

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 53.99 V/m; Power Drift = -0.02 dB

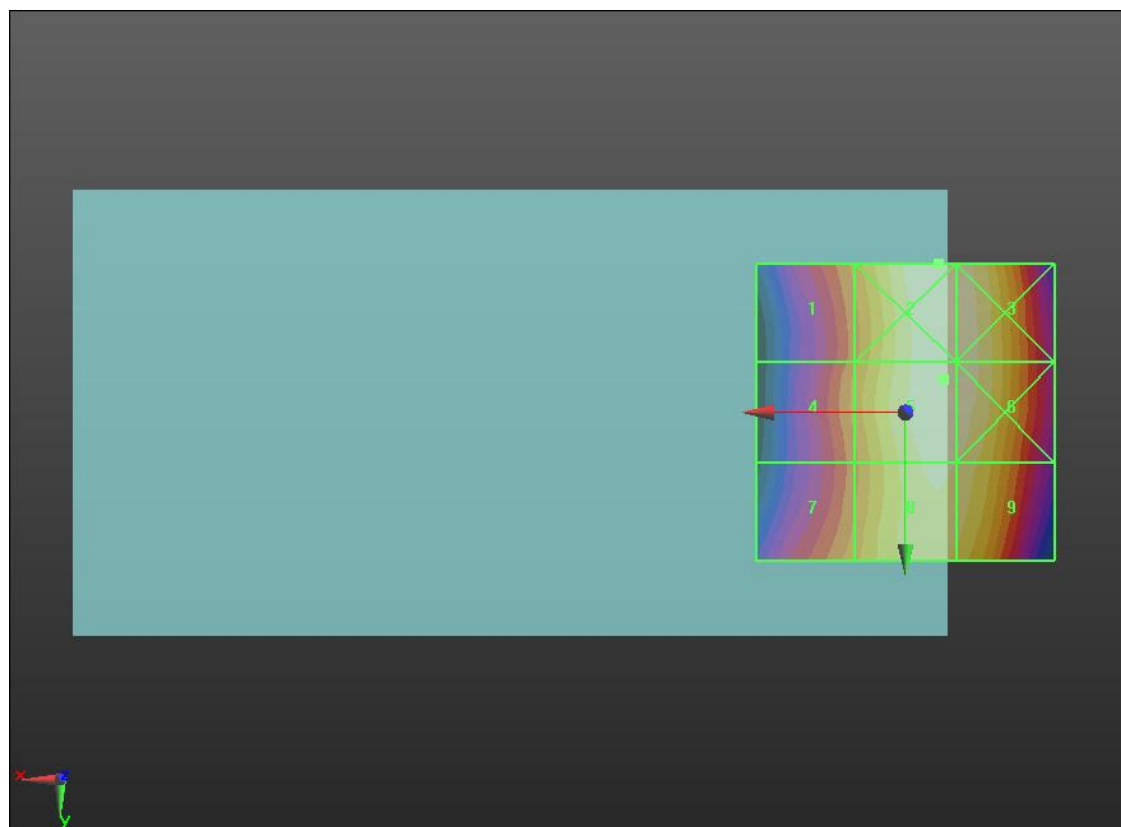
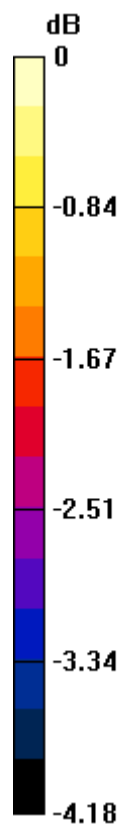
Applied MIF = 3.63 dB

RF audio interference level = 36.52 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.27 dBV/m	Grid 2 M4 36.52 dBV/m	Grid 3 M4 36.5 dBV/m
Grid 4 M4 35.26 dBV/m	Grid 5 M4 36.52 dBV/m	Grid 6 M4 36.5 dBV/m
Grid 7 M4 35.34 dBV/m	Grid 8 M4 36.31 dBV/m	Grid 9 M4 36.24 dBV/m



0 dB = 67.02 V/m = 36.52 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 56.05 V/m; Power Drift = -0.08 dB

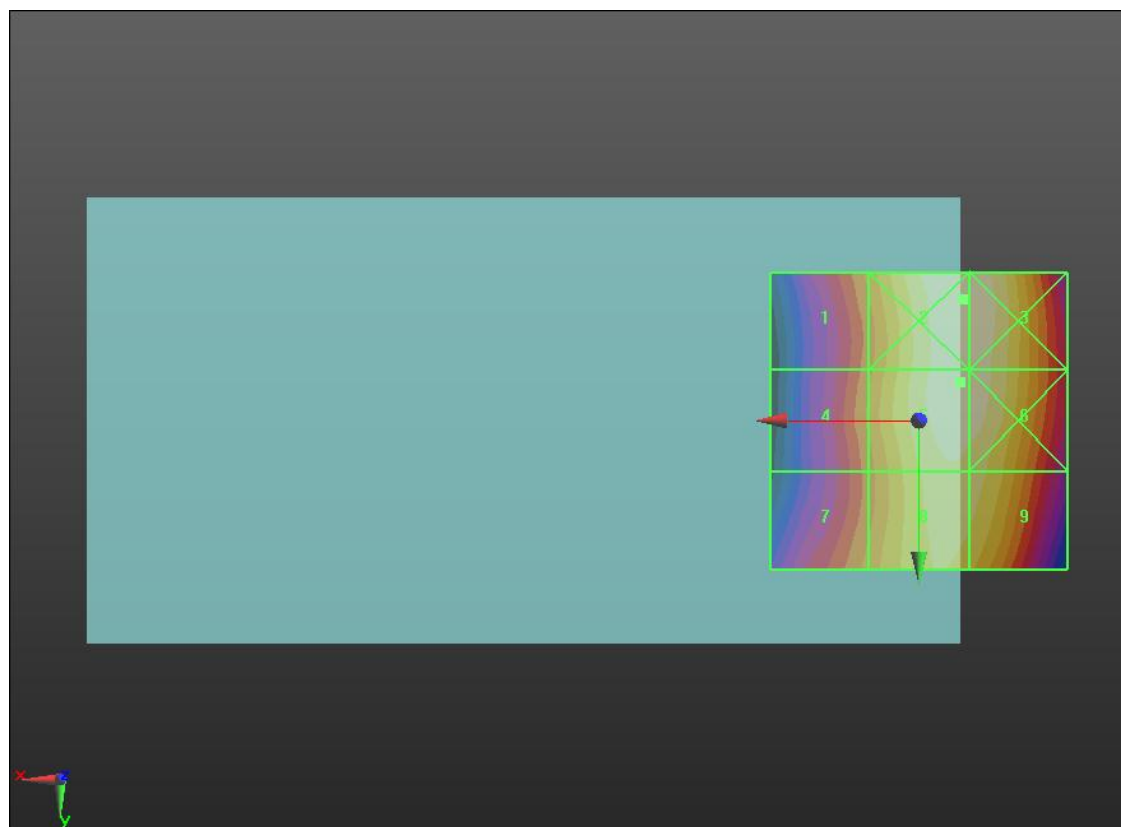
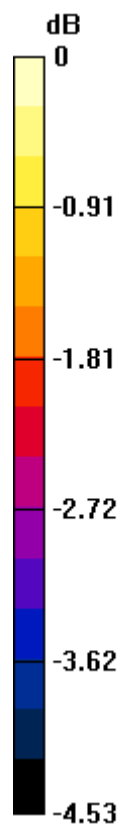
Applied MIF = 3.63 dB

