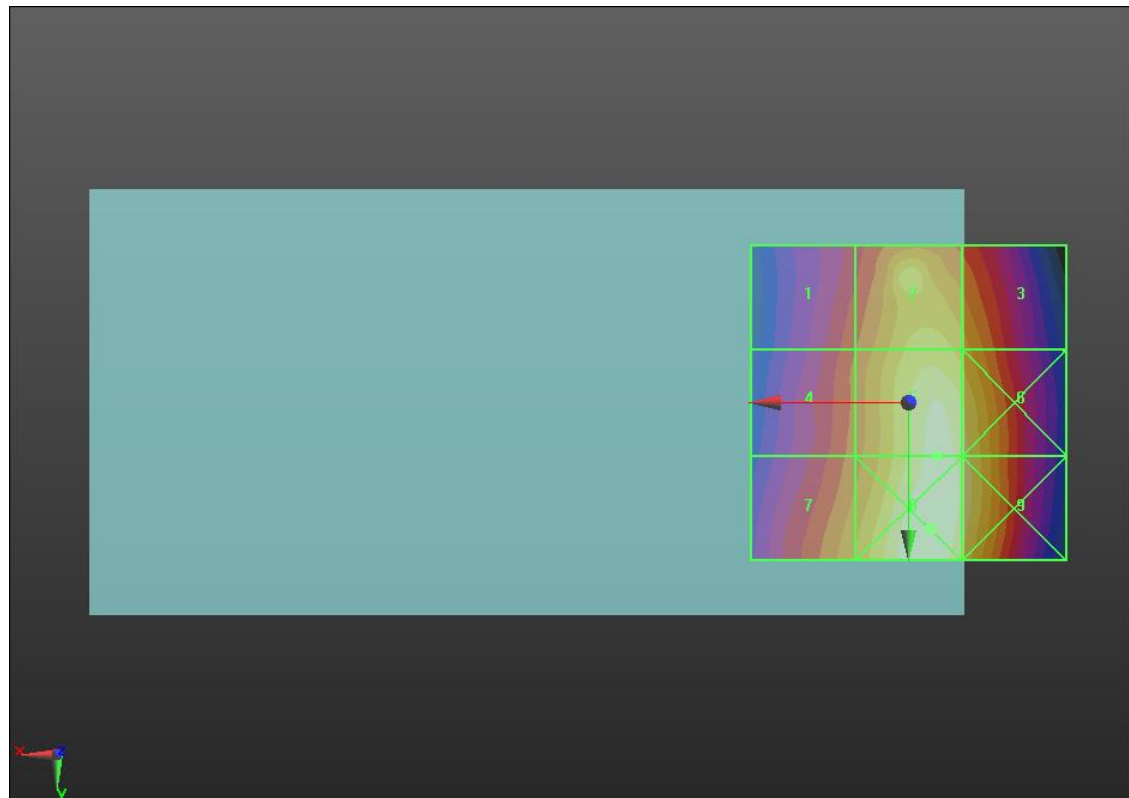
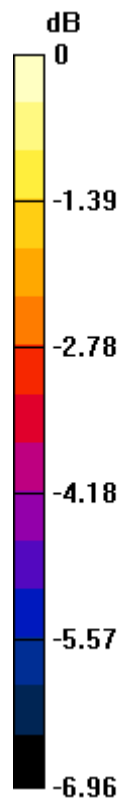
Applied MIF = 3.26 dB

RF audio interference level = 32.48 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.93 dBV/m	Grid 2 M4 31.75 dBV/m	Grid 3 M4 31.13 dBV/m
Grid 4 M4 30.23 dBV/m	Grid 5 M4 32.48 dBV/m	Grid 6 M4 32.08 dBV/m
Grid 7 M4 30.94 dBV/m	Grid 8 M4 32.74 dBV/m	Grid 9 M4 32.18 dBV/m



0 dB = 43.36 V/m = 32.74 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 = 42.03 V/m; Power Drift = -0.01 dB

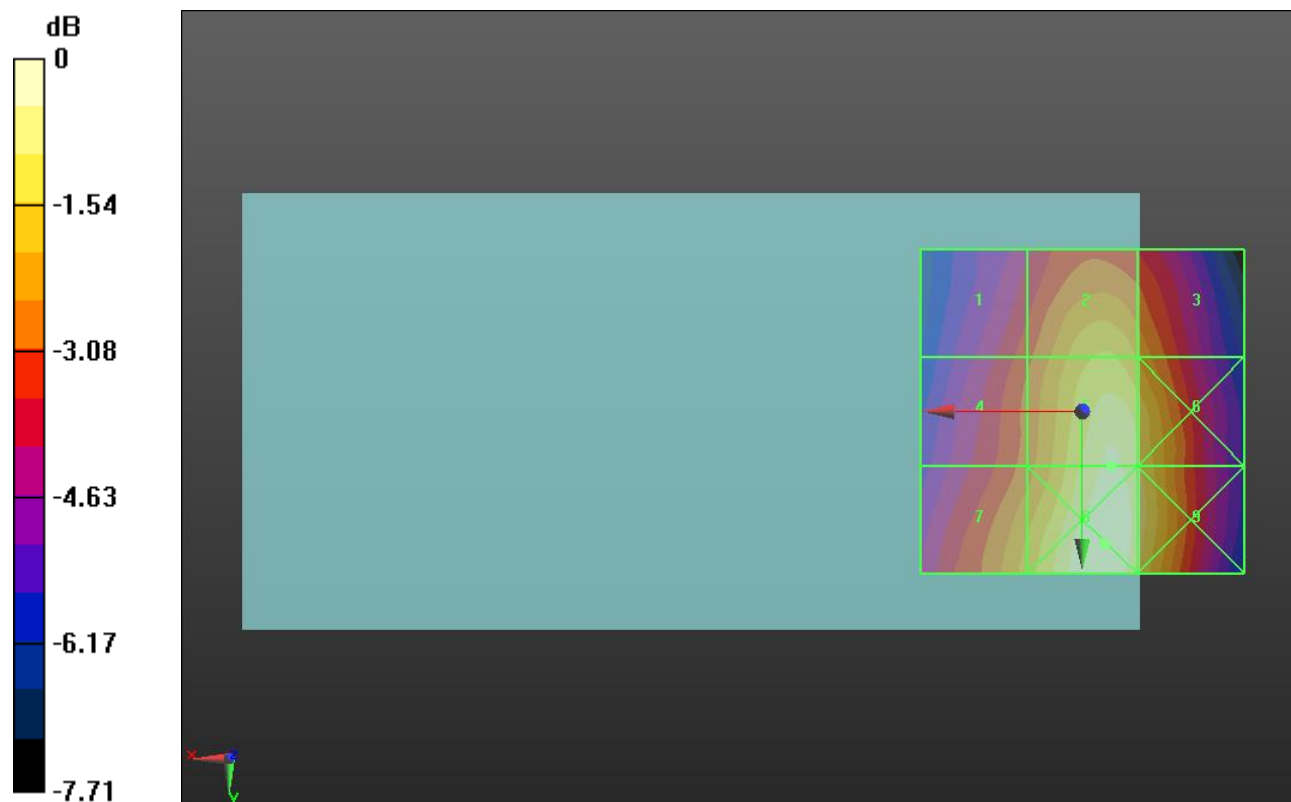
Applied MIF = 3.26 dB

RF audio interference level = 32.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.97 dBV/m	Grid 2 M4 31.73 dBV/m	Grid 3 M4 31.11 dBV/m
Grid 4 M4 30.42 dBV/m	Grid 5 M4 32.77 dBV/m	Grid 6 M4 32.29 dBV/m
Grid 7 M4 31.4 dBV/m	Grid 8 M4 33.2 dBV/m	Grid 9 M4 32.49 dBV/m



0 dB = 45.68 V/m = 33.19 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 = 42.04 V/m; Power Drift = -0.09 dB

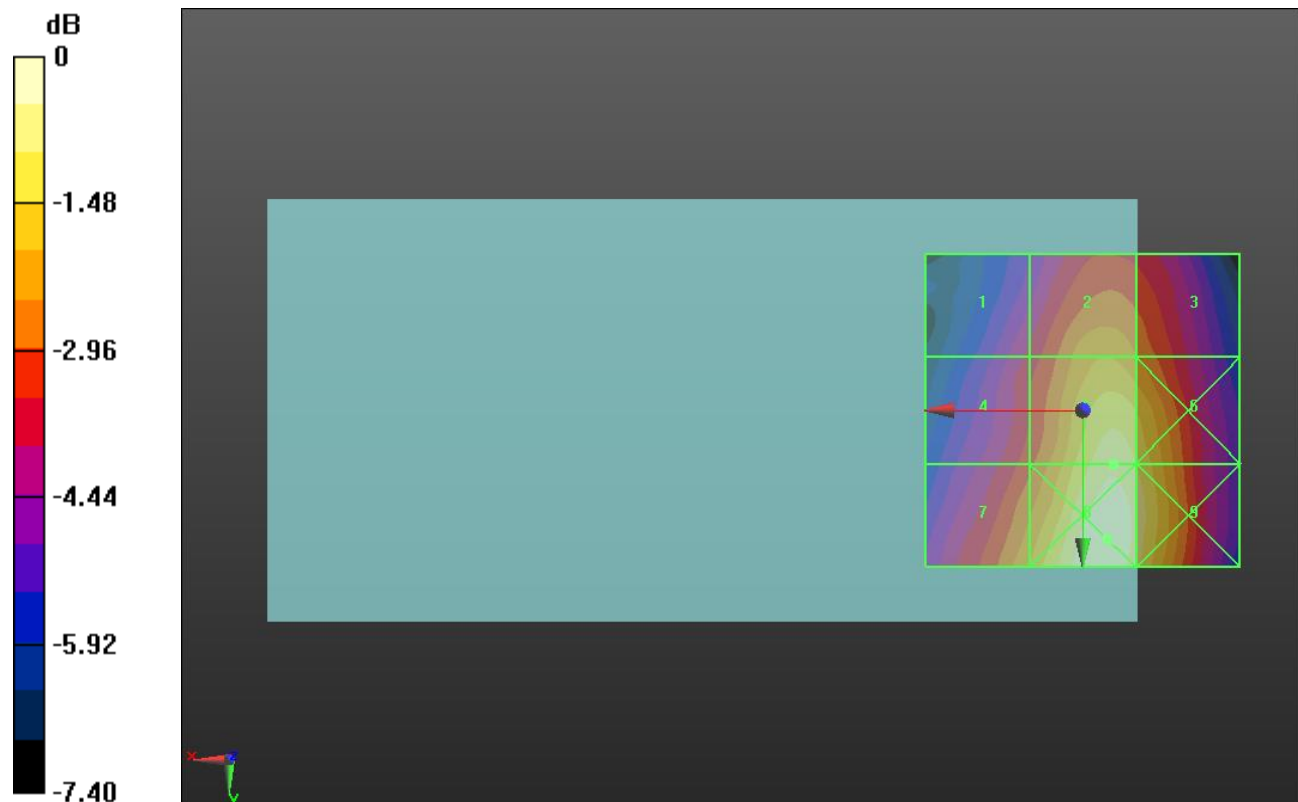
Applied MIF = 3.26 dB

RF audio interference level = 33.01 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.88 dBV/m	Grid 2 M4 31.67 dBV/m	Grid 3 M4 31.21 dBV/m
Grid 4 M4 30.53 dBV/m	Grid 5 M4 33.01 dBV/m	Grid 6 M4 32.65 dBV/m
Grid 7 M4 31.72 dBV/m	Grid 8 M4 33.63 dBV/m	Grid 9 M4 32.99 dBV/m



0 dB = 48.03 V/m = 33.63 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 = 9.873 V/m; Power Drift = 0.07 dB

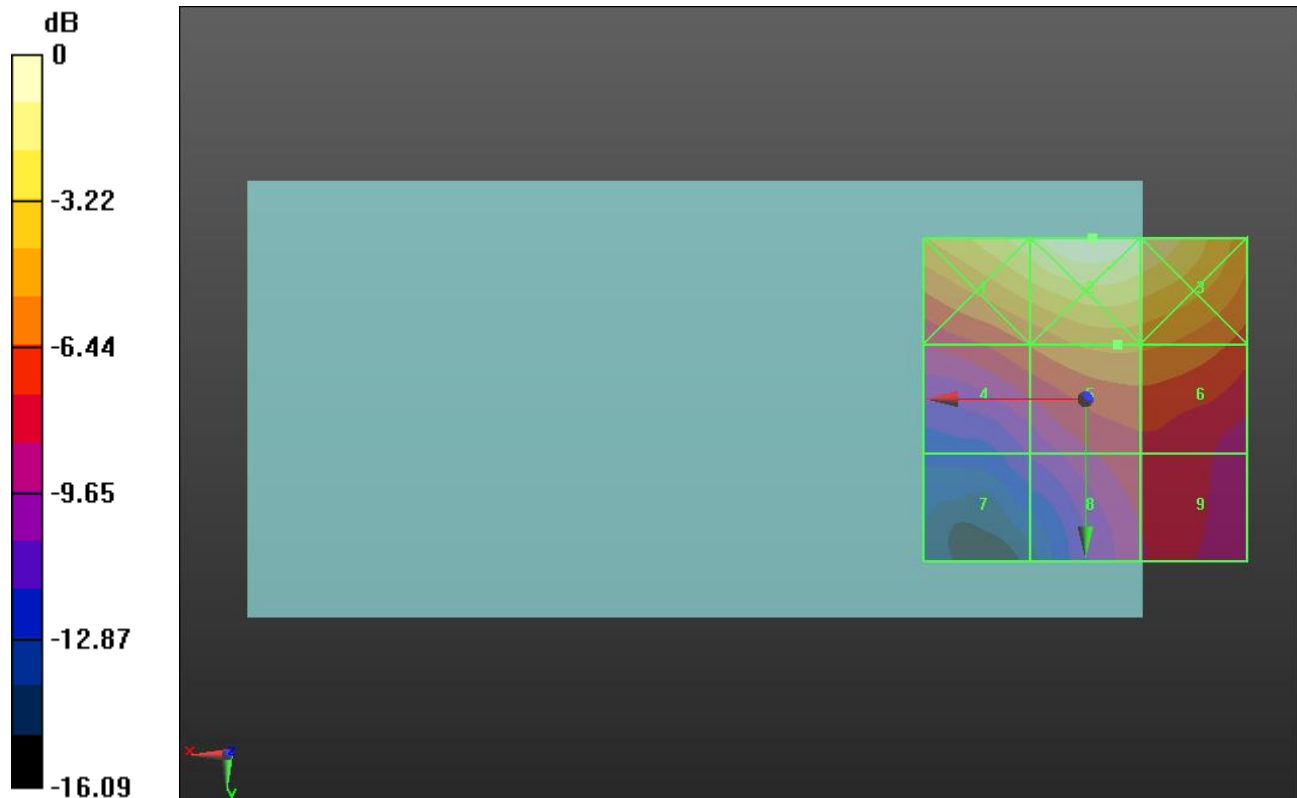
Applied MIF = 3.26 dB

RF audio interference level = 23.57 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.14 dBV/m	Grid 2 M4 28.53 dBV/m	Grid 3 M4 27.75 dBV/m
Grid 4 M4 22.21 dBV/m	Grid 5 M4 23.57 dBV/m	Grid 6 M4 23.45 dBV/m
Grid 7 M4 17.94 dBV/m	Grid 8 M4 20.72 dBV/m	Grid 9 M4 20.79 dBV/m



0 dB = 26.70 V/m = 28.53 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 = 9.197 V/m; Power Drift = 0.10 dB

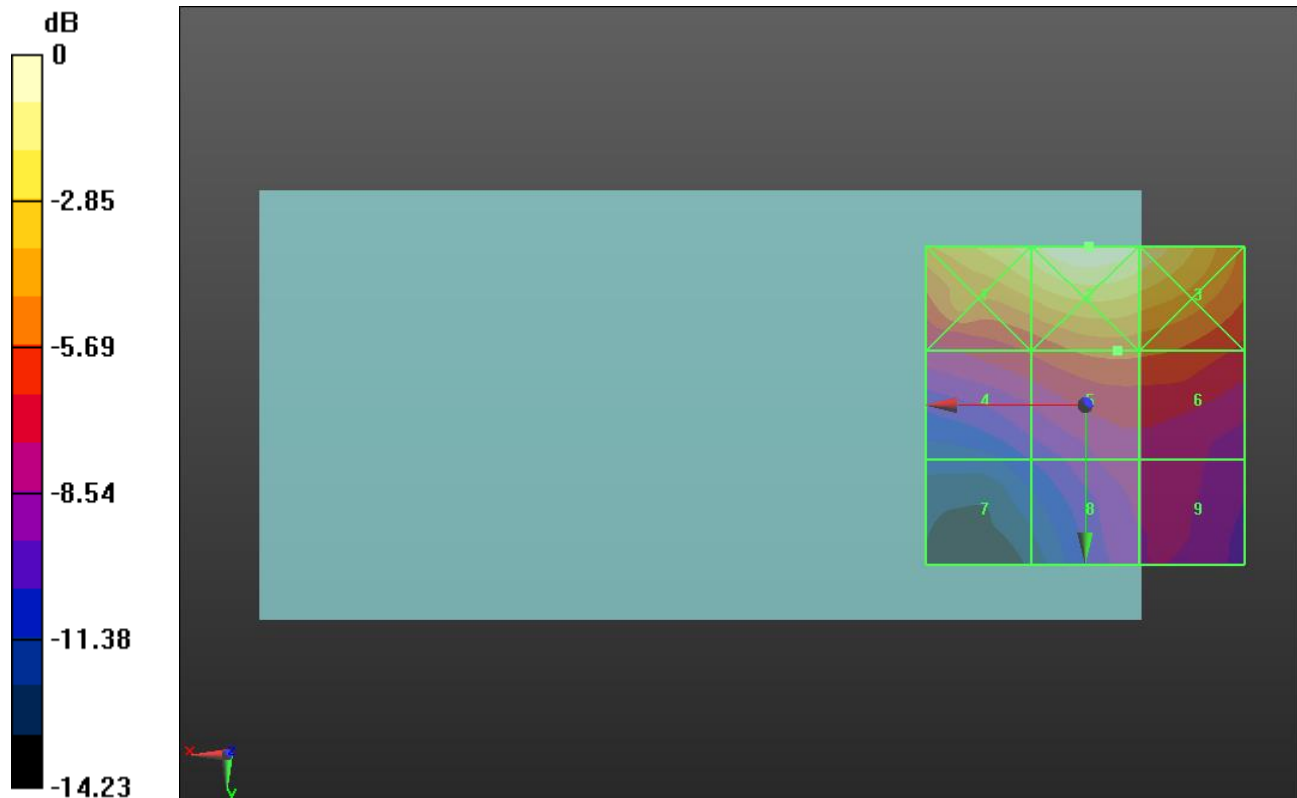
Applied MIF = 3.26 dB

RF audio interference level = 22.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.92 dBV/m	Grid 2 M4 28.23 dBV/m	Grid 3 M4 27.33 dBV/m
Grid 4 M4 21.75 dBV/m	Grid 5 M4 22.9 dBV/m	Grid 6 M4 22.79 dBV/m
Grid 7 M4 17.87 dBV/m	Grid 8 M4 20.17 dBV/m	Grid 9 M4 20.17 dBV/m



0 dB = 25.80 V/m = 28.23 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 = 8.798 V/m; Power Drift = 0.08 dB

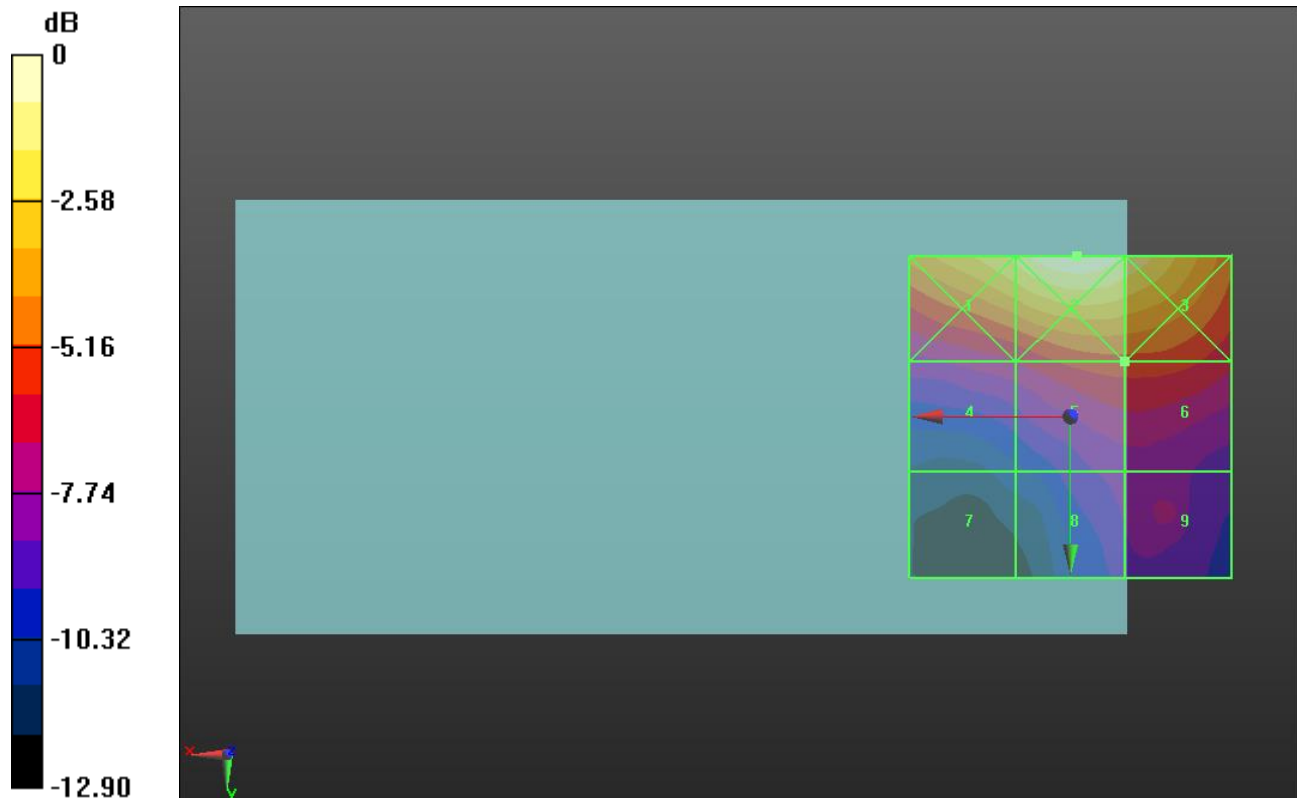
Applied MIF = 3.26 dB

RF audio interference level = 22.69 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.74 dBV/m	Grid 2 M4 28.13 dBV/m	Grid 3 M4 27.31 dBV/m
Grid 4 M4 21.26 dBV/m	Grid 5 M4 22.69 dBV/m	Grid 6 M4 22.69 dBV/m
Grid 7 M4 17.57 dBV/m	Grid 8 M4 20.02 dBV/m	Grid 9 M4 20.74 dBV/m



