

HAC-RF Emission

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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 30.14 V/m; Power Drift = 0.09 dB

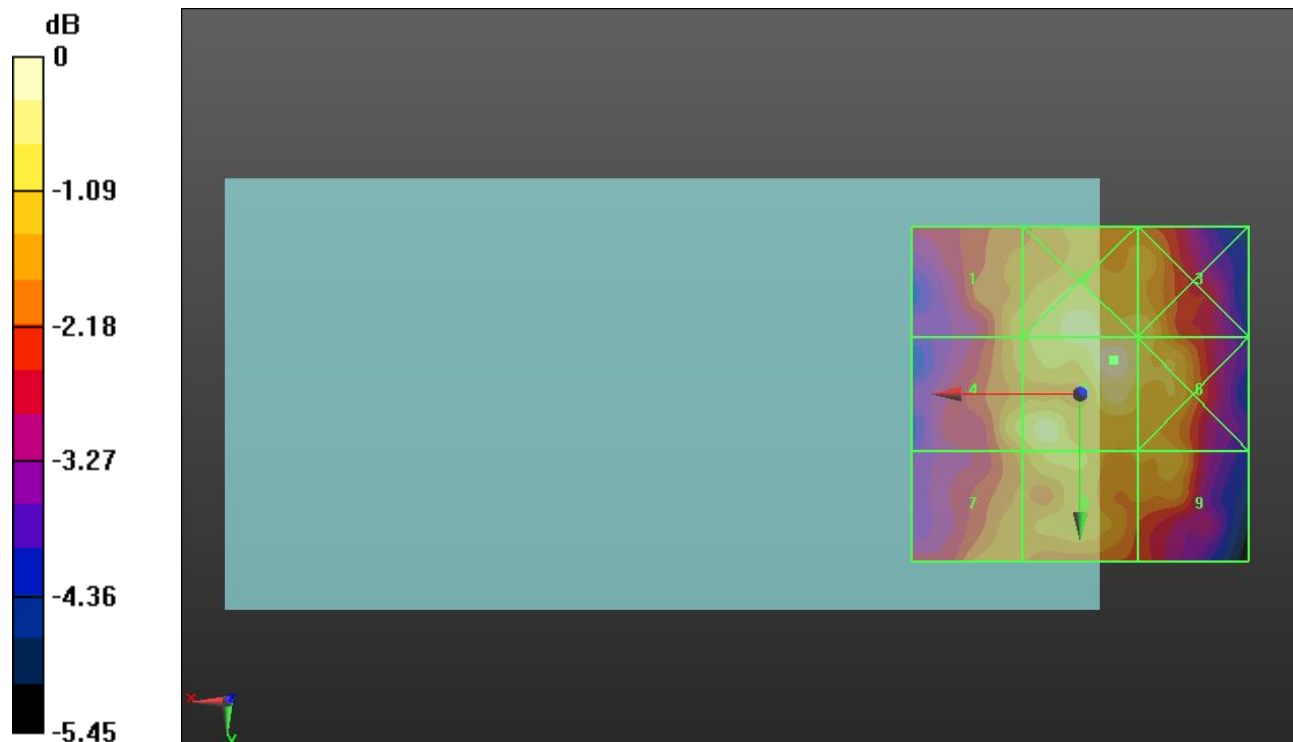
Applied MIF = 3.26 dB

RF audio interference level = 31.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.25 dBV/m	Grid 2 M4 31 dBV/m	Grid 3 M4 30.63 dBV/m
Grid 4 M4 30.45 dBV/m	Grid 5 M4 31.39 dBV/m	Grid 6 M4 30.64 dBV/m
Grid 7 M4 29.91 dBV/m	Grid 8 M4 30.48 dBV/m	Grid 9 M4 30.22 dBV/m



0 dB = 37.09 V/m = 31.39 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 831.99 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 26.78 V/m; Power Drift = -0.05 dB

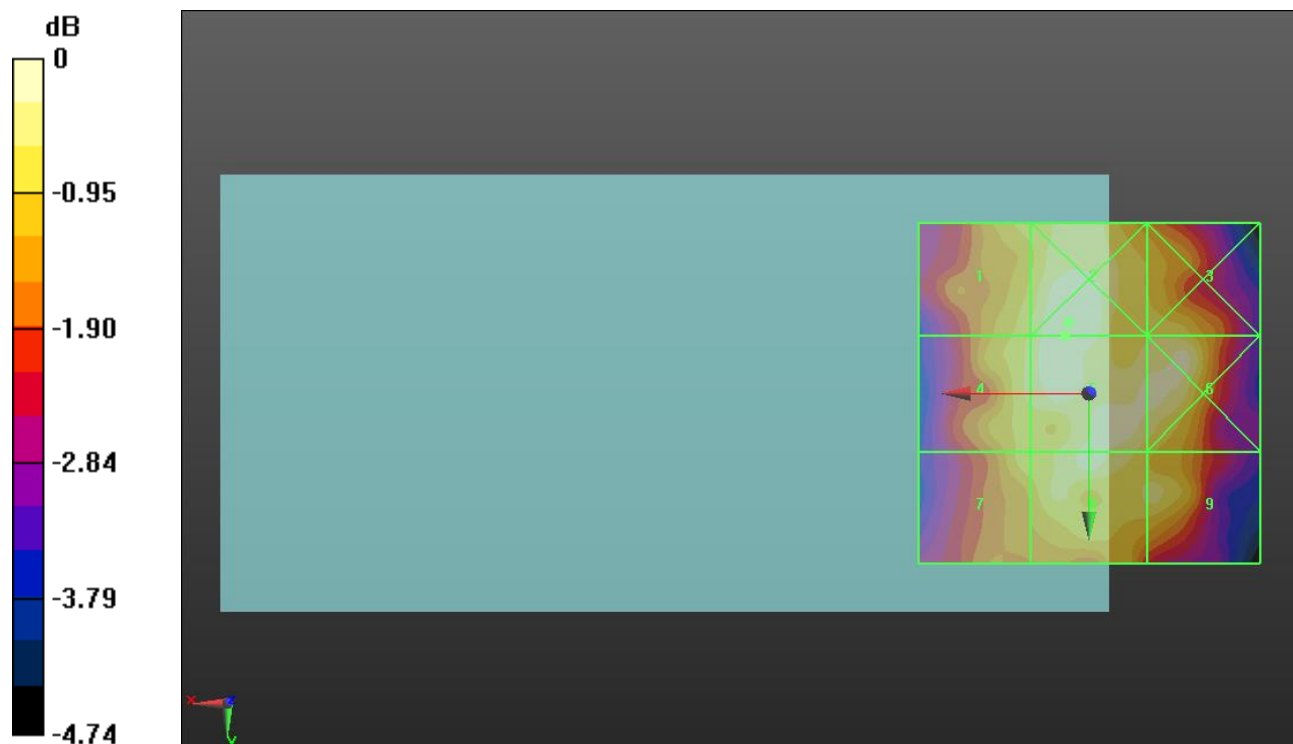
Applied MIF = 3.26 dB

RF audio interference level = 30.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.83 dBV/m	Grid 2 M4 30.41 dBV/m	Grid 3 M4 29.76 dBV/m
Grid 4 M4 29.93 dBV/m	Grid 5 M4 30.39 dBV/m	Grid 6 M4 30.27 dBV/m
Grid 7 M4 29.68 dBV/m	Grid 8 M4 30.28 dBV/m	Grid 9 M4 29.93 dBV/m



