

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 = 65.80 V/m; Power Drift = 0.02 dB

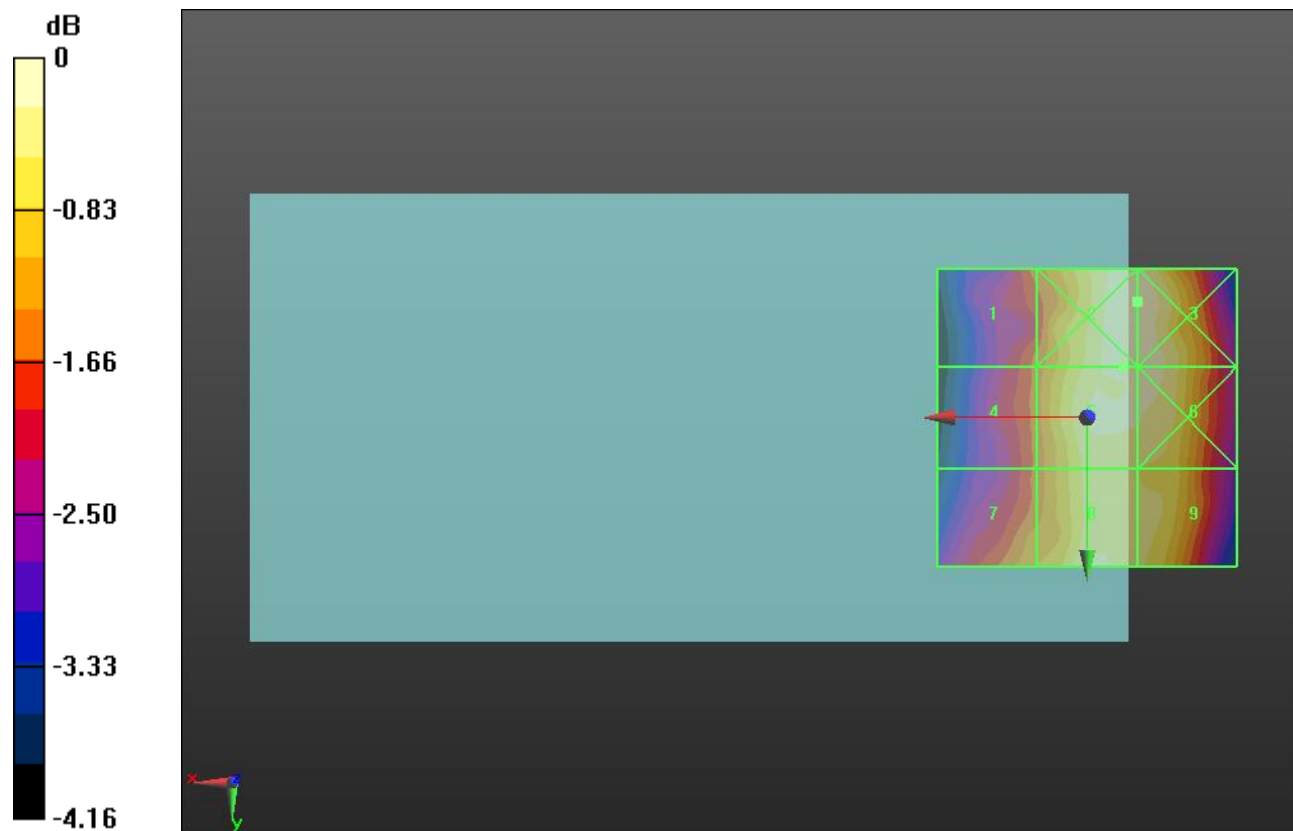
Applied MIF = 3.63 dB

RF audio interference level = 38.22 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 36.8 dBV/m	Grid 2 M4 38.3 dBV/m	Grid 3 M4 38.3 dBV/m
Grid 4 M4 36.81 dBV/m	Grid 5 M4 38.22 dBV/m	Grid 6 M4 38.22 dBV/m
Grid 7 M4 37.22 dBV/m	Grid 8 M4 38.16 dBV/m	Grid 9 M4 37.99 dBV/m



0 dB = 82.23 V/m = 38.30 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 = 51.84 V/m; Power Drift = 0.28 dB

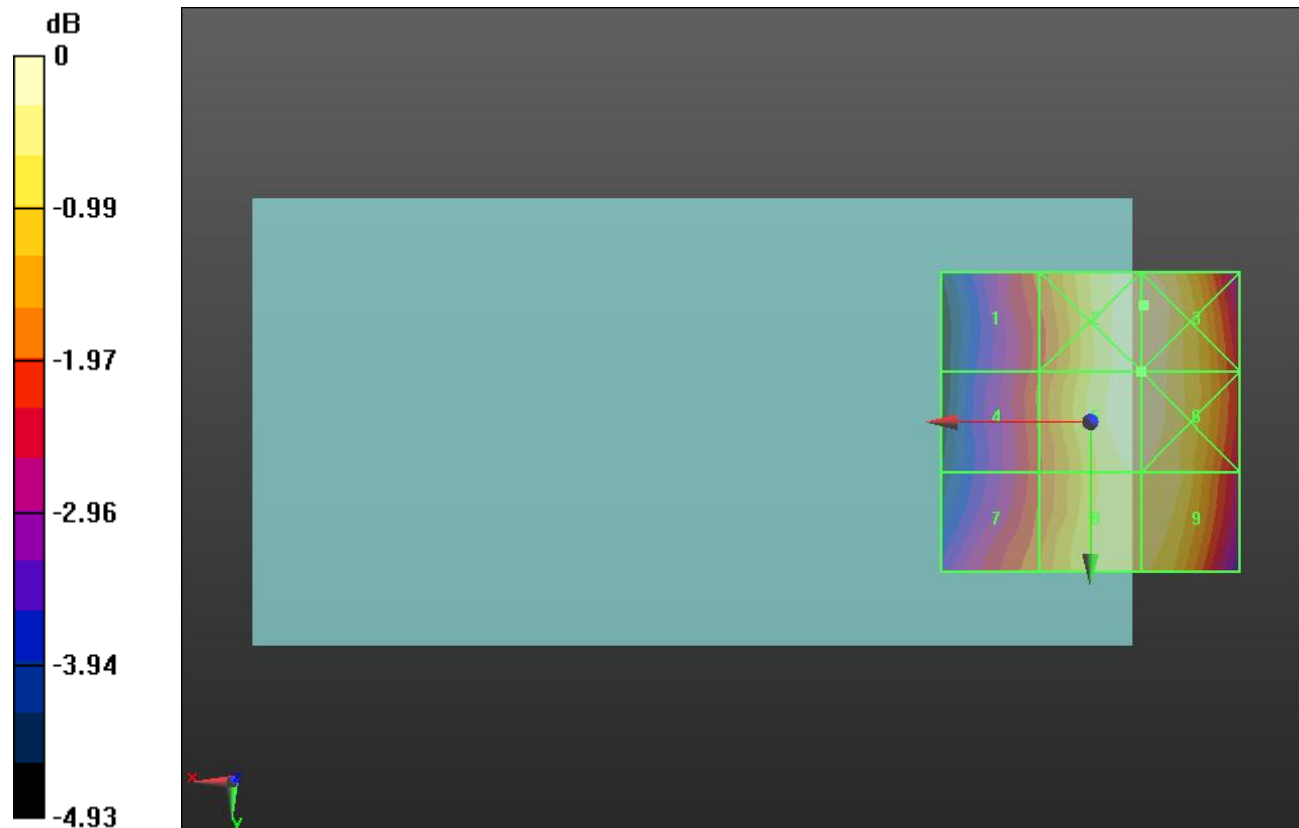
Applied MIF = 3.63 dB

RF audio interference level = 36.49 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.74 dBV/m	Grid 2 M4 36.53 dBV/m	Grid 3 M4 36.55 dBV/m
Grid 4 M4 34.68 dBV/m	Grid 5 M4 36.49 dBV/m	Grid 6 M4 36.49 dBV/m
Grid 7 M4 34.94 dBV/m	Grid 8 M4 36.22 dBV/m	Grid 9 M4 36.22 dBV/m



