

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 (5); SEMCAD X Version 14.6.8 (7028)

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 = 83.76 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 63.98 V/m

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

PMF scaled E-field

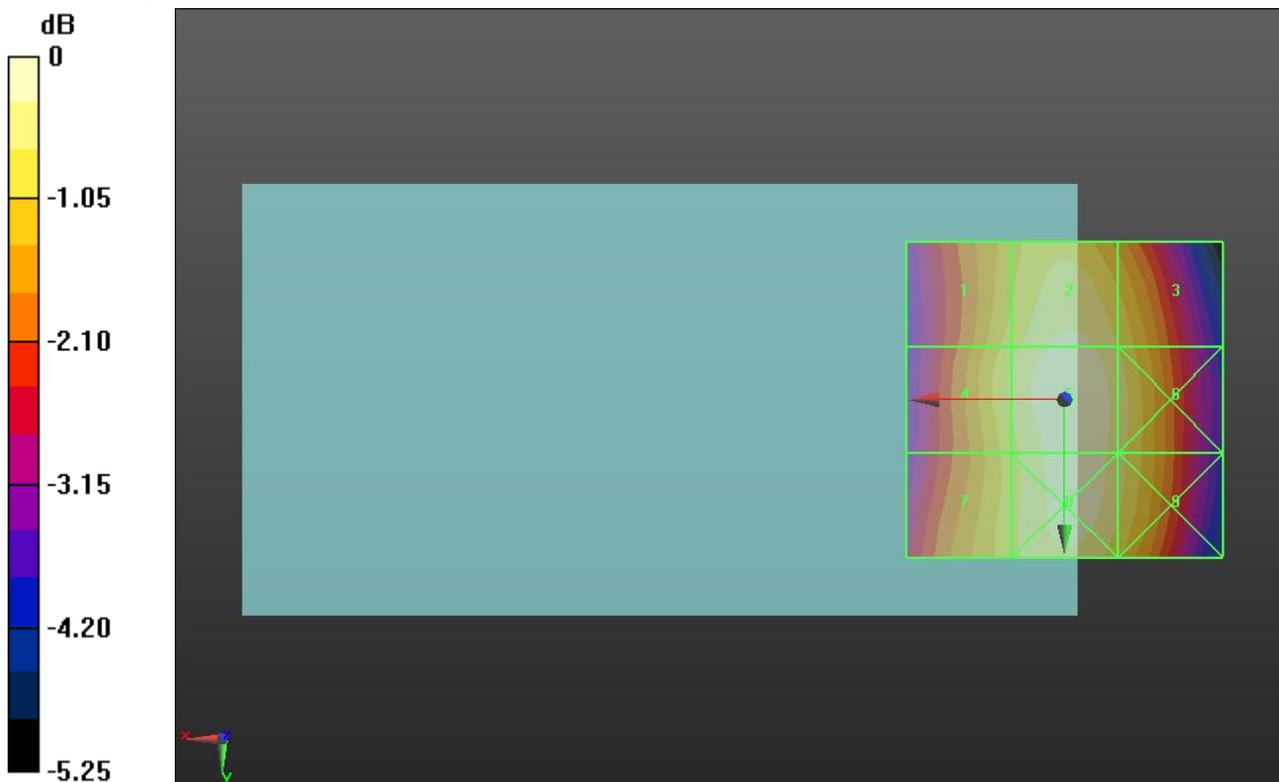
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 58.02 V/m | Grid 2 M4 62.16 V/m | Grid 3 M4 59.05 V/m |
| Grid 4 M4 59.42 V/m | Grid 5 M4 63.98 V/m | Grid 6 M4 60.48 V/m |
| Grid 7 M4 58.37 V/m | Grid 8 M4 62.97 V/m | Grid 9 M4 60.13 V/m |

Cursor:

Total = 63.98 V/m

E Category: M4

Location: -1, 0, 8.7 mm



0 dB = 63.98 V/m = 36.12 dBV/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 (5); SEMCAD X Version 14.6.8 (7028)

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 = 85.32 V/m; Power Drift = -0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 65.26 V/m

