CELL – BC10

CDMA 835 BC-10 Channel 476 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 817.9 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CELL_476/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 37.4 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 49.6 V/m; Power Drift = -0.349 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

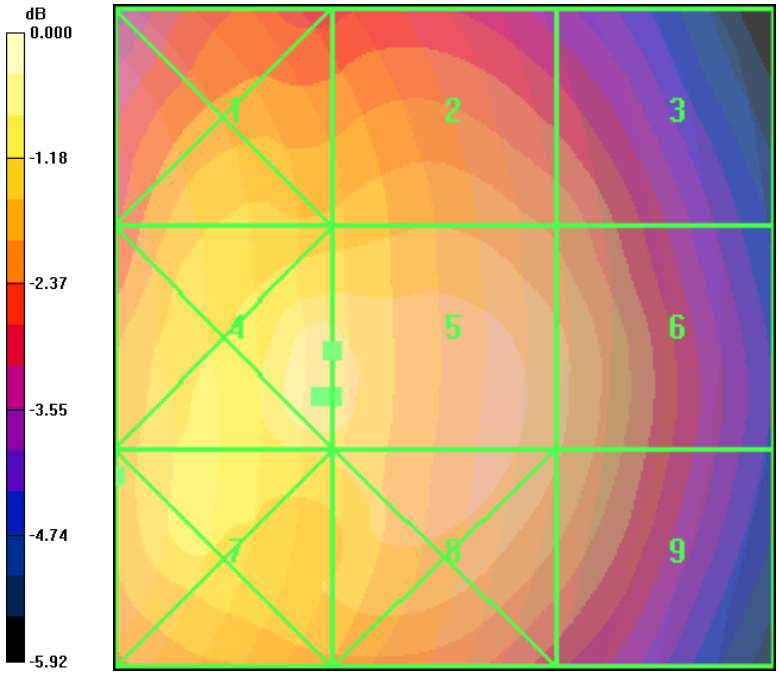
Peak E-field in V/m

Grid 1 **31.9 M4**	Grid 2 **32.9 M4**	Grid 3 **31.2 M4**
Grid 4 **37.7 M4**	Grid 5 **37.4 M4**	Grid 6 **33.4 M4**
Grid 7 **35.0 M4**	Grid 8 **35.7 M4**	Grid 9 **33.1 M4**

CELL_476/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.080 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.072 A/m; Power Drift = -0.245 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.102 M4**	Grid 2 **0.079 M4**	Grid 3 **0.058 M4**
Grid 4 **0.104 M4**	Grid 5 **0.080 M4**	Grid 6 **0.059 M4**
Grid 7 **0.104 M4**	Grid 8 **0.079 M4**	Grid 9 **0.058 M4**



0 dB = 37.7V/m

CDMA 835 BC-10 Channel 580 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 820.5 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CELL_580/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 39.4 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 55.2 V/m; Power Drift = -0.610 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