0 dB = 67.20 V/m = 36.55 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 = 47.48 V/m; Power Drift = 0.11 dB

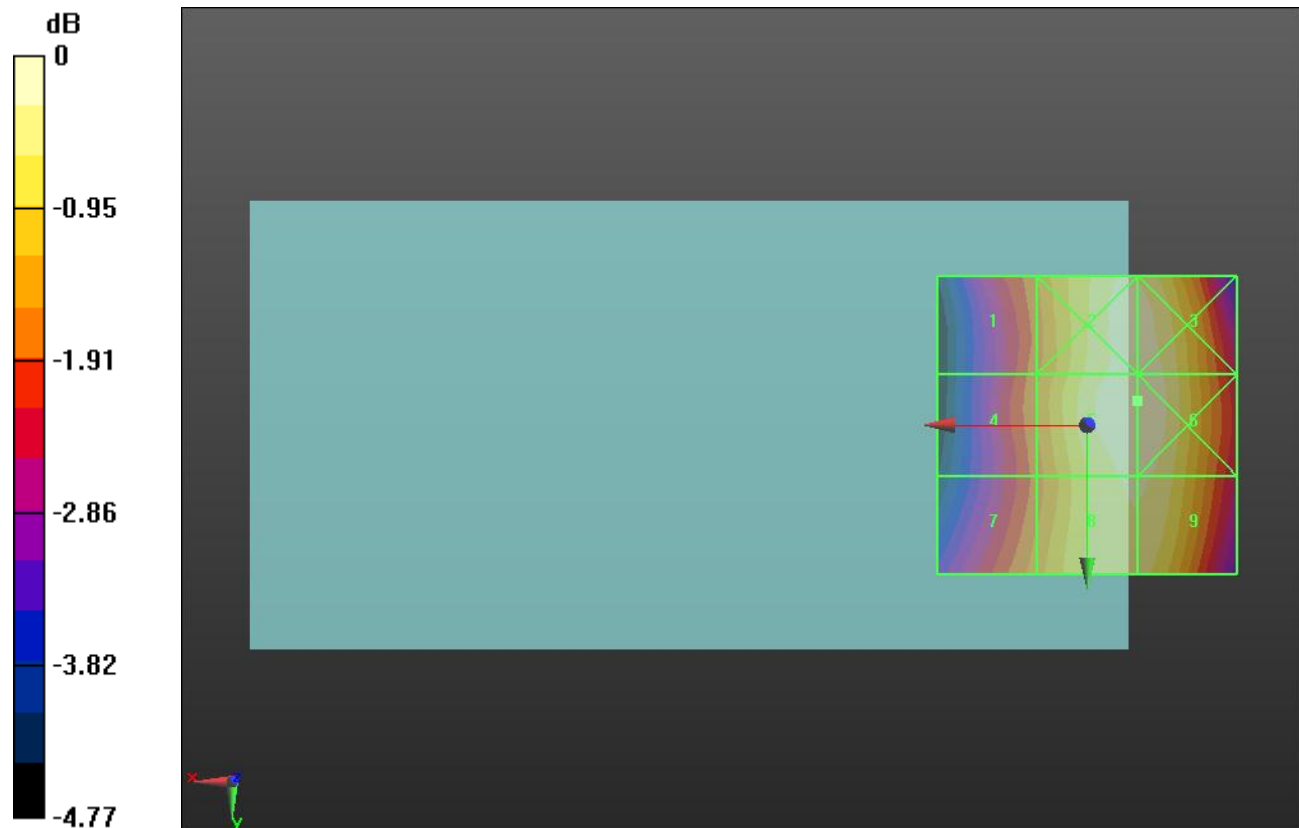
Applied MIF = 3.63 dB

RF audio interference level = 35.63 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 34.04 dBV/m	Grid 2 M4 35.54 dBV/m	Grid 3 M4 35.54 dBV/m
Grid 4 M4 34.07 dBV/m	Grid 5 M4 35.63 dBV/m	Grid 6 M4 35.63 dBV/m
Grid 7 M4 34.24 dBV/m	Grid 8 M4 35.39 dBV/m	Grid 9 M4 35.39 dBV/m



0 dB = 60.49 V/m = 35.63 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 = 9.371 V/m; Power Drift = -0.20 dB

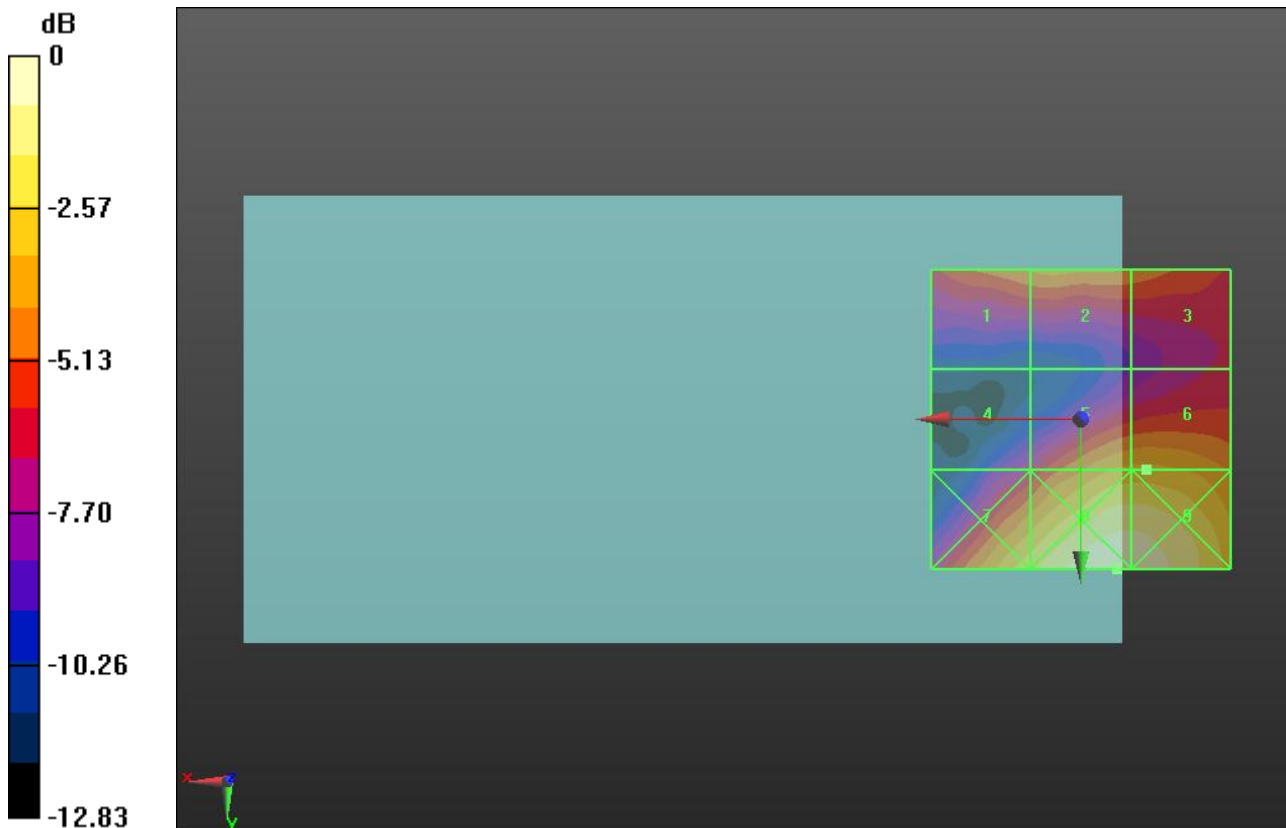
Applied MIF = 3.63 dB

RF audio interference level = 25.87 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 24.8 dBV/m	Grid 2 M4 25.11 dBV/m	Grid 3 M4 24.64 dBV/m
Grid 4 M4 22.15 dBV/m	Grid 5 M4 25.84 dBV/m	Grid 6 M4 25.87 dBV/m
Grid 7 M4 27.11 dBV/m	Grid 8 M4 29 dBV/m	Grid 9 M4 28.91 dBV/m



