

Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-20RFC-1112-R0

CELL



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FCC ID:	V65S2150
Report #:	CT-S2150-20RFC-1112-R0

CDMA 835 Channel 1013

Communication System: CDMA_Tri_BC0&10, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ε_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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 = 72.3 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 94.4 V/m; Power Drift = -0.096 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
65.0 M4	67.7 M4	62.7 M4
Grid 4	Grid 5	Grid 6
69.0 M4	72.3 M4	65.7 M4
Grid 7	Grid 8	Grid 9
CO C MA	70 9 M/	64.8 M4

CELL 1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.106 A/m

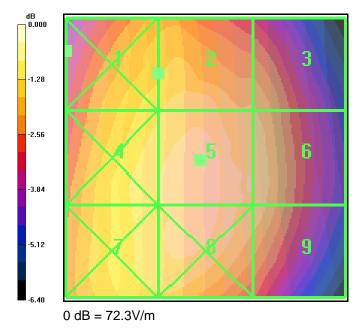
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.090 A/m; Power Drift = -0.021 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.151 M4	0.106 M4	0.069 M4
Grid 4	Grid 5	Grid 6
0.147 M4	0.105 M4	0.071 M4
Grid 7	Grid 8	Grid 9
0.142 M4	0.104 M4	0.072 M4



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CDMA 835 Channel 384

Communication System: CDMA_Tri_BC0&10, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ϵ_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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 = 67.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 85.5 V/m; Power Drift = 0.024 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
58.8 M4	61.9 M4	58.7 M4
Grid 4	Grid 5	Grid 6
64.3 M4	67.6 M4	63.4 M4
Grid 7	Grid 8	Grid 9
64.6 M4	67.7 M4	62.3 M4

CELL 384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.093 A/m

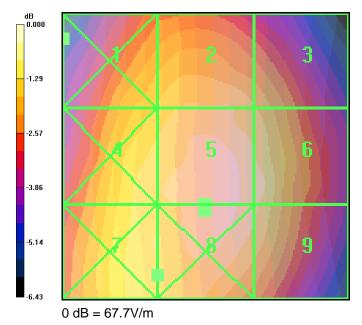
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.079 A/m; Power Drift = -0.061 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.131 M4	0.093 M4	0.061 M4
Grid 4	Grid 5	Grid 6
0.128 M4	0.092 M4	0.061 M4
		Grid 9
0.128 M4	0.093 M4	0.063 M4



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CDMA 835 Channel 777

Communication System: CDMA_Tri_BC0&10, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ϵ_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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 = 77.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 100.4 V/m; Power Drift = -0.098 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
67.2 M4	71.6 M4	67.3 M4
Grid 4	Grid 5	Grid 6
73.9 M4	77.2 M4	73.4 M4
Grid 7	Grid 8	Grid 9
74 0 144	77 2 M/	72.7 M4

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.084 A/m

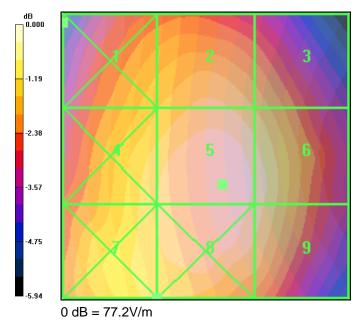
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.067 A/m; Power Drift = -0.084 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.116 M4	0.082 M4	0.057 M4
Grid 4	Grid 5	Grid 6
0.110 M4	0.078 M4	0.054 M4
Grid 7	Grid 8	Grid 9
0.114 M4	0.084 M4	0.060 M4



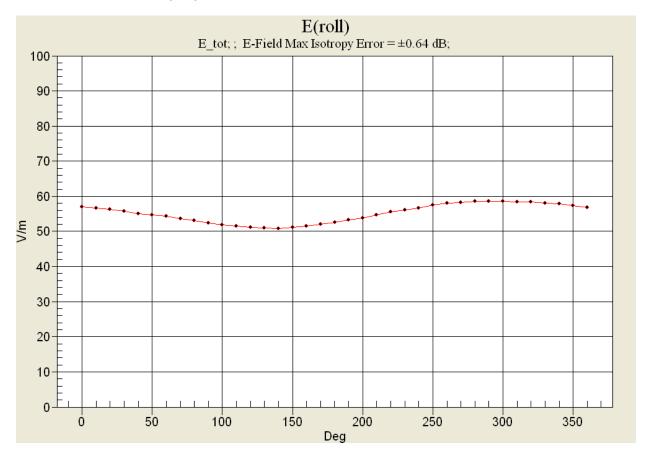
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CDMA 835 Channel 777 (360) E roll





