

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 57.46 V/m; Power Drift = -0.01 dB

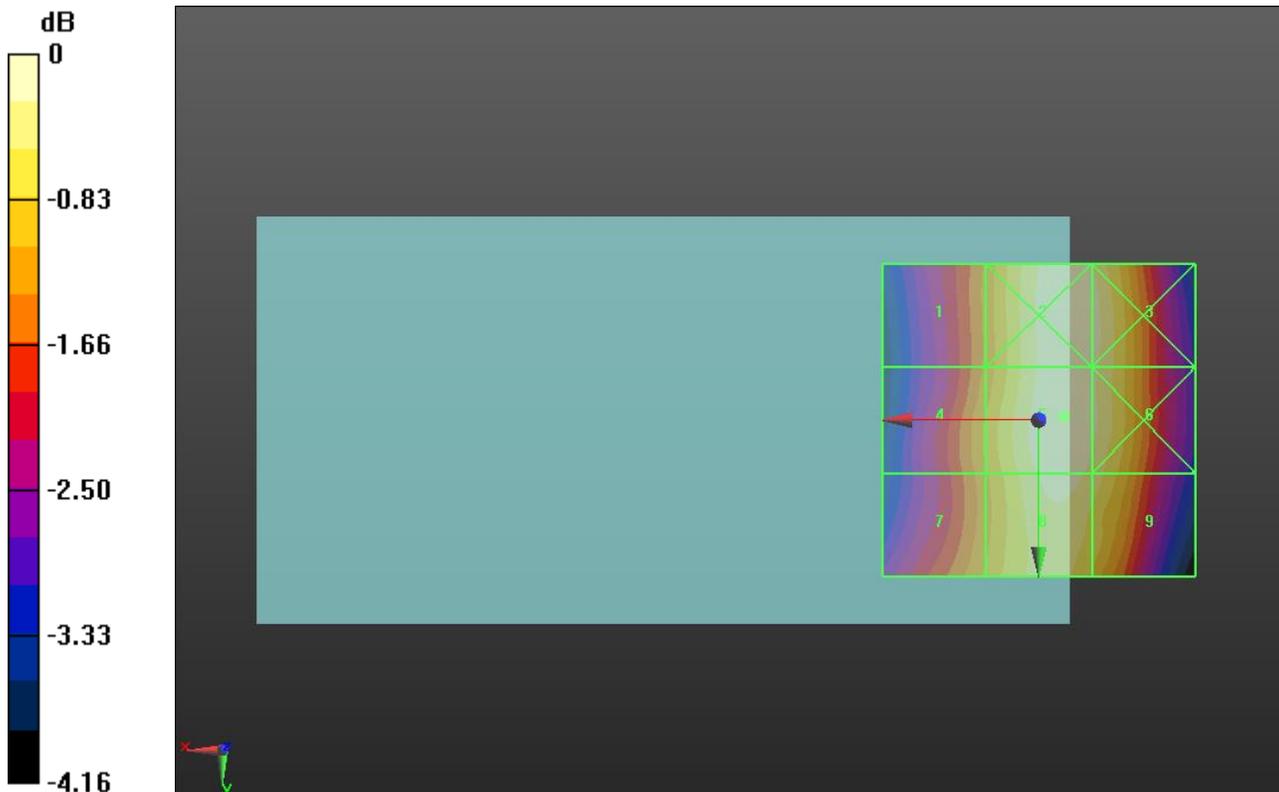
Applied MIF = 3.63 dB

RF audio interference level = 36.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 35.62 dBV/m	Grid 2 M4 36.89 dBV/m	Grid 3 M4 36.76 dBV/m
Grid 4 M4 35.85 dBV/m	Grid 5 M4 36.91 dBV/m	Grid 6 M4 36.73 dBV/m
Grid 7 M4 35.86 dBV/m	Grid 8 M4 36.76 dBV/m	Grid 9 M4 36.54 dBV/m



0 dB = 70.03 V/m = 36.91 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 52.43 V/m; Power Drift = -0.01 dB

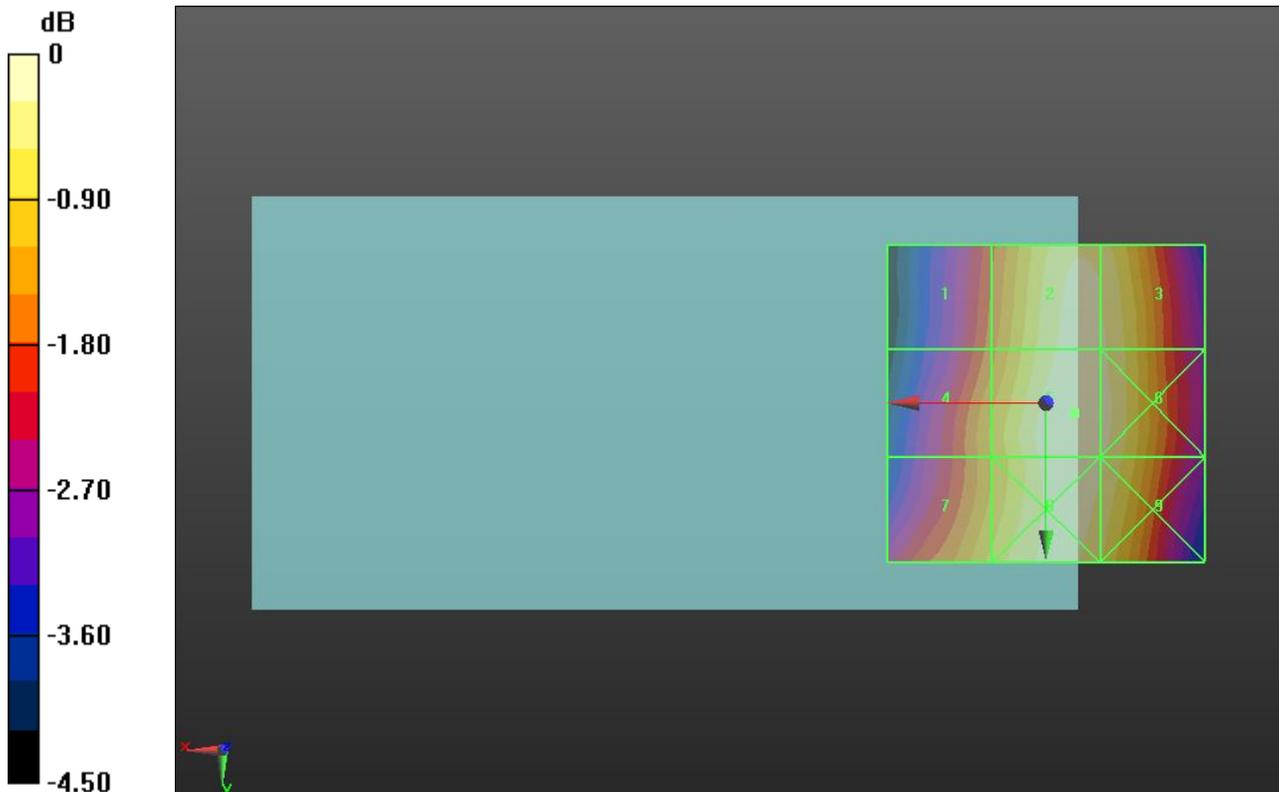
Applied MIF = 3.63 dB

RF audio interference level = 36.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.59 dBV/m	Grid 2 M4 36.05 dBV/m	Grid 3 M4 35.97 dBV/m
Grid 4 M4 35.06 dBV/m	Grid 5 M4 36.18 dBV/m	Grid 6 M4 36.05 dBV/m
Grid 7 M4 35.38 dBV/m	Grid 8 M4 36.13 dBV/m	Grid 9 M4 35.96 dBV/m



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

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM850 E-Field measurement/Voice_ch 251/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.79 V/m; Power Drift = 0.00 dB

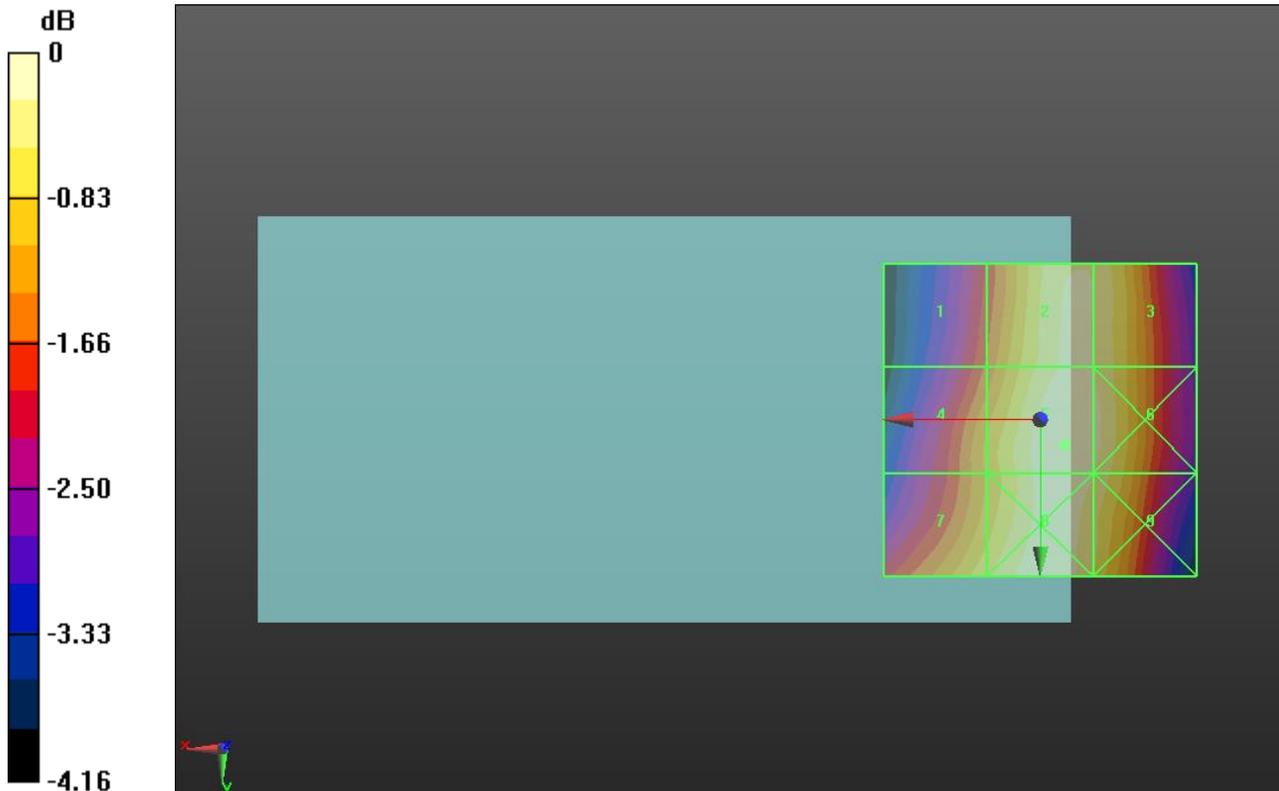
Applied MIF = 3.63 dB

RF audio interference level = 36.07 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.48 dBV/m	Grid 2 M4 35.88 dBV/m	Grid 3 M4 35.81 dBV/m
Grid 4 M4 35.05 dBV/m	Grid 5 M4 36.07 dBV/m	Grid 6 M4 35.9 dBV/m
Grid 7 M4 35.48 dBV/m	Grid 8 M4 36 dBV/m	Grid 9 M4 35.8 dBV/m



0 dB = 63.62 V/m = 36.07 dBV/m

HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.03 V/m; Power Drift = 0.04 dB

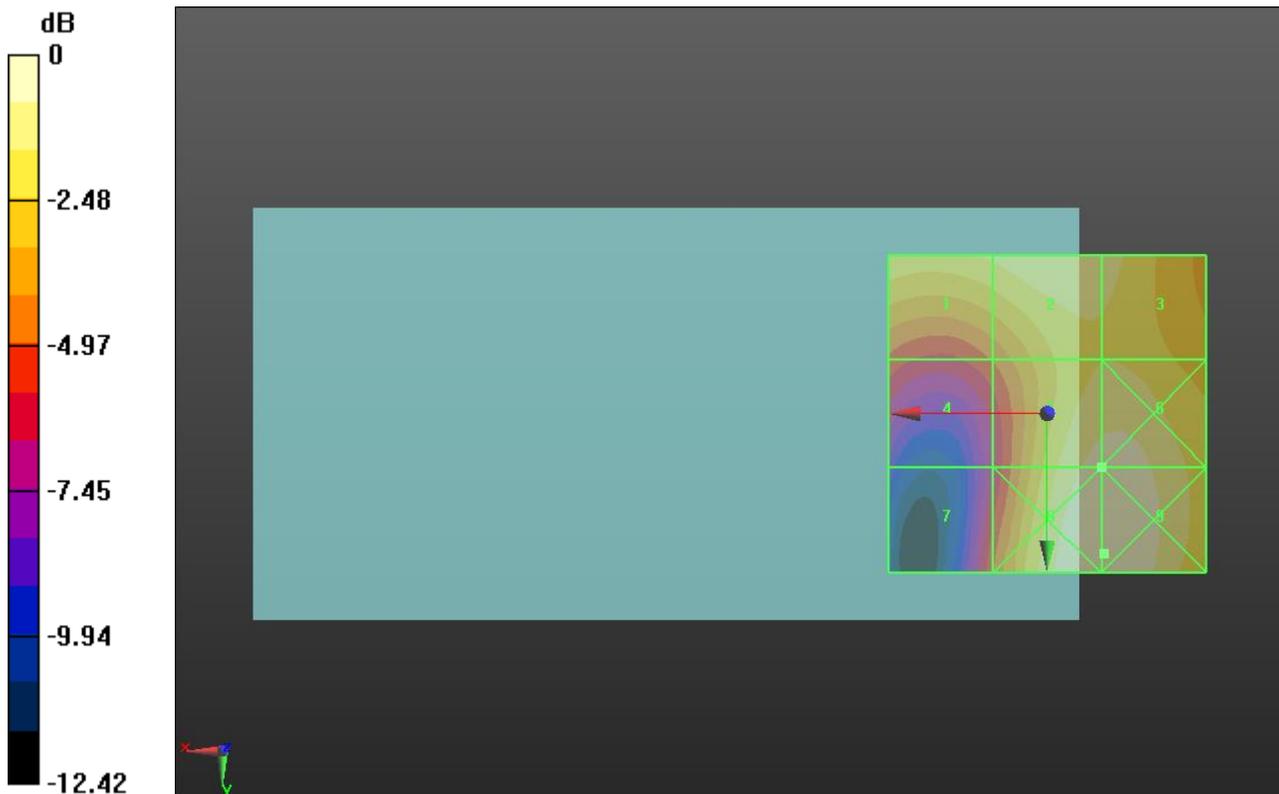
Applied MIF = 3.63 dB

RF audio interference level = 31.80 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 30.81 dBV/m	Grid 2 M3 31.4 dBV/m	Grid 3 M3 31.05 dBV/m
Grid 4 M4 27.42 dBV/m	Grid 5 M3 31.8 dBV/m	Grid 6 M3 31.88 dBV/m
Grid 7 M4 27.33 dBV/m	Grid 8 M3 32.26 dBV/m	Grid 9 M3 32.26 dBV/m