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

PMF scaled E-field

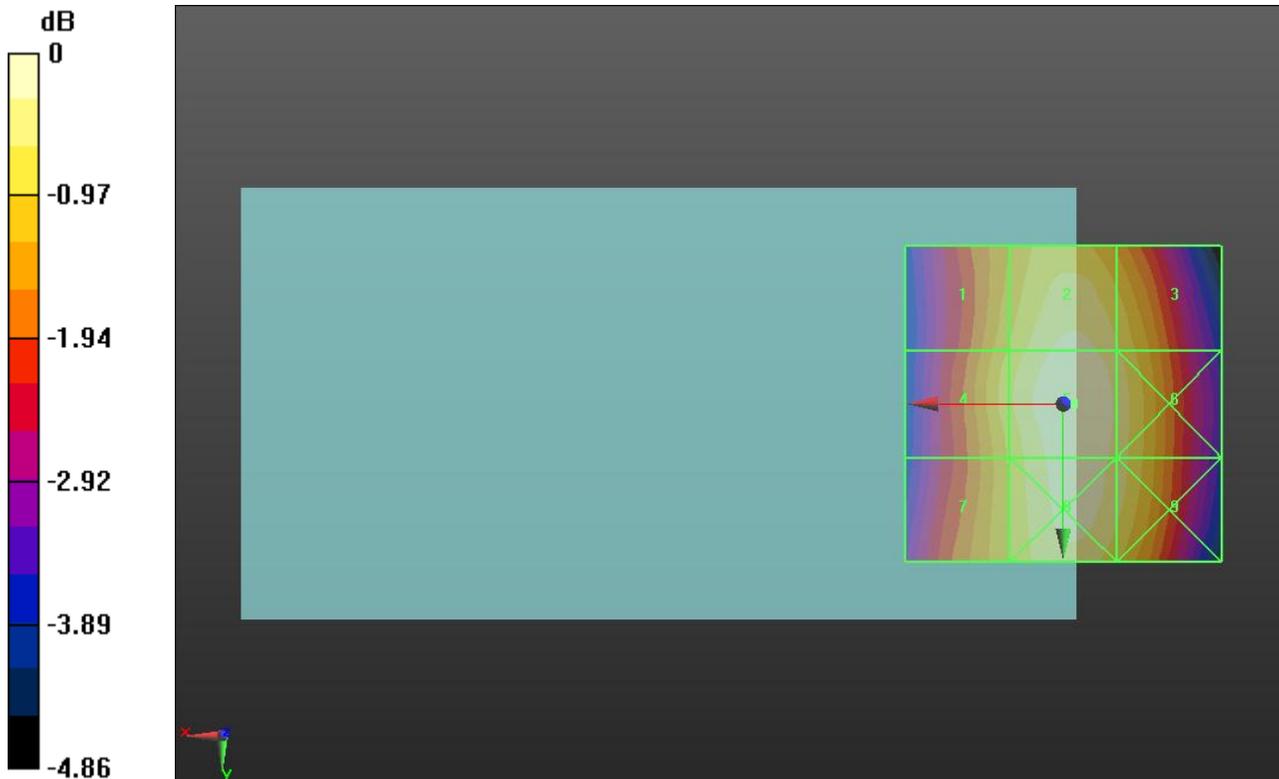
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 58.71 V/m | Grid 2 M4 63.68 V/m | Grid 3 M4 60.97 V/m |
| Grid 4 M4 60.13 V/m | Grid 5 M4 65.26 V/m | Grid 6 M4 62.45 V/m |
| Grid 7 M4 58.73 V/m | Grid 8 M4 64.29 V/m | Grid 9 M4 62.03 V/m |

Cursor:

Total = 65.26 V/m

E Category: M4

Location: -1.5, 0, 8.7 mm



0 dB = 65.26 V/m = 36.29 dBV/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 (5); SEMCAD X Version 14.6.8 (7028)

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 = 72.65 V/m; Power Drift = -0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 55.18 V/m

