

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 67.72 V/m; Power Drift = -0.07 dB

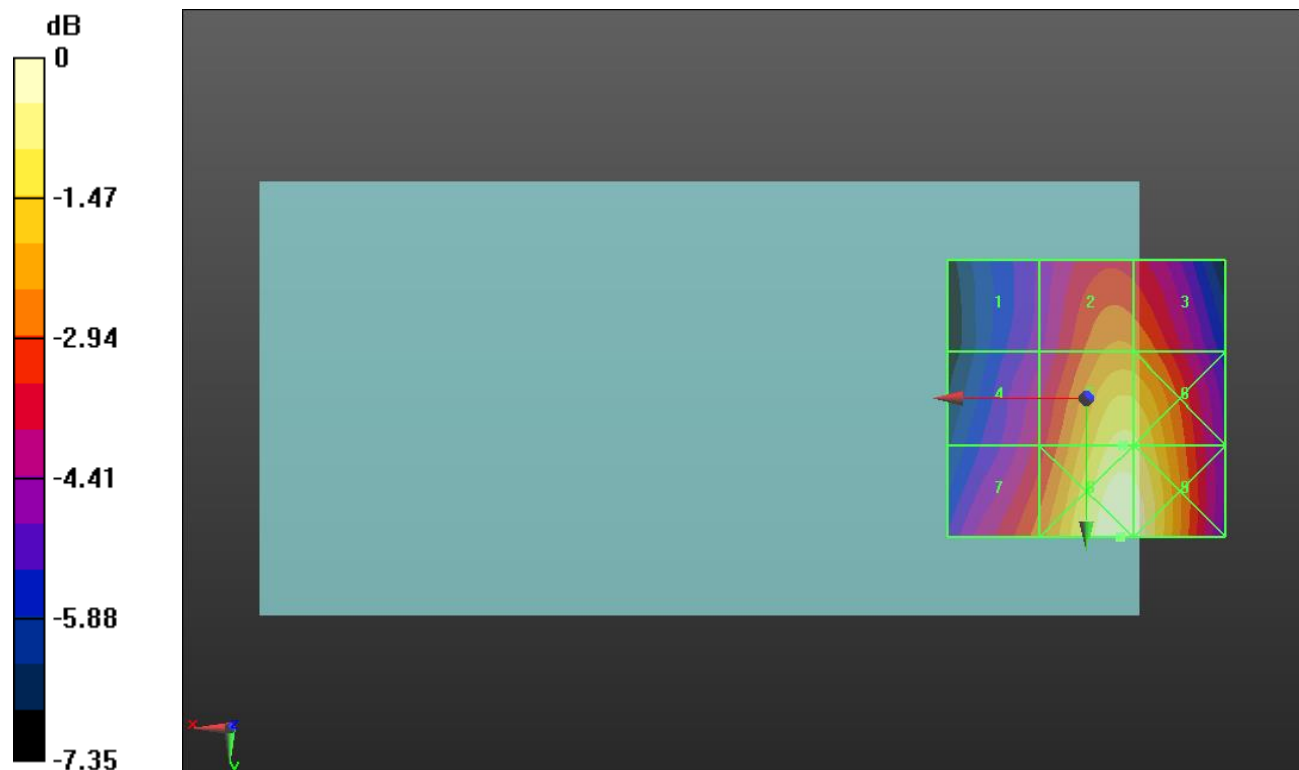
Applied MIF = 3.63 dB

RF audio interference level = 38.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.86 dBV/m	Grid 2 M4 37.09 dBV/m	Grid 3 M4 37 dBV/m
Grid 4 M4 35.7 dBV/m	Grid 5 M4 38.57 dBV/m	Grid 6 M4 38.5 dBV/m
Grid 7 M4 36.72 dBV/m	Grid 8 M4 39.37 dBV/m	Grid 9 M4 39.24 dBV/m



0 dB = 92.96 V/m = 39.37 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 64.72 V/m; Power Drift = 0.03 dB

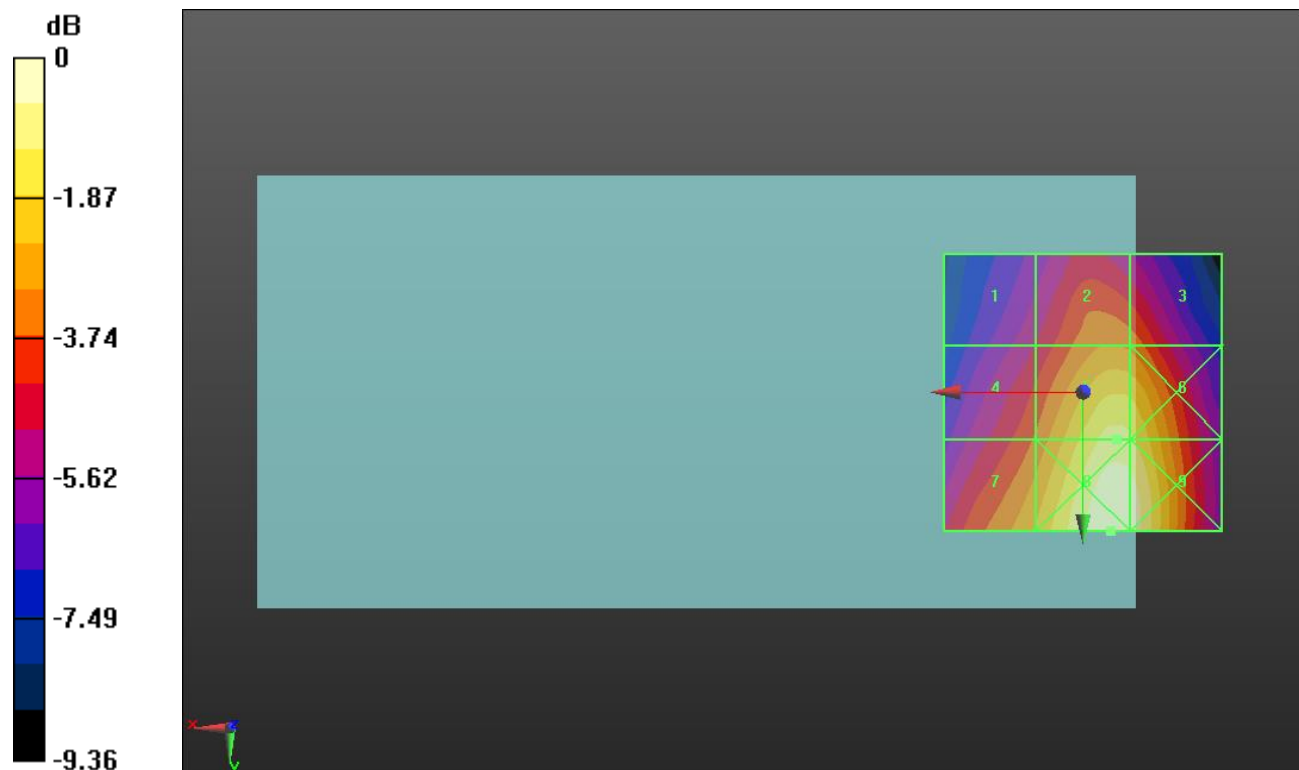
Applied MIF = 3.63 dB

RF audio interference level = 38.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.28 dBV/m	Grid 2 M4 36.13 dBV/m	Grid 3 M4 35.92 dBV/m
Grid 4 M4 35.6 dBV/m	Grid 5 M4 38.21 dBV/m	Grid 6 M4 38.06 dBV/m
Grid 7 M4 36.81 dBV/m	Grid 8 M4 39.21 dBV/m	Grid 9 M4 38.99 dBV/m



0 dB = 91.29 V/m = 39.21 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 63.69 V/m; Power Drift = -0.21 dB

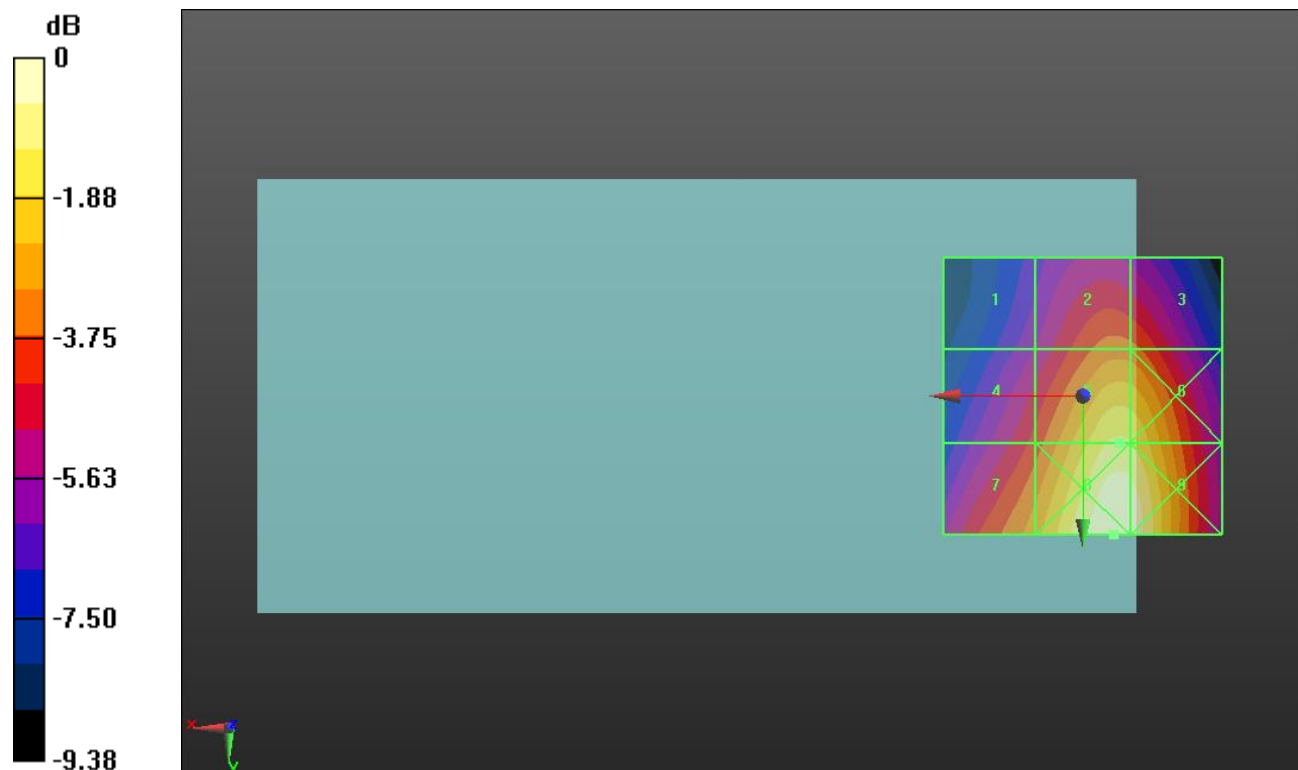
Applied MIF = 3.63 dB

RF audio interference level = 38.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.86 dBV/m	Grid 2 M4 36.01 dBV/m	Grid 3 M4 35.9 dBV/m
Grid 4 M4 35.37 dBV/m	Grid 5 M4 38.3 dBV/m	Grid 6 M4 38.2 dBV/m
Grid 7 M4 36.73 dBV/m	Grid 8 M4 39.41 dBV/m	Grid 9 M4 39.26 dBV/m



0 dB = 93.43 V/m = 39.41 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 57.38 V/m; Power Drift = -0.06 dB

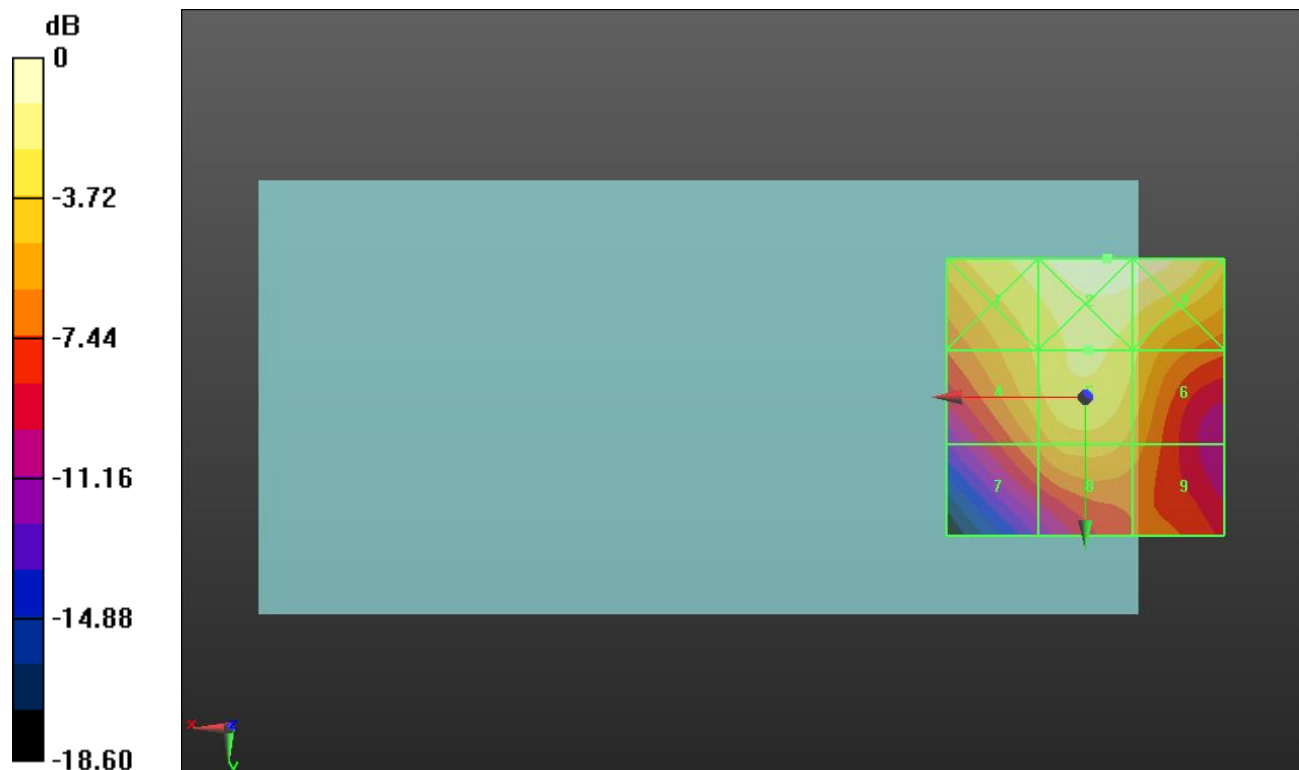
Applied MIF = 3.63 dB

RF audio interference level = 34.18 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.97 dBV/m	Grid 2 M2 36.48 dBV/m	Grid 3 M2 36.25 dBV/m
Grid 4 M3 33.05 dBV/m	Grid 5 M3 34.18 dBV/m	Grid 6 M3 33.11 dBV/m
Grid 7 M3 30.59 dBV/m	Grid 8 M3 32.14 dBV/m	Grid 9 M3 30.98 dBV/m



0 dB = 66.65 V/m = 36.48 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 50.92 V/m; Power Drift = -0.06 dB

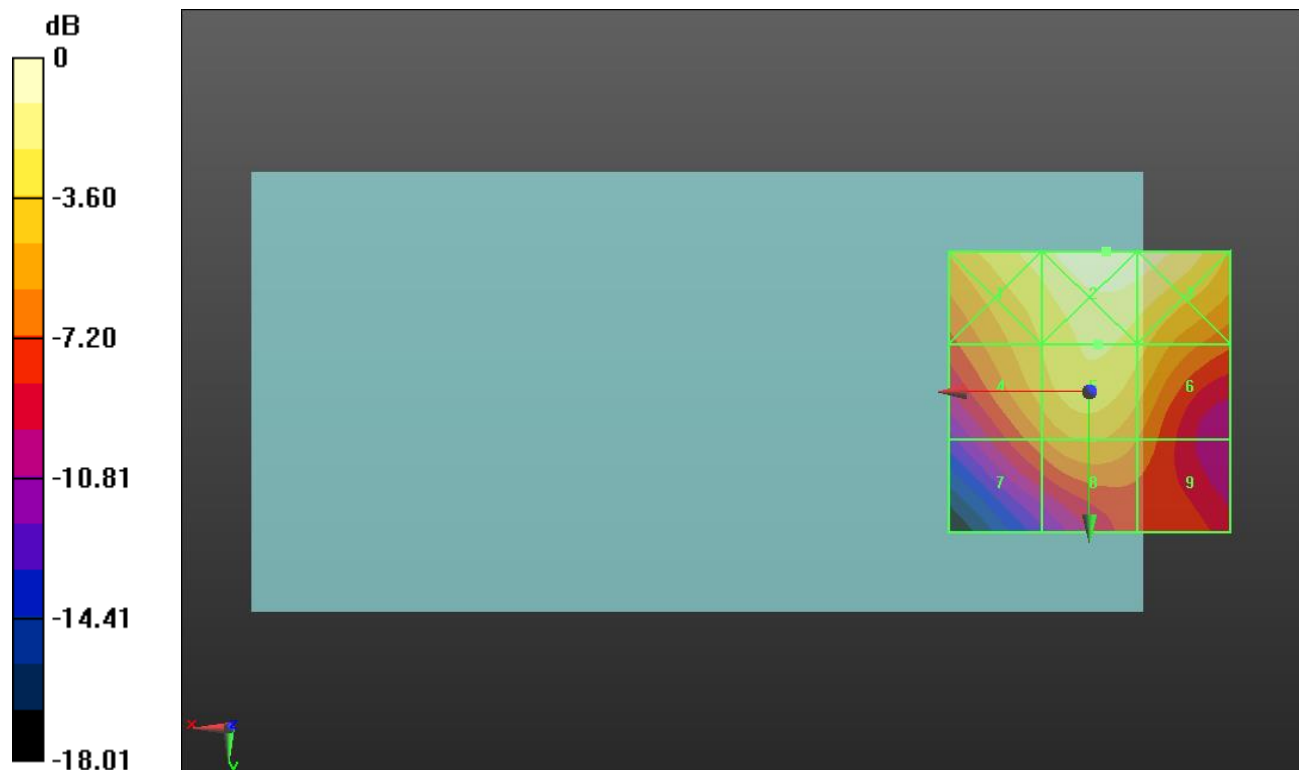
Applied MIF = 3.63 dB

RF audio interference level = 33.95 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 34.58 dBV/m	Grid 2 M2 36.18 dBV/m	Grid 3 M2 35.87 dBV/m
Grid 4 M3 32.64 dBV/m	Grid 5 M3 33.95 dBV/m	Grid 6 M3 33.08 dBV/m
Grid 7 M4 29.95 dBV/m	Grid 8 M3 31.5 dBV/m	Grid 9 M3 30.15 dBV/m



0 dB = 64.45 V/m = 36.18 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 41.81 V/m; Power Drift = 0.07 dB

