

HAC-RF Emission

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC0/RC3 SO55_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 = 85.66 V/m; Power Drift = -0.01 dB

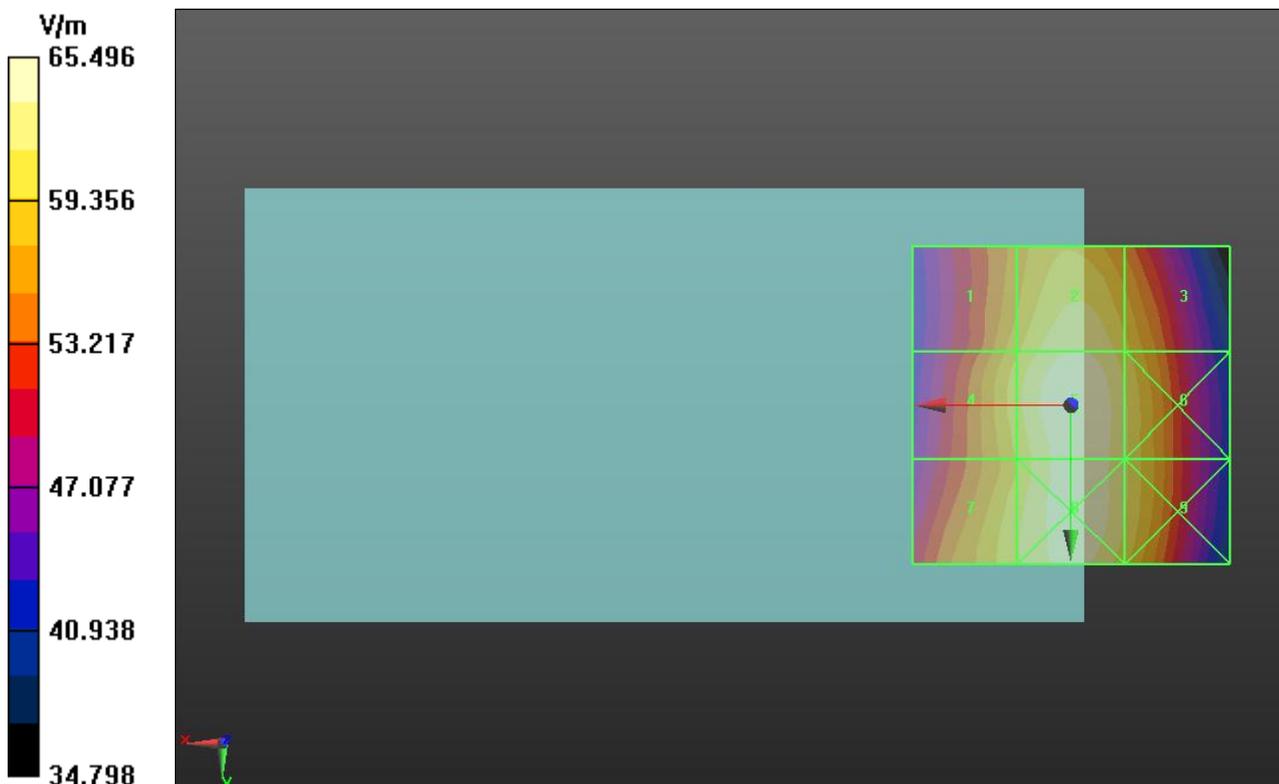
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 65.50 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 59.05 V/m	Grid 2 M4 63.53 V/m	Grid 3 M4 60.14 V/m
Grid 4 M4 60.80 V/m	Grid 5 M4 65.50 V/m	Grid 6 M4 61.82 V/m
Grid 7 M4 61.27 V/m	Grid 8 M4 65.05 V/m	Grid 9 M4 61.78 V/m



HAC-RF Emission

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC0/RC3 SO55_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 = 82.16 V/m; Power Drift = 0.03 dB