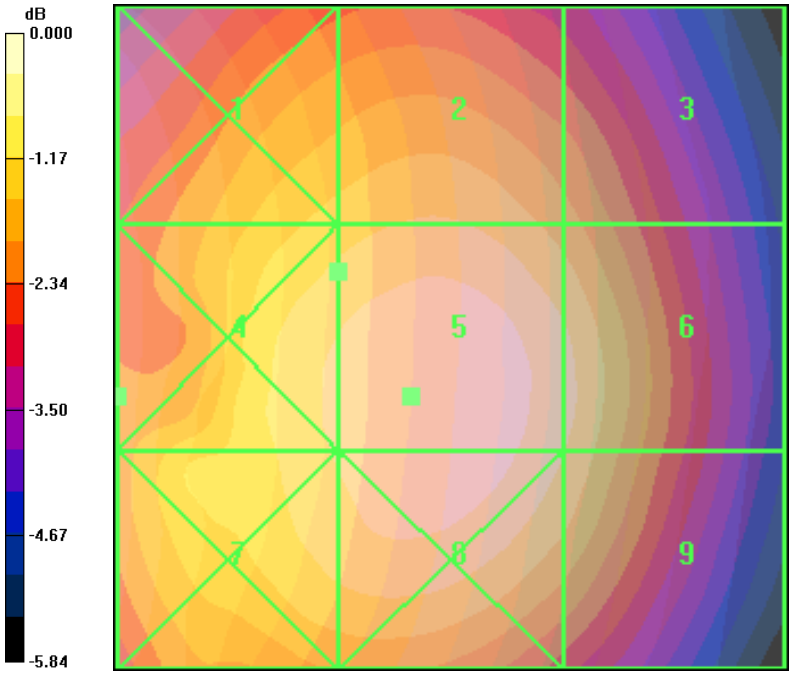
Peak E-field in V/m

Grid 1 **35.2 M4**	Grid 2 **36.3 M4**	Grid 3 **33.7 M4**
Grid 4 **38.1 M4**	Grid 5 **39.4 M4**	Grid 6 **36.6 M4**
Grid 7 **37.9 M4**	Grid 8 **39.0 M4**	Grid 9 **36.1 M4**

CELL_580/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.082 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.073 A/m; Power Drift = -0.183 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.108 M4**	Grid 2 **0.082 M4**	Grid 3 **0.060 M4**
Grid 4 **0.112 M4**	Grid 5 **0.082 M4**	Grid 6 **0.060 M4**
Grid 7 **0.112 M4**	Grid 8 **0.081 M4**	Grid 9 **0.060 M4**



0 dB = 39.4V/m

CDMA 835 BC-10 Channel 684 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 823.1 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CELL_684/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 40.8 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 53.7 V/m; Power Drift = -0.234 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

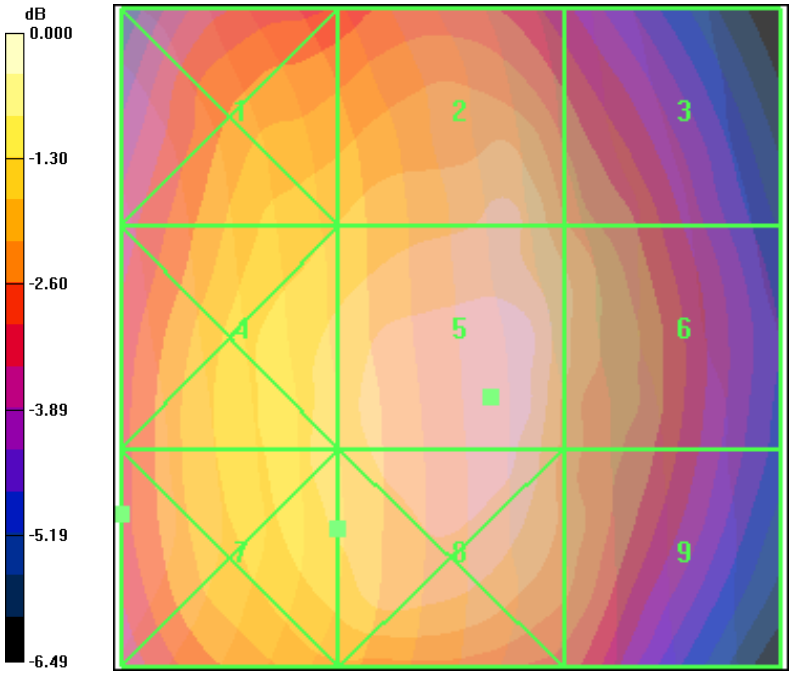
Peak E-field in V/m

Grid 1 **35.2 M4**	Grid 2 **37.5 M4**	Grid 3 **33.9 M4**
Grid 4 **37.9 M4**	Grid 5 **40.8 M4**	Grid 6 **35.8 M4**
Grid 7 **37.9 M4**	Grid 8 **40.0 M4**	Grid 9 **34.8 M4**

CELL_684/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.080 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.070 A/m; Power Drift = 0.025 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