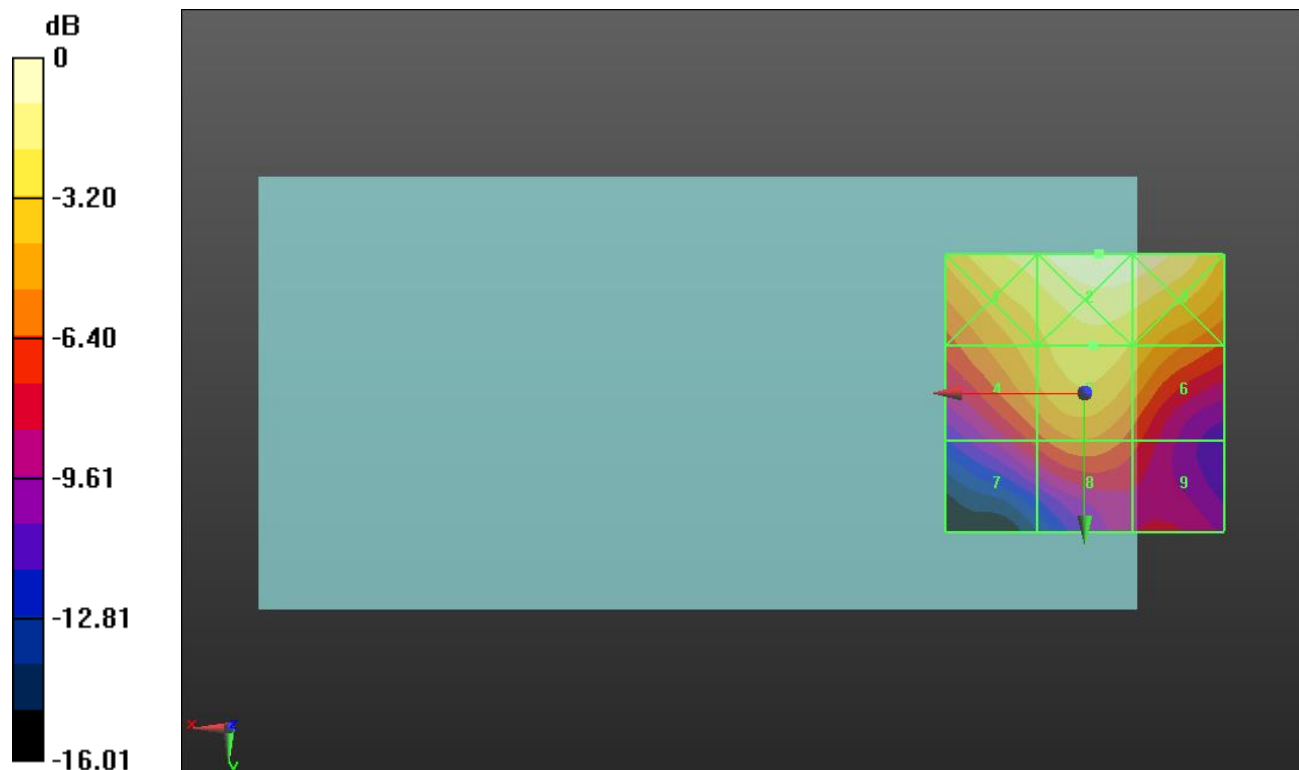
Applied MIF = 3.63 dB

RF audio interference level = 32.61 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 33.82 dBV/m	Grid 2 M2 35.15 dBV/m	Grid 3 M3 34.92 dBV/m
Grid 4 M3 31.58 dBV/m	Grid 5 M3 32.61 dBV/m	Grid 6 M3 31.85 dBV/m
Grid 7 M4 28.23 dBV/m	Grid 8 M4 29.76 dBV/m	Grid 9 M4 28.22 dBV/m



0 dB = 57.18 V/m = 35.14 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 31.04 V/m; Power Drift = 0.06 dB

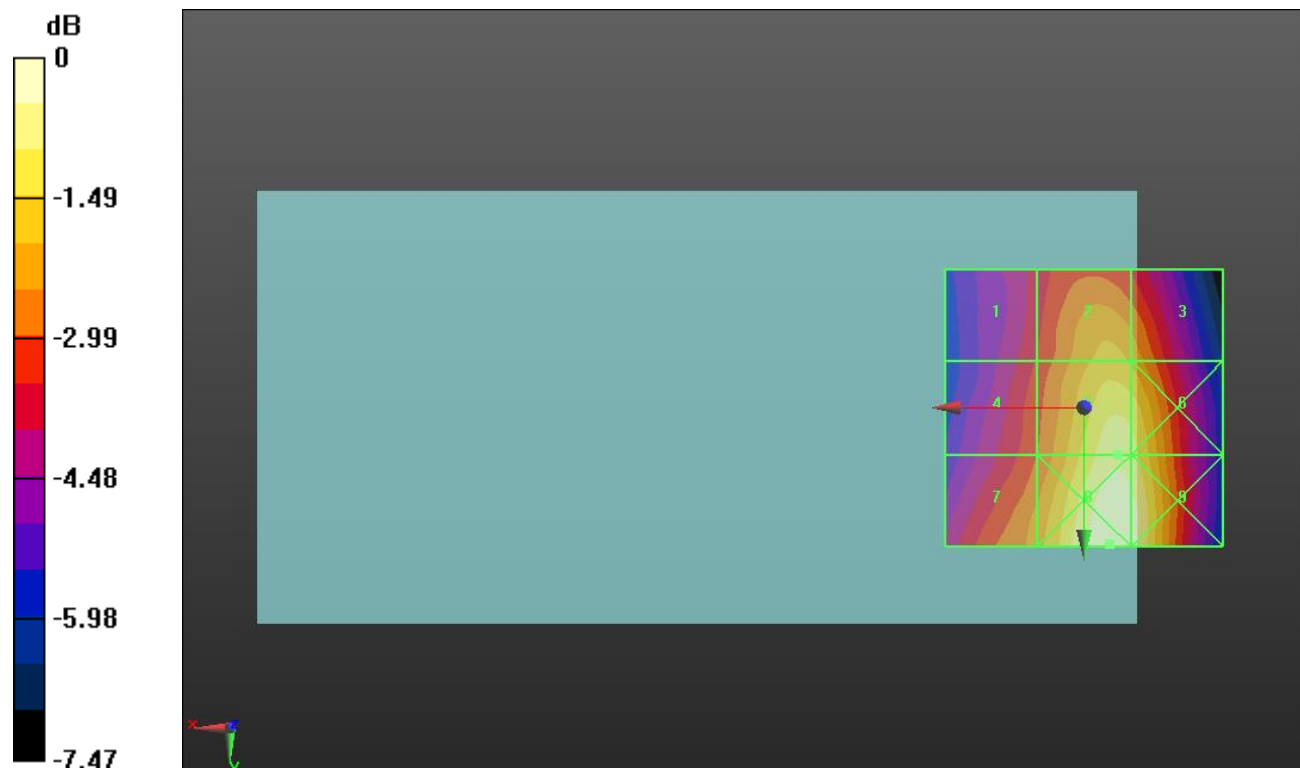
Applied MIF = 3.26 dB

RF audio interference level = 30.97 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.17 dBV/m	Grid 2 M4 29.85 dBV/m	Grid 3 M4 29.51 dBV/m
Grid 4 M4 28.62 dBV/m	Grid 5 M4 30.97 dBV/m	Grid 6 M4 30.81 dBV/m
Grid 7 M4 29.38 dBV/m	Grid 8 M4 31.59 dBV/m	Grid 9 M4 31.37 dBV/m



0 dB = 37.97 V/m = 31.59 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 31.59 V/m; Power Drift = -0.07 dB

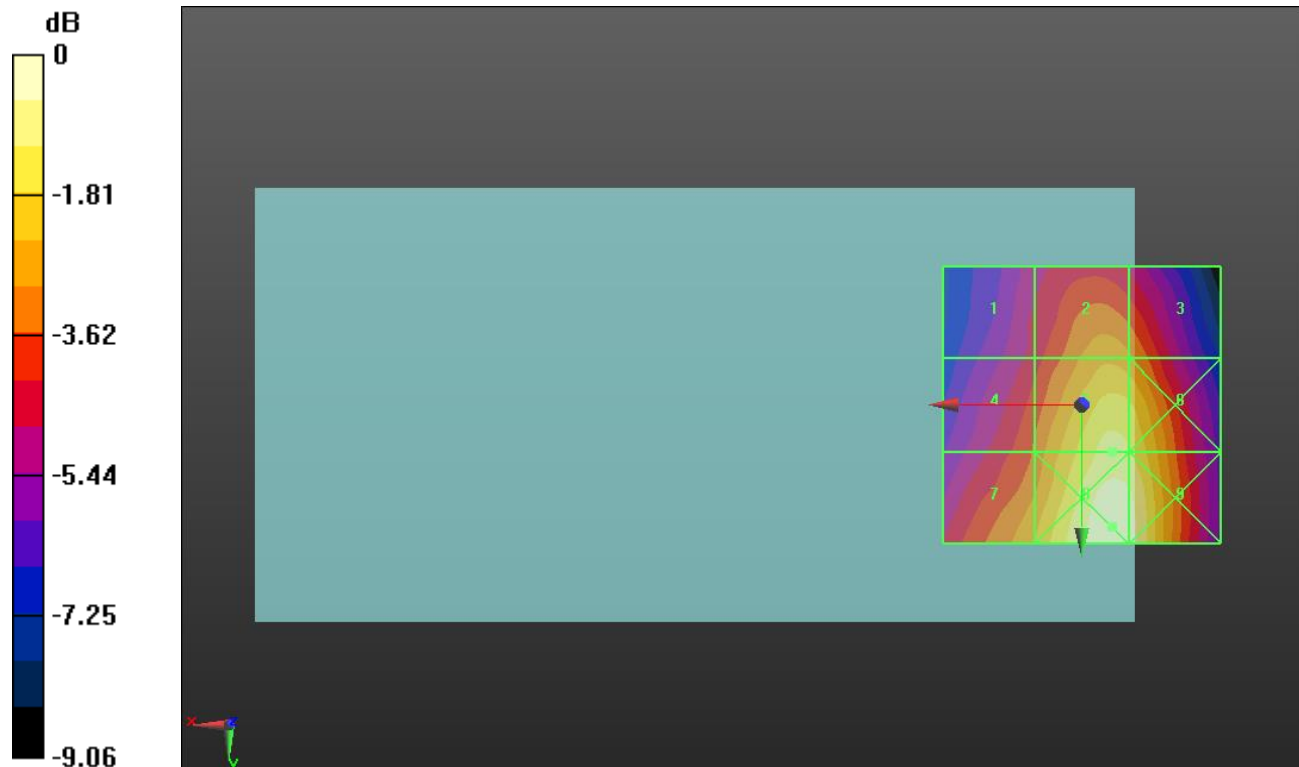
Applied MIF = 3.26 dB

RF audio interference level = 31.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.7 dBV/m	Grid 2 M4 29.68 dBV/m	Grid 3 M4 29.34 dBV/m
Grid 4 M4 28.7 dBV/m	Grid 5 M4 31.25 dBV/m	Grid 6 M4 31.07 dBV/m
Grid 7 M4 29.83 dBV/m	Grid 8 M4 32.2 dBV/m	Grid 9 M4 31.92 dBV/m



0 dB = 40.75 V/m = 32.20 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 30.64 V/m; Power Drift = 0.04 dB

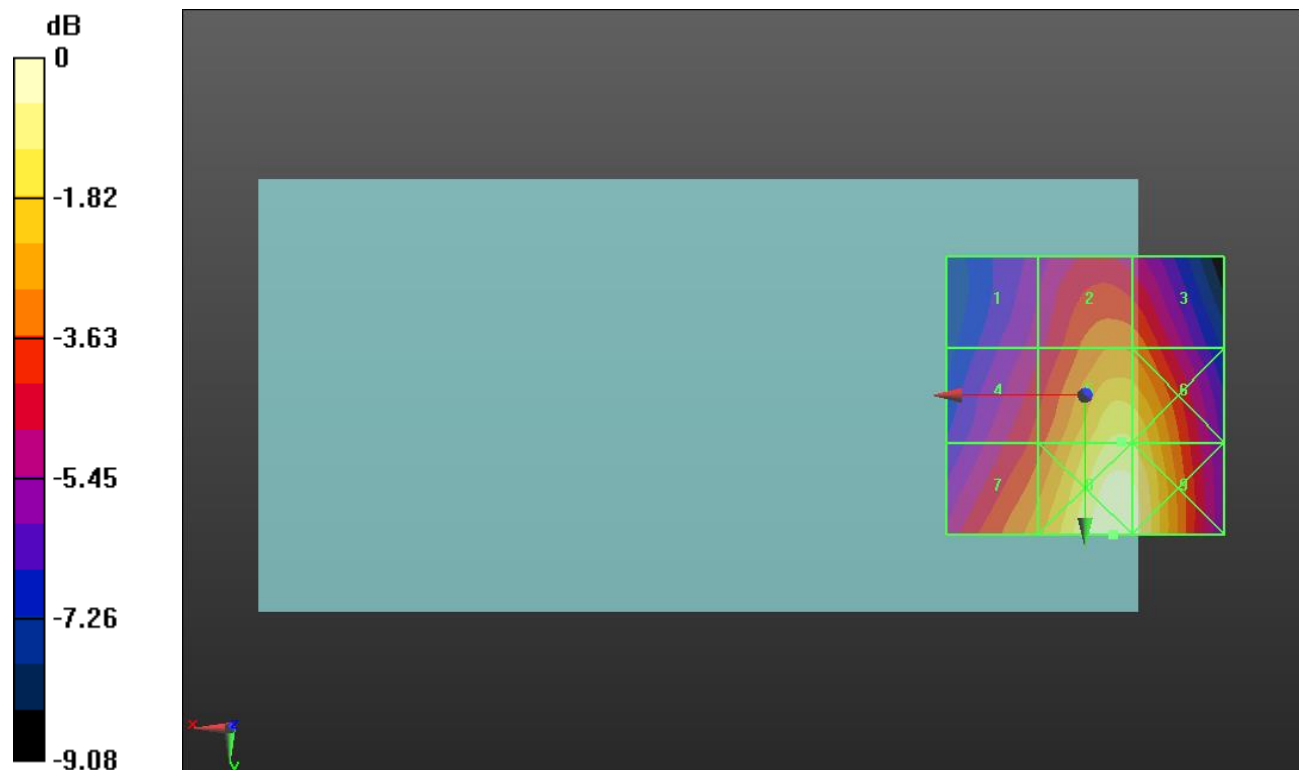
Applied MIF = 3.26 dB

RF audio interference level = 31.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.44 dBV/m	Grid 2 M4 29.48 dBV/m	Grid 3 M4 29.32 dBV/m
Grid 4 M4 28.56 dBV/m	Grid 5 M4 31.39 dBV/m	Grid 6 M4 31.27 dBV/m
Grid 7 M4 29.87 dBV/m	Grid 8 M4 32.46 dBV/m	Grid 9 M4 32.23 dBV/m



0 dB = 41.96 V/m = 32.46 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC1 E-Field measurement/RC1_SO3_ch 25/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 20.78 V/m; Power Drift = 0.03 dB

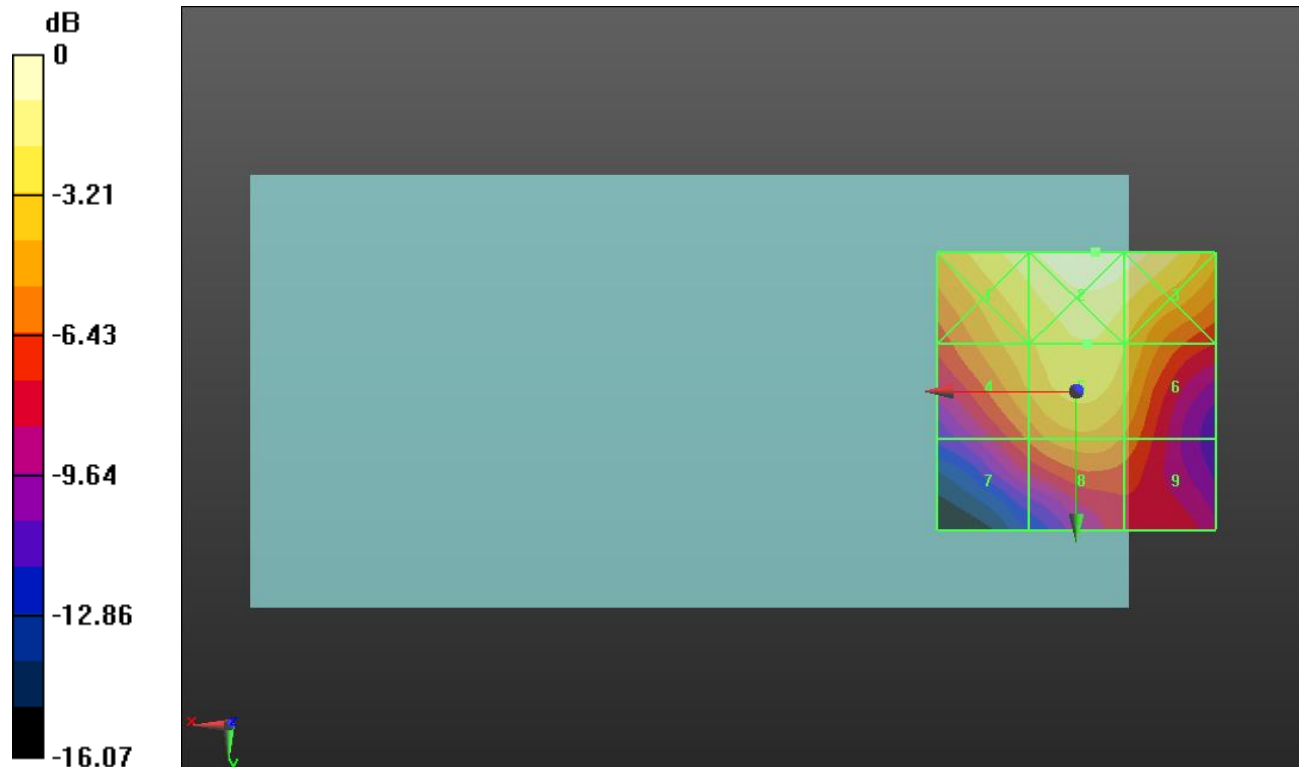
Applied MIF = 3.26 dB

RF audio interference level = 26.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.86 dBV/m	Grid 2 M4 28.22 dBV/m	Grid 3 M4 27.82 dBV/m
Grid 4 M4 24.85 dBV/m	Grid 5 M4 26.05 dBV/m	Grid 6 M4 25.1 dBV/m
Grid 7 M4 22.01 dBV/m	Grid 8 M4 23.63 dBV/m	Grid 9 M4 22.71 dBV/m



0 dB = 25.76 V/m = 28.22 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 20.06 V/m; Power Drift = 0.00 dB