RF audio interference level = 36.86 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 35.55 dBV/m	Grid 2 M4 36.94 dBV/m	Grid 3 M4 36.93 dBV/m
Grid 4 M4 35.51 dBV/m	Grid 5 M4 36.86 dBV/m	Grid 6 M4 36.85 dBV/m
Grid 7 M4 35.56 dBV/m	Grid 8 M4 36.59 dBV/m	Grid 9 M4 36.54 dBV/m



0 dB = 70.34 V/m = 36.94 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 53.03 V/m; Power Drift = -0.06 dB

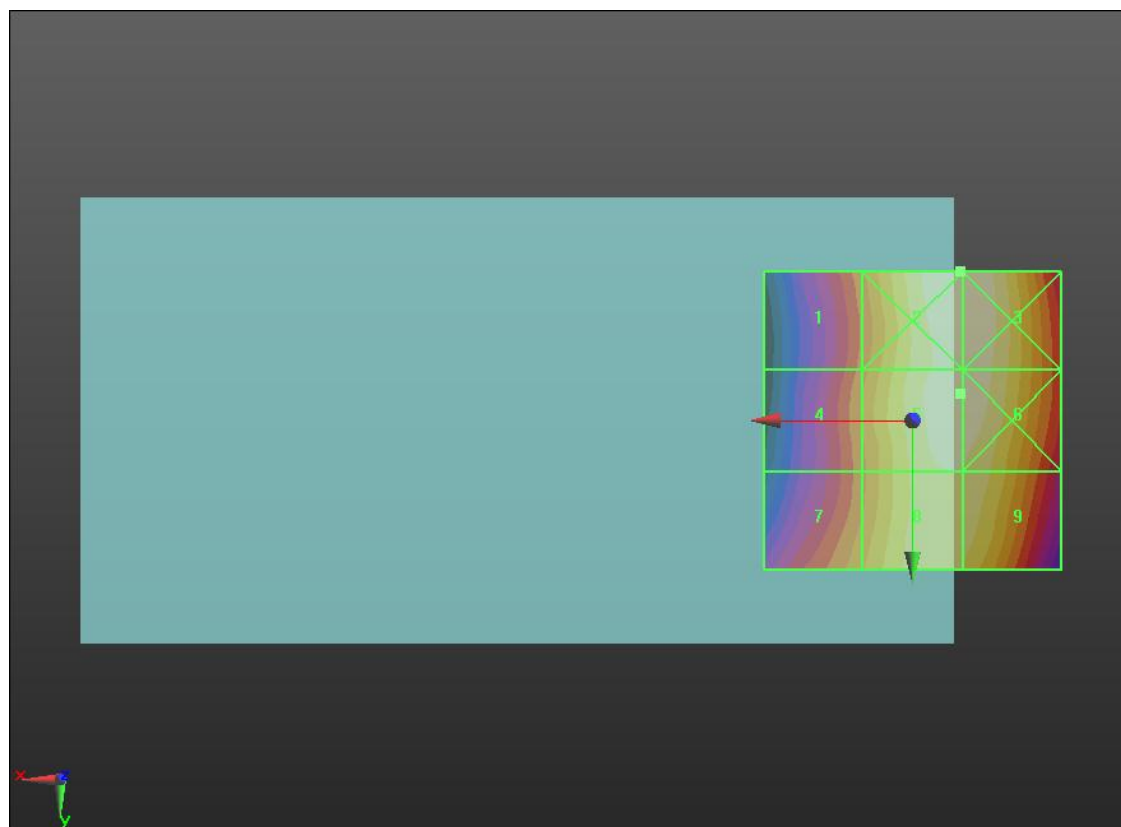
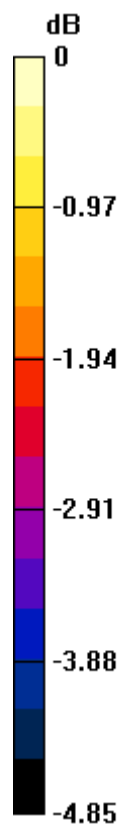
Applied MIF = 3.63 dB

RF audio interference level = 36.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.88 dBV/m	Grid 2 M4 36.56 dBV/m	Grid 3 M4 36.55 dBV/m
Grid 4 M4 34.98 dBV/m	Grid 5 M4 36.46 dBV/m	Grid 6 M4 36.46 dBV/m
Grid 7 M4 35.23 dBV/m	Grid 8 M4 36.24 dBV/m	Grid 9 M4 36.22 dBV/m



0 dB = 67.26 V/m = 36.56 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 12.95 V/m; Power Drift = 0.08 dB

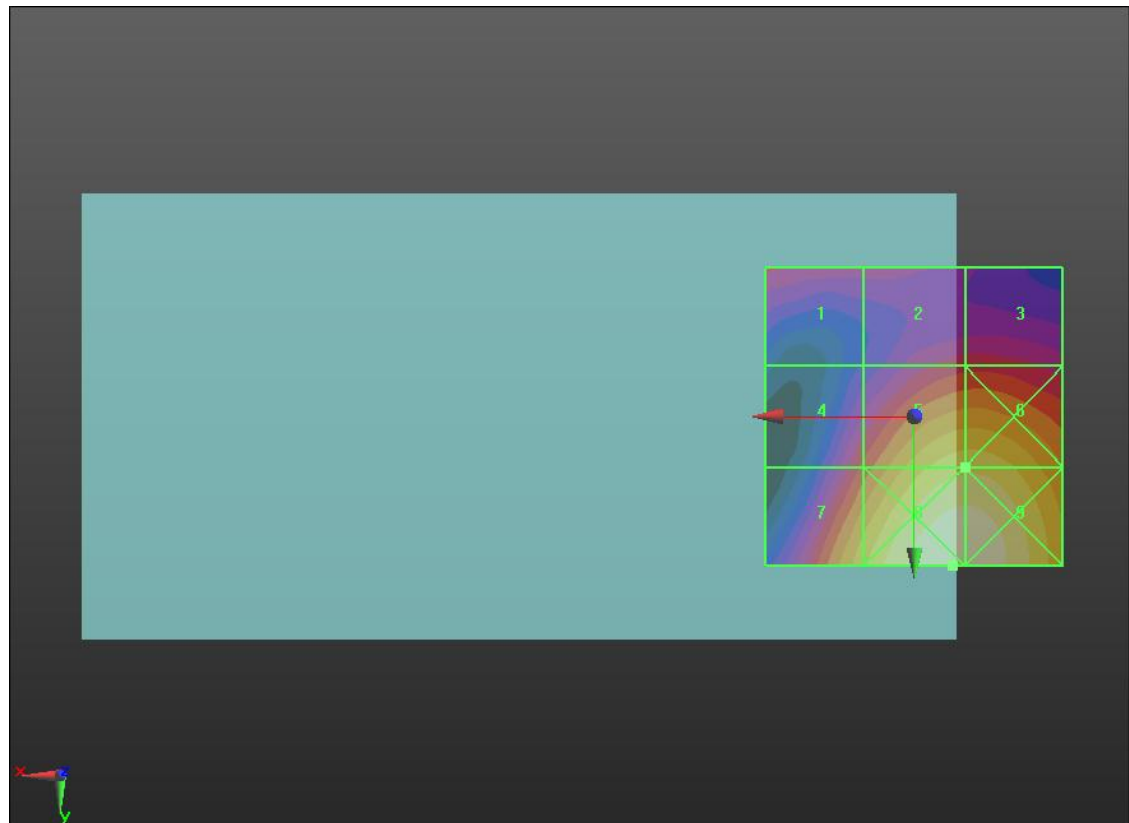
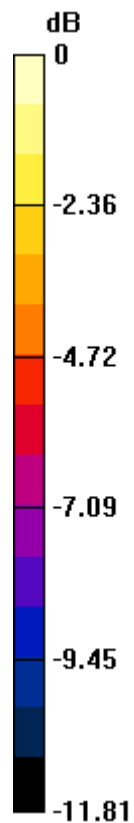
Applied MIF = 3.63 dB