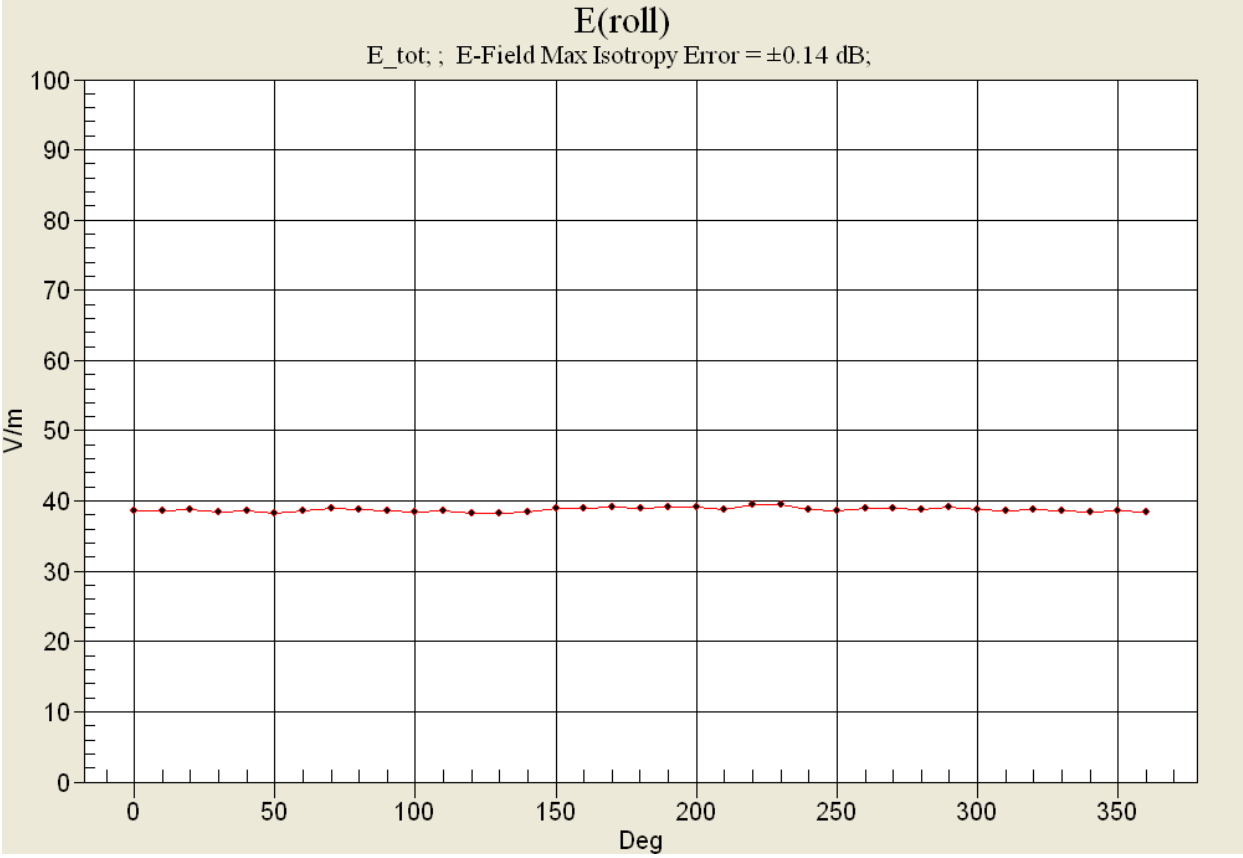
Peak H-field in A/m

Grid 1 **0.102 M4**	Grid 2 **0.078 M4**	Grid 3 **0.057 M4**
Grid 4 **0.106 M4**	Grid 5 **0.080 M4**	Grid 6 **0.059 M4**
Grid 7 **0.107 M4**	Grid 8 **0.080 M4**	Grid 9 **0.059 M4**



0 dB = 40.8V/m

CDMA 835 Channel 684 (360) E roll



CELL – BC0

CDMA 835 BC-0 Channel 1013 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 824.7 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 40.3 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 53.2 V/m; Power Drift = -0.148 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