0 dB = 25.50 V/m = 28.13 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 = 34.85 V/m; Power Drift = -0.05 dB

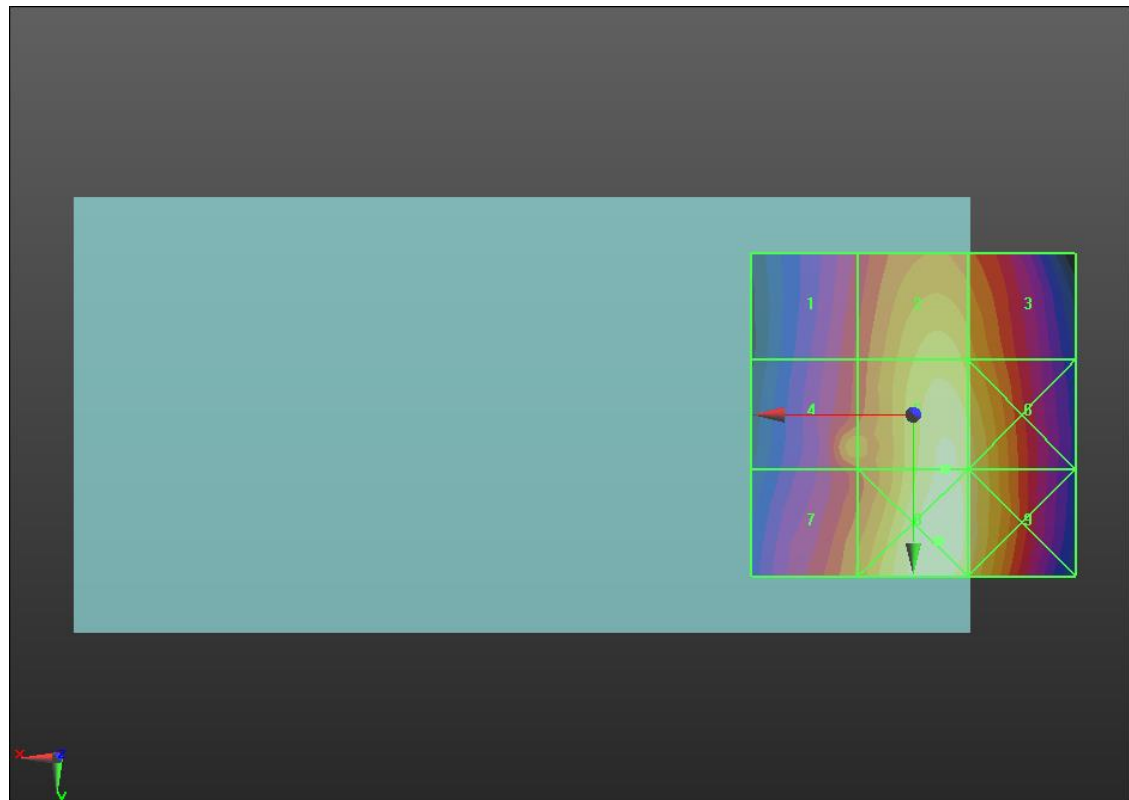
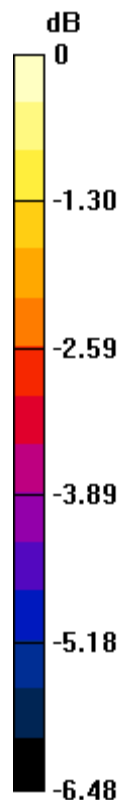
Applied MIF = 3.26 dB

RF audio interference level = 31.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.73 dBV/m	Grid 2 M4 30.62 dBV/m	Grid 3 M4 30.14 dBV/m
Grid 4 M4 29.75 dBV/m	Grid 5 M4 31.26 dBV/m	Grid 6 M4 30.98 dBV/m
Grid 7 M4 29.6 dBV/m	Grid 8 M4 31.61 dBV/m	Grid 9 M4 31.06 dBV/m



0 dB = 38.07 V/m = 31.61 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 = 35.43 V/m; Power Drift = 0.01 dB

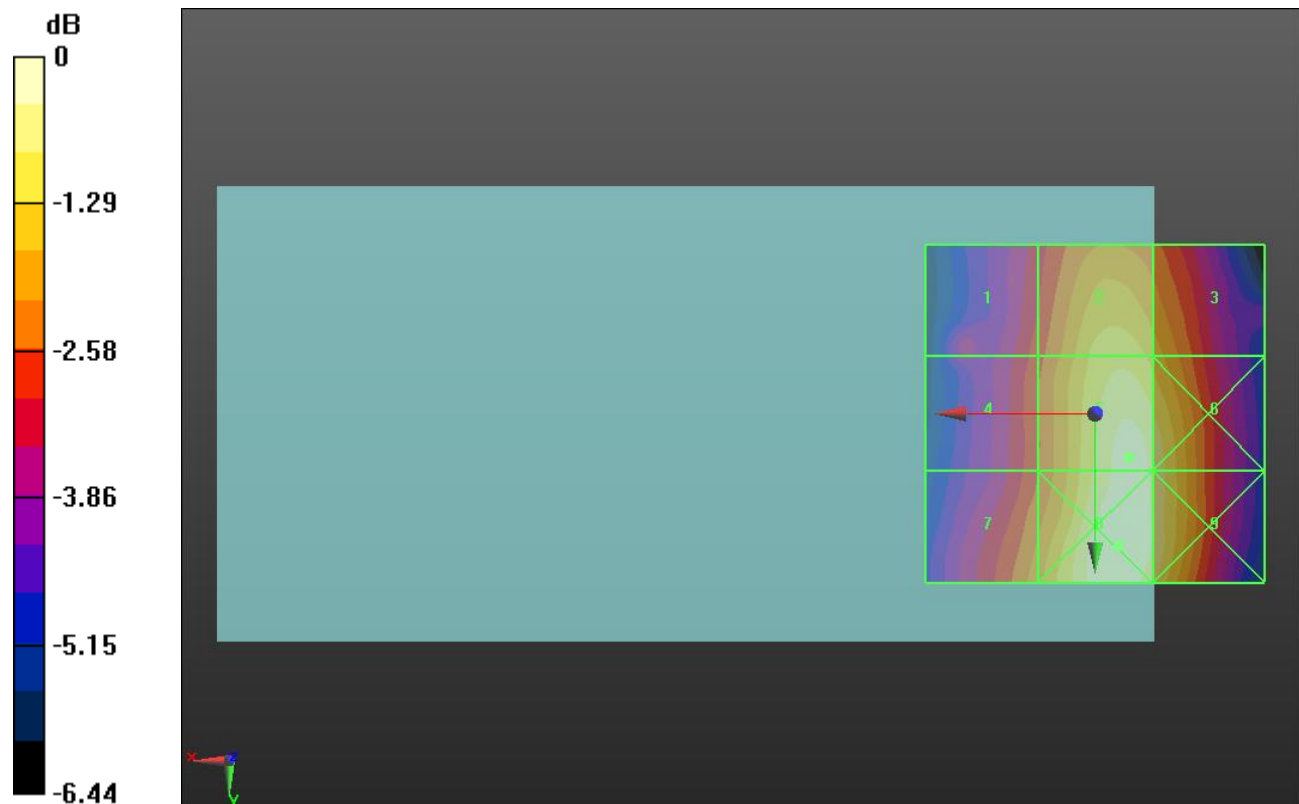
Applied MIF = 3.26 dB

RF audio interference level = 31.46 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.95 dBV/m	Grid 2 M4 30.72 dBV/m	Grid 3 M4 30.27 dBV/m
Grid 4 M4 29.12 dBV/m	Grid 5 M4 31.46 dBV/m	Grid 6 M4 31.19 dBV/m
Grid 7 M4 29.85 dBV/m	Grid 8 M4 31.7 dBV/m	Grid 9 M4 31.24 dBV/m



0 dB = 38.47 V/m = 31.70 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 = 36.27 V/m; Power Drift = 0.00 dB

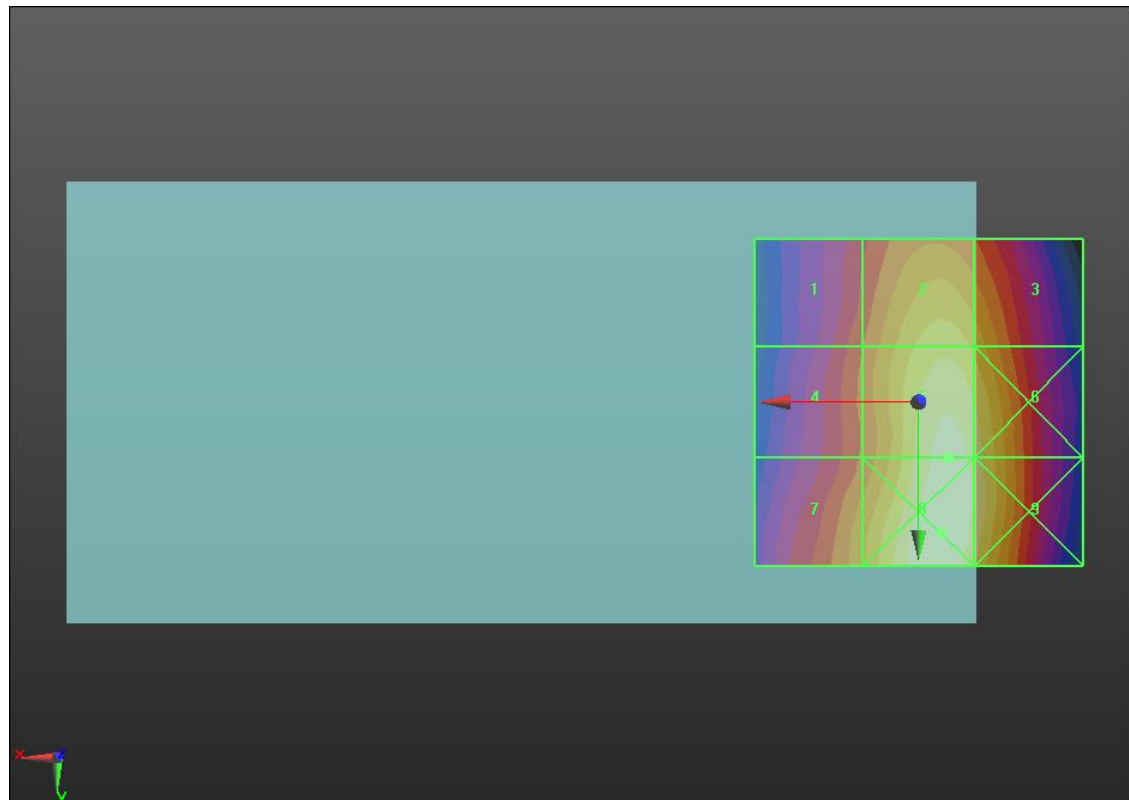
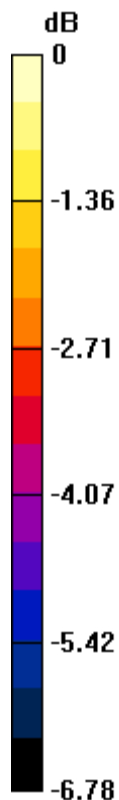
Applied MIF = 3.26 dB

RF audio interference level = 31.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.14 dBV/m	Grid 2 M4 30.83 dBV/m	Grid 3 M4 30.38 dBV/m
Grid 4 M4 29.3 dBV/m	Grid 5 M4 31.65 dBV/m	Grid 6 M4 31.22 dBV/m
Grid 7 M4 29.99 dBV/m	Grid 8 M4 31.85 dBV/m	Grid 9 M4 31.36 dBV/m



0 dB = 39.13 V/m = 31.85 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 = 49.84 V/m; Power Drift = 0.13 dB

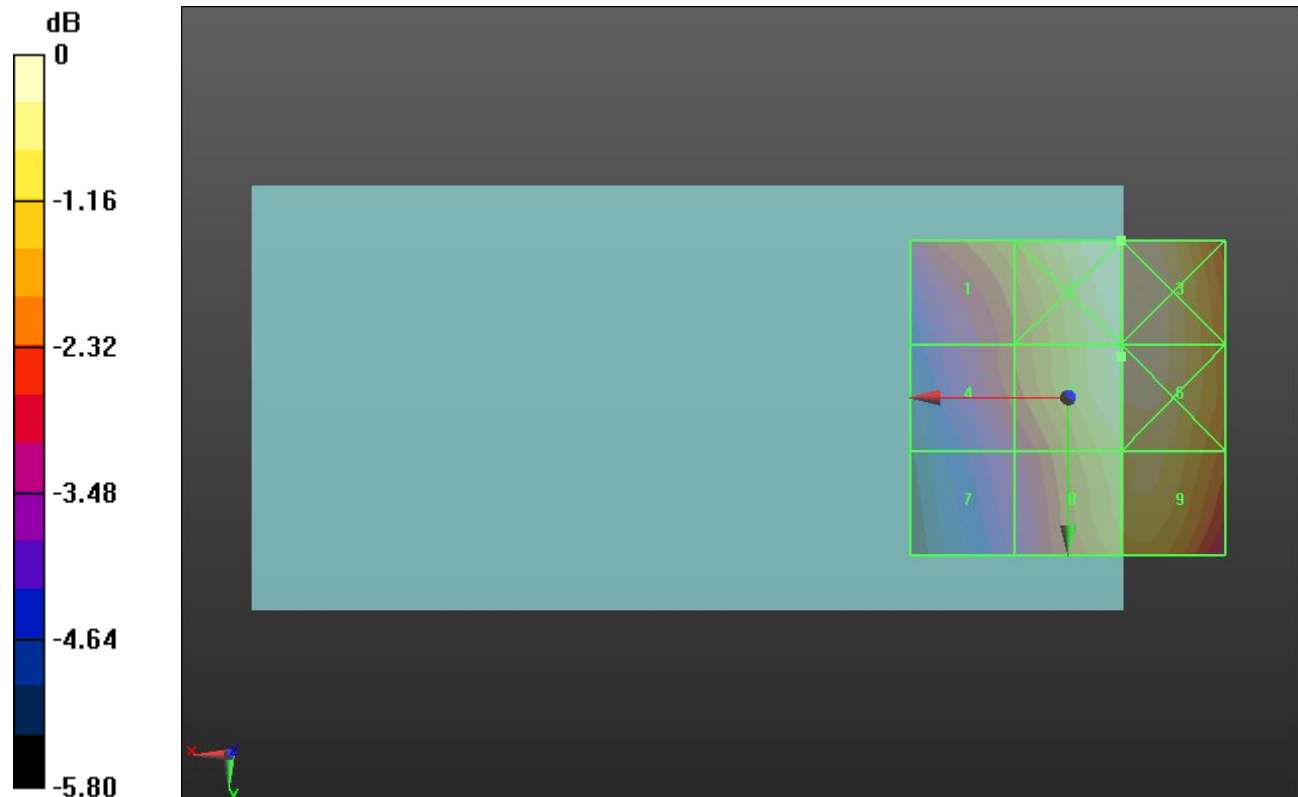
Applied MIF = 3.63 dB

RF audio interference level = 36.54 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.28 dBV/m	Grid 2 M4 36.82 dBV/m	Grid 3 M4 36.82 dBV/m
Grid 4 M4 34.5 dBV/m	Grid 5 M4 36.54 dBV/m	Grid 6 M4 36.63 dBV/m
Grid 7 M4 33.66 dBV/m	Grid 8 M4 36.02 dBV/m	Grid 9 M4 36.18 dBV/m



0 dB = 69.30 V/m = 36.81 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 = 50.70 V/m; Power Drift = -0.14 dB

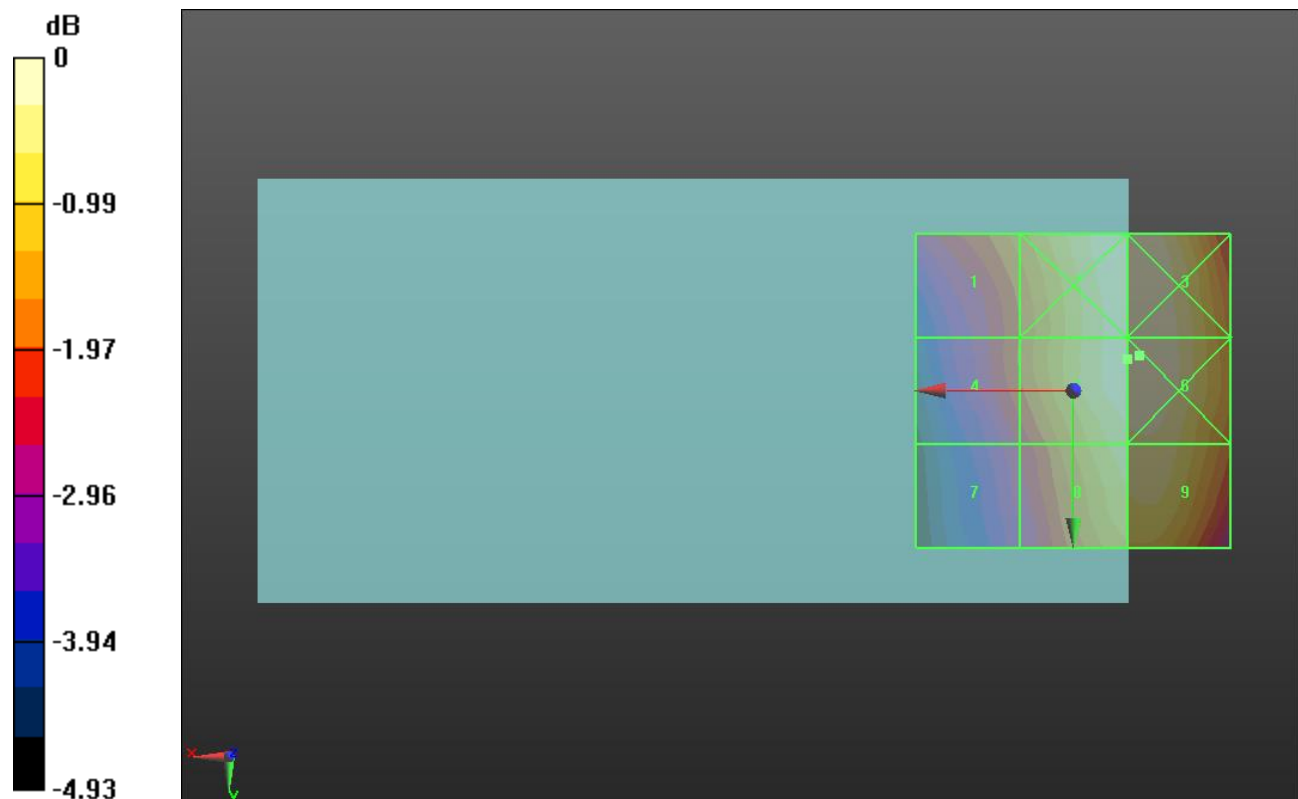
Applied MIF = 3.63 dB

RF audio interference level = 36.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.77 dBV/m	Grid 2 M4 36.19 dBV/m	Grid 3 M4 36.2 dBV/m
Grid 4 M4 34.31 dBV/m	Grid 5 M4 36.16 dBV/m	Grid 6 M4 36.21 dBV/m
Grid 7 M4 33.68 dBV/m	Grid 8 M4 35.76 dBV/m	Grid 9 M4 35.83 dBV/m



0 dB = 64.66 V/m = 36.21 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 = 54.86 V/m; Power Drift = -0.01 dB