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

PMF scaled E-field

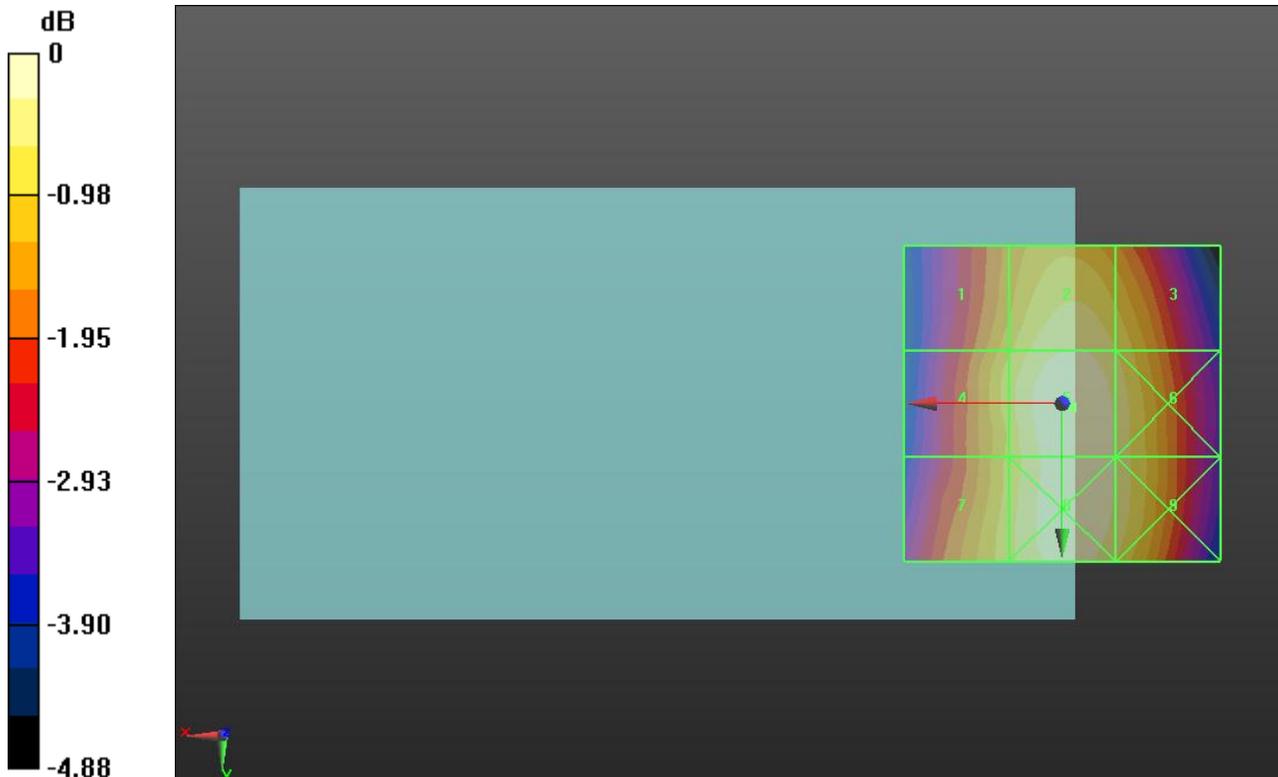
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|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 48.84 V/m | Grid 2 M4 53.25 V/m | Grid 3 M4 51.24 V/m |
| Grid 4 M4 50.44 V/m | Grid 5 M4 55.18 V/m | Grid 6 M4 52.93 V/m |
| Grid 7 M4 50.64 V/m | Grid 8 M4 55.05 V/m | Grid 9 M4 52.96 V/m |

Cursor:

Total = 55.18 V/m

E Category: M4

Location: -1.5, 0.5, 8.7 mm



0 dB = 55.18 V/m = 34.84 dBV/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 (5); SEMCAD X Version 14.6.8 (7028)

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 = 27.12 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 28.12 V/m