0 dB = 33.14 V/m = 30.41 dBV/m

HAC-RF Emission

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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 26.83 V/m; Power Drift = 1.05 dB

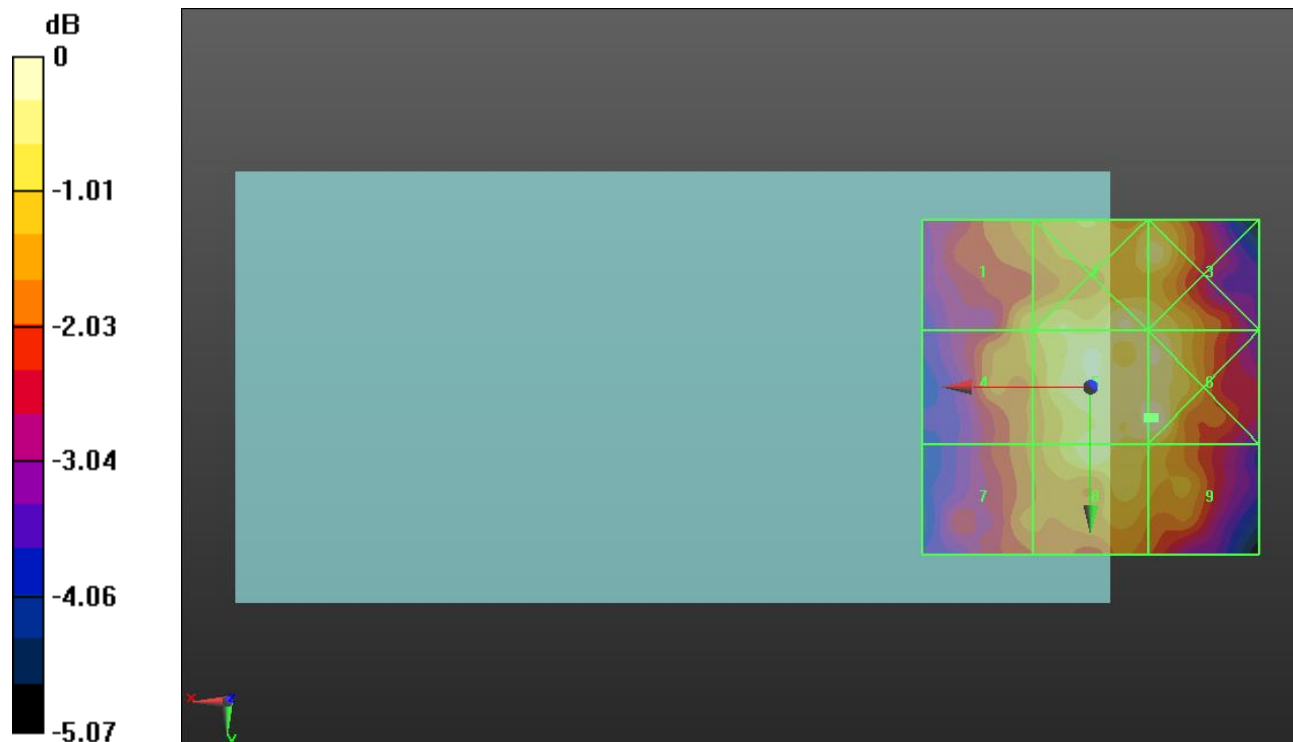
Applied MIF = 3.26 dB

RF audio interference level = 30.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.79 dBV/m	Grid 2 M4 30.56 dBV/m	Grid 3 M4 30.38 dBV/m
Grid 4 M4 29.79 dBV/m	Grid 5 M4 30.77 dBV/m	Grid 6 M4 30.85 dBV/m
Grid 7 M4 29.31 dBV/m	Grid 8 M4 30.5 dBV/m	Grid 9 M4 29.99 dBV/m



0 dB = 34.87 V/m = 30.85 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 14.05 V/m; Power Drift = 0.49 dB