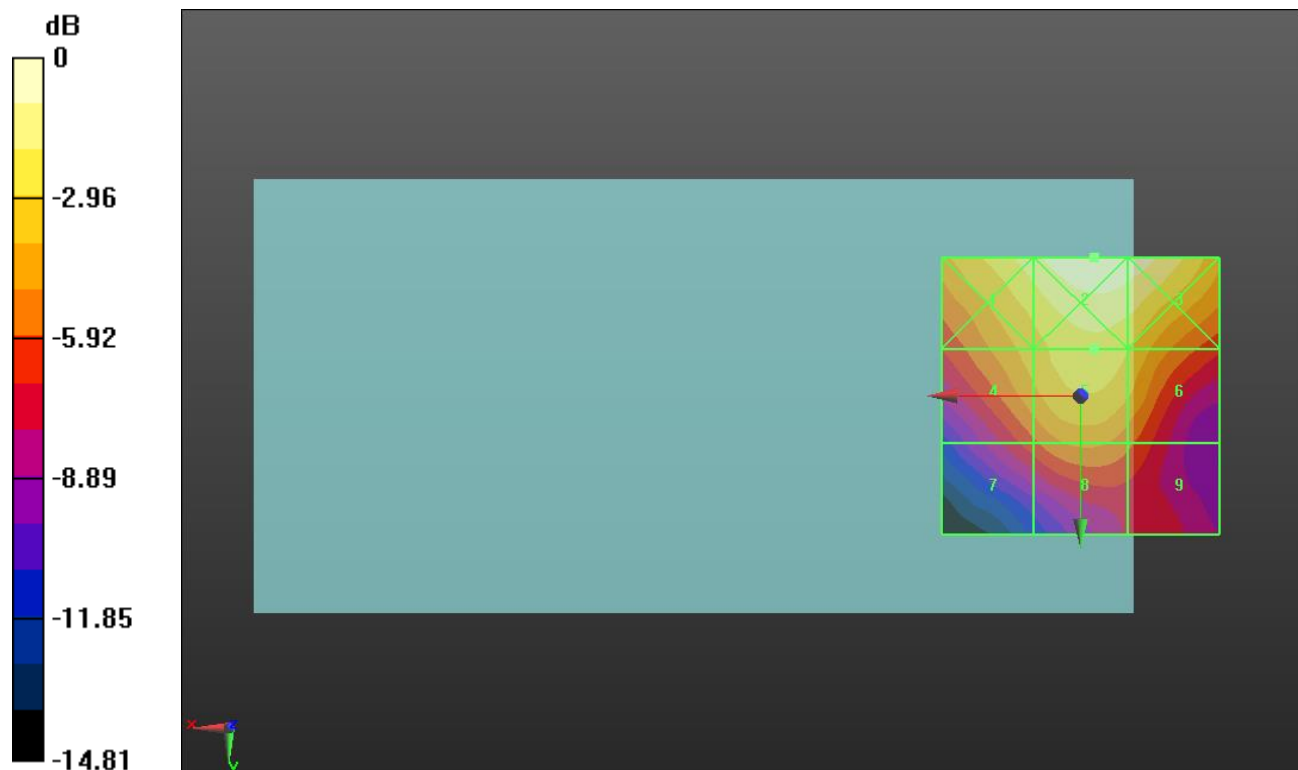
Applied MIF = 3.26 dB

RF audio interference level = 26.16 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.1 dBV/m	Grid 2 M4 28.4 dBV/m	Grid 3 M4 28.19 dBV/m
Grid 4 M4 25.03 dBV/m	Grid 5 M4 26.16 dBV/m	Grid 6 M4 25.5 dBV/m
Grid 7 M4 22.21 dBV/m	Grid 8 M4 23.71 dBV/m	Grid 9 M4 22.78 dBV/m



0 dB = 26.31 V/m = 28.40 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 18.68 V/m; Power Drift = 0.02 dB

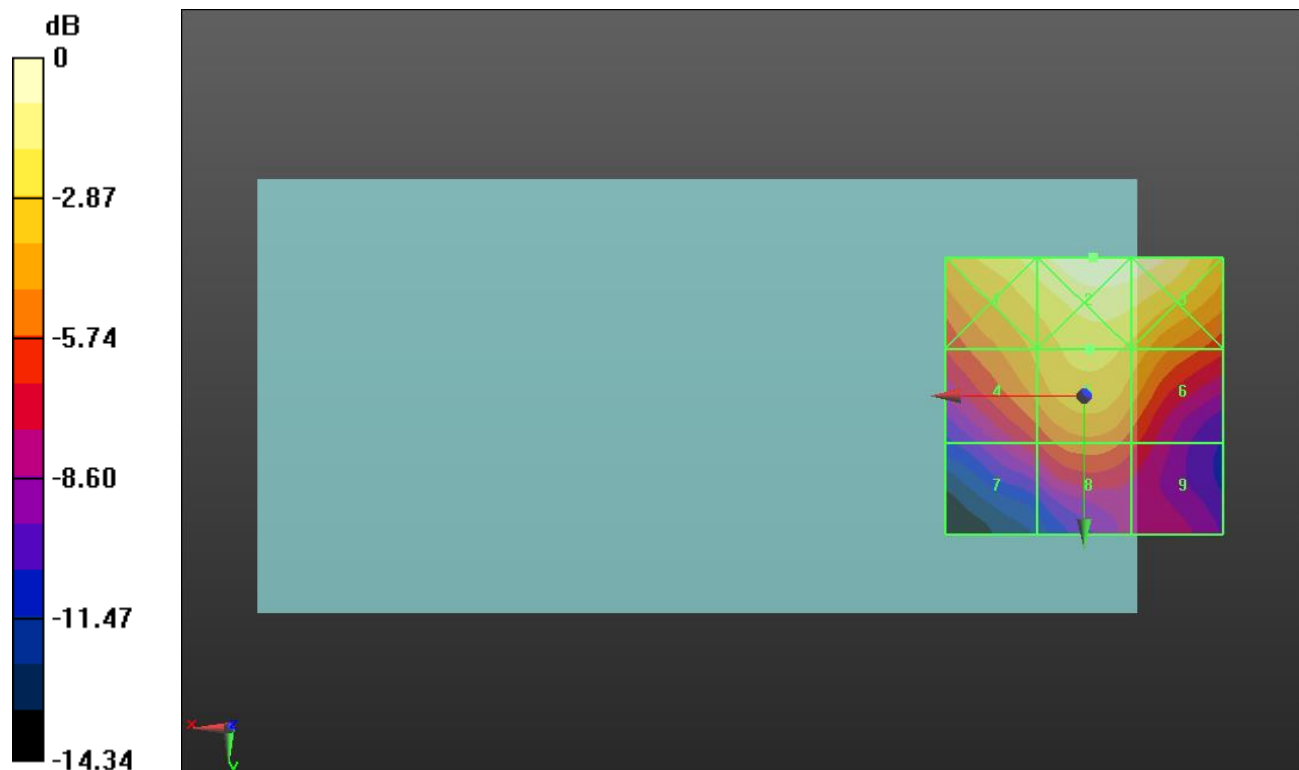
Applied MIF = 3.26 dB

RF audio interference level = 25.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.8 dBV/m	Grid 2 M4 28.17 dBV/m	Grid 3 M4 27.91 dBV/m
Grid 4 M4 24.63 dBV/m	Grid 5 M4 25.72 dBV/m	Grid 6 M4 25.04 dBV/m
Grid 7 M4 21.46 dBV/m	Grid 8 M4 23.08 dBV/m	Grid 9 M4 21.84 dBV/m



0 dB = 25.63 V/m = 28.17 dBV/m

HAC-RF Emission

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC10 E-Field measurement/RC1_SO3_ch 476/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.22 V/m; Power Drift = -0.03 dB

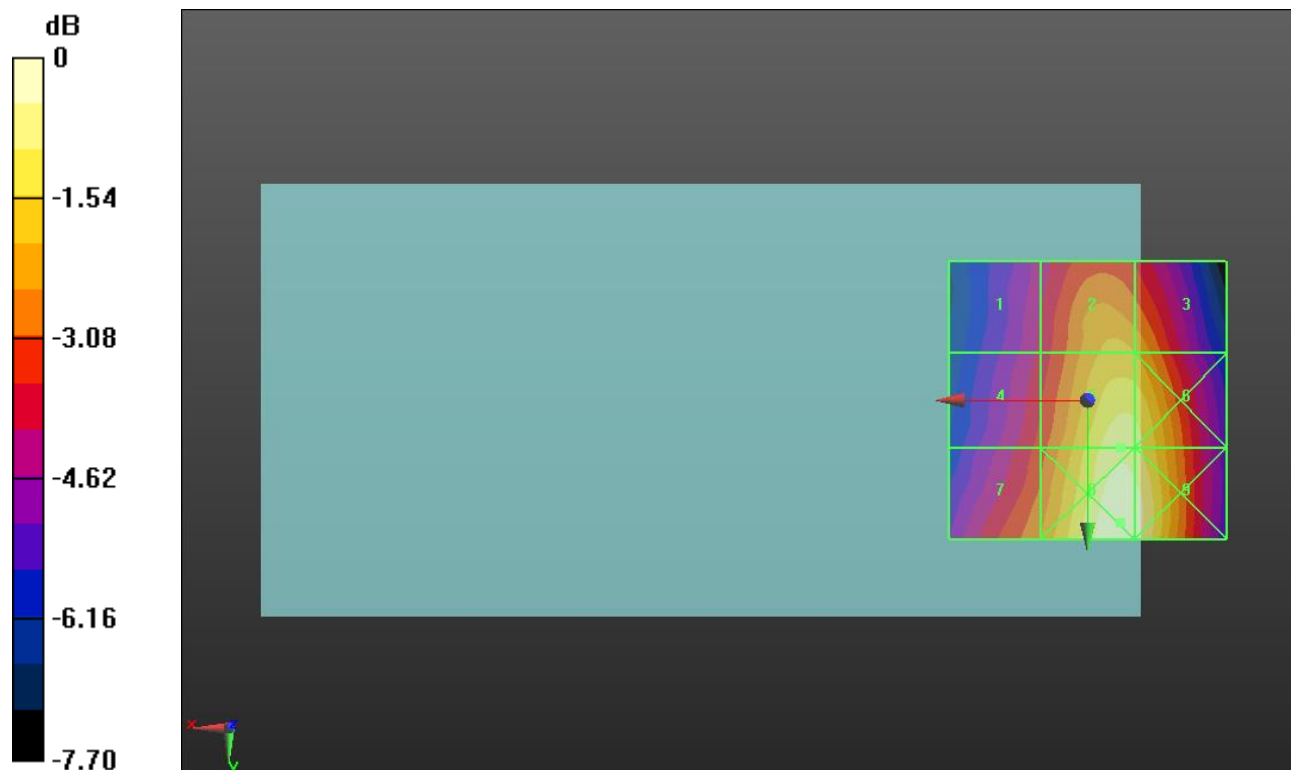
Applied MIF = 3.26 dB

RF audio interference level = 30.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.27 dBV/m	Grid 2 M4 29.41 dBV/m	Grid 3 M4 29.2 dBV/m
Grid 4 M4 27.91 dBV/m	Grid 5 M4 30.58 dBV/m	Grid 6 M4 30.42 dBV/m
Grid 7 M4 28.7 dBV/m	Grid 8 M4 31.24 dBV/m	Grid 9 M4 31.04 dBV/m



0 dB = 36.46 V/m = 31.24 dBV/m

HAC-RF Emission

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC10 E-Field measurement/RC1_SO3_ch 580/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.19 V/m; Power Drift = 0.02 dB

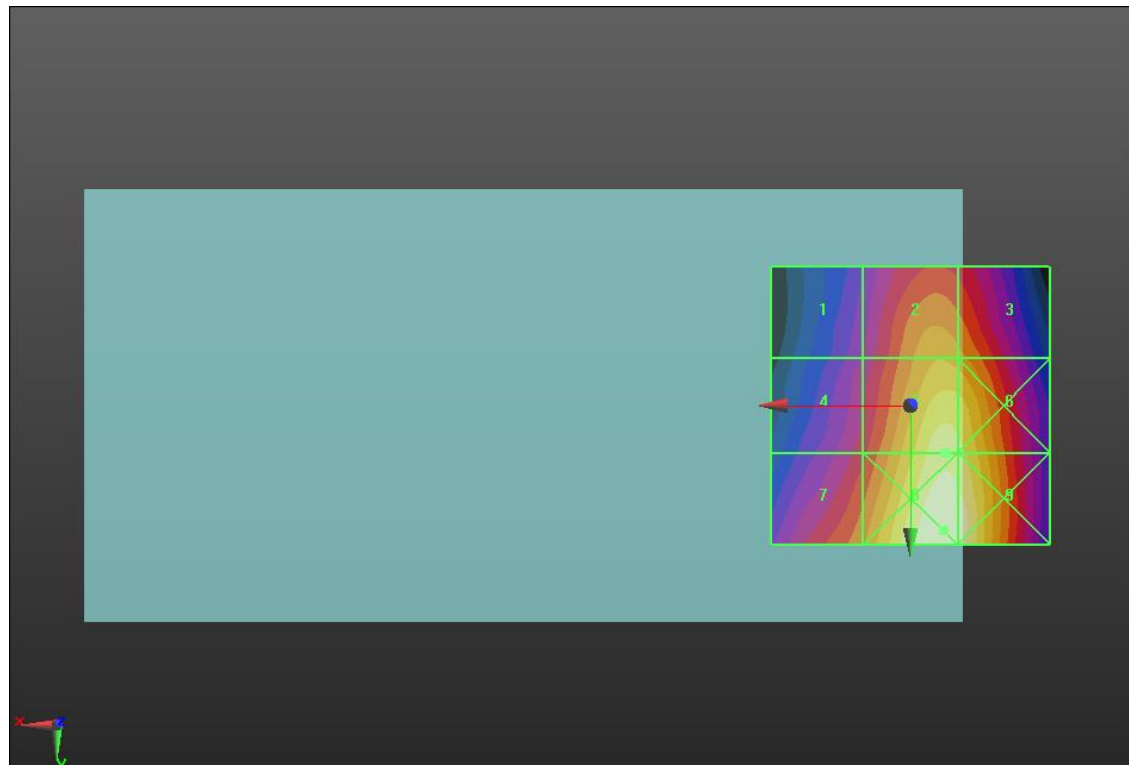
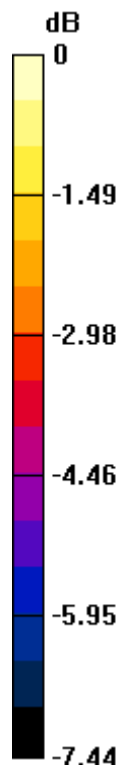
Applied MIF = 3.26 dB

RF audio interference level = 30.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.08 dBV/m	Grid 2 M4 29.46 dBV/m	Grid 3 M4 29.23 dBV/m
Grid 4 M4 27.87 dBV/m	Grid 5 M4 30.78 dBV/m	Grid 6 M4 30.66 dBV/m
Grid 7 M4 28.95 dBV/m	Grid 8 M4 31.45 dBV/m	Grid 9 M4 31.29 dBV/m



0 dB = 37.36 V/m = 31.45 dBV/m

HAC-RF Emission

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC10 E-Field measurement/RC1_SO3_ch 684/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.86 V/m; Power Drift = 0.10 dB

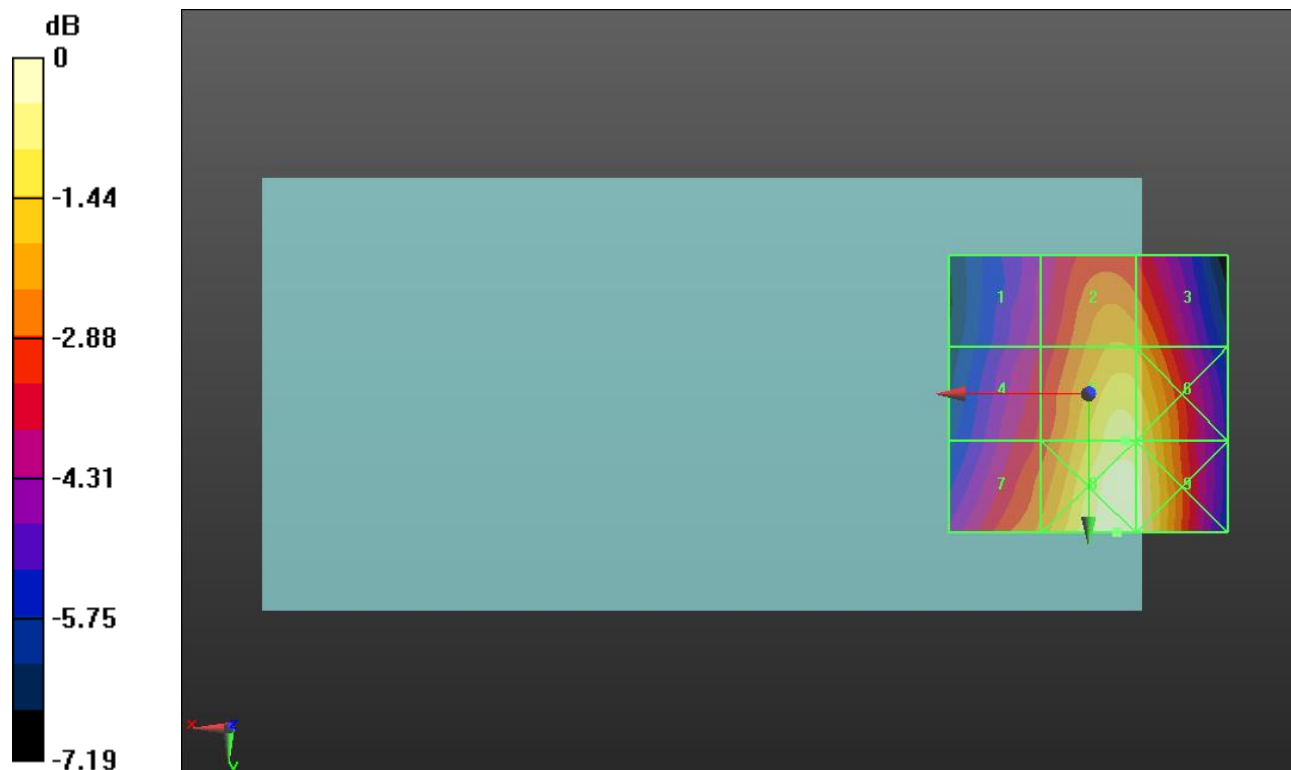
Applied MIF = 3.26 dB

RF audio interference level = 29.93 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.8 dBV/m	Grid 2 M4 28.78 dBV/m	Grid 3 M4 28.61 dBV/m
Grid 4 M4 27.47 dBV/m	Grid 5 M4 29.93 dBV/m	Grid 6 M4 29.85 dBV/m
Grid 7 M4 28.43 dBV/m	Grid 8 M4 30.61 dBV/m	Grid 9 M4 30.43 dBV/m



0 dB = 33.91 V/m = 30.61 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- 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)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.08 V/m; Power Drift = -0.00 dB

