CELL-BC0

CDMA 835 Channel 1013 Date: 02/22/2013

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: 9/14/2012
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/30/2012
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 = 64.5 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 82.4 V/m; Power Drift = 0.020 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

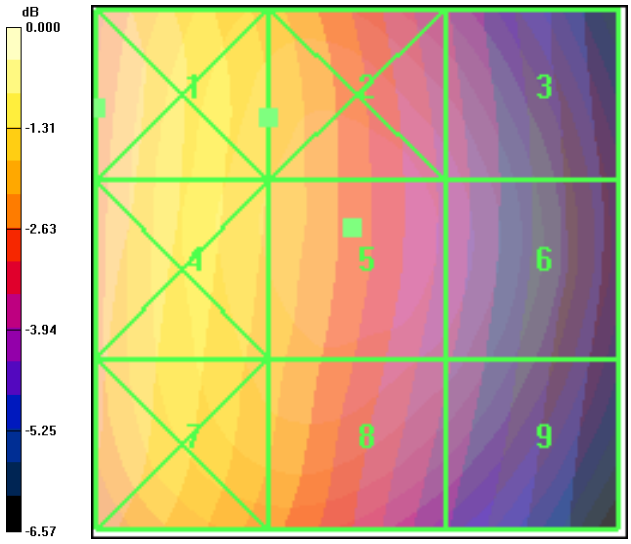
Peak E-field in V/m

Grid 1 **61.1 M4**	Grid 2 **63.5 M4**	Grid 3 **59.8 M4**
Grid 4 **61.9 M4**	Grid 5 **64.5 M4**	Grid 6 **60.9 M4**
Grid 7 **59.6 M4**	Grid 8 **61.1 M4**	Grid 9 **57.1 M4**

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.108 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.090 A/m; Power Drift = 0.108 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.147 M4**	Grid 2 **0.108 M4**	Grid 3 **0.070 M4**
Grid 4 **0.144 M4**	Grid 5 **0.107 M4**	Grid 6 **0.070 M4**
Grid 7 **0.138 M4**	Grid 8 **0.102 M4**	Grid 9 **0.067 M4**



0 dB = 64.5V/m

CDMA 835 Channel 384 Date: 02/22/2013

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: 9/14/2012
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/30/2012
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 = 62.8 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 81.5 V/m; Power Drift = -0.193 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

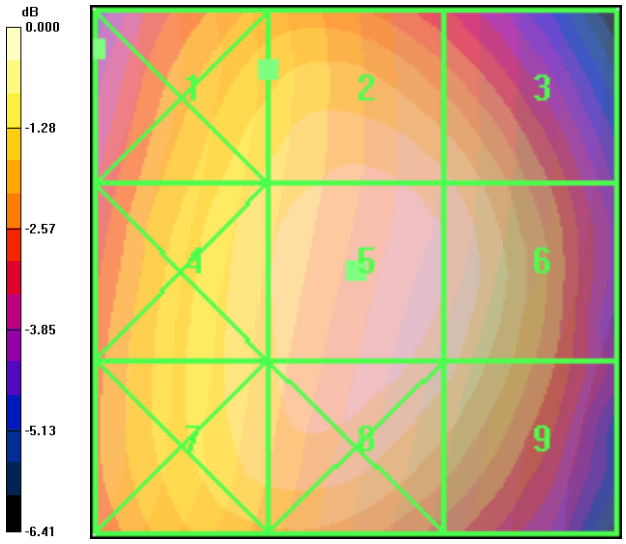
Peak E-field in V/m

Grid 1 **57.6 M4**	Grid 2 **60.7 M4**	Grid 3 **57.7 M4**
Grid 4 **59.6 M4**	Grid 5 **62.8 M4**	Grid 6 **60.0 M4**
Grid 7 **59.4 M4**	Grid 8 **61.2 M4**	Grid 9 **57.9 M4**

CELL_384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.098 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.083 A/m; Power Drift = 0.148 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.135 M4**	Grid 2 **0.098 M4**	Grid 3 **0.068 M4**
Grid 4 **0.128 M4**	Grid 5 **0.095 M4**	Grid 6 **0.067 M4**
Grid 7 **0.122 M4**	Grid 8 **0.090 M4**	Grid 9 **0.062 M4**