0 dB = 41.04 V/m = 32.26 dBV/m

HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 24.25 V/m; Power Drift = 0.13 dB

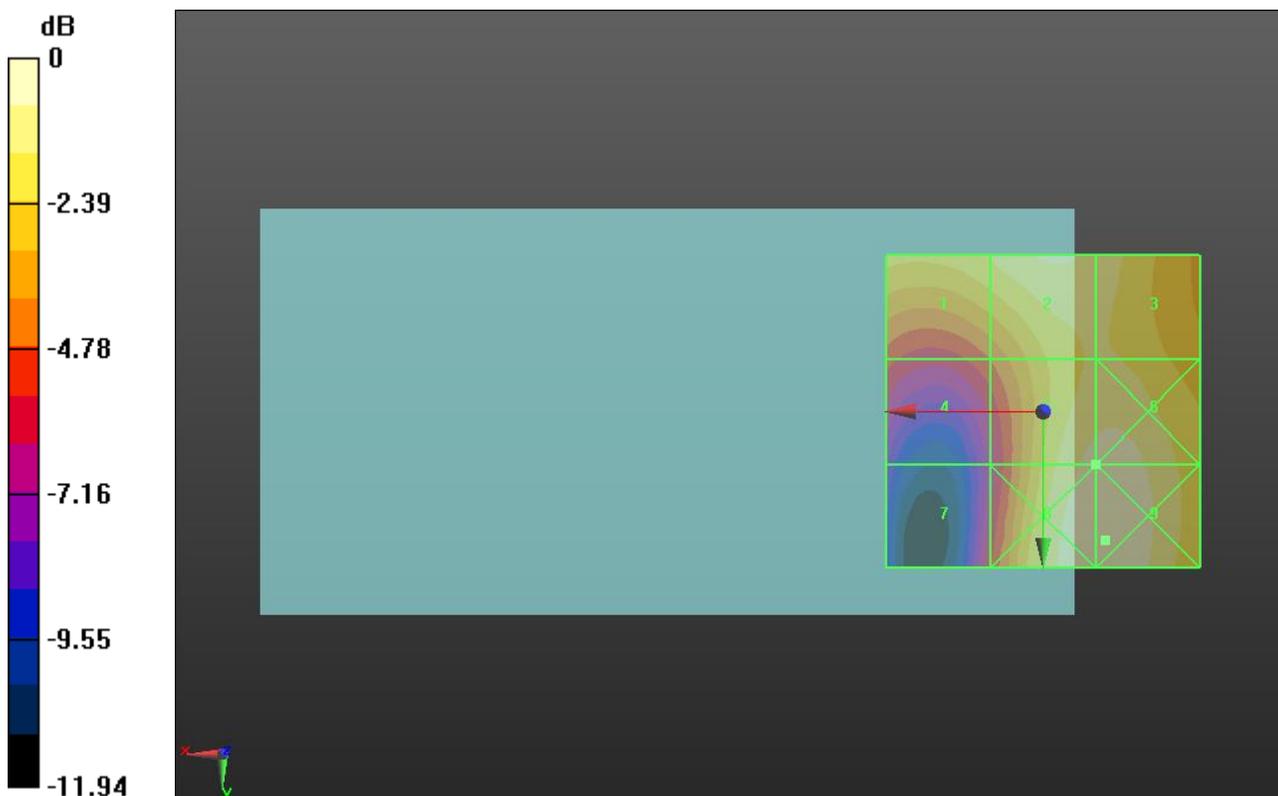
Applied MIF = 3.63 dB

RF audio interference level = 31.48 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 30.48 dBV/m	Grid 2 M3 31.28 dBV/m	Grid 3 M3 30.91 dBV/m
Grid 4 M4 27.25 dBV/m	Grid 5 M3 31.48 dBV/m	Grid 6 M3 31.57 dBV/m
Grid 7 M4 26.38 dBV/m	Grid 8 M3 31.92 dBV/m	Grid 9 M3 31.96 dBV/m



0 dB = 39.62 V/m = 31.96 dBV/m

HAC-RF Emission

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 24.19 V/m; Power Drift = -0.04 dB

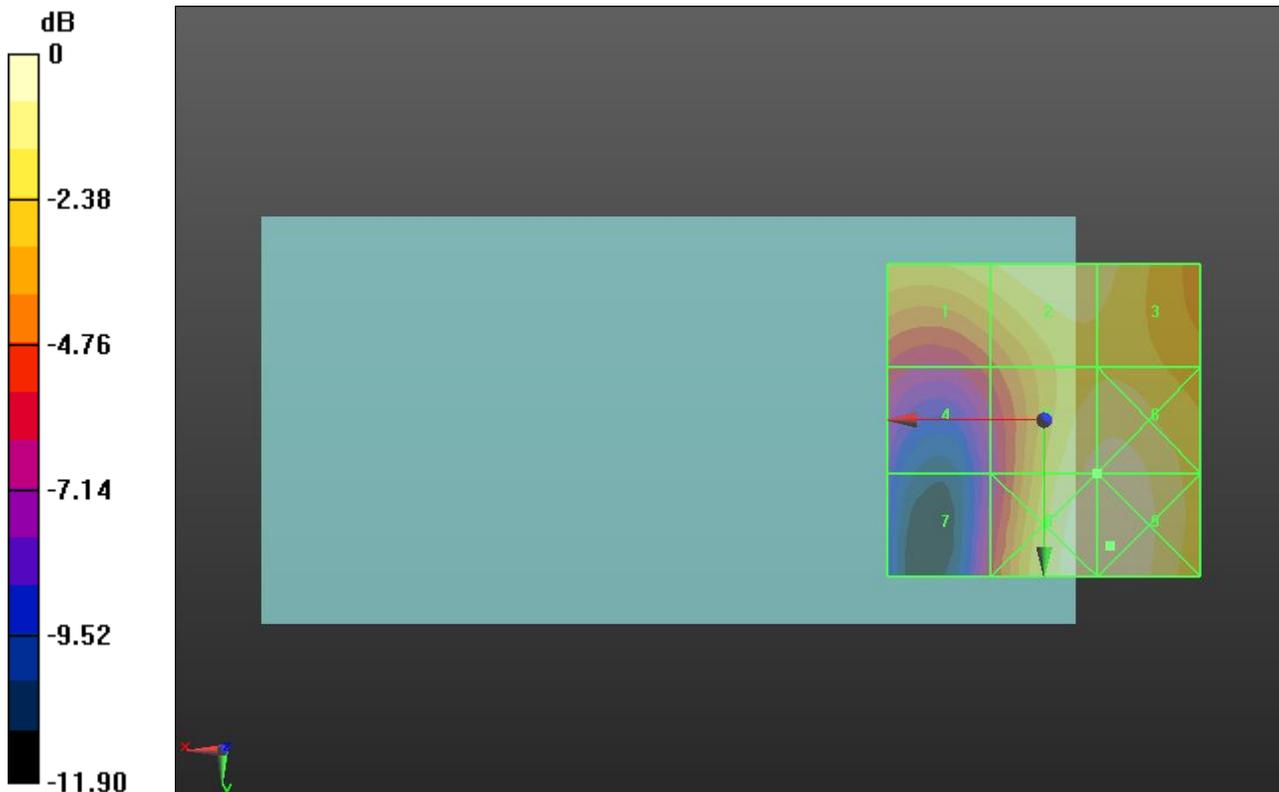
Applied MIF = 3.63 dB

RF audio interference level = 31.52 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 30.33 dBV/m	Grid 2 M3 31.18 dBV/m	Grid 3 M3 30.86 dBV/m
Grid 4 M4 26.98 dBV/m	Grid 5 M3 31.52 dBV/m	Grid 6 M3 31.63 dBV/m
Grid 7 M4 26.38 dBV/m	Grid 8 M3 31.97 dBV/m	Grid 9 M3 32.01 dBV/m



0 dB = 39.87 V/m = 32.01 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 23.88 V/m; Power Drift = 0.12 dB

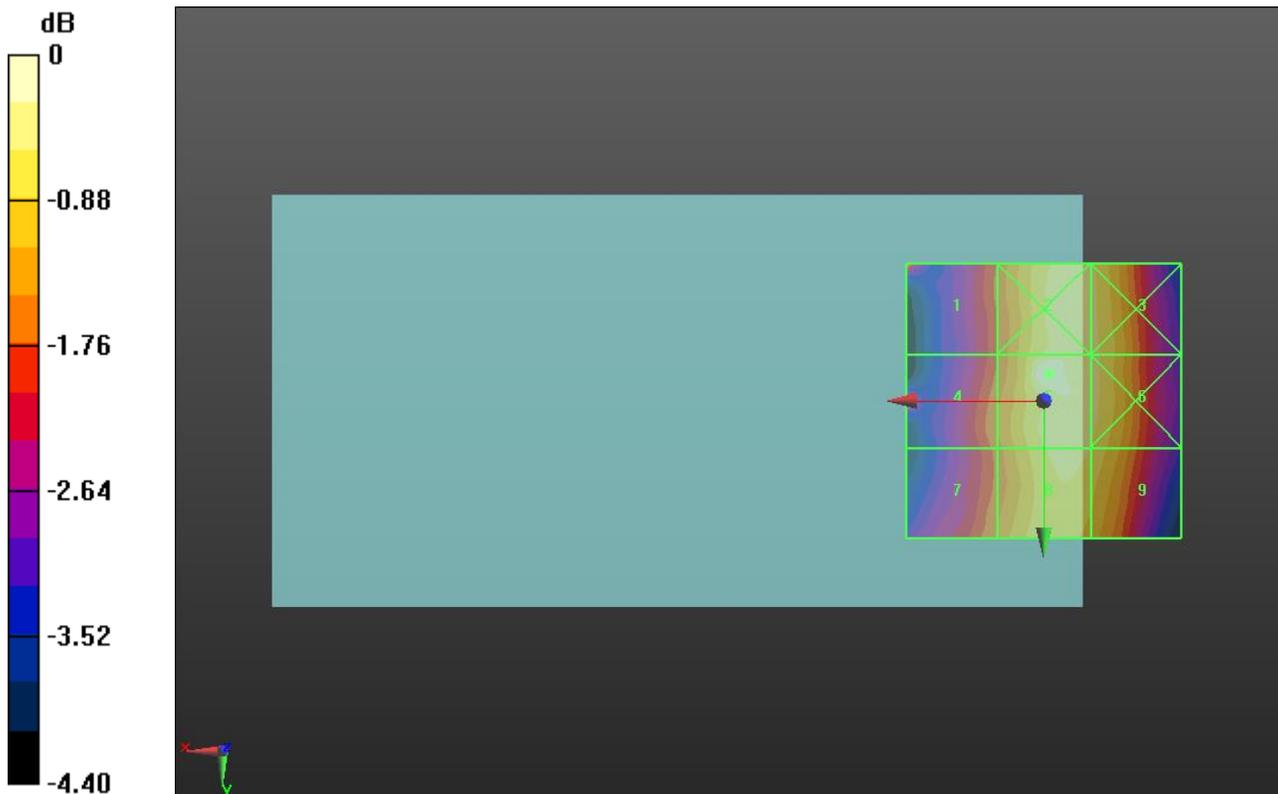
Applied MIF = 3.26 dB

RF audio interference level = 29.43 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.91 dBV/m	Grid 2 M4 29.08 dBV/m	Grid 3 M4 28.96 dBV/m
Grid 4 M4 27.97 dBV/m	Grid 5 M4 29.43 dBV/m	Grid 6 M4 28.98 dBV/m
Grid 7 M4 28.02 dBV/m	Grid 8 M4 28.99 dBV/m	Grid 9 M4 28.83 dBV/m



0 dB = 29.60 V/m = 29.43 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 22.63 V/m; Power Drift = 0.11 dB

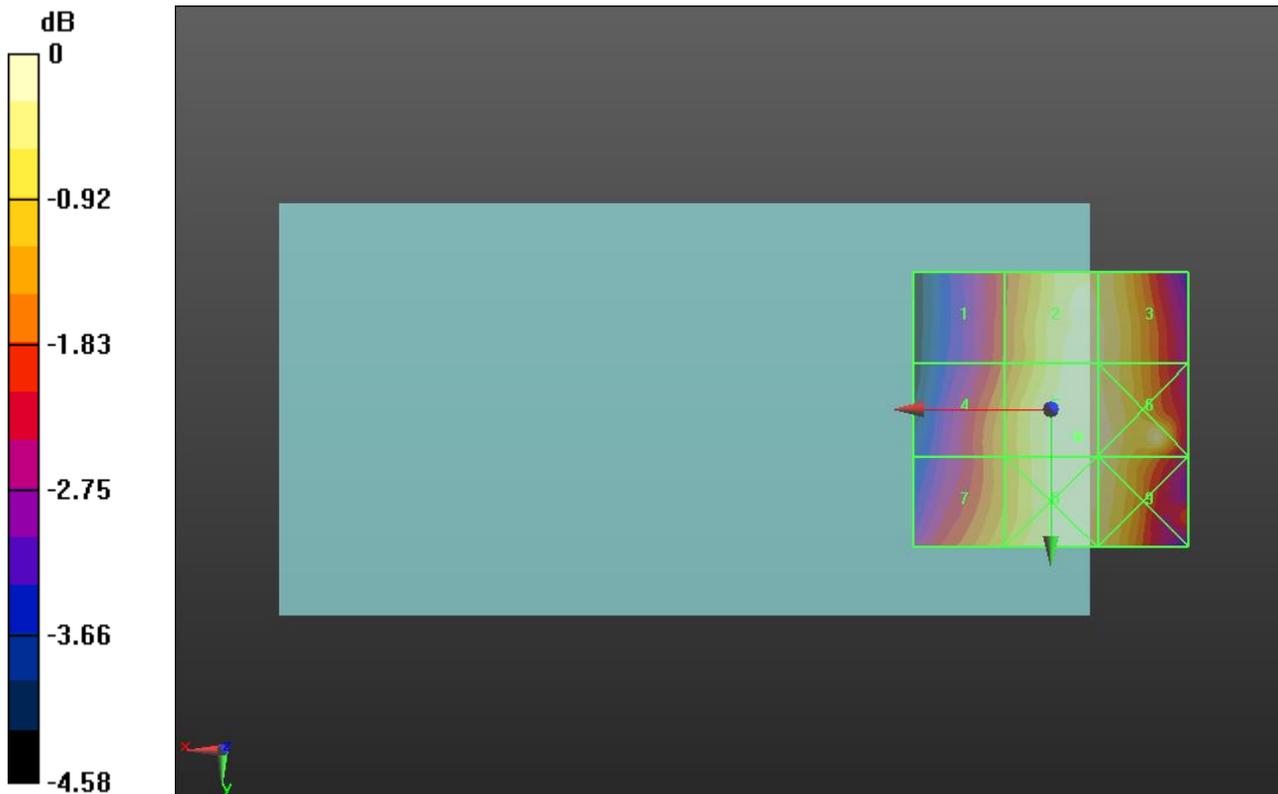
Applied MIF = 3.26 dB

RF audio interference level = 28.64 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.88 dBV/m	Grid 2 M4 28.51 dBV/m	Grid 3 M4 28.42 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 28.64 dBV/m	Grid 6 M4 28.56 dBV/m
Grid 7 M4 27.76 dBV/m	Grid 8 M4 28.58 dBV/m	Grid 9 M4 28.48 dBV/m