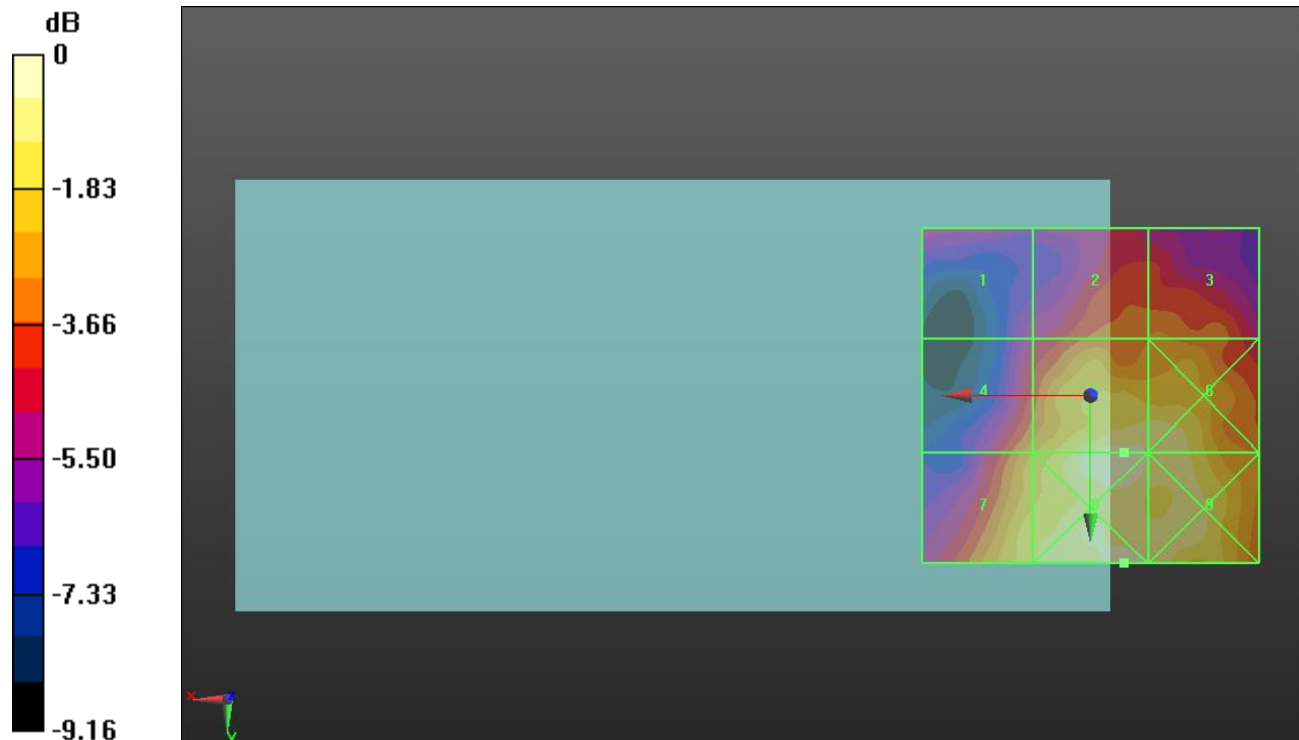
Applied MIF = 3.26 dB

RF audio interference level = 26.37 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.72 dBV/m	Grid 2 M4 23.58 dBV/m	Grid 3 M4 23.68 dBV/m
Grid 4 M4 24.17 dBV/m	Grid 5 M4 26.37 dBV/m	Grid 6 M4 26 dBV/m
Grid 7 M4 25.32 dBV/m	Grid 8 M4 26.63 dBV/m	Grid 9 M4 26.09 dBV/m



0 dB = 21.47 V/m = 26.64 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.7419

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 17.36 V/m; Power Drift = -0.29 dB

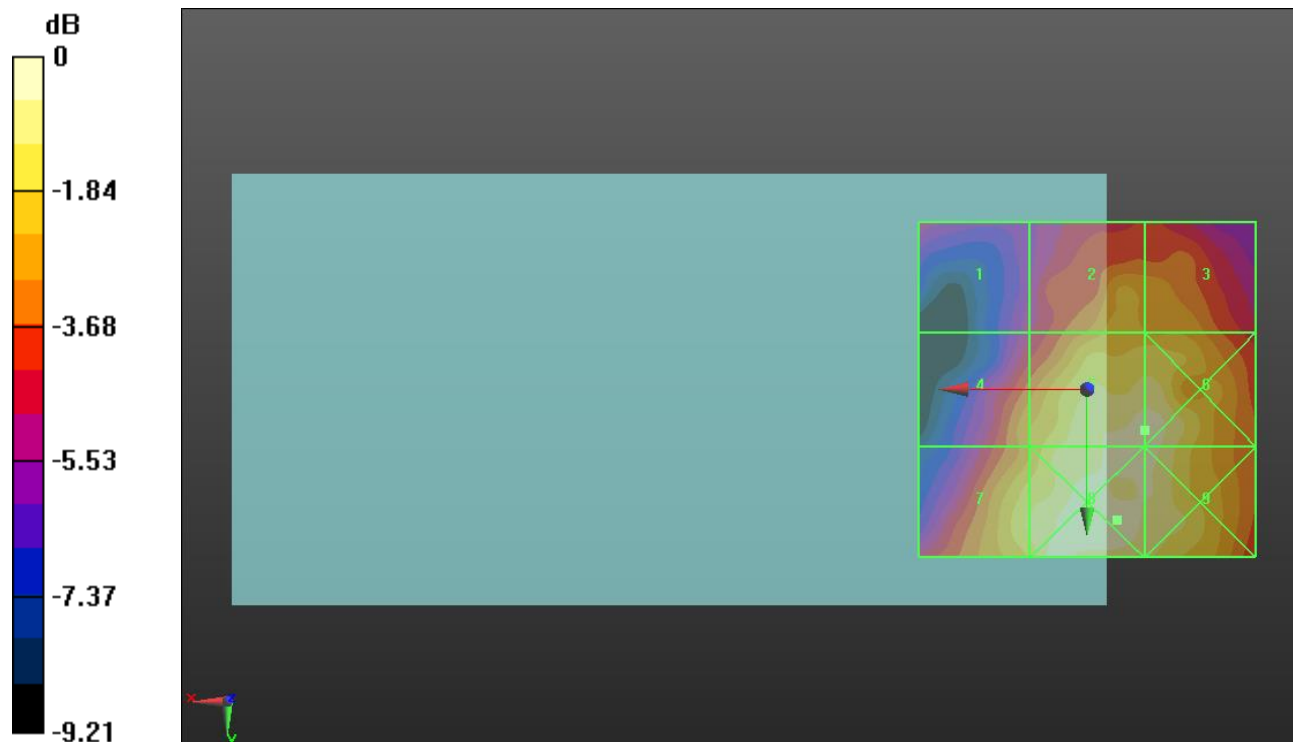
Applied MIF = 3.26 dB

RF audio interference level = 26.83 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.18 dBV/m	Grid 2 M4 25.09 dBV/m	Grid 3 M4 24.71 dBV/m
Grid 4 M4 24.66 dBV/m	Grid 5 M4 26.83 dBV/m	Grid 6 M4 26.84 dBV/m
Grid 7 M4 25.98 dBV/m	Grid 8 M4 27.1 dBV/m	Grid 9 M4 26.75 dBV/m



0 dB = 22.66 V/m = 27.11 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 15.24 V/m; Power Drift = -0.07 dB

