

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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 66.56 V/m; Power Drift = -0.07 dB

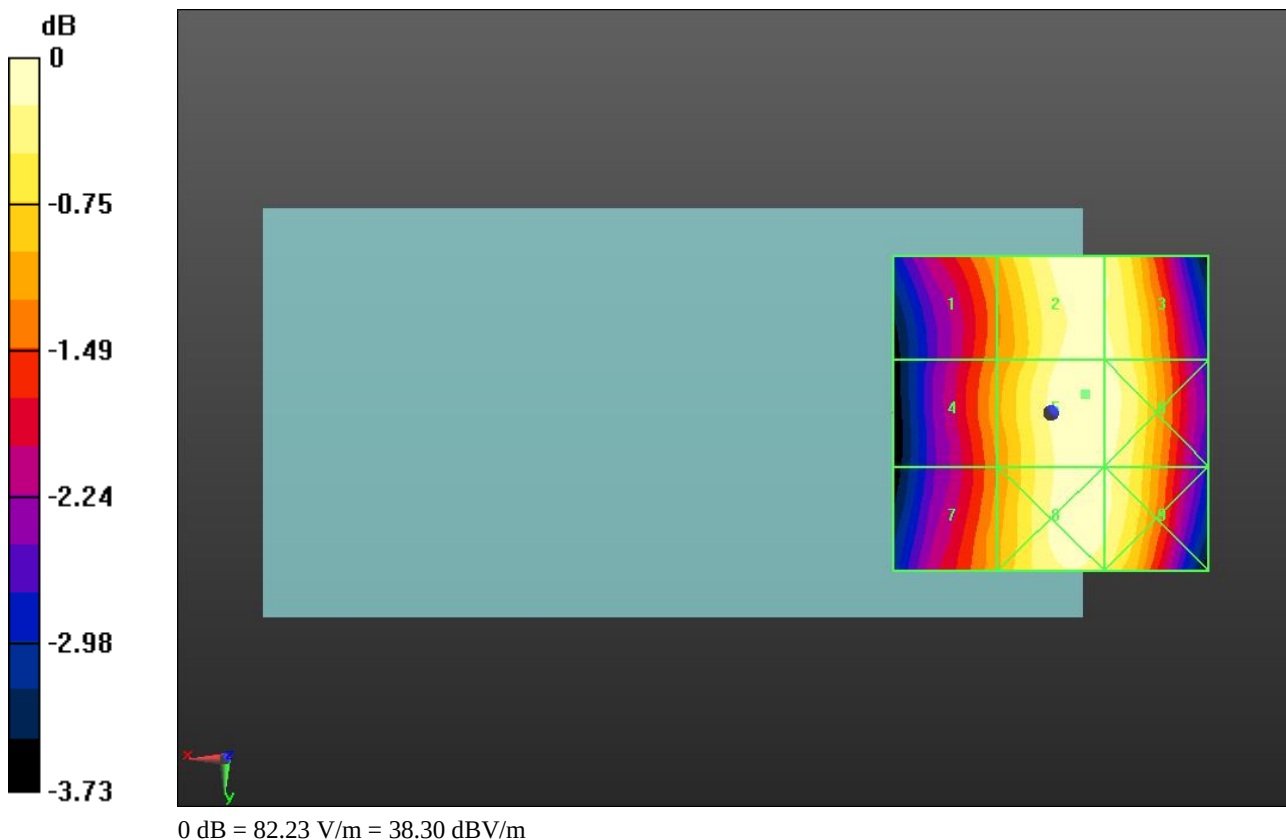
Applied MIF = 3.63 dB

RF audio interference level = 38.30 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 37.3 dBV/m	Grid 2 M4 38.21 dBV/m	Grid 3 M4 38.16 dBV/m
Grid 4 M4 37.25 dBV/m	Grid 5 M4 38.3 dBV/m	Grid 6 M4 38.23 dBV/m
Grid 7 M4 37.26 dBV/m	Grid 8 M4 38.24 dBV/m	Grid 9 M4 38.13 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 58.53 V/m; Power Drift = 0.01 dB

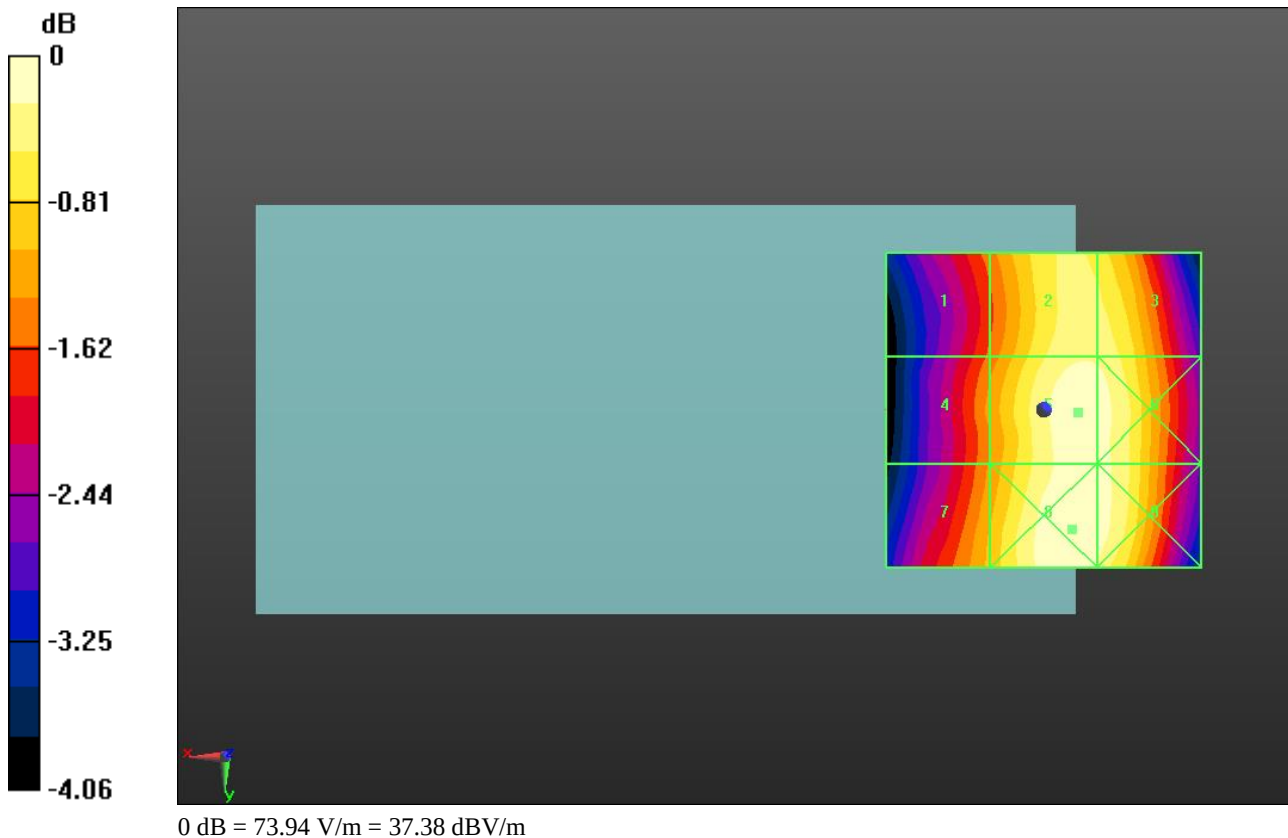
Applied MIF = 3.63 dB

RF audio interference level = 37.29 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.93 dBV/m	Grid 2 M4 37.08 dBV/m	Grid 3 M4 37.06 dBV/m
Grid 4 M4 36.13 dBV/m	Grid 5 M4 37.29 dBV/m	Grid 6 M4 37.25 dBV/m
Grid 7 M4 36.38 dBV/m	Grid 8 M4 37.38 dBV/m	Grid 9 M4 37.28 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 52.97 V/m; Power Drift = 0.00 dB