0 dB = 28.19 V/m = 29.00 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 = 9.272 V/m; Power Drift = 0.30 dB

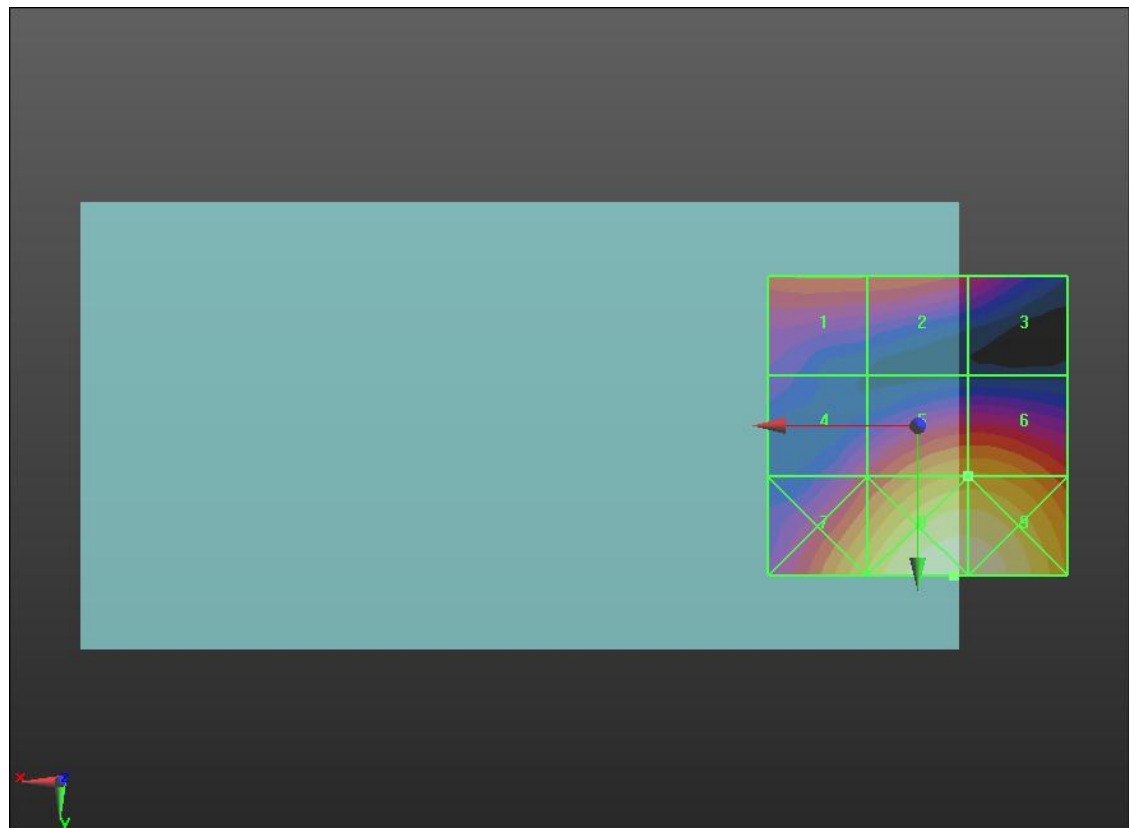
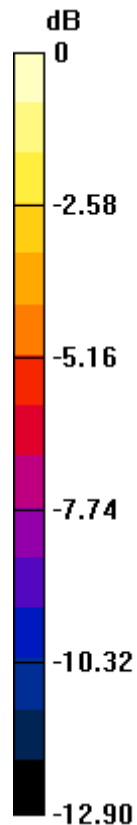
Applied MIF = 3.63 dB

RF audio interference level = 25.42 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 23.66 dBV/m	Grid 2 M4 23.58 dBV/m	Grid 3 M4 21.94 dBV/m
Grid 4 M4 22.17 dBV/m	Grid 5 M4 25.42 dBV/m	Grid 6 M4 25.42 dBV/m
Grid 7 M4 26.23 dBV/m	Grid 8 M4 28.64 dBV/m	Grid 9 M4 28.56 dBV/m



0 dB = 27.03 V/m = 28.64 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 = 8.715 V/m; Power Drift = -0.35 dB

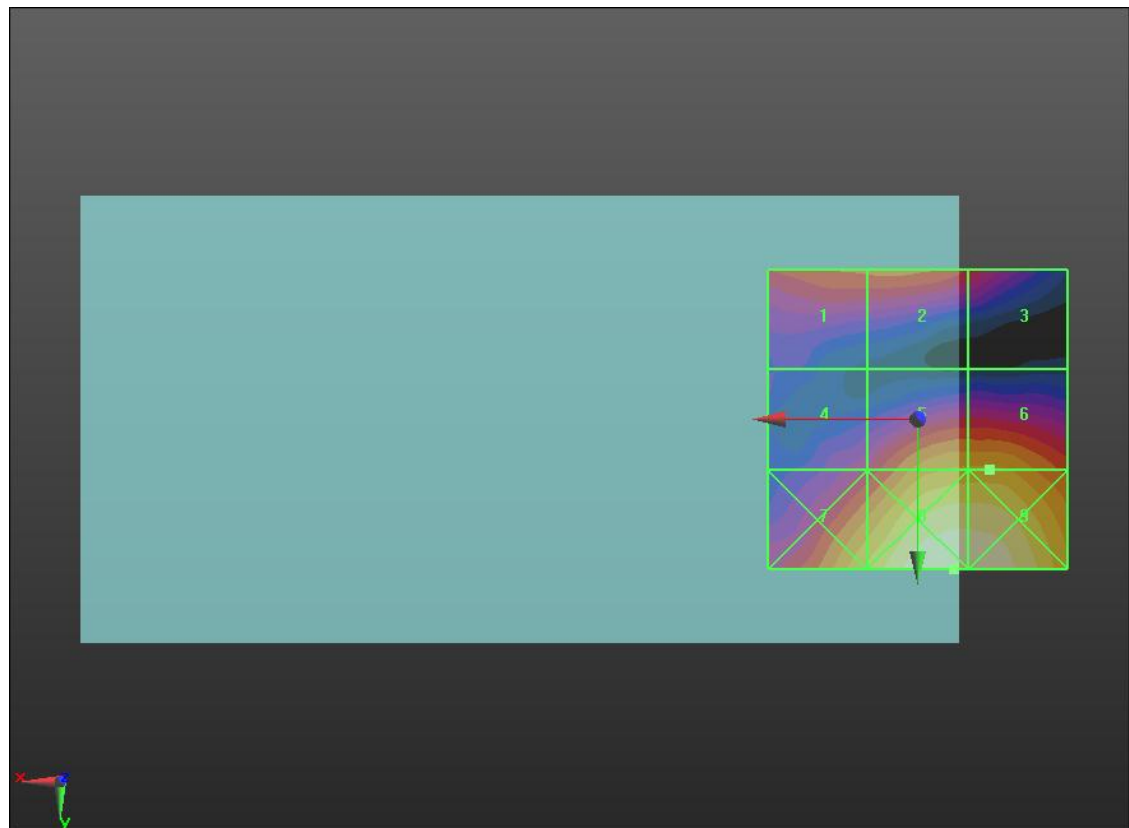
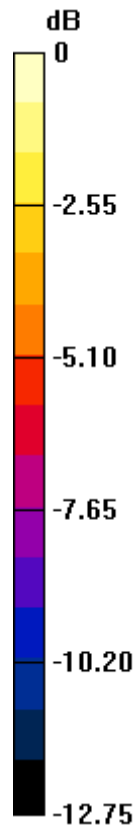
Applied MIF = 3.63 dB