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

PMF scaled E-field

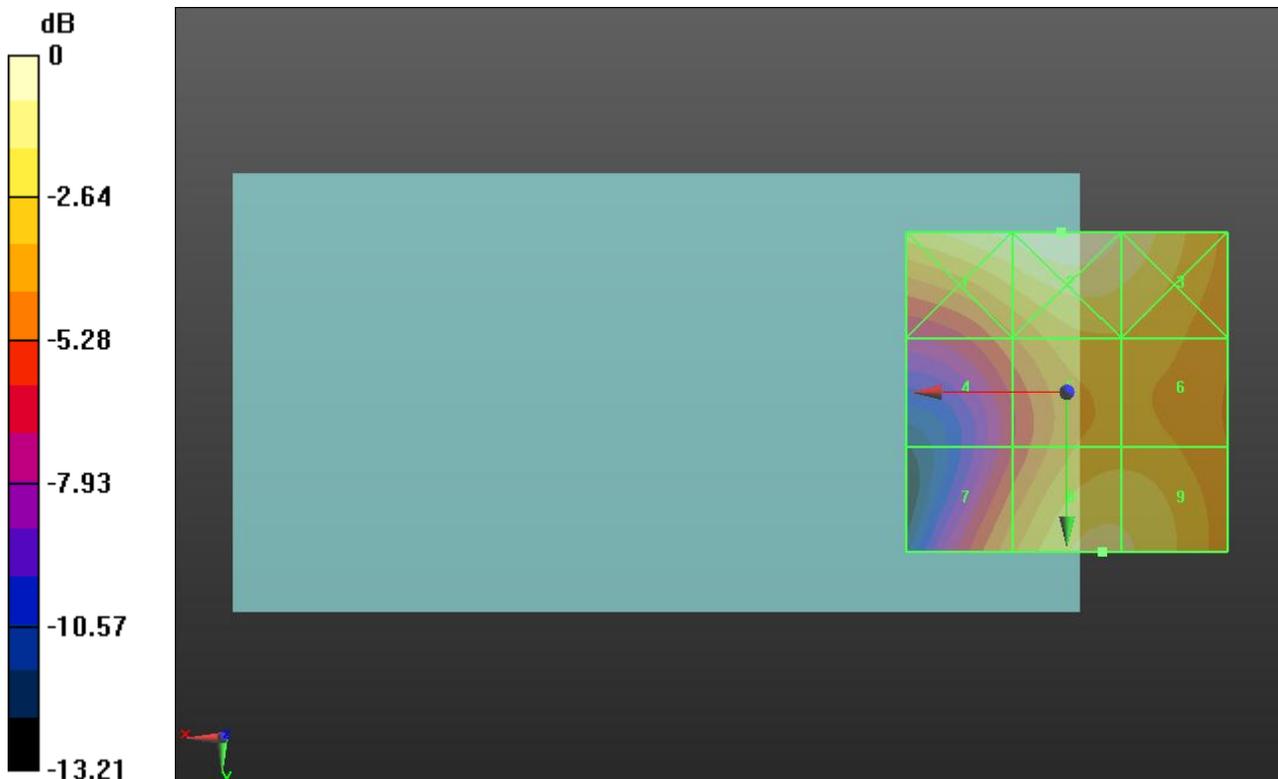
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|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 31.49 V/m | Grid 2 M4 33.31 V/m | Grid 3 M4 30.28 V/m |
| Grid 4 M4 19.78 V/m | Grid 5 M4 24.40 V/m | Grid 6 M4 24.28 V/m |
| Grid 7 M4 21.85 V/m | Grid 8 M4 28.12 V/m | Grid 9 M4 27.70 V/m |

Cursor:

Total = 33.31 V/m

E Category: M4

Location: 1, -25, 8.7 mm



0 dB = 33.31 V/m = 30.45 dBV/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 (5); SEMCAD X Version 14.6.8 (7028)

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 = 29.71 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 26.95 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

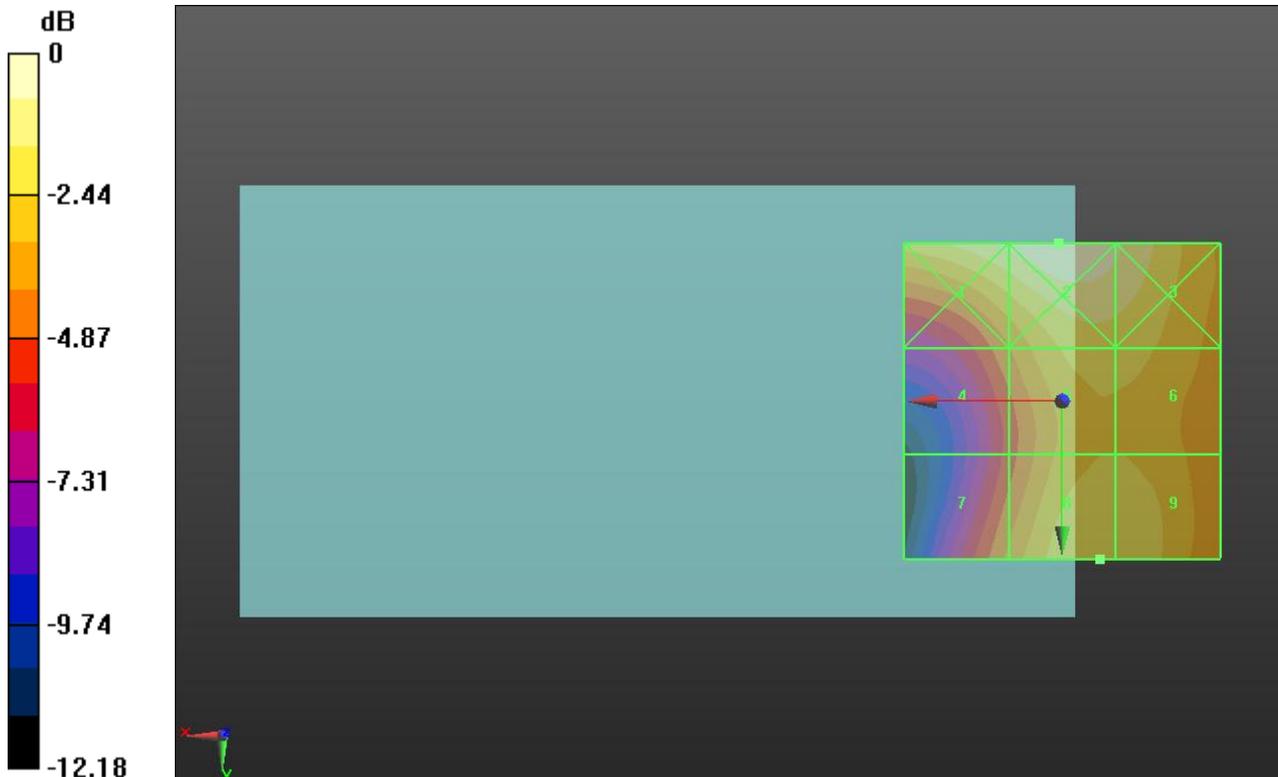
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|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 30.54 V/m | Grid 2 M4 32.55 V/m | Grid 3 M4 30.24 V/m |
| Grid 4 M4 20.31 V/m | Grid 5 M4 25.93 V/m | Grid 6 M4 25.72 V/m |
| Grid 7 M4 20.99 V/m | Grid 8 M4 26.95 V/m | Grid 9 M4 26.74 V/m |