0 dB = 27.04 V/m = 28.64 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 21.23 V/m; Power Drift = 0.06 dB

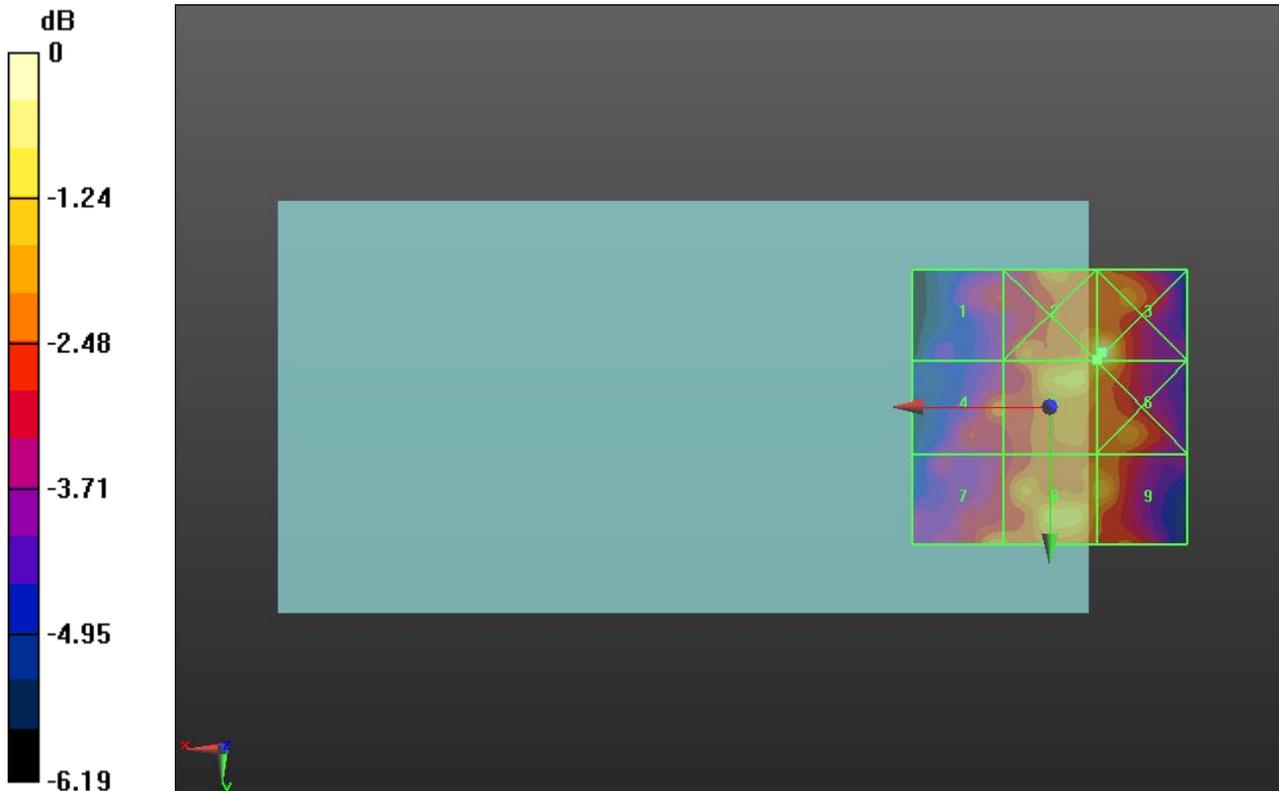
Applied MIF = 3.26 dB

RF audio interference level = 29.32 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.17 dBV/m	Grid 2 M4 29.64 dBV/m	Grid 3 M4 30.02 dBV/m
Grid 4 M4 27.76 dBV/m	Grid 5 M4 29.32 dBV/m	Grid 6 M4 29.53 dBV/m
Grid 7 M4 28.38 dBV/m	Grid 8 M4 29.03 dBV/m	Grid 9 M4 28.68 dBV/m



0 dB = 31.70 V/m = 30.02 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 14.37 V/m; Power Drift = 0.05 dB

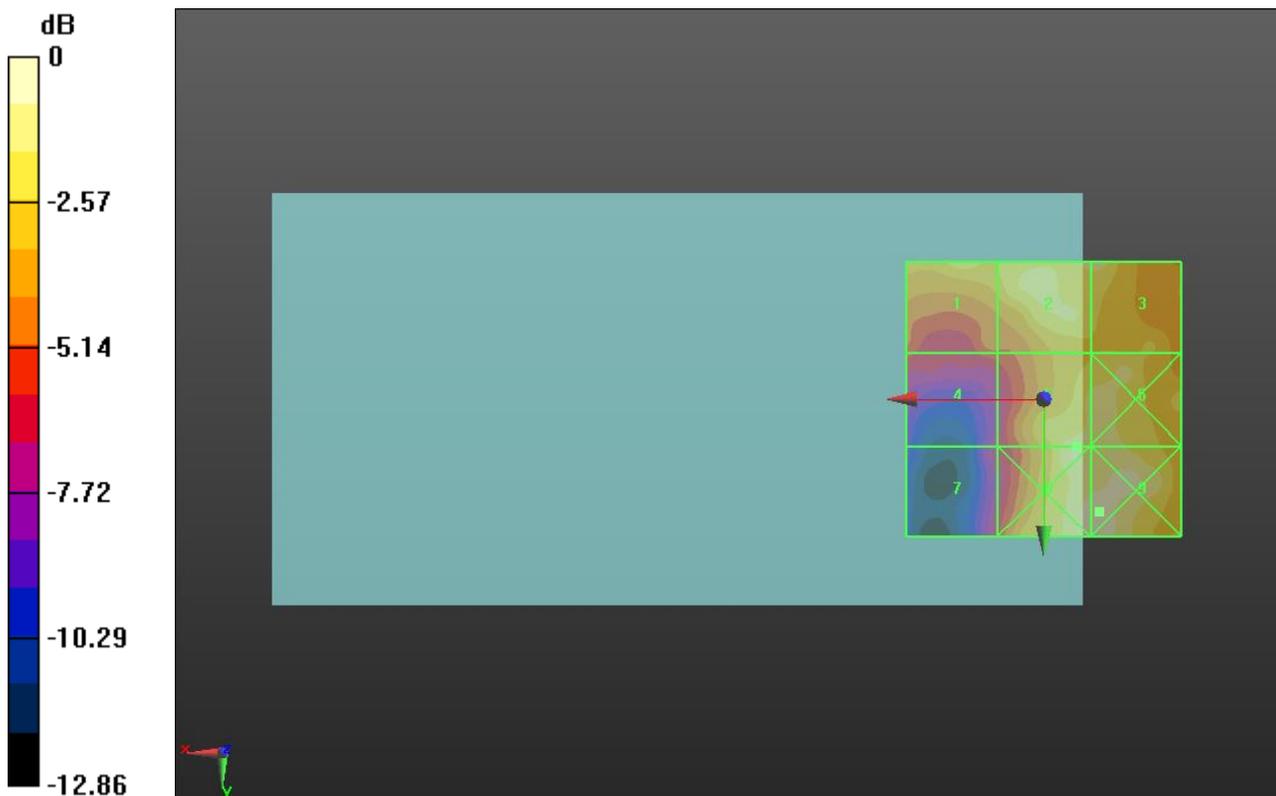
Applied MIF = 3.26 dB

RF audio interference level = 27.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.16 dBV/m	Grid 2 M4 26.9 dBV/m	Grid 3 M4 26.95 dBV/m
Grid 4 M4 22.8 dBV/m	Grid 5 M4 27.02 dBV/m	Grid 6 M4 27.16 dBV/m
Grid 7 M4 21.79 dBV/m	Grid 8 M4 27.83 dBV/m	Grid 9 M4 28.08 dBV/m



0 dB = 25.35 V/m = 28.08 dBV/m

HAC-RF Emission

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_ch 600/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.94 V/m; Power Drift = 0.07 dB

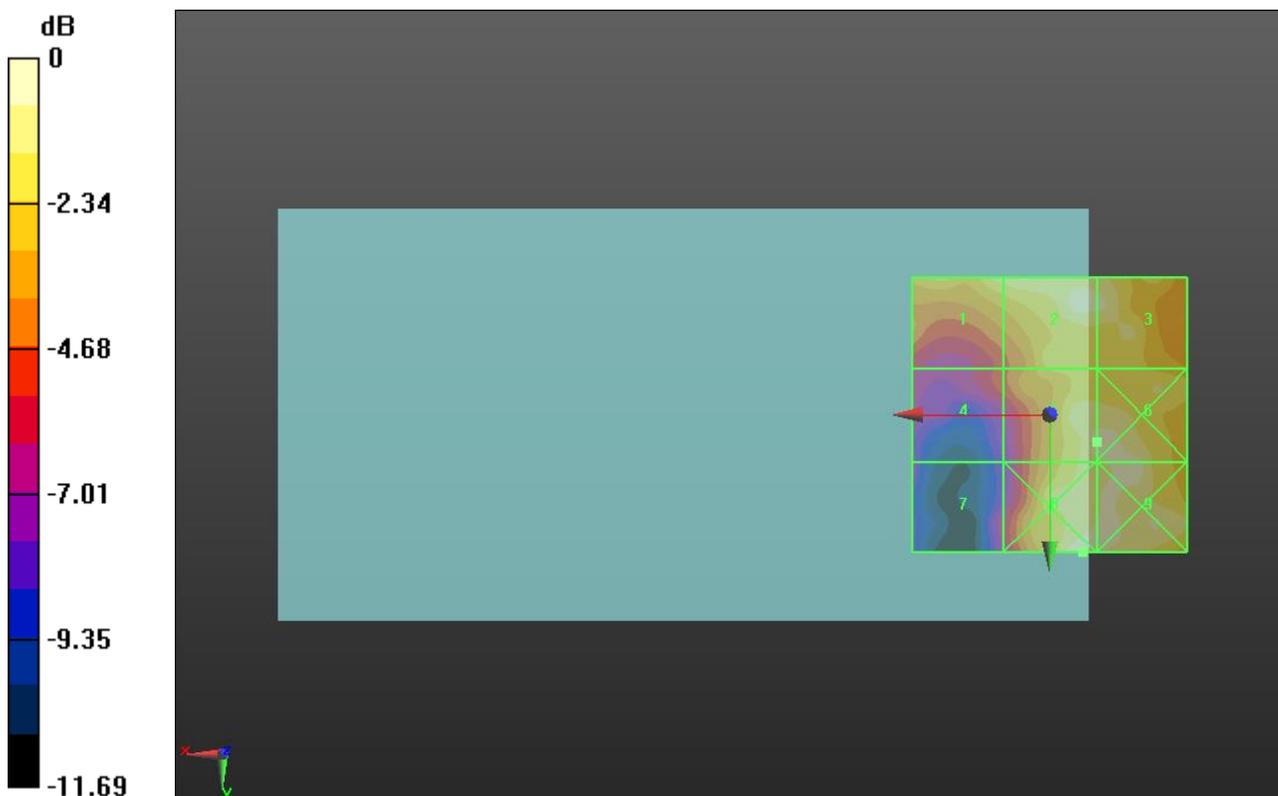
Applied MIF = 3.26 dB

RF audio interference level = 27.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.48 dBV/m	Grid 2 M4 27 dBV/m	Grid 3 M4 26.84 dBV/m
Grid 4 M4 22.58 dBV/m	Grid 5 M4 27.08 dBV/m	Grid 6 M4 27.4 dBV/m
Grid 7 M4 21.18 dBV/m	Grid 8 M4 27.47 dBV/m	Grid 9 M4 27.45 dBV/m



0 dB = 23.62 V/m = 27.47 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 13.64 V/m; Power Drift = 0.99 dB