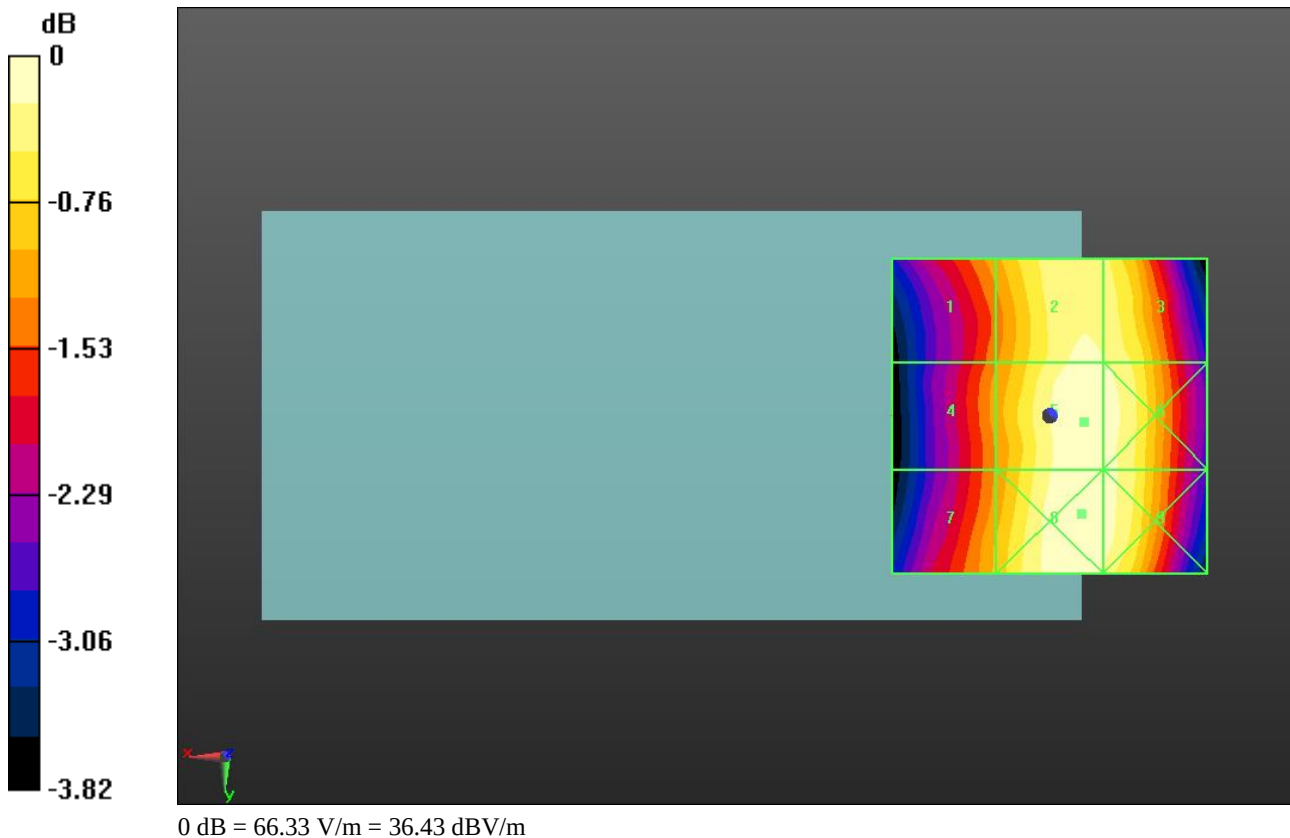
Applied MIF = 3.63 dB

RF audio interference level = 36.38 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.36 dBV/m	Grid 2 M4 36.25 dBV/m	Grid 3 M4 36.2 dBV/m
Grid 4 M4 35.29 dBV/m	Grid 5 M4 36.38 dBV/m	Grid 6 M4 36.35 dBV/m
Grid 7 M4 35.48 dBV/m	Grid 8 M4 36.43 dBV/m	Grid 9 M4 36.33 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 25.17 V/m; Power Drift = -0.03 dB

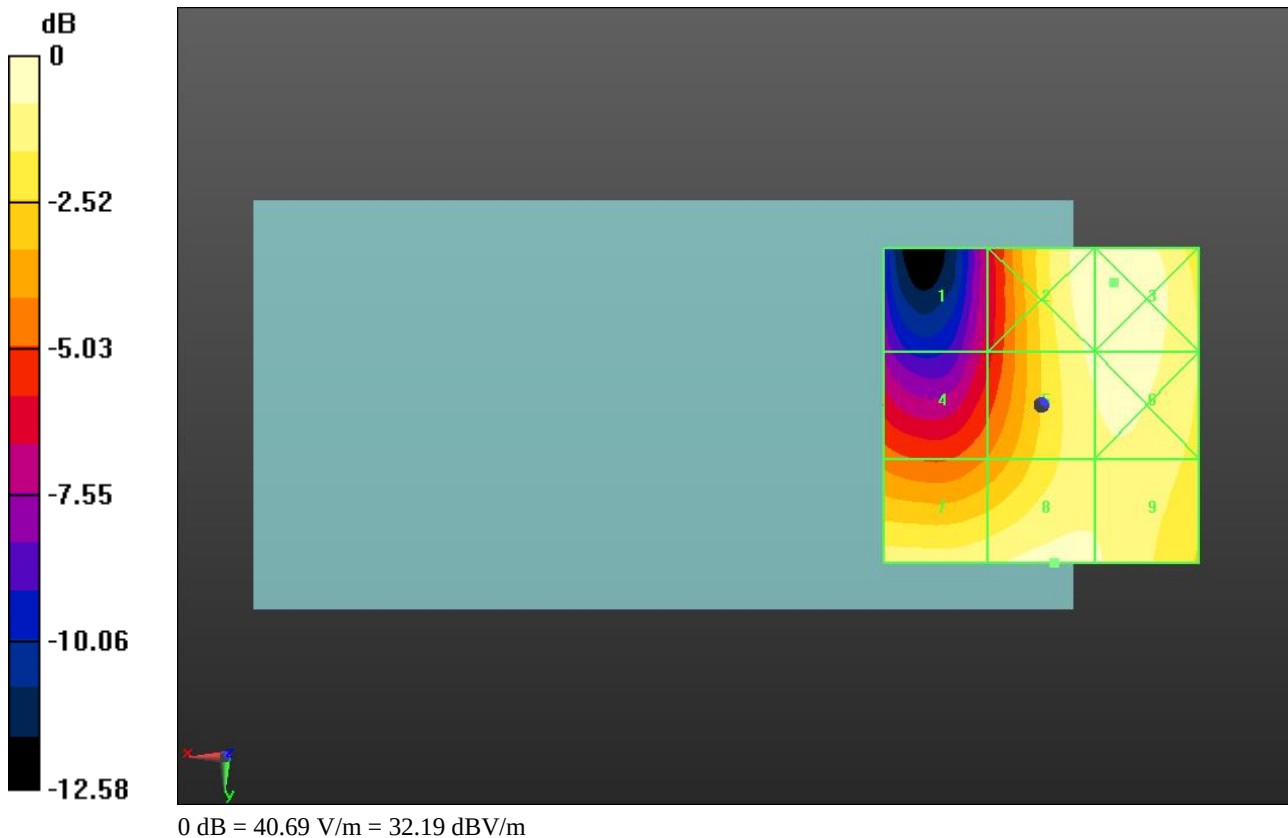
Applied MIF = 3.63 dB

RF audio interference level = 31.67 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.99 dBV/m	Grid 2 M3 32.02 dBV/m	Grid 3 M3 32.19 dBV/m
Grid 4 M4 28.07 dBV/m	Grid 5 M3 31.58 dBV/m	Grid 6 M3 31.82 dBV/m
Grid 7 M3 31.18 dBV/m	Grid 8 M3 31.67 dBV/m	Grid 9 M3 31.44 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 22.69 V/m; Power Drift = 0.05 dB

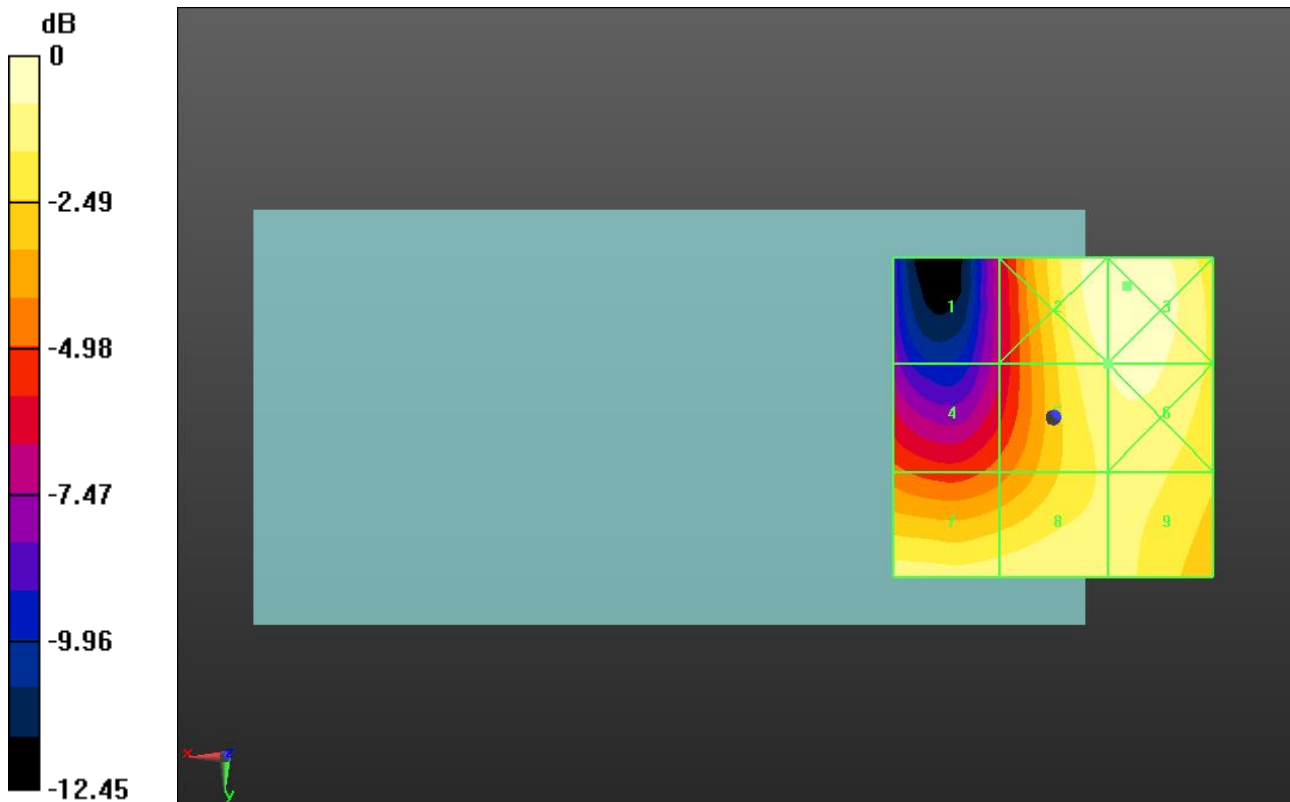
Applied MIF = 3.63 dB

RF audio interference level = 31.00 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.1 dBV/m	Grid 2 M3 31.57 dBV/m	Grid 3 M3 31.74 dBV/m
Grid 4 M4 27.2 dBV/m	Grid 5 M3 31 dBV/m	Grid 6 M3 31.21 dBV/m
Grid 7 M3 30.67 dBV/m	Grid 8 M3 30.92 dBV/m	Grid 9 M3 30.53 dBV/m