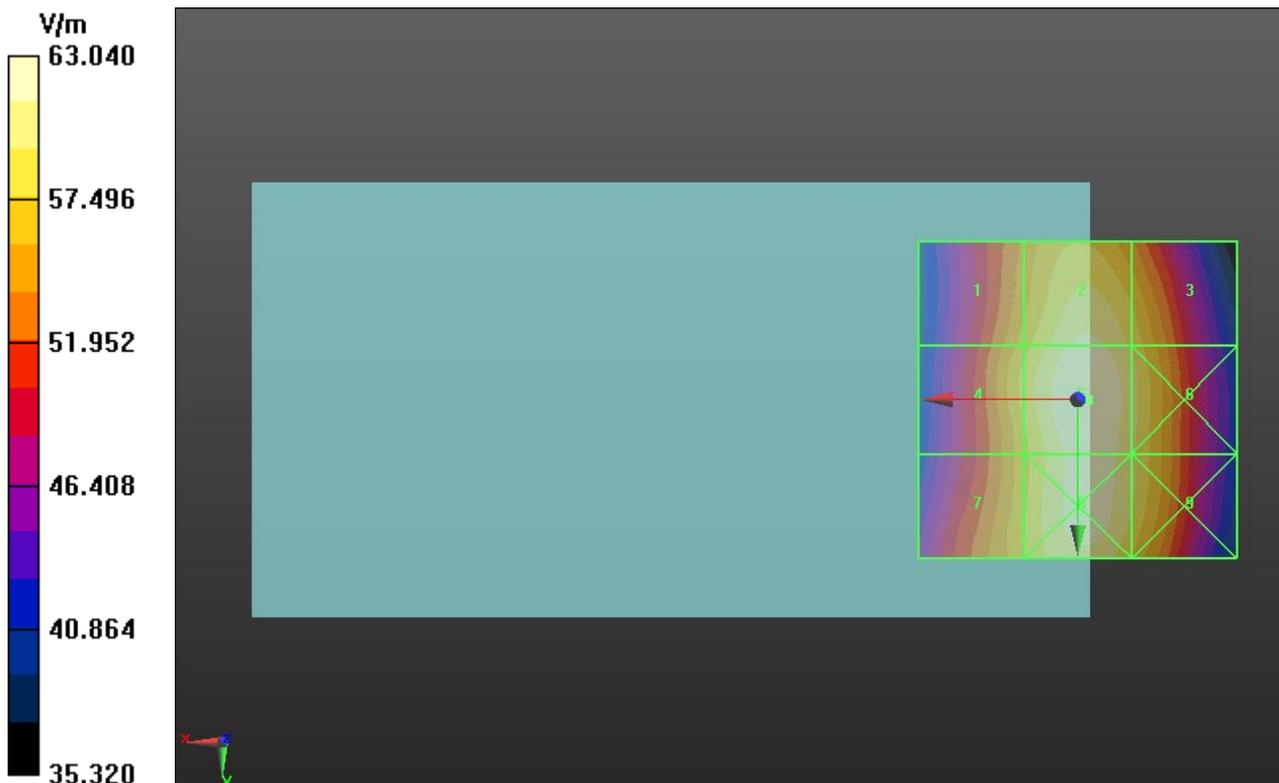
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 63.04 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 56.73 V/m	Grid 2 M4 61.70 V/m	Grid 3 M4 59.00 V/m
Grid 4 M4 58.17 V/m	Grid 5 M4 63.04 V/m	Grid 6 M4 60.16 V/m
Grid 7 M4 57.51 V/m	Grid 8 M4 62.18 V/m	Grid 9 M4 59.83 V/m



HAC-RF Emission

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC0/RC3 SO55_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 = 80.27 V/m; Power Drift = 0.03 dB