0 dB = 62.8V/m

CDMA 835 Channel 777 Date: 02/22/2013

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: 9/14/2012
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/30/2012
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 = 70.8 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 91.9 V/m; Power Drift = 0.039 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

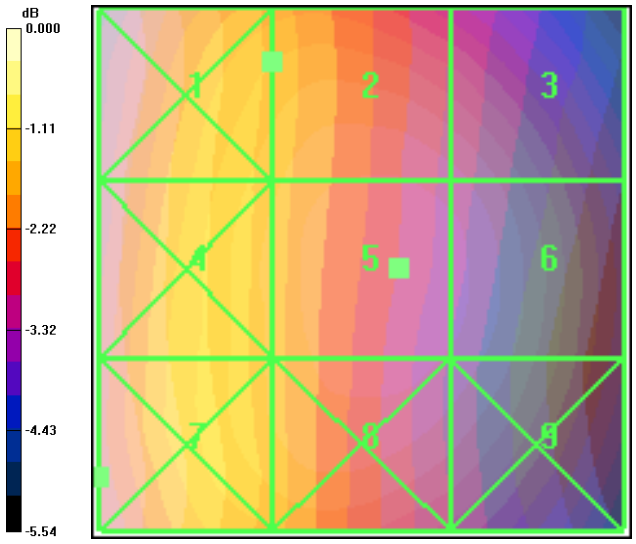
Peak E-field in V/m

Grid 1 **64.3 M4**	Grid 2 **68.2 M4**	Grid 3 **66.3 M4**
Grid 4 **66.1 M4**	Grid 5 **70.8 M4**	Grid 6 **69.2 M4**
Grid 7 **65.6 M4**	Grid 8 **69.1 M4**	Grid 9 **67.4 M4**

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.094 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.081 A/m; Power Drift = -0.193 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