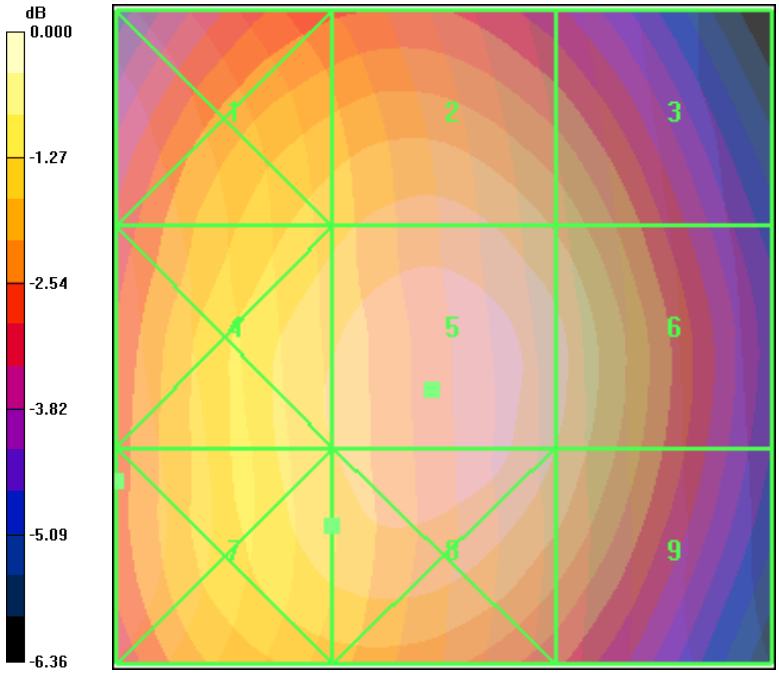
Peak E-field in V/m

Grid 1 **36.0 M4**	Grid 2 **37.4 M4**	Grid 3 **34.7 M4**
Grid 4 **38.7 M4**	Grid 5 **40.3 M4**	Grid 6 **37.2 M4**
Grid 7 **38.3 M4**	Grid 8 **39.6 M4**	Grid 9 **36.6 M4**

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.082 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.072 A/m; Power Drift = -0.109 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.103 M4**	Grid 2 **0.080 M4**	Grid 3 **0.059 M4**
Grid 4 **0.107 M4**	Grid 5 **0.081 M4**	Grid 6 **0.061 M4**
Grid 7 **0.108 M4**	Grid 8 **0.082 M4**	Grid 9 **0.061 M4**



0 dB = 40.3V/m

CDMA 835 BC-0 Channel 384 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 836.52 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CELL_384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 44.8 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 58.6 V/m; Power Drift = -0.011 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