0 dB = 38.63 V/m = 31.74 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 23.58 V/m; Power Drift = 0.01 dB

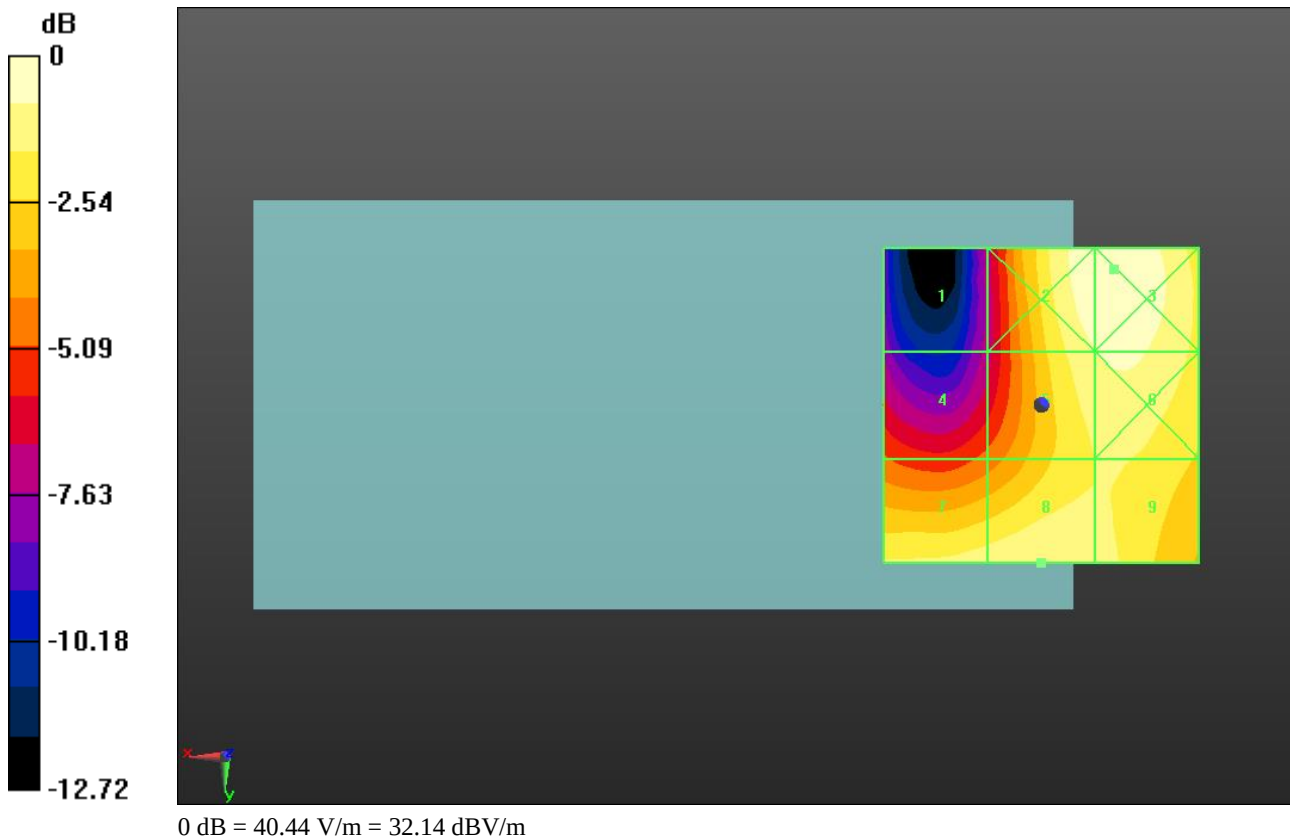
Applied MIF = 3.63 dB

RF audio interference level = 31.29 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.17 dBV/m	Grid 2 M3 31.99 dBV/m	Grid 3 M3 32.14 dBV/m
Grid 4 M4 27.41 dBV/m	Grid 5 M3 31.27 dBV/m	Grid 6 M3 31.49 dBV/m
Grid 7 M3 30.97 dBV/m	Grid 8 M3 31.29 dBV/m	Grid 9 M3 30.87 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 22.76 V/m; Power Drift = 0.01 dB

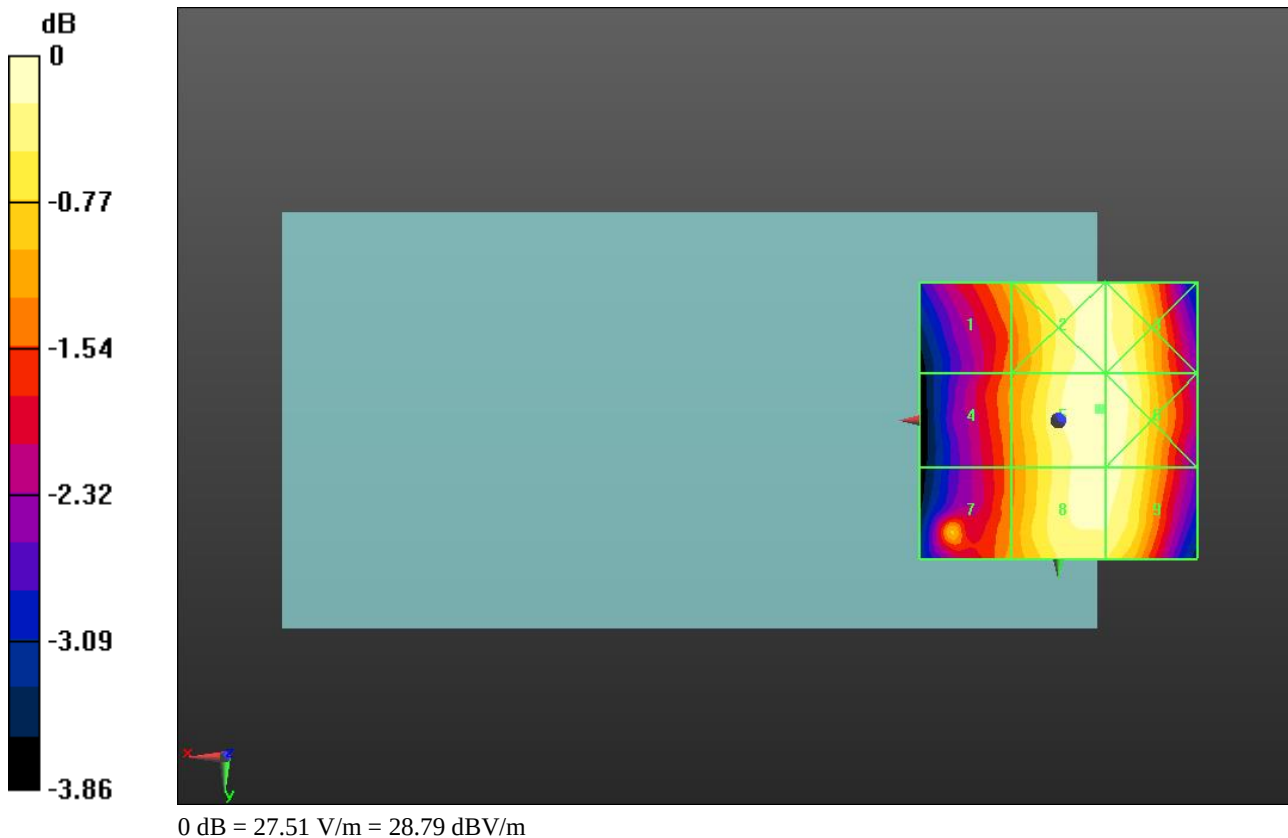
Applied MIF = 3.26 dB

RF audio interference level = 28.79 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.72 dBV/m	Grid 2 M4 28.74 dBV/m	Grid 3 M4 28.69 dBV/m
Grid 4 M4 27.57 dBV/m	Grid 5 M4 28.79 dBV/m	Grid 6 M4 28.78 dBV/m
Grid 7 M4 27.8 dBV/m	Grid 8 M4 28.7 dBV/m	Grid 9 M4 28.7 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 21.36 V/m; Power Drift = 0.01 dB