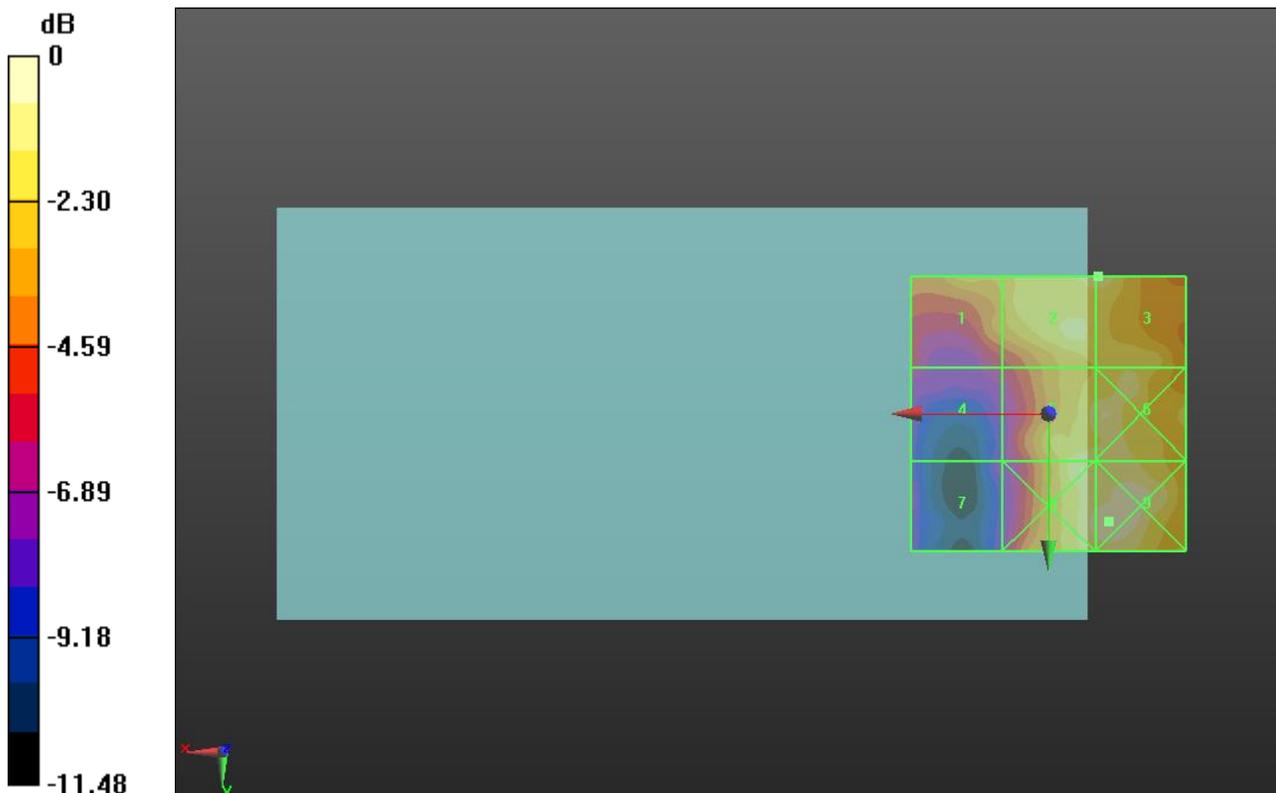
Applied MIF = 3.26 dB

RF audio interference level = 26.88 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 25.18 dBV/m	Grid 2 M4 26.84 dBV/m	Grid 3 M4 26.88 dBV/m
Grid 4 M4 21.87 dBV/m	Grid 5 M4 26.66 dBV/m	Grid 6 M4 26.96 dBV/m
Grid 7 M4 20.86 dBV/m	Grid 8 M4 27.28 dBV/m	Grid 9 M4 27.67 dBV/m



0 dB = 24.19 V/m = 27.67 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 23.12 V/m; Power Drift = 0.04 dB

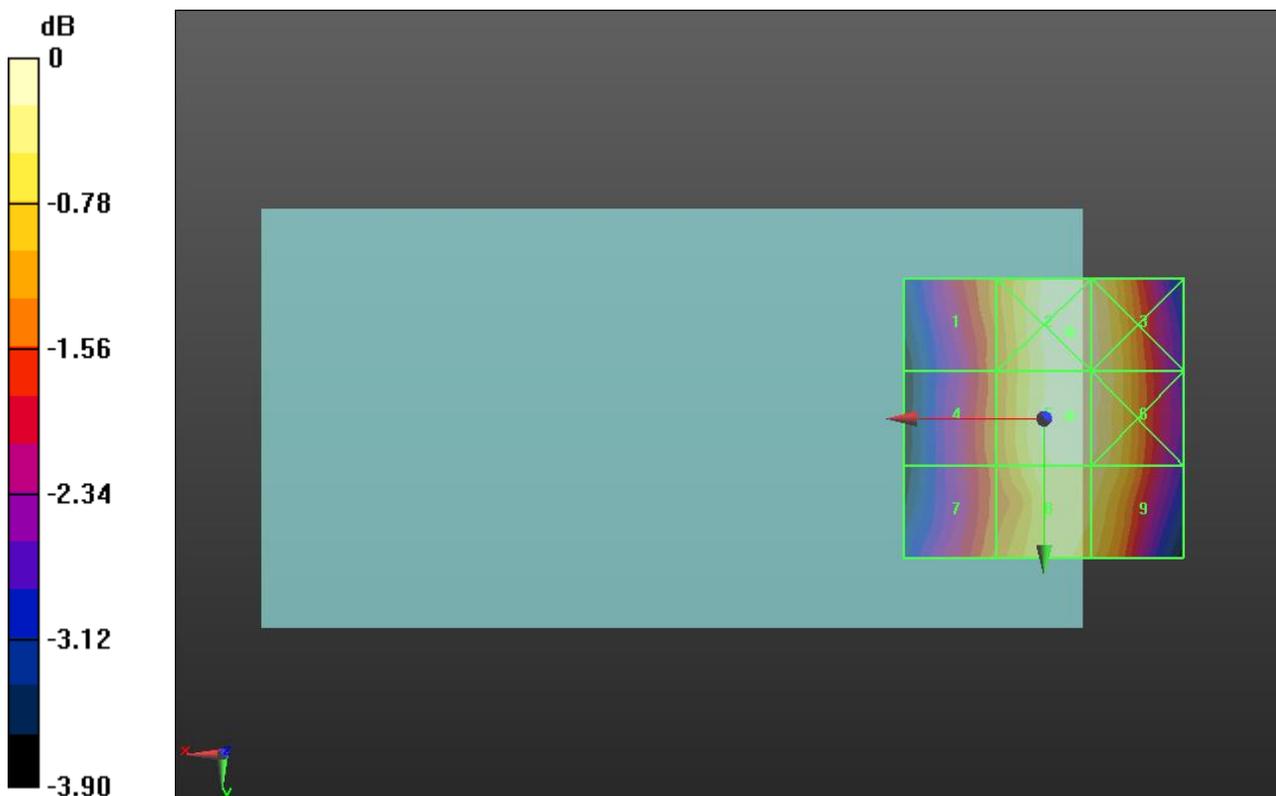
Applied MIF = 3.26 dB

RF audio interference level = 28.71 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.62 dBV/m	Grid 2 M4 28.75 dBV/m	Grid 3 M4 28.62 dBV/m
Grid 4 M4 27.53 dBV/m	Grid 5 M4 28.71 dBV/m	Grid 6 M4 28.63 dBV/m
Grid 7 M4 27.57 dBV/m	Grid 8 M4 28.51 dBV/m	Grid 9 M4 28.45 dBV/m



0 dB = 27.40 V/m = 28.76 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 23.38 V/m; Power Drift = 1.16 dB

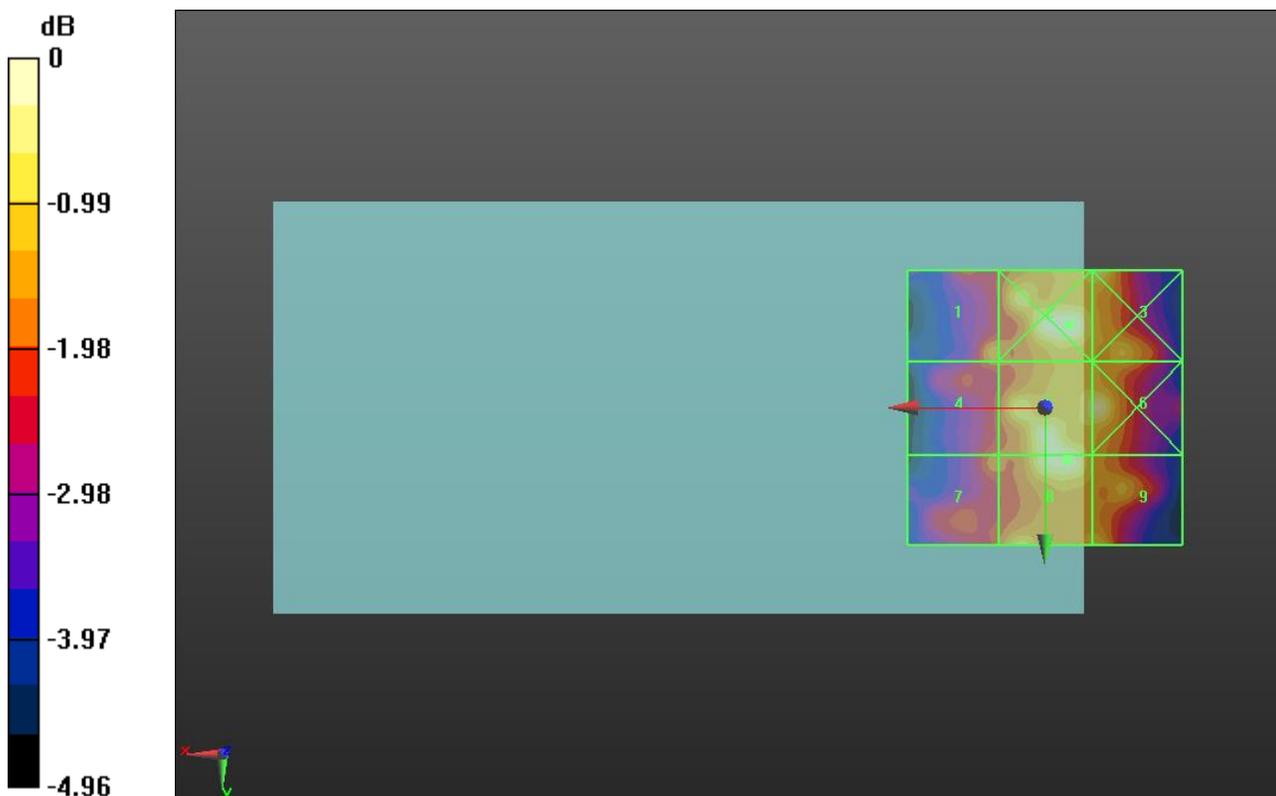
Applied MIF = 3.26 dB

RF audio interference level = 29.74 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.43 dBV/m	Grid 2 M4 29.9 dBV/m	Grid 3 M4 29.56 dBV/m
Grid 4 M4 28.2 dBV/m	Grid 5 M4 29.74 dBV/m	Grid 6 M4 29.64 dBV/m
Grid 7 M4 28.13 dBV/m	Grid 8 M4 29.74 dBV/m	Grid 9 M4 29.09 dBV/m



0 dB = 31.25 V/m = 29.90 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = -0.02 dB

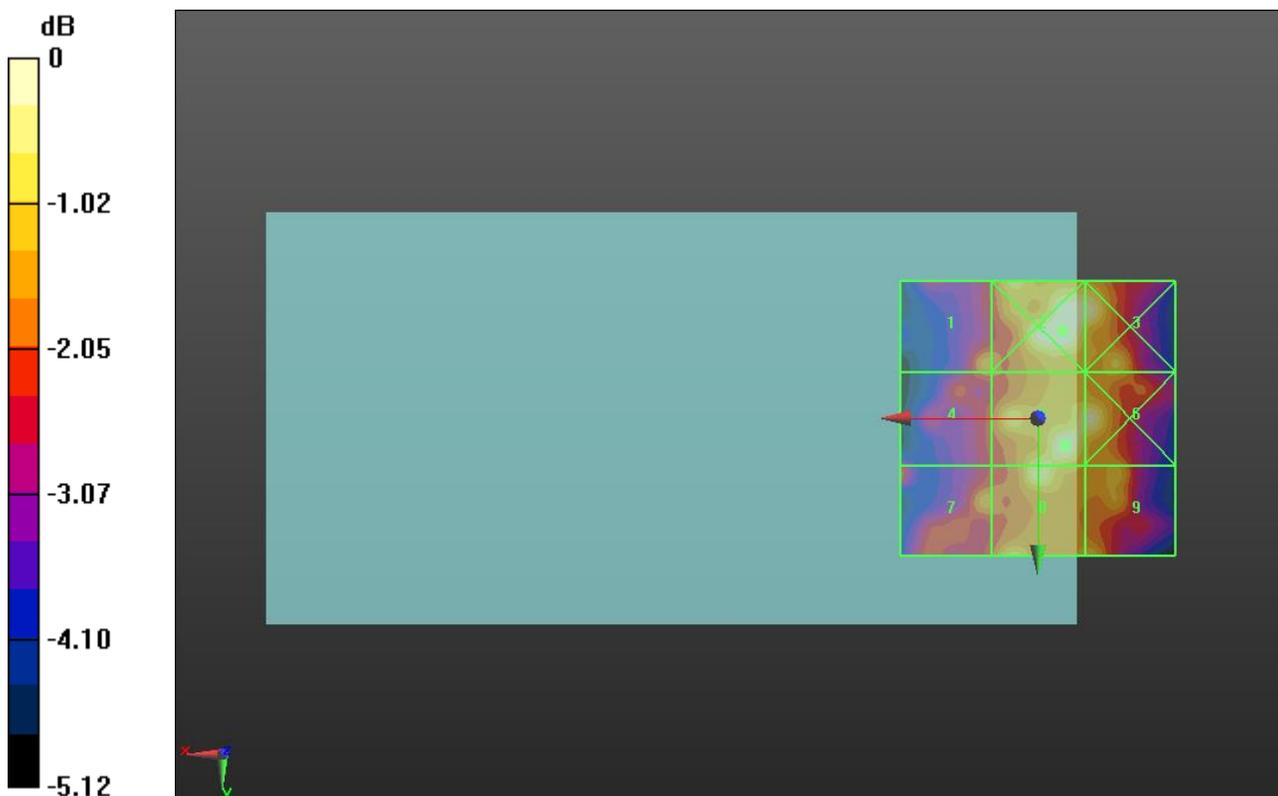
Applied MIF = 3.26 dB

RF audio interference level = 29.94 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.48 dBV/m	Grid 2 M4 30.01 dBV/m	Grid 3 M4 29.88 dBV/m
Grid 4 M4 28.24 dBV/m	Grid 5 M4 29.94 dBV/m	Grid 6 M4 29.79 dBV/m
Grid 7 M4 28.51 dBV/m	Grid 8 M4 29.67 dBV/m	Grid 9 M4 29.1 dBV/m



0 dB = 31.66 V/m = 30.01 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 53.97 V/m; Power Drift = 0.04 dB