RF audio interference level = 26.58 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.39 dBV/m	Grid 2 M4 22.58 dBV/m	Grid 3 M4 22.63 dBV/m
Grid 4 M4 23.18 dBV/m	Grid 5 M4 26.58 dBV/m	Grid 6 M4 26.59 dBV/m
Grid 7 M4 25.88 dBV/m	Grid 8 M4 28.37 dBV/m	Grid 9 M4 28.34 dBV/m



0 dB = 26.22 V/m = 28.37 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 13.46 V/m; Power Drift = -0.07 dB

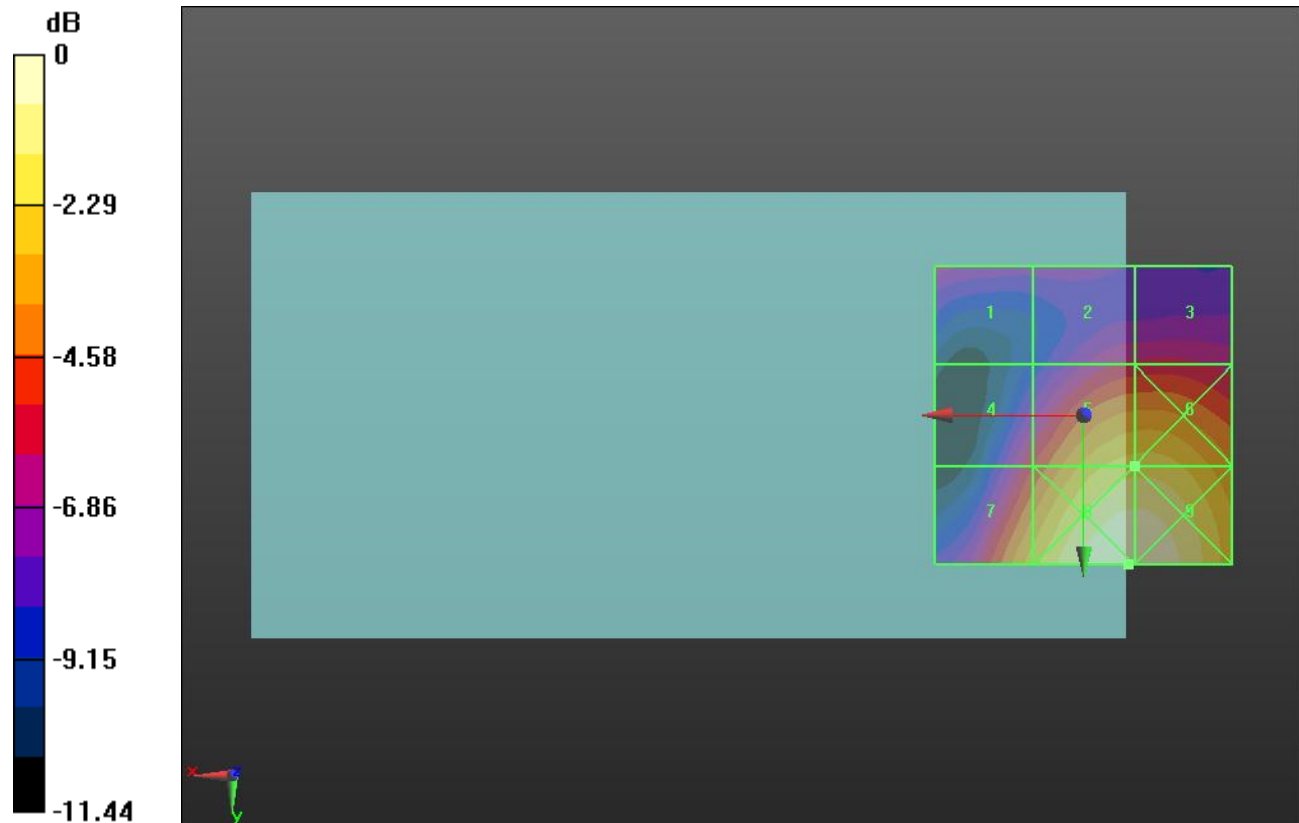
Applied MIF = 3.63 dB

RF audio interference level = 26.91 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 22.37 dBV/m	Grid 2 M4 22.93 dBV/m	Grid 3 M4 23.05 dBV/m
Grid 4 M4 23.49 dBV/m	Grid 5 M4 26.91 dBV/m	Grid 6 M4 26.94 dBV/m
Grid 7 M4 26.27 dBV/m	Grid 8 M4 28.8 dBV/m	Grid 9 M4 28.79 dBV/m



0 dB = 27.54 V/m = 28.80 dBV/m

HAC-RF Emission

Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.94 V/m; Power Drift = -0.01 dB

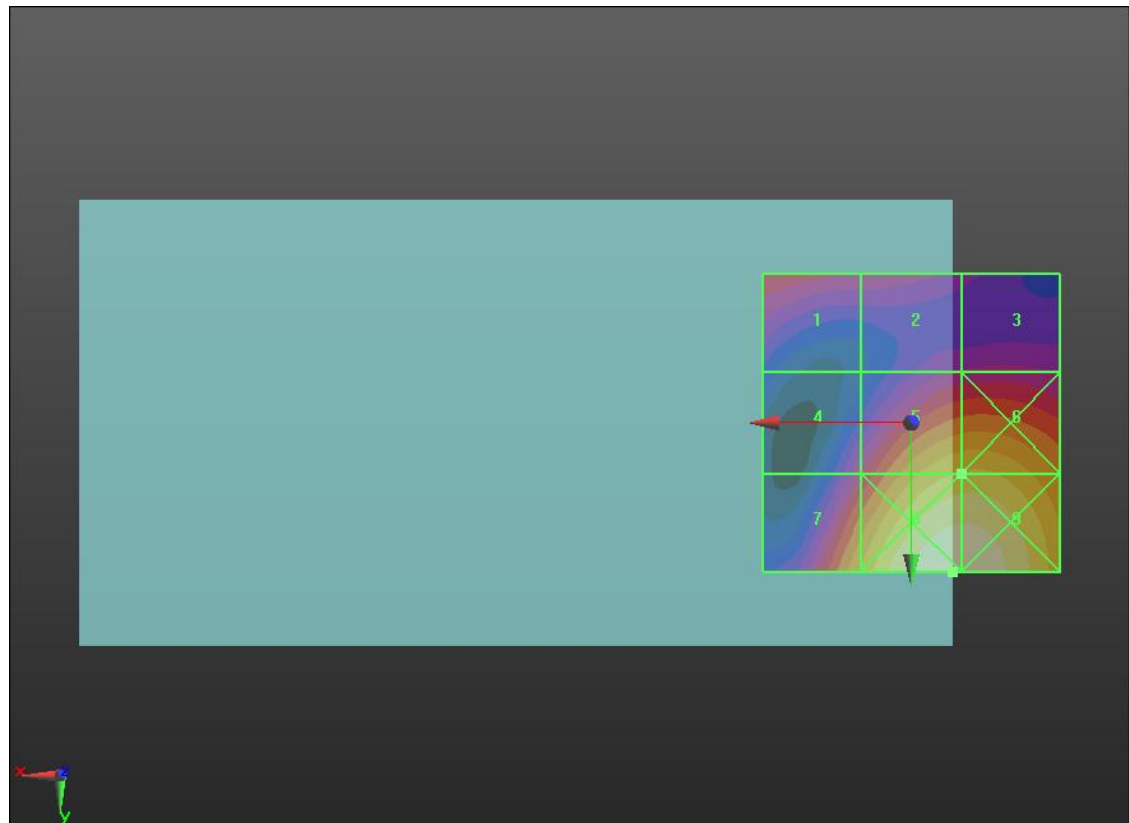
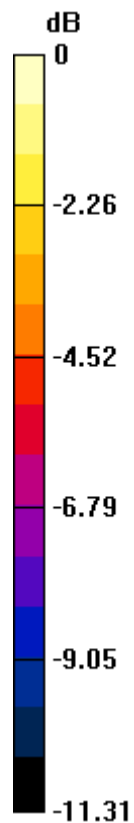
Applied MIF = 3.63 dB