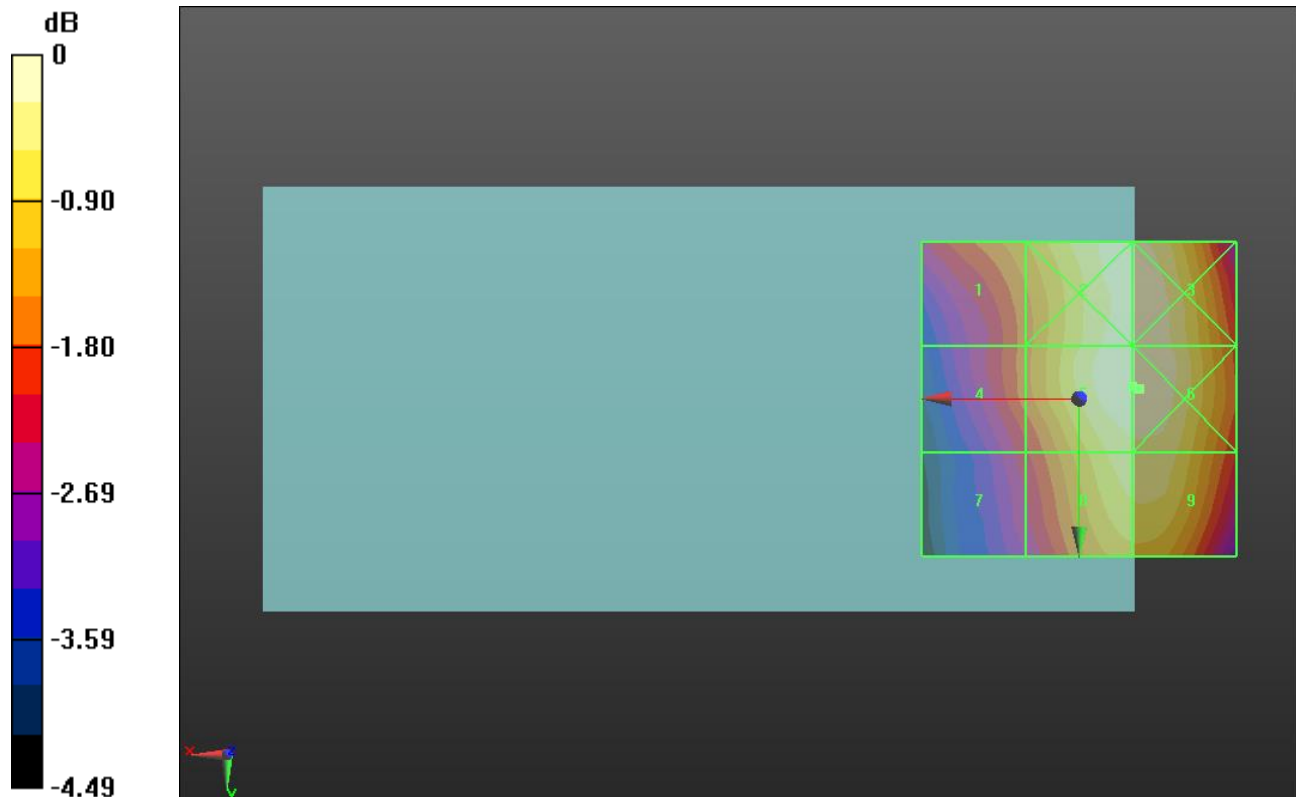
Applied MIF = 3.63 dB

RF audio interference level = 36.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.38 dBV/m	Grid 2 M4 36.51 dBV/m	Grid 3 M4 36.52 dBV/m
Grid 4 M4 34.98 dBV/m	Grid 5 M4 36.57 dBV/m	Grid 6 M4 36.57 dBV/m
Grid 7 M4 34.42 dBV/m	Grid 8 M4 36.21 dBV/m	Grid 9 M4 36.23 dBV/m



0 dB = 67.37 V/m = 36.57 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 = 11.73 V/m; Power Drift = -0.16 dB

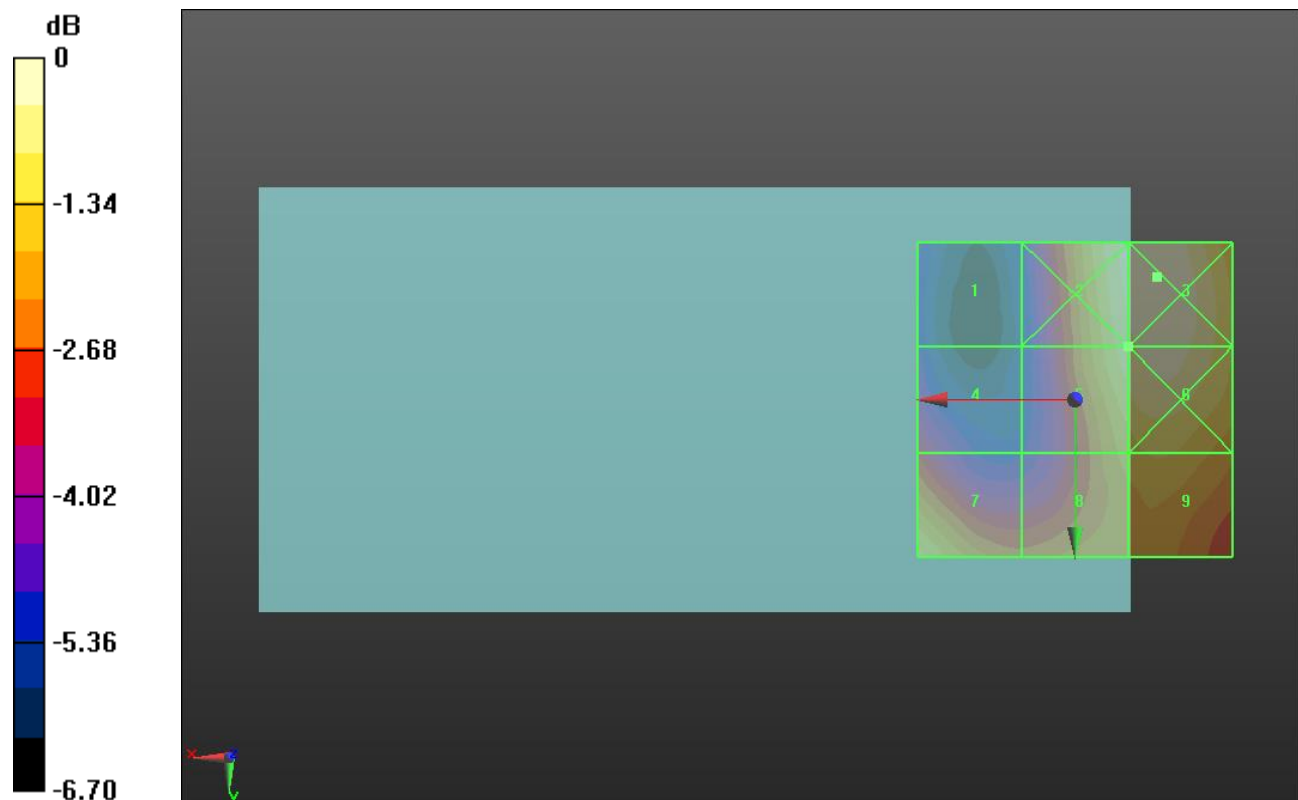
Applied MIF = 3.63 dB

RF audio interference level = 25.65 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.55 dBV/m	Grid 2 M4 25.97 dBV/m	Grid 3 M4 26.24 dBV/m
Grid 4 M4 23.09 dBV/m	Grid 5 M4 25.65 dBV/m	Grid 6 M4 26 dBV/m
Grid 7 M4 25.51 dBV/m	Grid 8 M4 24.67 dBV/m	Grid 9 M4 24.95 dBV/m



0 dB = 20.50 V/m = 26.24 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 = 11.72 V/m; Power Drift = -0.08 dB

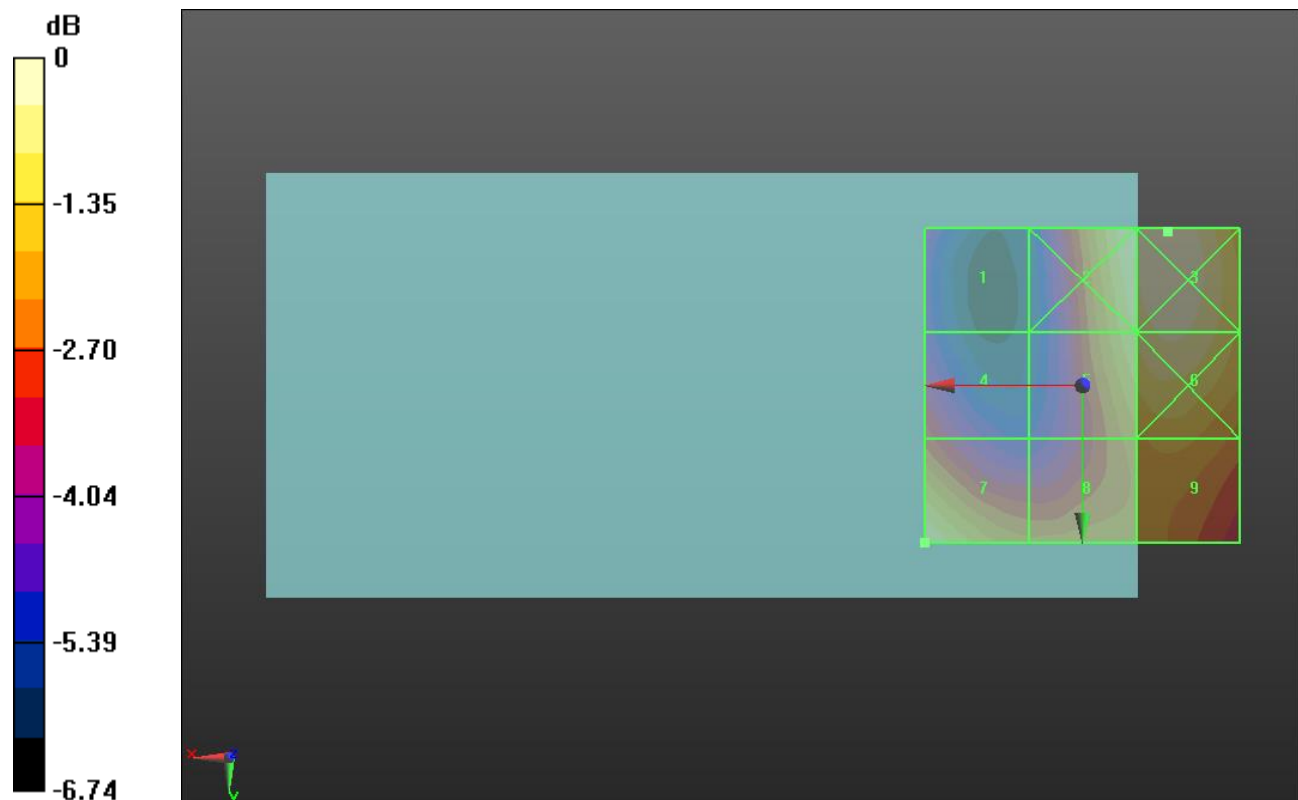
Applied MIF = 3.63 dB

RF audio interference level = 26.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.69 dBV/m	Grid 2 M4 26.45 dBV/m	Grid 3 M4 26.8 dBV/m
Grid 4 M4 23.98 dBV/m	Grid 5 M4 25.96 dBV/m	Grid 6 M4 26.43 dBV/m
Grid 7 M4 26.43 dBV/m	Grid 8 M4 24.86 dBV/m	Grid 9 M4 25.17 dBV/m



0 dB = 21.88 V/m = 26.80 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 = 11.49 V/m; Power Drift = -0.04 dB

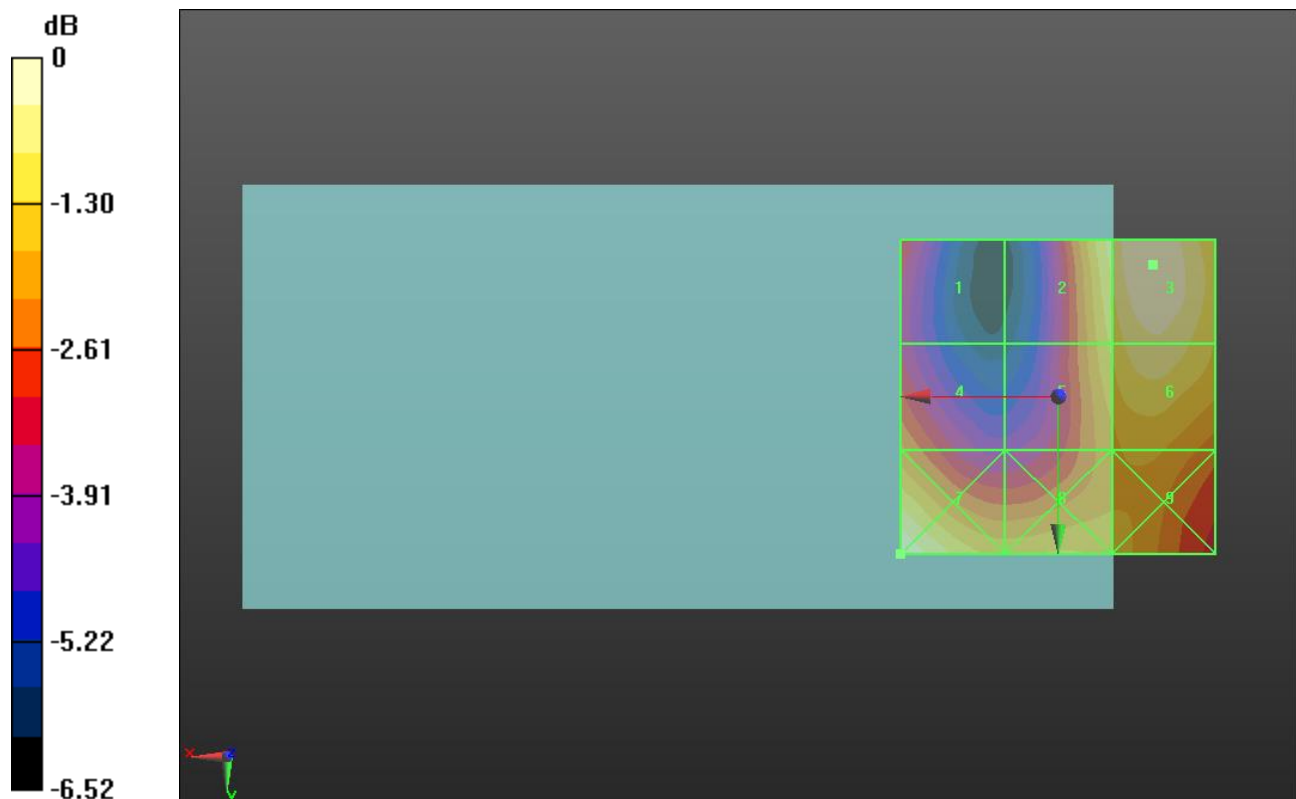
Applied MIF = 3.63 dB

RF audio interference level = 26.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.72 dBV/m	Grid 2 M4 26 dBV/m	Grid 3 M4 26.61 dBV/m
Grid 4 M4 24.66 dBV/m	Grid 5 M4 25.49 dBV/m	Grid 6 M4 26.19 dBV/m
Grid 7 M4 26.69 dBV/m	Grid 8 M4 25.45 dBV/m	Grid 9 M4 25.23 dBV/m



0 dB = 21.61 V/m = 26.69 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 = 20.21 V/m; Power Drift = -0.05 dB

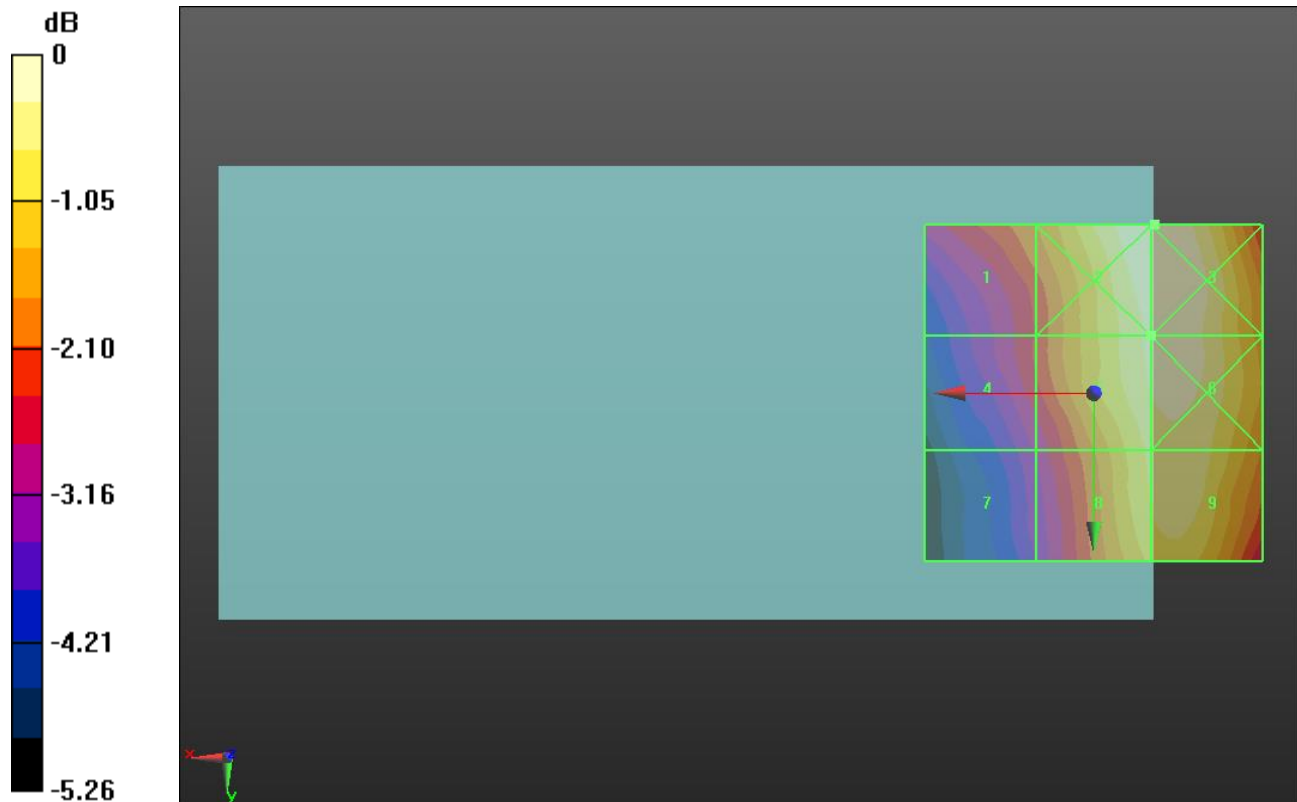
Applied MIF = 3.26 dB

RF audio interference level = 27.88 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.41 dBV/m	Grid 2 M4 28.14 dBV/m	Grid 3 M4 28.15 dBV/m
Grid 4 M4 25.79 dBV/m	Grid 5 M4 27.88 dBV/m	Grid 6 M4 27.99 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 27.55 dBV/m	Grid 9 M4 27.73 dBV/m



0 dB = 25.54 V/m = 28.14 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 = 23.96 V/m; Power Drift = -0.07 dB

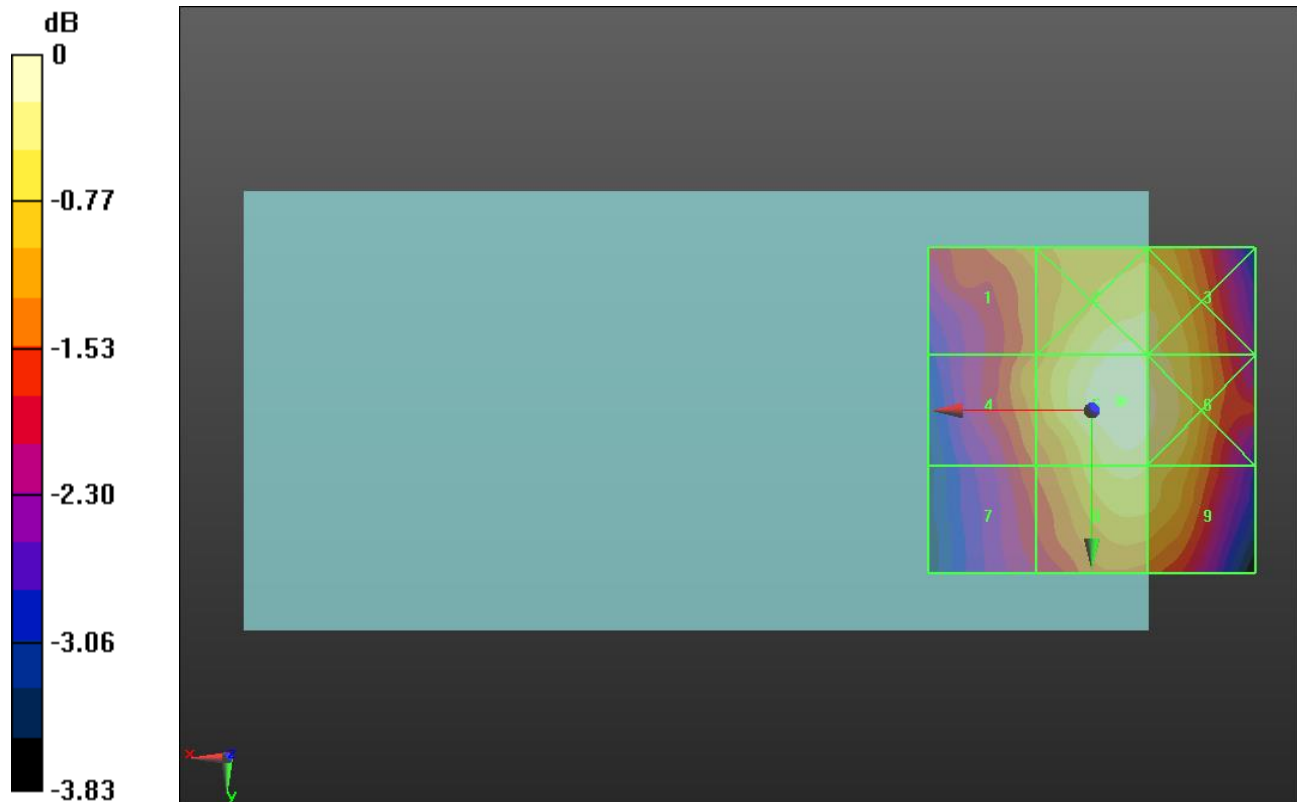
Applied MIF = 3.26 dB

RF audio interference level = 28.07 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.98 dBV/m	Grid 2 M4 27.91 dBV/m	Grid 3 M4 27.74 dBV/m
Grid 4 M4 27.1 dBV/m	Grid 5 M4 28.07 dBV/m	Grid 6 M4 27.92 dBV/m
Grid 7 M4 26.59 dBV/m	Grid 8 M4 27.67 dBV/m	Grid 9 M4 27.57 dBV/m