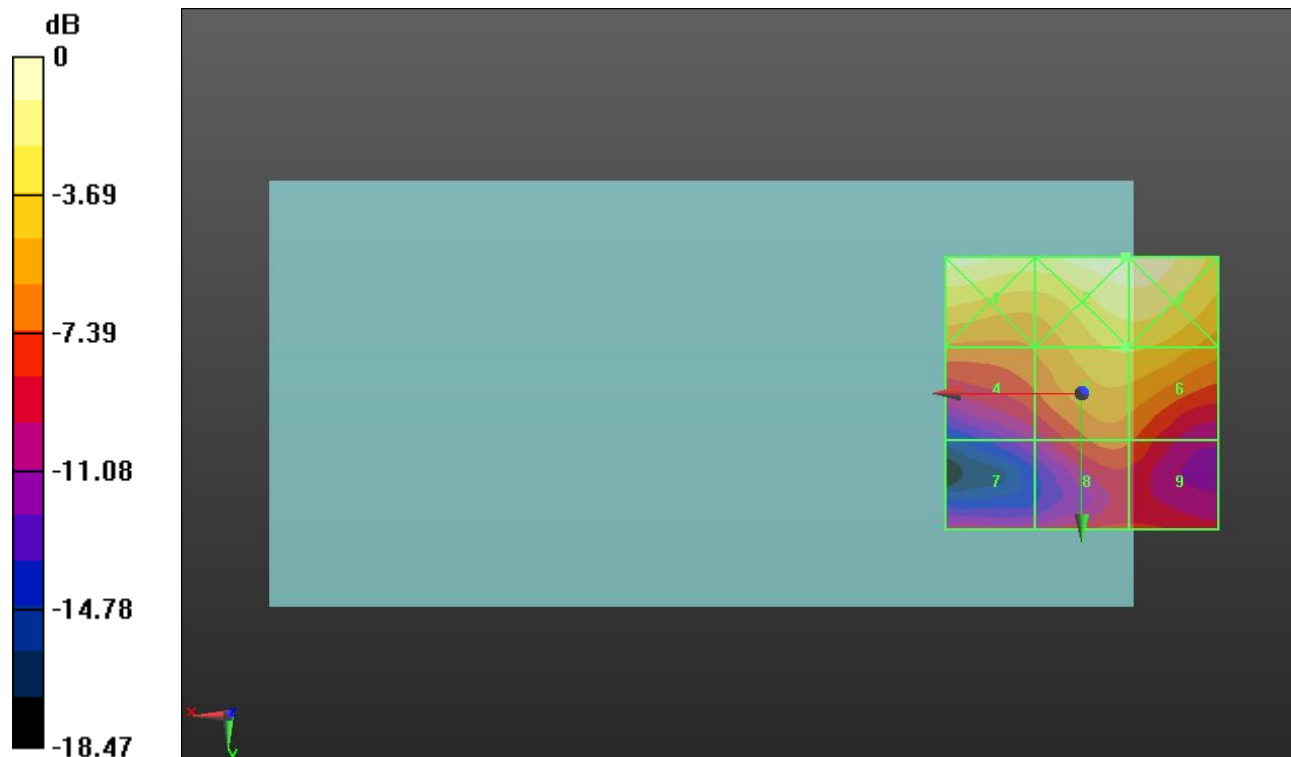
Applied MIF = 0.12 dB

RF audio interference level = 25.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.55 dBV/m	Grid 2 M4 29.2 dBV/m	Grid 3 M4 29.19 dBV/m
Grid 4 M4 23.22 dBV/m	Grid 5 M4 25.74 dBV/m	Grid 6 M4 25.73 dBV/m
Grid 7 M4 19.65 dBV/m	Grid 8 M4 22.34 dBV/m	Grid 9 M4 22.02 dBV/m



0 dB = 28.83 V/m = 29.20 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- 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)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps_ch 6/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 18.14 V/m; Power Drift = 0.13 dB

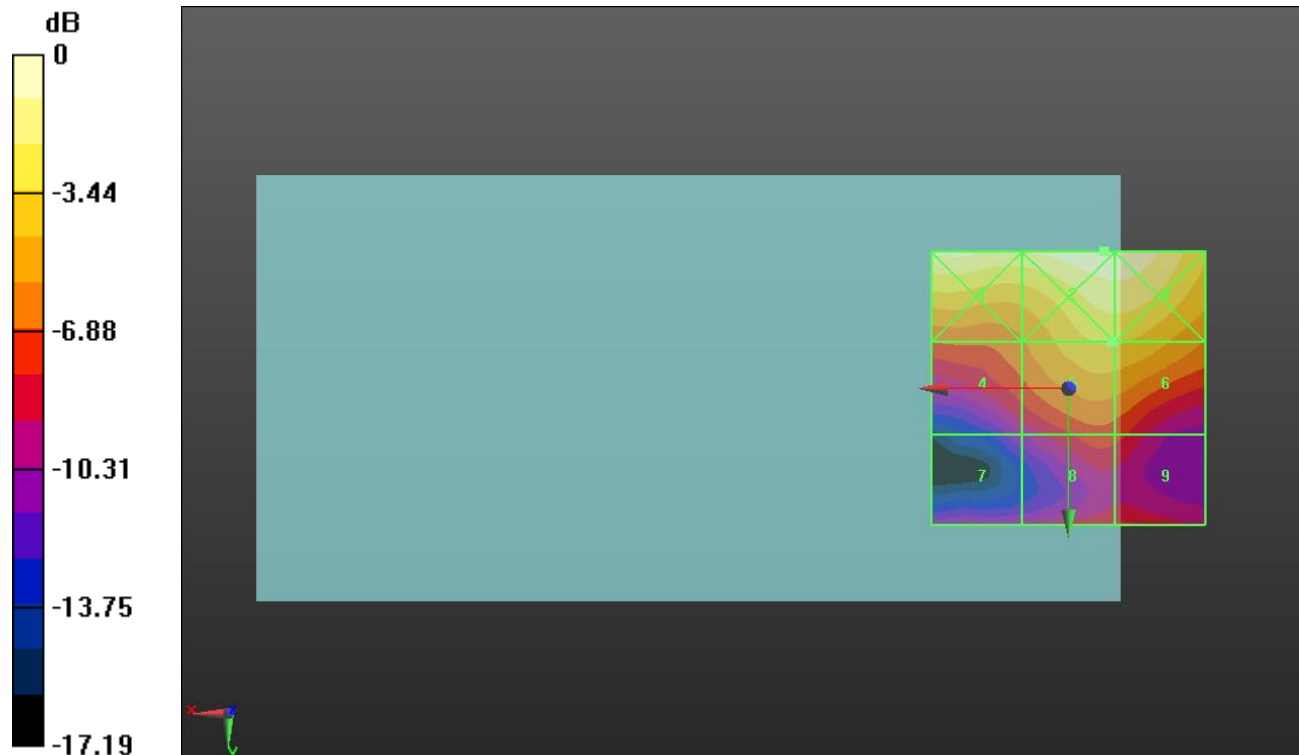
Applied MIF = 0.12 dB

RF audio interference level = 24.82 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.32 dBV/m	Grid 2 M4 28.13 dBV/m	Grid 3 M4 28.09 dBV/m
Grid 4 M4 22.29 dBV/m	Grid 5 M4 24.82 dBV/m	Grid 6 M4 24.82 dBV/m
Grid 7 M4 18.6 dBV/m	Grid 8 M4 20.84 dBV/m	Grid 9 M4 20.56 dBV/m



0 dB = 25.51 V/m = 28.13 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- 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)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 19.02 V/m; Power Drift = 0.04 dB

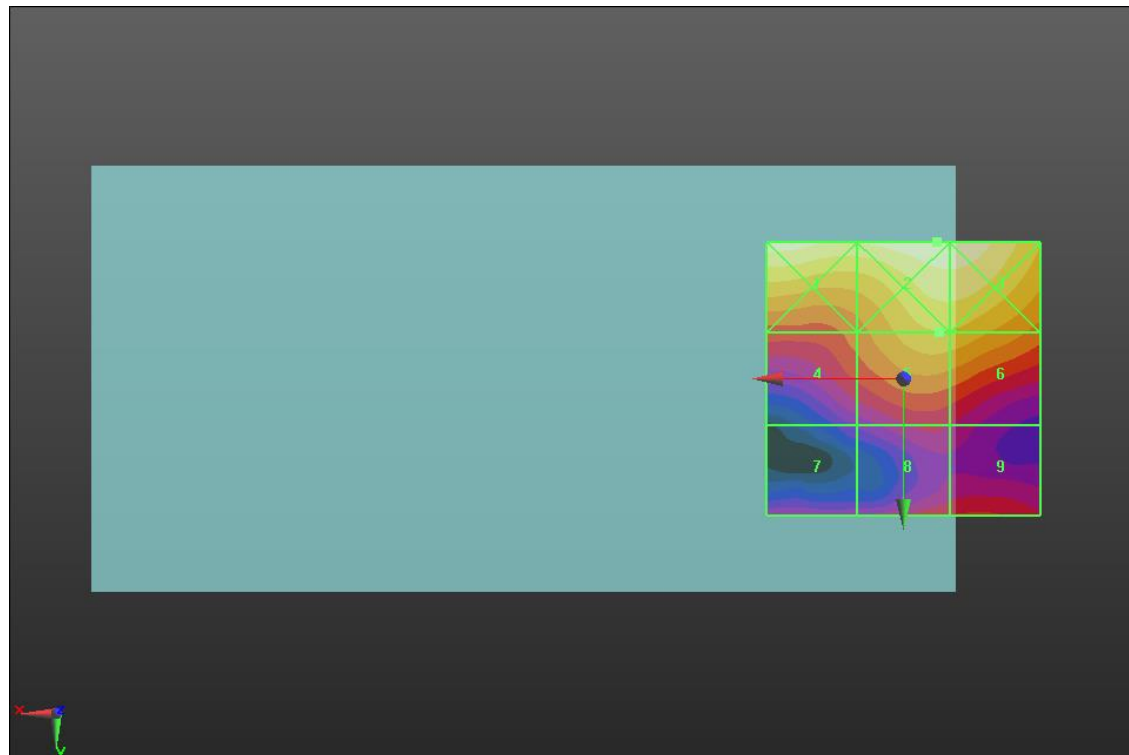
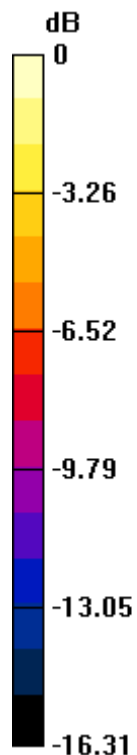
Applied MIF = 0.12 dB

RF audio interference level = 25.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.1 dBV/m	Grid 2 M4 28.6 dBV/m	Grid 3 M4 28.54 dBV/m
Grid 4 M4 22.64 dBV/m	Grid 5 M4 25.27 dBV/m	Grid 6 M4 25.22 dBV/m
Grid 7 M4 18.99 dBV/m	Grid 8 M4 21.11 dBV/m	Grid 9 M4 21.3 dBV/m



0 dB = 26.90 V/m = 28.60 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 47.93 V/m; Power Drift = 0.56 dB

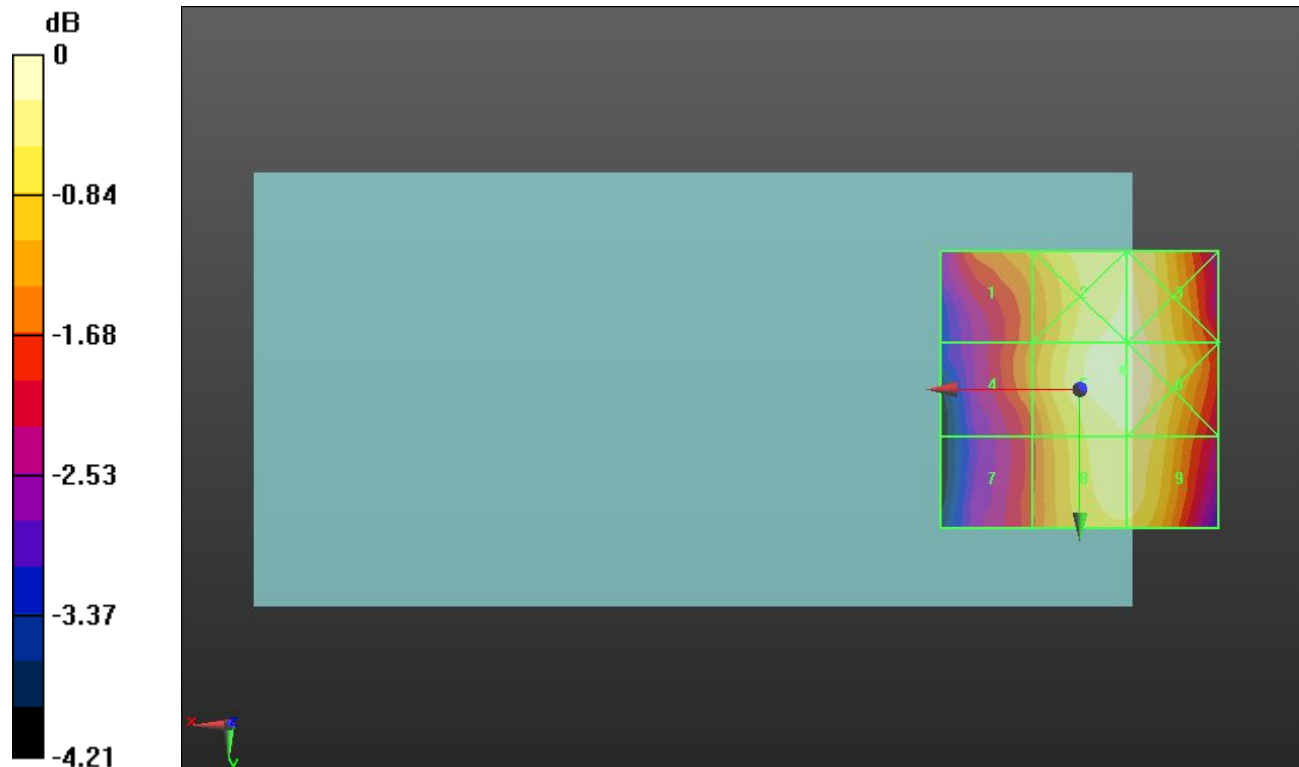
Applied MIF = 3.63 dB

RF audio interference level = 35.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.81 dBV/m	Grid 2 M4 35.67 dBV/m	Grid 3 M4 35.67 dBV/m
Grid 4 M4 34.56 dBV/m	Grid 5 M4 35.79 dBV/m	Grid 6 M4 35.78 dBV/m
Grid 7 M4 34.08 dBV/m	Grid 8 M4 35.47 dBV/m	Grid 9 M4 35.47 dBV/m



0 dB = 61.56 V/m = 35.79 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 41.02 V/m; Power Drift = -0.09 dB

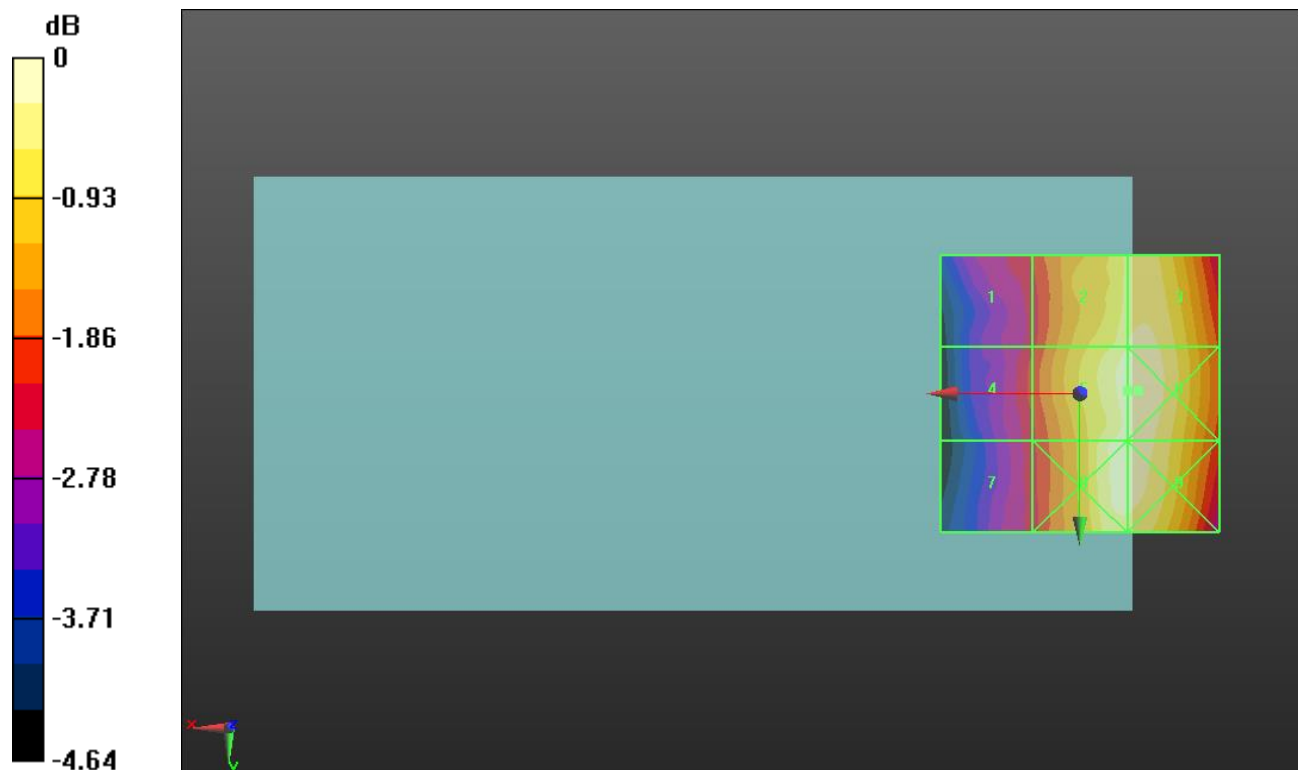
Applied MIF = 3.63 dB

RF audio interference level = 34.41 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.4 dBV/m	Grid 2 M4 34.2 dBV/m	Grid 3 M4 34.3 dBV/m
Grid 4 M4 32.47 dBV/m	Grid 5 M4 34.41 dBV/m	Grid 6 M4 34.49 dBV/m
Grid 7 M4 32.26 dBV/m	Grid 8 M4 34.31 dBV/m	Grid 9 M4 34.31 dBV/m



0 dB = 53.03 V/m = 34.49 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 46.39 V/m; Power Drift = -0.10 dB

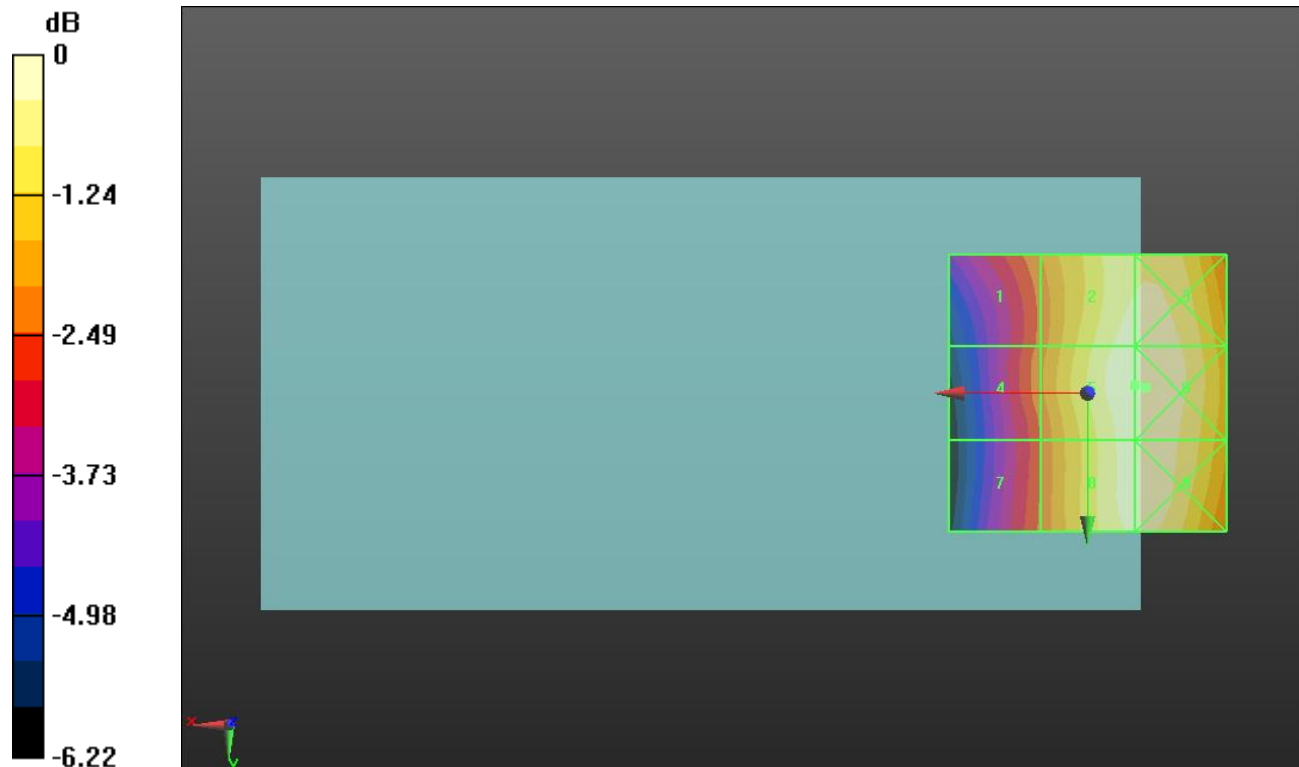
Applied MIF = 3.63 dB

RF audio interference level = 35.62 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 33.58 dBV/m	Grid 2 M4 35.48 dBV/m	Grid 3 M4 35.5 dBV/m
Grid 4 M4 33.5 dBV/m	Grid 5 M4 35.62 dBV/m	Grid 6 M4 35.65 dBV/m
Grid 7 M4 33.26 dBV/m	Grid 8 M4 35.47 dBV/m	Grid 9 M4 35.51 dBV/m