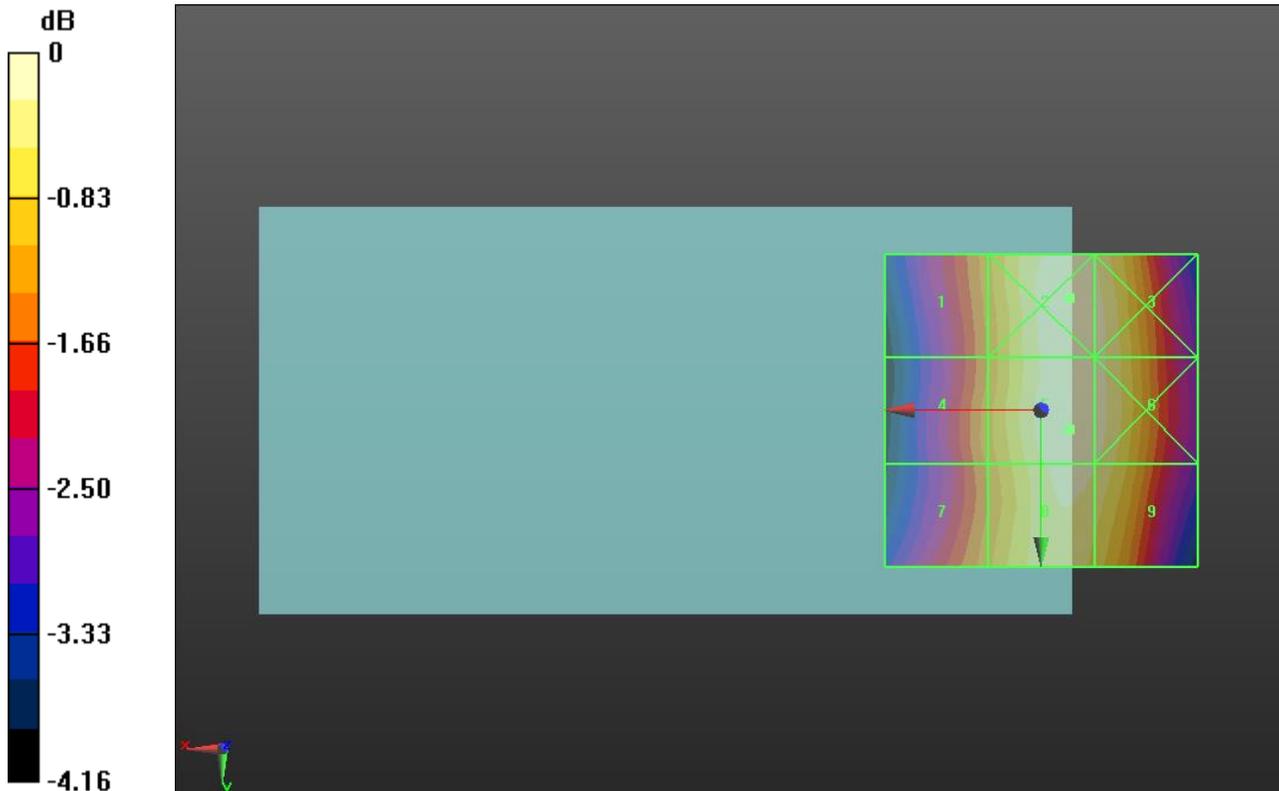
Applied MIF = 3.63 dB

RF audio interference level = 36.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.29 dBV/m	Grid 2 M4 36.48 dBV/m	Grid 3 M4 36.36 dBV/m
Grid 4 M4 35.28 dBV/m	Grid 5 M4 36.47 dBV/m	Grid 6 M4 36.37 dBV/m
Grid 7 M4 35.31 dBV/m	Grid 8 M4 36.35 dBV/m	Grid 9 M4 36.23 dBV/m



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

HAC-RF Emission (With Smart Cover)

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 49.76 V/m; Power Drift = 0.06 dB

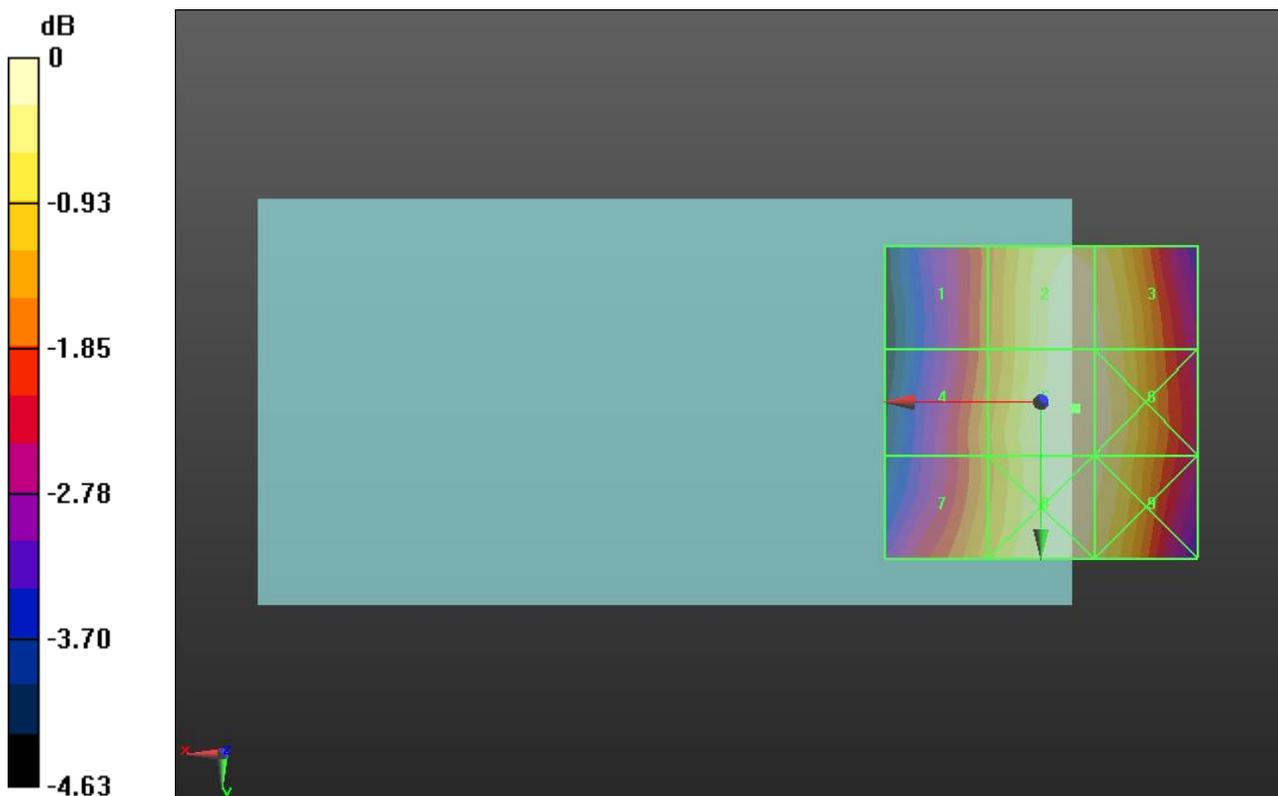
Applied MIF = 3.63 dB

RF audio interference level = 35.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 34.26 dBV/m	Grid 2 M4 35.75 dBV/m	Grid 3 M4 35.69 dBV/m
Grid 4 M4 34.57 dBV/m	Grid 5 M4 35.87 dBV/m	Grid 6 M4 35.79 dBV/m
Grid 7 M4 34.85 dBV/m	Grid 8 M4 35.8 dBV/m	Grid 9 M4 35.71 dBV/m



0 dB = 62.14 V/m = 35.87 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM850 E-Field measurement/Voice_ch 251/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.09 V/m; Power Drift = 0.02 dB

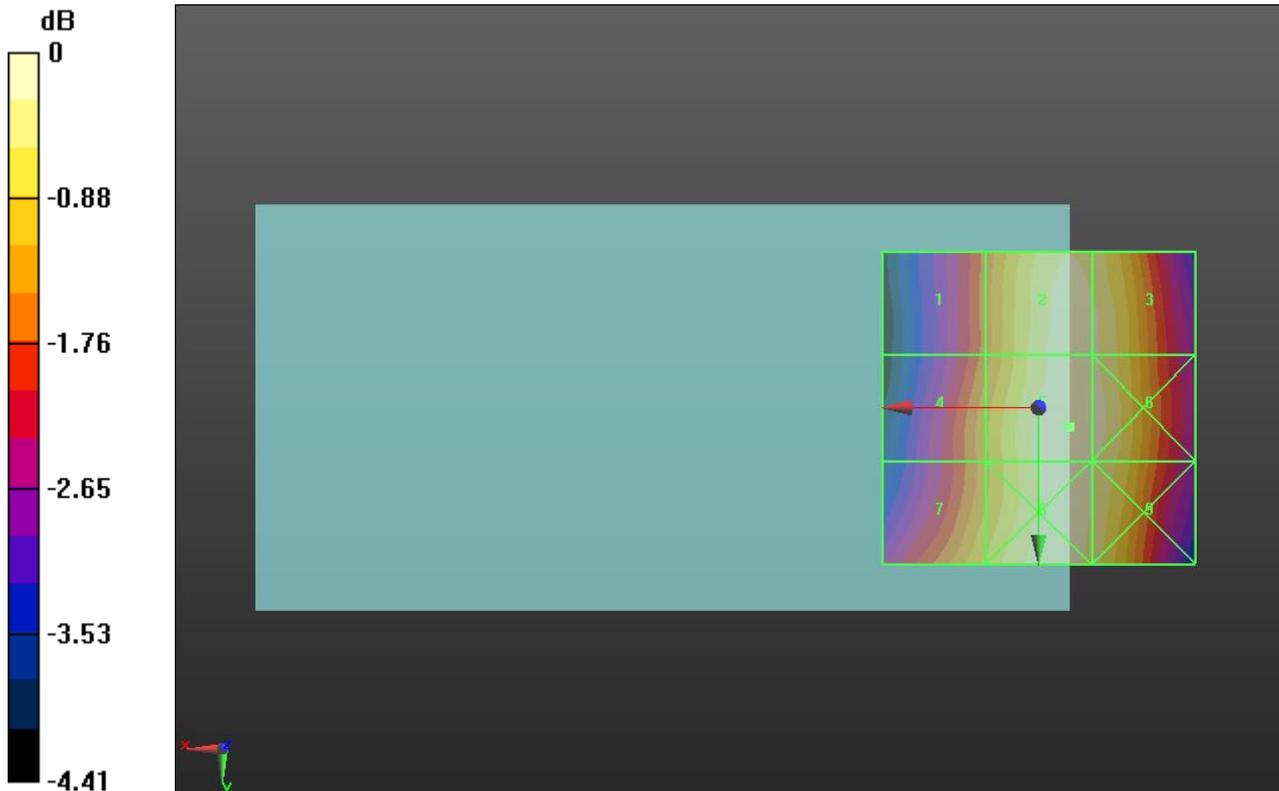
Applied MIF = 3.63 dB

RF audio interference level = 36.05 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.46 dBV/m	Grid 2 M4 35.92 dBV/m	Grid 3 M4 35.84 dBV/m
Grid 4 M4 34.84 dBV/m	Grid 5 M4 36.05 dBV/m	Grid 6 M4 35.94 dBV/m
Grid 7 M4 35.24 dBV/m	Grid 8 M4 35.99 dBV/m	Grid 9 M4 35.84 dBV/m



0 dB = 63.48 V/m = 36.05 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 22.02 V/m; Power Drift = 0.10 dB

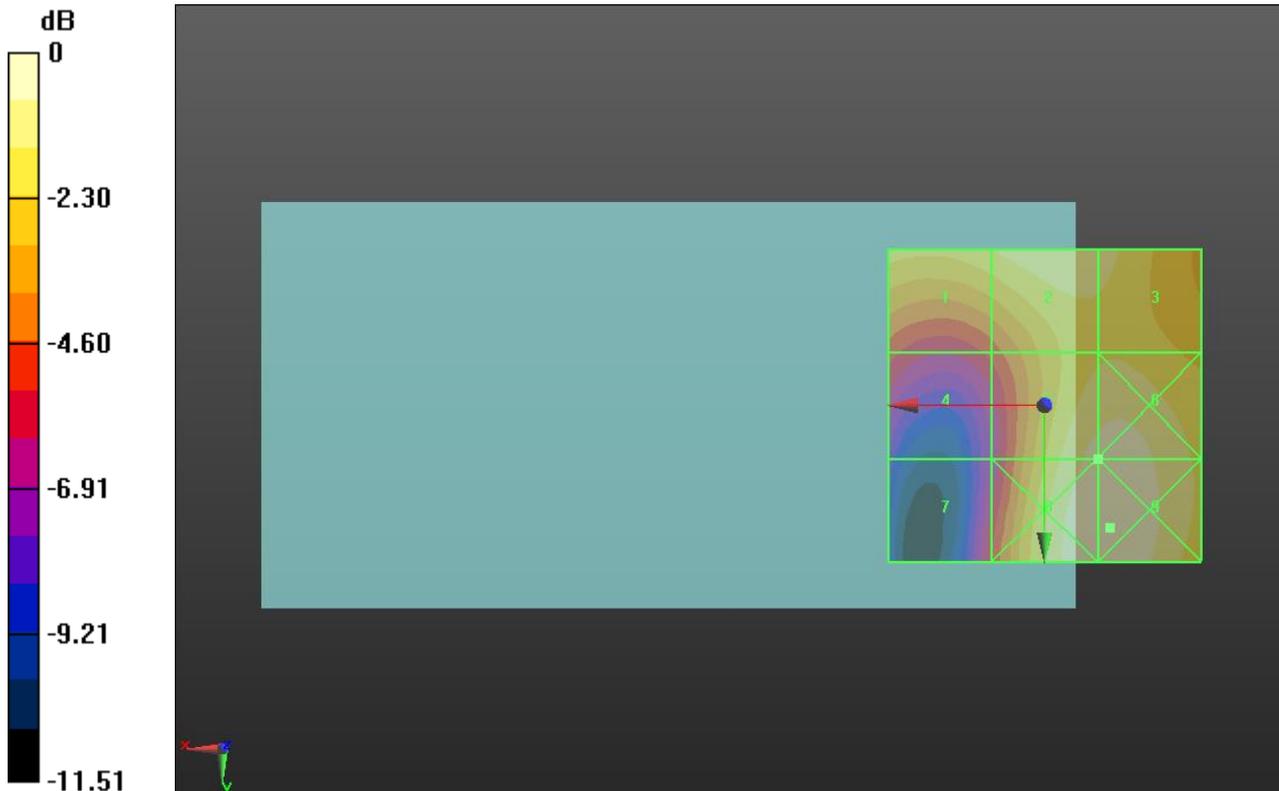
Applied MIF = 3.63 dB

RF audio interference level = 30.94 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 29.87 dBV/m	Grid 2 M3 30.55 dBV/m	Grid 3 M3 30.28 dBV/m
Grid 4 M4 26.5 dBV/m	Grid 5 M3 30.94 dBV/m	Grid 6 M3 31.08 dBV/m
Grid 7 M4 26.08 dBV/m	Grid 8 M3 31.37 dBV/m	Grid 9 M3 31.42 dBV/m