RF audio interference level = 24.59 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.91 dBV/m	Grid 2 M4 23.05 dBV/m	Grid 3 M4 21.68 dBV/m
Grid 4 M4 21.18 dBV/m	Grid 5 M4 24.59 dBV/m	Grid 6 M4 24.59 dBV/m
Grid 7 M4 25.43 dBV/m	Grid 8 M4 27.78 dBV/m	Grid 9 M4 27.73 dBV/m



0 dB = 24.49 V/m = 27.78 dBV/m

HAC-RF Emission

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.7419

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 = 28.47 V/m; Power Drift = 0.22 dB

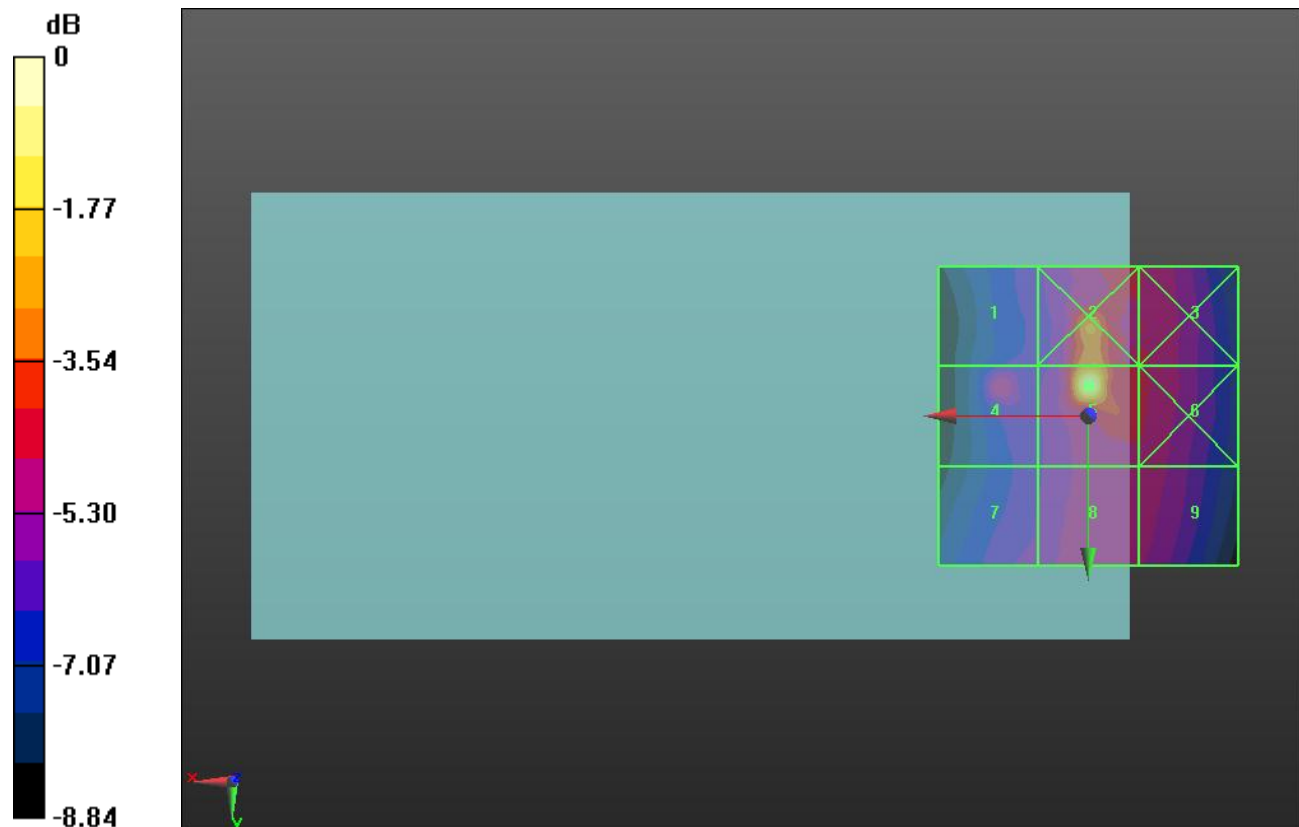
Applied MIF = 3.26 dB

RF audio interference level = 35.40 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 29.43 dBV/m	Grid 2 M4 32.62 dBV/m	Grid 3 M4 30.78 dBV/m
Grid 4 M4 30.69 dBV/m	Grid 5 M4 35.4 dBV/m	Grid 6 M4 30.83 dBV/m
Grid 7 M4 29.87 dBV/m	Grid 8 M4 30.6 dBV/m	Grid 9 M4 30.53 dBV/m



0 dB = 58.92 V/m = 35.41 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 - 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 = 26.19 V/m; Power Drift = -1.10 dB