0 dB = 60.60 V/m = 35.65 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 16.11 V/m; Power Drift = -0.15 dB

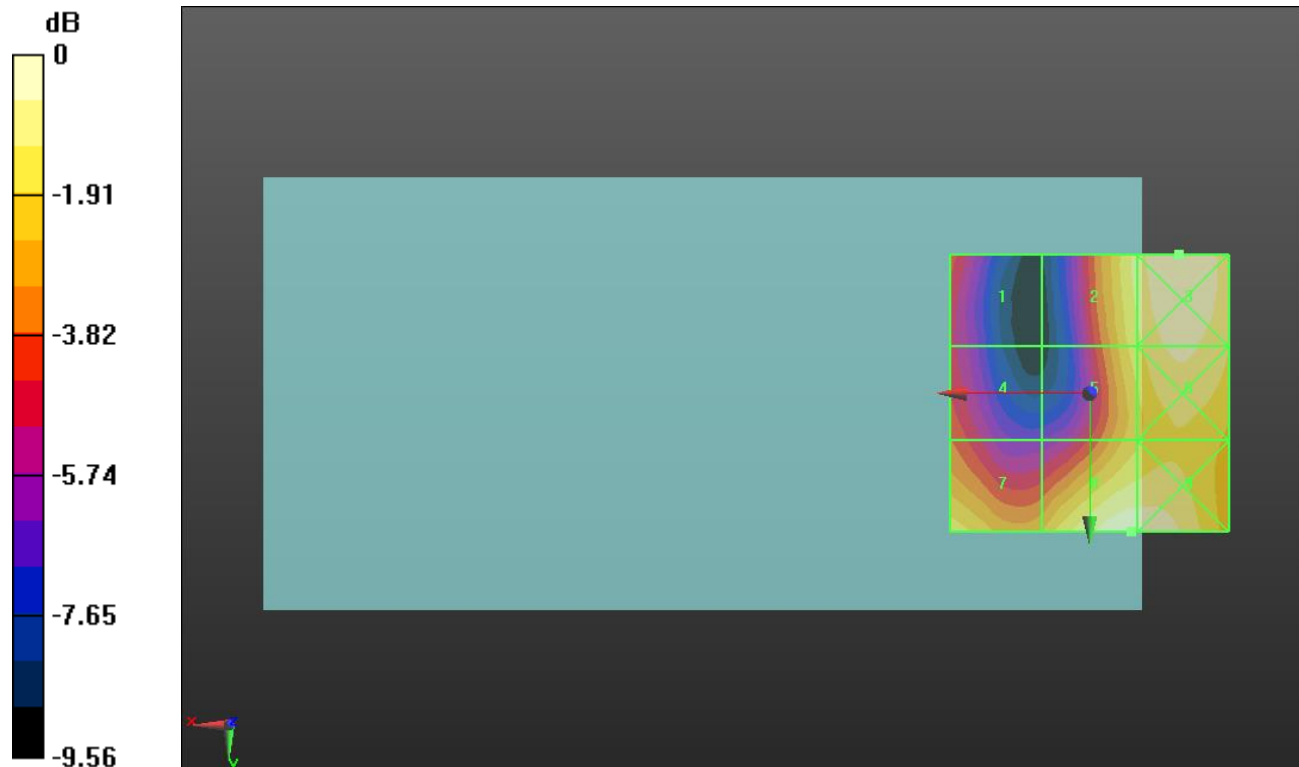
Applied MIF = 3.63 dB

RF audio interference level = 32.07 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.13 dBV/m	Grid 2 M3 31.19 dBV/m	Grid 3 M3 32.21 dBV/m
Grid 4 M4 28.44 dBV/m	Grid 5 M3 30.72 dBV/m	Grid 6 M3 31.71 dBV/m
Grid 7 M3 30.78 dBV/m	Grid 8 M3 32.07 dBV/m	Grid 9 M3 32.06 dBV/m



0 dB = 40.77 V/m = 32.21 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 15.86 V/m; Power Drift = -0.15 dB

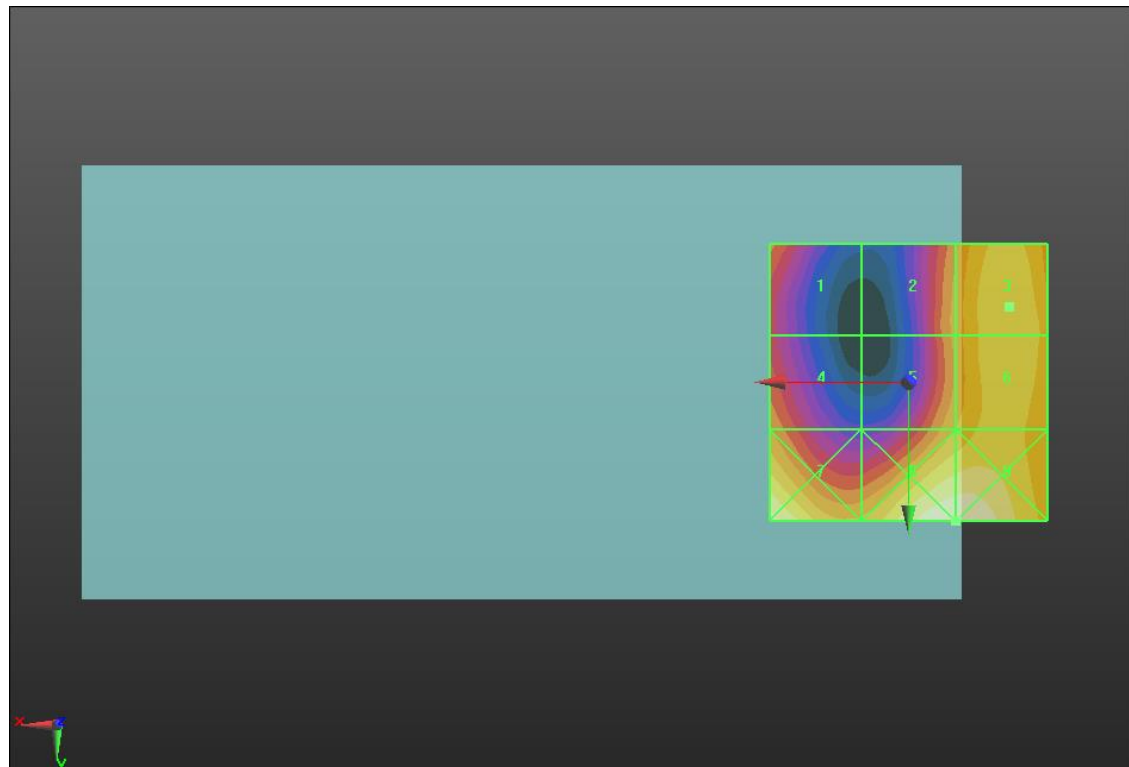
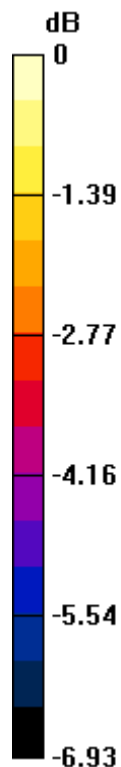
Applied MIF = 3.63 dB

RF audio interference level = 31.73 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M3 30.17 dBV/m	Grid 2 M3 30.62 dBV/m	Grid 3 M3 31.73 dBV/m
Grid 4 M3 30.46 dBV/m	Grid 5 M3 30.9 dBV/m	Grid 6 M3 31.7 dBV/m
Grid 7 M3 32.54 dBV/m	Grid 8 M3 32.71 dBV/m	Grid 9 M3 32.71 dBV/m



0 dB = 43.21 V/m = 32.71 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 12.96 V/m; Power Drift = -0.23 dB

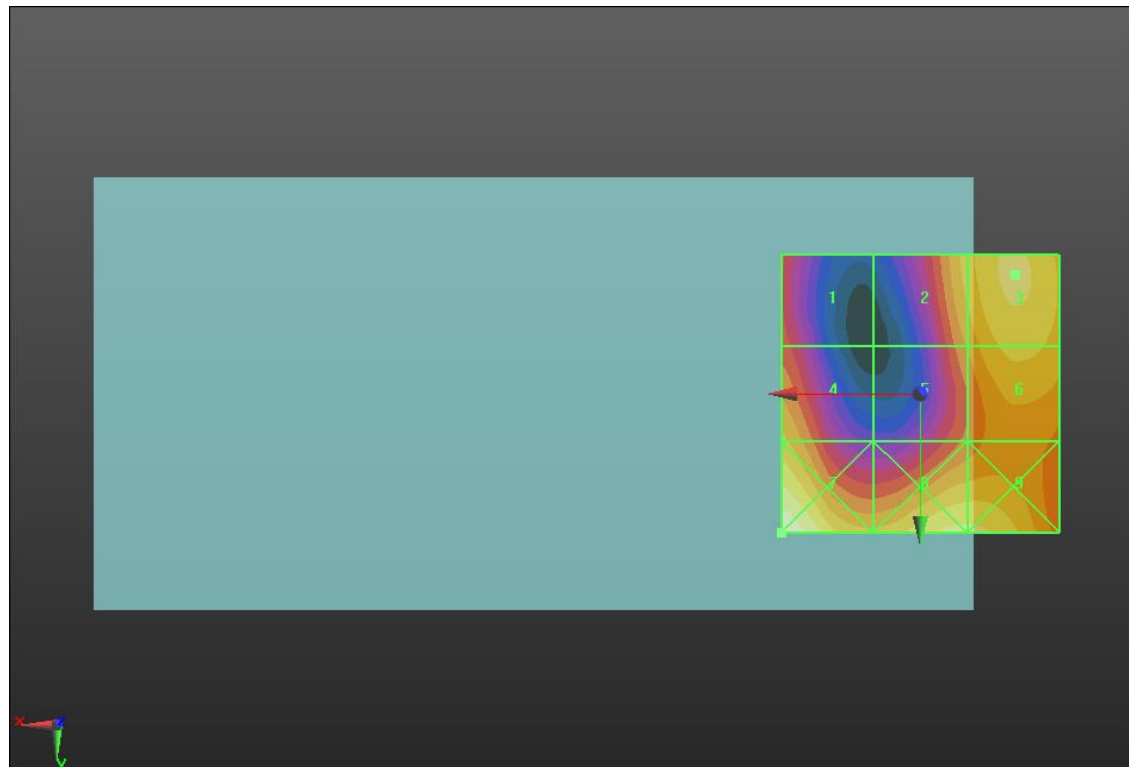
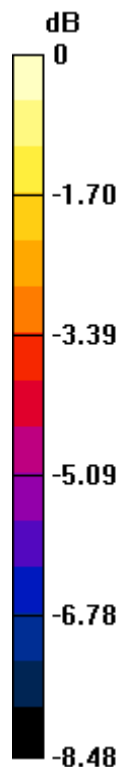
Applied MIF = 3.63 dB

RF audio interference level = 31.24 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 28.71 dBV/m	Grid 2 M3 30.29 dBV/m	Grid 3 M3 31.24 dBV/m
Grid 4 M3 30.18 dBV/m	Grid 5 M4 29.51 dBV/m	Grid 6 M3 30.74 dBV/m
Grid 7 M3 32.25 dBV/m	Grid 8 M3 31.31 dBV/m	Grid 9 M3 31.3 dBV/m



0 dB = 40.98 V/m = 32.25 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 18.91 V/m; Power Drift = 0.14 dB

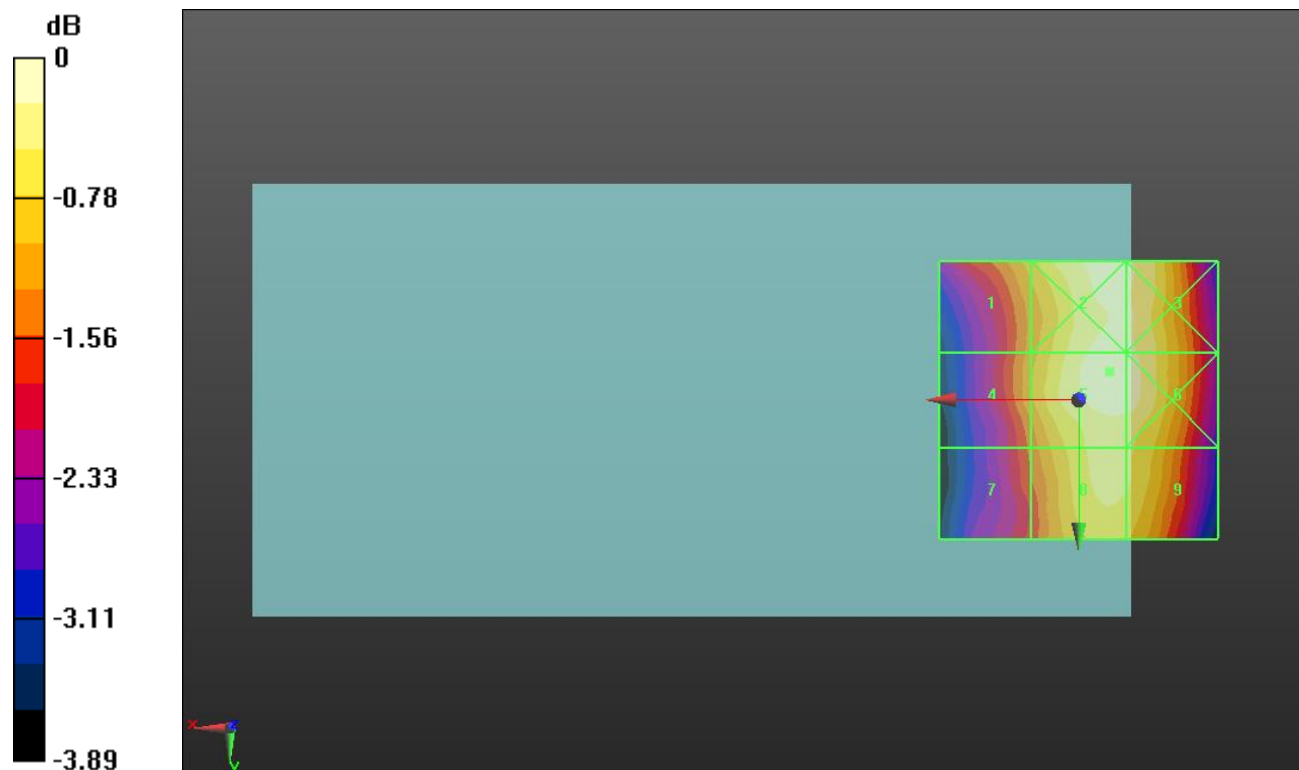
Applied MIF = 3.26 dB

RF audio interference level = 27.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 26.34 dBV/m	Grid 2 M4 27.09 dBV/m	Grid 3 M4 27.04 dBV/m
Grid 4 M4 26.17 dBV/m	Grid 5 M4 27.21 dBV/m	Grid 6 M4 27.12 dBV/m
Grid 7 M4 25.77 dBV/m	Grid 8 M4 26.86 dBV/m	Grid 9 M4 26.77 dBV/m



0 dB = 22.94 V/m = 27.21 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 15.45 V/m; Power Drift = 0.18 dB

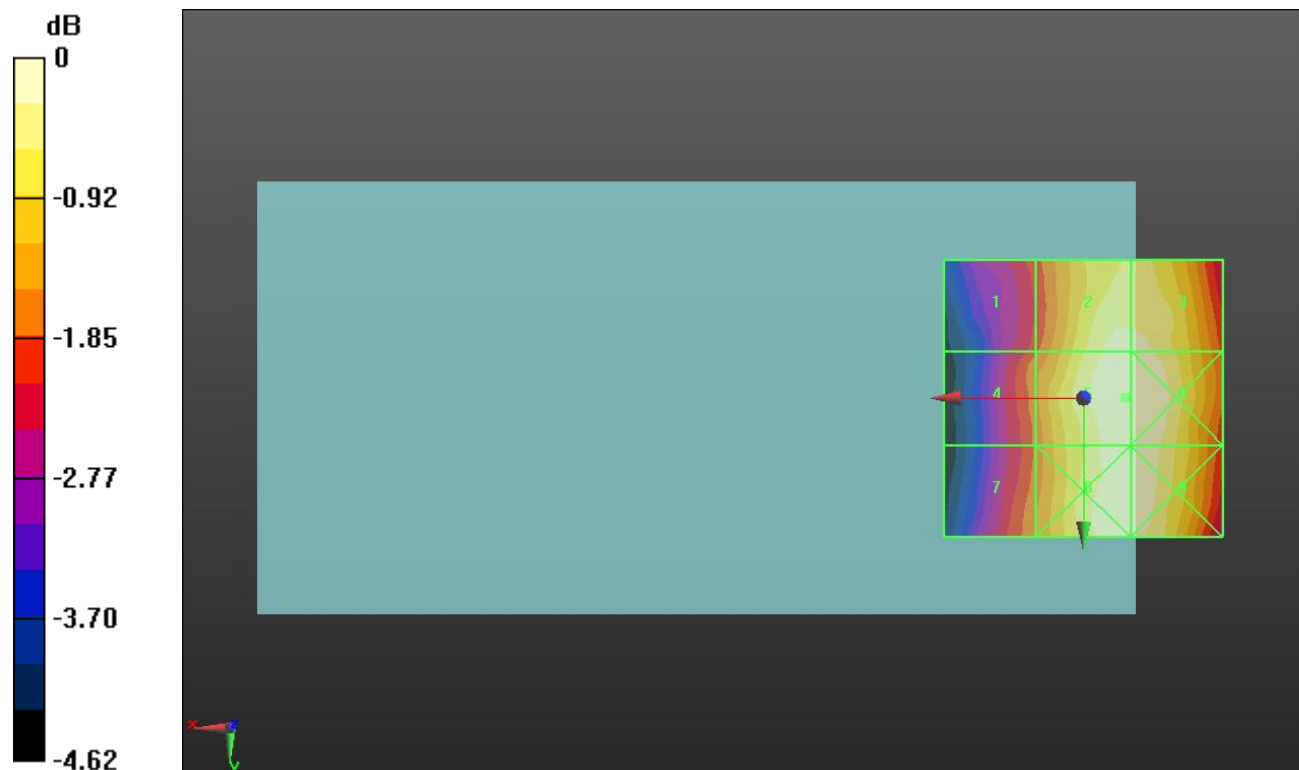
Applied MIF = 3.26 dB

RF audio interference level = 25.72 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.82 dBV/m	Grid 2 M4 25.55 dBV/m	Grid 3 M4 25.54 dBV/m
Grid 4 M4 24.15 dBV/m	Grid 5 M4 25.72 dBV/m	Grid 6 M4 25.72 dBV/m
Grid 7 M4 24.2 dBV/m	Grid 8 M4 25.67 dBV/m	Grid 9 M4 25.67 dBV/m