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AWS



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CDMA 1700 Channel 25

Communication System: CDMA_Tri_BC0&10, Frequency: 1711.25 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ϵ_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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

AWS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 14.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 20.2 V/m; Power Drift = 0.110 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
10.4 M4	13.2 M4	13.4 M4
Grid 4	Grid 5	Grid 6
14.0 M4	14.9 M4	14.8 M4
Grid 7		Grid 9

AWS 25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.046 A/m

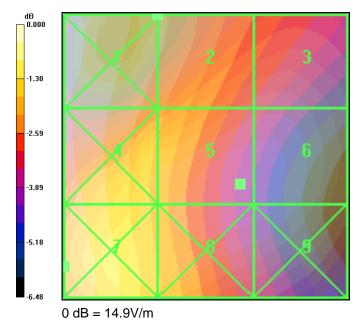
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.037 A/m; Power Drift = 0.069 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.053 M4	0.046 M4	0.035 M4
Grid 4	Grid 5	Grid 6
0.055 M4	0.042 M4	0.030 M4
Grid 7	Grid 8	Grid 9
0.056 M4	0.042 M4	0.029 M4



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CDMA 1700 Channel 450

Communication System: CDMA_Tri_BC0&10, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ϵ_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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

AWS_450/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 17.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 20.8 V/m; Power Drift = -0.135 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
13.3 M4	13.9 M4	14.2 M4
Grid 4	Grid 5	Grid 6
14.0 M4	17 0 M4	17.1 M4
	1710 1111	
Grid 7		Grid 9

AWS_450/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.048 A/m

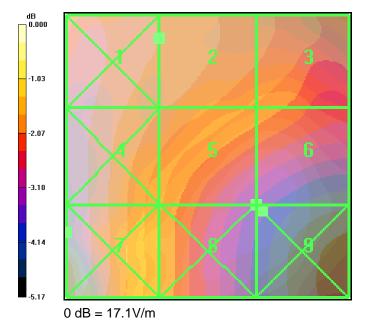
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.040 A/m; Power Drift = -0.137 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.055 M4	0.048 M4	0.043 M4
Grid 4	Grid 5	Grid 6
0.055 M4	0.045 M4	0.039 M4
Grid 7	Grid 8	Grid 9
0.055 M4	0.040 M4	0.028 M4



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CDMA 1700 Channel 875

Communication System: CDMA_Tri_BC0&10, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ϵ_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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 = $22.0 + - 1 \deg C$

AWS_875/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 17.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 22.2 V/m; Power Drift = 0.021 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
10.8 M4	13.0 M4	13.2 M4
Grid 4	Grid 5	Grid 6
14.6 M4	17.1 M4	17.0 M4
Grid 7	Grid 8	Grid 9
15.3 M4	17.3 M4	17.1 M4

AWS_875/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.054 A/m

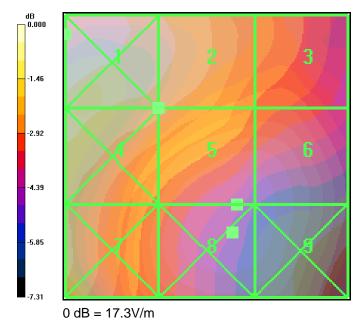
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.045 A/m; Power Drift = 0.102 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.059 M4	0.054 M4	0.046 M4
Grid 4	Grid 5	Grid 6
0.055 M4	0.051 M4	0.042 M4
Grid 7	Grid 8	Grid 9
0.050 M4	0.041 M4	0.032 M4