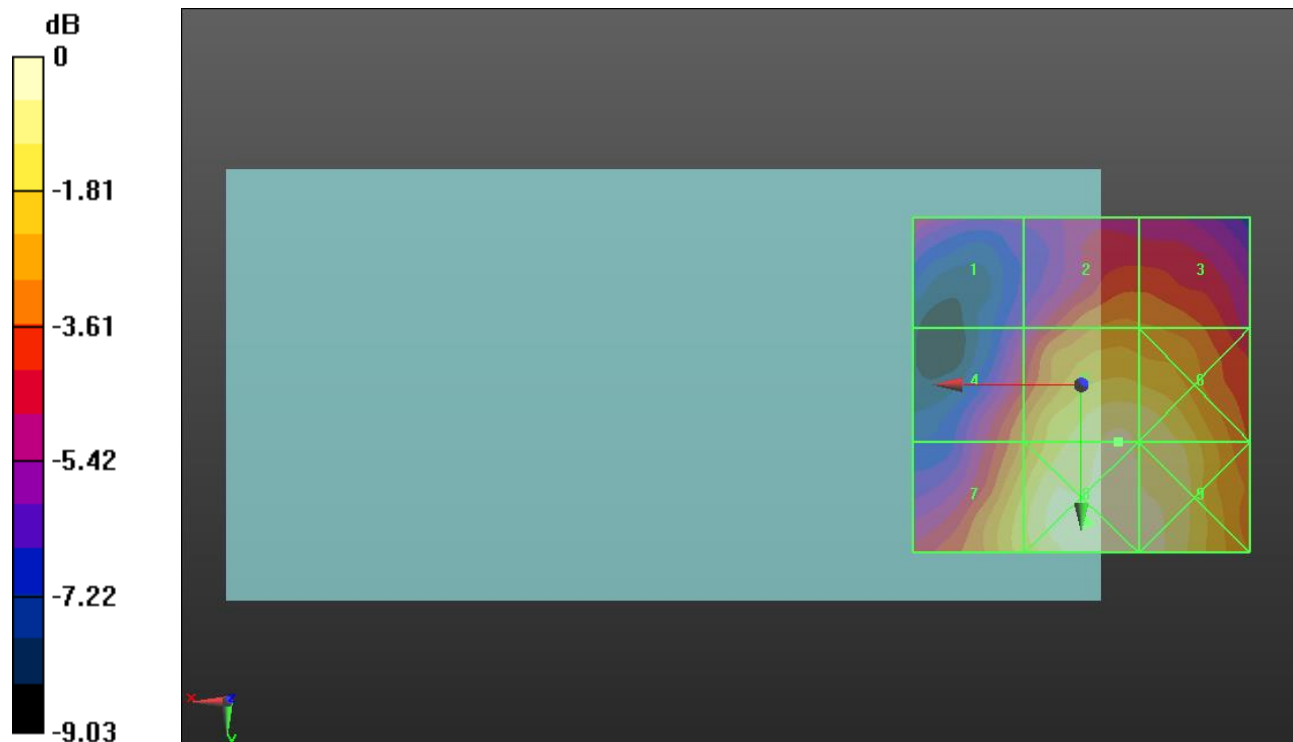
Applied MIF = 3.26 dB

RF audio interference level = 26.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.52 dBV/m	Grid 2 M4 24.25 dBV/m	Grid 3 M4 24.16 dBV/m
Grid 4 M4 24.25 dBV/m	Grid 5 M4 26.59 dBV/m	Grid 6 M4 26.33 dBV/m
Grid 7 M4 25.71 dBV/m	Grid 8 M4 27.04 dBV/m	Grid 9 M4 26.85 dBV/m



0 dB = 22.49 V/m = 27.04 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 28.83 V/m; Power Drift = -0.30 dB

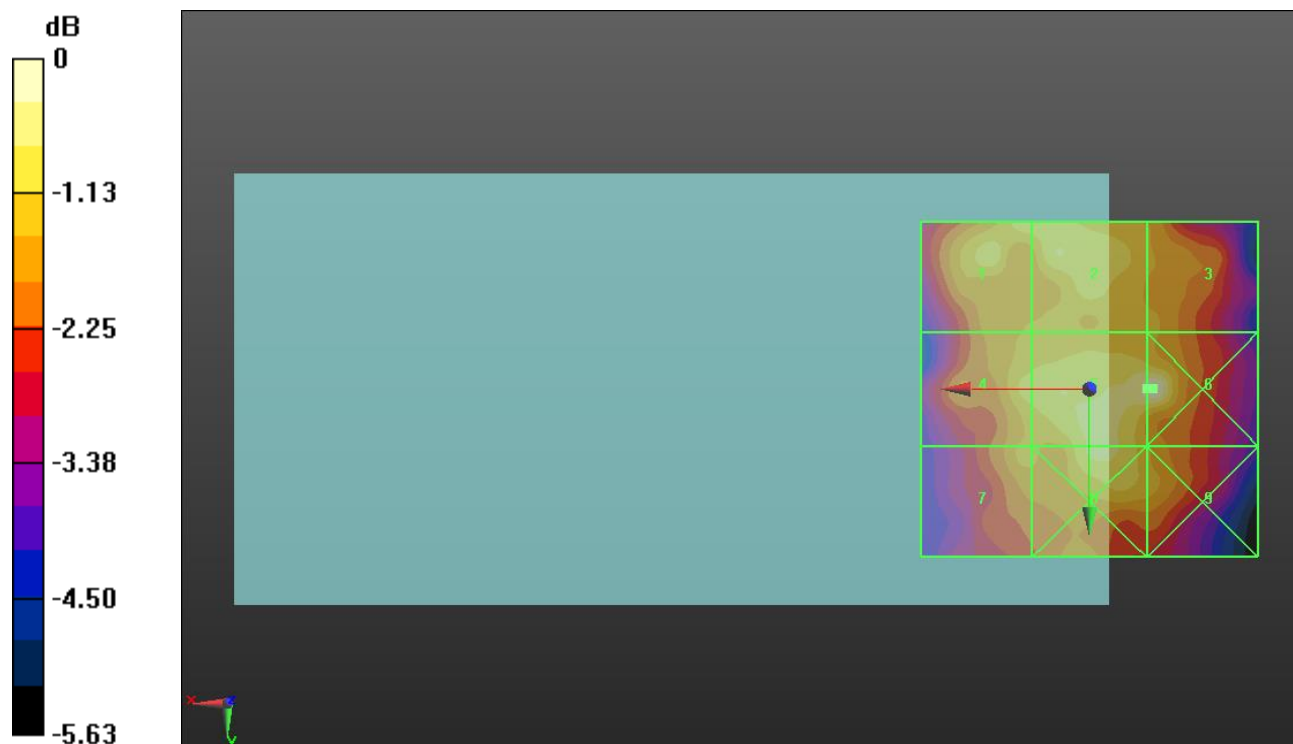
Applied MIF = 3.26 dB

RF audio interference level = 30.92 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.23 dBV/m	Grid 2 M4 30.3 dBV/m	Grid 3 M4 29.65 dBV/m
Grid 4 M4 30.11 dBV/m	Grid 5 M4 30.92 dBV/m	Grid 6 M4 31.03 dBV/m
Grid 7 M4 29.73 dBV/m	Grid 8 M4 30.4 dBV/m	Grid 9 M4 29.78 dBV/m



0 dB = 35.62 V/m = 31.03 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 29.29 V/m; Power Drift = 0.14 dB