0 dB = 19.32 V/m = 25.72 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC0 E-Field measurement/RC1_SO3_ch 777/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.17 V/m; Power Drift = 0.01 dB

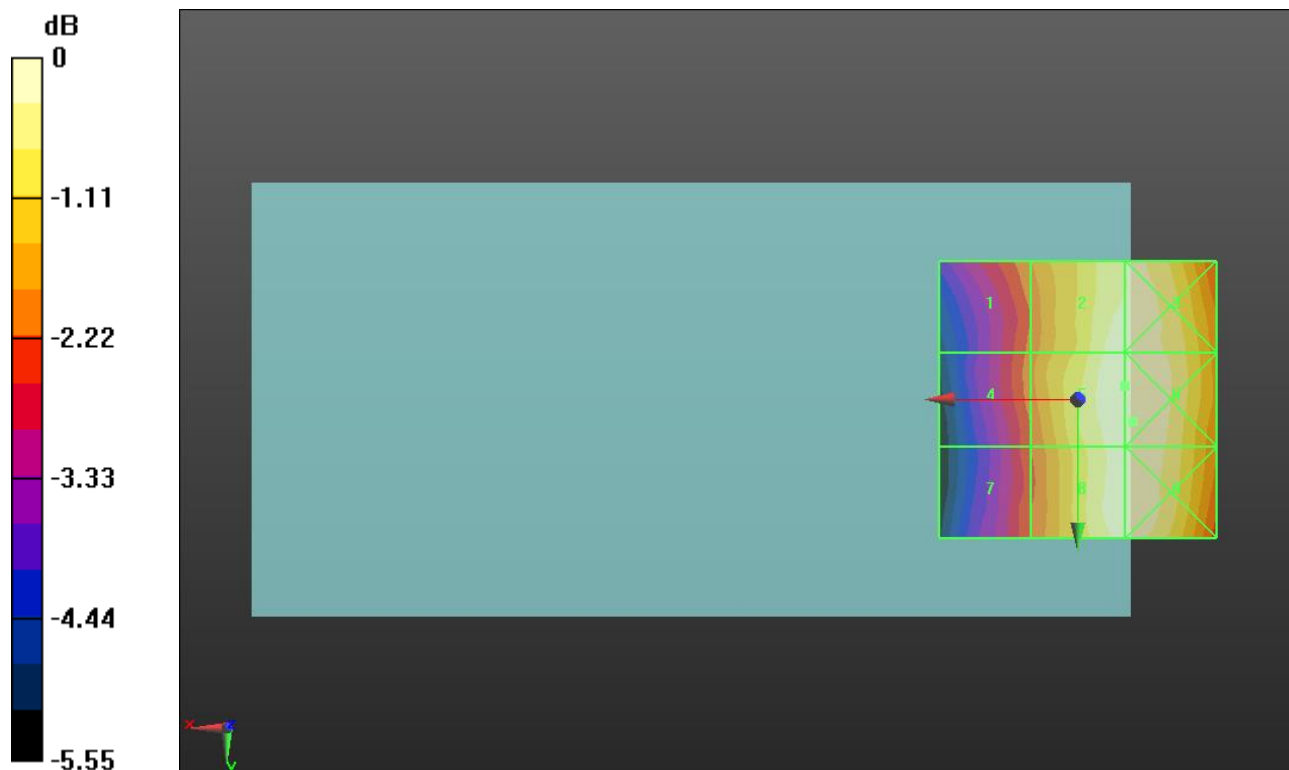
Applied MIF = 3.26 dB

RF audio interference level = 26.61 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.79 dBV/m	Grid 2 M4 26.52 dBV/m	Grid 3 M4 26.54 dBV/m
Grid 4 M4 24.68 dBV/m	Grid 5 M4 26.61 dBV/m	Grid 6 M4 26.64 dBV/m
Grid 7 M4 24.43 dBV/m	Grid 8 M4 26.52 dBV/m	Grid 9 M4 26.56 dBV/m



0 dB = 21.48 V/m = 26.64 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 8.775 V/m; Power Drift = 0.11 dB

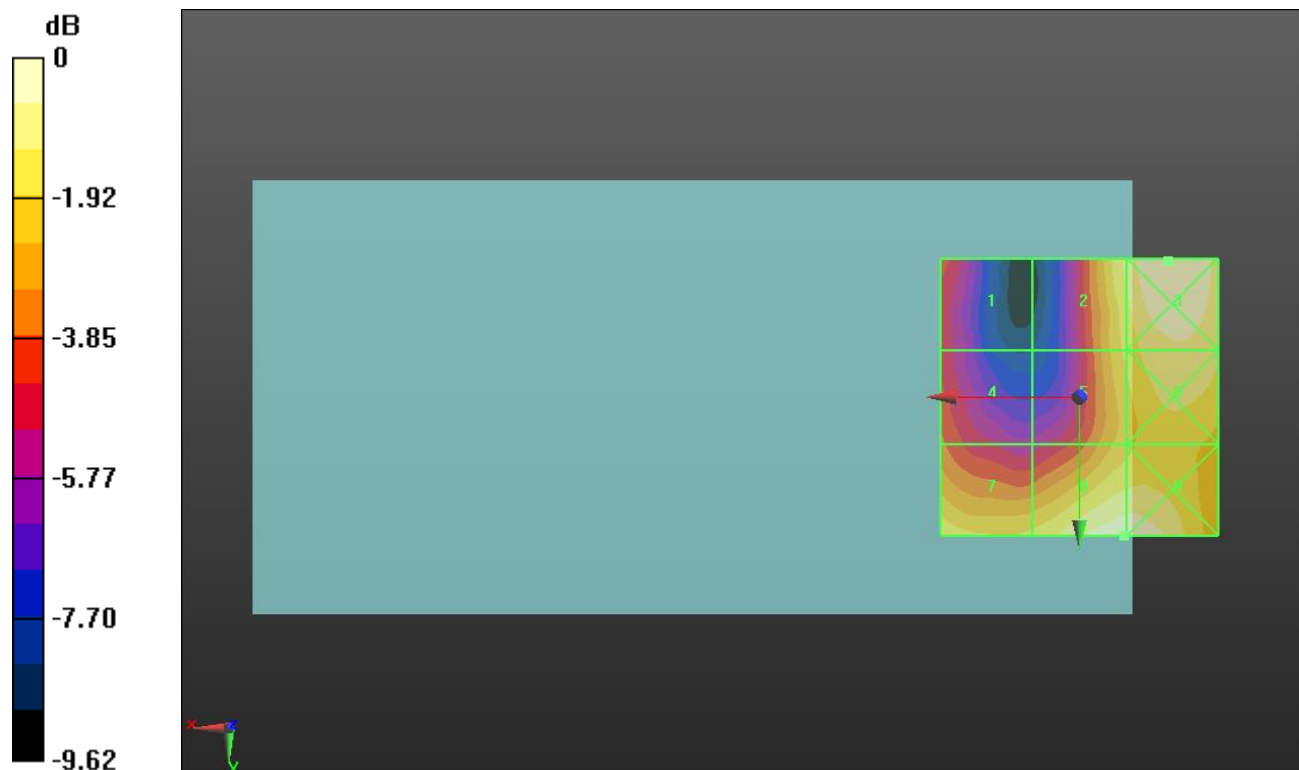
Applied MIF = 3.26 dB

RF audio interference level = 25.17 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 21.21 dBV/m	Grid 2 M4 24.28 dBV/m	Grid 3 M4 25.36 dBV/m
Grid 4 M4 21.78 dBV/m	Grid 5 M4 23.62 dBV/m	Grid 6 M4 24.63 dBV/m
Grid 7 M4 24.14 dBV/m	Grid 8 M4 25.17 dBV/m	Grid 9 M4 25.16 dBV/m



0 dB = 18.55 V/m = 25.37 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 8.631 V/m; Power Drift = -0.53 dB

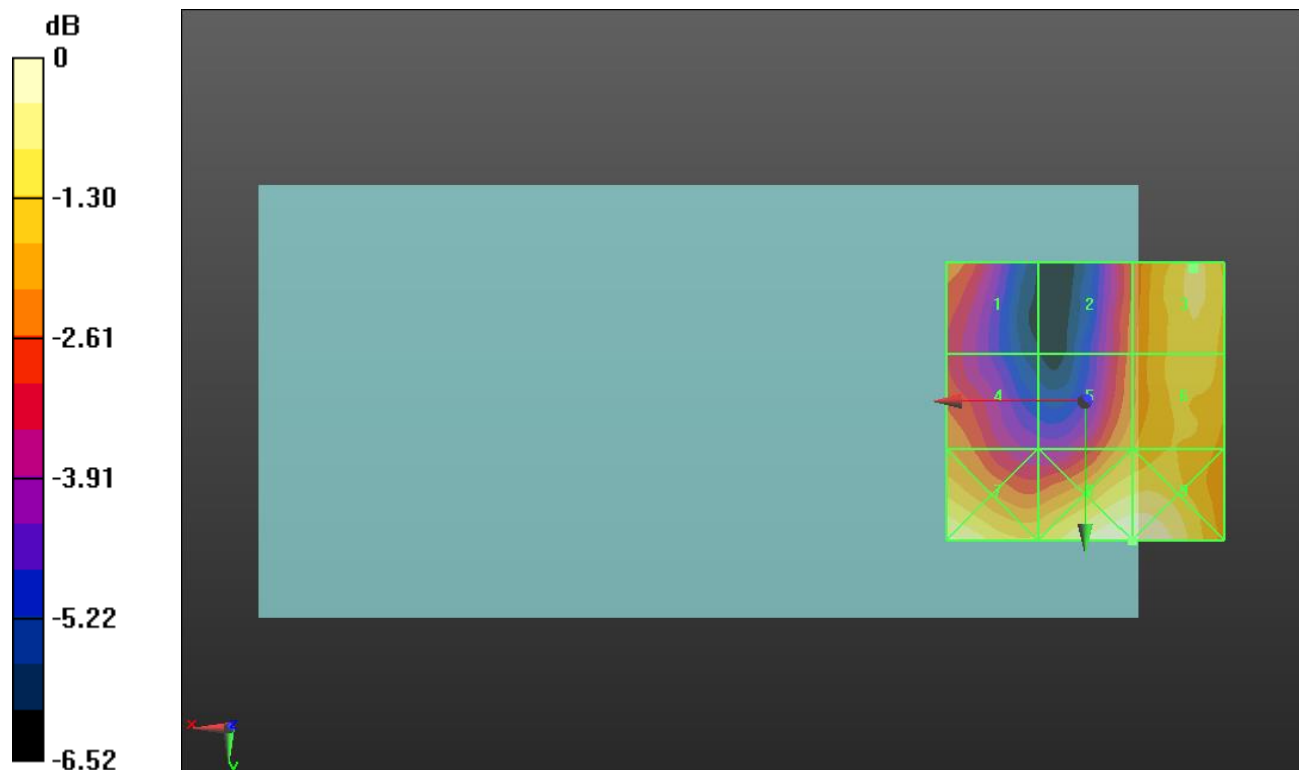
Applied MIF = 3.26 dB

RF audio interference level = 24.56 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.96 dBV/m	Grid 2 M4 22.97 dBV/m	Grid 3 M4 24.56 dBV/m
Grid 4 M4 23.2 dBV/m	Grid 5 M4 23.56 dBV/m	Grid 6 M4 24.37 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 25.33 dBV/m	Grid 9 M4 25.33 dBV/m



0 dB = 18.47 V/m = 25.33 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 7.893 V/m; Power Drift = 0.01 dB

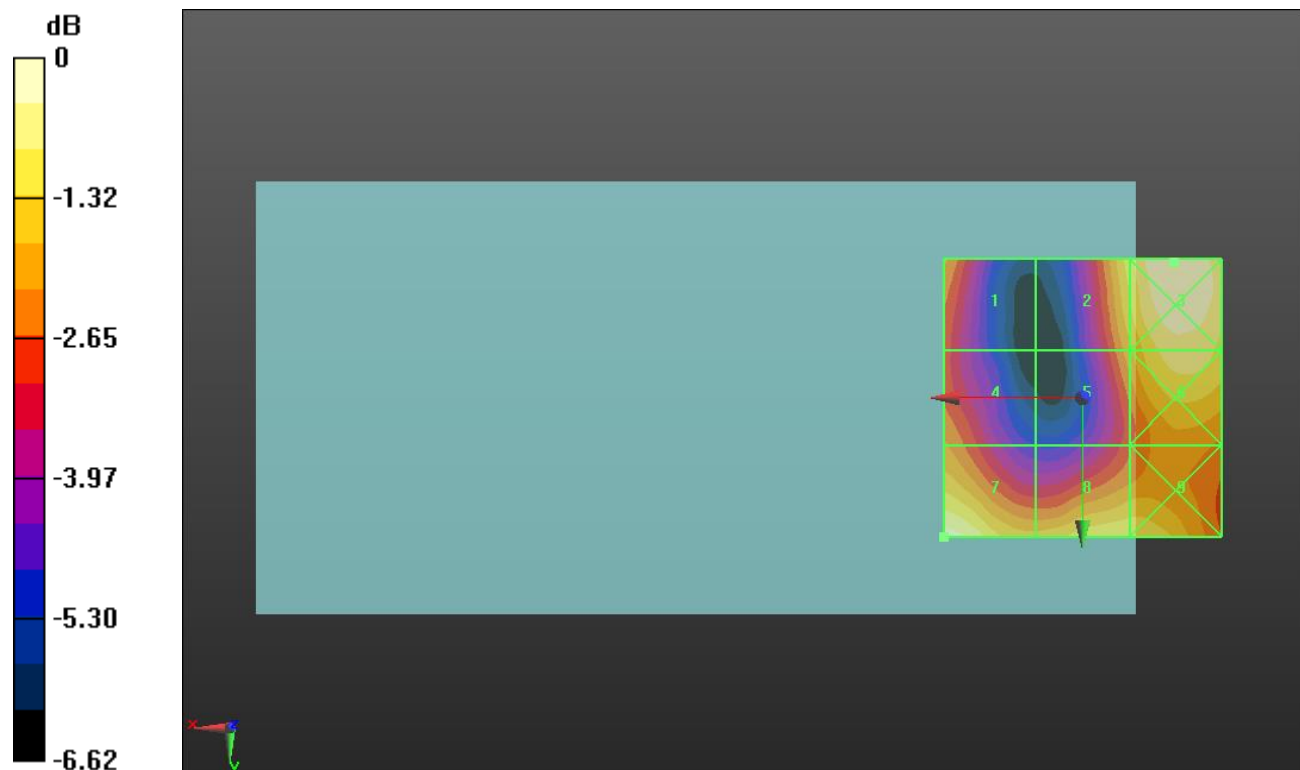
Applied MIF = 3.26 dB

RF audio interference level = 24.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.94 dBV/m	Grid 2 M4 23.93 dBV/m	Grid 3 M4 24.98 dBV/m
Grid 4 M4 22.87 dBV/m	Grid 5 M4 23.08 dBV/m	Grid 6 M4 24.36 dBV/m
Grid 7 M4 24.83 dBV/m	Grid 8 M4 24.11 dBV/m	Grid 9 M4 24.11 dBV/m



0 dB = 17.74 V/m = 24.98 dBV/m

HAC-RF Emission

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC10 E-Field measurement/RC1_SO3_ch 476/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.98 V/m; Power Drift = -0.04 dB

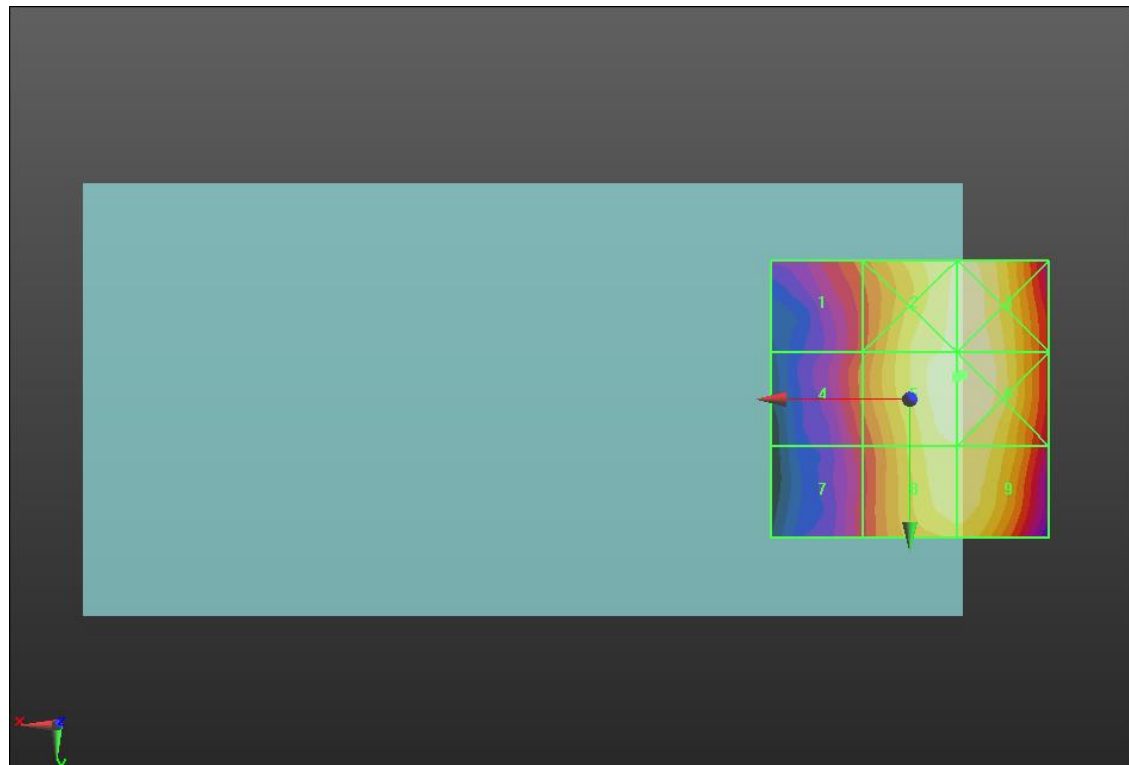
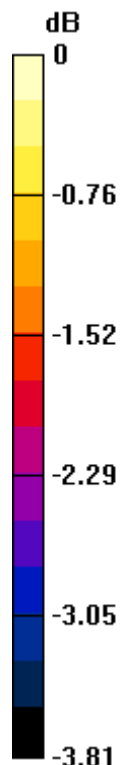
Applied MIF = 3.26 dB