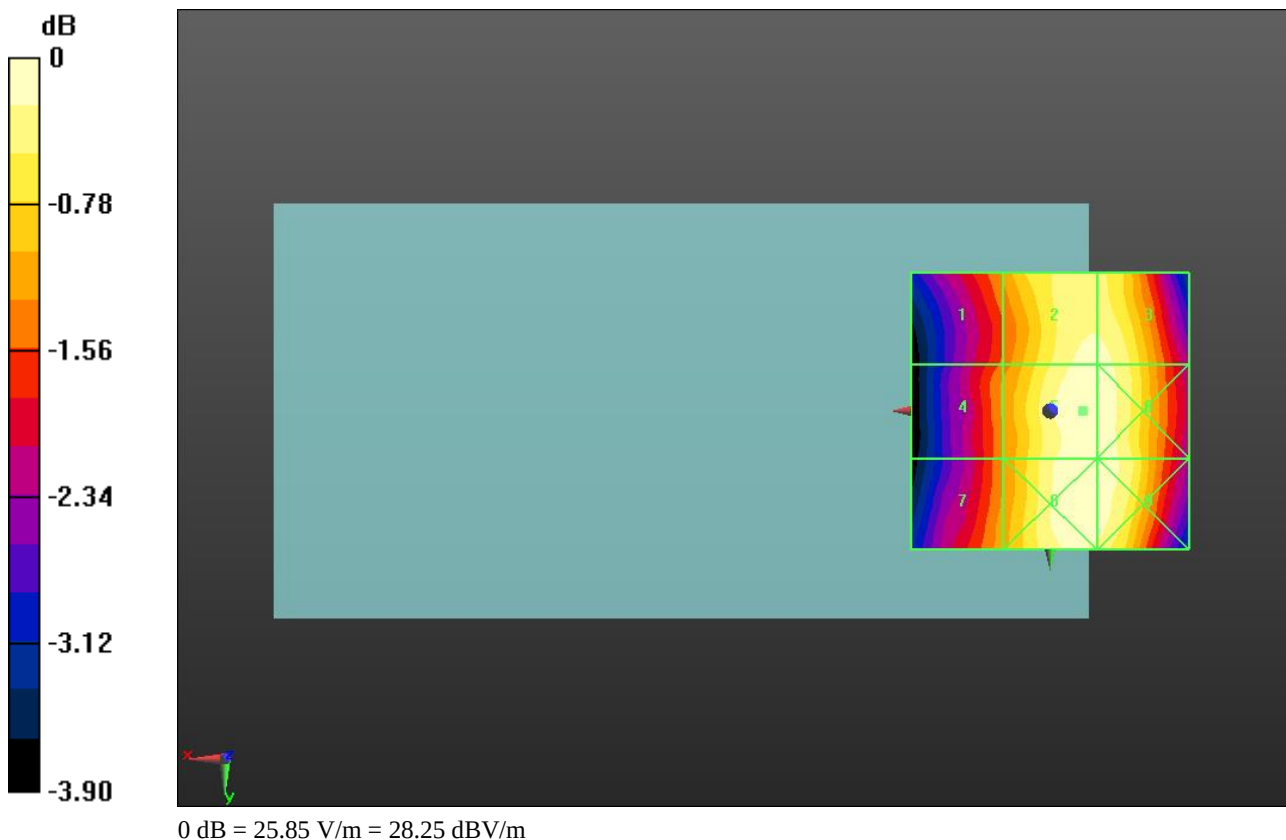
Applied MIF = 3.26 dB

RF audio interference level = 28.25 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.01 dBV/m	Grid 2 M4 28.1 dBV/m	Grid 3 M4 28.1 dBV/m
Grid 4 M4 27.01 dBV/m	Grid 5 M4 28.25 dBV/m	Grid 6 M4 28.19 dBV/m
Grid 7 M4 27.13 dBV/m	Grid 8 M4 28.22 dBV/m	Grid 9 M4 28.18 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 20.17 V/m; Power Drift = 0.04 dB

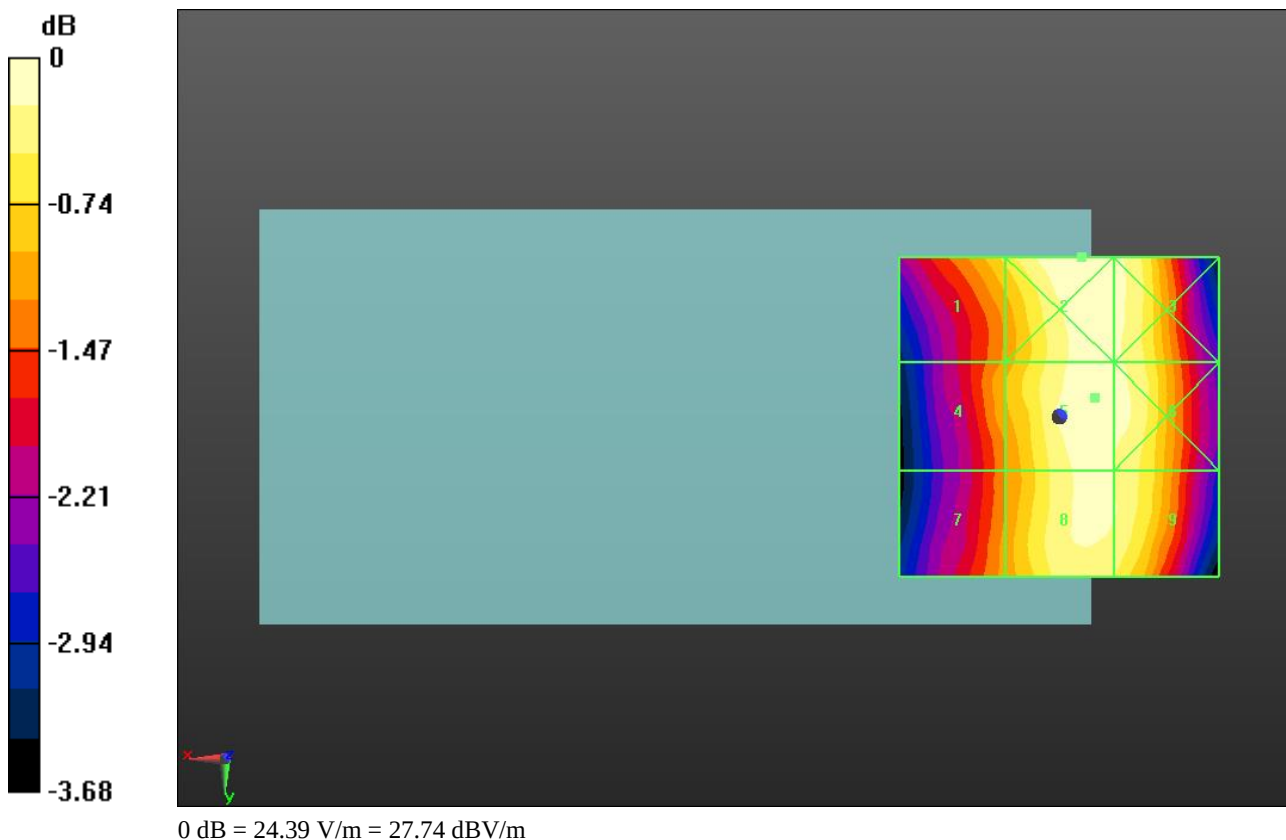
Applied MIF = 3.26 dB

RF audio interference level = 27.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.09 dBV/m	Grid 2 M4 27.75 dBV/m	Grid 3 M4 27.64 dBV/m
Grid 4 M4 26.77 dBV/m	Grid 5 M4 27.68 dBV/m	Grid 6 M4 27.66 dBV/m
Grid 7 M4 26.62 dBV/m	Grid 8 M4 27.6 dBV/m	Grid 9 M4 27.52 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 12.50 V/m; Power Drift = -0.04 dB