0 dB = 37.25 V/m = 31.42 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

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 = 21.95 V/m; Power Drift = 0.02 dB

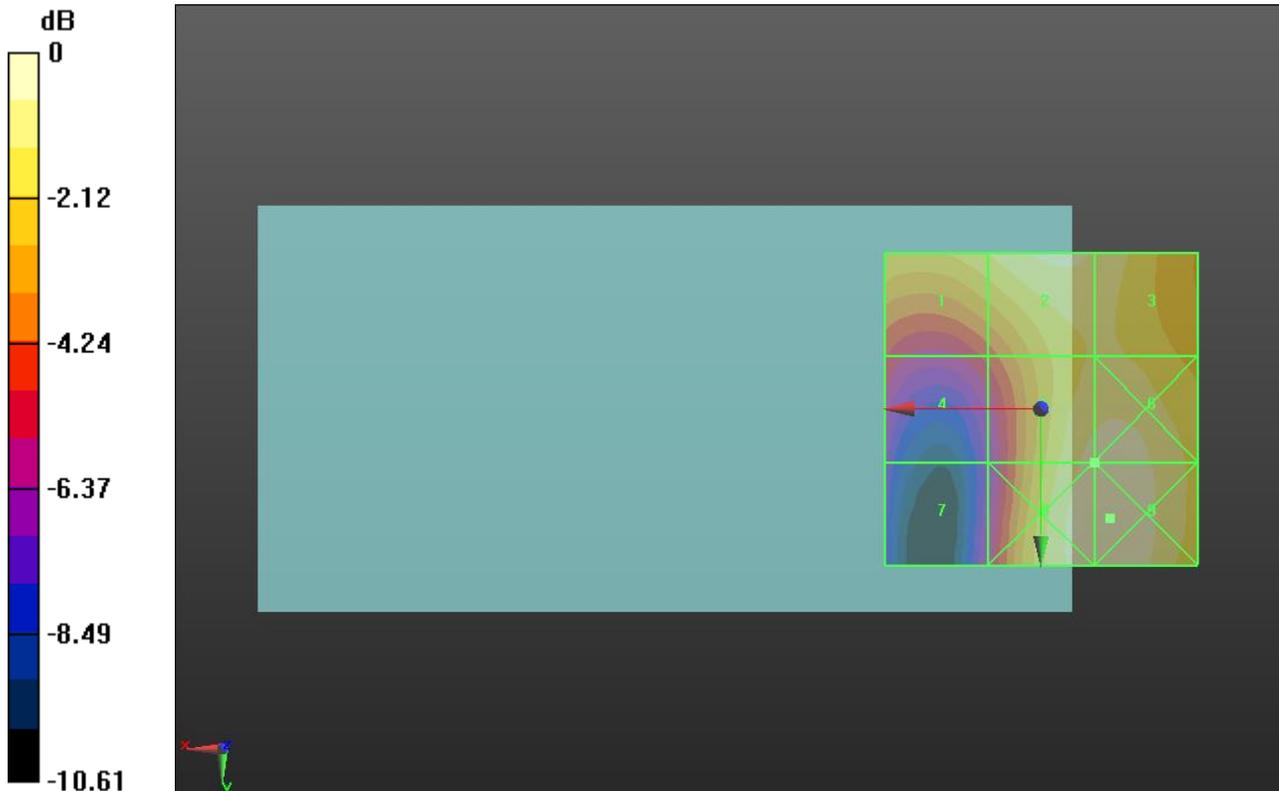
Applied MIF = 3.63 dB

RF audio interference level = 30.76 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 29.81 dBV/m	Grid 2 M3 30.69 dBV/m	Grid 3 M3 30.44 dBV/m
Grid 4 M4 26.54 dBV/m	Grid 5 M3 30.76 dBV/m	Grid 6 M3 30.92 dBV/m
Grid 7 M4 25.22 dBV/m	Grid 8 M3 31.1 dBV/m	Grid 9 M3 31.2 dBV/m



0 dB = 36.29 V/m = 31.20 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.89 V/m; Power Drift = 0.01 dB

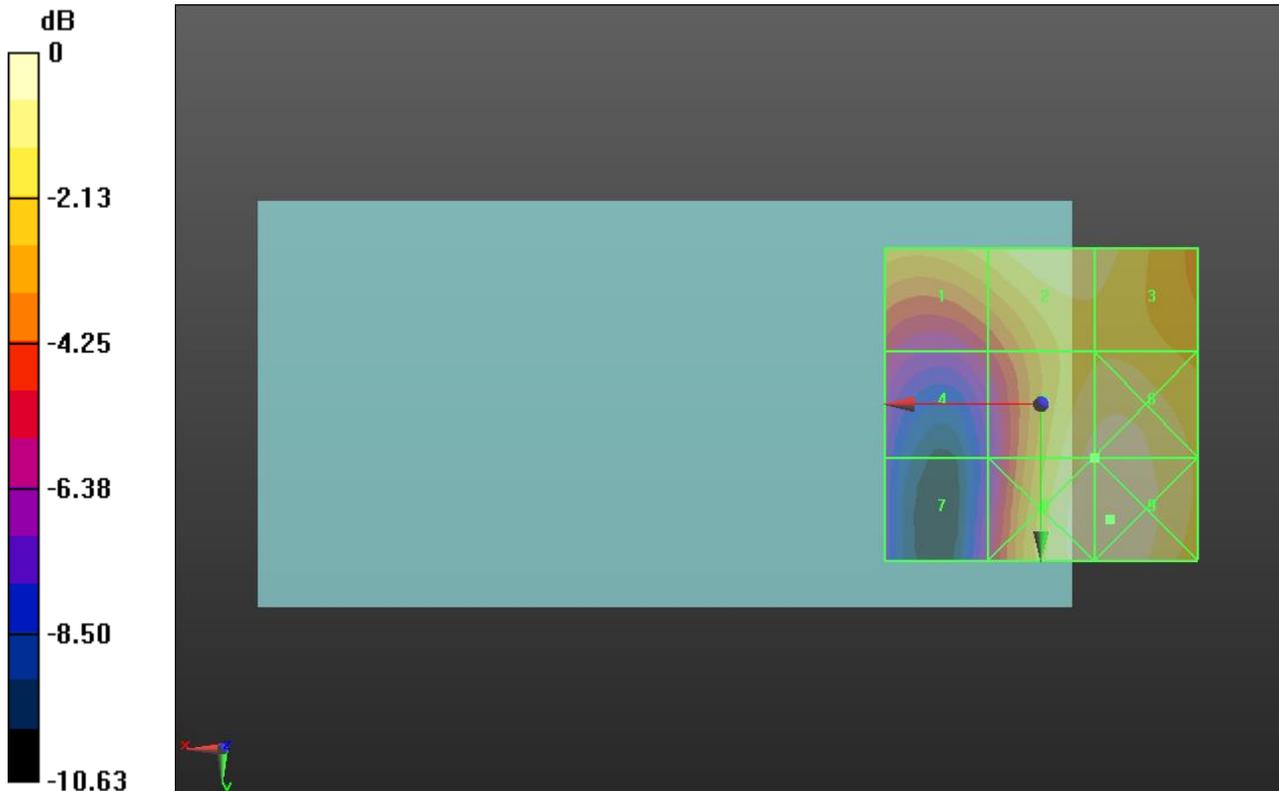
Applied MIF = 3.63 dB

RF audio interference level = 30.85 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 29.63 dBV/m	Grid 2 M3 30.58 dBV/m	Grid 3 M3 30.34 dBV/m
Grid 4 M4 26.21 dBV/m	Grid 5 M3 30.85 dBV/m	Grid 6 M3 31.02 dBV/m
Grid 7 M4 25.22 dBV/m	Grid 8 M3 31.21 dBV/m	Grid 9 M3 31.31 dBV/m



0 dB = 36.76 V/m = 31.31 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 26.24 V/m; Power Drift = -1.08 dB

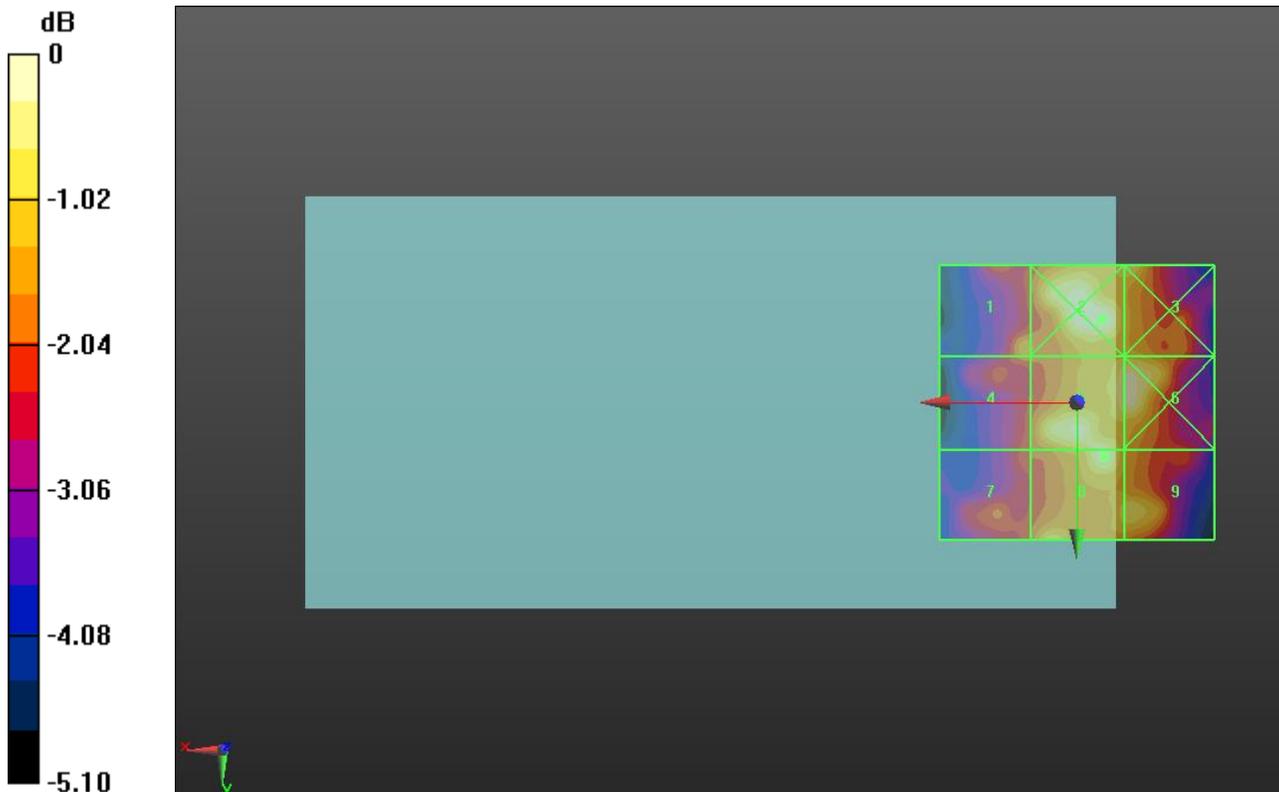
Applied MIF = 3.26 dB

RF audio interference level = 29.70 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.4 dBV/m	Grid 2 M4 29.85 dBV/m	Grid 3 M4 29.43 dBV/m
Grid 4 M4 28.15 dBV/m	Grid 5 M4 29.66 dBV/m	Grid 6 M4 29.66 dBV/m
Grid 7 M4 27.88 dBV/m	Grid 8 M4 29.7 dBV/m	Grid 9 M4 29.17 dBV/m



0 dB = 31.09 V/m = 29.85 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_ch 384/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 21.38 V/m; Power Drift = -0.05 dB

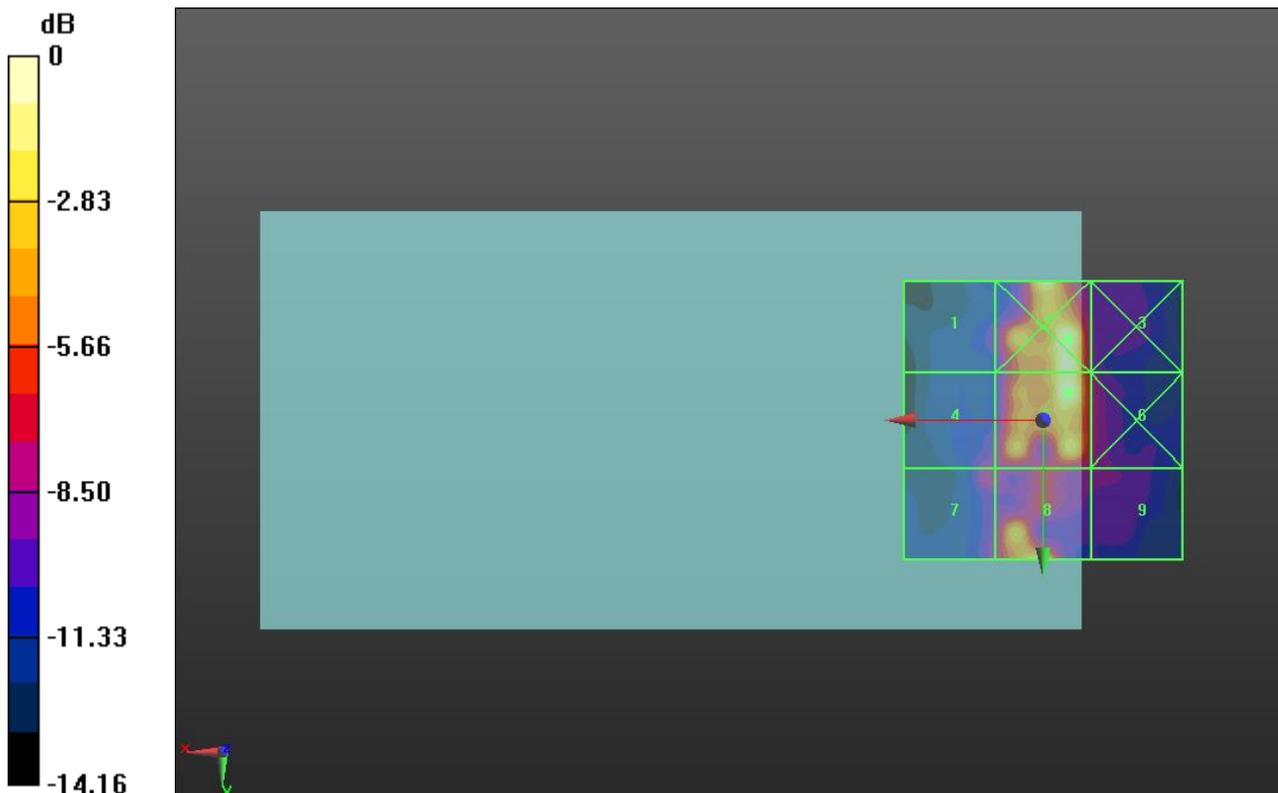
Applied MIF = 3.26 dB

RF audio interference level = 37.68 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.71 dBV/m	Grid 2 M4 37.84 dBV/m	Grid 3 M4 29.83 dBV/m
Grid 4 M4 29.94 dBV/m	Grid 5 M4 37.68 dBV/m	Grid 6 M4 30.65 dBV/m
Grid 7 M4 30.27 dBV/m	Grid 8 M4 36.77 dBV/m	Grid 9 M4 29.44 dBV/m