Cursor:

Total = 32.55 V/m

E Category: M4

Location: 0.5, -25, 8.7 mm



0 dB = 32.55 V/m = 30.25 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 (5); SEMCAD X Version 14.6.8 (7028)

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 = 34.23 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 31.01 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

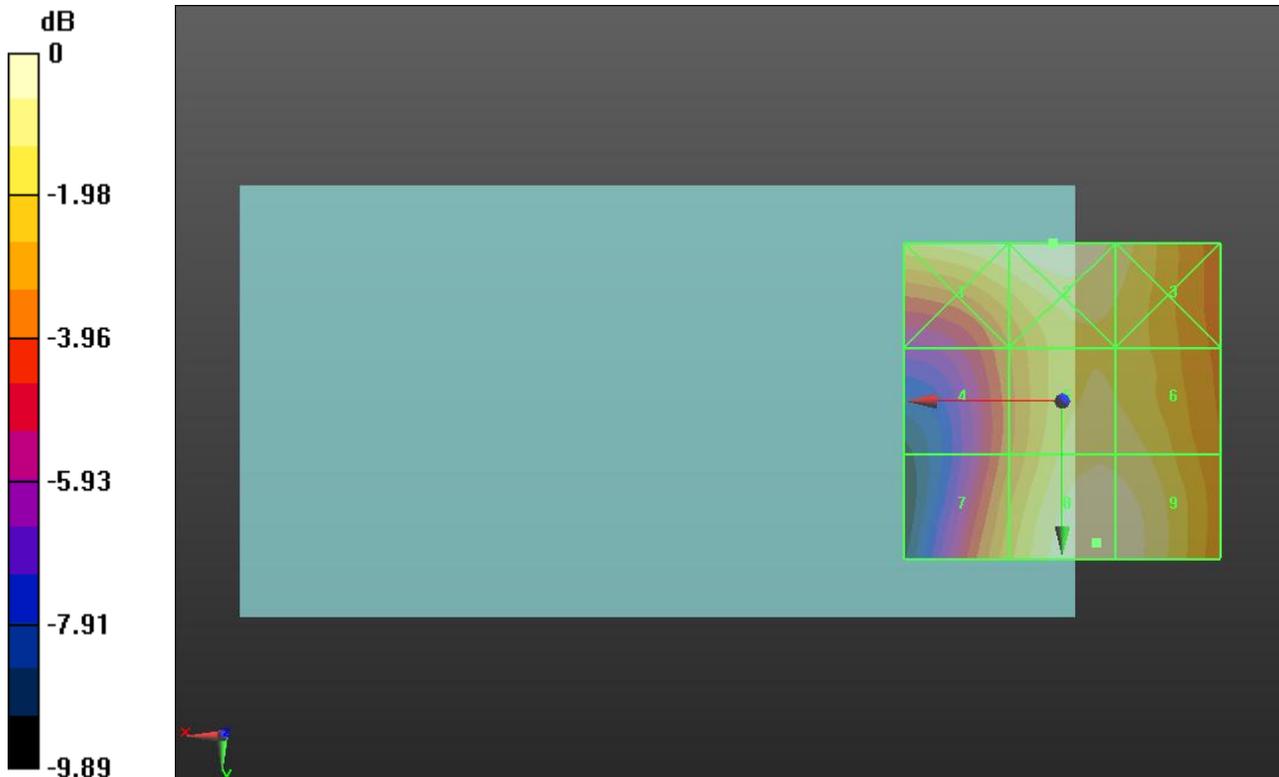
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 29.93 V/m | Grid 2 M4 31.21 V/m | Grid 3 M4 28.28 V/m |
| Grid 4 M4 21.33 V/m | Grid 5 M4 28.56 V/m | Grid 6 M4 28.31 V/m |
| Grid 7 M4 24.29 V/m | Grid 8 M4 31.01 V/m | Grid 9 M4 30.55 V/m |