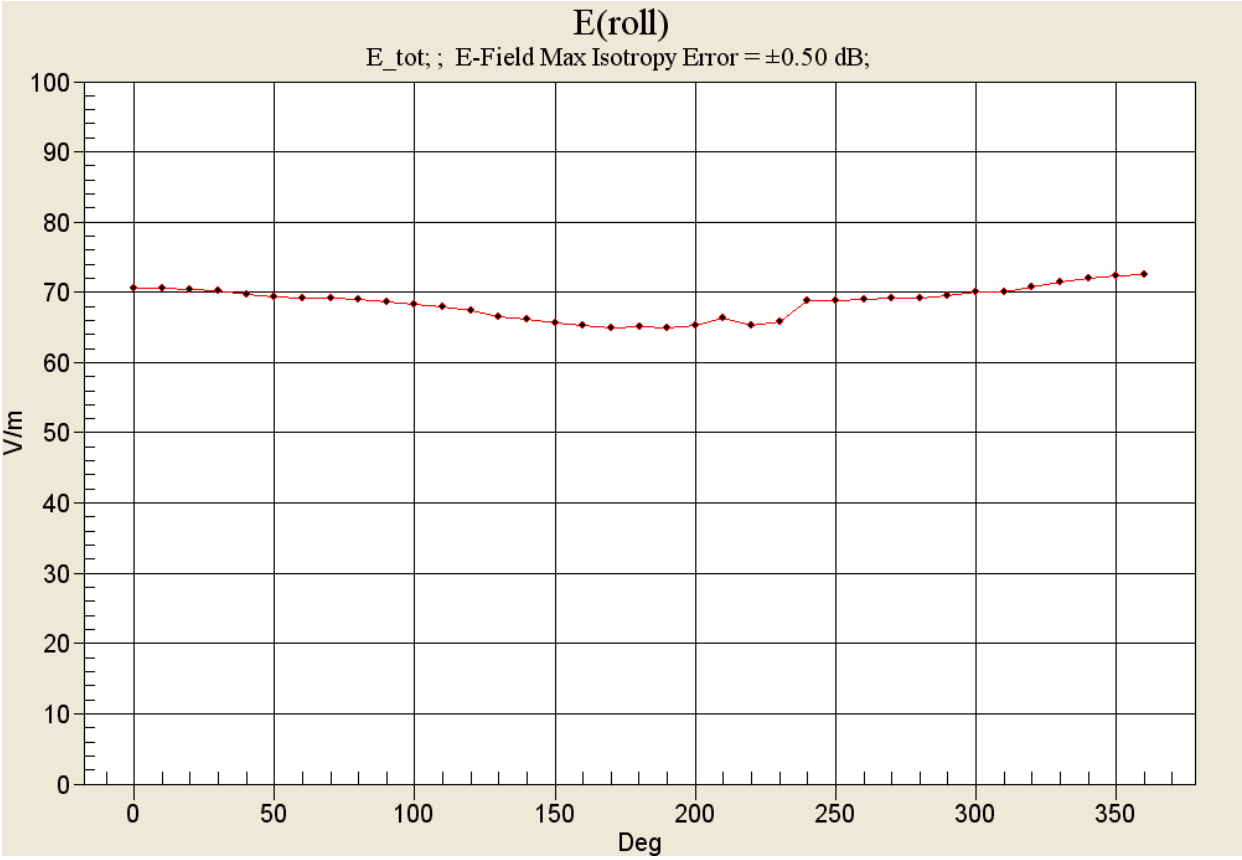
Peak H-field in A/m

Grid 1 **0.132 M4**	Grid 2 **0.094 M4**	Grid 3 **0.064 M4**
Grid 4 **0.127 M4**	Grid 5 **0.092 M4**	Grid 6 **0.062 M4**
Grid 7 **0.132 M4**	Grid 8 **0.092 M4**	Grid 9 **0.059 M4**



0 dB = 70.8V/m

CDMA 835 Channel 777 (360) E roll



PCS

CDMA 1900 Channel 25 Date: 02/22/2013

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: 9/14/2012
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/30/2012
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 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 29.2 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 40.3 V/m; Power Drift = -0.030 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

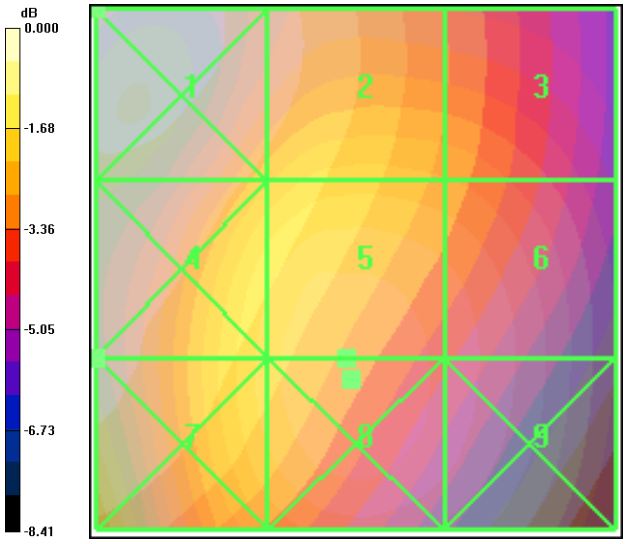
Peak E-field in V/m

Grid 1 **21.0 M4**	Grid 2 **23.5 M4**	Grid 3 **22.9 M4**
Grid 4 **26.7 M4**	Grid 5 **29.2 M4**	Grid 6 **27.0 M4**
Grid 7 **26.7 M4**	Grid 8 **29.3 M4**	Grid 9 **27.1 M4**

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.098 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.084 A/m; Power Drift = -0.129 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.112 M4**	Grid 2 **0.098 M4**	Grid 3 **0.073 M4**
Grid 4 **0.101 M4**	Grid 5 **0.092 M4**	Grid 6 **0.070 M4**
Grid 7 **0.096 M4**	Grid 8 **0.082 M4**	Grid 9 **0.057 M4**



0 dB = 29.3V/m

CDMA 1900 Channel 600 Date: 02/22/2013

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: 9/14/2012
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/30/2012
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 = 26.1 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 29.8 V/m; Power Drift = -0.029 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