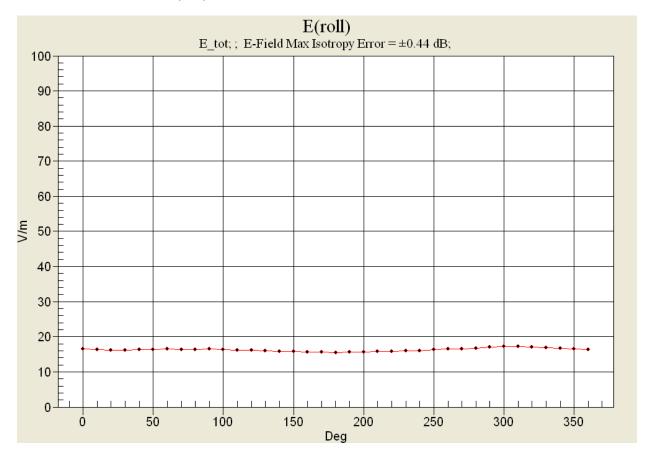
Applicant:	Kyocera	
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CDMA 1700 Channel 875 (360) E roll





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PCS



Applicant:	Kyocera V65S2150	
FCC ID:		
Report #: CT-S2150-20RFC-1112-		

CDMA 1900 Channel 25

Communication System: CDMA_Tri_BC0&10, Frequency: 1850 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ε_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 15.3 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 18.8 V/m; Power Drift = 0.056 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
13.9 M4	13.1 M4	14.2 M4
Grid 4	Grid 5	Grid 6
12 4 114	15.3 M4	440 844
13.4 1414	15.3 1414	14.8 WI4
Grid 7		Grid 9

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.072 A/m

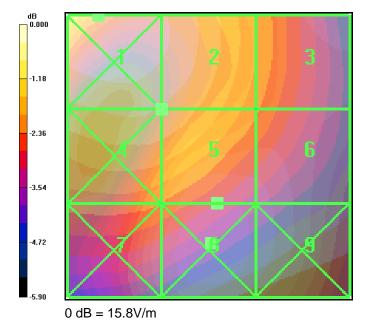
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.061 A/m; Power Drift = -0.002 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.075 M4	0.072 M4	0.059 M4
Grid 4	Grid 5	Grid 6
0.069 M4	0.068 M4	0.057 M4
Grid 7	Grid 8	Grid 9
0.057 M4	0.056 M4	0.047 M4



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CDMA 1900 Channel 600

Communication System: CDMA_Tri_BC0&10, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ε_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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 = 20.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 19.3 V/m; Power Drift = -0.016 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
20.0 M4	17.0 M4	14.2 M4
Grid 4	Grid 5	Grid 6
17.1 M4	19.2 M4	19.2 M4
Grid 7	Grid 8	Grid 9
19.8 M4	20.8 M4	20.3 M4

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.072 A/m

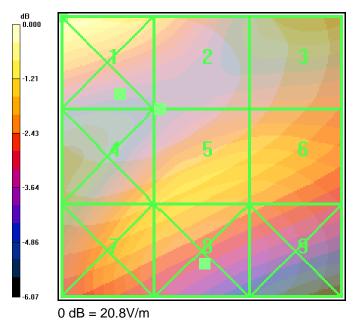
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.069 A/m; Power Drift = -0.079 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.072 M4	0.072 M4	0.066 M4
Grid 4	Grid 5	Grid 6
0.072 M4	0.071 M4	0.065 M4
Grid 7	Grid 8	Grid 9
0.062 M4	0.059 M4	0.050 M4



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CDMA 1900 Channel 1175

Communication System: CDMA_Tri_BC0&10, Frequency: 1910 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ

= 0 mho/m, ε_r = 1; ρ = 1 kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 2/17/2012

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 = 13.4 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 13.8 V/m; Power Drift = -0.079 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 19.4 M4	Grid 2 19.4 M4	
Grid 4 13.3 M4	Grid 5 13.4 M4	
Grid 7 12.9 M4		Grid 9 12.8 M4

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.051 A/m

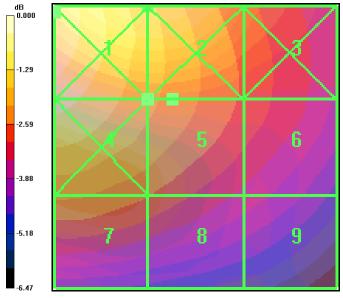
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.051 A/m; Power Drift = -0.004 dB **Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Grid 1	Grid 2	Grid 3
0.065 M4	0.052 M4	0.044 M4
Grid 4	Grid 5	Grid 6
0.059 M4	0.051 M4	0.044 M4
Grid 7	Grid 8	Grid 9
	10 045 554	0.038 M4



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CDMA 1900 Channel 600 (360) E roll