0 dB = 25.34 V/m = 28.08 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 = 26.69 V/m; Power Drift = -0.16 dB

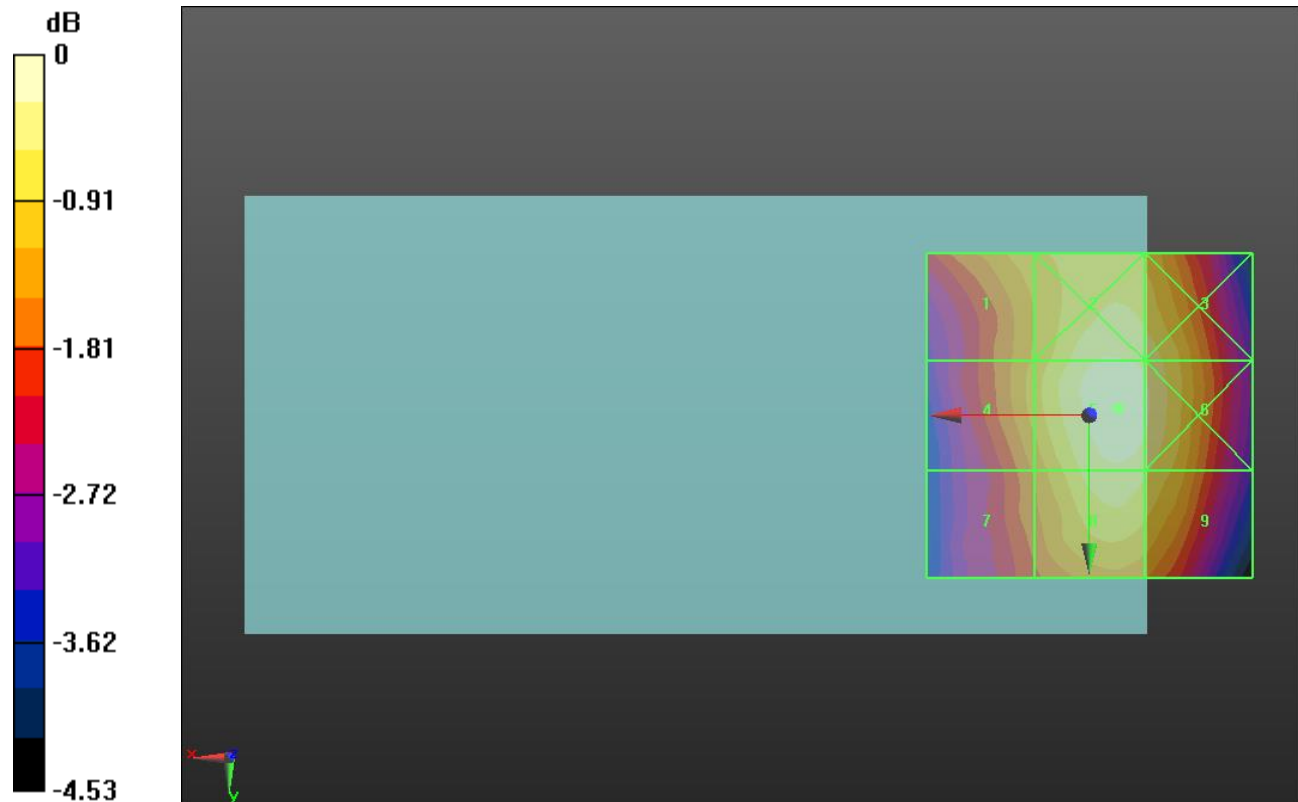
Applied MIF = 3.26 dB

RF audio interference level = 29.30 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.35 dBV/m	Grid 2 M4 29.04 dBV/m	Grid 3 M4 28.92 dBV/m
Grid 4 M4 28.25 dBV/m	Grid 5 M4 29.3 dBV/m	Grid 6 M4 29.08 dBV/m
Grid 7 M4 27.84 dBV/m	Grid 8 M4 28.94 dBV/m	Grid 9 M4 28.77 dBV/m



0 dB = 29.19 V/m = 29.30 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 = 12.38 V/m; Power Drift = -0.02 dB

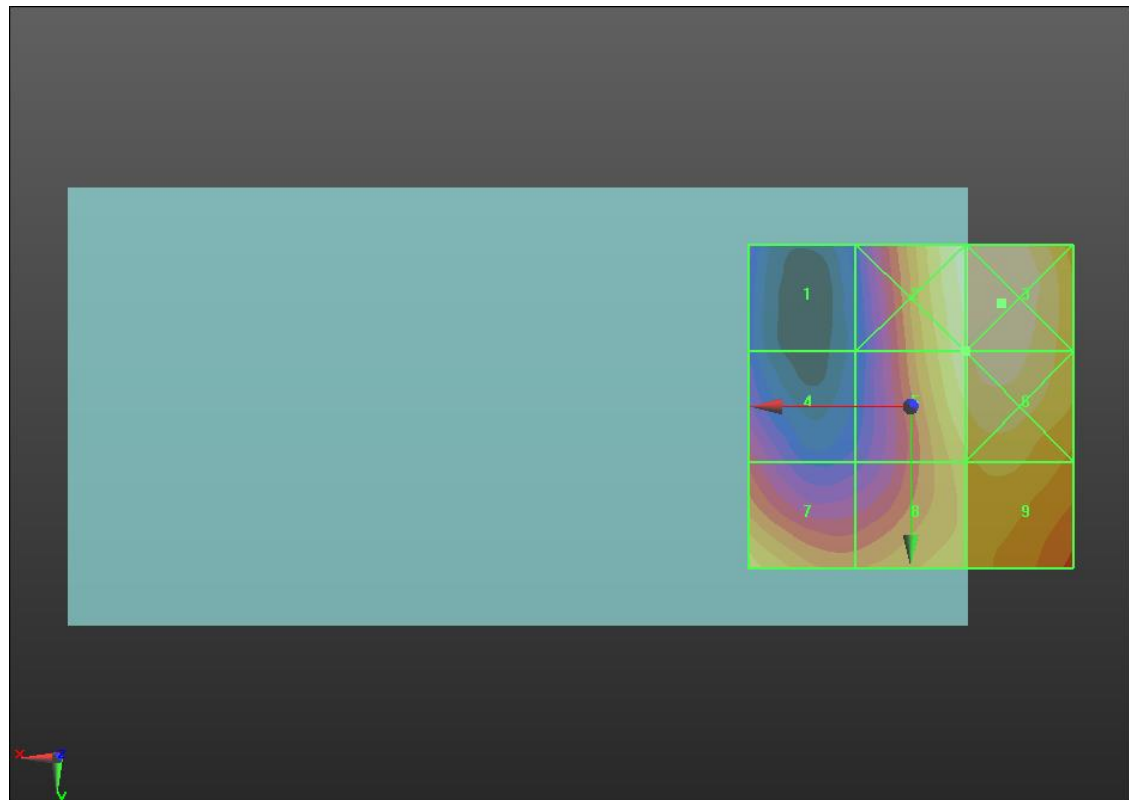
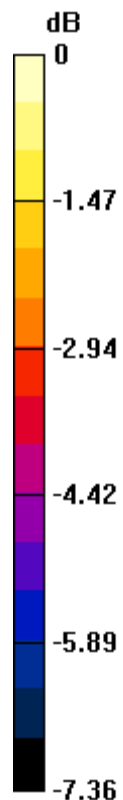
Applied MIF = 3.26 dB

RF audio interference level = 25.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.48 dBV/m	Grid 2 M4 26.26 dBV/m	Grid 3 M4 26.5 dBV/m
Grid 4 M4 22.97 dBV/m	Grid 5 M4 25.91 dBV/m	Grid 6 M4 26.29 dBV/m
Grid 7 M4 25.38 dBV/m	Grid 8 M4 24.89 dBV/m	Grid 9 M4 25.18 dBV/m



0 dB = 21.14 V/m = 26.50 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 = 12.01 V/m; Power Drift = -0.01 dB

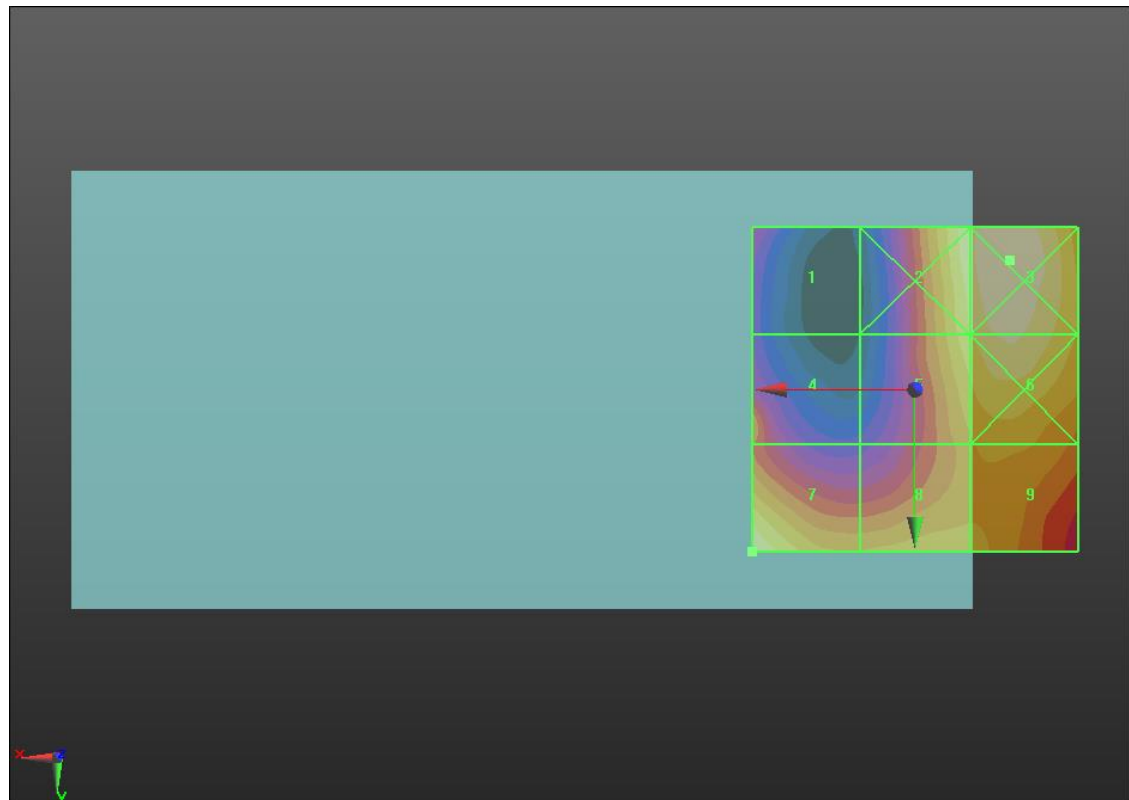
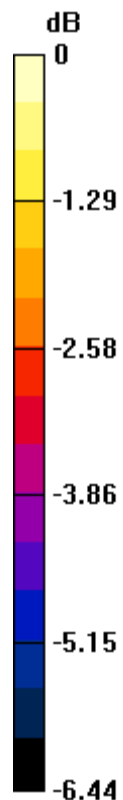
Applied MIF = 3.26 dB

RF audio interference level = 26.36 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.08 dBV/m	Grid 2 M4 26.21 dBV/m	Grid 3 M4 26.74 dBV/m
Grid 4 M4 24.72 dBV/m	Grid 5 M4 25.83 dBV/m	Grid 6 M4 26.36 dBV/m
Grid 7 M4 26.36 dBV/m	Grid 8 M4 25.31 dBV/m	Grid 9 M4 25.21 dBV/m



0 dB = 21.72 V/m = 26.74 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 = 13.63 V/m; Power Drift = 0.08 dB

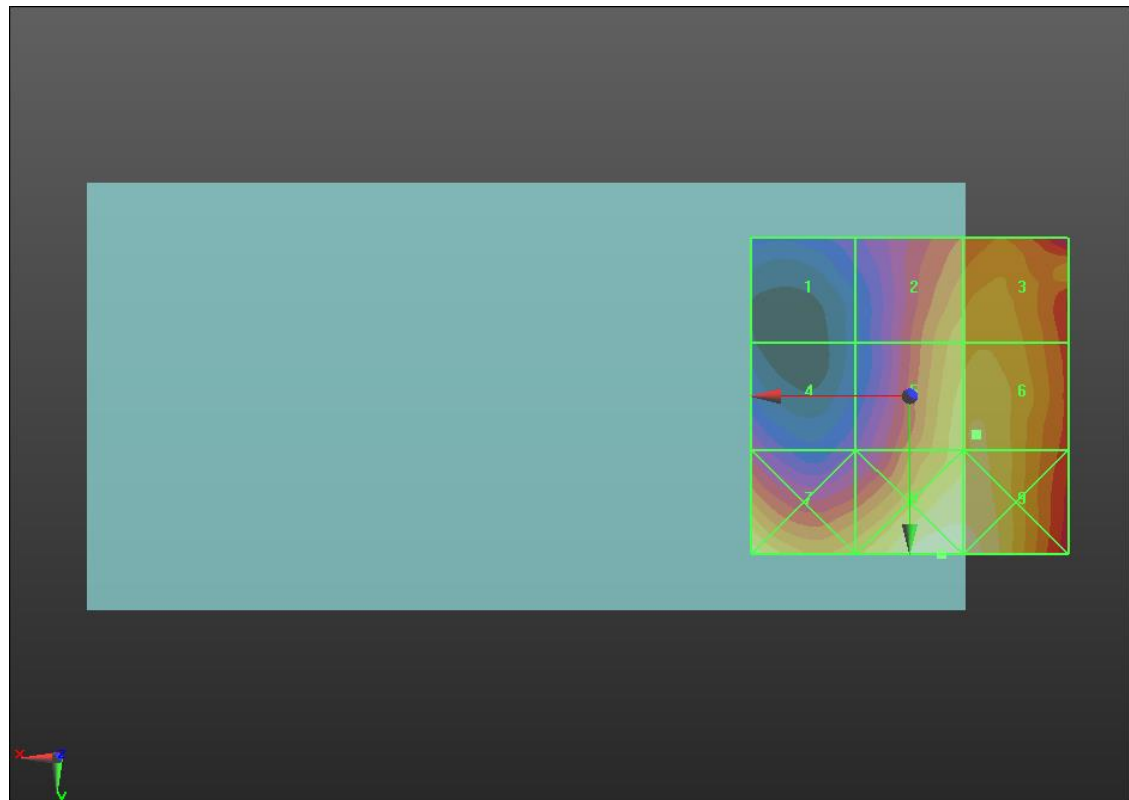
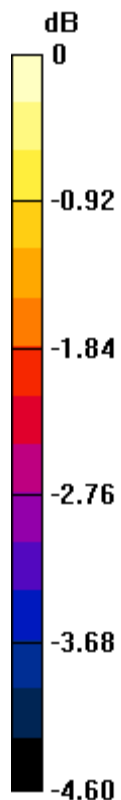
Applied MIF = 3.26 dB

RF audio interference level = 25.96 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.39 dBV/m	Grid 2 M4 25.48 dBV/m	Grid 3 M4 25.58 dBV/m
Grid 4 M4 23.94 dBV/m	Grid 5 M4 25.87 dBV/m	Grid 6 M4 25.96 dBV/m
Grid 7 M4 26.21 dBV/m	Grid 8 M4 26.53 dBV/m	Grid 9 M4 26.44 dBV/m



0 dB = 21.21 V/m = 26.53 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 = 66.54 V/m; Power Drift = 0.03 dB

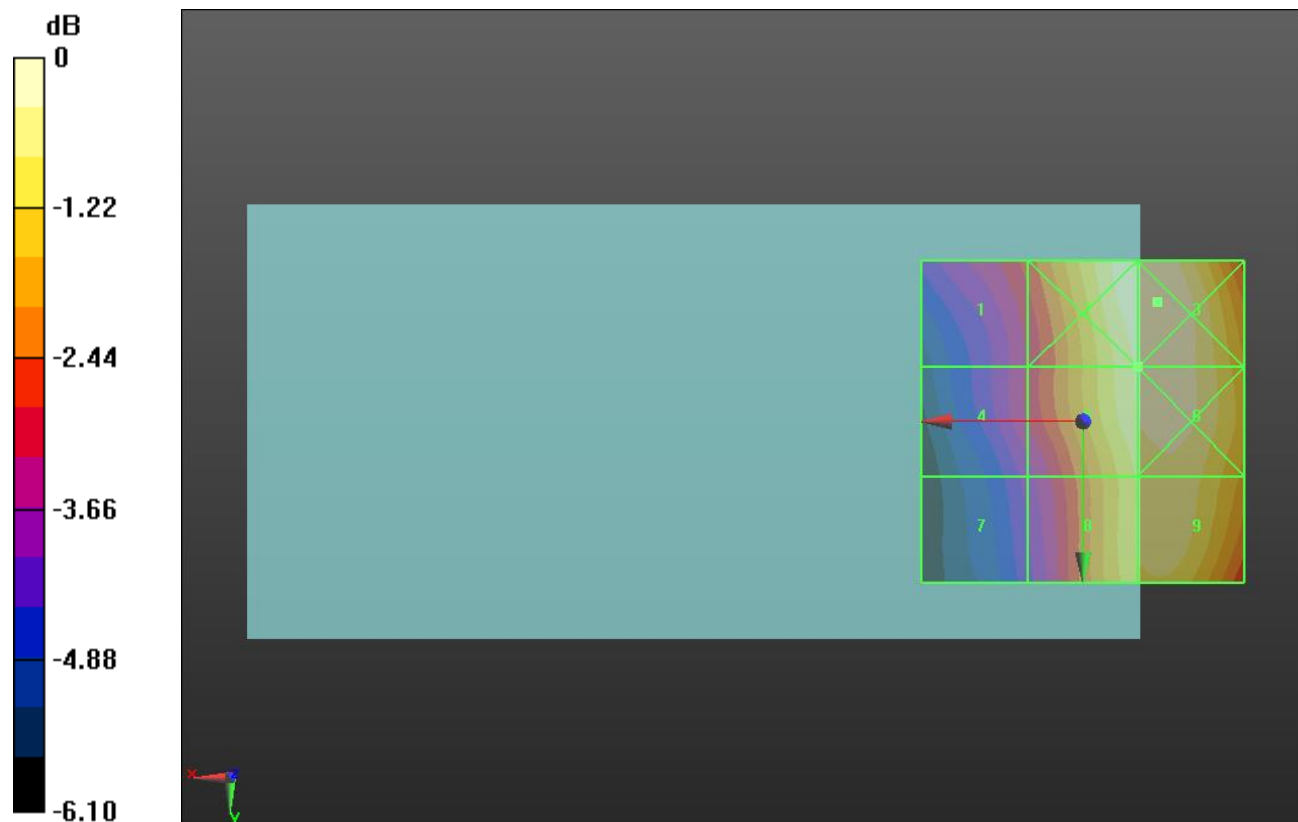
Applied MIF = 3.26 dB

RF audio interference level = 38.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 36.14 dBV/m	Grid 2 M4 38.7 dBV/m	Grid 3 M4 38.77 dBV/m
Grid 4 M4 35.66 dBV/m	Grid 5 M4 38.42 dBV/m	Grid 6 M4 38.63 dBV/m
Grid 7 M4 34.95 dBV/m	Grid 8 M4 38.01 dBV/m	Grid 9 M4 38.27 dBV/m



0 dB = 86.75 V/m = 38.77 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 = 67.31 V/m; Power Drift = 0.07 dB