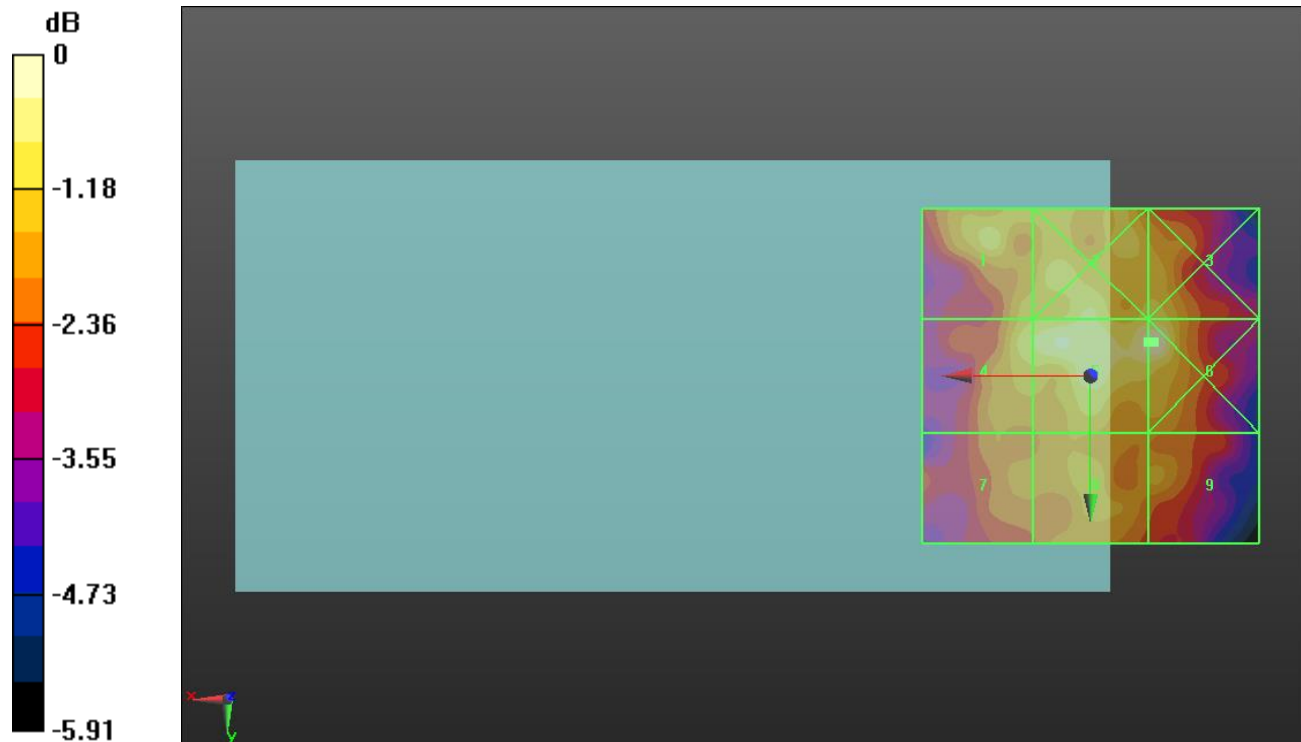
Applied MIF = 3.26 dB

RF audio interference level = 31.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 30.9 dBV/m	Grid 2 M4 31.11 dBV/m	Grid 3 M4 30.97 dBV/m
Grid 4 M4 31.07 dBV/m	Grid 5 M4 31.71 dBV/m	Grid 6 M4 31.82 dBV/m
Grid 7 M4 30.17 dBV/m	Grid 8 M4 30.58 dBV/m	Grid 9 M4 30.43 dBV/m



0 dB = 38.99 V/m = 31.82 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, 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 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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)

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 = 31.89 V/m; Power Drift = 0.14 dB

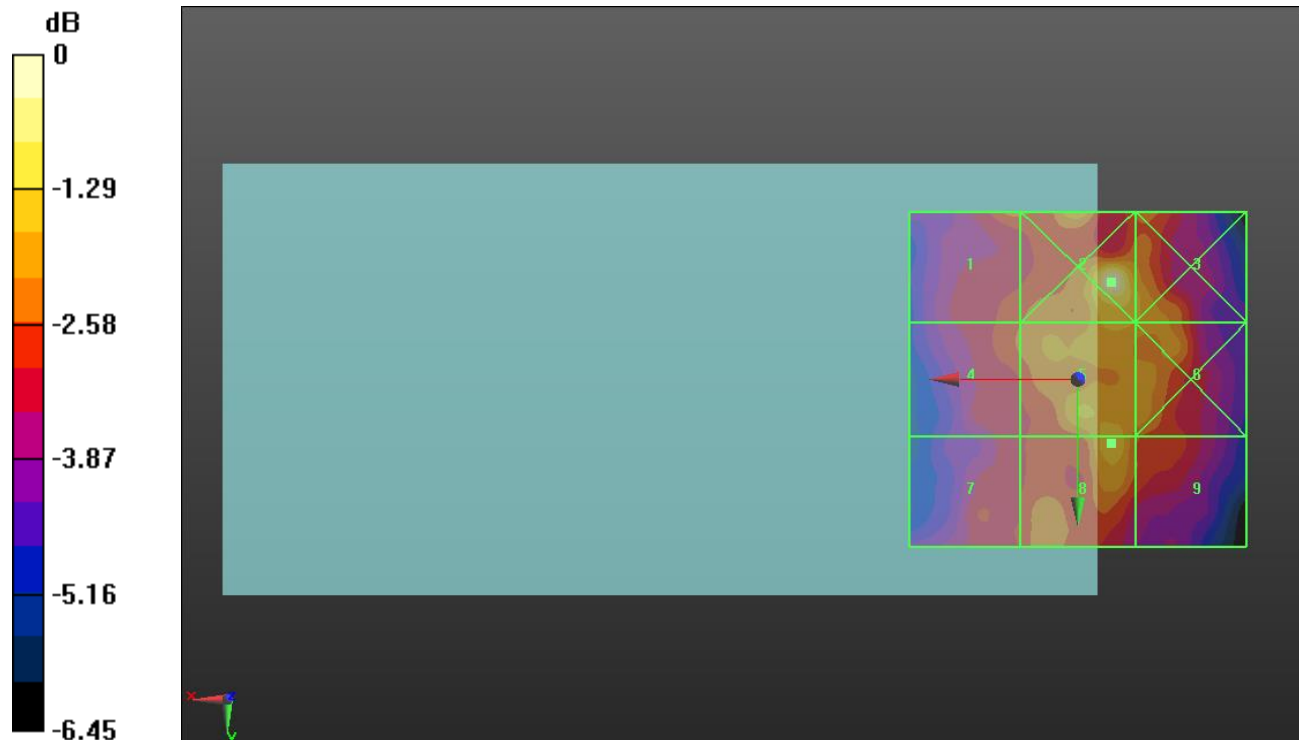
Applied MIF = 3.26 dB

RF audio interference level = 32.26 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.2 dBV/m	Grid 2 M4 33.54 dBV/m	Grid 3 M4 32.03 dBV/m
Grid 4 M4 31.05 dBV/m	Grid 5 M4 32.16 dBV/m	Grid 6 M4 31.83 dBV/m
Grid 7 M4 30.67 dBV/m	Grid 8 M4 32.26 dBV/m	Grid 9 M4 31.2 dBV/m