RF audio interference level = 24.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.16 dBV/m	Grid 2 M4 24.43 dBV/m	Grid 3 M4 24.44 dBV/m
Grid 4 M4 23.11 dBV/m	Grid 5 M4 24.52 dBV/m	Grid 6 M4 24.53 dBV/m
Grid 7 M4 22.74 dBV/m	Grid 8 M4 24.27 dBV/m	Grid 9 M4 24.27 dBV/m



0 dB = 16.84 V/m = 24.53 dBV/m

HAC-RF Emission

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC10 E-Field measurement/RC1_SO3_ch 580/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.64 V/m; Power Drift = 0.21 dB

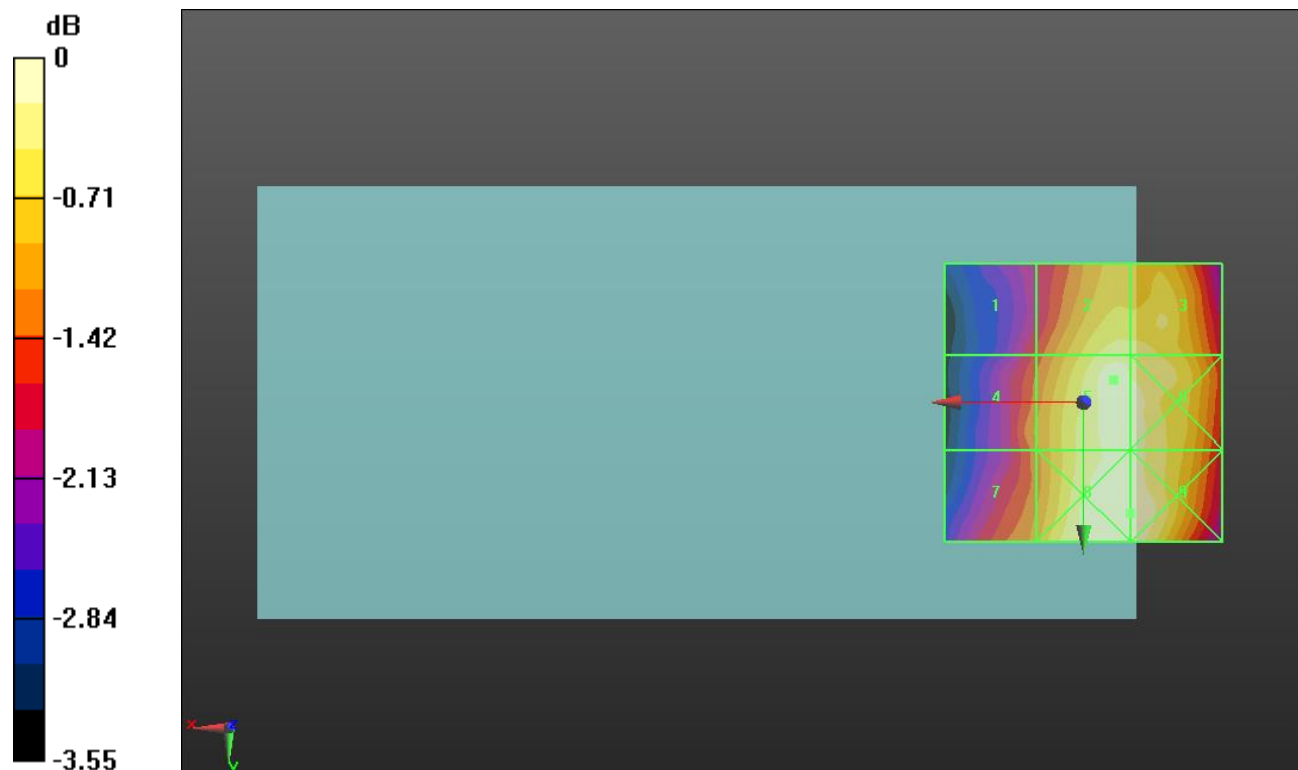
Applied MIF = 3.26 dB

RF audio interference level = 24.70 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.21 dBV/m	Grid 2 M4 24.45 dBV/m	Grid 3 M4 24.42 dBV/m
Grid 4 M4 23.64 dBV/m	Grid 5 M4 24.7 dBV/m	Grid 6 M4 24.63 dBV/m
Grid 7 M4 23.73 dBV/m	Grid 8 M4 24.77 dBV/m	Grid 9 M4 24.77 dBV/m



0 dB = 17.32 V/m = 24.77 dBV/m

HAC-RF Emission

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

CDMA BC10 E-Field measurement/RC1_SO3_ch 684/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 17.41 V/m; Power Drift = -0.08 dB

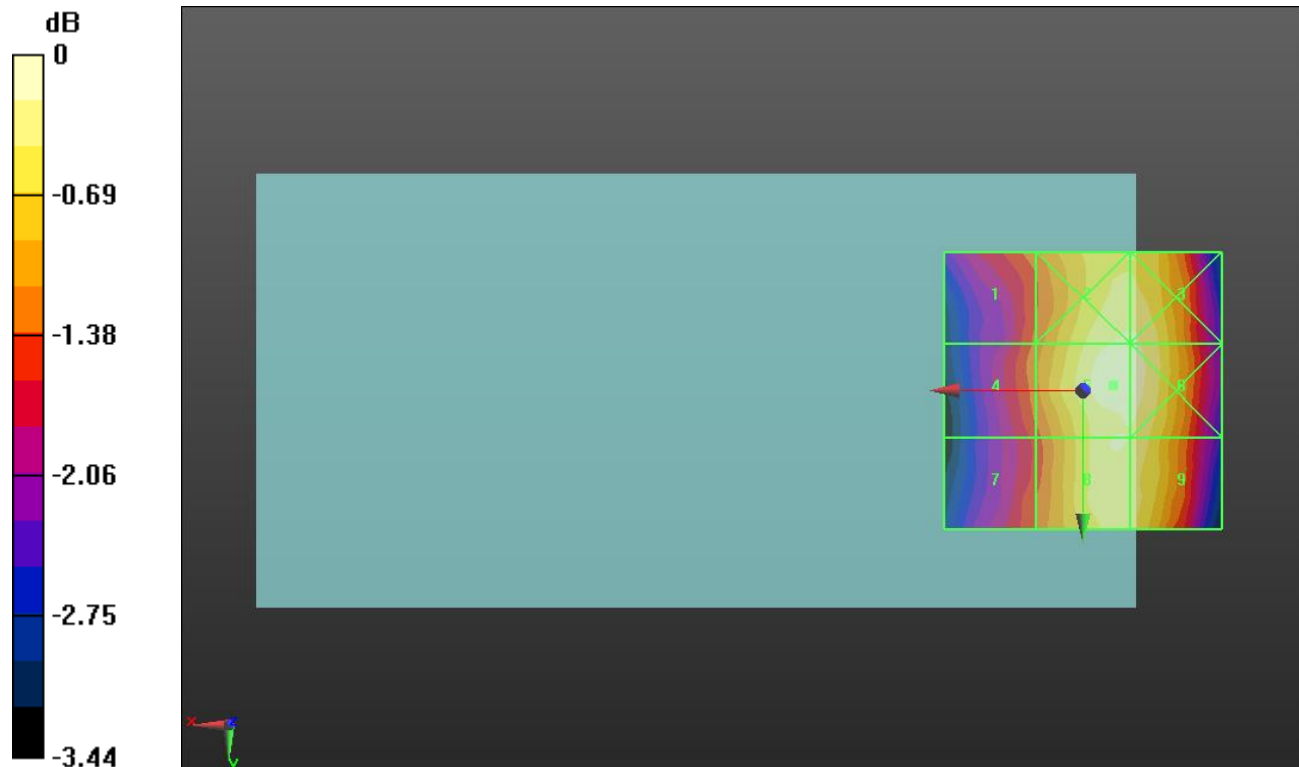
Applied MIF = 3.26 dB

RF audio interference level = 26.27 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.08 dBV/m	Grid 2 M4 26.1 dBV/m	Grid 3 M4 26.1 dBV/m
Grid 4 M4 25.08 dBV/m	Grid 5 M4 26.27 dBV/m	Grid 6 M4 26.2 dBV/m
Grid 7 M4 24.92 dBV/m	Grid 8 M4 26.05 dBV/m	Grid 9 M4 26.03 dBV/m



0 dB = 20.57 V/m = 26.26 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 8.632 V/m; Power Drift = 0.45 dB

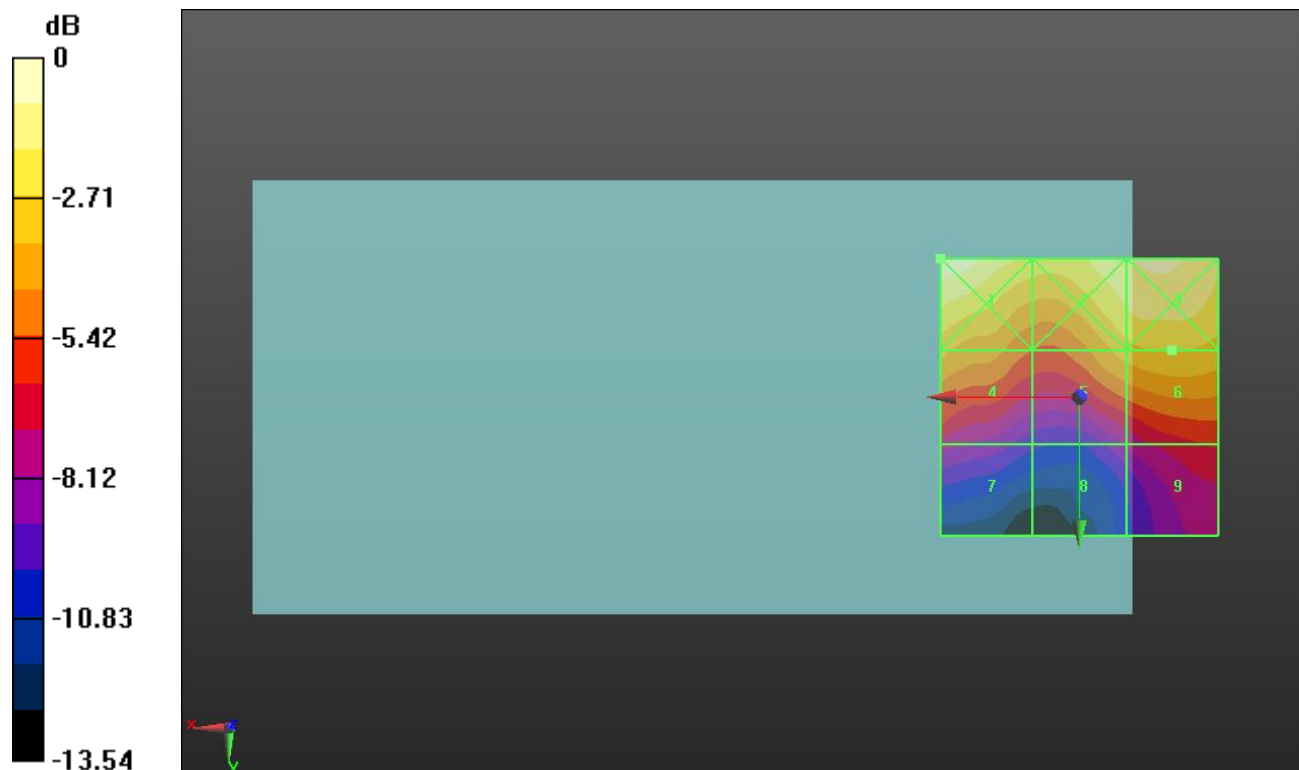
Applied MIF = -1.44 dB

RF audio interference level = 21.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.13 dBV/m	Grid 2 M4 23.18 dBV/m	Grid 3 M4 23.39 dBV/m
Grid 4 M4 20.88 dBV/m	Grid 5 M4 21.03 dBV/m	Grid 6 M4 21.49 dBV/m
Grid 7 M4 16.53 dBV/m	Grid 8 M4 16.17 dBV/m	Grid 9 M4 17.95 dBV/m



0 dB = 16.09 V/m = 24.13 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 6.987 V/m; Power Drift = 0.33 dB

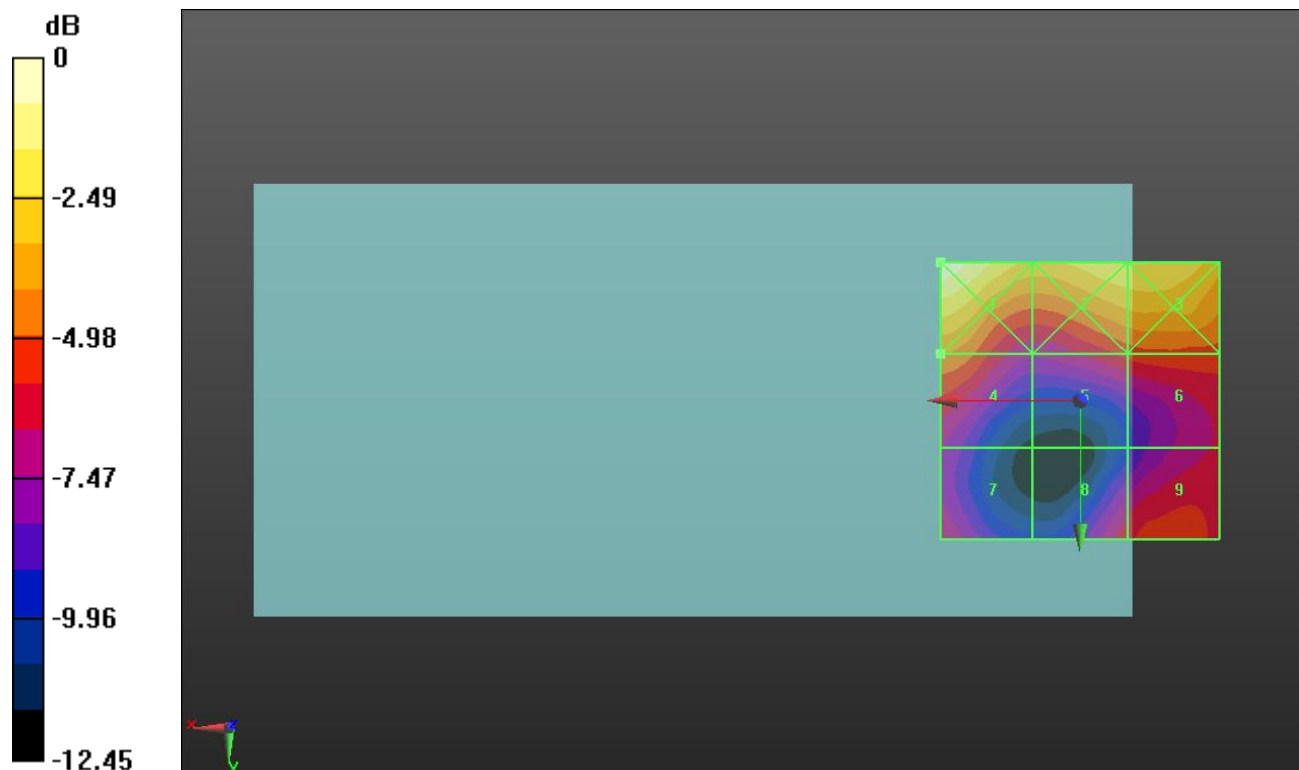
Applied MIF = -1.44 dB

RF audio interference level = 20.21 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 24.31 dBV/m	Grid 2 M4 22.72 dBV/m	Grid 3 M4 22.75 dBV/m
Grid 4 M4 20.21 dBV/m	Grid 5 M4 18.83 dBV/m	Grid 6 M4 19.17 dBV/m
Grid 7 M4 17.92 dBV/m	Grid 8 M4 18.3 dBV/m	Grid 9 M4 18.93 dBV/m



0 dB = 16.42 V/m = 24.31 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 9.128 V/m; Power Drift = -0.10 dB

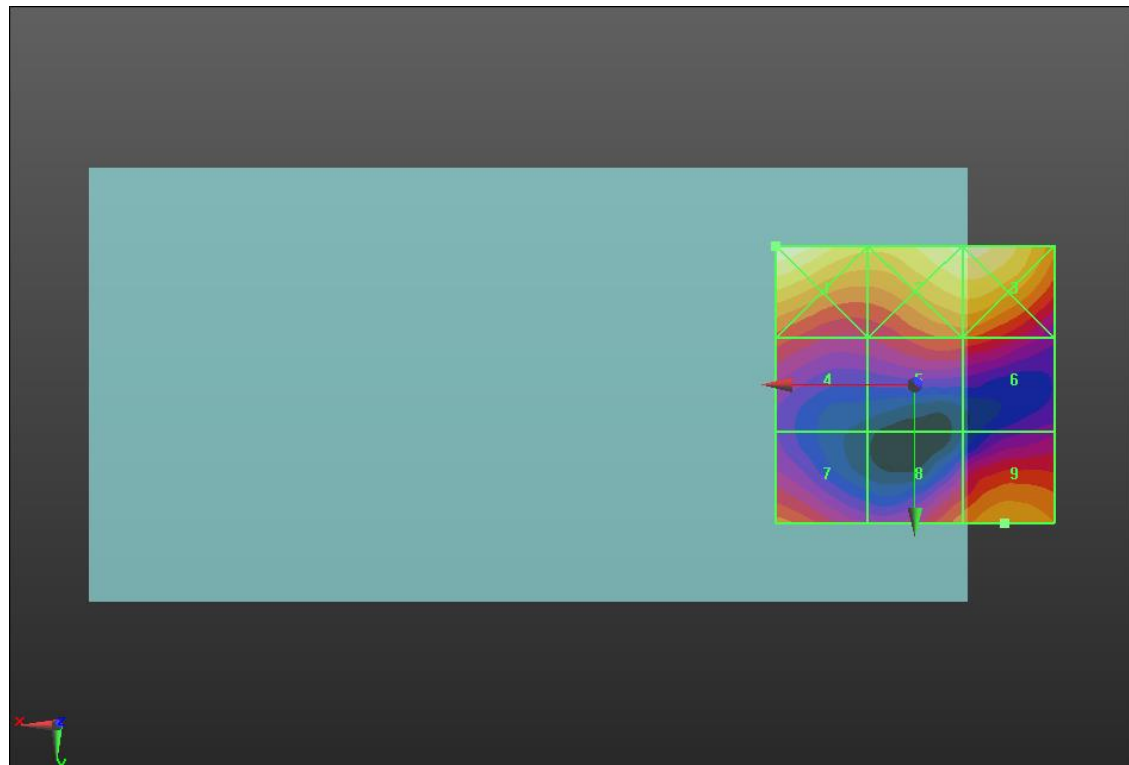
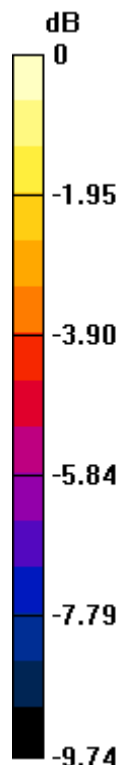
Applied MIF = -1.44 dB