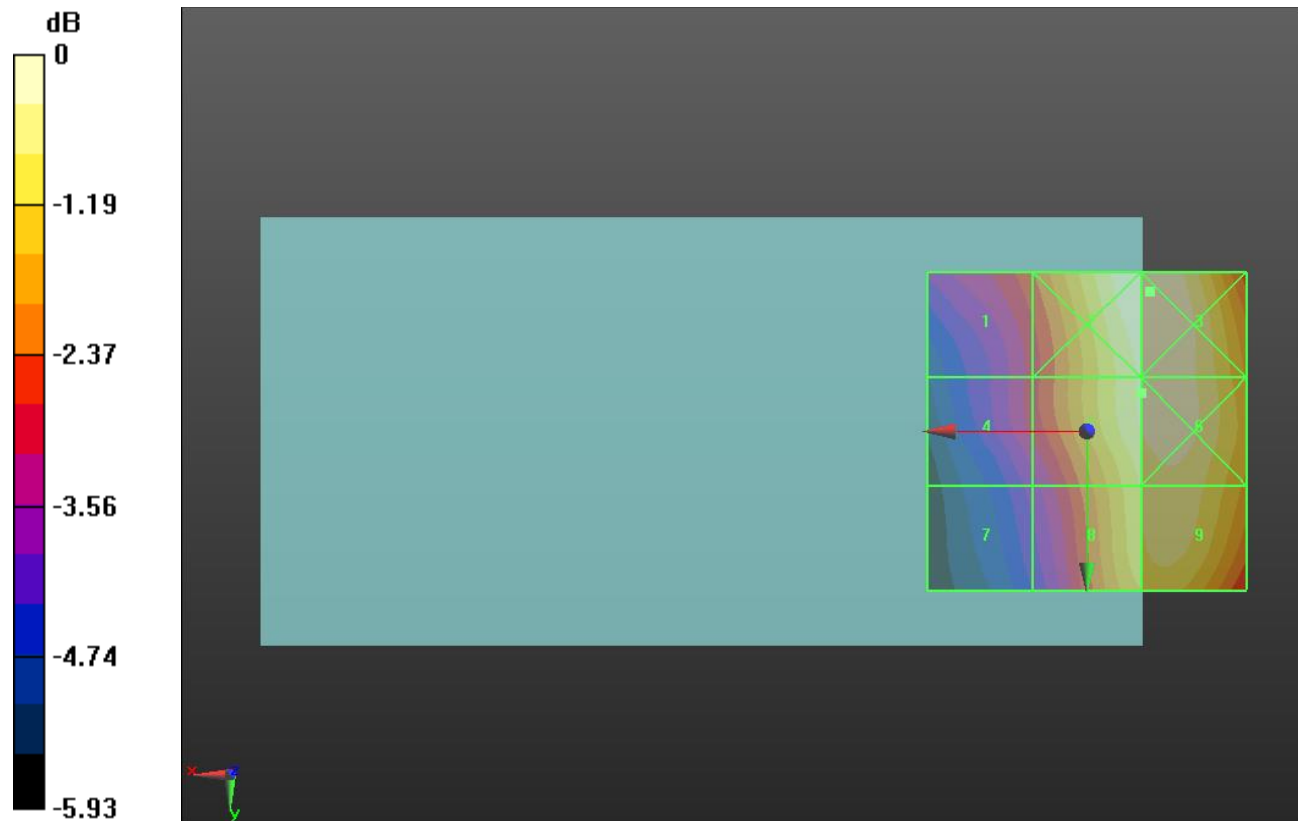
Applied MIF = 3.26 dB

RF audio interference level = 38.32 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 36.26 dBV/m	Grid 2 M4 38.62 dBV/m	Grid 3 M4 38.65 dBV/m
Grid 4 M4 35.74 dBV/m	Grid 5 M4 38.32 dBV/m	Grid 6 M4 38.51 dBV/m
Grid 7 M4 34.93 dBV/m	Grid 8 M4 37.9 dBV/m	Grid 9 M4 38.17 dBV/m



0 dB = 85.57 V/m = 38.65 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 = 75.04 V/m; Power Drift = -0.00 dB

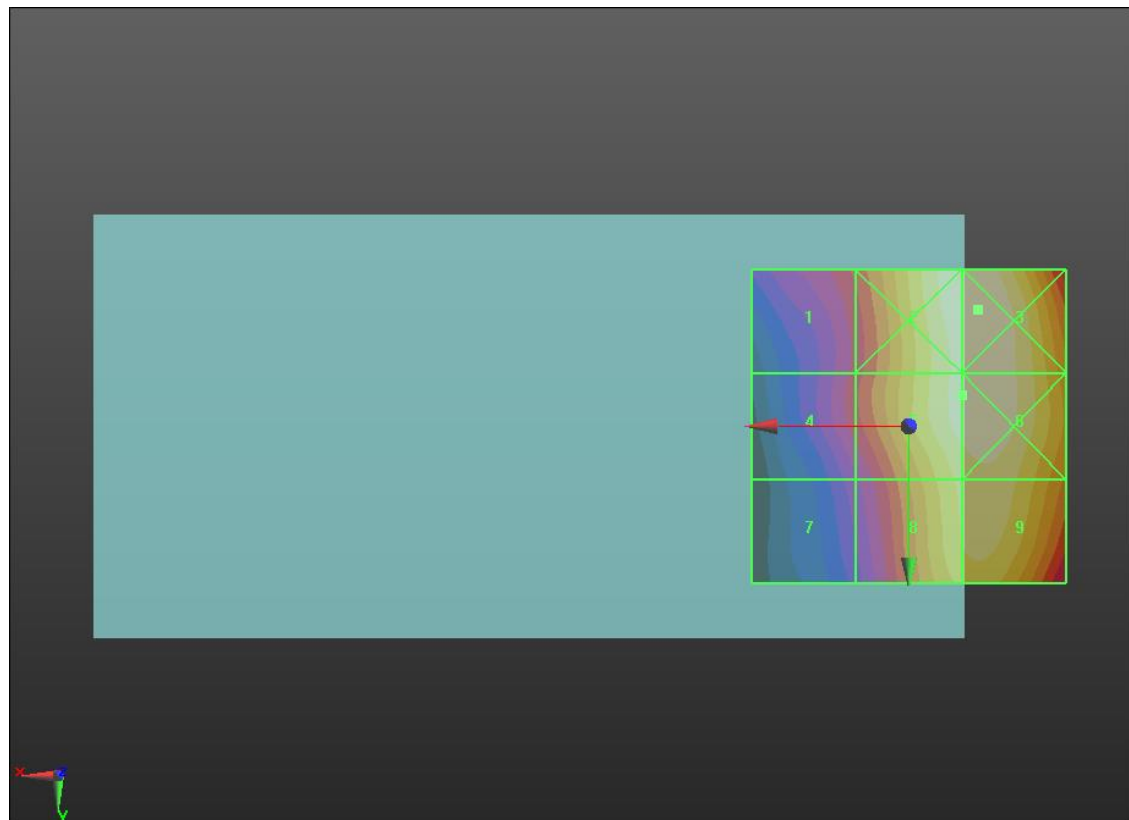
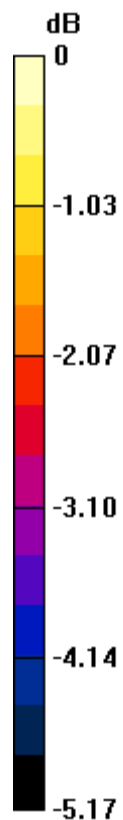
Applied MIF = 3.26 dB

RF audio interference level = 38.72 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 36.57 dBV/m	Grid 2 M4 38.83 dBV/m	Grid 3 M4 38.88 dBV/m
Grid 4 M4 36.4 dBV/m	Grid 5 M4 38.72 dBV/m	Grid 6 M4 38.83 dBV/m
Grid 7 M4 35.72 dBV/m	Grid 8 M4 38.32 dBV/m	Grid 9 M4 38.47 dBV/m



0 dB = 87.95 V/m = 38.88 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 = 13.33 V/m; Power Drift = -0.02 dB

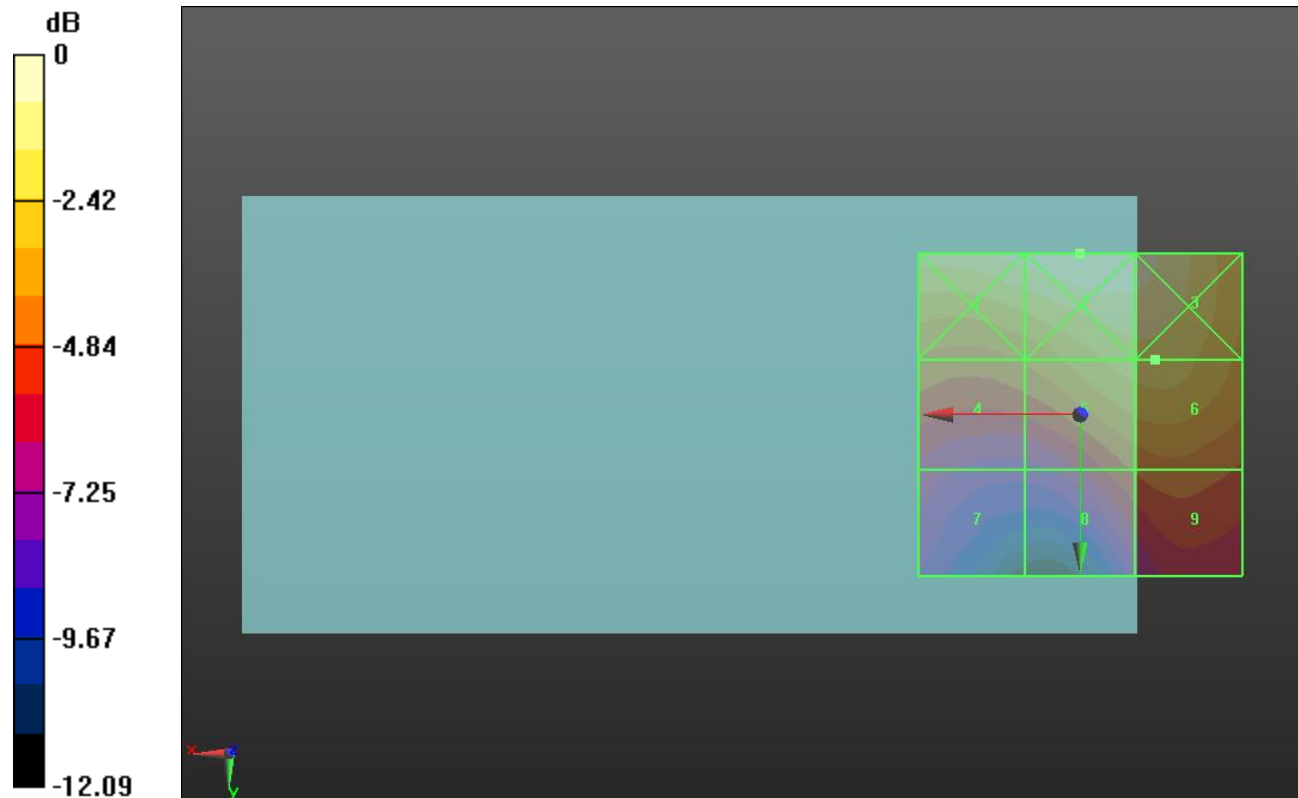
Applied MIF = -1.44 dB

RF audio interference level = 22.34 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.88 dBV/m	Grid 2 M4 24.26 dBV/m	Grid 3 M4 23.88 dBV/m
Grid 4 M4 20.37 dBV/m	Grid 5 M4 22.27 dBV/m	Grid 6 M4 22.34 dBV/m
Grid 7 M4 17.7 dBV/m	Grid 8 M4 19.57 dBV/m	Grid 9 M4 20 dBV/m



0 dB = 16.34 V/m = 24.27 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 = 11.84 V/m; Power Drift = 0.00 dB

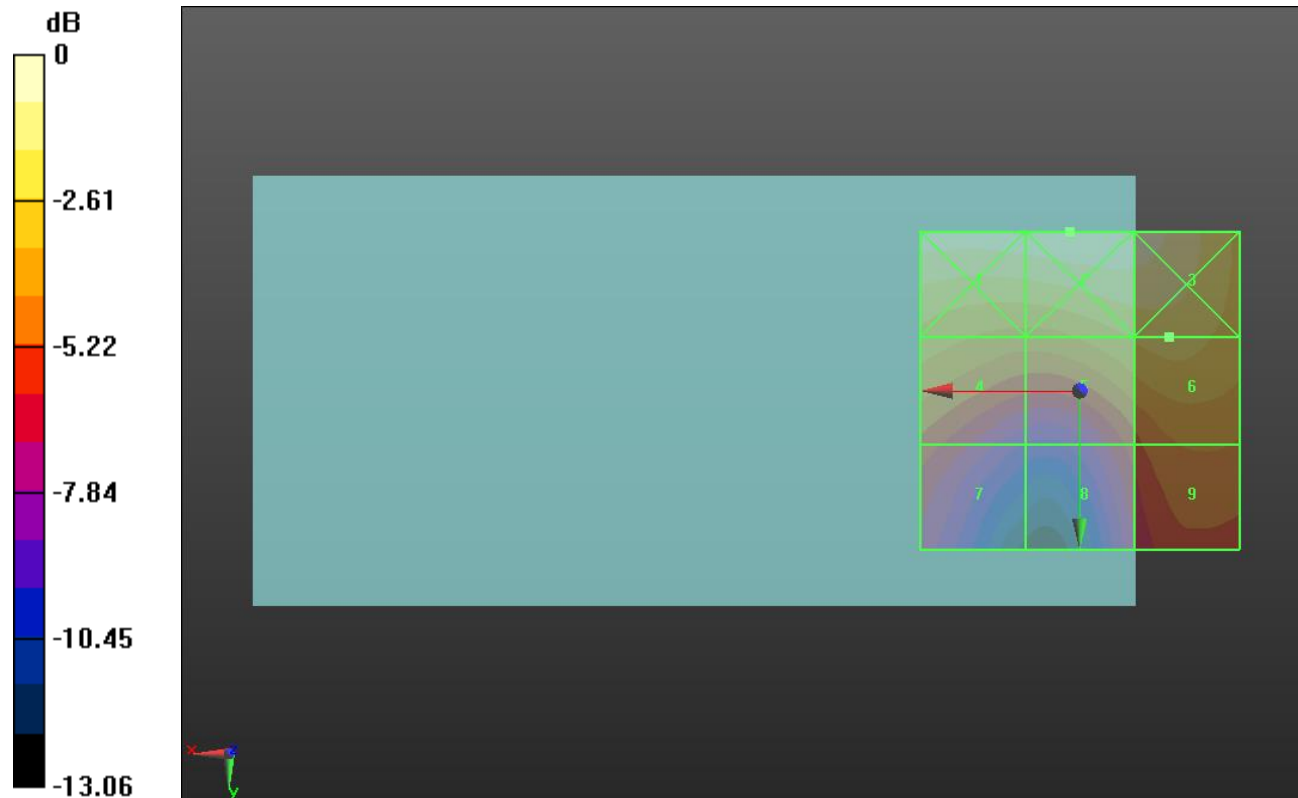
Applied MIF = -1.44 dB

RF audio interference level = 22.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.33 dBV/m	Grid 2 M4 24.46 dBV/m	Grid 3 M4 24.13 dBV/m
Grid 4 M4 21.59 dBV/m	Grid 5 M4 21.97 dBV/m	Grid 6 M4 22.23 dBV/m
Grid 7 M4 18.95 dBV/m	Grid 8 M4 18.88 dBV/m	Grid 9 M4 20.22 dBV/m



0 dB = 16.71 V/m = 24.46 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 = 12.39 V/m; Power Drift = 0.01 dB

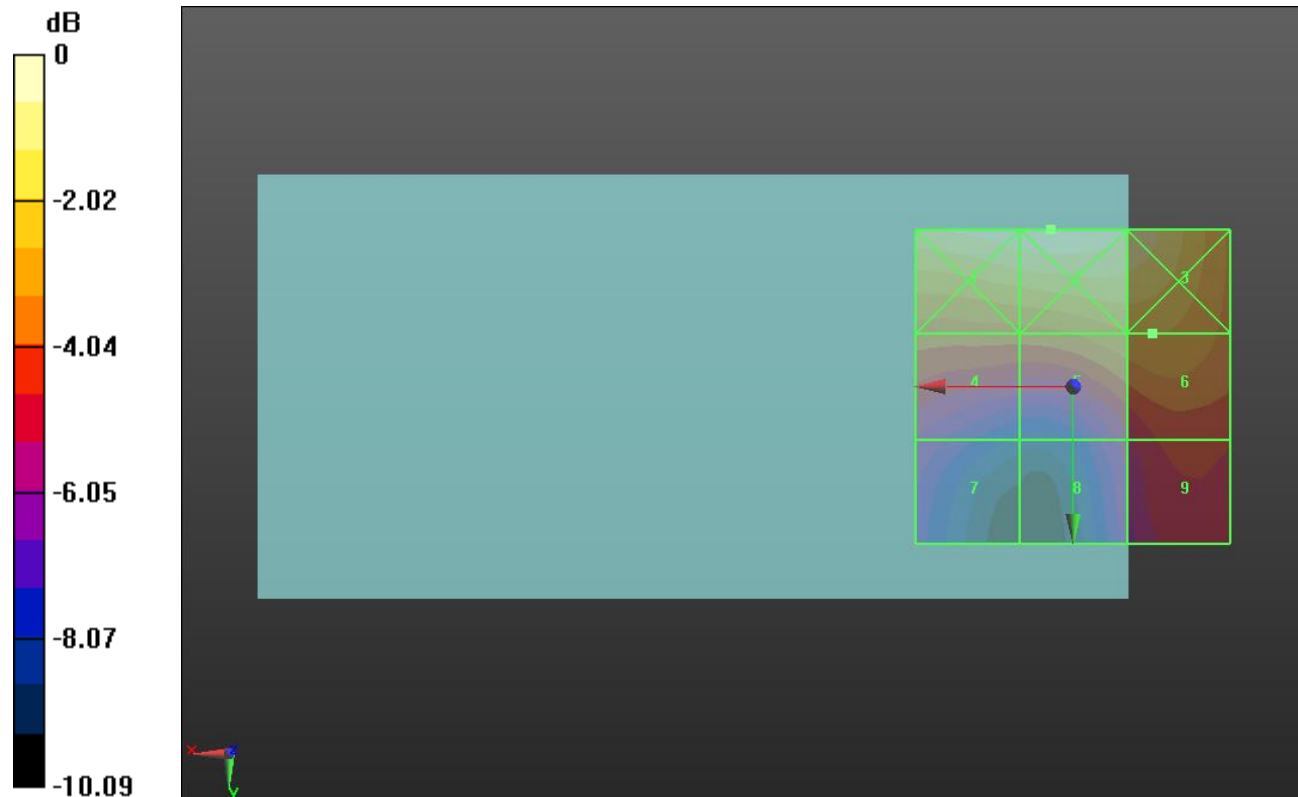
Applied MIF = -1.44 dB

RF audio interference level = 21.80 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.36 dBV/m	Grid 2 M4 24.44 dBV/m	Grid 3 M4 23.79 dBV/m
Grid 4 M4 20.82 dBV/m	Grid 5 M4 21.7 dBV/m	Grid 6 M4 21.8 dBV/m
Grid 7 M4 18.42 dBV/m	Grid 8 M4 18.89 dBV/m	Grid 9 M4 20.01 dBV/m



0 dB = 16.68 V/m = 24.44 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 = 10.30 V/m; Power Drift = 0.01 dB