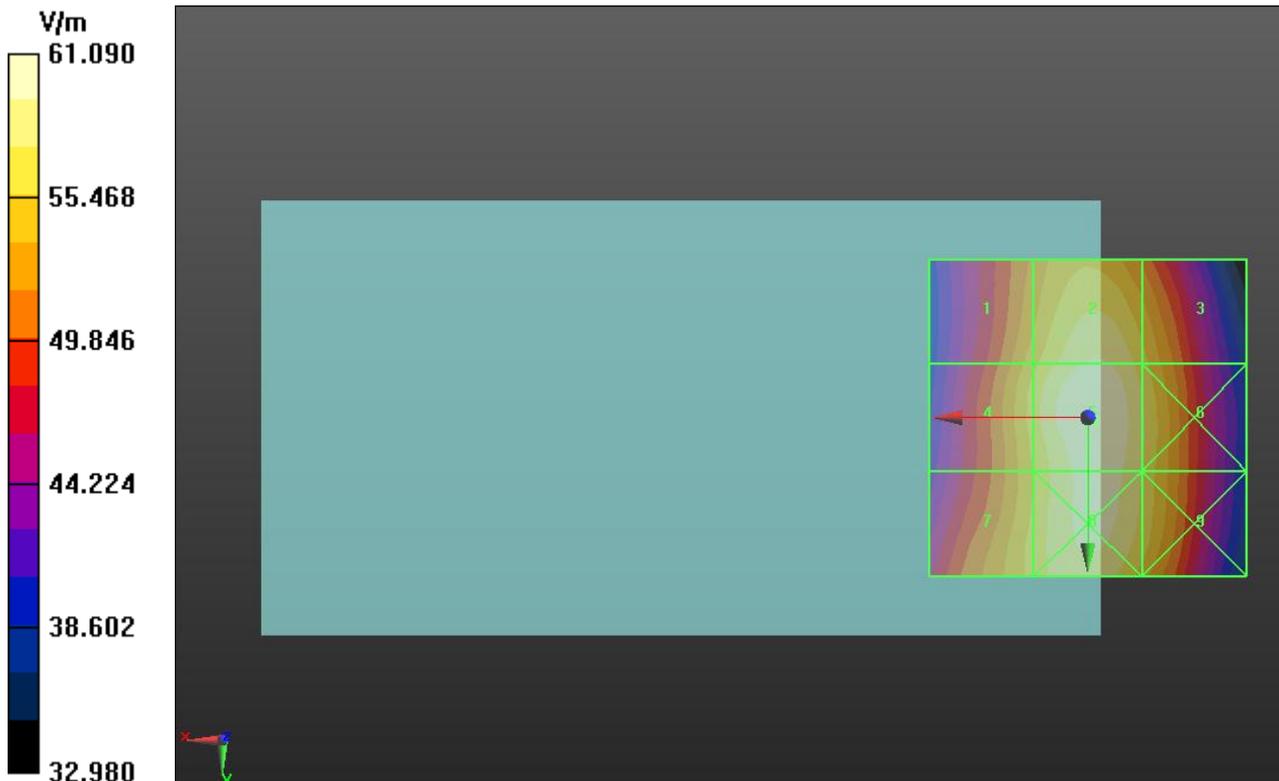
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 61.09 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 54.99 V/m	Grid 2 M4 59.45 V/m	Grid 3 M4 56.40 V/m
Grid 4 M4 56.49 V/m	Grid 5 M4 61.09 V/m	Grid 6 M4 57.78 V/m
Grid 7 M4 56.29 V/m	Grid 8 M4 60.10 V/m	Grid 9 M4 57.33 V/m



HAC-RF Emission

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC1/RC3 SO55_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 = 16.89 V/m; Power Drift = 0.04 dB

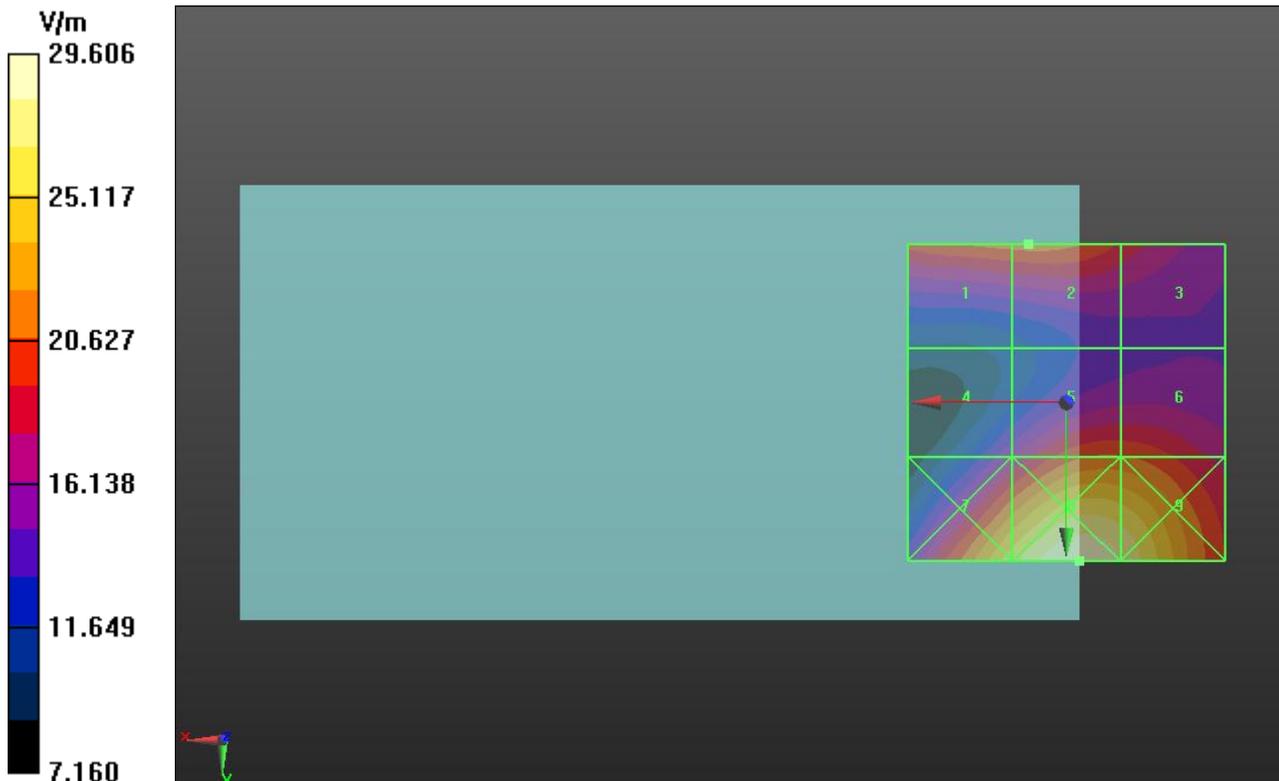
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 21.53 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 21.37 V/m	Grid 2 M4 21.53 V/m	Grid 3 M4 18.93 V/m
Grid 4 M4 16.19 V/m	Grid 5 M4 20.86 V/m	Grid 6 M4 20.76 V/m
Grid 7 M4 26.18 V/m	Grid 8 M4 29.61 V/m	Grid 9 M4 28.15 V/m