0 dB = 47.53 V/m = 33.54 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 17.23 V/m; Power Drift = -0.50 dB

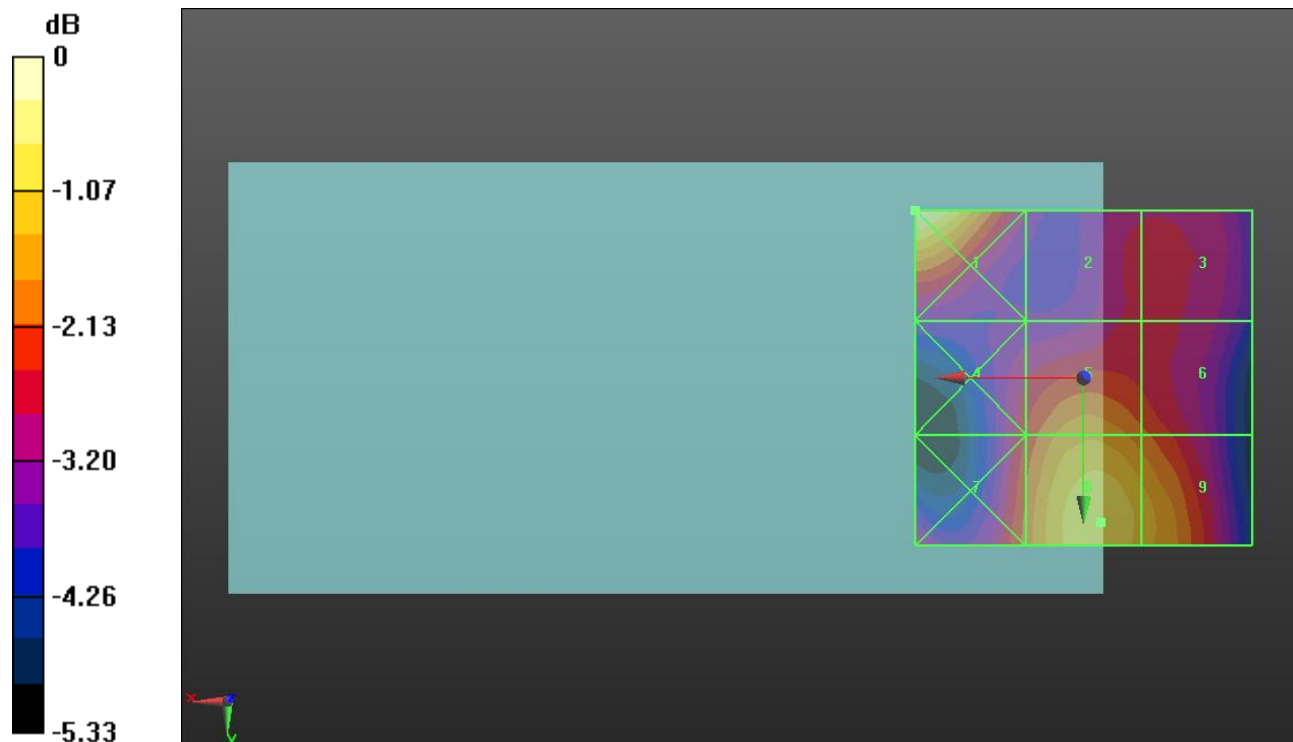
Applied MIF = -1.44 dB

RF audio interference level = 23.39 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.19 dBV/m	Grid 2 M4 21.48 dBV/m	Grid 3 M4 21.51 dBV/m
Grid 4 M4 21.77 dBV/m	Grid 5 M4 22.7 dBV/m	Grid 6 M4 22.21 dBV/m
Grid 7 M4 22.24 dBV/m	Grid 8 M4 23.39 dBV/m	Grid 9 M4 23.02 dBV/m



0 dB = 16.19 V/m = 24.18 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 12.78 V/m; Power Drift = 0.09 dB