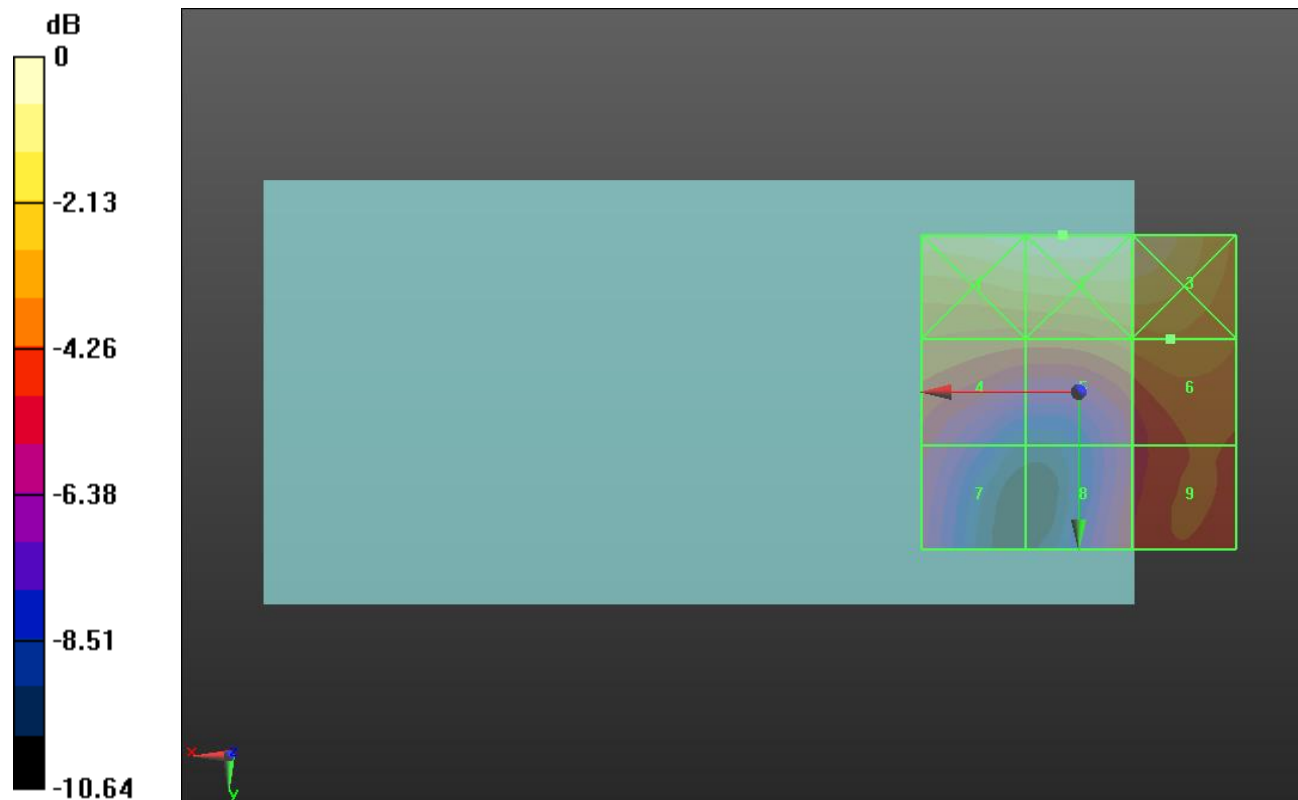
Applied MIF = -1.44 dB

RF audio interference level = 20.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.2 dBV/m	Grid 2 M4 23.34 dBV/m	Grid 3 M4 22.83 dBV/m
Grid 4 M4 19.8 dBV/m	Grid 5 M4 20.17 dBV/m	Grid 6 M4 20.42 dBV/m
Grid 7 M4 18 dBV/m	Grid 8 M4 18.32 dBV/m	Grid 9 M4 19.19 dBV/m



0 dB = 14.69 V/m = 23.34 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 = 8.867 V/m; Power Drift = -0.07 dB

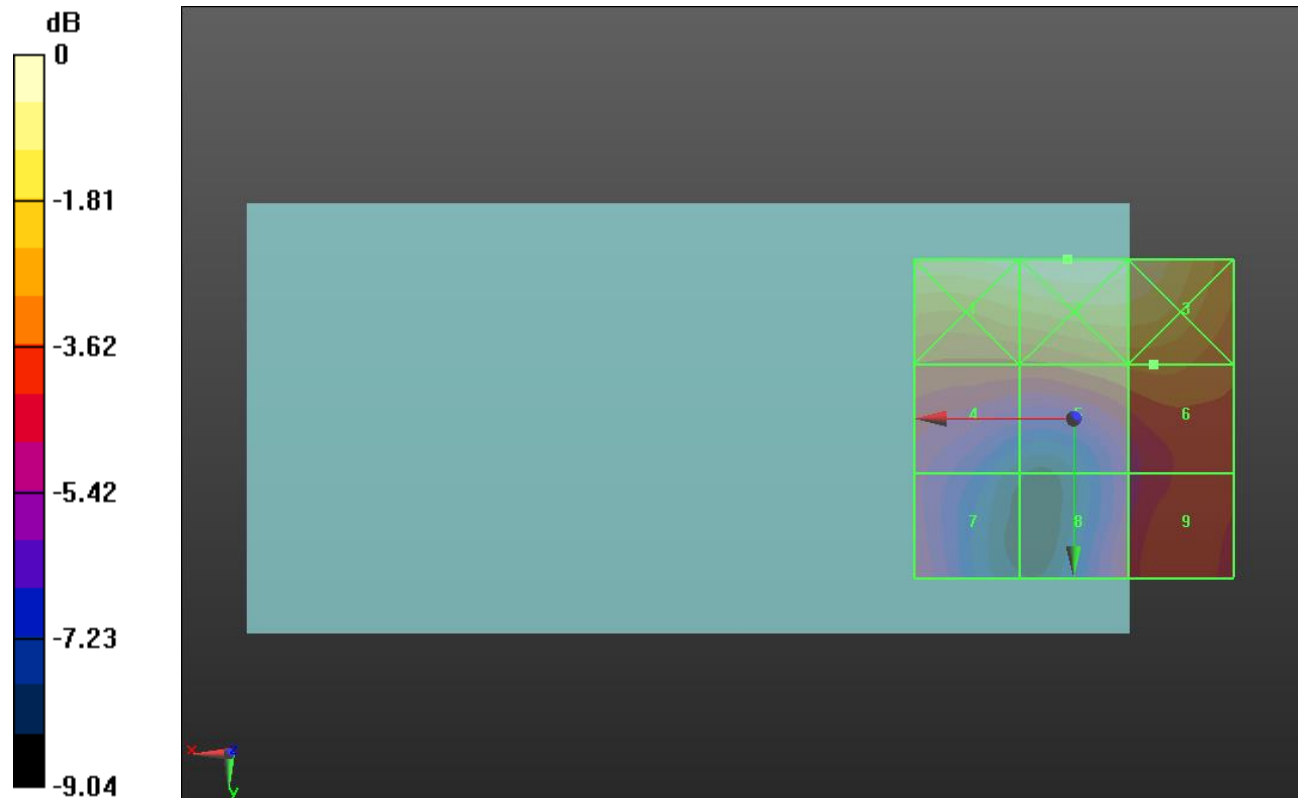
Applied MIF = -1.44 dB

RF audio interference level = 19.01 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.62 dBV/m	Grid 2 M4 21.8 dBV/m	Grid 3 M4 21.41 dBV/m
Grid 4 M4 18.2 dBV/m	Grid 5 M4 18.91 dBV/m	Grid 6 M4 19.01 dBV/m
Grid 7 M4 17.16 dBV/m	Grid 8 M4 17.19 dBV/m	Grid 9 M4 18.09 dBV/m



0 dB = 12.31 V/m = 21.81 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 = 21.51 V/m; Power Drift = -0.06 dB

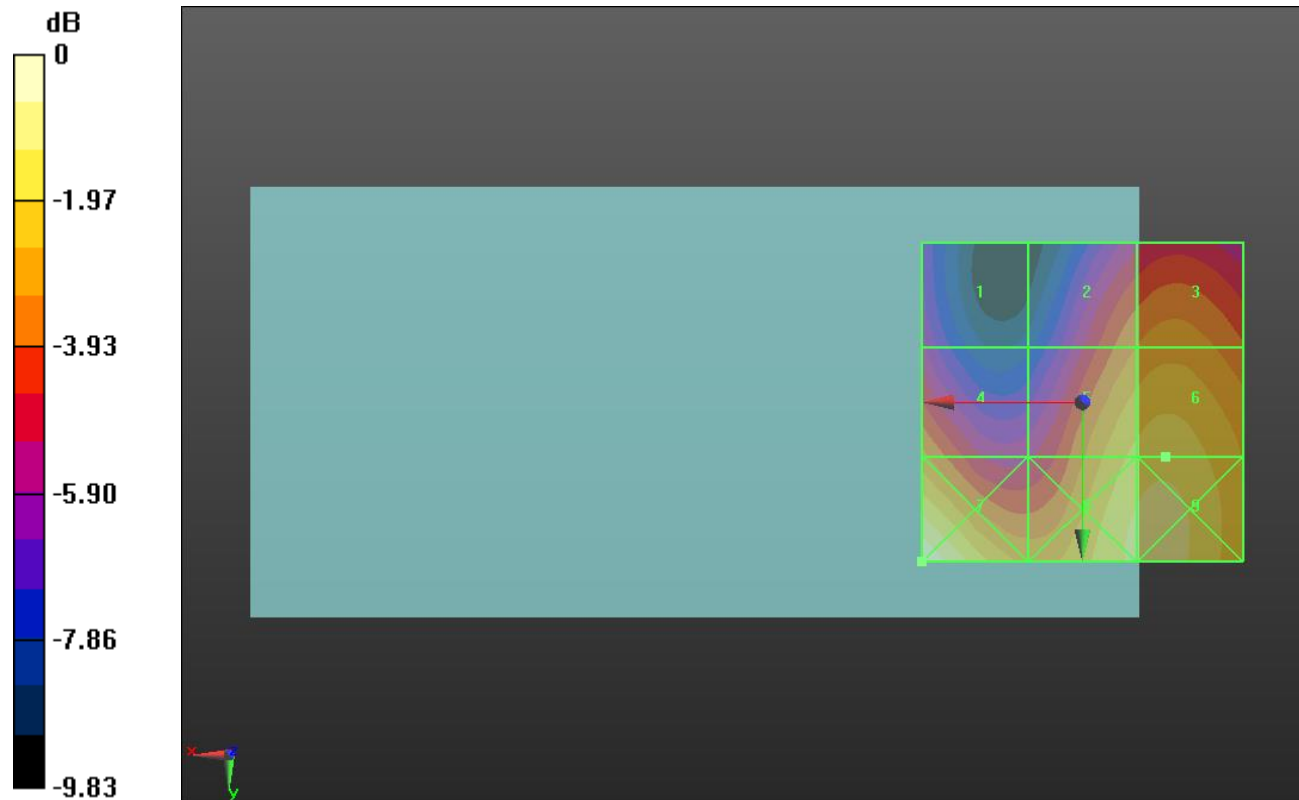
Applied MIF = -2.02 dB

RF audio interference level = 26.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.93 dBV/m	Grid 2 M4 24.37 dBV/m	Grid 3 M4 24.78 dBV/m
Grid 4 M4 24.59 dBV/m	Grid 5 M4 25.85 dBV/m	Grid 6 M4 26.08 dBV/m
Grid 7 M4 27.6 dBV/m	Grid 8 M4 26.48 dBV/m	Grid 9 M4 26.59 dBV/m



0 dB = 23.99 V/m = 27.60 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 = 23.41 V/m; Power Drift = 0.12 dB

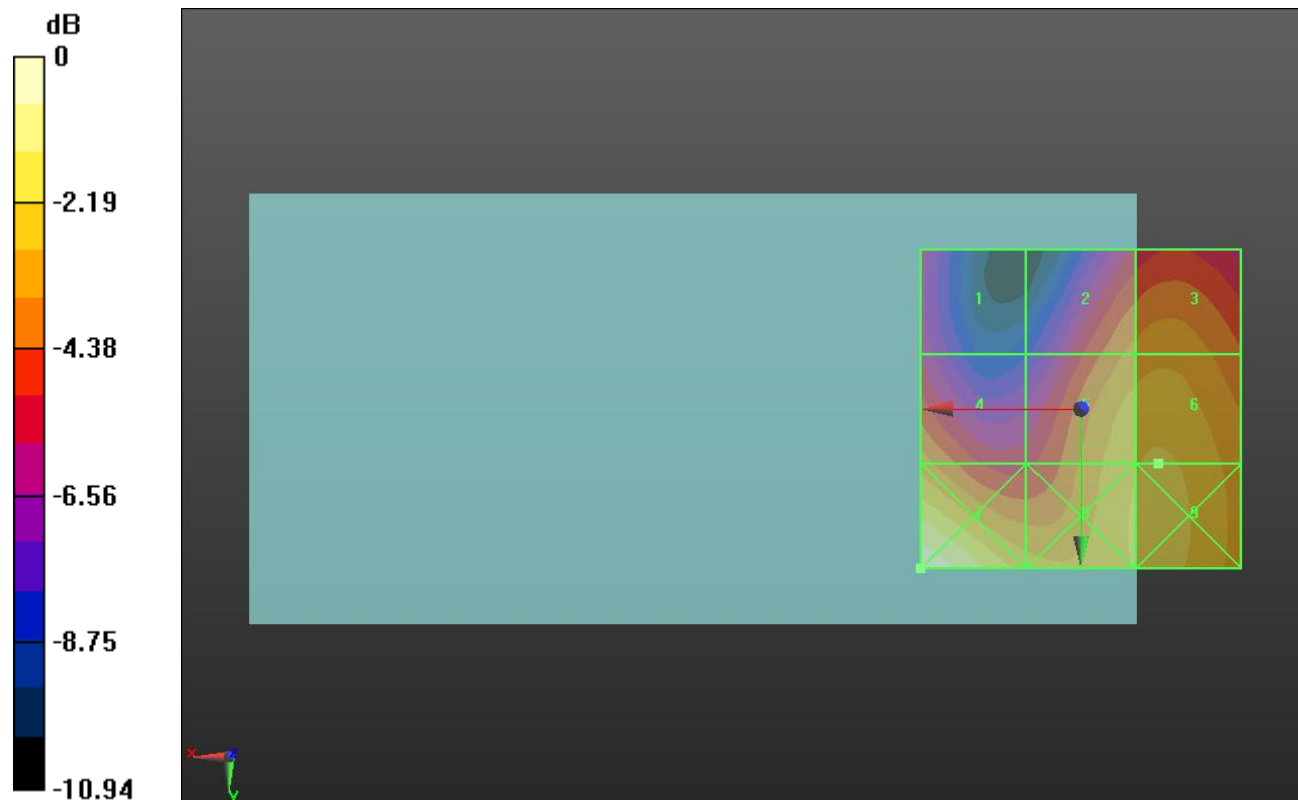
Applied MIF = -2.02 dB

RF audio interference level = 25.92 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.12 dBV/m	Grid 2 M4 24.65 dBV/m	Grid 3 M4 24.93 dBV/m
Grid 4 M4 24.81 dBV/m	Grid 5 M4 25.77 dBV/m	Grid 6 M4 25.92 dBV/m
Grid 7 M4 28.01 dBV/m	Grid 8 M4 25.94 dBV/m	Grid 9 M4 26.09 dBV/m



0 dB = 25.16 V/m = 28.01 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 = 20.83 V/m; Power Drift = -0.00 dB

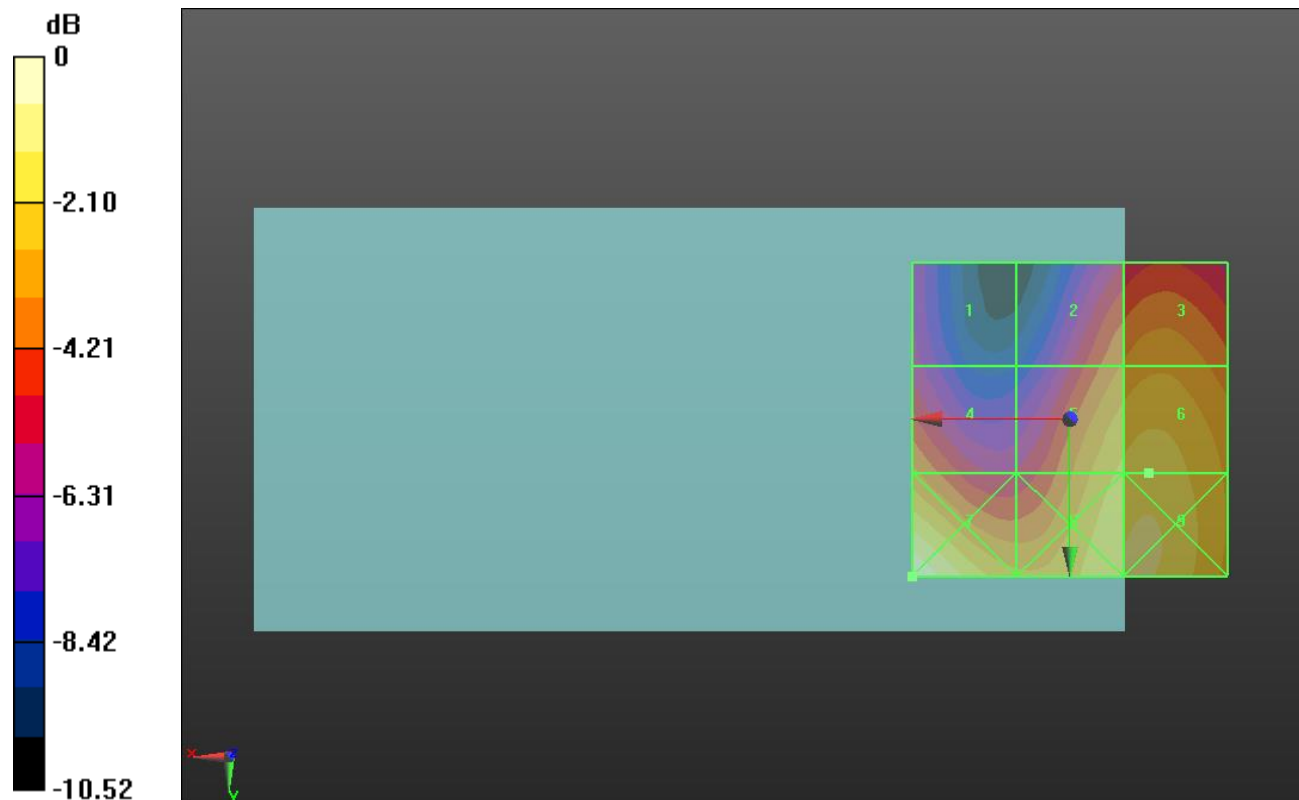
Applied MIF = -2.02 dB

RF audio interference level = 25.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.56 dBV/m	Grid 2 M4 23.98 dBV/m	Grid 3 M4 24.48 dBV/m
Grid 4 M4 24.11 dBV/m	Grid 5 M4 25.45 dBV/m	Grid 6 M4 25.69 dBV/m
Grid 7 M4 27.38 dBV/m	Grid 8 M4 25.99 dBV/m	Grid 9 M4 26.09 dBV/m



0 dB = 23.39 V/m = 27.38 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 = 10.80 V/m; Power Drift = 0.07 dB

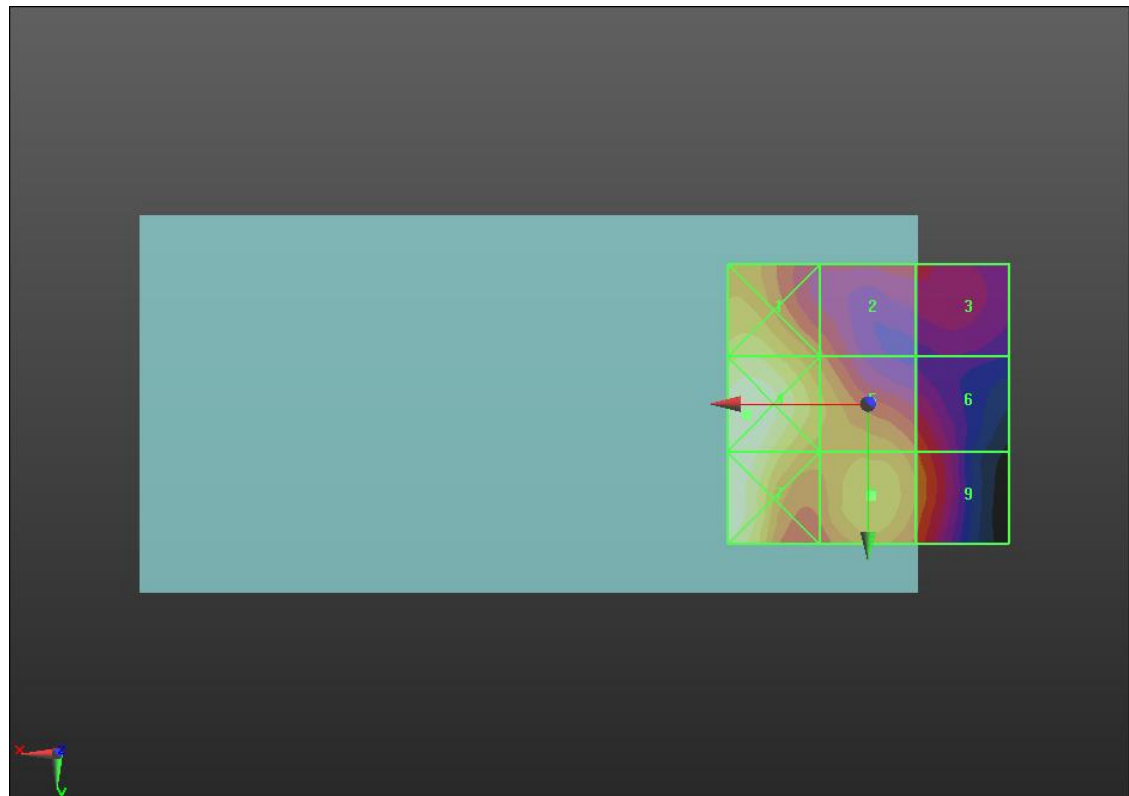
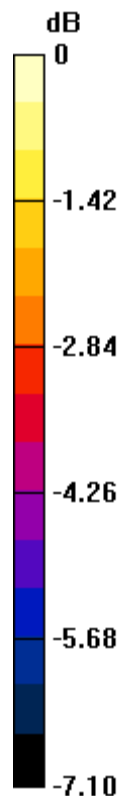
Applied MIF = -3.15 dB

RF audio interference level = 18.24 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.77 dBV/m	Grid 2 M4 17.05 dBV/m	Grid 3 M4 16.04 dBV/m
Grid 4 M4 19.68 dBV/m	Grid 5 M4 17.97 dBV/m	Grid 6 M4 16.92 dBV/m
Grid 7 M4 19.65 dBV/m	Grid 8 M4 18.24 dBV/m	Grid 9 M4 17.34 dBV/m