RF audio interference level = 26.76 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.7 dBV/m	Grid 2 M4 22.88 dBV/m	Grid 3 M4 22.46 dBV/m
Grid 4 M4 22.83 dBV/m	Grid 5 M4 26.76 dBV/m	Grid 6 M4 26.81 dBV/m
Grid 7 M4 26.04 dBV/m	Grid 8 M4 28.91 dBV/m	Grid 9 M4 28.9 dBV/m



0 dB = 27.90 V/m = 28.91 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 31.26 V/m; Power Drift = -1.33 dB

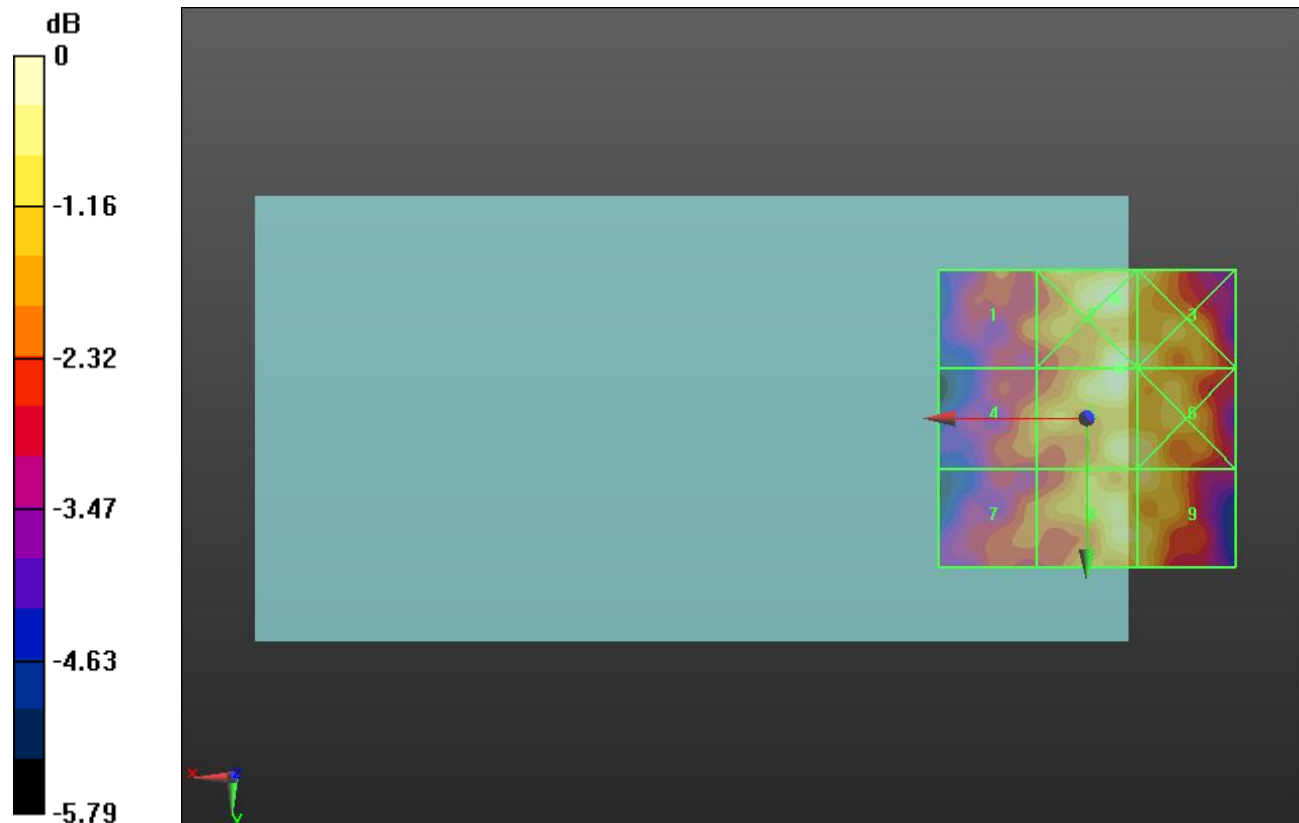
Applied MIF = 3.26 dB

RF audio interference level = 31.00 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.26 dBV/m	Grid 2 M4 31.22 dBV/m	Grid 3 M4 30.73 dBV/m
Grid 4 M4 29.51 dBV/m	Grid 5 M4 31 dBV/m	Grid 6 M4 30.69 dBV/m
Grid 7 M4 29.17 dBV/m	Grid 8 M4 30.63 dBV/m	Grid 9 M4 30.58 dBV/m



0 dB = 36.40 V/m = 31.22 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 24.84 V/m; Power Drift = -0.12 dB