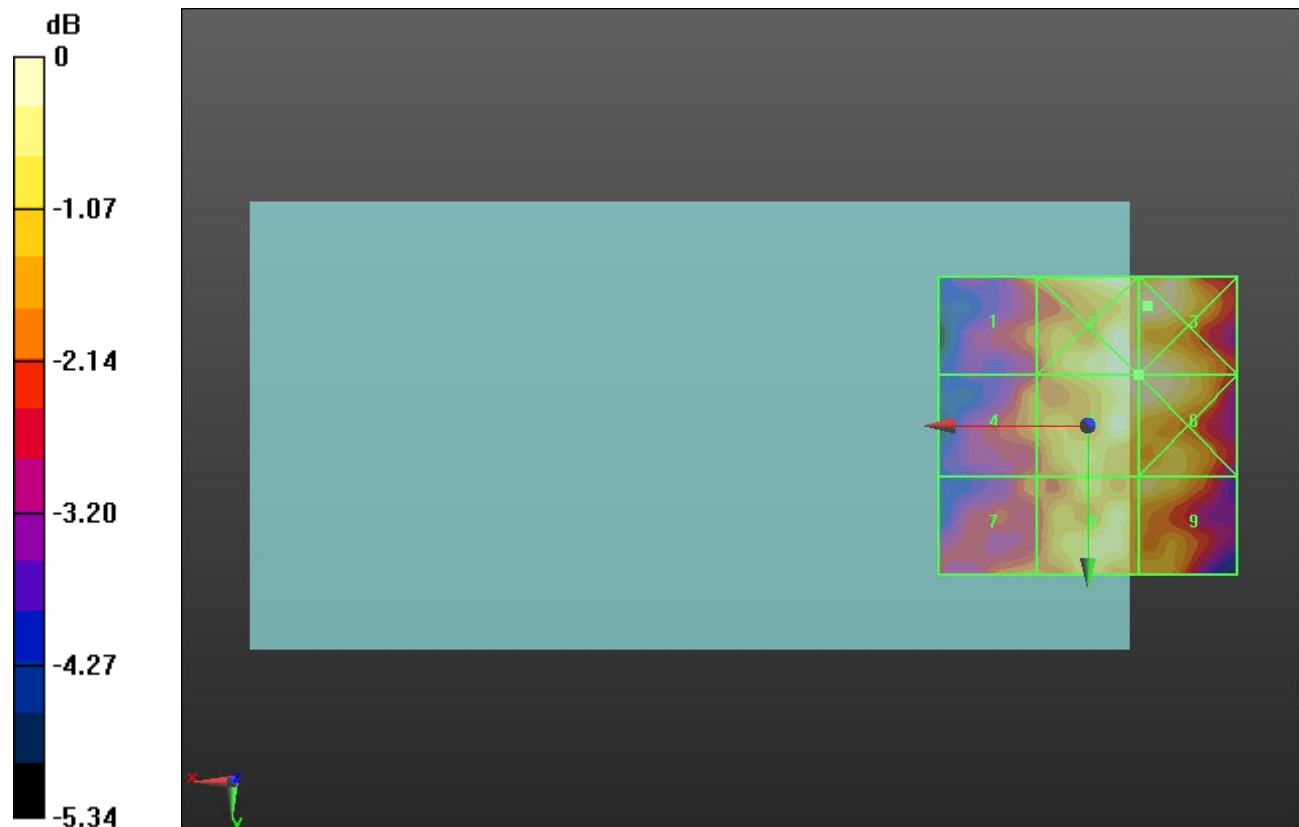
Applied MIF = 3.26 dB

RF audio interference level = 29.94 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 28.56 dBV/m	Grid 2 M4 30 dBV/m	Grid 3 M4 30.01 dBV/m
Grid 4 M4 28.47 dBV/m	Grid 5 M4 29.94 dBV/m	Grid 6 M4 29.95 dBV/m
Grid 7 M4 28.56 dBV/m	Grid 8 M4 29.51 dBV/m	Grid 9 M4 29.47 dBV/m



0 dB = 31.64 V/m = 30.00 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 - 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 = 20.93 V/m; Power Drift = 0.07 dB

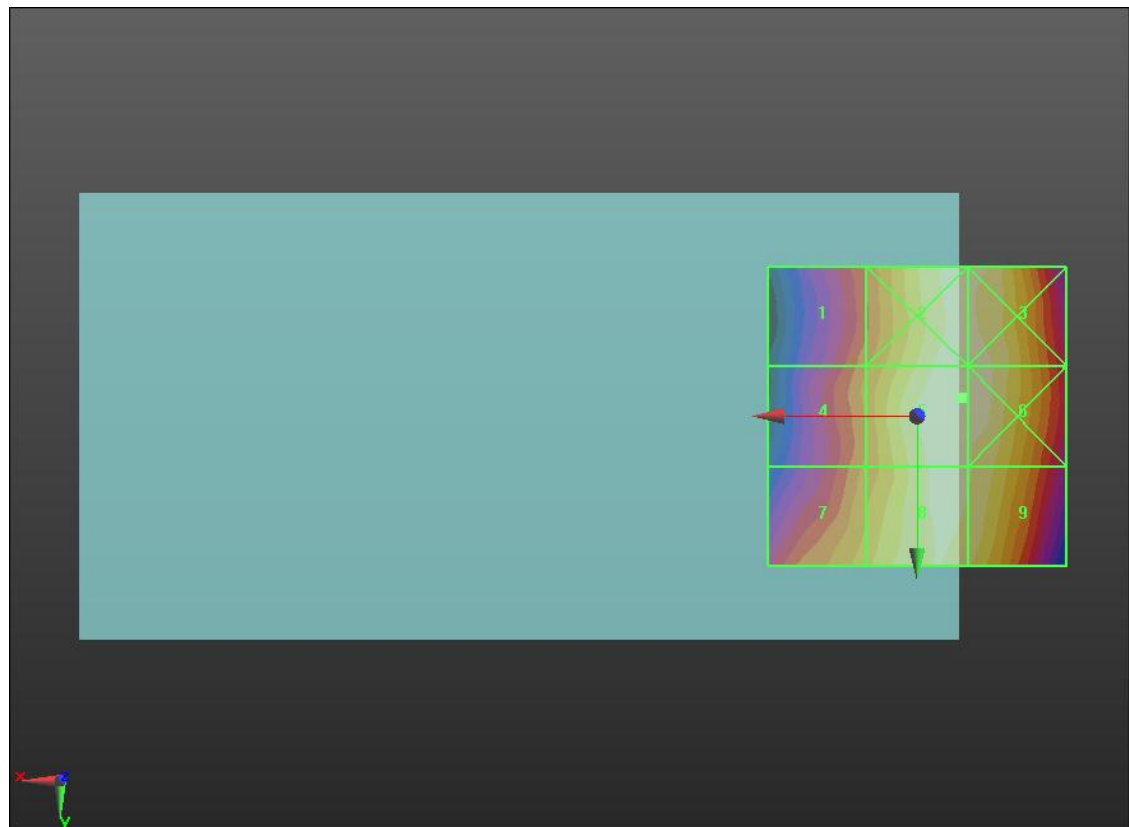
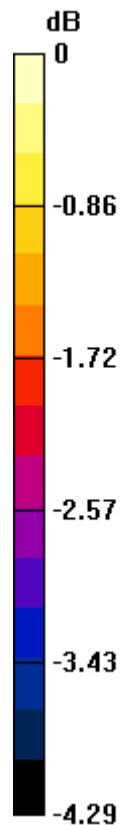
Applied MIF = 3.26 dB

RF audio interference level = 28.02 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 26.52 dBV/m	Grid 2 M4 27.92 dBV/m	Grid 3 M4 27.91 dBV/m
Grid 4 M4 26.7 dBV/m	Grid 5 M4 28.02 dBV/m	Grid 6 M4 28.01 dBV/m
Grid 7 M4 27.08 dBV/m	Grid 8 M4 27.88 dBV/m	Grid 9 M4 27.78 dBV/m



0 dB = 25.17 V/m = 28.02 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 = 5.370 V/m; Power Drift = -0.08 dB