0 dB = 9.644 V/m = 19.69 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 = 10.97 V/m; Power Drift = -0.20 dB

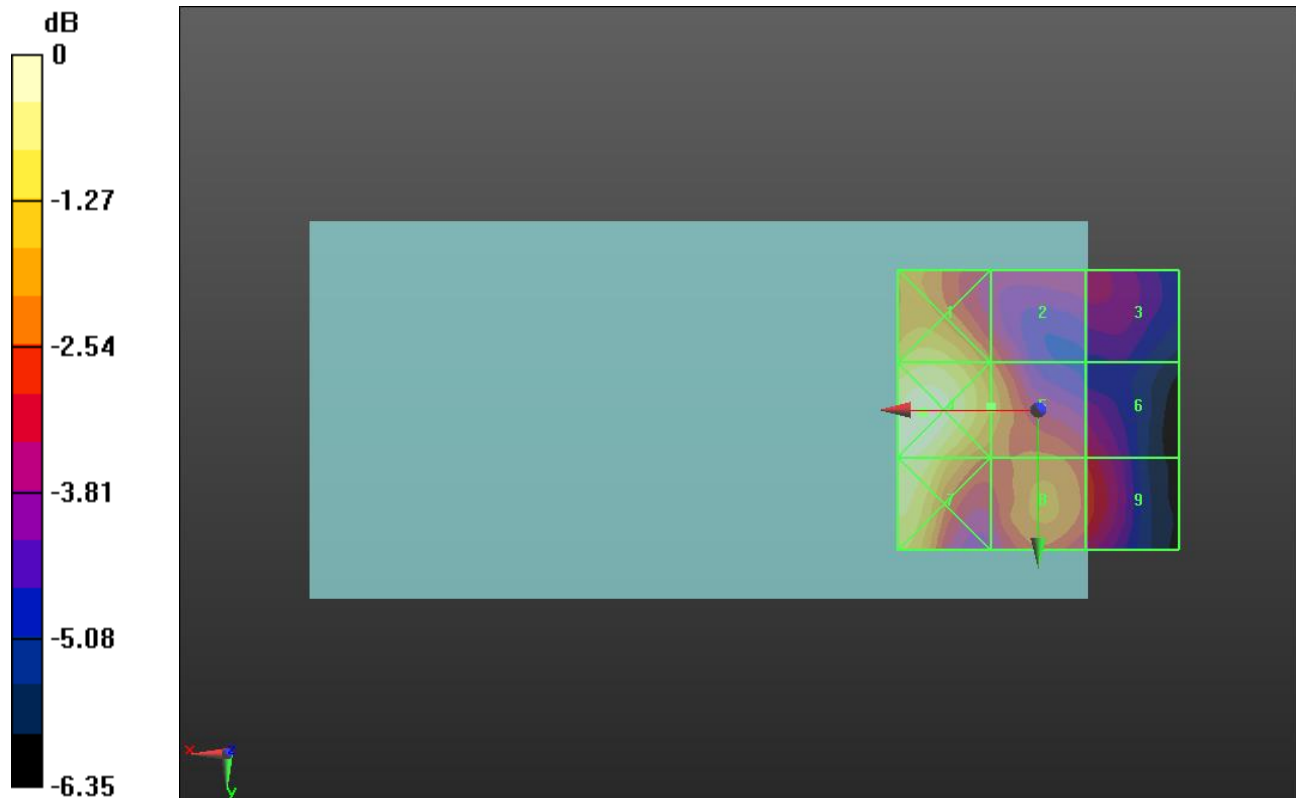
Applied MIF = -3.15 dB

RF audio interference level = 18.36 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.19 dBV/m	Grid 2 M4 17.69 dBV/m	Grid 3 M4 16.6 dBV/m
Grid 4 M4 20.1 dBV/m	Grid 5 M4 18.36 dBV/m	Grid 6 M4 17.04 dBV/m
Grid 7 M4 19.73 dBV/m	Grid 8 M4 18.12 dBV/m	Grid 9 M4 17.43 dBV/m



0 dB = 10.12 V/m = 20.10 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 = 11.30 V/m; Power Drift = 0.13 dB

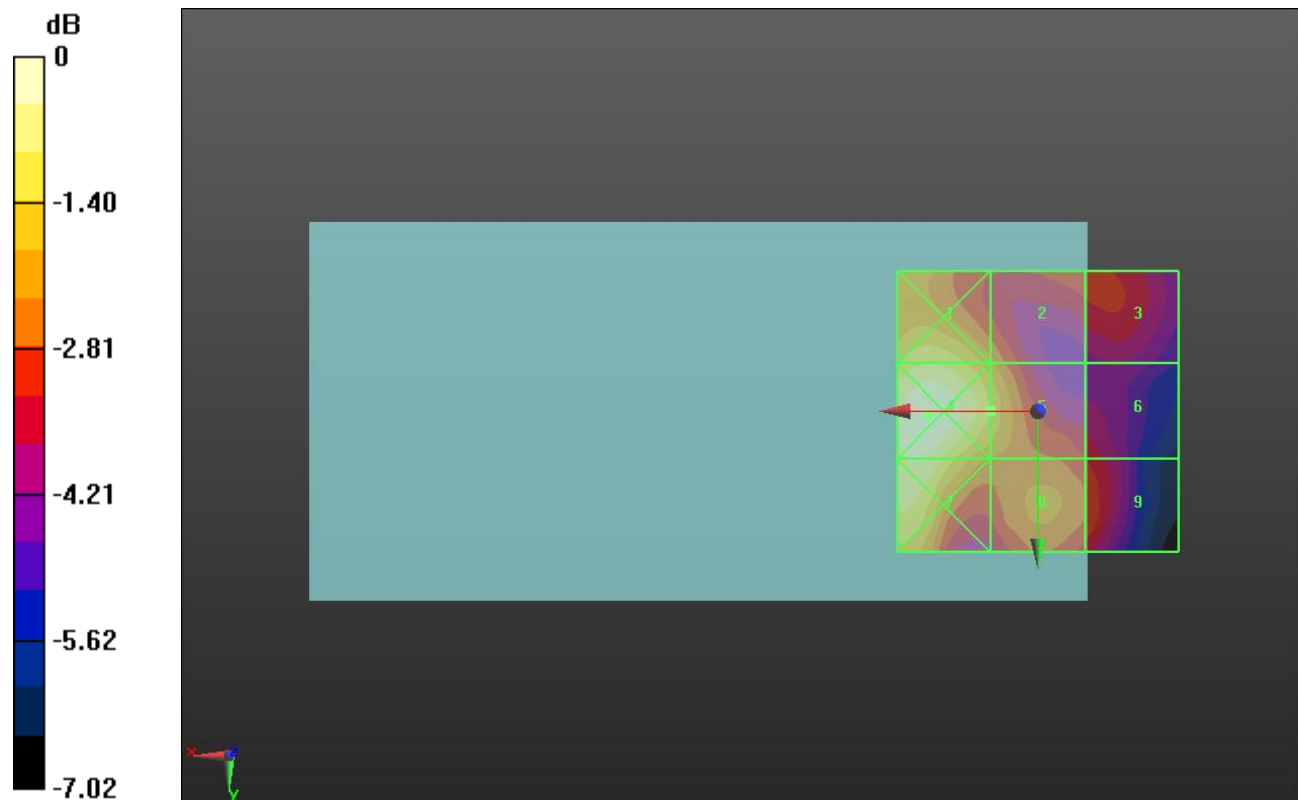
Applied MIF = -3.15 dB

RF audio interference level = 18.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.34 dBV/m	Grid 2 M4 18.12 dBV/m	Grid 3 M4 17.31 dBV/m
Grid 4 M4 20.26 dBV/m	Grid 5 M4 18.87 dBV/m	Grid 6 M4 17.02 dBV/m
Grid 7 M4 19.84 dBV/m	Grid 8 M4 18.06 dBV/m	Grid 9 M4 17.47 dBV/m



0 dB = 10.31 V/m = 20.27 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 = 12.28 V/m; Power Drift = 0.11 dB

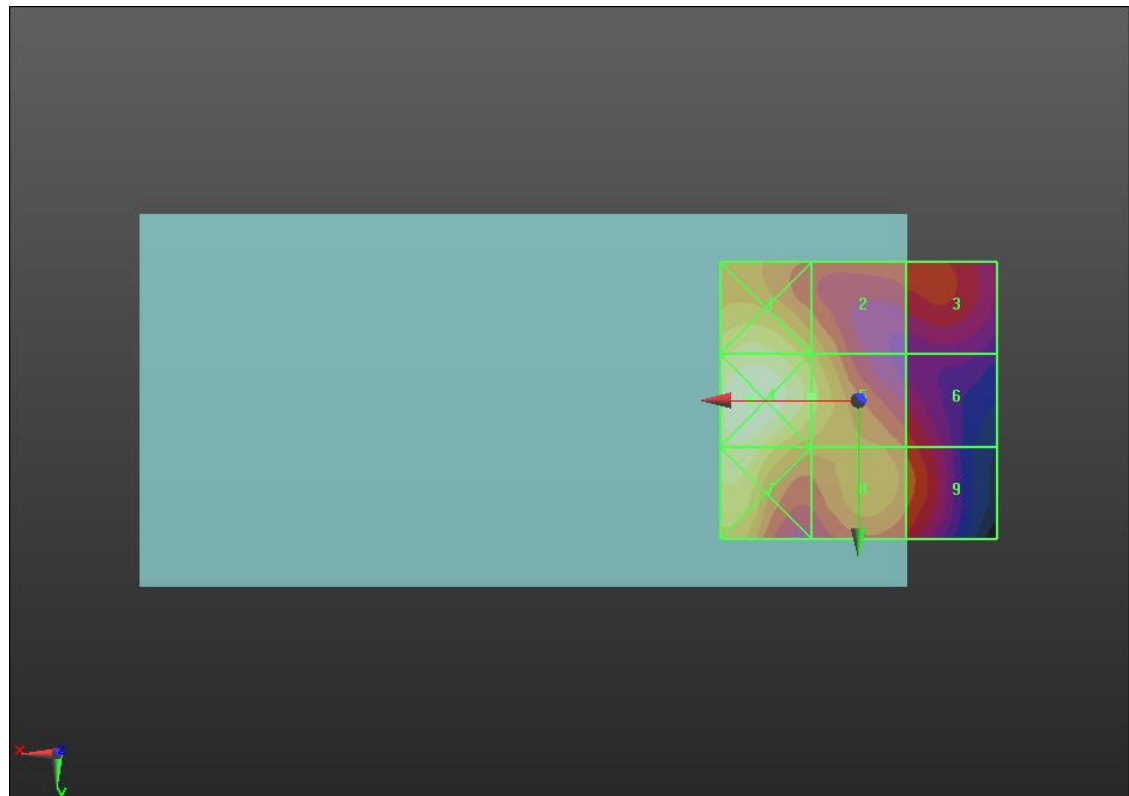
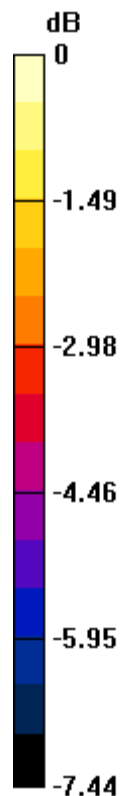
Applied MIF = -3.15 dB

RF audio interference level = 19.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.7 dBV/m	Grid 2 M4 18.57 dBV/m	Grid 3 M4 17.31 dBV/m
Grid 4 M4 20.44 dBV/m	Grid 5 M4 19.23 dBV/m	Grid 6 M4 17.4 dBV/m
Grid 7 M4 19.87 dBV/m	Grid 8 M4 18.4 dBV/m	Grid 9 M4 17.81 dBV/m



0 dB = 10.52 V/m = 20.44 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 = 13.49 V/m; Power Drift = -0.06 dB

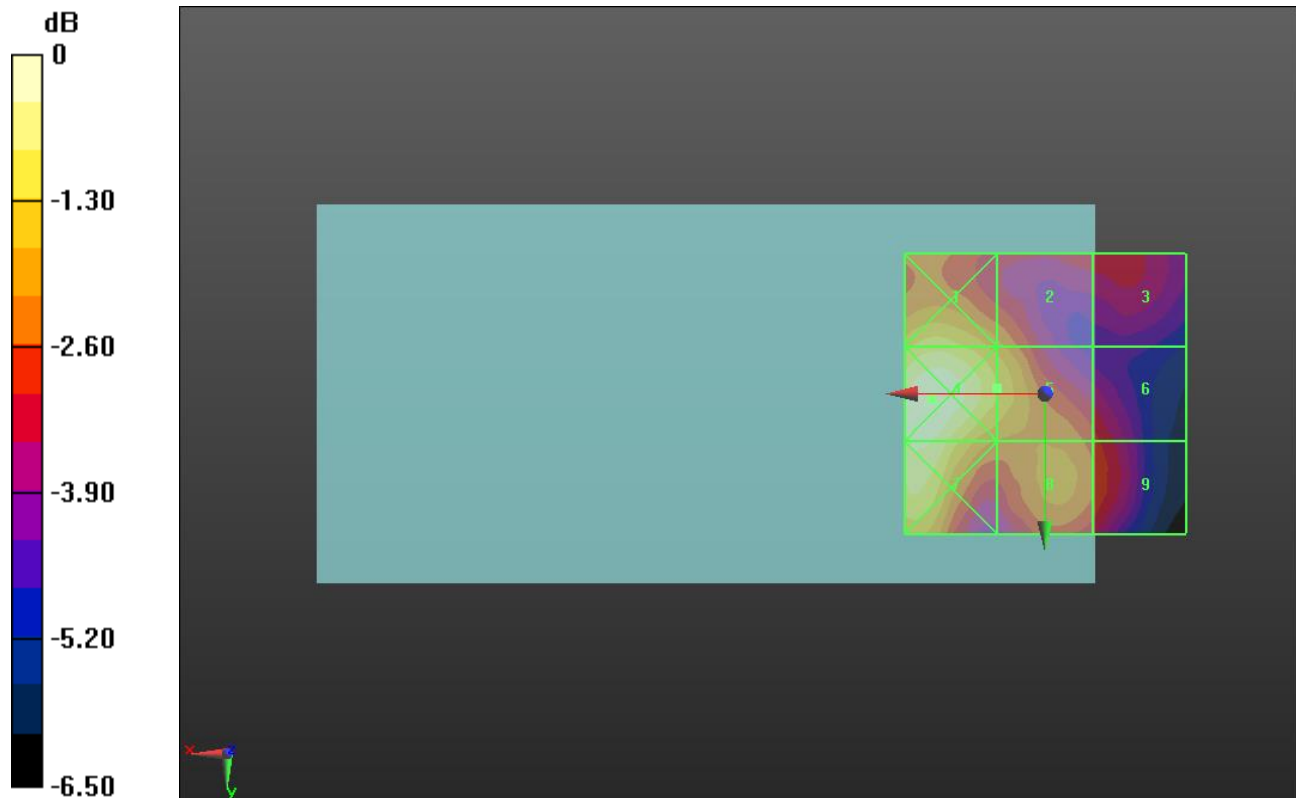
Applied MIF = -3.15 dB

RF audio interference level = 19.69 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.96 dBV/m	Grid 2 M4 19.01 dBV/m	Grid 3 M4 17.77 dBV/m
Grid 4 M4 20.97 dBV/m	Grid 5 M4 19.69 dBV/m	Grid 6 M4 18.17 dBV/m
Grid 7 M4 20.63 dBV/m	Grid 8 M4 18.99 dBV/m	Grid 9 M4 18.44 dBV/m



0 dB = 11.19 V/m = 20.98 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 = 13.84 V/m; Power Drift = 0.20 dB

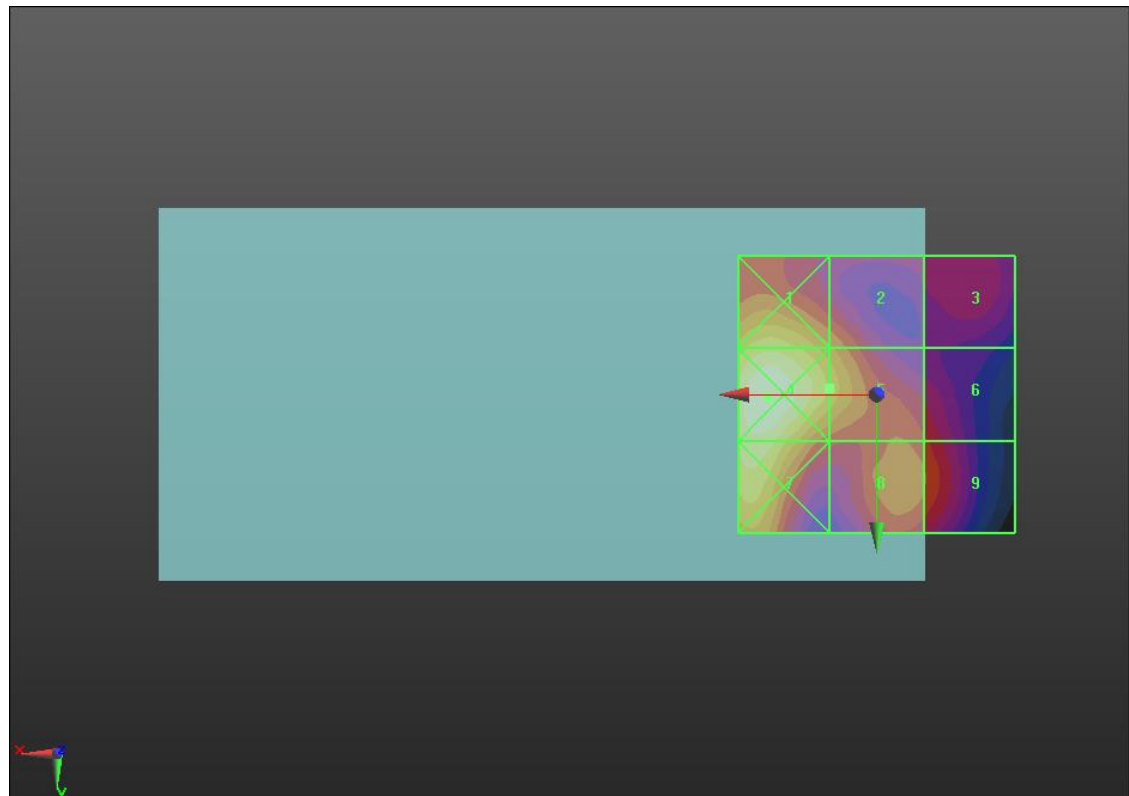
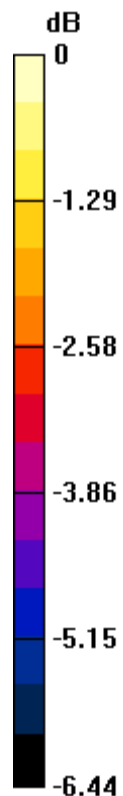
Applied MIF = -3.15 dB

RF audio interference level = 20.09 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.51 dBV/m	Grid 2 M4 19.43 dBV/m	Grid 3 M4 18.03 dBV/m
Grid 4 M4 21.48 dBV/m	Grid 5 M4 20.09 dBV/m	Grid 6 M4 18.6 dBV/m
Grid 7 M4 20.94 dBV/m	Grid 8 M4 19.27 dBV/m	Grid 9 M4 18.97 dBV/m



0 dB = 11.85 V/m = 21.47 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 = 15.34 V/m; Power Drift = 0.12 dB

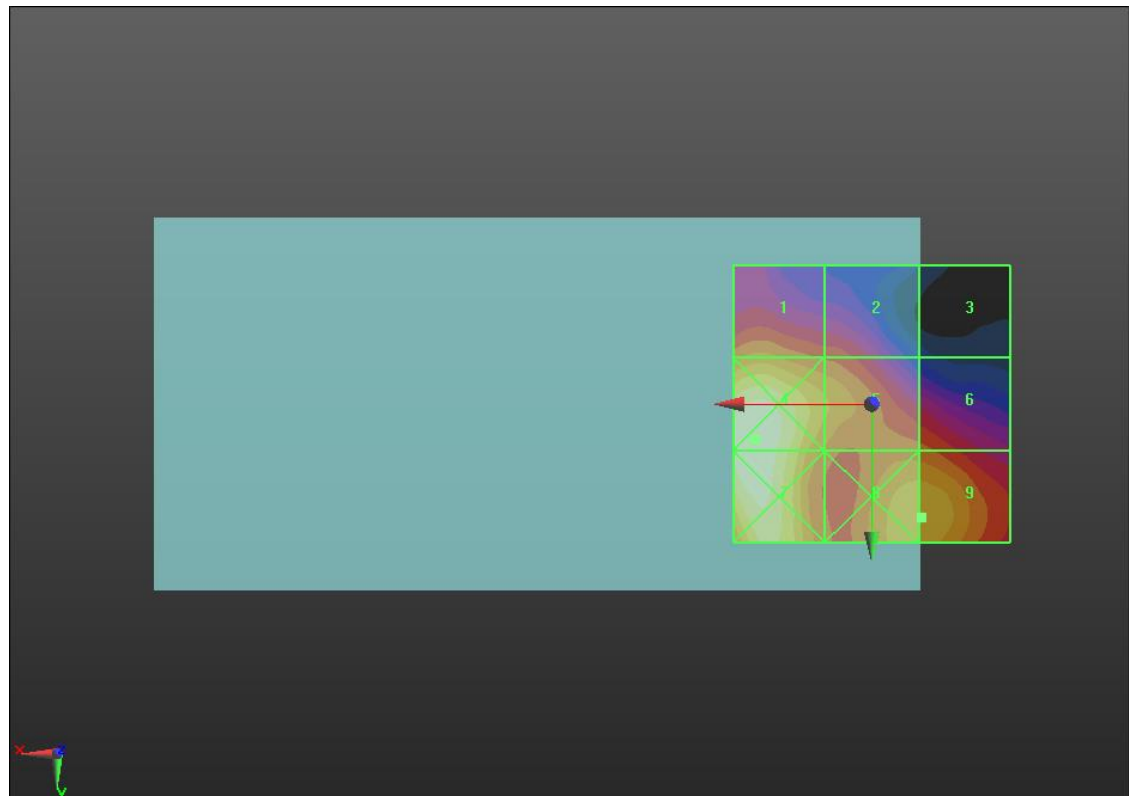
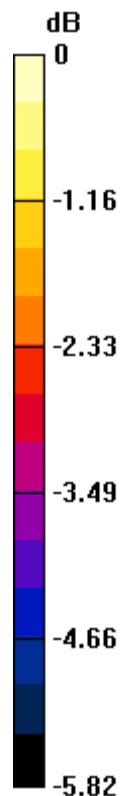
Applied MIF = -3.15 dB