Cursor:

Total = 31.21 V/m

E Category: M4

Location: 1.5, -25, 8.7 mm



0 dB = 31.21 V/m = 29.89 dBV/m

HAC-RF Emission

Communication System: CDMA2000; Frequency: 817.9 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 (5); SEMCAD X Version 14.6.8 (7028)

E-Field, CDMA BC10/RC3 SO55_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 = 78.78 V/m; Power Drift = -0.10 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 59.65 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

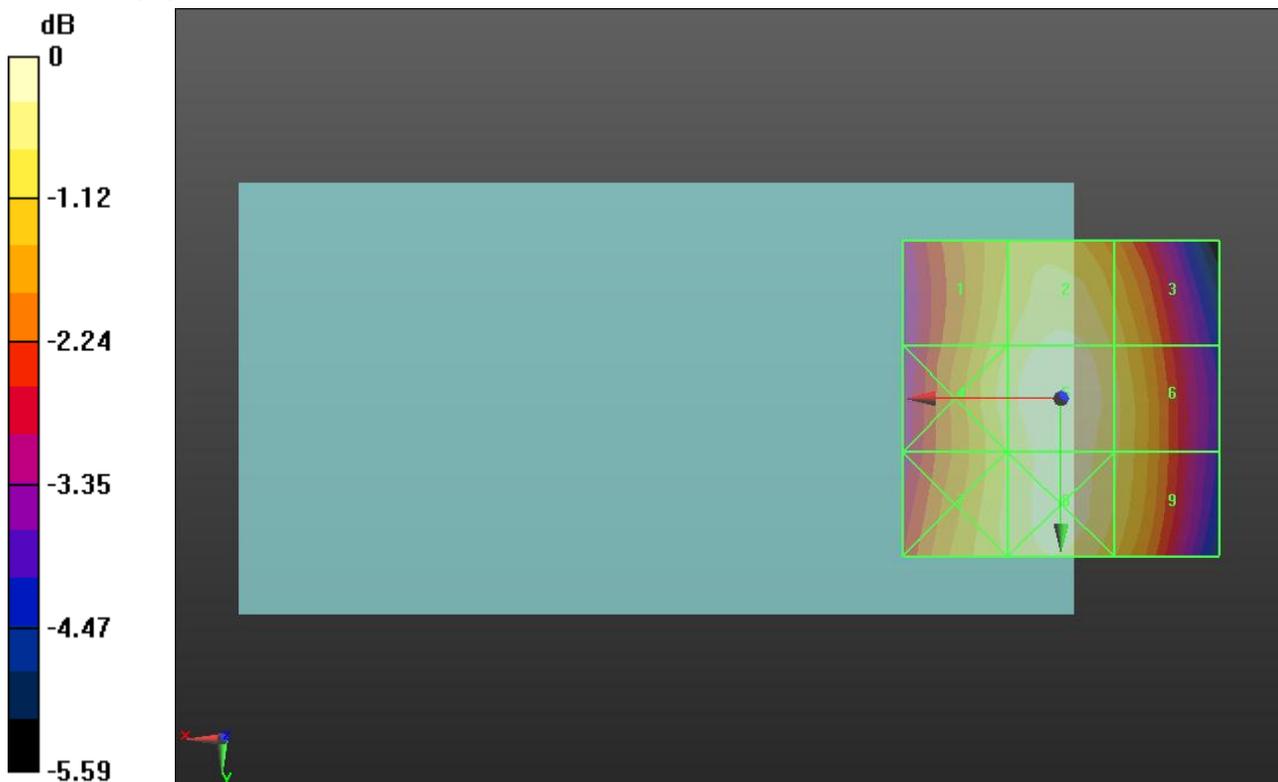
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|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 54.55 V/m | Grid 2 M4 57.79 V/m | Grid 3 M4 54.15 V/m |
| Grid 4 M4 56.15 V/m | Grid 5 M4 59.65 V/m | Grid 6 M4 55.61 V/m |
| Grid 7 M4 55.49 V/m | Grid 8 M4 58.74 V/m | Grid 9 M4 55.26 V/m |