0 dB = 78.01 V/m = 37.84 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 23.60 V/m; Power Drift = -1.17 dB

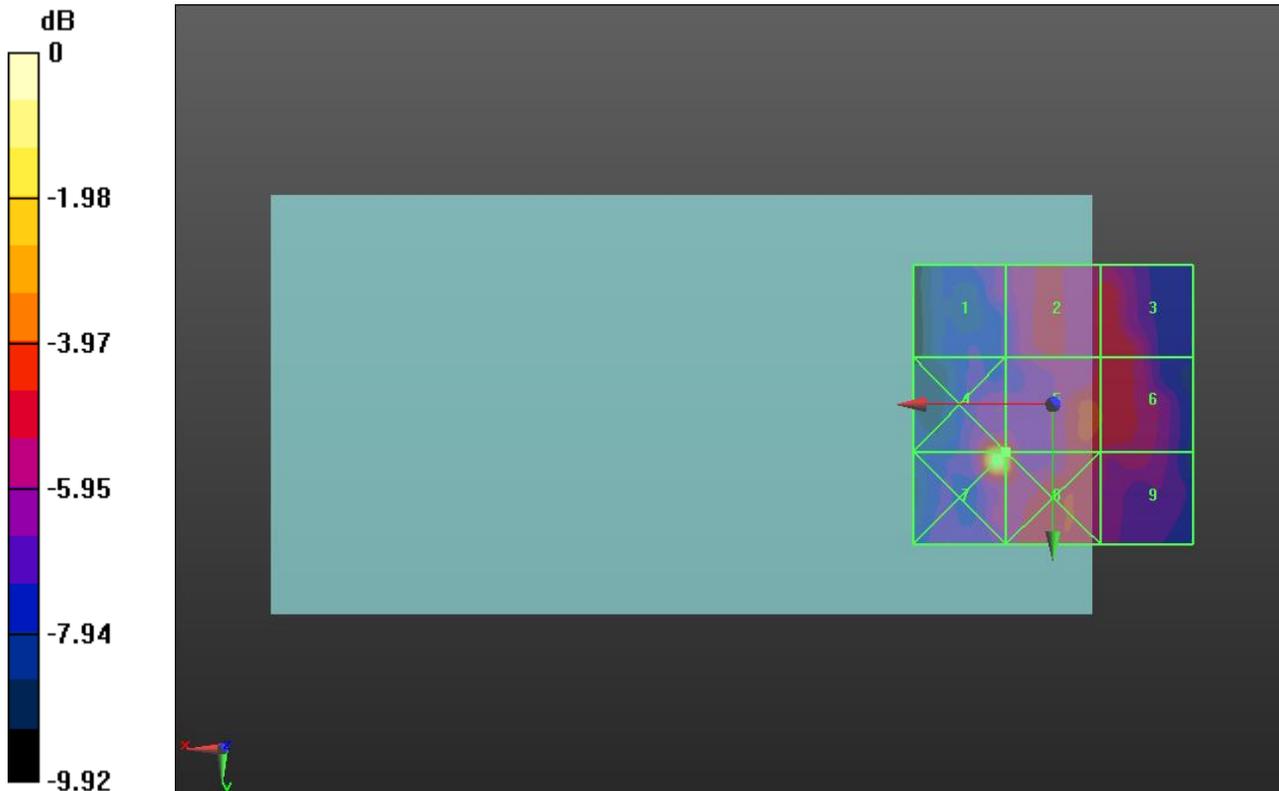
Applied MIF = 3.26 dB

RF audio interference level = 30.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.42 dBV/m	Grid 2 M4 28.61 dBV/m	Grid 3 M4 28.73 dBV/m
Grid 4 M4 31.77 dBV/m	Grid 5 M4 30.59 dBV/m	Grid 6 M4 28.95 dBV/m
Grid 7 M4 33.51 dBV/m	Grid 8 M4 31.85 dBV/m	Grid 9 M4 28.11 dBV/m



0 dB = 47.40 V/m = 33.52 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1850 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_ch 25/Hearing Aid Compatibility Test (101x101x1):

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.99 V/m; Power Drift = -0.38 dB

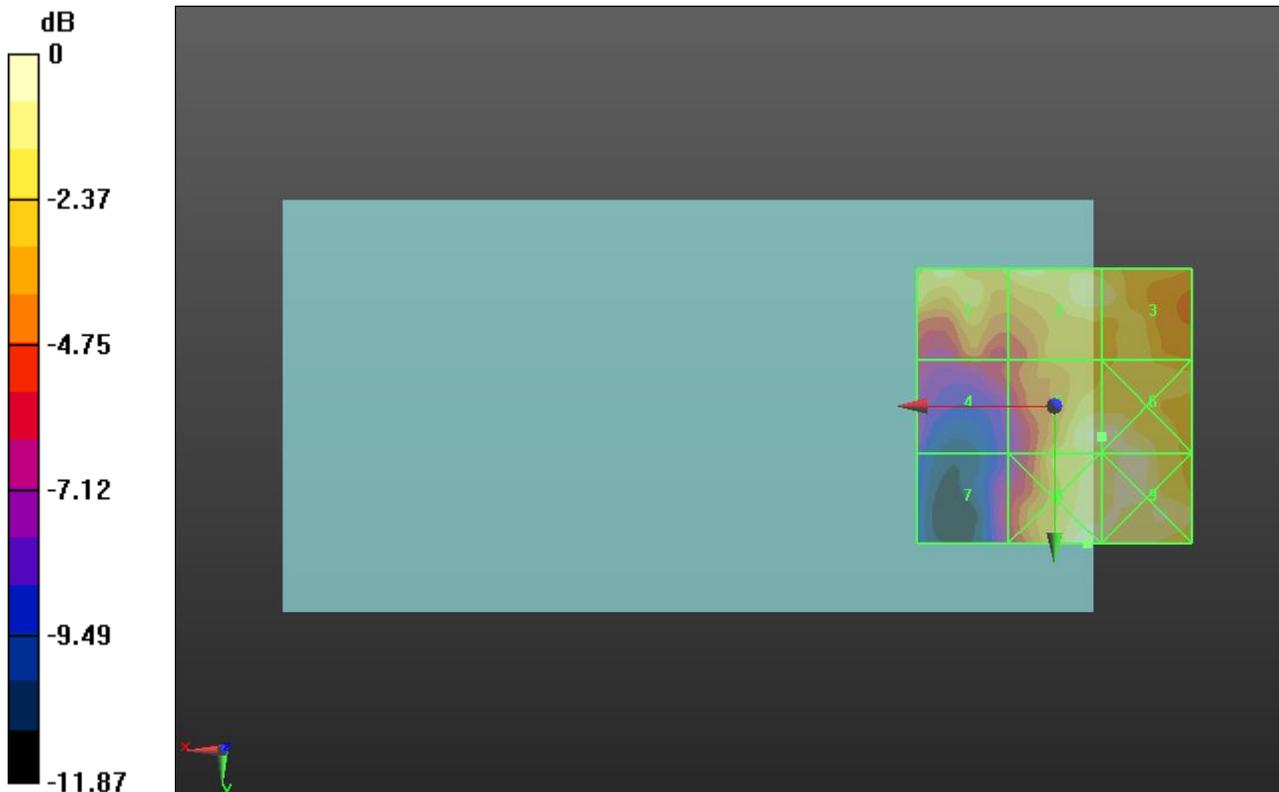
Applied MIF = 3.26 dB

RF audio interference level = 27.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.6 dBV/m	Grid 2 M4 26.67 dBV/m	Grid 3 M4 26.3 dBV/m
Grid 4 M4 22.47 dBV/m	Grid 5 M4 27.02 dBV/m	Grid 6 M4 27.16 dBV/m
Grid 7 M4 21.62 dBV/m	Grid 8 M4 27.54 dBV/m	Grid 9 M4 27.42 dBV/m



0 dB = 23.83 V/m = 27.54 dBV/m

HAC-RF Emission (With Smart Cover)

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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 14.49 V/m; Power Drift = -0.85 dB

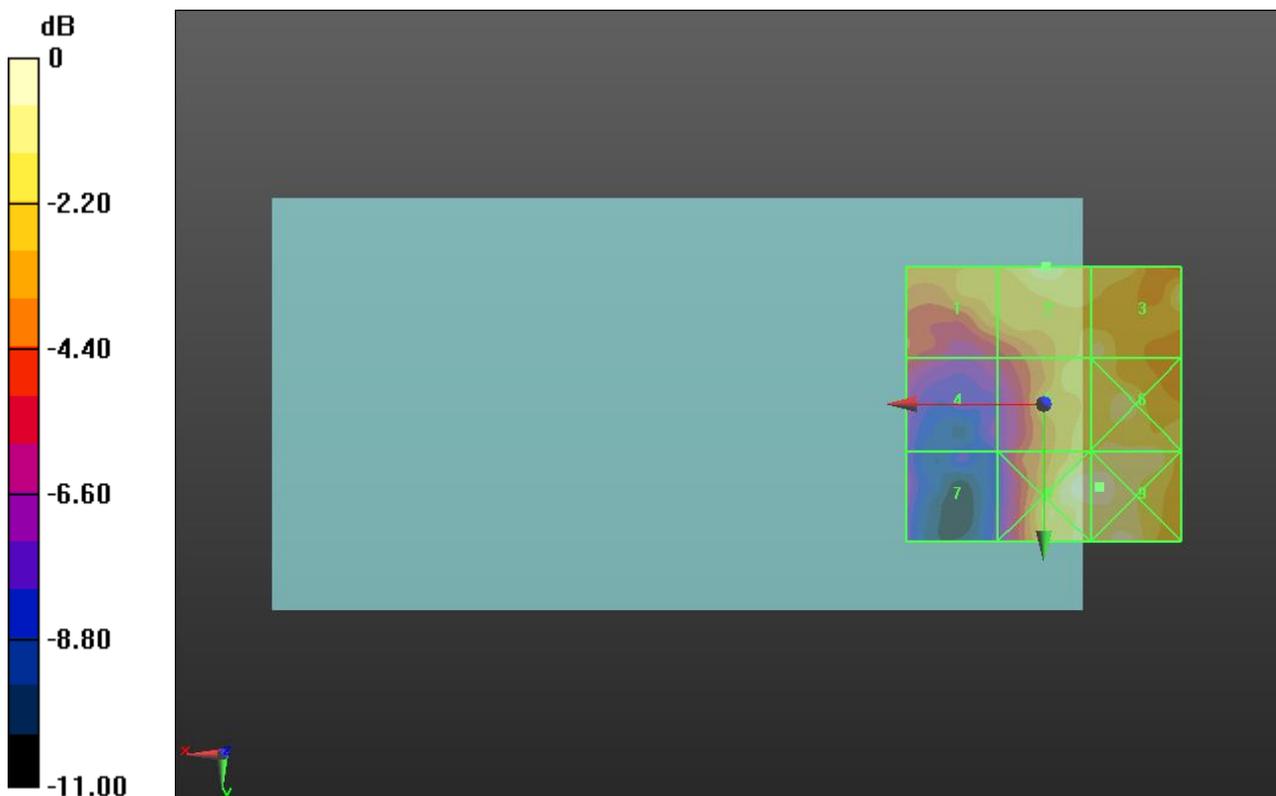
Applied MIF = 3.26 dB

RF audio interference level = 26.81 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.93 dBV/m	Grid 2 M4 26.81 dBV/m	Grid 3 M4 26.23 dBV/m
Grid 4 M4 22.61 dBV/m	Grid 5 M4 25.8 dBV/m	Grid 6 M4 26.43 dBV/m
Grid 7 M4 20.9 dBV/m	Grid 8 M4 27.09 dBV/m	Grid 9 M4 27.26 dBV/m



0 dB = 23.06 V/m = 27.26 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 14.84 V/m; Power Drift = -0.46 dB