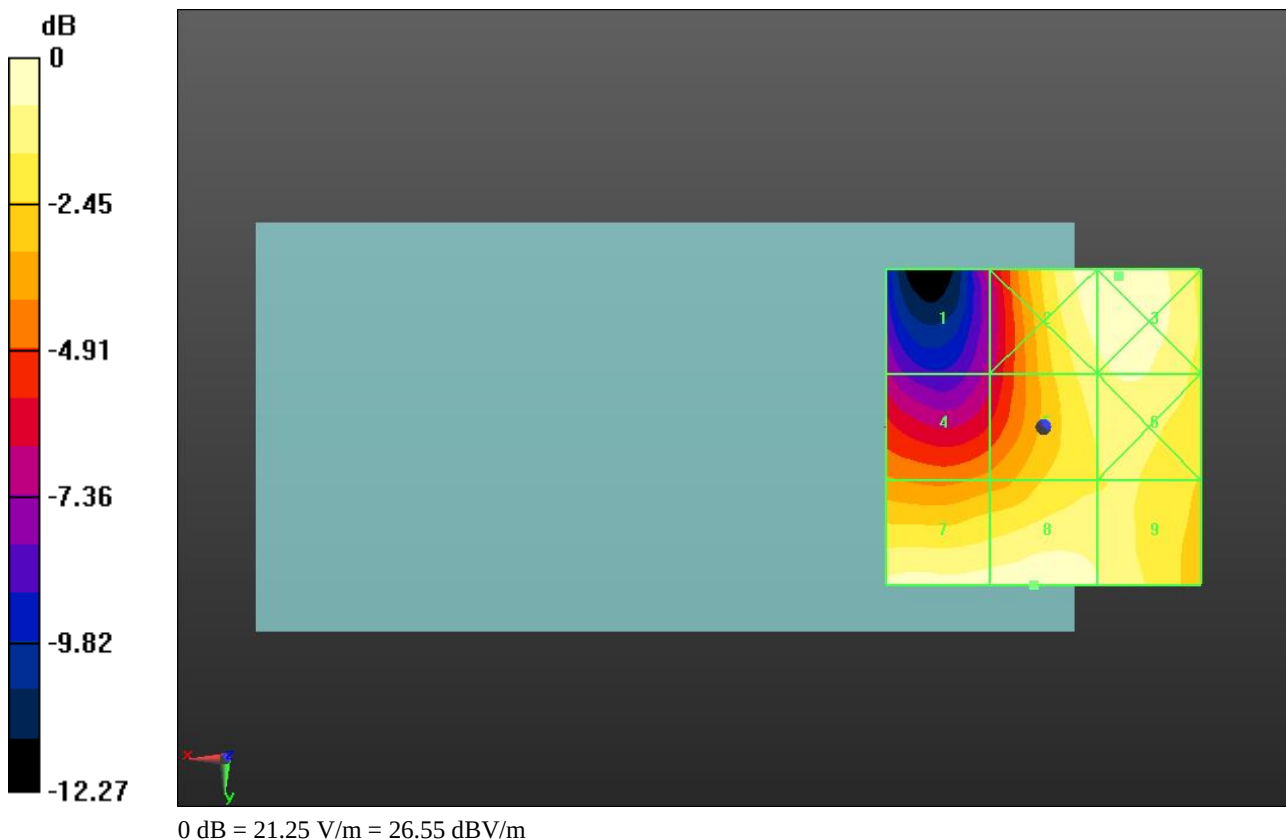
Applied MIF = 3.26 dB

RF audio interference level = 26.45 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.93 dBV/m	Grid 2 M4 26.35 dBV/m	Grid 3 M4 26.55 dBV/m
Grid 4 M4 22.85 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 25.86 dBV/m
Grid 7 M4 26.22 dBV/m	Grid 8 M4 26.45 dBV/m	Grid 9 M4 25.81 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 11.63 V/m; Power Drift = -0.06 dB

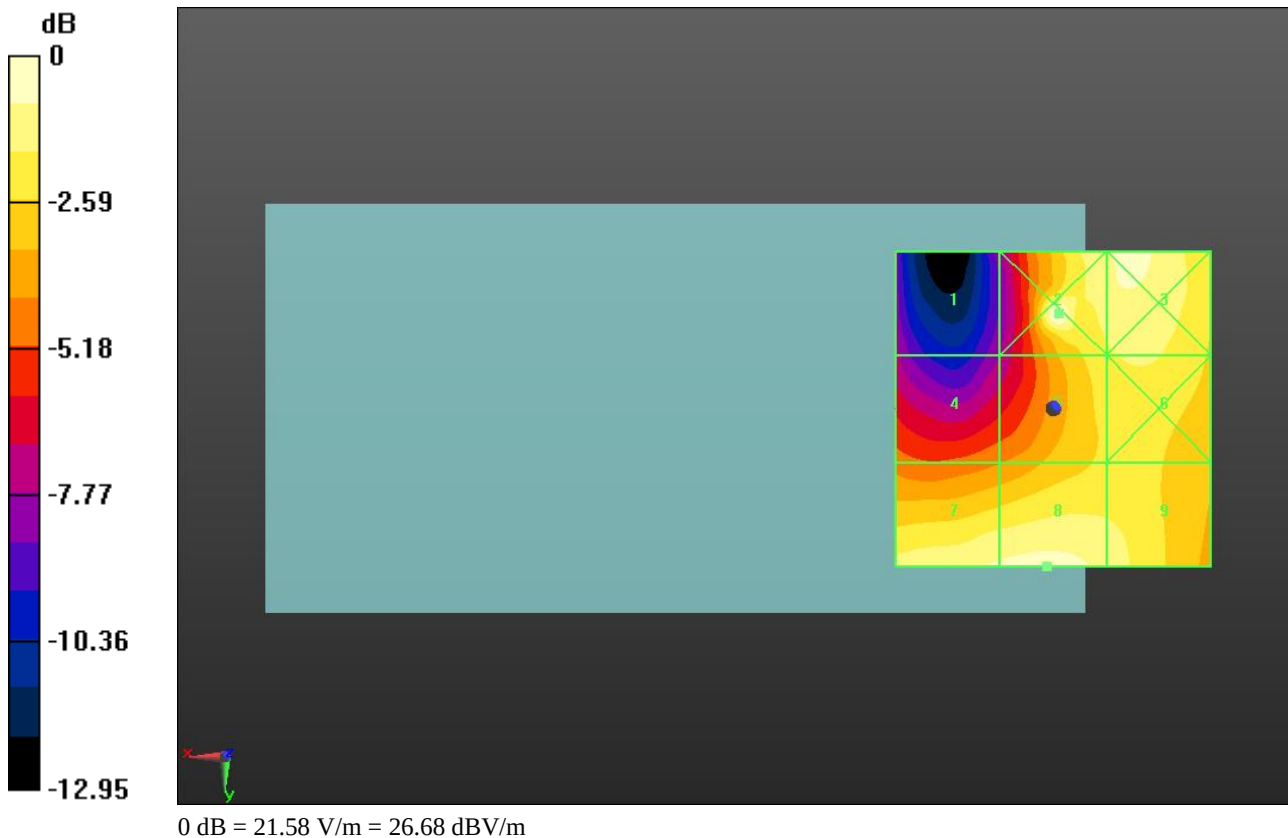
Applied MIF = 3.26 dB

RF audio interference level = 26.19 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.27 dBV/m	Grid 2 M4 26.68 dBV/m	Grid 3 M4 25.99 dBV/m
Grid 4 M4 22.32 dBV/m	Grid 5 M4 24.77 dBV/m	Grid 6 M4 25.11 dBV/m
Grid 7 M4 25.95 dBV/m	Grid 8 M4 26.19 dBV/m	Grid 9 M4 25.48 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 12.08 V/m; Power Drift = 0.04 dB

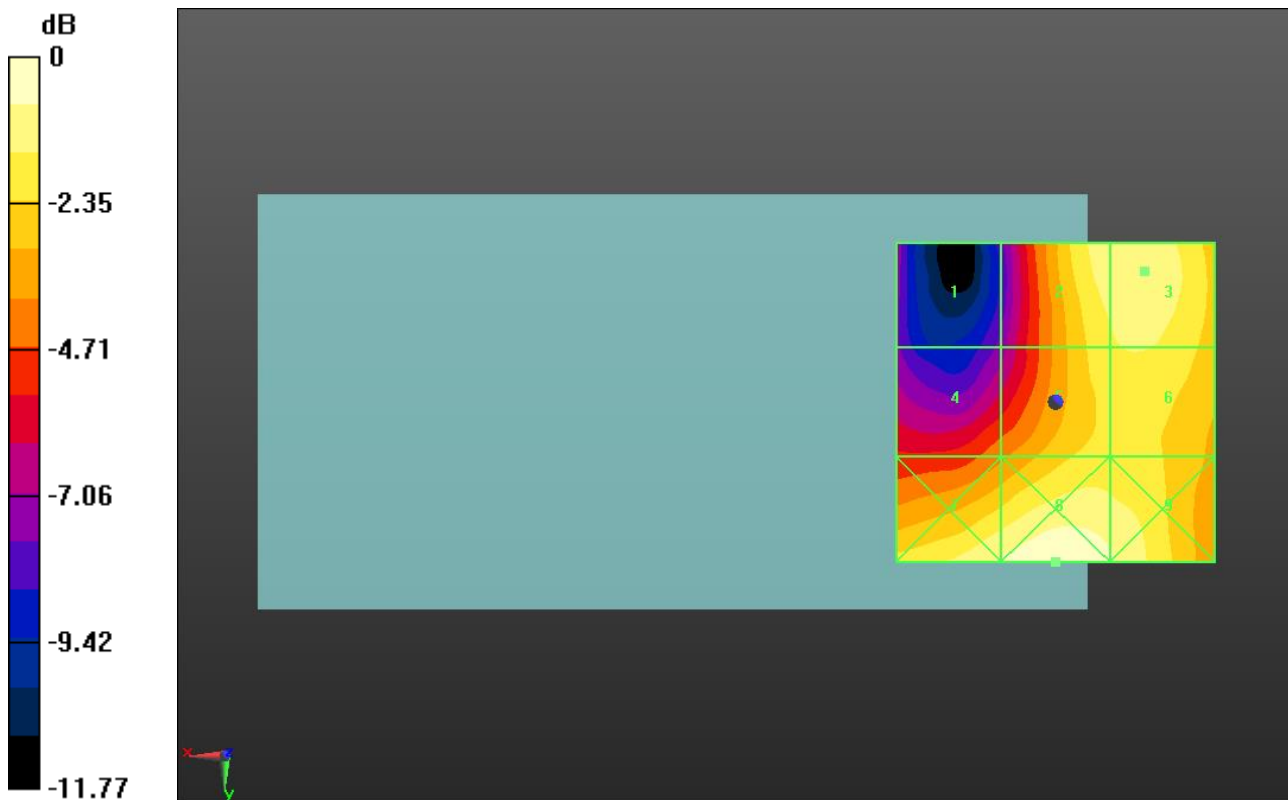
Applied MIF = 3.26 dB

RF audio interference level = 25.73 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.75 dBV/m	Grid 2 M4 25.49 dBV/m	Grid 3 M4 25.73 dBV/m
Grid 4 M4 22.47 dBV/m	Grid 5 M4 24.82 dBV/m	Grid 6 M4 25.05 dBV/m
Grid 7 M4 25.93 dBV/m	Grid 8 M4 26.57 dBV/m	Grid 9 M4 25.93 dBV/m