HAC-RF Emission

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC1/RC3 SO55_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 = 19.88 V/m; Power Drift = 0.03 dB

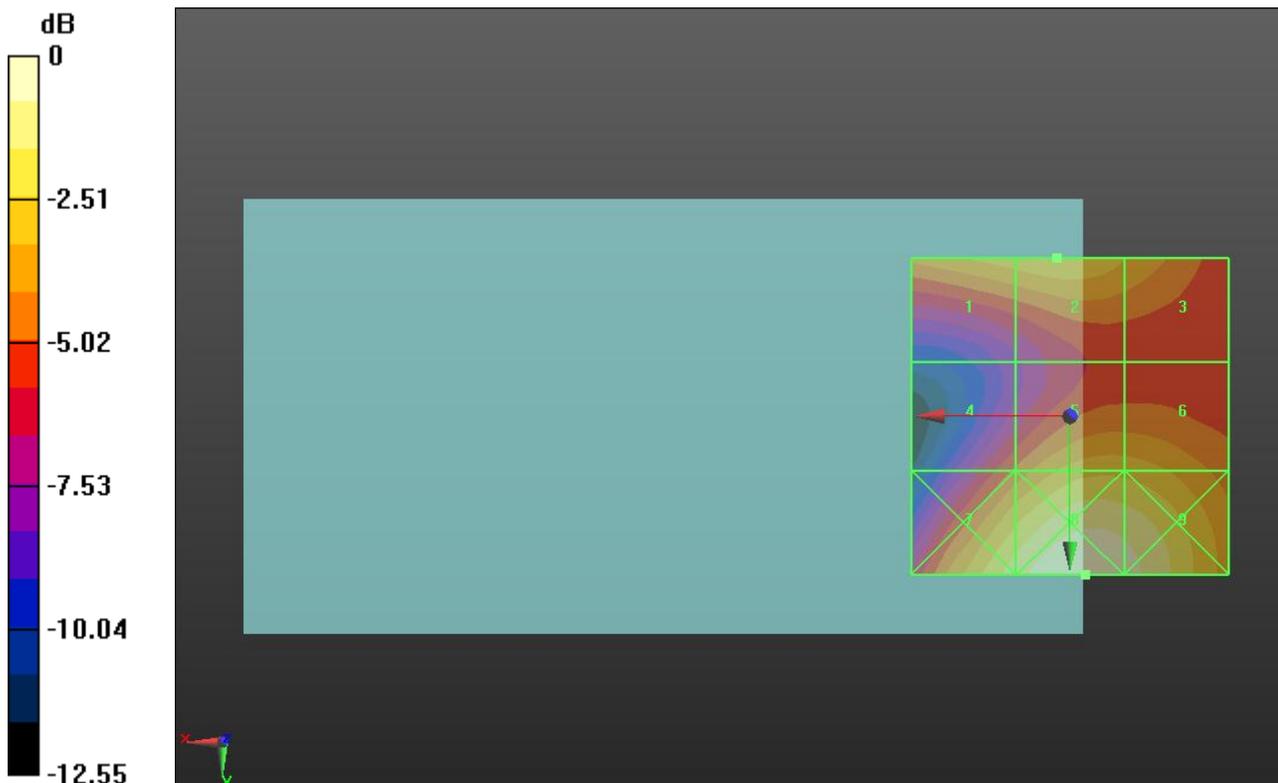
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 22.70 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 21.88 V/m	Grid 2 M4 22.70 V/m	Grid 3 M4 20.62 V/m
Grid 4 M4 17.32 V/m	Grid 5 M4 21.98 V/m	Grid 6 M4 21.80 V/m
Grid 7 M4 26.24 V/m	Grid 8 M4 30.02 V/m	Grid 9 M4 28.50 V/m