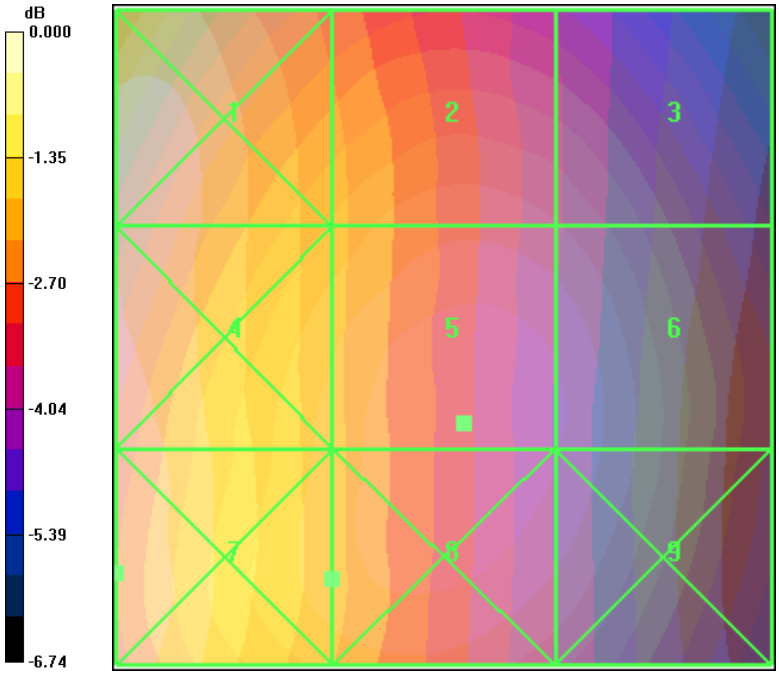
Peak E-field in V/m

Grid 1 **36.8 M4**	Grid 2 **40.0 M4**	Grid 3 **38.6 M4**
Grid 4 **41.3 M4**	Grid 5 **44.8 M4**	Grid 6 **43.0 M4**
Grid 7 **41.8 M4**	Grid 8 **44.8 M4**	Grid 9 **42.7 M4**

CELL_384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.089 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.078 A/m; Power Drift = 0.119 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.114 M4**	Grid 2 **0.089 M4**	Grid 3 **0.062 M4**
Grid 4 **0.122 M4**	Grid 5 **0.089 M4**	Grid 6 **0.062 M4**
Grid 7 **0.124 M4**	Grid 8 **0.089 M4**	Grid 9 **0.061 M4**



0 dB = 44.8V/m

CDMA 835 BC-0 Channel 777 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 848.31 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 46.0 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 60.1 V/m; Power Drift = -0.056 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

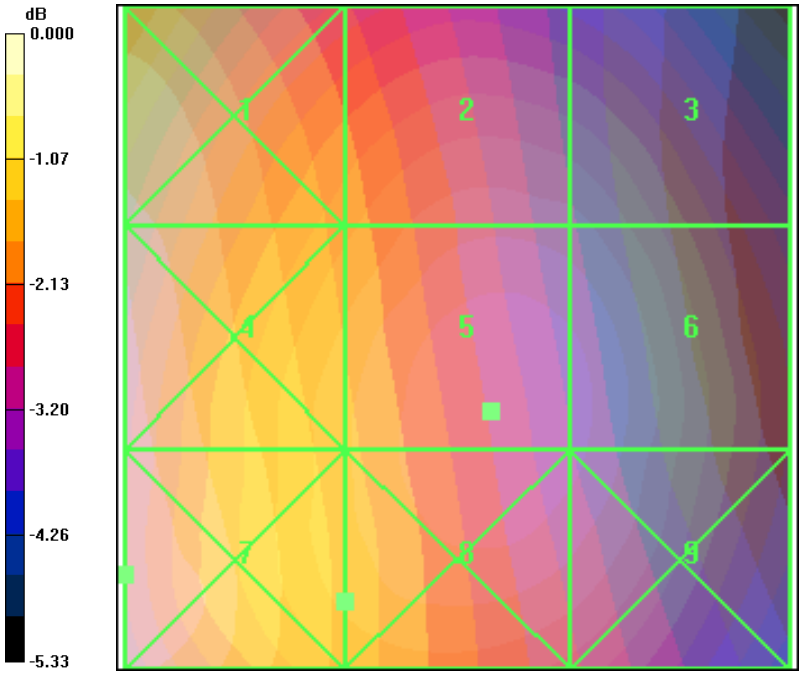
Peak E-field in V/m

Grid 1 **38.6 M4**	Grid 2 **42.0 M4**	Grid 3 **41.3 M4**
Grid 4 **42.1 M4**	Grid 5 **46.0 M4**	Grid 6 **45.0 M4**
Grid 7 **42.1 M4**	Grid 8 **45.8 M4**	Grid 9 **44.7 M4**

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.082 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.067 A/m; Power Drift = 0.163 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