0 dB = 21.30 V/m = 26.57 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 21.81 V/m; Power Drift = -0.04 dB

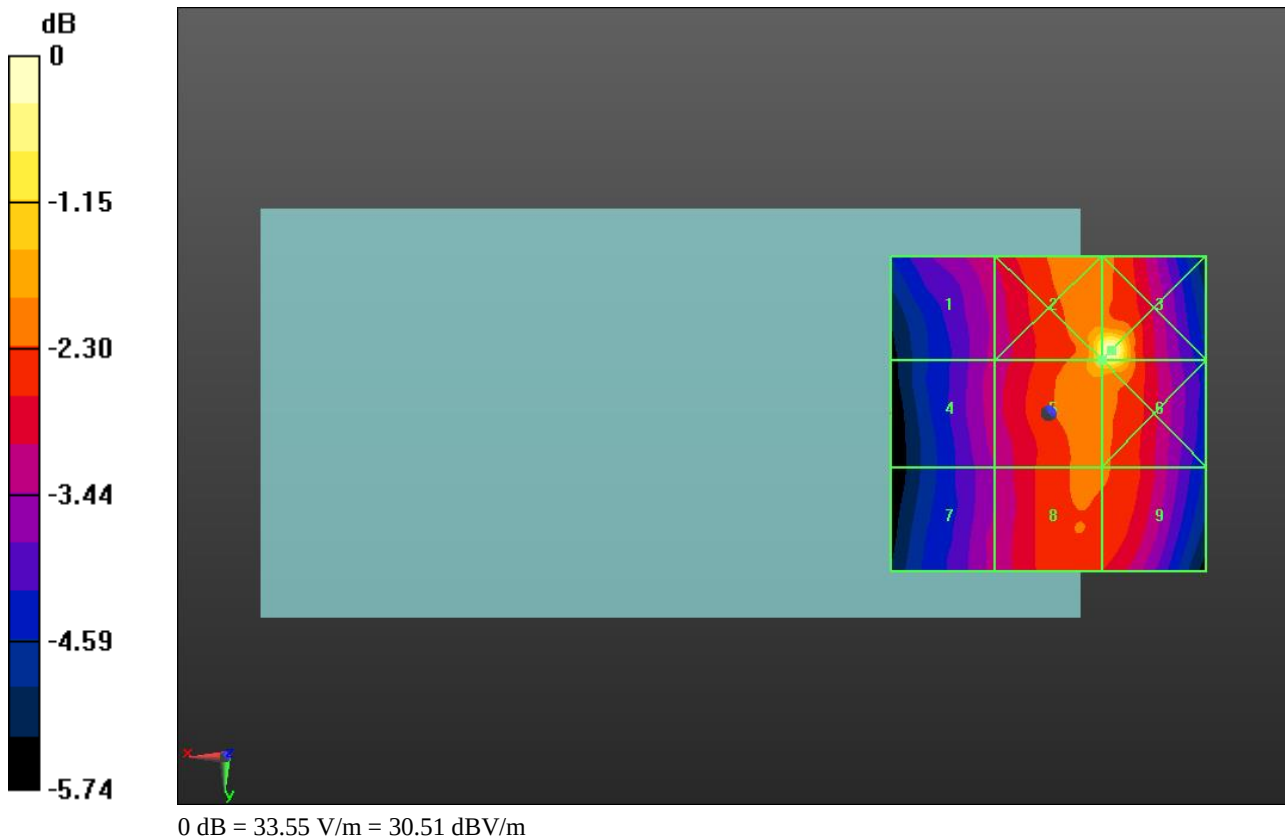
Applied MIF = 3.26 dB

RF audio interference level = 29.66 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.52 dBV/m	Grid 2 M4 30.05 dBV/m	Grid 3 M4 30.51 dBV/m
Grid 4 M4 27.32 dBV/m	Grid 5 M4 29.66 dBV/m	Grid 6 M4 29.98 dBV/m
Grid 7 M4 27.23 dBV/m	Grid 8 M4 28.29 dBV/m	Grid 9 M4 28.28 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 22.54 V/m; Power Drift = -0.02 dB

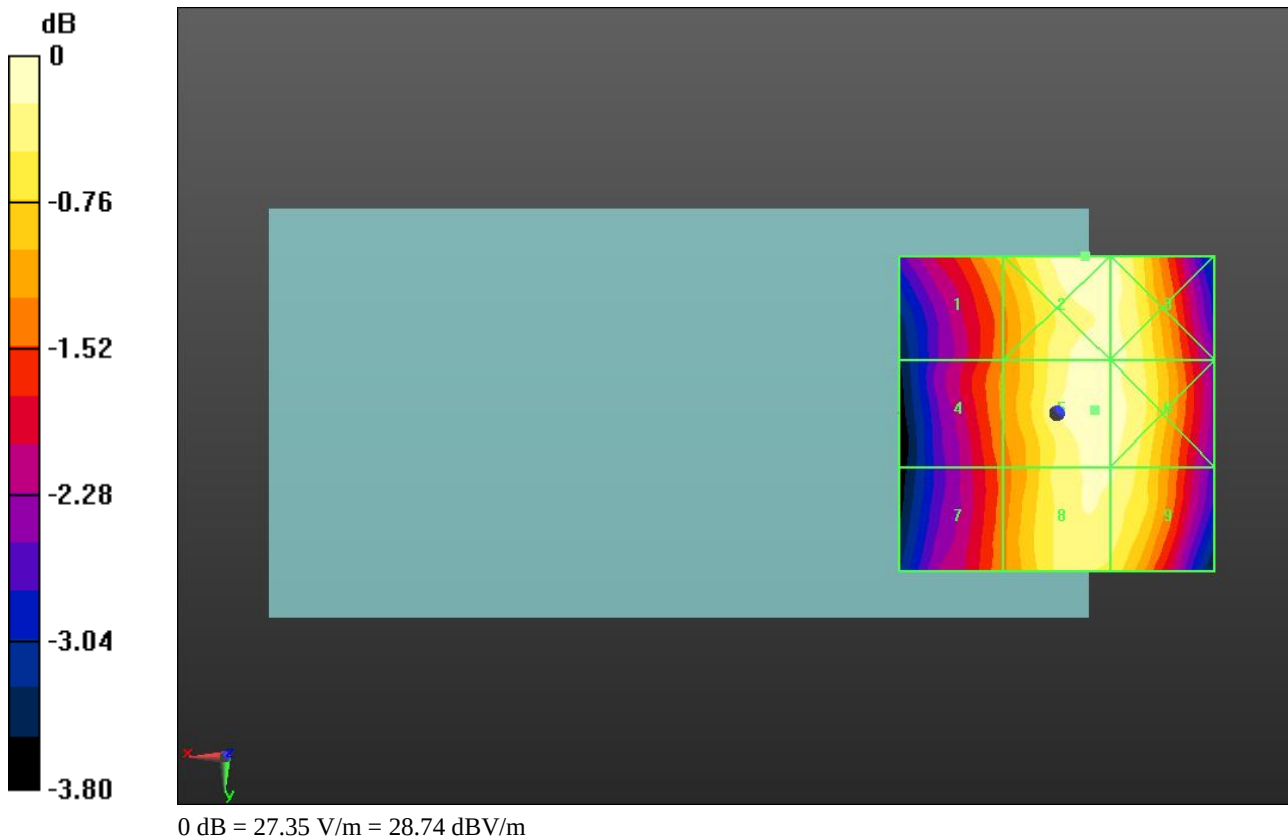
Applied MIF = 3.26 dB

RF audio interference level = 28.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.86 dBV/m	Grid 2 M4 28.74 dBV/m	Grid 3 M4 28.62 dBV/m
Grid 4 M4 27.55 dBV/m	Grid 5 M4 28.63 dBV/m	Grid 6 M4 28.61 dBV/m
Grid 7 M4 27.42 dBV/m	Grid 8 M4 28.53 dBV/m	Grid 9 M4 28.52 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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 = 22.79 V/m; Power Drift = -0.06 dB