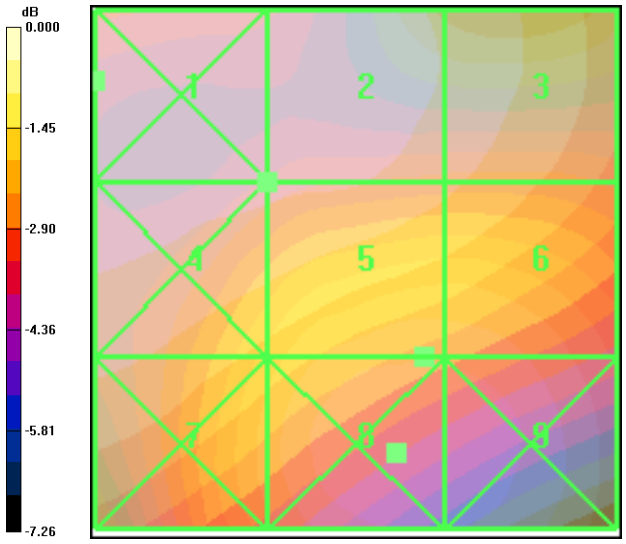
Peak E-field in V/m

Grid 1 **18.1 M4**	Grid 2 **18.1 M4**	Grid 3 **18.2 M4**
Grid 4 **22.7 M4**	Grid 5 **26.1 M4**	Grid 6 **26.0 M4**
Grid 7 **24.1 M4**	Grid 8 **27.7 M4**	Grid 9 **27.4 M4**

PCS_600/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 = 0.166 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.090 M4**	Grid 2 **0.089 M4**	Grid 3 **0.083 M4**
Grid 4 **0.088 M4**	Grid 5 **0.085 M4**	Grid 6 **0.079 M4**
Grid 7 **0.079 M4**	Grid 8 **0.071 M4**	Grid 9 **0.060 M4**



0 dB = 27.7V/m

CDMA 1900 Channel 1175 Date: 02/22/2013

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: 9/14/2012
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/30/2012
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 = 18.3 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 21.5 V/m; Power Drift = -0.198 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

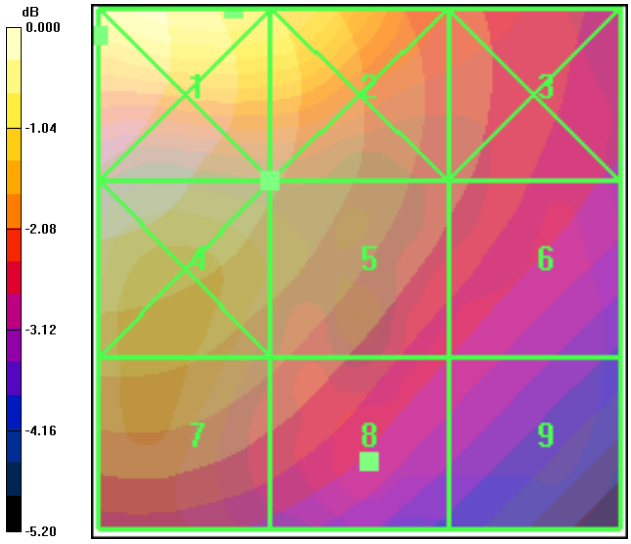
Peak E-field in V/m

Grid 1 **25.3 M4**	Grid 2 **24.8 M4**	Grid 3 **18.5 M4**
Grid 4 **16.5 M4**	Grid 5 **17.9 M4**	Grid 6 **18.2 M4**
Grid 7 **16.7 M4**	Grid 8 **18.3 M4**	Grid 9 **18.2 M4**

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.076 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.071 A/m; Power Drift = -0.106 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.096 M4**	Grid 2 **0.078 M4**	Grid 3 **0.062 M4**
Grid 4 **0.087 M4**	Grid 5 **0.076 M4**	Grid 6 **0.061 M4**
Grid 7 **0.071 M4**	Grid 8 **0.065 M4**	Grid 9 **0.051 M4**



0 dB = 25.3V/m

CDMA 1900 Channel 25 (360) E roll