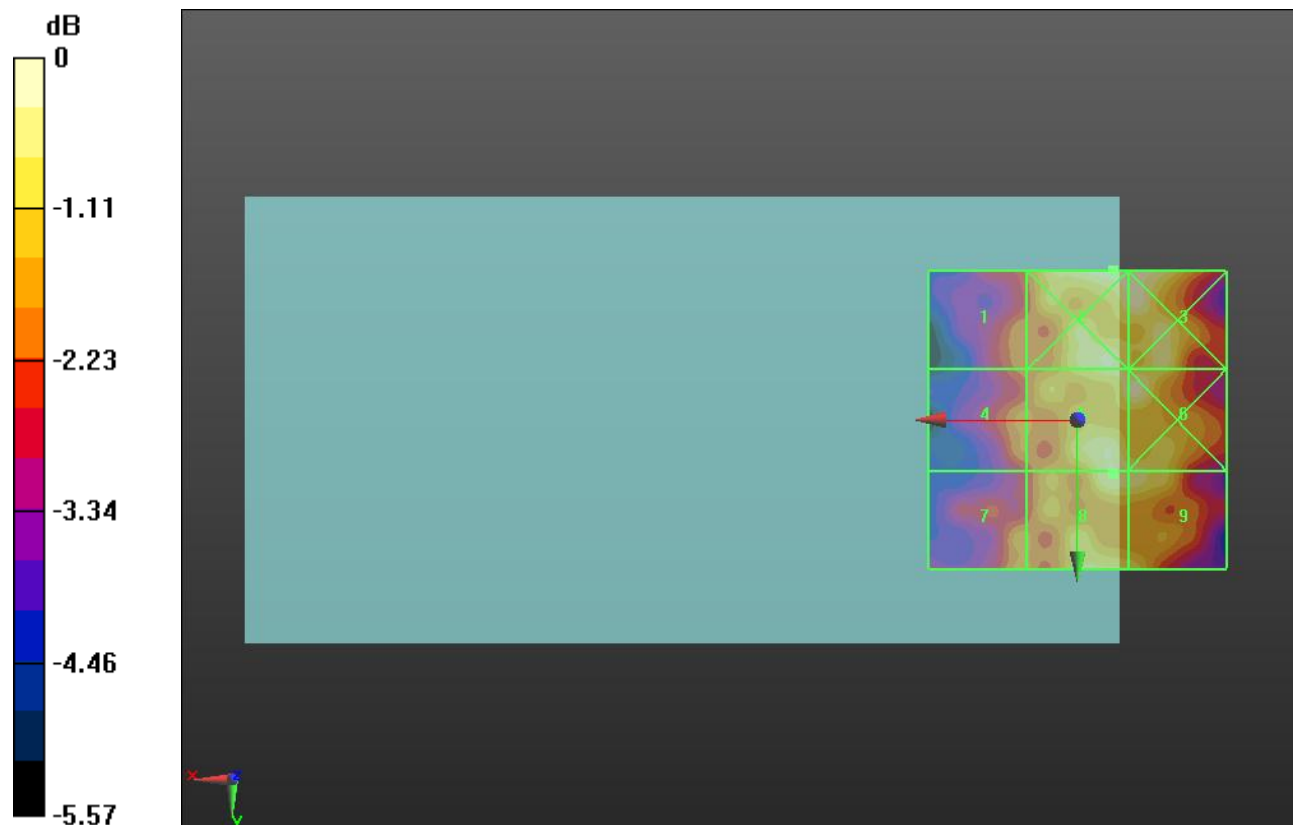
Applied MIF = 3.26 dB

RF audio interference level = 29.08 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.57 dBV/m	Grid 2 M4 29.41 dBV/m	Grid 3 M4 29.35 dBV/m
Grid 4 M4 27.75 dBV/m	Grid 5 M4 29.08 dBV/m	Grid 6 M4 29.23 dBV/m
Grid 7 M4 27.83 dBV/m	Grid 8 M4 29.08 dBV/m	Grid 9 M4 28.92 dBV/m



0 dB = 29.55 V/m = 29.41 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 23.90 V/m; Power Drift = 0.95 dB

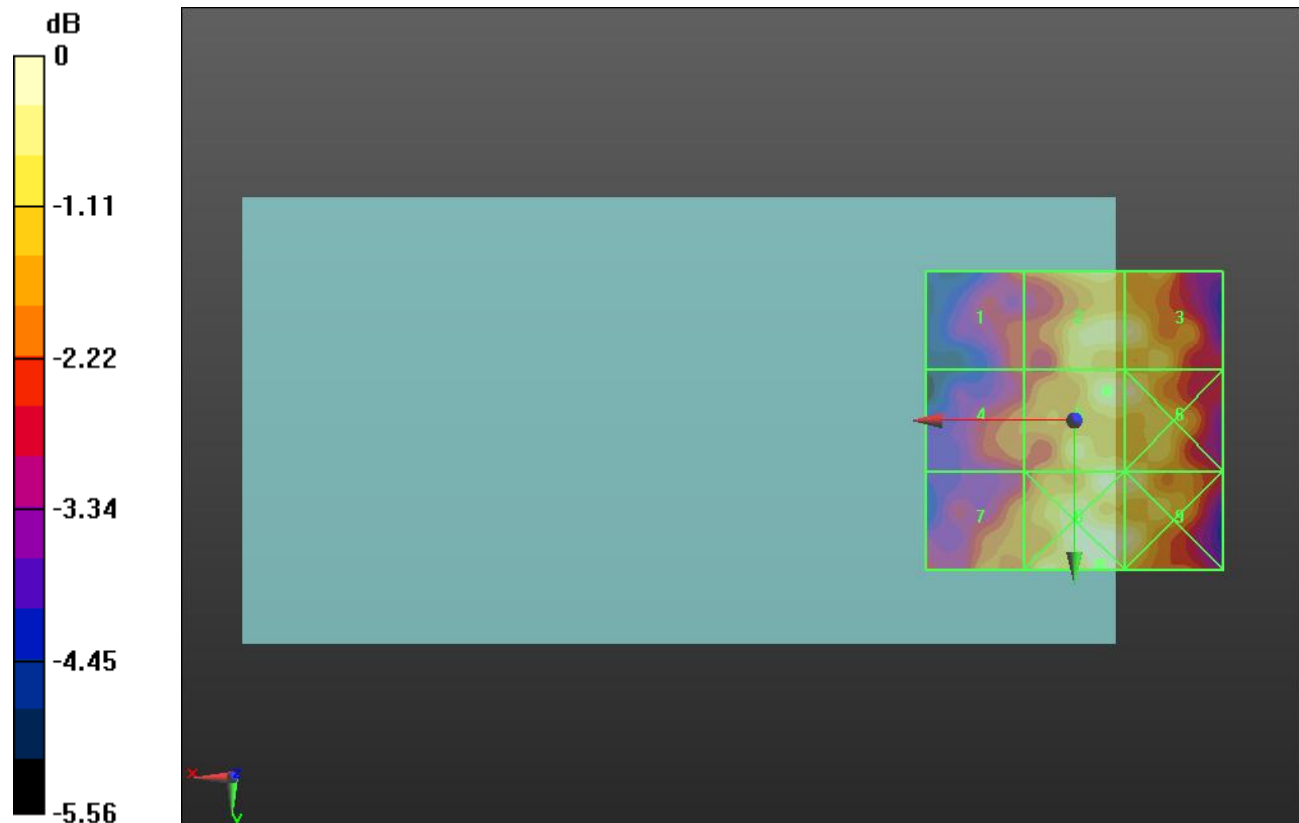
Applied MIF = 3.26 dB

RF audio interference level = 29.90 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.18 dBV/m	Grid 2 M4 29.78 dBV/m	Grid 3 M4 29.83 dBV/m
Grid 4 M4 28.37 dBV/m	Grid 5 M4 29.9 dBV/m	Grid 6 M4 29.85 dBV/m
Grid 7 M4 28.61 dBV/m	Grid 8 M4 30.17 dBV/m	Grid 9 M4 29.89 dBV/m



0 dB = 32.23 V/m = 30.17 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 8.284 V/m; Power Drift = 1.19 dB