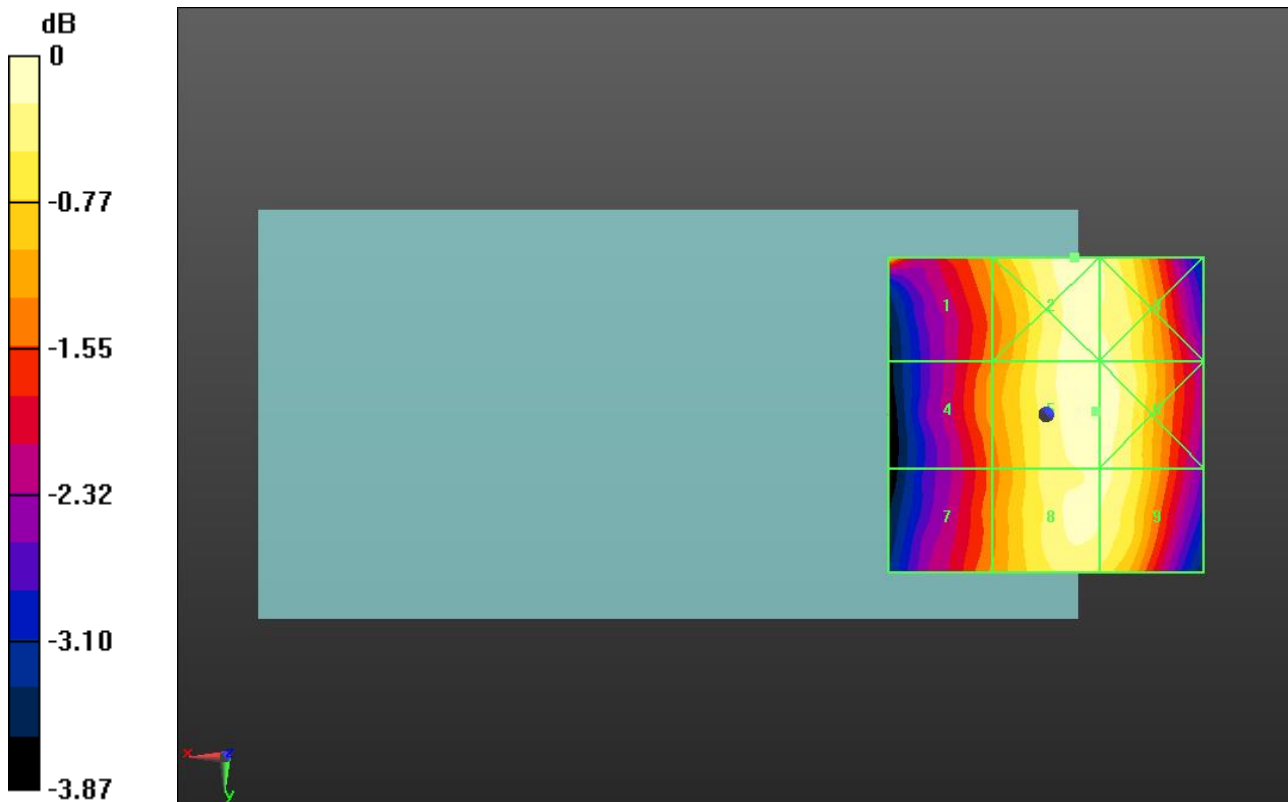
Applied MIF = 3.26 dB

RF audio interference level = 28.74 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.24 dBV/m	Grid 2 M4 28.82 dBV/m	Grid 3 M4 28.65 dBV/m
Grid 4 M4 27.66 dBV/m	Grid 5 M4 28.74 dBV/m	Grid 6 M4 28.74 dBV/m
Grid 7 M4 27.59 dBV/m	Grid 8 M4 28.69 dBV/m	Grid 9 M4 28.64 dBV/m



0 dB = 27.59 V/m = 28.82 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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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)

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 = 6.247 V/m; Power Drift = 0.01 dB

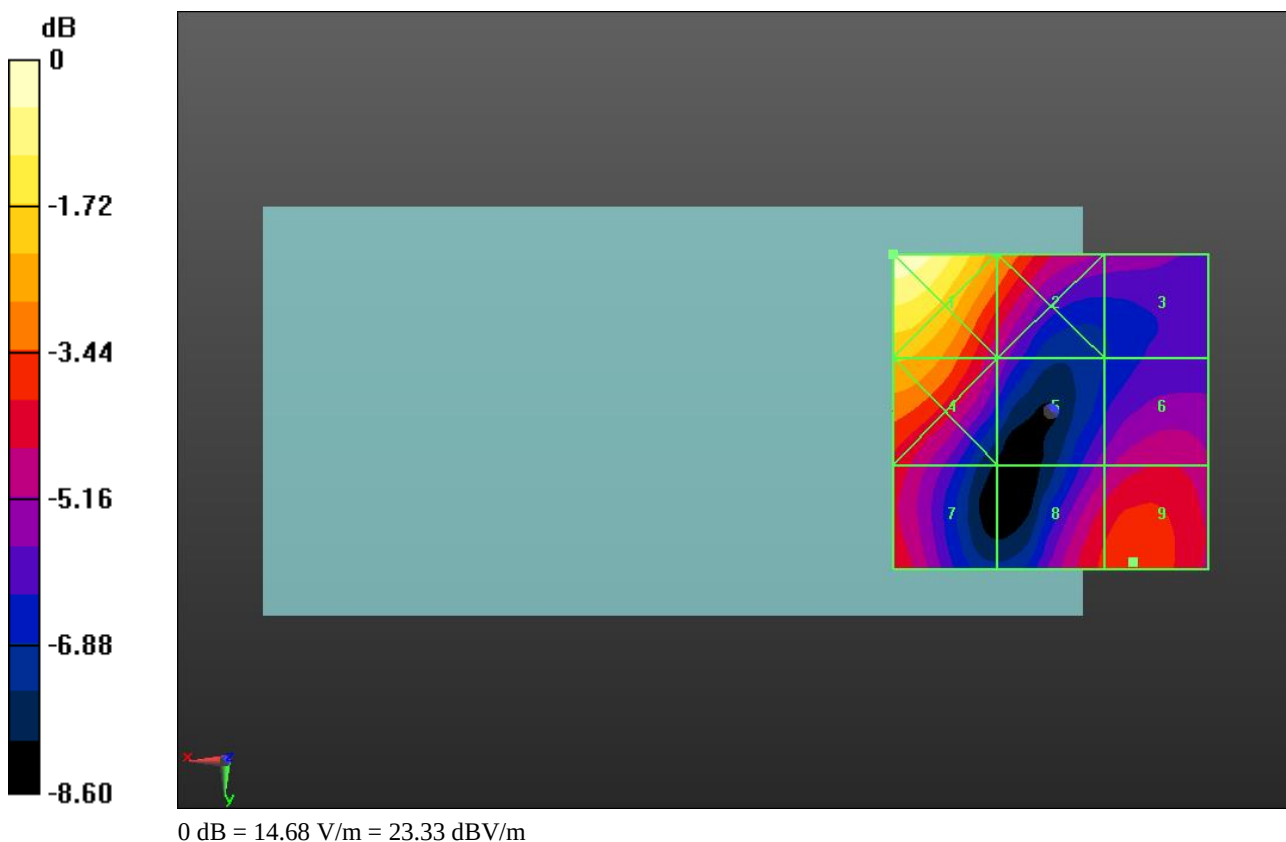
Applied MIF = -1.44 dB

RF audio interference level = 19.68 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.34 dBV/m	Grid 2 M4 20.67 dBV/m	Grid 3 M4 18.14 dBV/m
Grid 4 M4 21.12 dBV/m	Grid 5 M4 18.18 dBV/m	Grid 6 M4 18.78 dBV/m
Grid 7 M4 19.36 dBV/m	Grid 8 M4 19.44 dBV/m	Grid 9 M4 19.68 dBV/m



HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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)

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 = 8.122 V/m; Power Drift = 0.04 dB

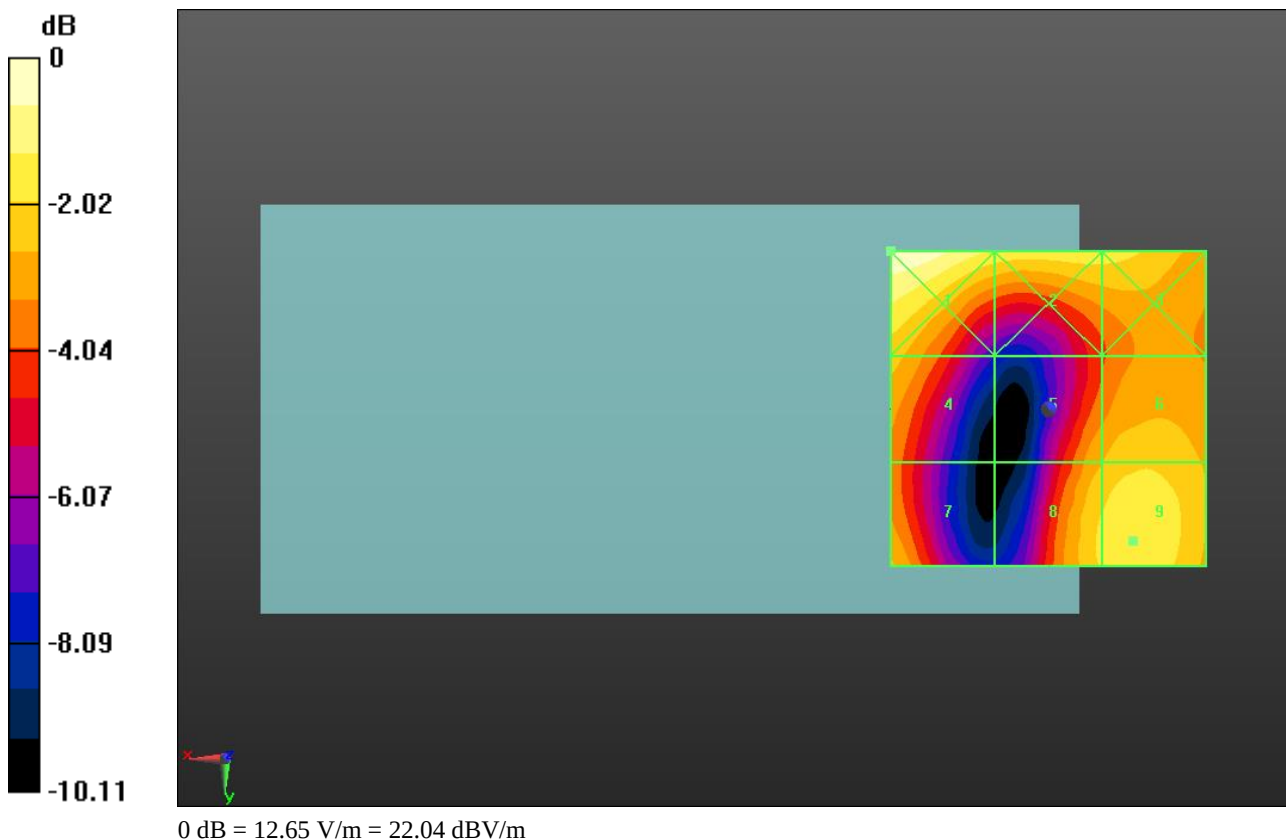
Applied MIF = -1.44 dB

RF audio interference level = 20.53 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.04 dBV/m	Grid 2 M4 20.62 dBV/m	Grid 3 M4 20.39 dBV/m
Grid 4 M4 19.65 dBV/m	Grid 5 M4 19.35 dBV/m	Grid 6 M4 19.94 dBV/m
Grid 7 M4 19.52 dBV/m	Grid 8 M4 20.18 dBV/m	Grid 9 M4 20.53 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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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)