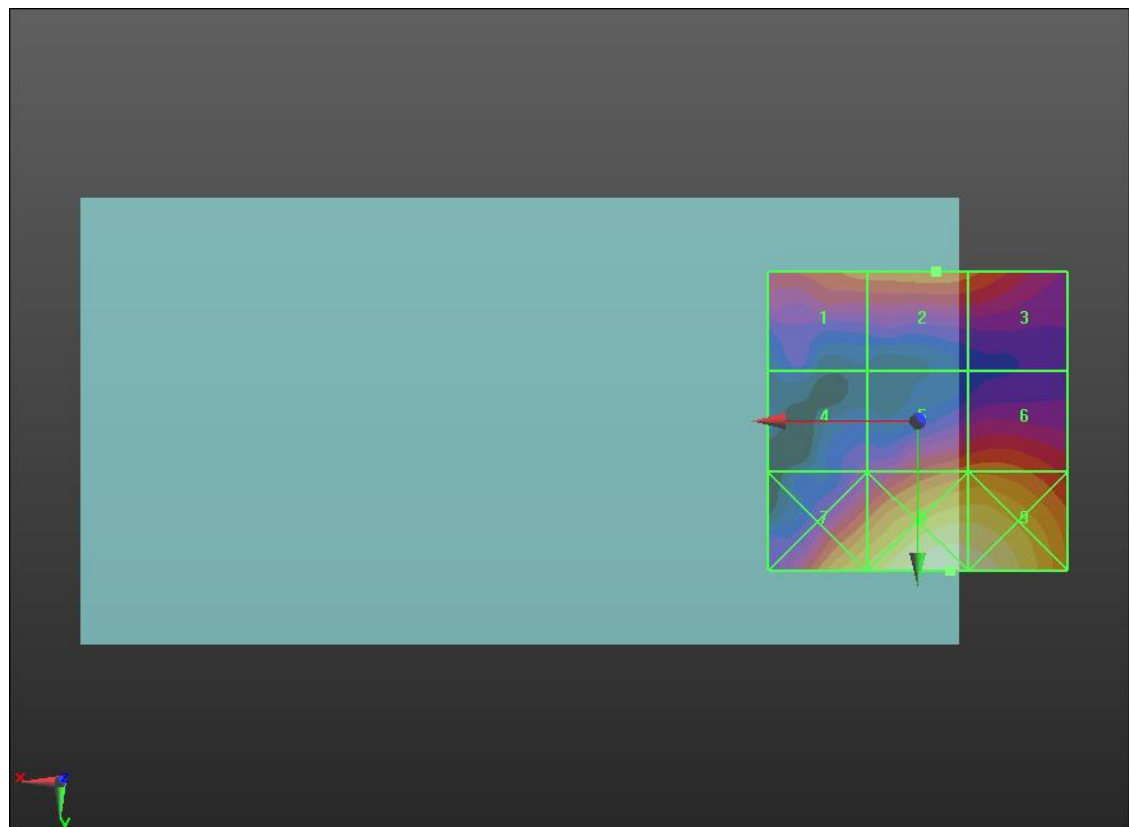
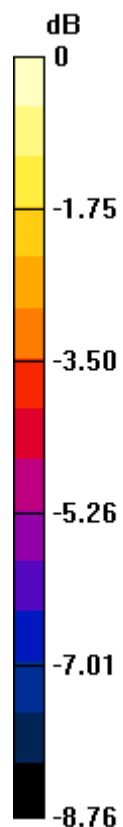
Applied MIF = 3.26 dB

RF audio interference level = 19.91 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.67 dBV/m	Grid 2 M4 19.91 dBV/m	Grid 3 M4 19.61 dBV/m
Grid 4 M4 17.35 dBV/m	Grid 5 M4 19.74 dBV/m	Grid 6 M4 19.85 dBV/m
Grid 7 M4 21.33 dBV/m	Grid 8 M4 22.86 dBV/m	Grid 9 M4 22.77 dBV/m



0 dB = 13.91 V/m = 22.87 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 = 5.567 V/m; Power Drift = -0.27 dB

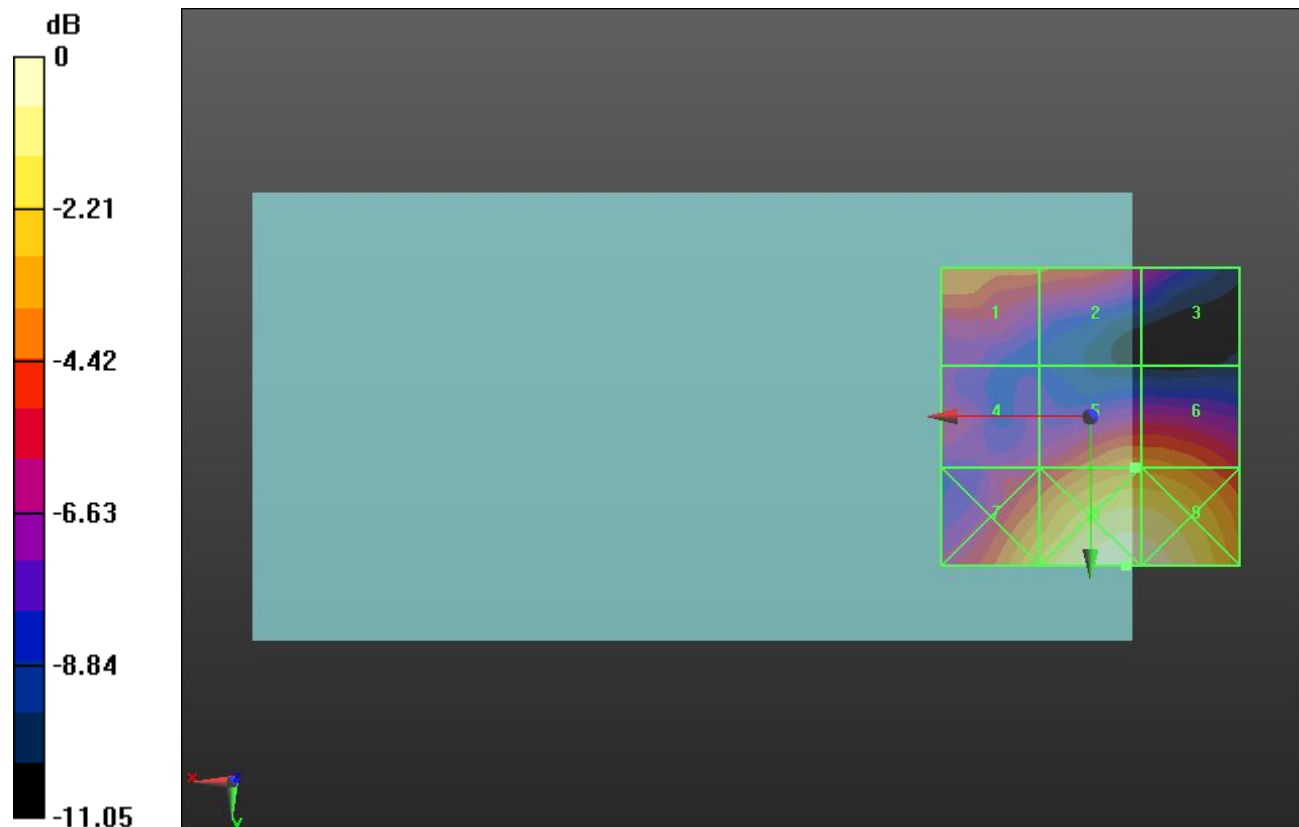
Applied MIF = 3.26 dB

RF audio interference level = 19.98 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 19.37 dBV/m	Grid 2 M4 19.15 dBV/m	Grid 3 M4 16.86 dBV/m
Grid 4 M4 17.36 dBV/m	Grid 5 M4 19.98 dBV/m	Grid 6 M4 19.98 dBV/m
Grid 7 M4 21.24 dBV/m	Grid 8 M4 23.18 dBV/m	Grid 9 M4 23.11 dBV/m



0 dB = 14.42 V/m = 23.18 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 = 5.594 V/m; Power Drift = 0.02 dB