0 dB = 30.02 V/m = 29.55 dBV/m

HAC-RF Emission

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC1/RC3 SO55_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 = 21.62 V/m; Power Drift = -0.17 dB

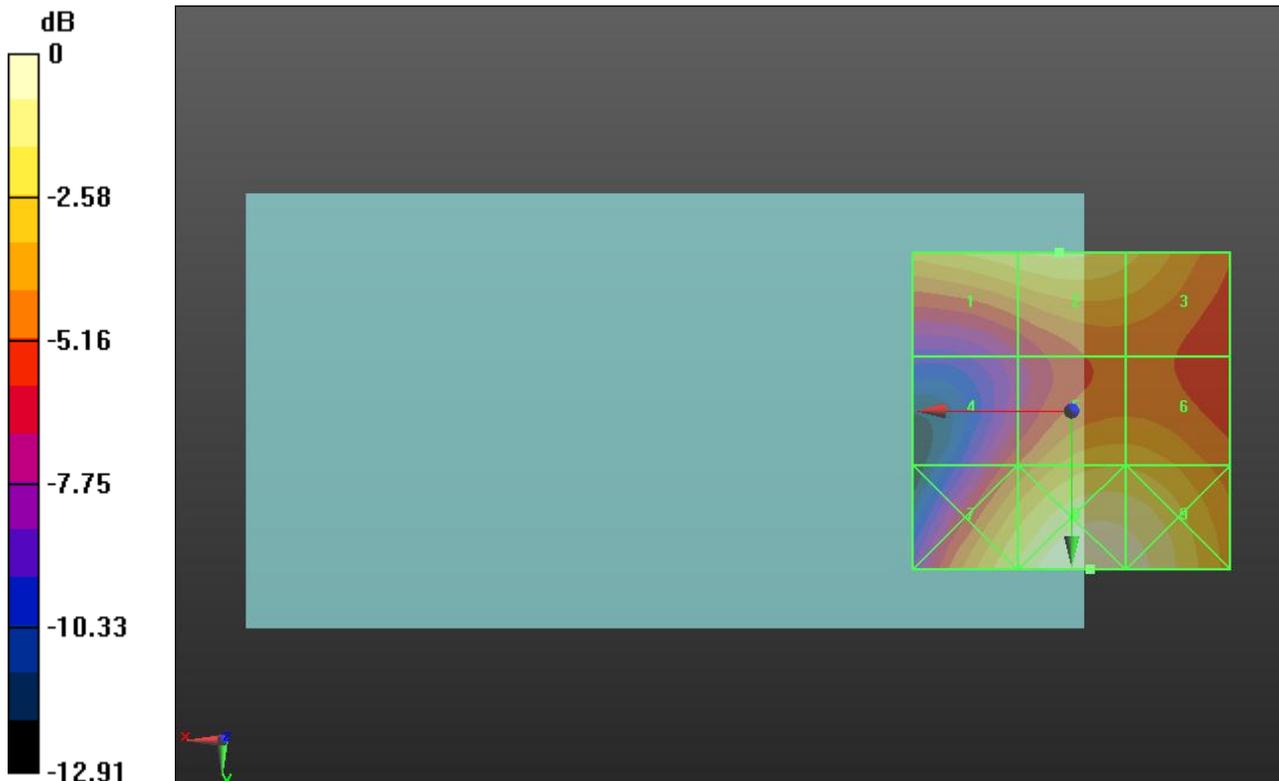
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 25.34 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 24.39 V/m	Grid 2 M4 25.34 V/m	Grid 3 M4 23.35 V/m
Grid 4 M4 16.72 V/m	Grid 5 M4 22.19 V/m	Grid 6 M4 22.10 V/m
Grid 7 M4 25.42 V/m	Grid 8 M4 30.08 V/m	Grid 9 M4 28.96 V/m