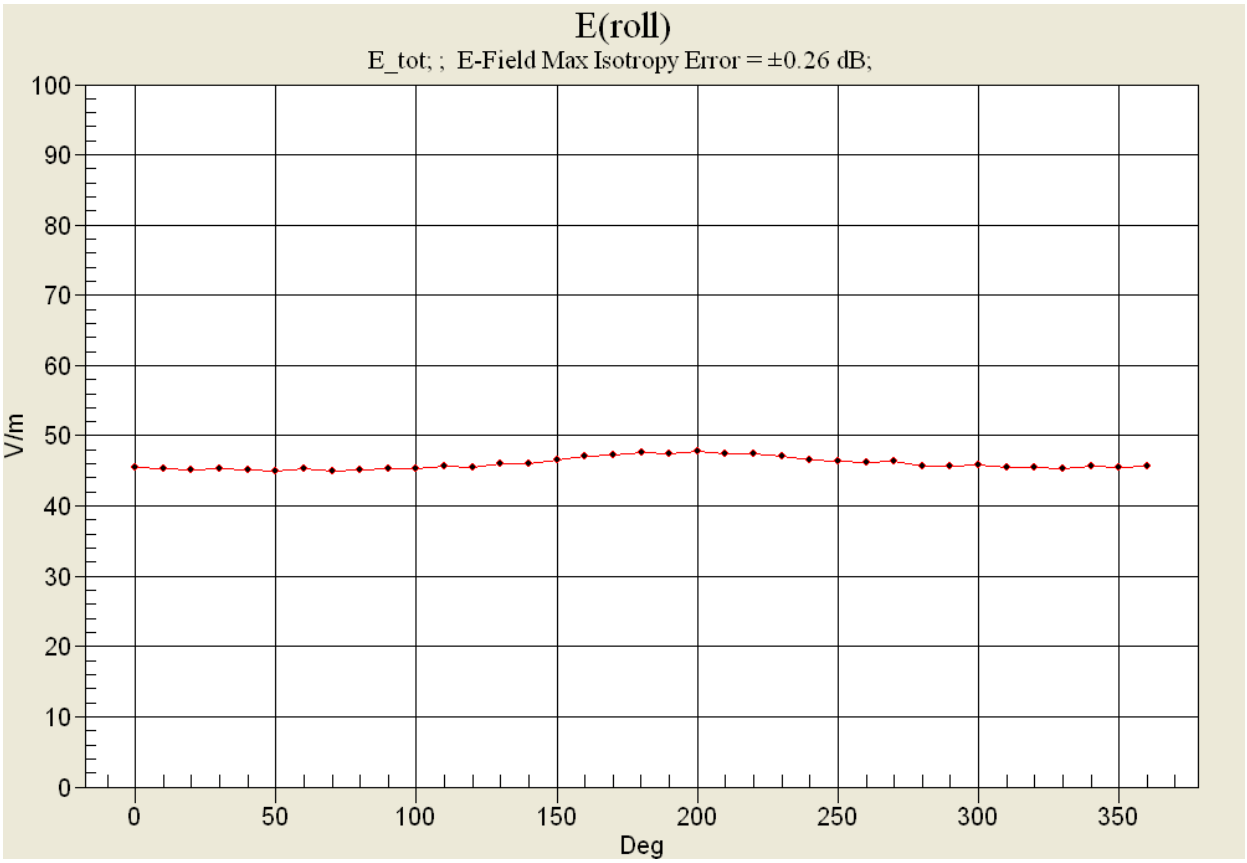
Peak H-field in A/m

Grid 1 **0.099 M4**	Grid 2 **0.075 M4**	Grid 3 **0.050 M4**
Grid 4 **0.109 M4**	Grid 5 **0.079 M4**	Grid 6 **0.054 M4**
Grid 7 **0.112 M4**	Grid 8 **0.082 M4**	Grid 9 **0.058 M4**



0 dB = 46.0V/m

CDMA 835 Channel 777 (360) E roll



PCS

CDMA 1900 Channel 25 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 1850 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 41.2 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 54.9 V/m; Power Drift = -0.437 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