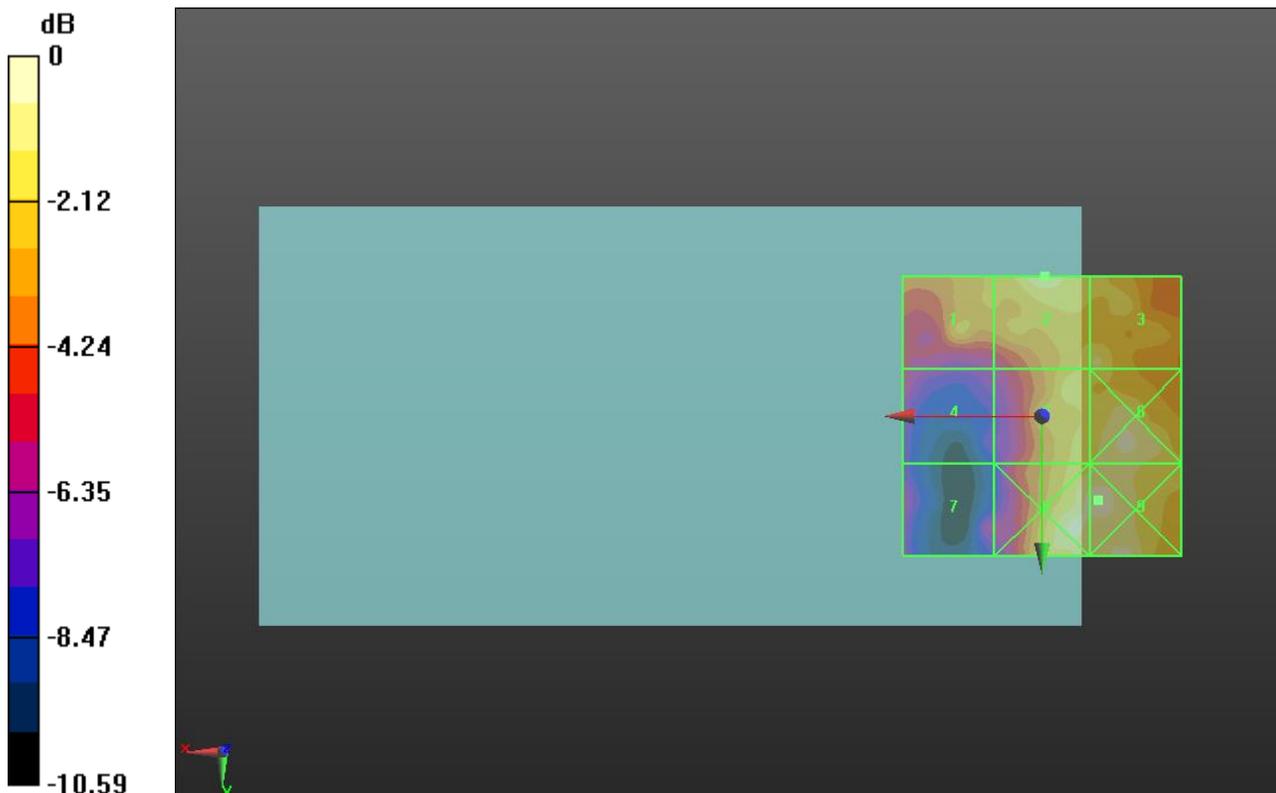
Applied MIF = 3.26 dB

RF audio interference level = 26.56 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.54 dBV/m	Grid 2 M4 26.56 dBV/m	Grid 3 M4 25.78 dBV/m
Grid 4 M4 21.76 dBV/m	Grid 5 M4 25.59 dBV/m	Grid 6 M4 26.52 dBV/m
Grid 7 M4 21.15 dBV/m	Grid 8 M4 26.75 dBV/m	Grid 9 M4 27.08 dBV/m



0 dB = 22.60 V/m = 27.08 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 806 MHz; Duty Cycle: 1:1
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 24.54 V/m; Power Drift = -1.12 dB

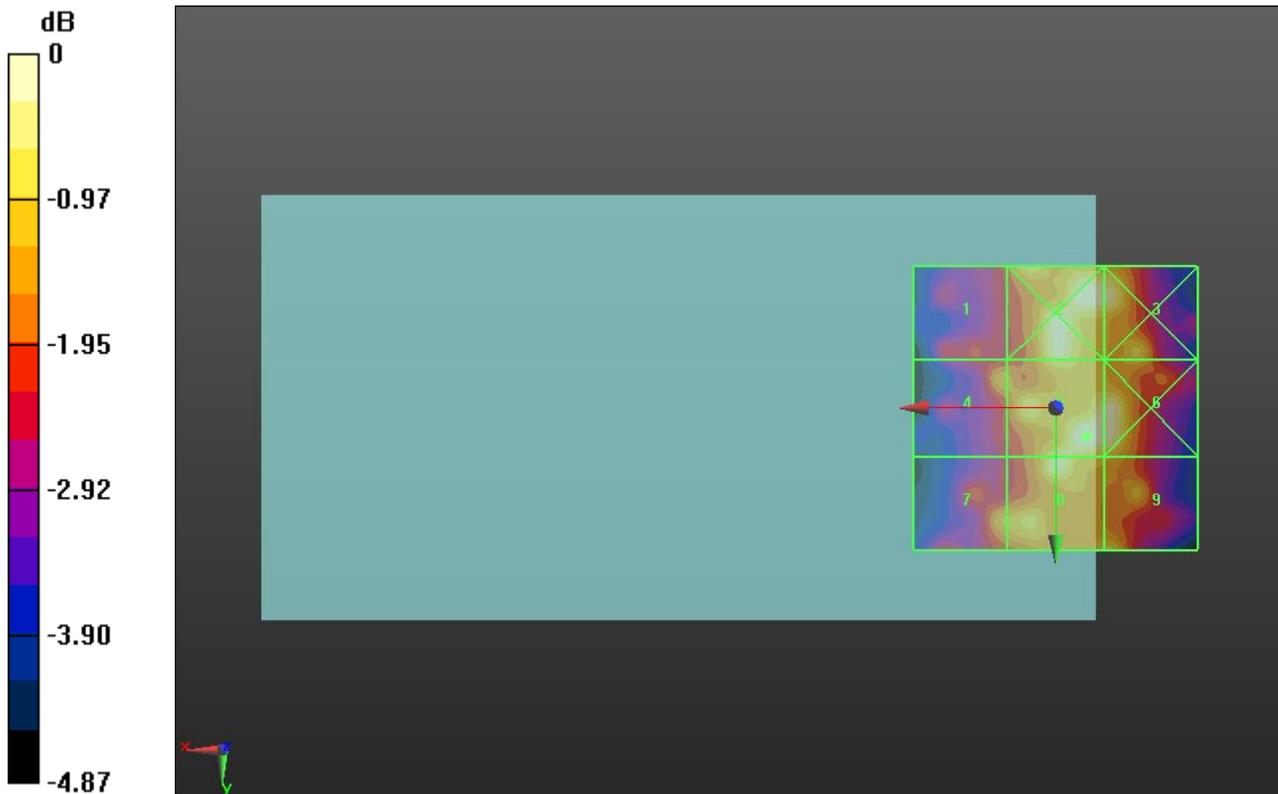
Applied MIF = 3.26 dB

RF audio interference level = 29.27 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.24 dBV/m	Grid 2 M4 29.26 dBV/m	Grid 3 M4 29.1 dBV/m
Grid 4 M4 27.92 dBV/m	Grid 5 M4 29.27 dBV/m	Grid 6 M4 29.22 dBV/m
Grid 7 M4 28.07 dBV/m	Grid 8 M4 29.02 dBV/m	Grid 9 M4 28.52 dBV/m



0 dB = 29.06 V/m = 29.27 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 24.87 V/m; Power Drift = -1.05 dB

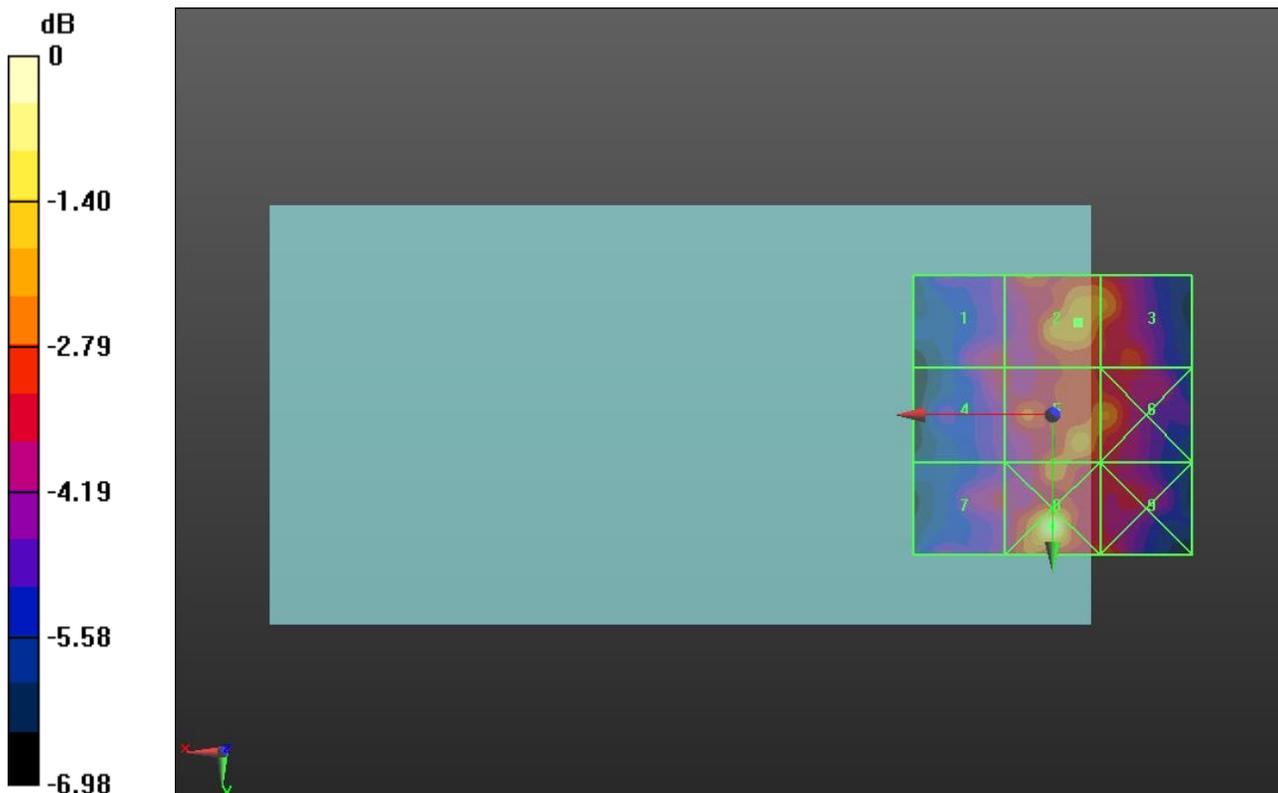
Applied MIF = 3.26 dB

RF audio interference level = 29.42 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.92 dBV/m	Grid 2 M4 29.42 dBV/m	Grid 3 M4 29.26 dBV/m
Grid 4 M4 27.89 dBV/m	Grid 5 M4 29.37 dBV/m	Grid 6 M4 29.15 dBV/m
Grid 7 M4 27.88 dBV/m	Grid 8 M4 31.39 dBV/m	Grid 9 M4 28.57 dBV/m



0 dB = 37.12 V/m = 31.39 dBV/m

HAC-RF Emission (With Smart Cover)

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:1
 Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; 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/Voice_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 = 21.97 V/m; Power Drift = 0.06 dB

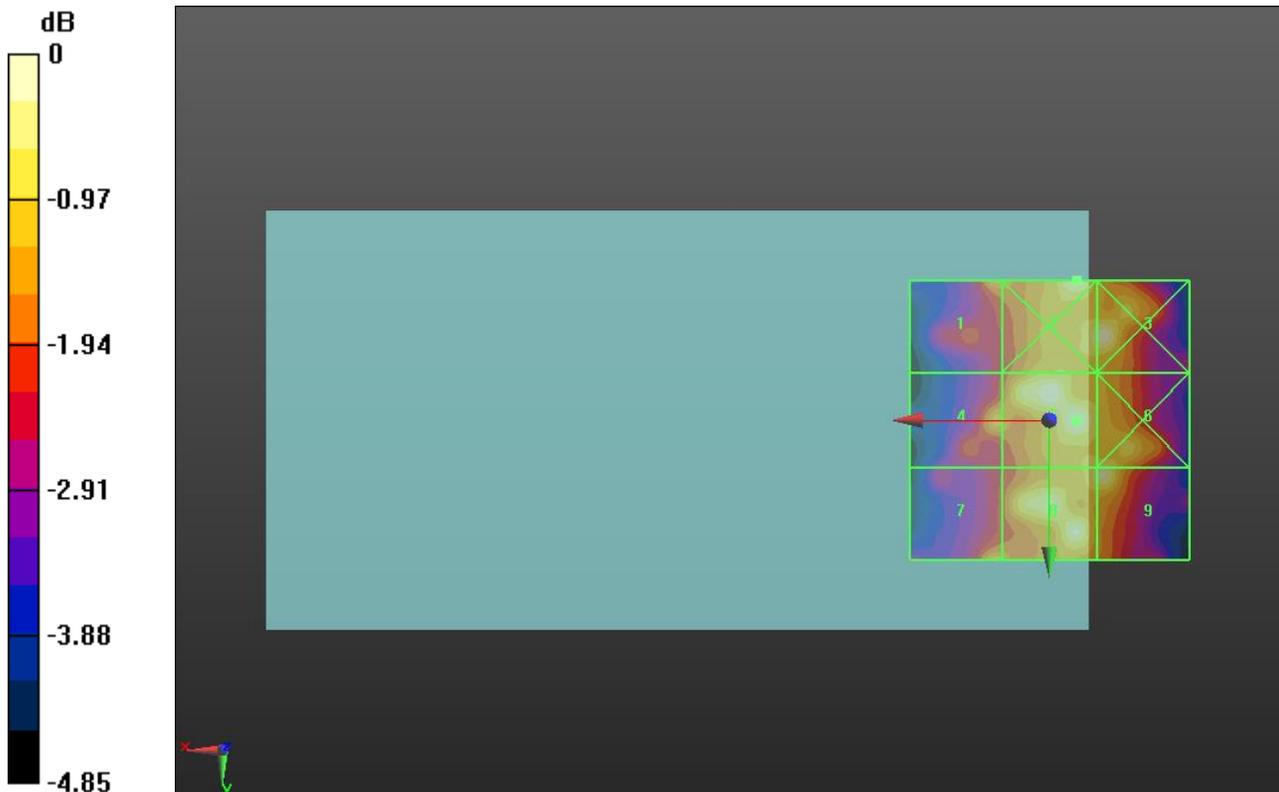
Applied MIF = 3.26 dB

RF audio interference level = 29.23 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.15 dBV/m	Grid 2 M4 29.27 dBV/m	Grid 3 M4 29.15 dBV/m
Grid 4 M4 28.13 dBV/m	Grid 5 M4 29.23 dBV/m	Grid 6 M4 28.82 dBV/m
Grid 7 M4 28.24 dBV/m	Grid 8 M4 29.02 dBV/m	Grid 9 M4 28.99 dBV/m



0 dB = 29.08 V/m = 29.27 dBV/m