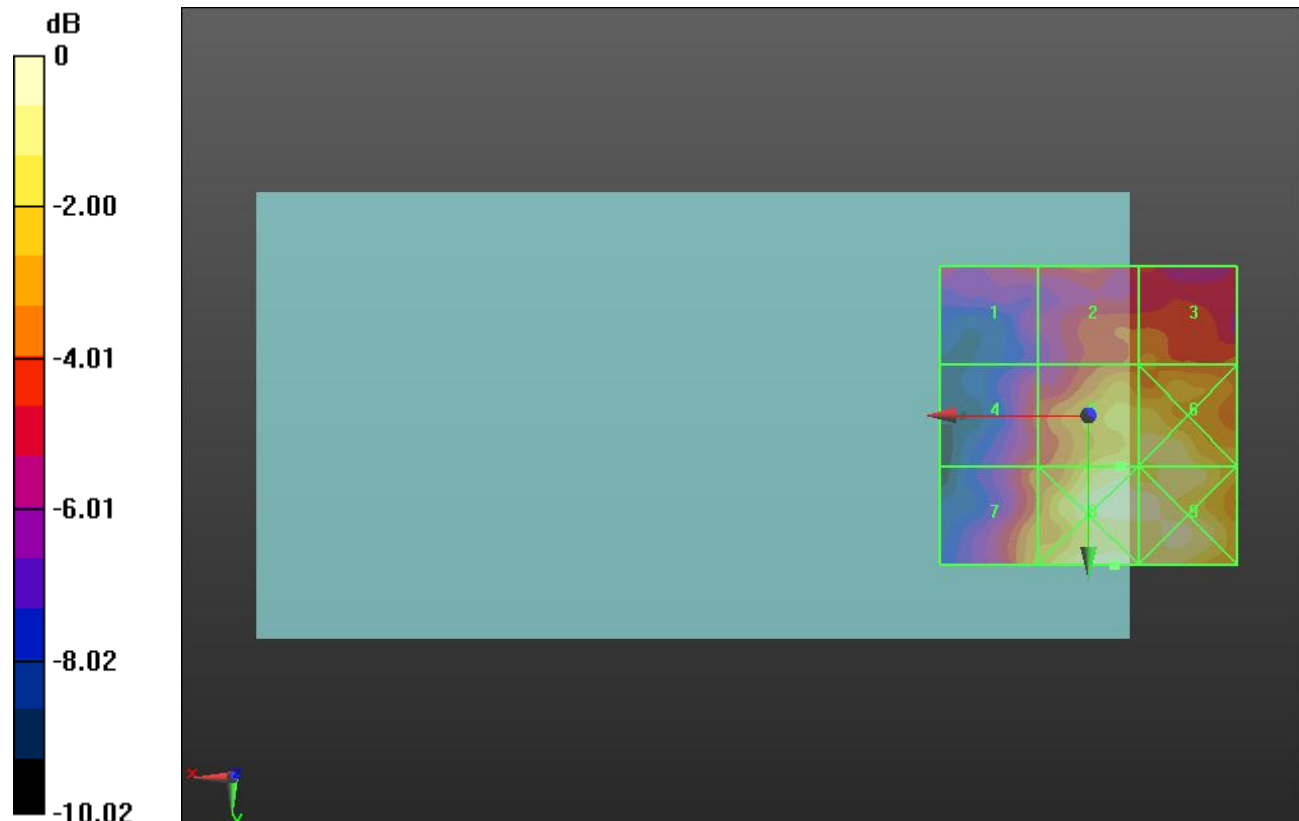
Applied MIF = 3.26 dB

RF audio interference level = 21.38 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.02 dBV/m	Grid 2 M4 19.12 dBV/m	Grid 3 M4 19.3 dBV/m
Grid 4 M4 18.45 dBV/m	Grid 5 M4 21.38 dBV/m	Grid 6 M4 21.63 dBV/m
Grid 7 M4 20.11 dBV/m	Grid 8 M4 22.49 dBV/m	Grid 9 M4 22.26 dBV/m



0 dB = 13.31 V/m = 22.48 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 8.943 V/m; Power Drift = -0.84 dB

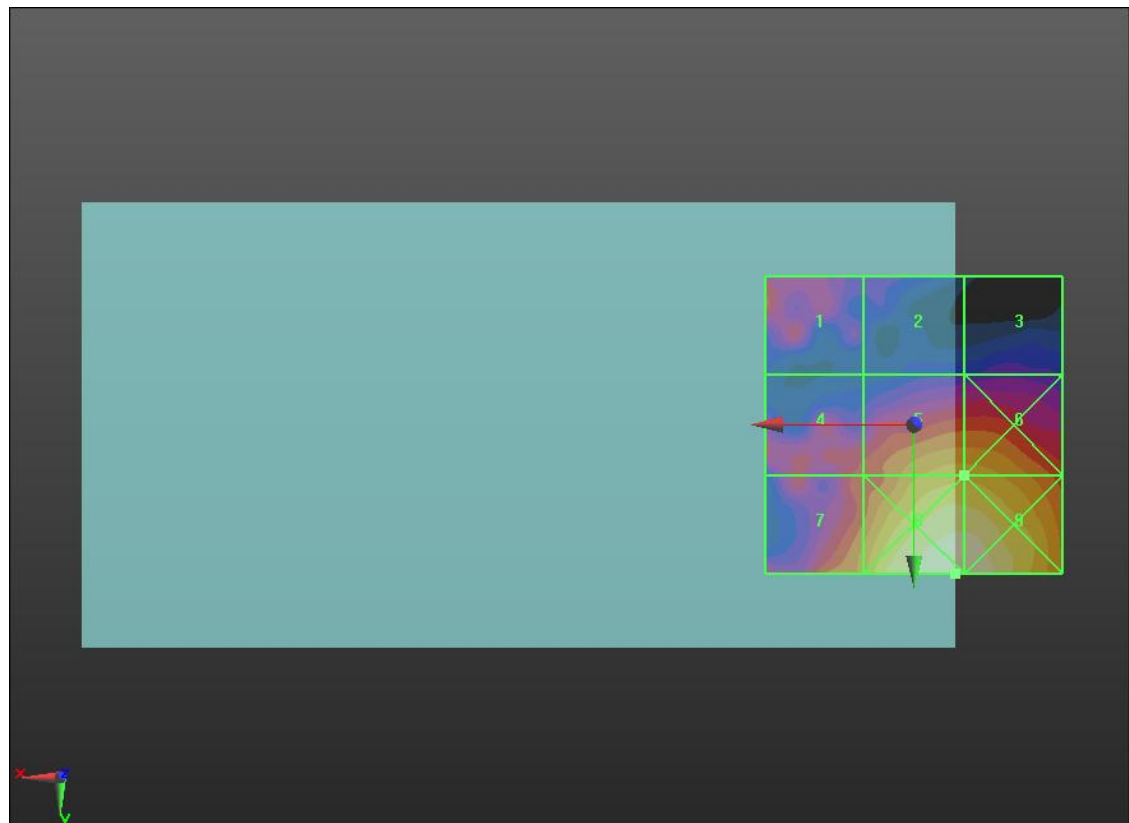
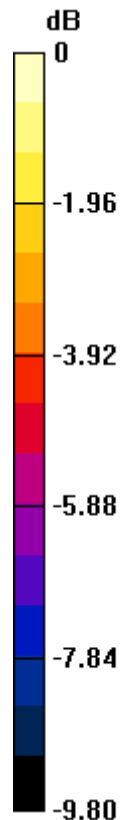
Applied MIF = 3.26 dB

RF audio interference level = 22.15 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 20.04 dBV/m	Grid 2 M4 17.57 dBV/m	Grid 3 M4 17.69 dBV/m
Grid 4 M4 20.12 dBV/m	Grid 5 M4 22.15 dBV/m	Grid 6 M4 22.15 dBV/m
Grid 7 M4 21.51 dBV/m	Grid 8 M4 24.34 dBV/m	Grid 9 M4 24.31 dBV/m



0 dB = 16.48 V/m = 24.34 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 10.19 V/m; Power Drift = 0.27 dB