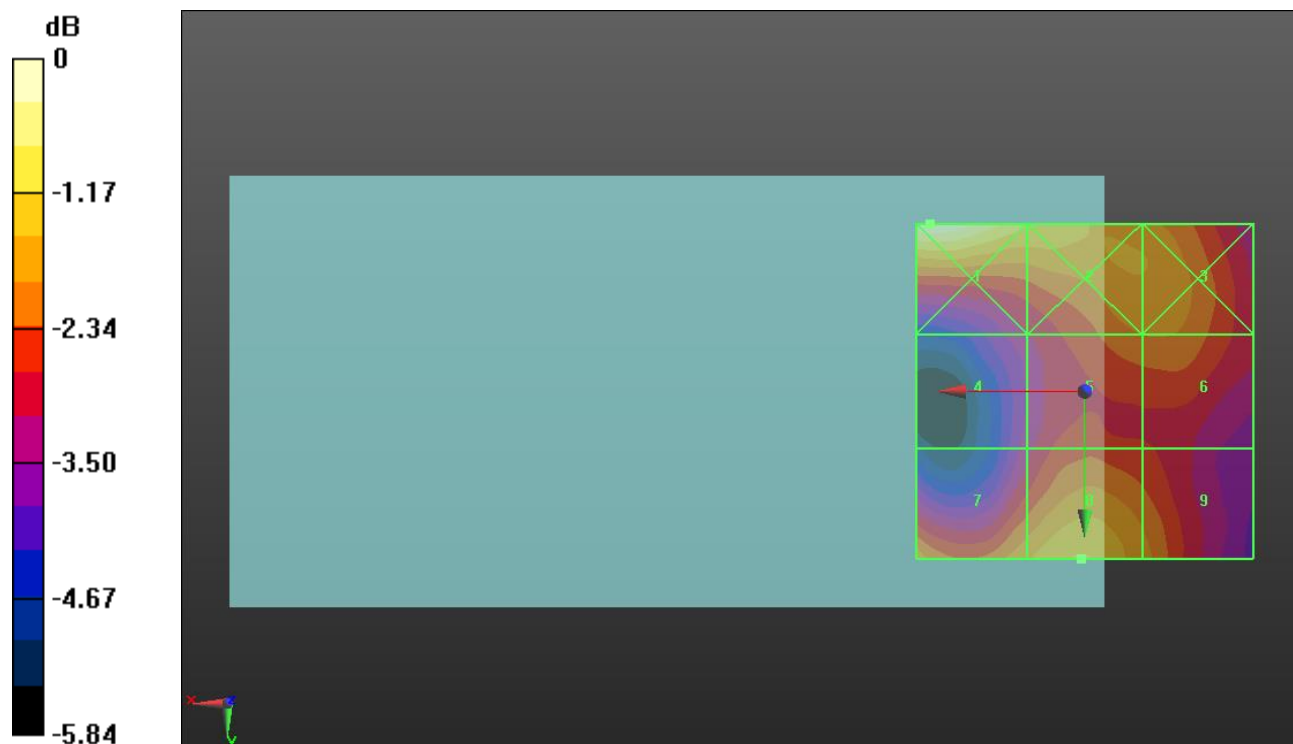
Applied MIF = -1.44 dB

RF audio interference level = 20.98 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.1 dBV/m	Grid 2 M4 21.01 dBV/m	Grid 3 M4 20.57 dBV/m
Grid 4 M4 18.97 dBV/m	Grid 5 M4 20.16 dBV/m	Grid 6 M4 20.19 dBV/m
Grid 7 M4 20.5 dBV/m	Grid 8 M4 20.98 dBV/m	Grid 9 M4 20.35 dBV/m



0 dB = 12.73 V/m = 22.10 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_ch 40620/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.71 V/m; Power Drift = 0.10 dB

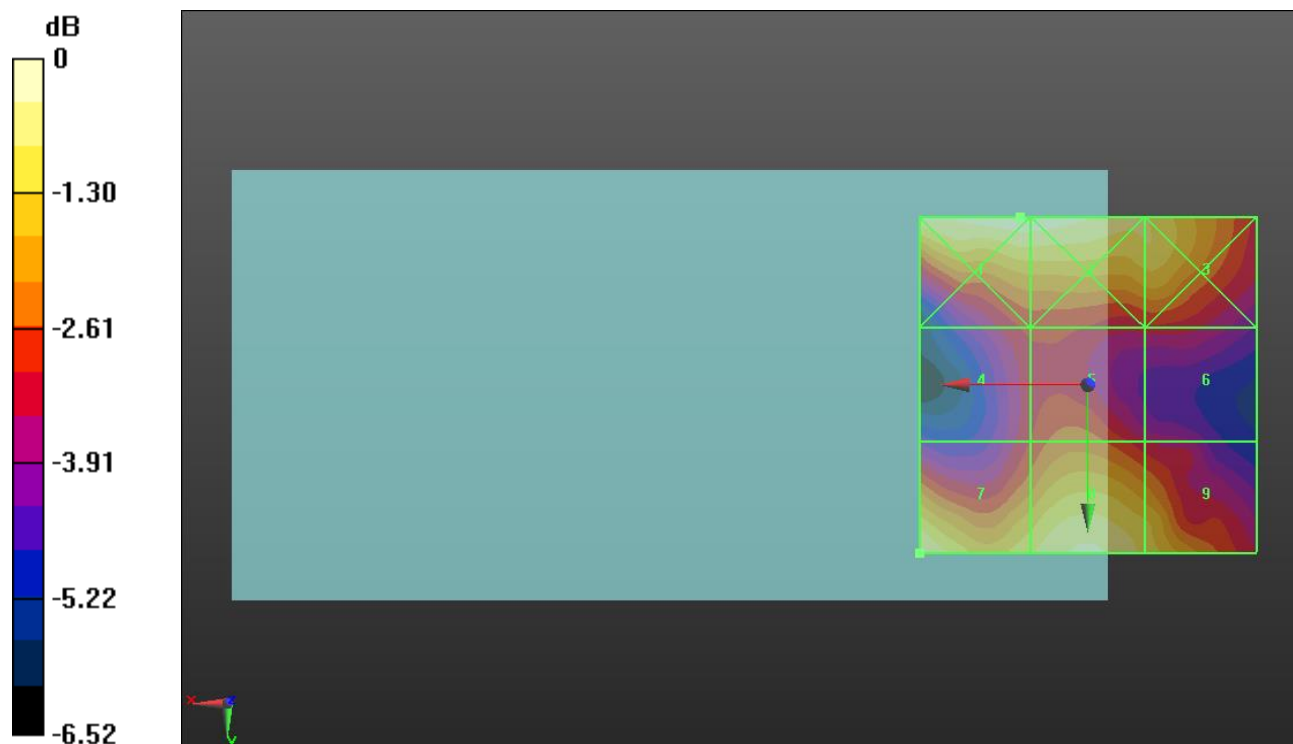
Applied MIF = -1.44 dB

RF audio interference level = 21.93 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.21 dBV/m	Grid 2 M4 22.18 dBV/m	Grid 3 M4 21.38 dBV/m
Grid 4 M4 19.31 dBV/m	Grid 5 M4 19.88 dBV/m	Grid 6 M4 19.07 dBV/m
Grid 7 M4 21.93 dBV/m	Grid 8 M4 21.88 dBV/m	Grid 9 M4 21.23 dBV/m



0 dB = 12.90 V/m = 22.21 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 14.39 V/m; Power Drift = 0.22 dB