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 = 8.299 V/m; Power Drift = -0.06 dB

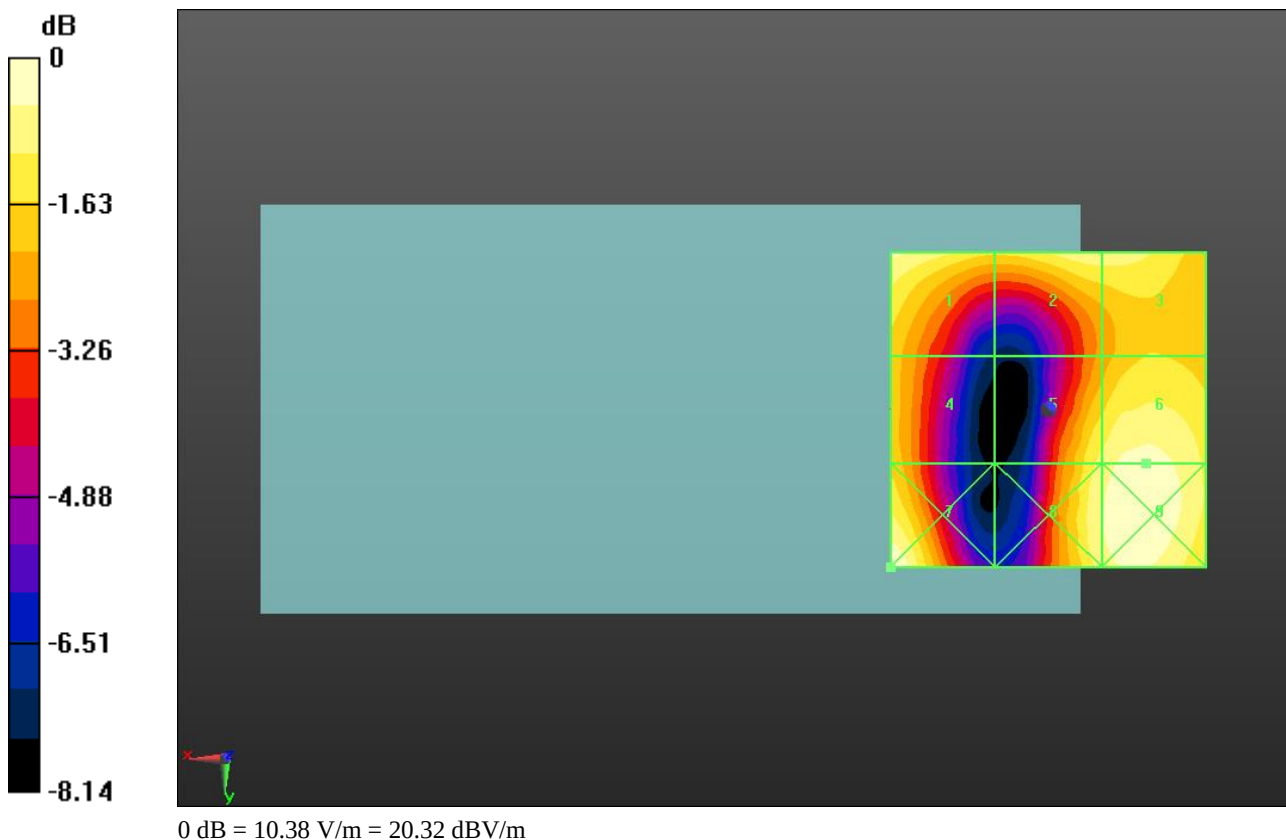
Applied MIF = -1.44 dB

RF audio interference level = 19.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.95 dBV/m	Grid 2 M4 19.69 dBV/m	Grid 3 M4 19.65 dBV/m
Grid 4 M4 18.6 dBV/m	Grid 5 M4 19.4 dBV/m	Grid 6 M4 19.98 dBV/m
Grid 7 M4 20.32 dBV/m	Grid 8 M4 19.78 dBV/m	Grid 9 M4 20.26 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

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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)

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 = 7.873 V/m; Power Drift = 0.11 dB

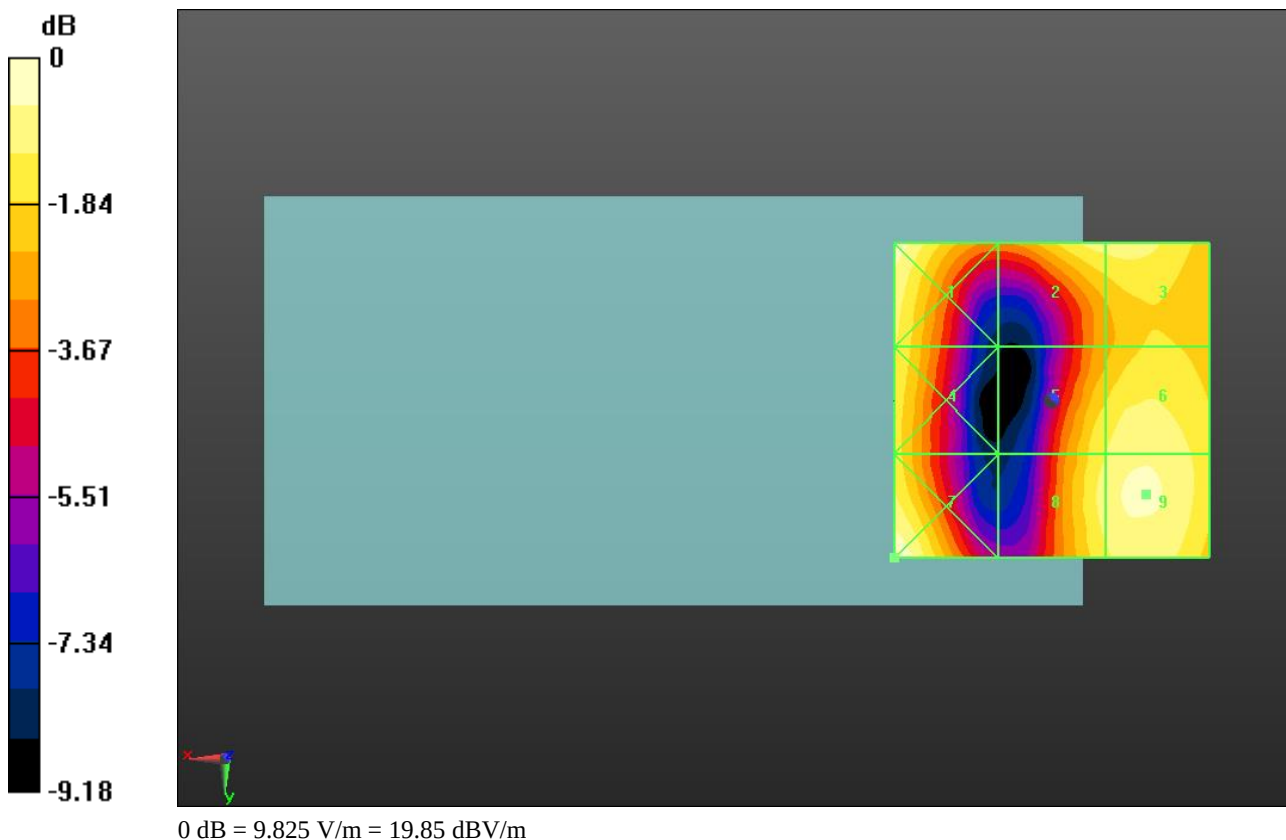
Applied MIF = -1.44 dB

RF audio interference level = 19.39 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.7 dBV/m	Grid 2 M4 18.95 dBV/m	Grid 3 M4 18.99 dBV/m
Grid 4 M4 18.68 dBV/m	Grid 5 M4 18.62 dBV/m	Grid 6 M4 19.15 dBV/m
Grid 7 M4 19.85 dBV/m	Grid 8 M4 18.86 dBV/m	Grid 9 M4 19.39 dBV/m



HAC-RF Emission

Communication System: UID 10173 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2689.9 MHz; Duty Cycle: 1:8

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/26/2015;
- 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)

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 = 7.707 V/m; Power Drift = -0.13 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.03 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.92 dBV/m	Grid 2 M4 18.23 dBV/m	Grid 3 M4 18.34 dBV/m
Grid 4 M4 18.58 dBV/m	Grid 5 M4 18.4 dBV/m	Grid 6 M4 18.92 dBV/m
Grid 7 M4 19.68 dBV/m	Grid 8 M4 18.52 dBV/m	Grid 9 M4 19.03 dBV/m