0 dB = 30.08 V/m = 29.57 dBV/m

HAC-RF Emission

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC15/RC3 SO55_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 = 14.36 V/m; Power Drift = 0.07 dB

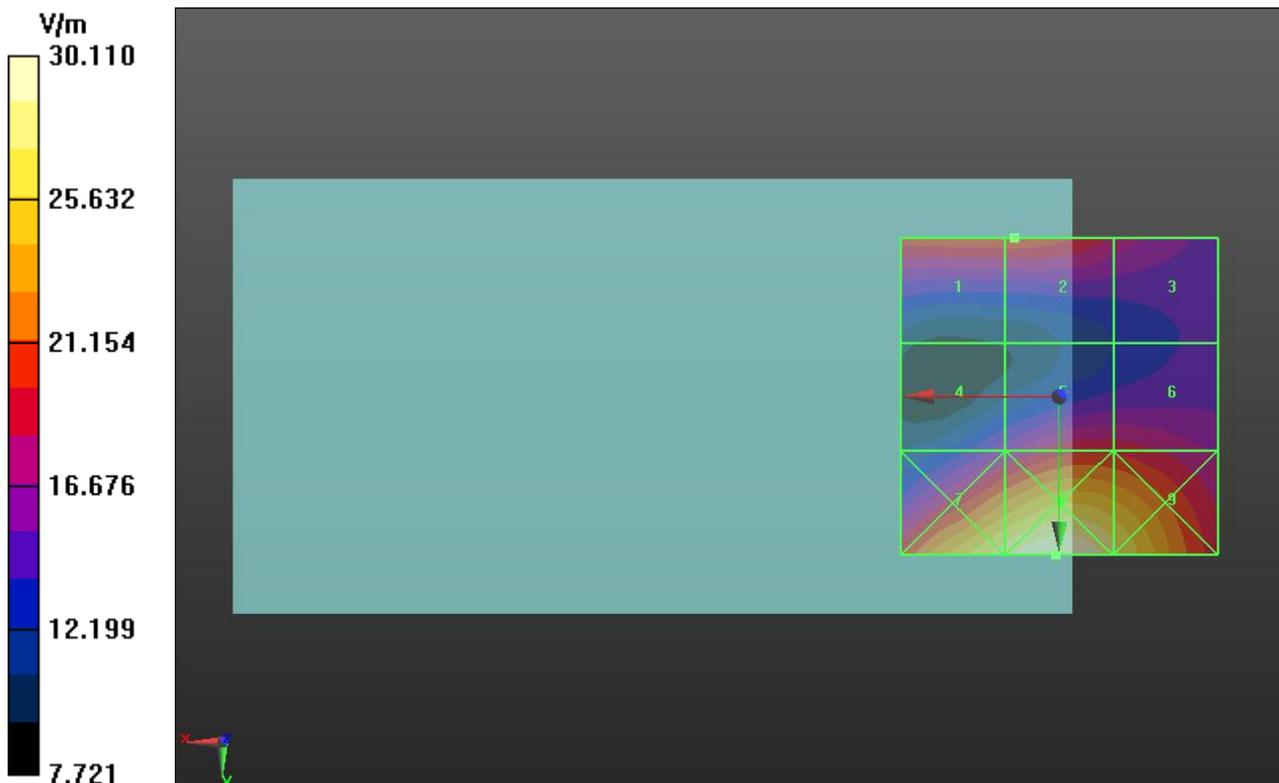
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 21.03 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 21.01 V/m	Grid 2 M4 21.03 V/m	Grid 3 M4 17.97 V/m
Grid 4 M4 16.33 V/m	Grid 5 M4 19.46 V/m	Grid 6 M4 19.31 V/m
Grid 7 M4 28.34 V/m	Grid 8 M4 30.11 V/m	Grid 9 M4 27.73 V/m