Cursor:

Total = 59.65 V/m

E Category: M4

Location: 0, 0, 8.7 mm



0 dB = 59.65 V/m = 35.51 dBV/m

HAC-RF Emission

Communication System: CDMA2000; Frequency: 820.5 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 (5); SEMCAD X Version 14.6.8 (7028)

E-Field, CDMA BC10/RC3 SO55_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 = 82.88 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 63.18 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

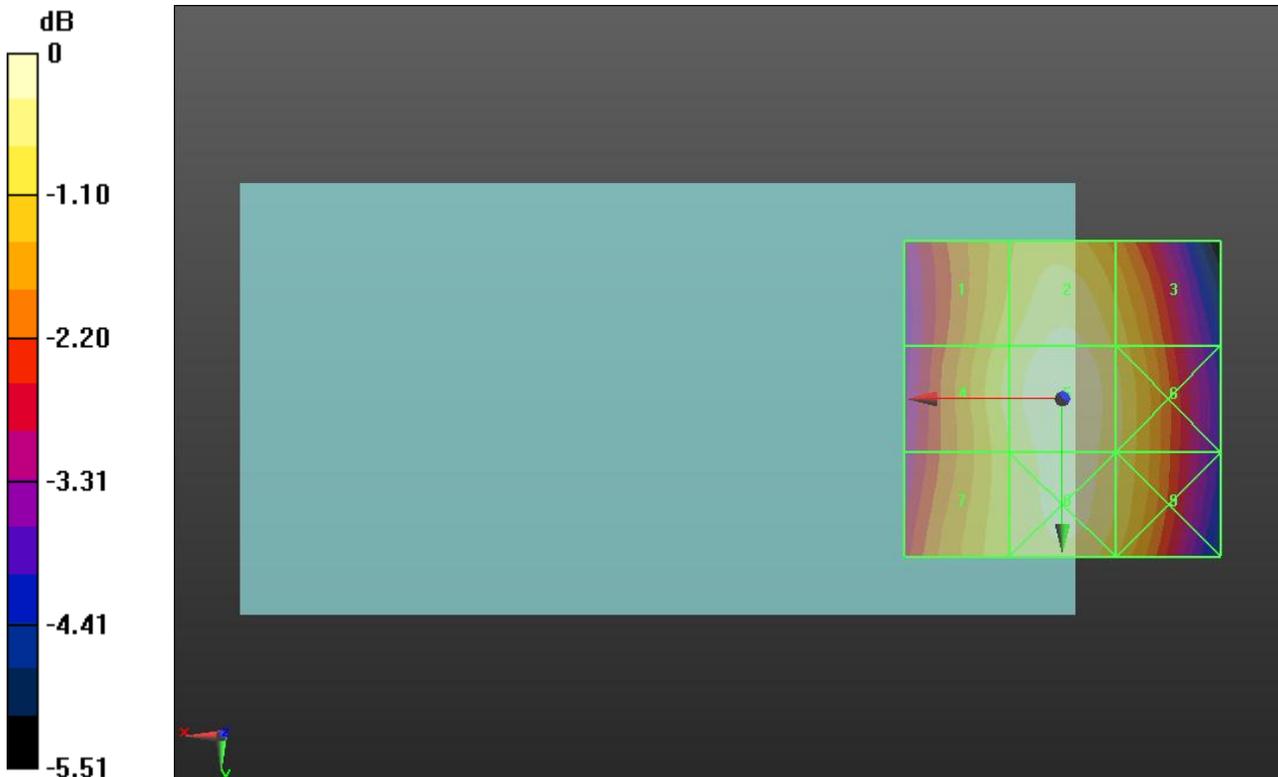
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 57.60 V/m | Grid 2 M4 61.43 V/m | Grid 3 M4 57.59 V/m |
| Grid 4 M4 59.09 V/m | Grid 5 M4 63.18 V/m | Grid 6 M4 58.99 V/m |
| Grid 7 M4 57.90 V/m | Grid 8 M4 62.09 V/m | Grid 9 M4 58.69 V/m |