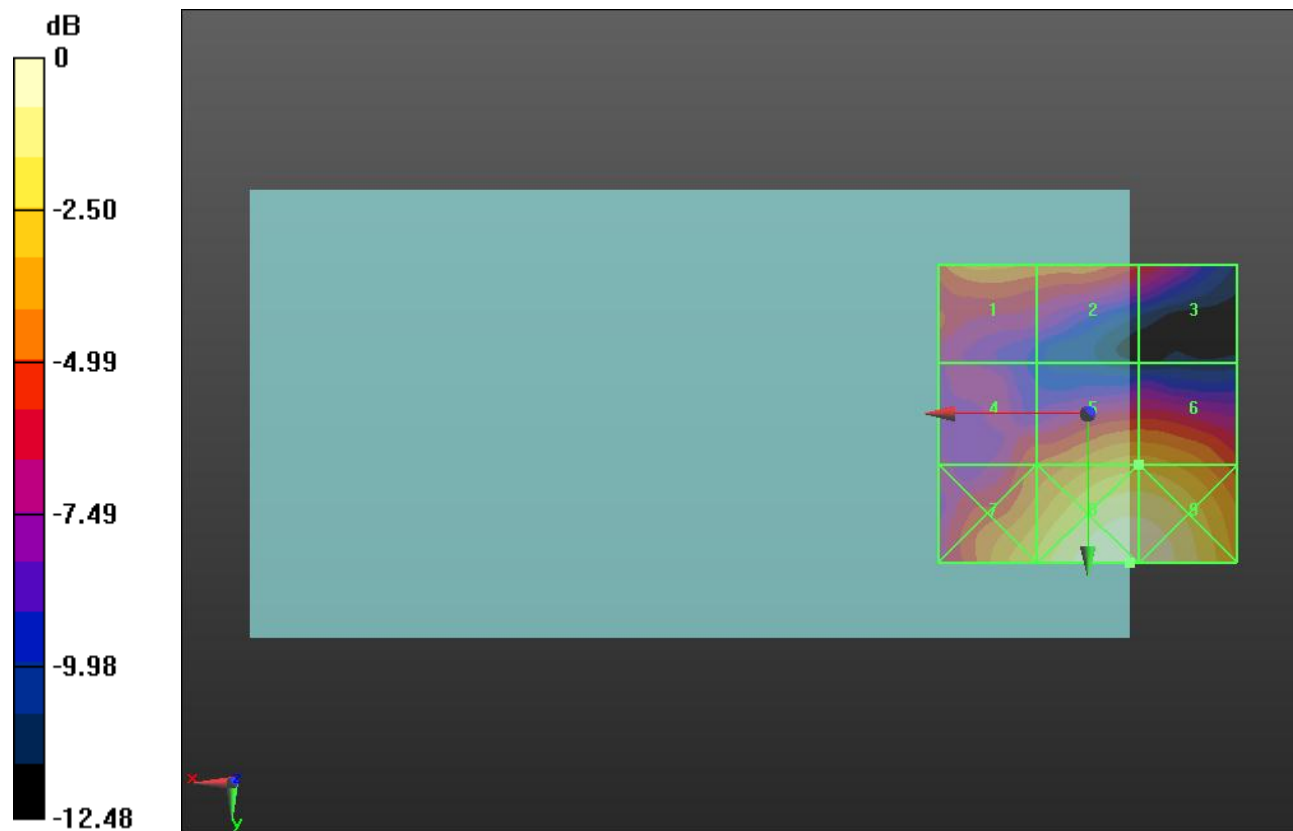
Applied MIF = 3.26 dB

RF audio interference level = 19.77 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.93 dBV/m	Grid 2 M4 18.42 dBV/m	Grid 3 M4 16.99 dBV/m
Grid 4 M4 17.68 dBV/m	Grid 5 M4 19.77 dBV/m	Grid 6 M4 19.77 dBV/m
Grid 7 M4 20.38 dBV/m	Grid 8 M4 22.61 dBV/m	Grid 9 M4 22.59 dBV/m



0 dB = 13.51 V/m = 22.61 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 - 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 = 24.90 V/m; Power Drift = -0.13 dB

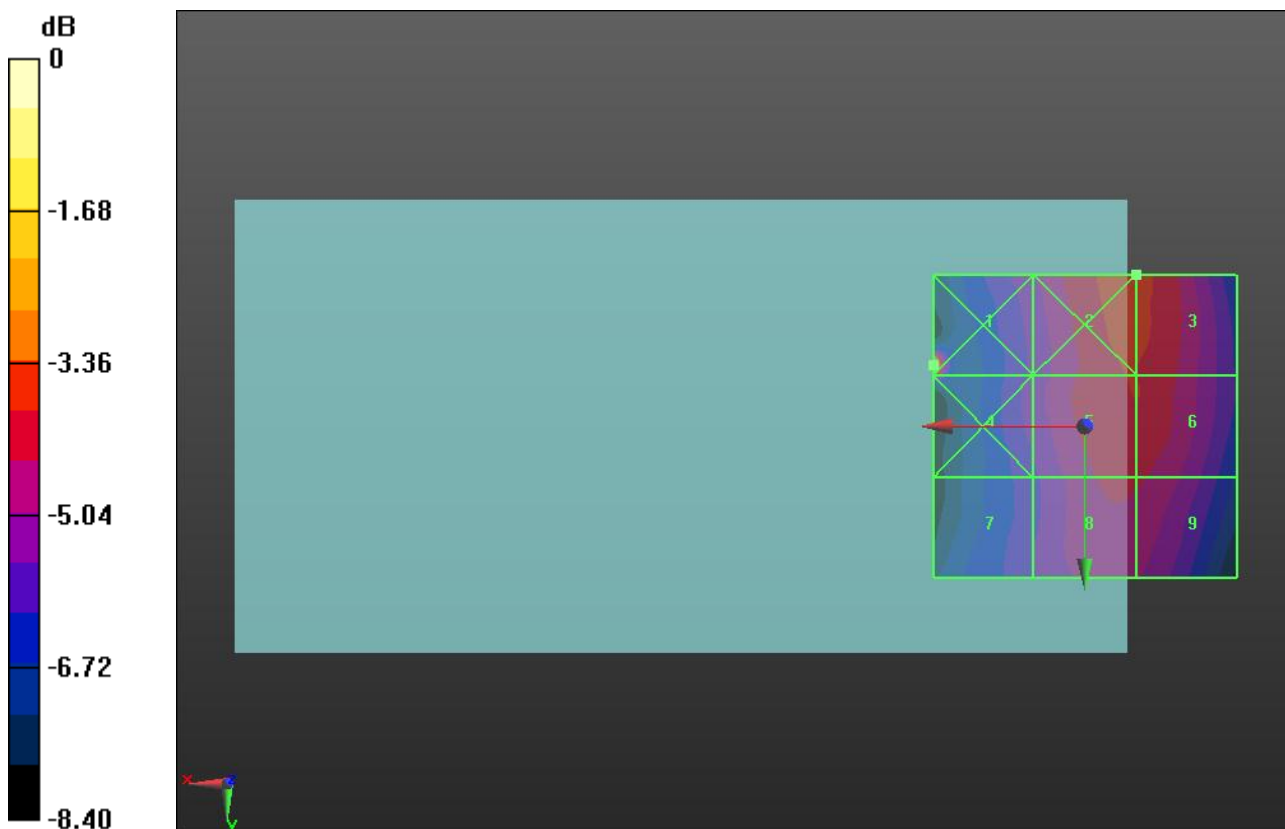
Applied MIF = 3.26 dB

RF audio interference level = 29.67 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 33.4 dBV/m	Grid 2 M4 29.69 dBV/m	Grid 3 M4 29.67 dBV/m
Grid 4 M4 30.6 dBV/m	Grid 5 M4 29.51 dBV/m	Grid 6 M4 29.51 dBV/m
Grid 7 M4 27.81 dBV/m	Grid 8 M4 29.08 dBV/m	Grid 9 M4 29.02 dBV/m



0 dB = 46.77 V/m = 33.40 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 - 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 = 24.18 V/m; Power Drift = -0.16 dB