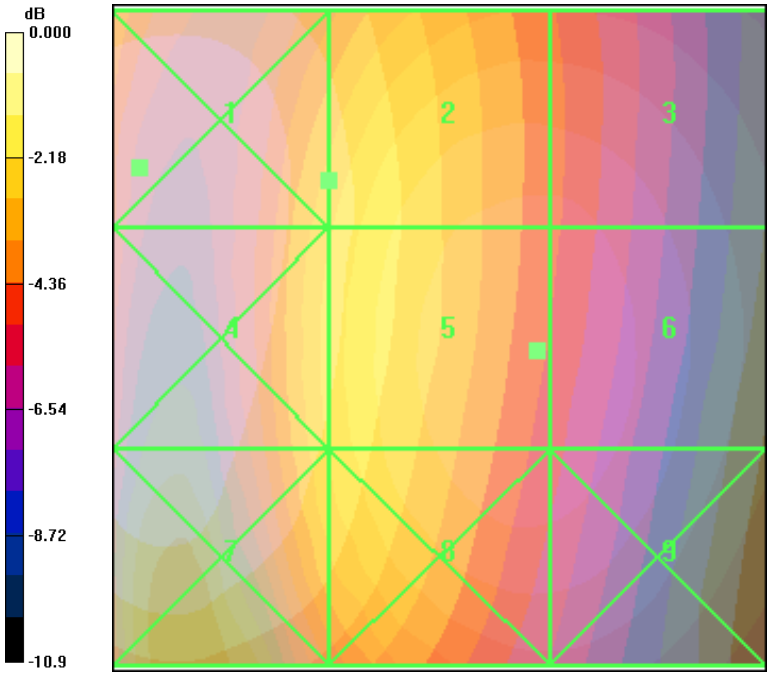
Peak E-field in V/m

Grid 1 **29.0 M4**	Grid 2 **39.0 M4**	Grid 3 **39.0 M4**
Grid 4 **30.5 M4**	Grid 5 **41.2 M4**	Grid 6 **41.2 M4**
Grid 7 **29.8 M4**	Grid 8 **40.1 M4**	Grid 9 **39.9 M4**

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.151 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.141 A/m; Power Drift = -0.085 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.166 M4**	Grid 2 **0.151 M4**	Grid 3 **0.112 M4**
Grid 4 **0.165 M4**	Grid 5 **0.151 M4**	Grid 6 **0.112 M4**
Grid 7 **0.161 M4**	Grid 8 **0.146 M4**	Grid 9 **0.106 M4**



0 dB = 41.2V/m

CDMA 1900 Channel 600 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 46.7 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 56.8 V/m; Power Drift = 0.081 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