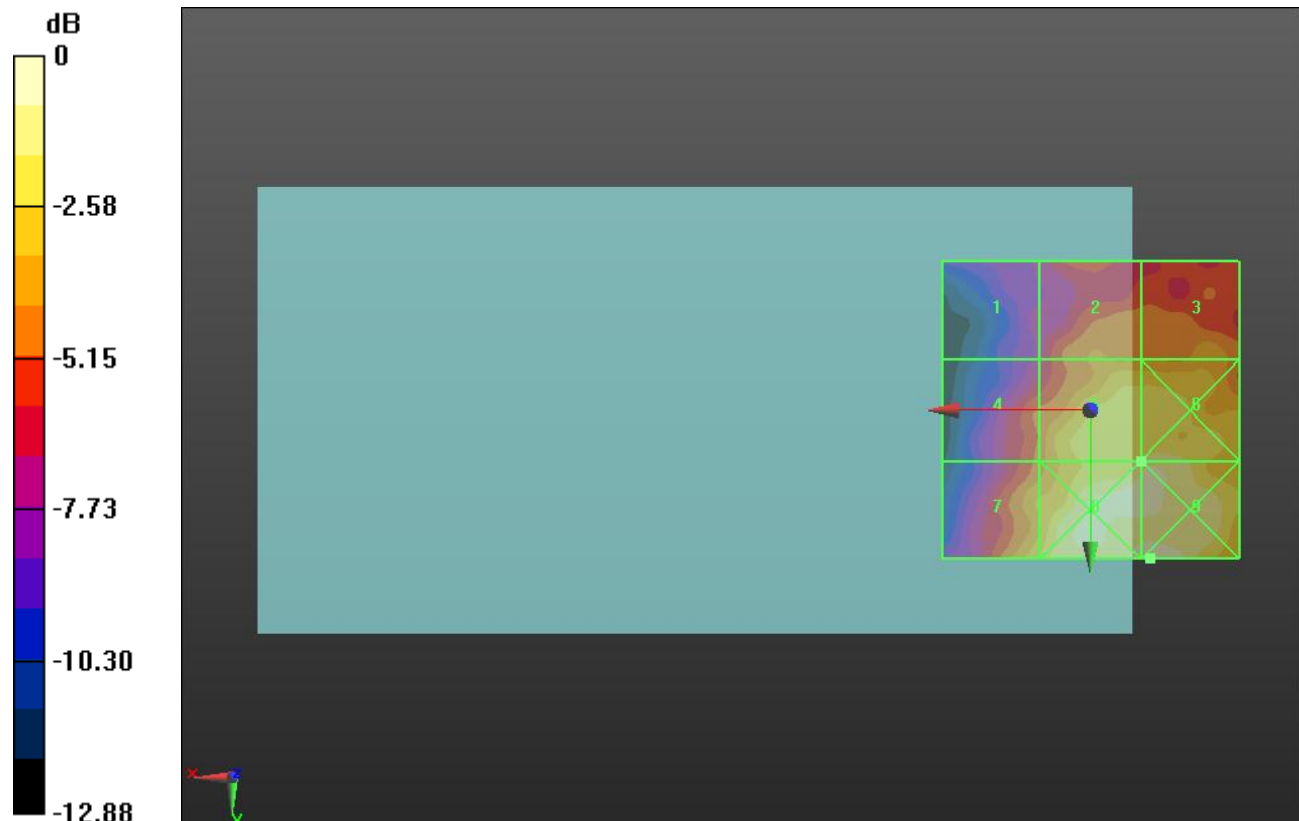
Applied MIF = 3.26 dB

RF audio interference level = 22.59 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 16.86 dBV/m	Grid 2 M4 19.85 dBV/m	Grid 3 M4 20.39 dBV/m
Grid 4 M4 19.29 dBV/m	Grid 5 M4 22.59 dBV/m	Grid 6 M4 22.84 dBV/m
Grid 7 M4 21.64 dBV/m	Grid 8 M4 23.8 dBV/m	Grid 9 M4 23.98 dBV/m



0 dB = 15.80 V/m = 23.97 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 23.26 V/m; Power Drift = -0.20 dB

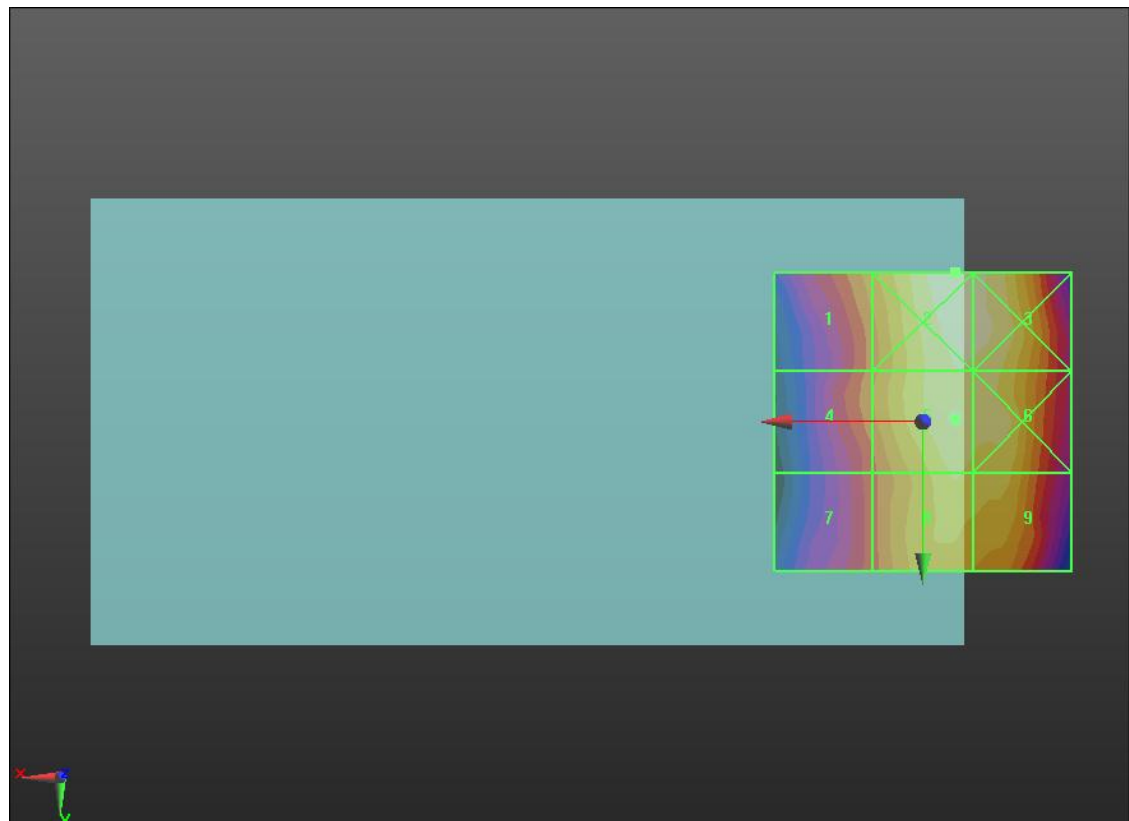
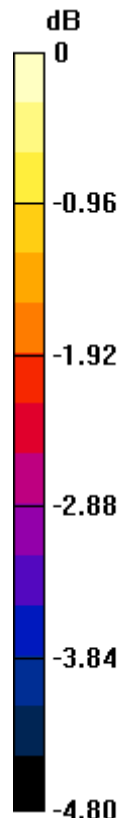
Applied MIF = 3.26 dB

RF audio interference level = 28.47 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 27.38 dBV/m	Grid 2 M4 28.76 dBV/m	Grid 3 M4 28.62 dBV/m
Grid 4 M4 27.15 dBV/m	Grid 5 M4 28.47 dBV/m	Grid 6 M4 28.38 dBV/m
Grid 7 M4 26.75 dBV/m	Grid 8 M4 28.14 dBV/m	Grid 9 M4 28 dBV/m



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

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 23.01 V/m; Power Drift = 0.31 dB