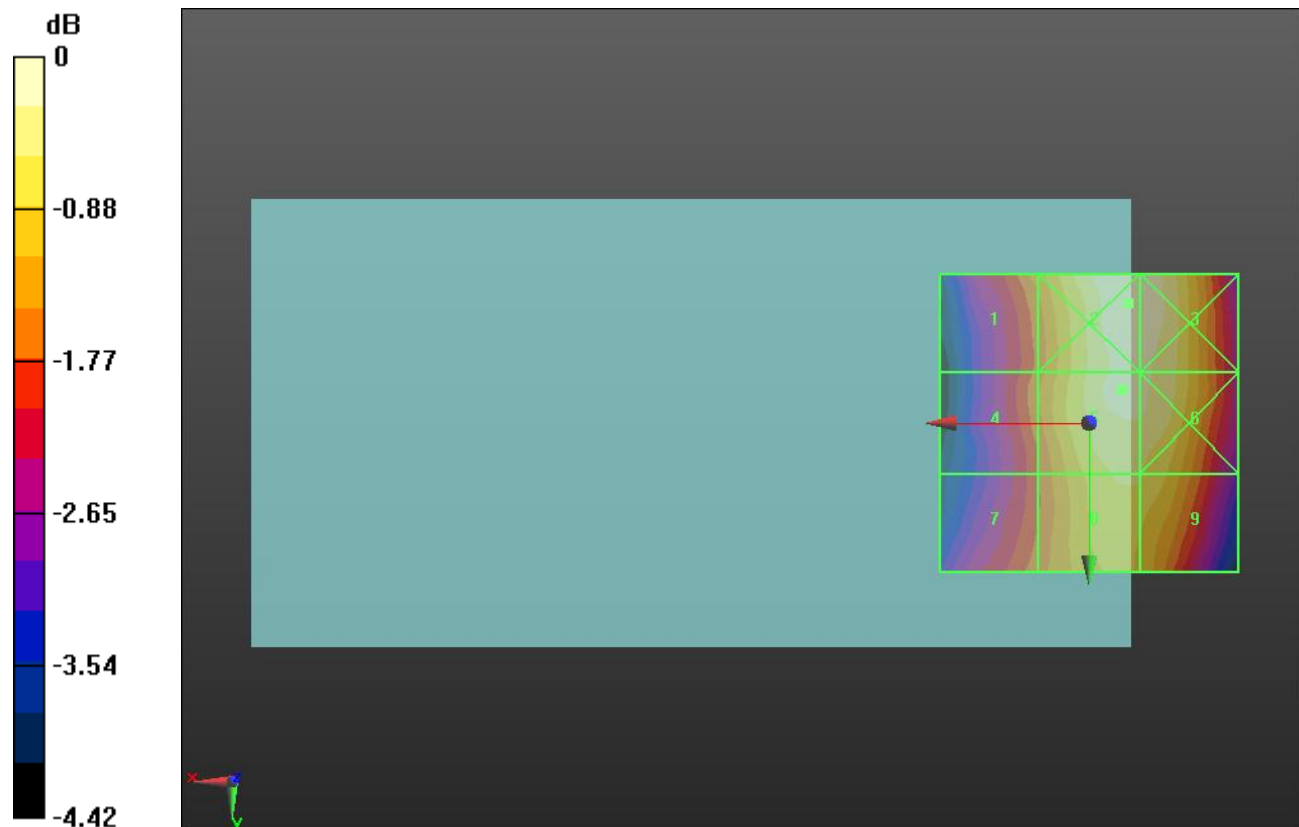
Applied MIF = 3.26 dB

RF audio interference level = 29.22 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.04 dBV/m	Grid 2 M4 29.32 dBV/m	Grid 3 M4 29.29 dBV/m
Grid 4 M4 27.82 dBV/m	Grid 5 M4 29.22 dBV/m	Grid 6 M4 29.11 dBV/m
Grid 7 M4 27.73 dBV/m	Grid 8 M4 28.77 dBV/m	Grid 9 M4 28.76 dBV/m



0 dB = 29.23 V/m = 29.32 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 - 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 = 27.22 V/m; Power Drift = 0.01 dB

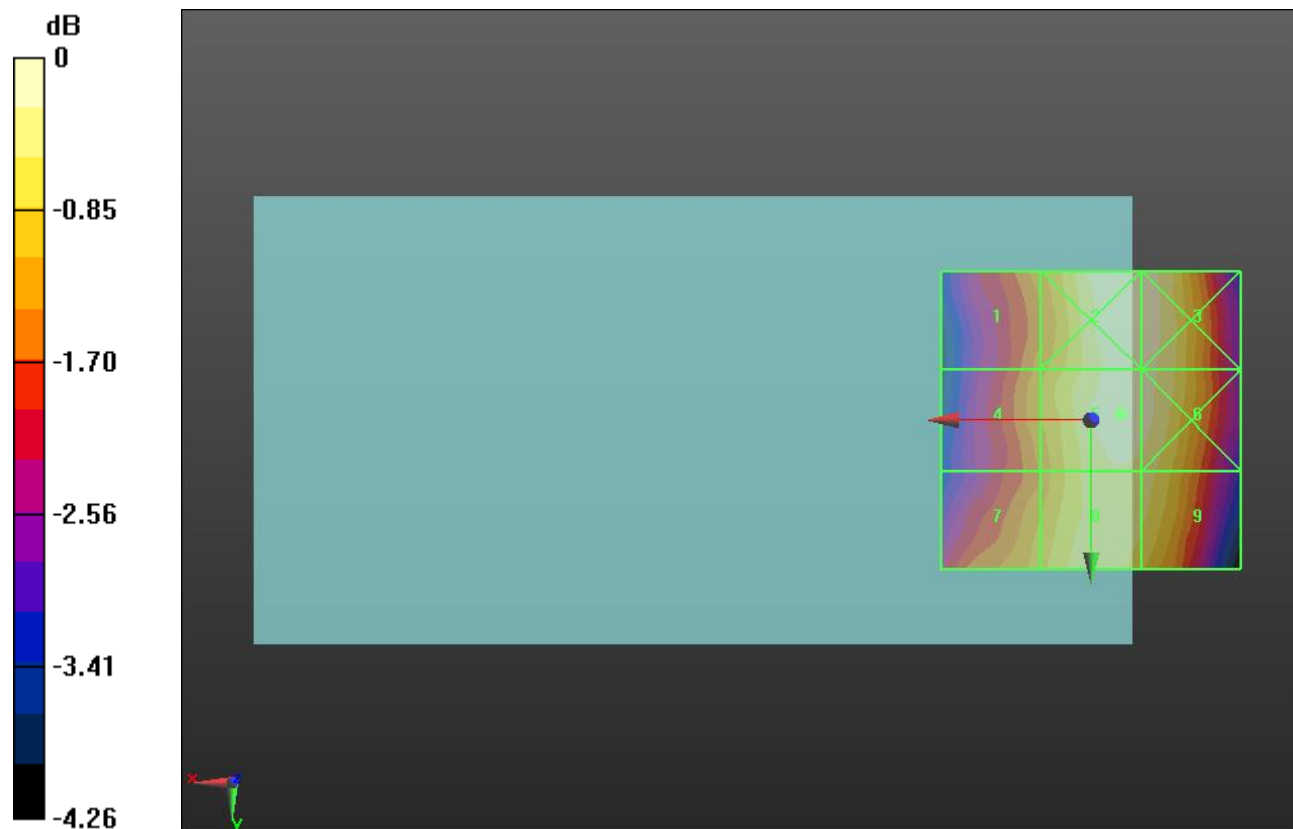
Applied MIF = 3.26 dB

RF audio interference level = 30.18 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 28.99 dBV/m	Grid 2 M4 30.16 dBV/m	Grid 3 M4 30.13 dBV/m
Grid 4 M4 29.06 dBV/m	Grid 5 M4 30.18 dBV/m	Grid 6 M4 30.05 dBV/m
Grid 7 M4 29.21 dBV/m	Grid 8 M4 29.88 dBV/m	Grid 9 M4 29.79 dBV/m



0 dB = 32.27 V/m = 30.18 dBV/m