Cursor:

Total = 63.18 V/m

E Category: M4

Location: 0, 0, 8.7 mm



0 dB = 63.18 V/m = 36.01 dBV/m

HAC-RF Emission

Communication System: CDMA2000; Frequency: 823.1 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 (5); SEMCAD X Version 14.6.8 (7028)

E-Field, CDMA BC10/RC3 SO55_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 = 85.37 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 64.84 V/m

Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

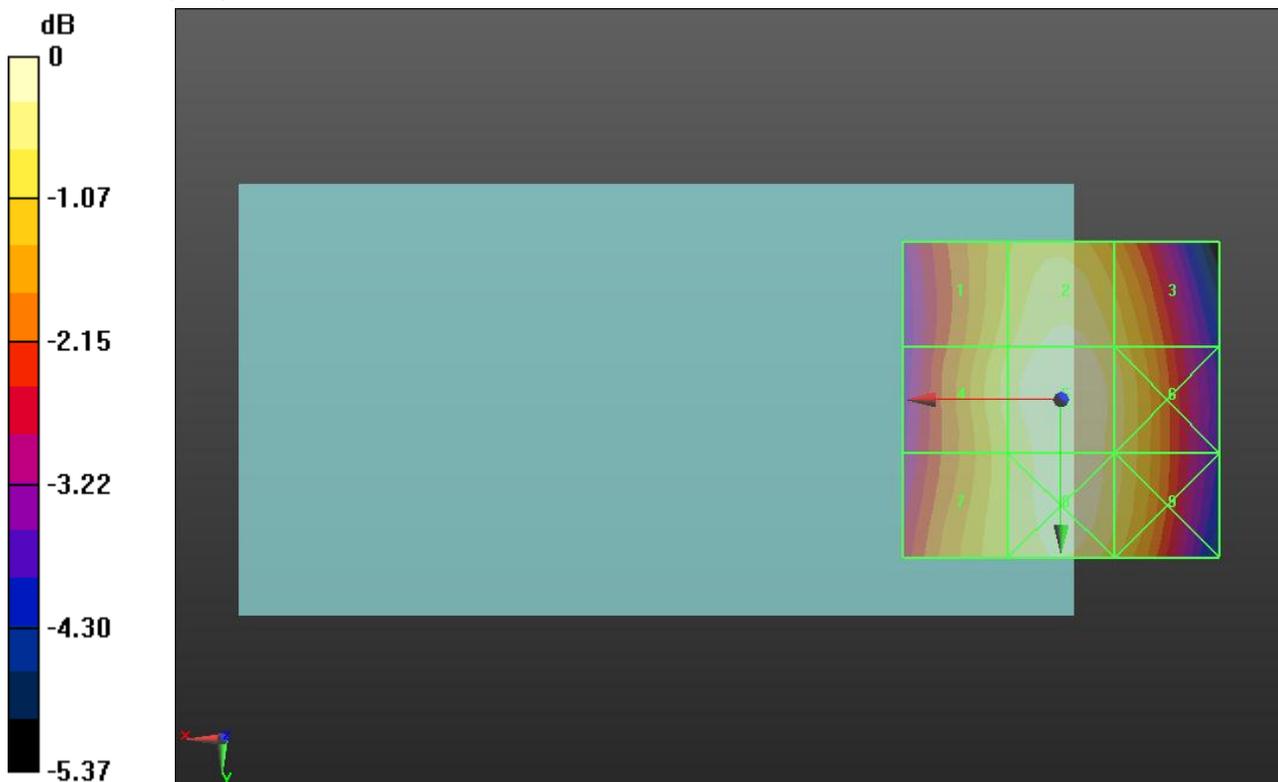
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 59.20 V/m | Grid 2 M4 63.18 V/m | Grid 3 M4 59.60 V/m |
| Grid 4 M4 60.74 V/m | Grid 5 M4 64.84 V/m | Grid 6 M4 61.25 V/m |
| Grid 7 M4 59.74 V/m | Grid 8 M4 63.97 V/m | Grid 9 M4 60.92 V/m |

Cursor:

Total = 64.84 V/m

E Category: M4

Location: -0.5, 0.5, 8.7 mm



0 dB = 64.84 V/m = 36.24 dBV/m