RF audio interference level = 20.64 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.34 dBV/m	Grid 2 M4 22.96 dBV/m	Grid 3 M4 22.99 dBV/m
Grid 4 M4 19.26 dBV/m	Grid 5 M4 19.52 dBV/m	Grid 6 M4 19.51 dBV/m
Grid 7 M4 19.84 dBV/m	Grid 8 M4 19.88 dBV/m	Grid 9 M4 20.64 dBV/m



0 dB = 14.70 V/m = 23.35 dBV/m

HAC-RF Emission

Communication System: 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

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 = 7.768 V/m; Power Drift = -0.18 dB

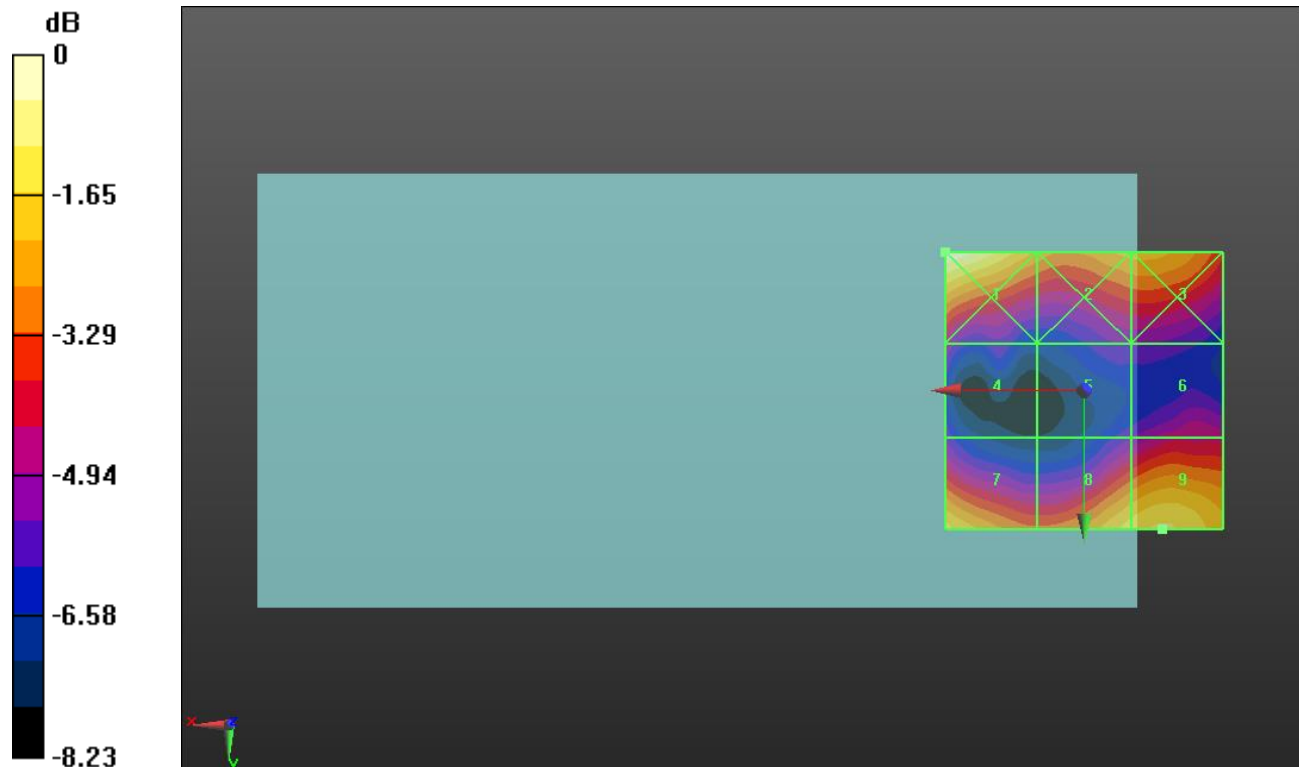
Applied MIF = -1.44 dB

RF audio interference level = 21.33 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.3 dBV/m	Grid 2 M4 20.33 dBV/m	Grid 3 M4 20.36 dBV/m
Grid 4 M4 17.71 dBV/m	Grid 5 M4 16.91 dBV/m	Grid 6 M4 17.83 dBV/m
Grid 7 M4 20.91 dBV/m	Grid 8 M4 20.98 dBV/m	Grid 9 M4 21.33 dBV/m



0 dB = 13.04 V/m = 22.31 dBV/m

HAC-RF Emission

Communication System: UID 10173, 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: 5/13/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- 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 = 4.732 V/m; Power Drift = -0.33 dB

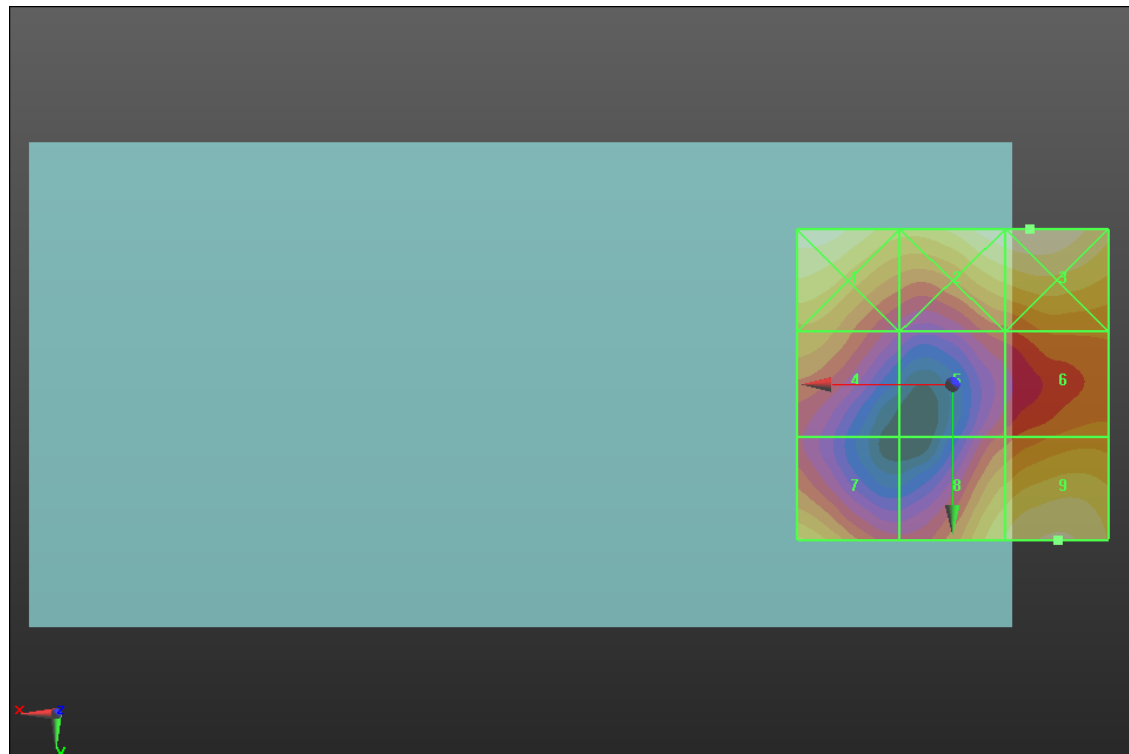
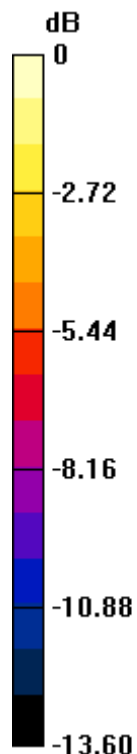
Applied MIF = -1.44 dB

RF audio interference level = 23.16 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 23.71 dBV/m	Grid 2 M4 23.8 dBV/m	Grid 3 M4 23.95 dBV/m
Grid 4 M4 20.11 dBV/m	Grid 5 M4 18.25 dBV/m	Grid 6 M4 19.94 dBV/m
Grid 7 M4 21.49 dBV/m	Grid 8 M4 22.27 dBV/m	Grid 9 M4 23.16 dBV/m



0 dB = 15.76 V/m = 23.95 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- 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)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.624 V/m; Power Drift = -0.44 dB

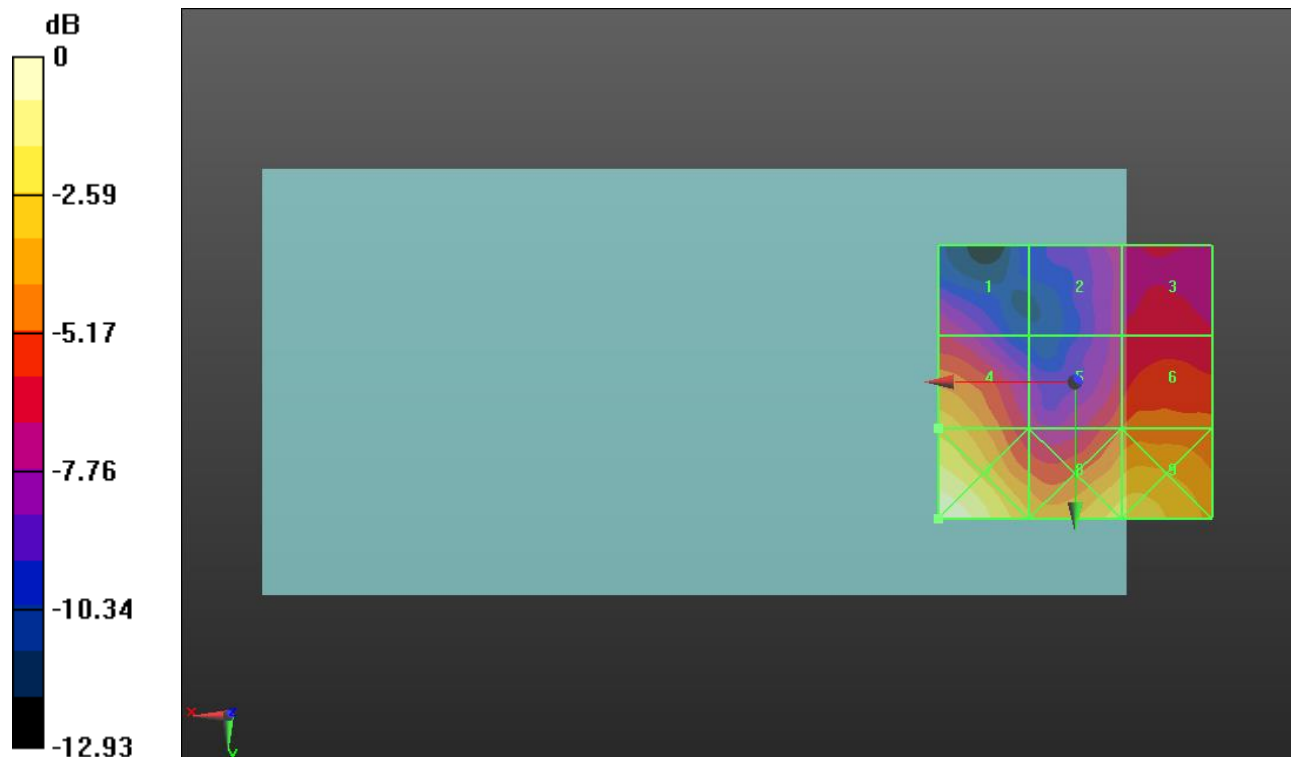
Applied MIF = 0.12 dB

RF audio interference level = 20.57 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 16.8 dBV/m	Grid 2 M4 16.39 dBV/m	Grid 3 M4 16.93 dBV/m
Grid 4 M4 20.57 dBV/m	Grid 5 M4 18.27 dBV/m	Grid 6 M4 18.71 dBV/m
Grid 7 M4 23.41 dBV/m	Grid 8 M4 21.28 dBV/m	Grid 9 M4 21.35 dBV/m



0 dB = 14.80 V/m = 23.41 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- 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)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps_ch 6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 6.850 V/m; Power Drift = 0.14 dB

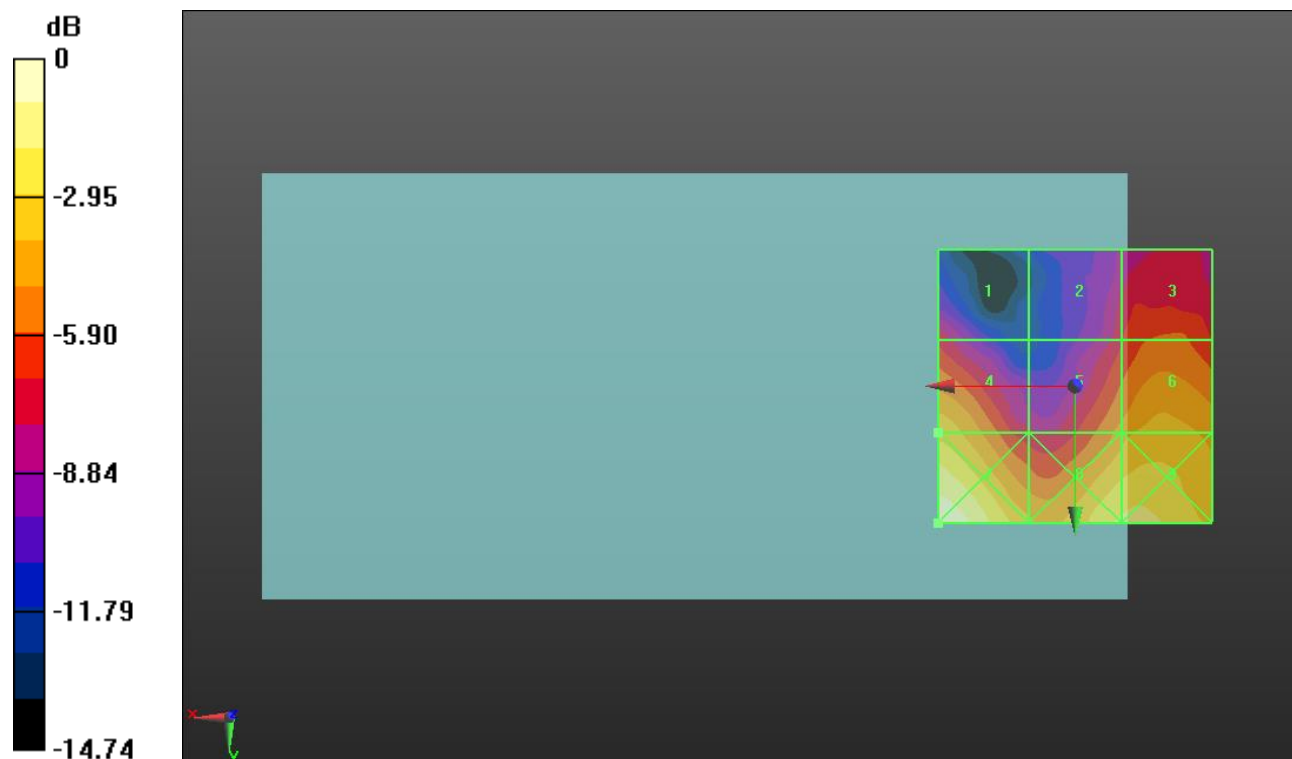
Applied MIF = 0.12 dB

RF audio interference level = 19.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 15.94 dBV/m	Grid 2 M4 16.05 dBV/m	Grid 3 M4 17.28 dBV/m
Grid 4 M4 19.76 dBV/m	Grid 5 M4 18.57 dBV/m	Grid 6 M4 19.37 dBV/m
Grid 7 M4 22.98 dBV/m	Grid 8 M4 21.16 dBV/m	Grid 9 M4 21.27 dBV/m



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

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1); Calibrated: 3/22/2016;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/16/2015
- 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)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.960 V/m; Power Drift = -0.18 dB

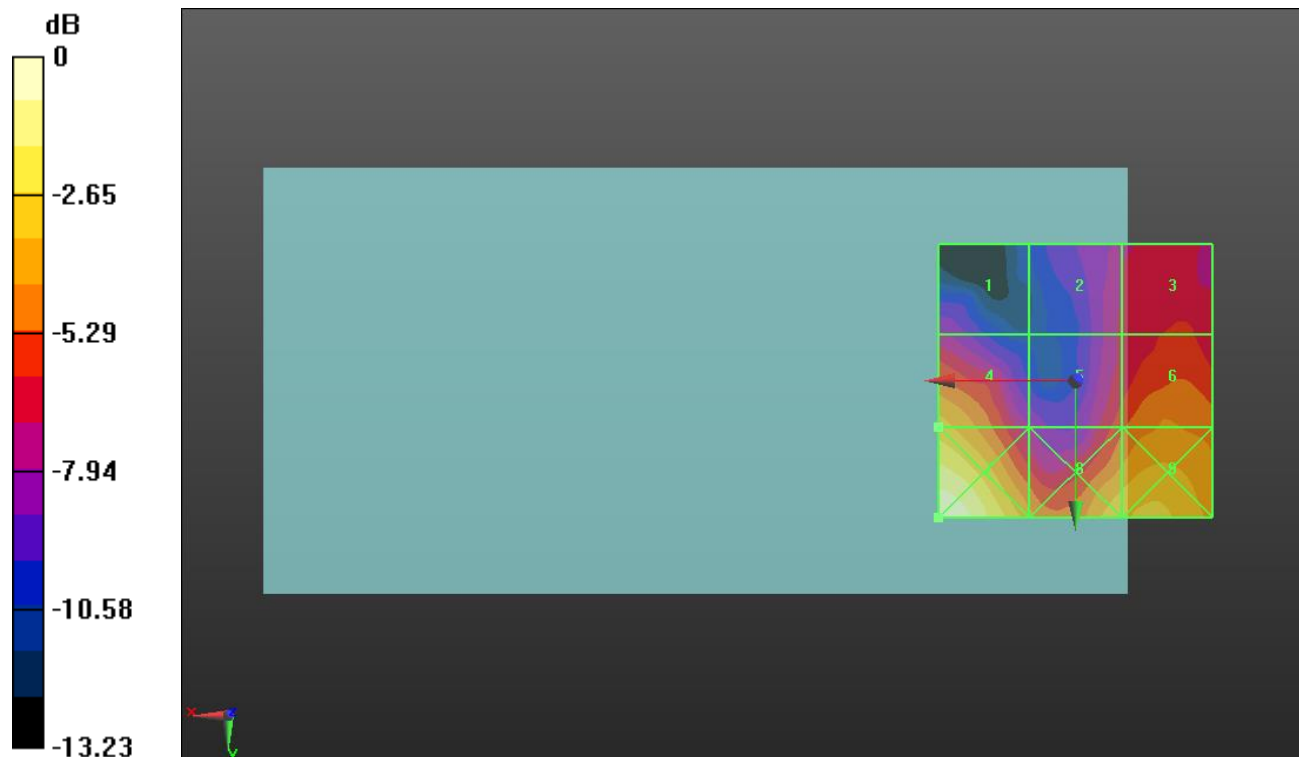
Applied MIF = 0.12 dB

RF audio interference level = 20.04 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 15.4 dBV/m	Grid 2 M4 16.42 dBV/m	Grid 3 M4 17.16 dBV/m
Grid 4 M4 20.04 dBV/m	Grid 5 M4 17.69 dBV/m	Grid 6 M4 18.82 dBV/m
Grid 7 M4 23.13 dBV/m	Grid 8 M4 20.35 dBV/m	Grid 9 M4 20.73 dBV/m



0 dB = 14.35 V/m = 23.14 dBV/m