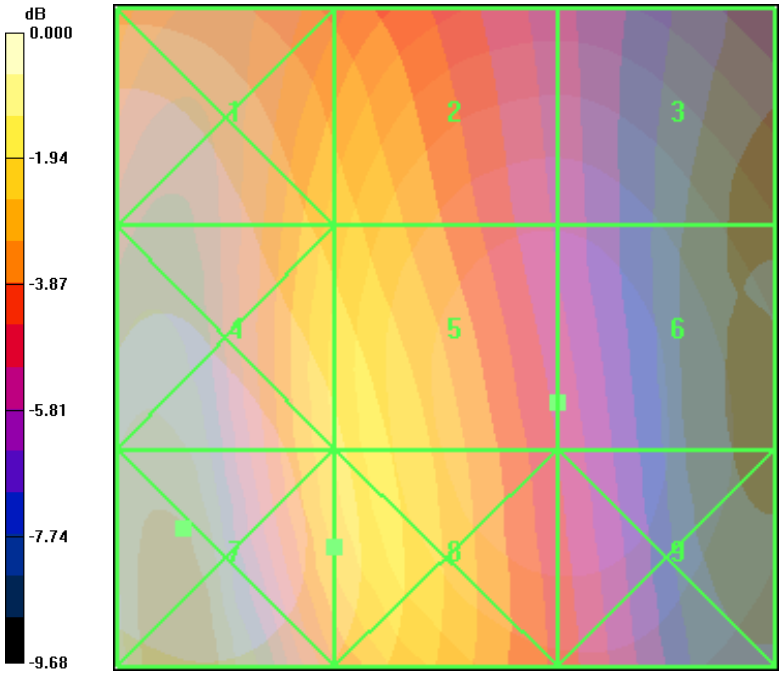
Peak E-field in V/m

Grid 1 **33.3 M4**	Grid 2 **43.2 M4**	Grid 3 **43.2 M4**
Grid 4 **35.5 M4**	Grid 5 **46.7 M4**	Grid 6 **46.7 M4**
Grid 7 **34.9 M4**	Grid 8 **46.4 M4**	Grid 9 **46.4 M4**

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.154 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.134 A/m; Power Drift = 0.291 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.157 M4**	Grid 2 **0.138 M4**	Grid 3 **0.099 M4**
Grid 4 **0.165 M4**	Grid 5 **0.152 M4**	Grid 6 **0.106 M4**
Grid 7 **0.168 M4**	Grid 8 **0.154 M4**	Grid 9 **0.111 M4**



0 dB = 46.7V/m

CDMA 1900 Channel 1175 Date: 05/02/2012

Communication System: CDMA_Tri_BC0&10, Frequency: 1910 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3 Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2341Probe: H3DV5 - SN6029, ConvF(1, 1, 1), Calibrated: 7/12/2011Calibrated: 7/20/2011
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 45.8 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 57.5 V/m; Power Drift = 0.056 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

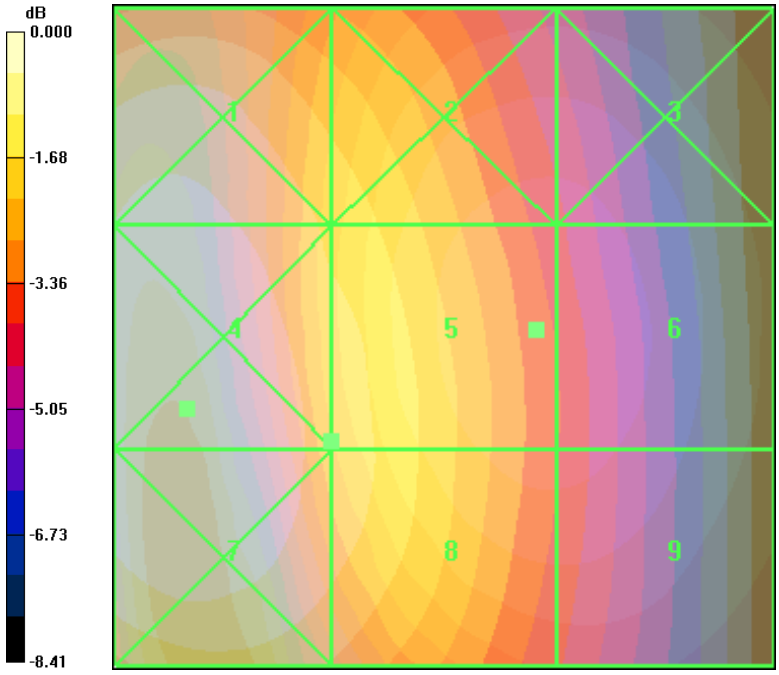
Peak E-field in V/m

Grid 1 **34.5 M4**	Grid 2 **44.3 M4**	Grid 3 **44.2 M4**
Grid 4 **34.9 M4**	Grid 5 **45.8 M4**	Grid 6 **45.7 M4**
Grid 7 **32.9 M4**	Grid 8 **44.0 M4**	Grid 9 **44.0 M4**

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.175 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.166 A/m; Power Drift = -0.033 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.182 M4**	Grid 2 **0.168 M4**	Grid 3 **0.126 M4**
Grid 4 **0.188 M4**	Grid 5 **0.175 M4**	Grid 6 **0.132 M4**
Grid 7 **0.187 M4**	Grid 8 **0.175 M4**	Grid 9 **0.131 M4**



0 dB = 45.8V/m

CDMA 1900 Channel 600 (360) E roll