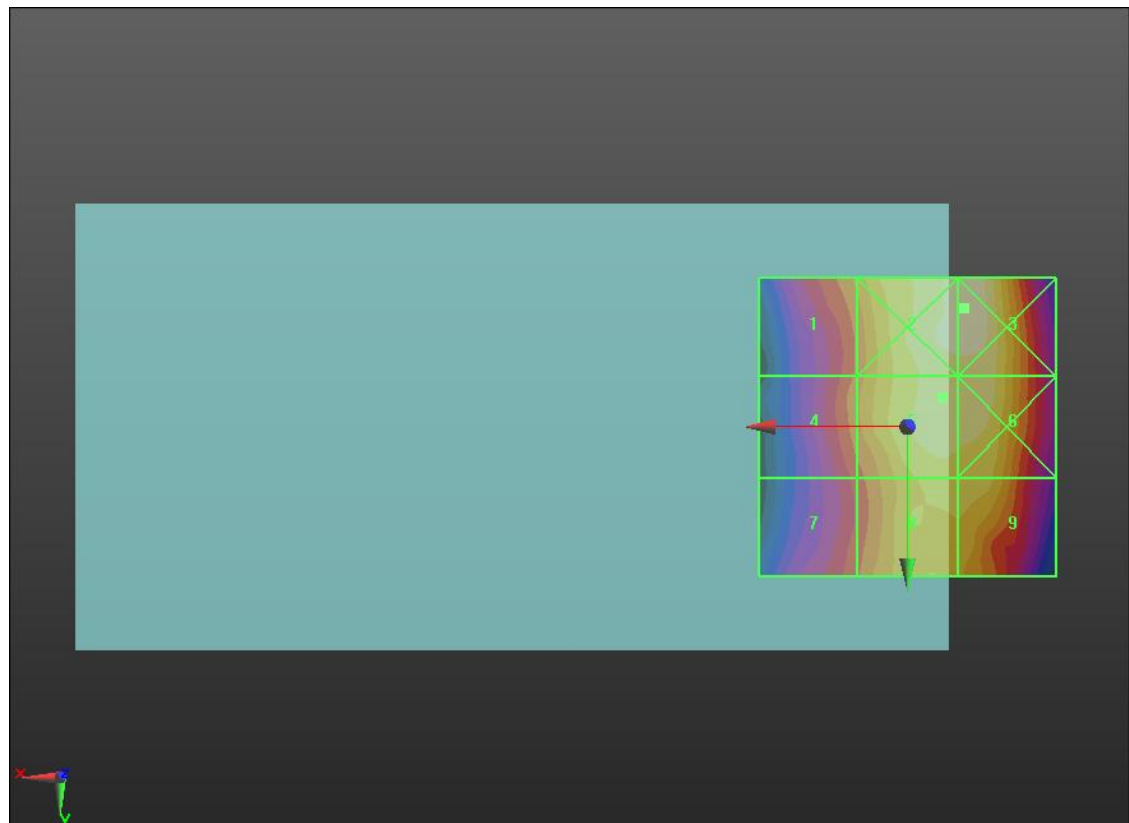
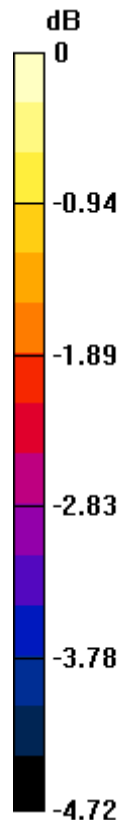
Applied MIF = 3.26 dB

RF audio interference level = 28.65 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 27.62 dBV/m	Grid 2 M4 29.05 dBV/m	Grid 3 M4 29.08 dBV/m
Grid 4 M4 27.45 dBV/m	Grid 5 M4 28.65 dBV/m	Grid 6 M4 28.63 dBV/m
Grid 7 M4 27.15 dBV/m	Grid 8 M4 28.36 dBV/m	Grid 9 M4 28.36 dBV/m



0 dB = 28.45 V/m = 29.08 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAA, 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 - SN2339; ConvF(1, 1, 1); Calibrated: 2/14/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1359; Calibrated: 2/17/2014
- 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 = 27.26 V/m; Power Drift = -0.07 dB

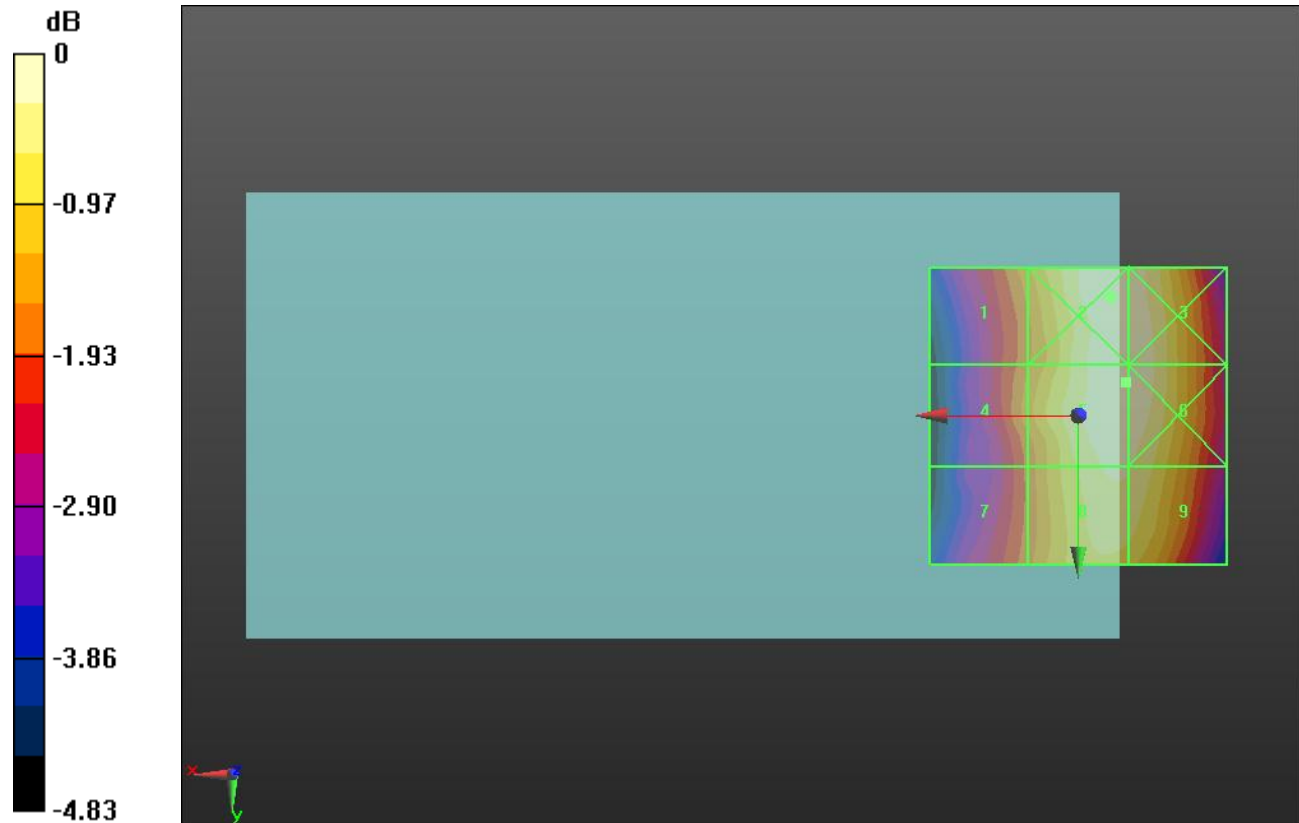
Applied MIF = 3.26 dB

RF audio interference level = 29.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.61 dBV/m	Grid 2 M4 29.93 dBV/m	Grid 3 M4 29.91 dBV/m
Grid 4 M4 28.51 dBV/m	Grid 5 M4 29.91 dBV/m	Grid 6 M4 29.91 dBV/m
Grid 7 M4 28.22 dBV/m	Grid 8 M4 29.66 dBV/m	Grid 9 M4 29.63 dBV/m



0 dB = 31.36 V/m = 29.93 dBV/m