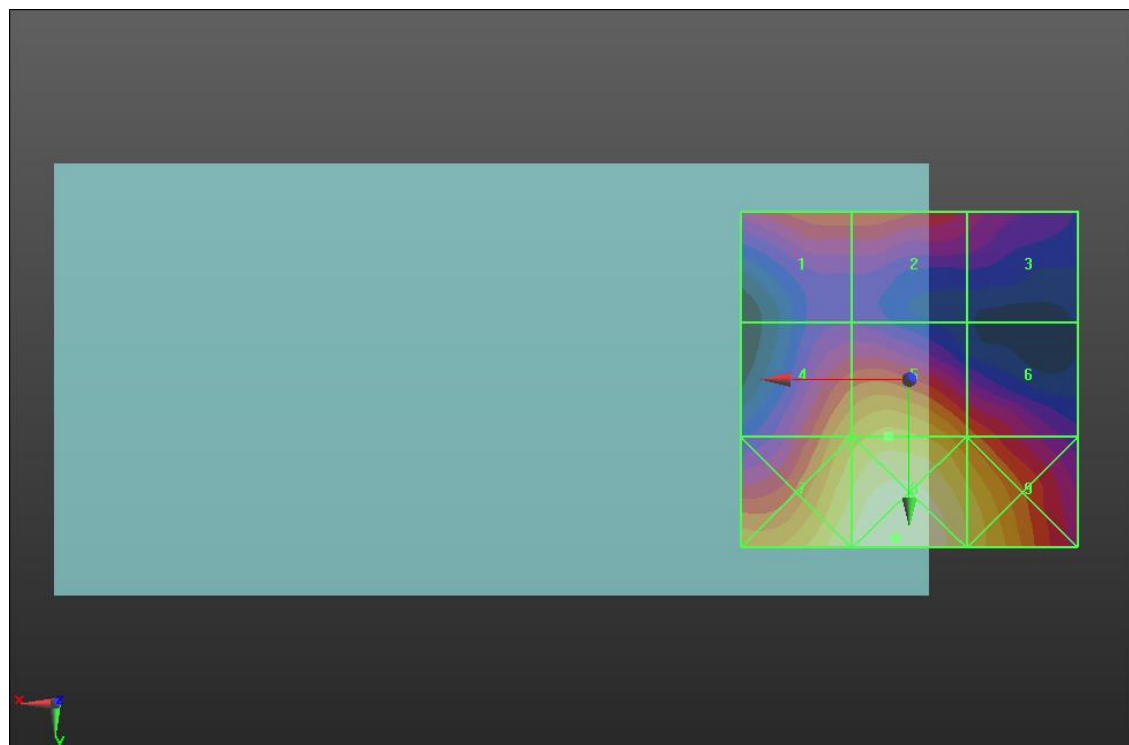
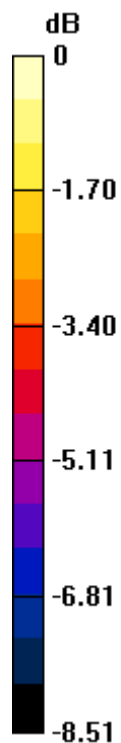
Applied MIF = -1.44 dB

RF audio interference level = 22.25 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.4 dBV/m	Grid 2 M4 20.41 dBV/m	Grid 3 M4 18.99 dBV/m
Grid 4 M4 21.67 dBV/m	Grid 5 M4 22.25 dBV/m	Grid 6 M4 20.75 dBV/m
Grid 7 M4 23.23 dBV/m	Grid 8 M4 23.71 dBV/m	Grid 9 M4 22.59 dBV/m



0 dB = 15.33 V/m = 23.71 dBV/m

HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2540; ConvF(1, 1, 1); Calibrated: 8/26/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1259; Calibrated: 1/14/2015
- 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_20 MHz BW E-Field measurement/RB1/0_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 = 15.01 V/m; Power Drift = 0.22 dB

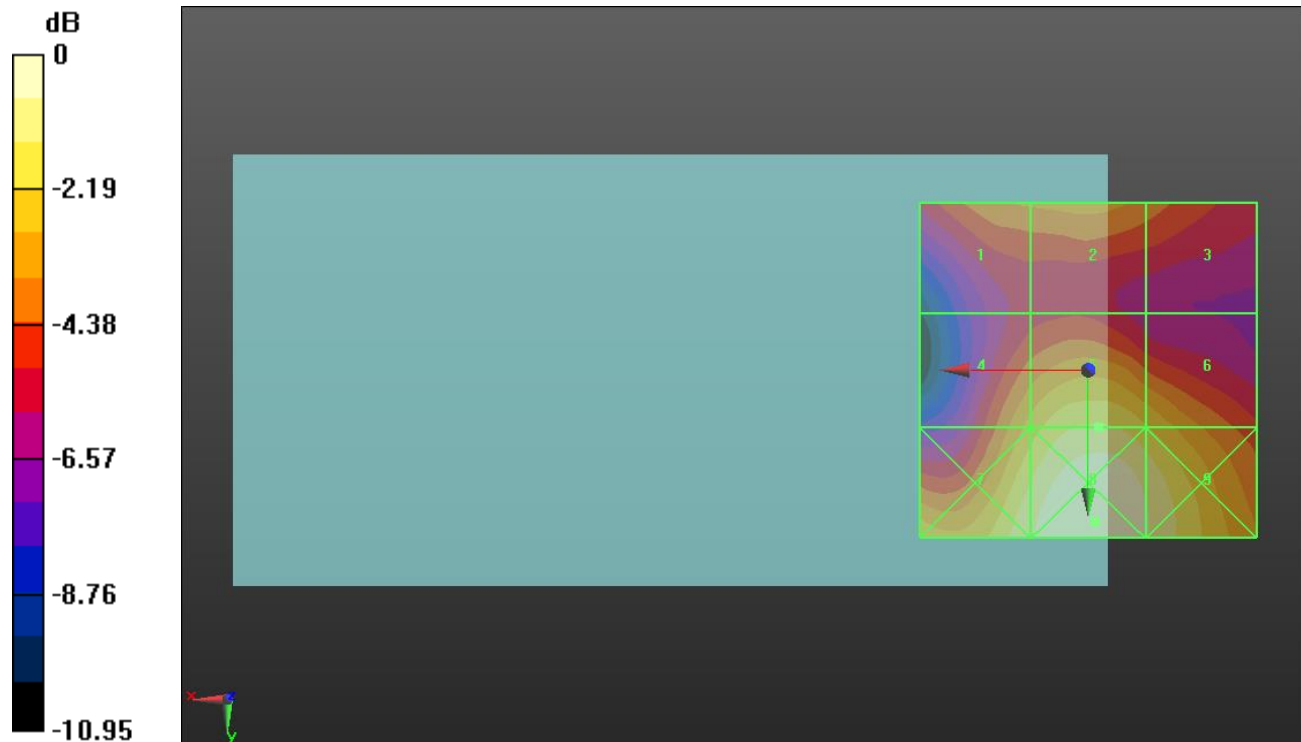
Applied MIF = -1.44 dB

RF audio interference level = 22.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.06 dBV/m	Grid 2 M4 20.25 dBV/m	Grid 3 M4 19.61 dBV/m
Grid 4 M4 20.96 dBV/m	Grid 5 M4 22.18 dBV/m	Grid 6 M4 21.45 dBV/m
Grid 7 M4 22.76 dBV/m	Grid 8 M4 23.54 dBV/m	Grid 9 M4 22.9 dBV/m



0 dB = 15.02 V/m = 23.53 dBV/m