RF audio interference level = 20.48 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.85 dBV/m	Grid 2 M4 19.23 dBV/m	Grid 3 M4 16.93 dBV/m
Grid 4 M4 21.63 dBV/m	Grid 5 M4 20.16 dBV/m	Grid 6 M4 19.49 dBV/m
Grid 7 M4 21.6 dBV/m	Grid 8 M4 20.48 dBV/m	Grid 9 M4 20.48 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: 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 = 15.49 V/m; Power Drift = -0.07 dB

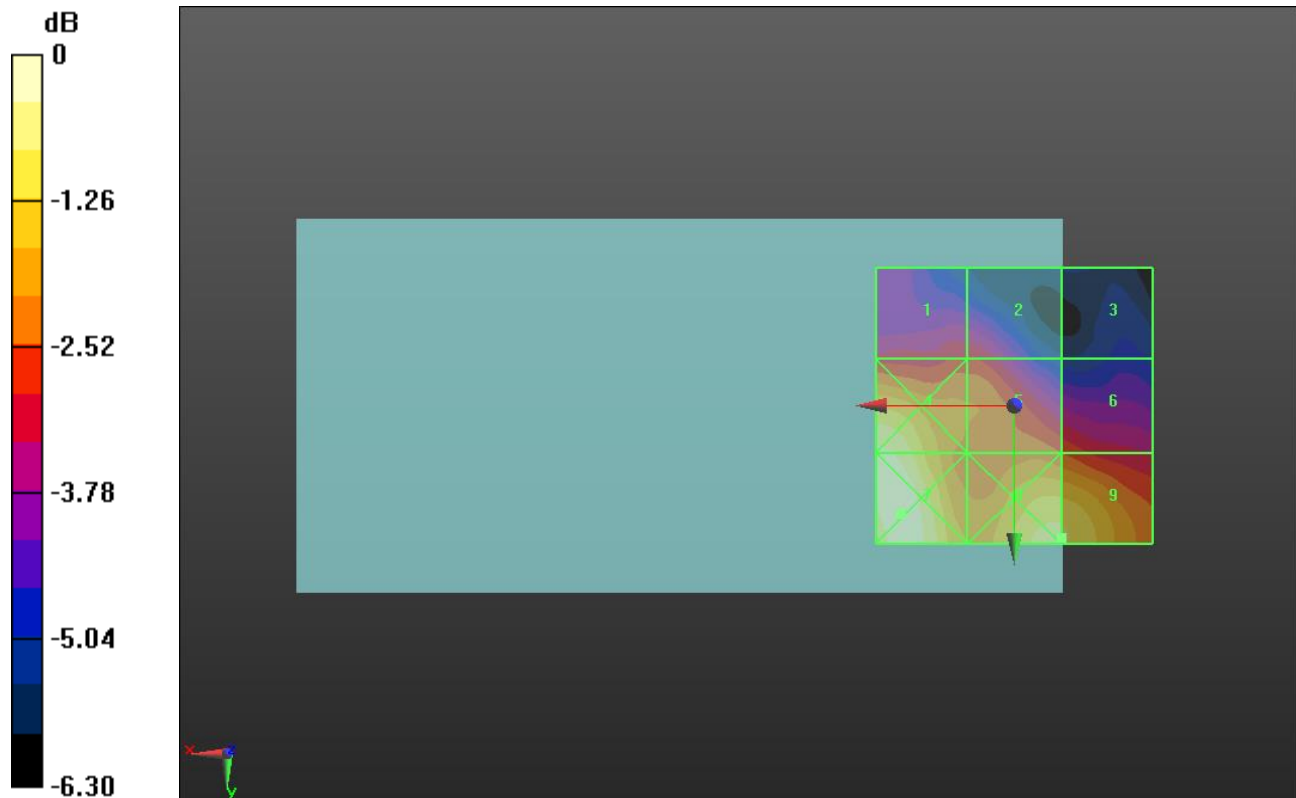
Applied MIF = -3.15 dB

RF audio interference level = 21.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.96 dBV/m	Grid 2 M4 18.96 dBV/m	Grid 3 M4 17.04 dBV/m
Grid 4 M4 21.49 dBV/m	Grid 5 M4 19.8 dBV/m	Grid 6 M4 19.33 dBV/m
Grid 7 M4 21.84 dBV/m	Grid 8 M4 21.15 dBV/m	Grid 9 M4 21.07 dBV/m



0 dB = 12.36 V/m = 21.84 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 = 16.83 V/m; Power Drift = -0.08 dB

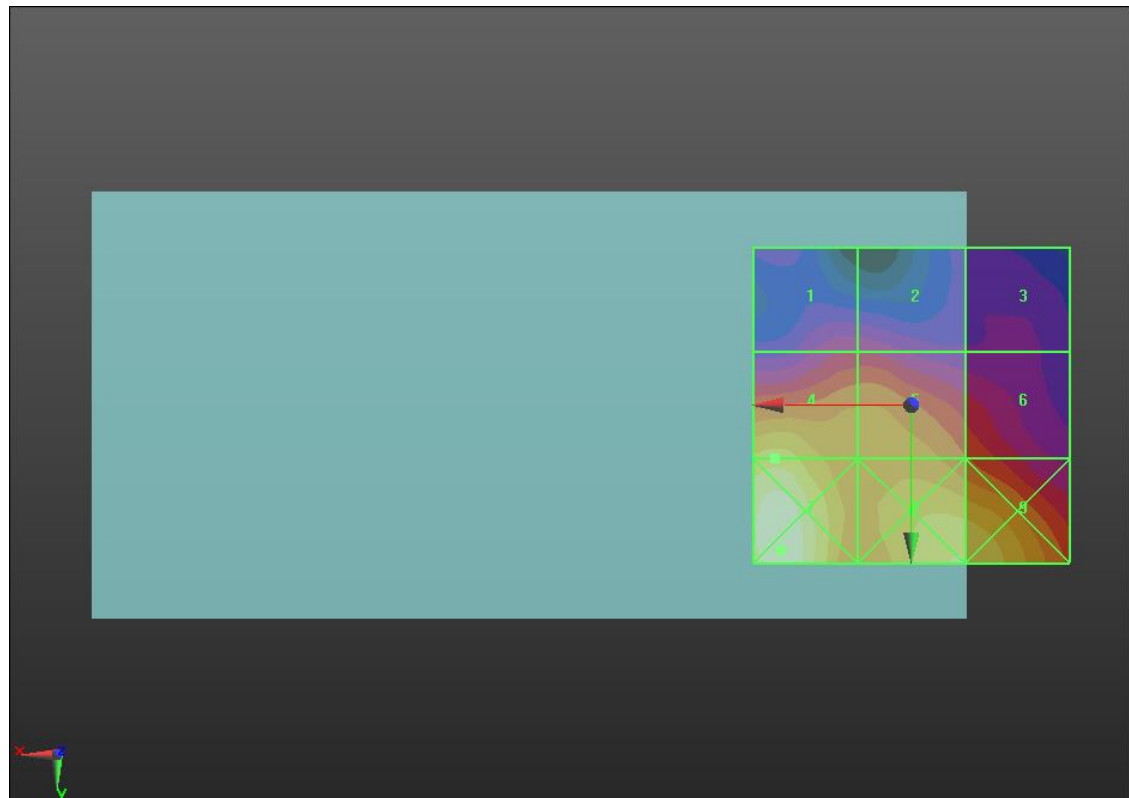
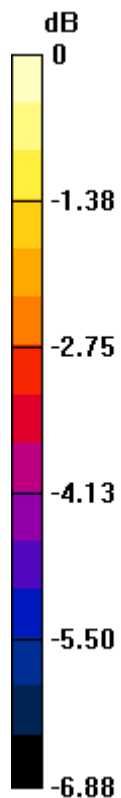
Applied MIF = -3.15 dB

RF audio interference level = 21.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.83 dBV/m	Grid 2 M4 18.83 dBV/m	Grid 3 M4 18.08 dBV/m
Grid 4 M4 21.33 dBV/m	Grid 5 M4 20.44 dBV/m	Grid 6 M4 19.77 dBV/m
Grid 7 M4 22.45 dBV/m	Grid 8 M4 21.56 dBV/m	Grid 9 M4 21.55 dBV/m



0 dB = 13.26 V/m = 22.45 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 = 15.94 V/m; Power Drift = -0.01 dB

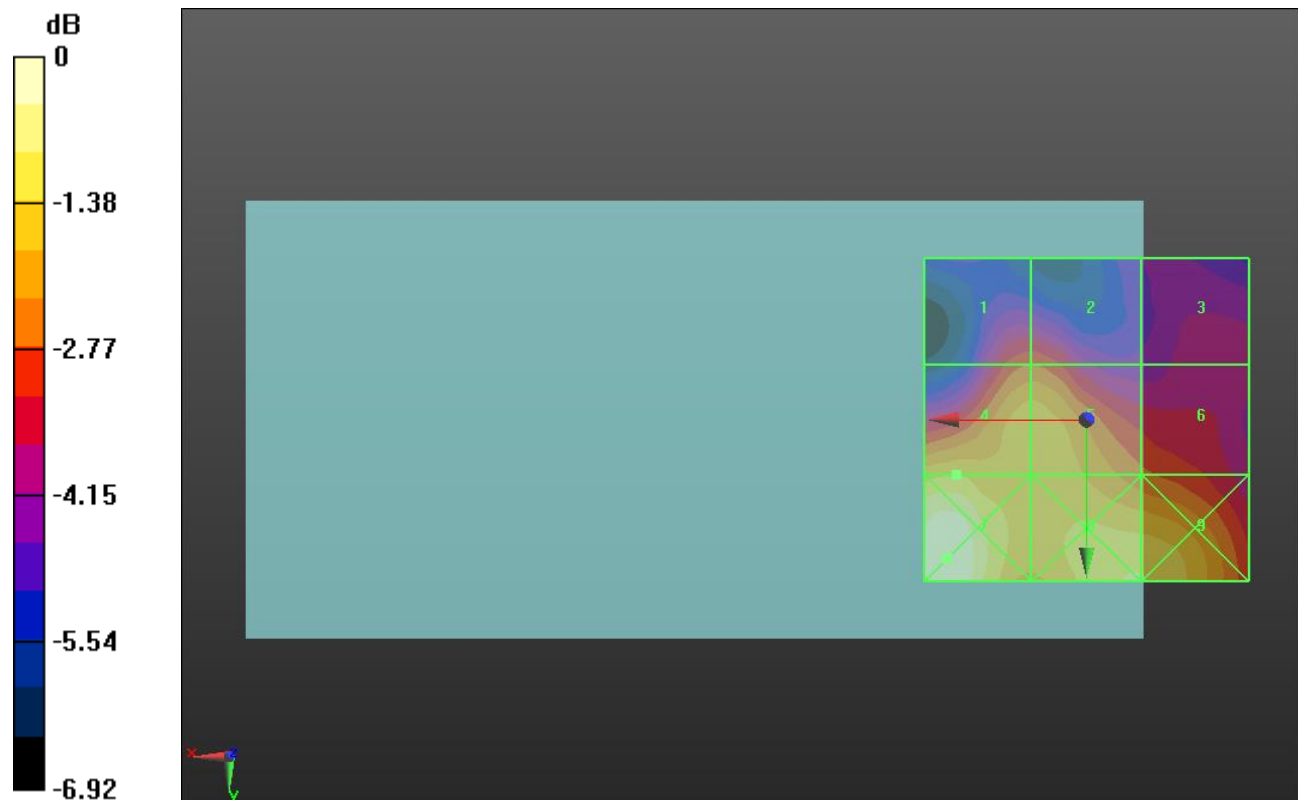
Applied MIF = -3.15 dB

RF audio interference level = 20.31 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.97 dBV/m	Grid 2 M4 18.97 dBV/m	Grid 3 M4 17.9 dBV/m
Grid 4 M4 20.31 dBV/m	Grid 5 M4 20.24 dBV/m	Grid 6 M4 19.1 dBV/m
Grid 7 M4 21.71 dBV/m	Grid 8 M4 20.82 dBV/m	Grid 9 M4 20.81 dBV/m



0 dB = 12.18 V/m = 21.71 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 = 16.14 V/m; Power Drift = 0.02 dB

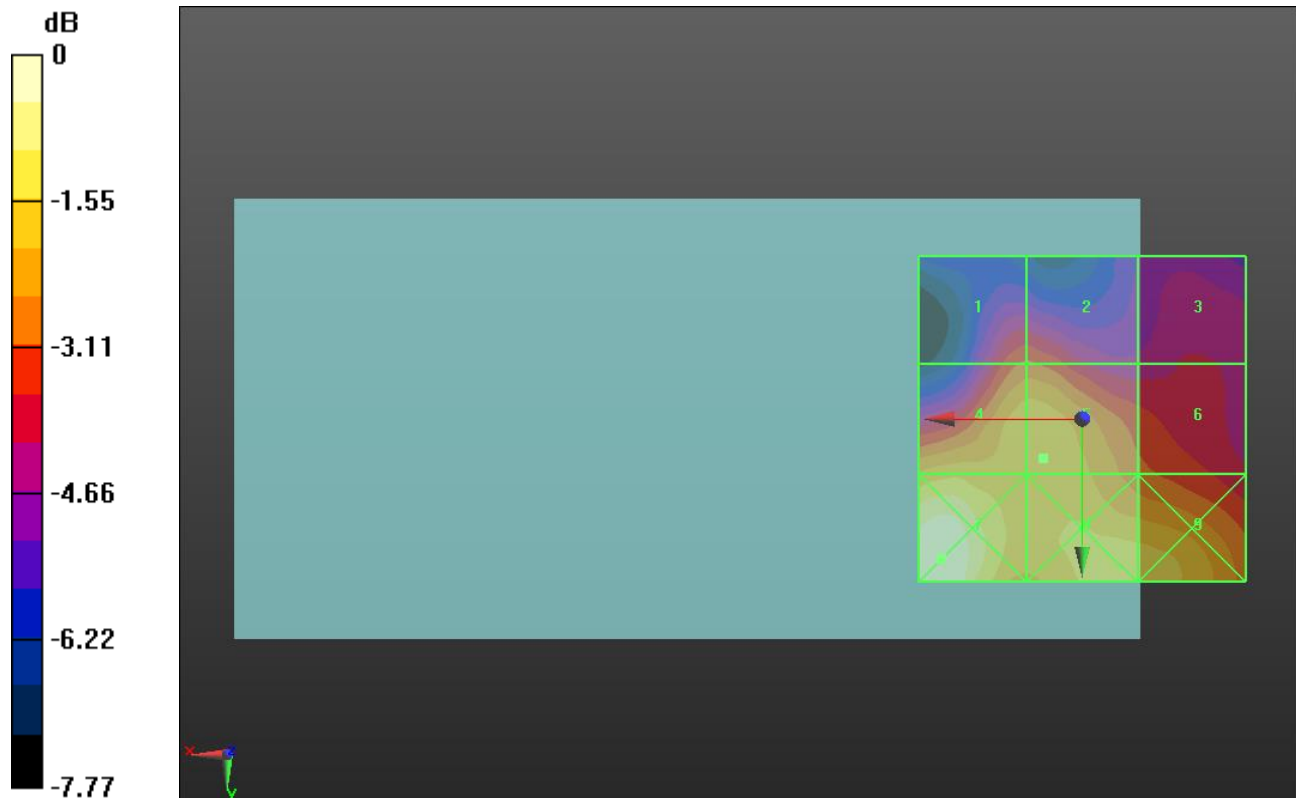
Applied MIF = -3.15 dB

RF audio interference level = 20.12 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.71 dBV/m	Grid 2 M4 18.71 dBV/m	Grid 3 M4 17.63 dBV/m
Grid 4 M4 20.07 dBV/m	Grid 5 M4 20.12 dBV/m	Grid 6 M4 18.85 dBV/m
Grid 7 M4 21.71 dBV/m	Grid 8 M4 20.48 dBV/m	Grid 9 M4 20.47 dBV/m



0 dB = 12.18 V/m = 21.71 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 = 16.52 V/m; Power Drift = 0.02 dB

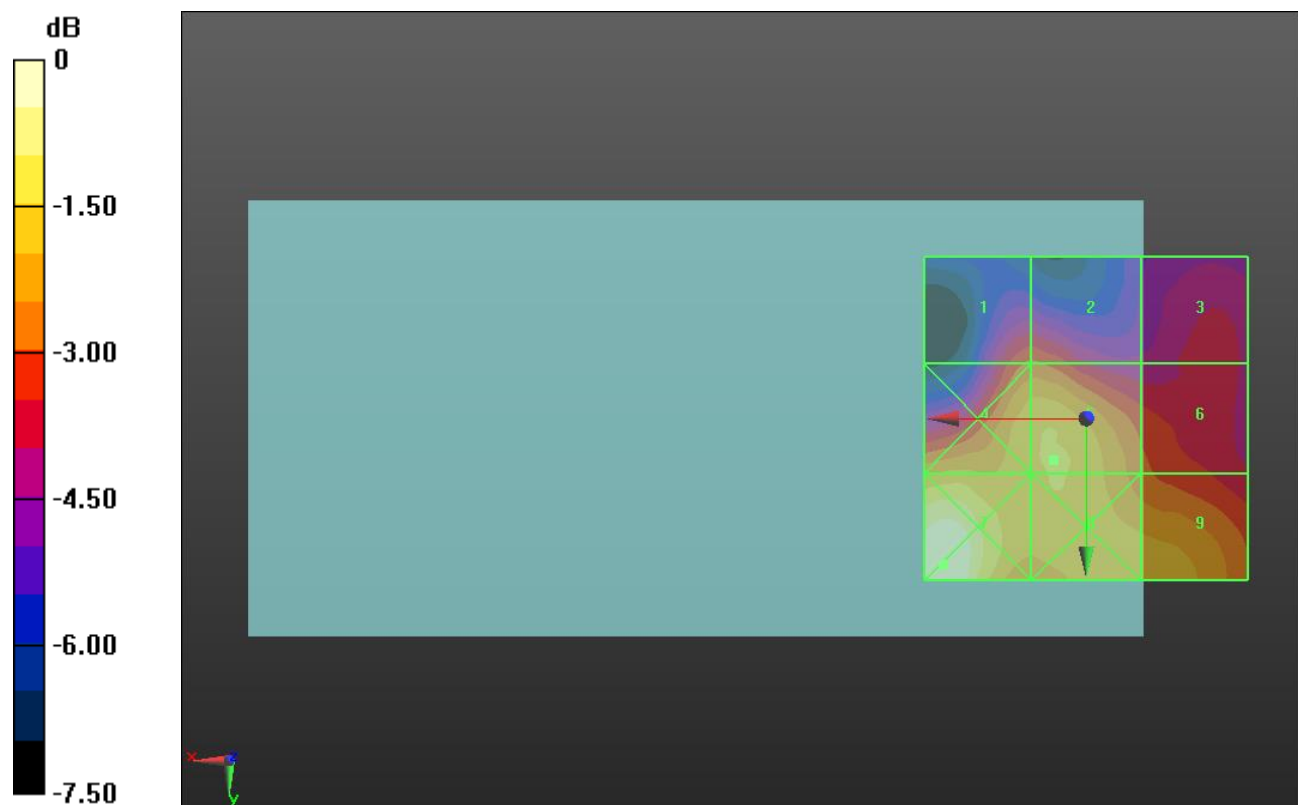
Applied MIF = -3.15 dB

RF audio interference level = 20.23 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 18.8 dBV/m	Grid 2 M4 18.8 dBV/m	Grid 3 M4 17.84 dBV/m
Grid 4 M4 20.11 dBV/m	Grid 5 M4 20.23 dBV/m	Grid 6 M4 18.87 dBV/m
Grid 7 M4 21.67 dBV/m	Grid 8 M4 20.19 dBV/m	Grid 9 M4 20.07 dBV/m



0 dB = 12.12 V/m = 21.67 dBV/m