HAC-RF Emission

Communication System: CDMA2000; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC15/RC3 SO55_ch 450/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 = 12.98 V/m; Power Drift = -0.00 dB

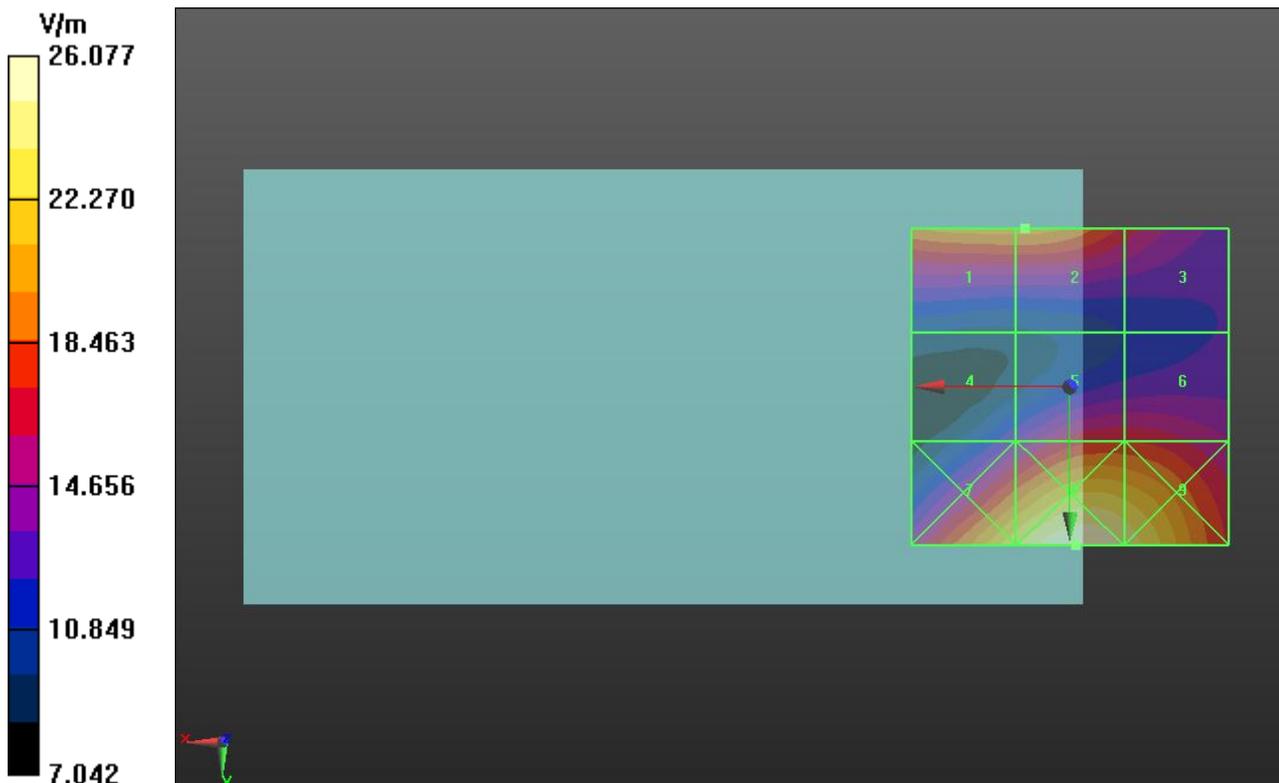
PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 20.55 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 20.51 V/m	Grid 2 M4 20.55 V/m	Grid 3 M4 16.86 V/m
Grid 4 M4 13.55 V/m	Grid 5 M4 17.28 V/m	Grid 6 M4 17.23 V/m
Grid 7 M4 23.48 V/m	Grid 8 M4 26.08 V/m	Grid 9 M4 24.60 V/m



HAC-RF Emission

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

E-Field, CDMA BC15/RC3 SO55_ch 875/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 = 16.93 V/m; Power Drift = -0.17 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 22.64 V/m

Near-field category: **M4 (AWF 0 dB)**

PMF scaled E-field

Grid 1 M4 22.64 V/m	Grid 2 M4 22.57 V/m	Grid 3 M4 18.04 V/m
Grid 4 M4 15.93 V/m	Grid 5 M4 19.65 V/m	Grid 6 M4 19.54 V/m
Grid 7 M4 25.80 V/m	Grid 8 M4 28.48 V/m	Grid 9 M4 26.88 V/m

