

Applicant:	Kyocera
FCC ID:	V65SCP-3820
Report #:	CT-3820-20RFC-0610-R0

CDMA 800 Channel 1013

Communication System: CDMA_Triband, 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: 8/14/2009Calibrated:

7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 Measurement SW: DASY4, V4.7 Build 80 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = $21.\tilde{8}$ 1 deg C, Liquid T = $22.\tilde{0}$ 1 deg C

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 83.3 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 108.6 V/m; Power Drift = -0.002 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
76.7 M4	81.1 M4	72.1 M4
Grid 4	Grid 5	Grid 6
81.6 M4	83.3 M4	75.0 M4
Grid 7	Grid 8	Grid 9
79.4 M4	82.8 M4	74.0 M4

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.125 A/m

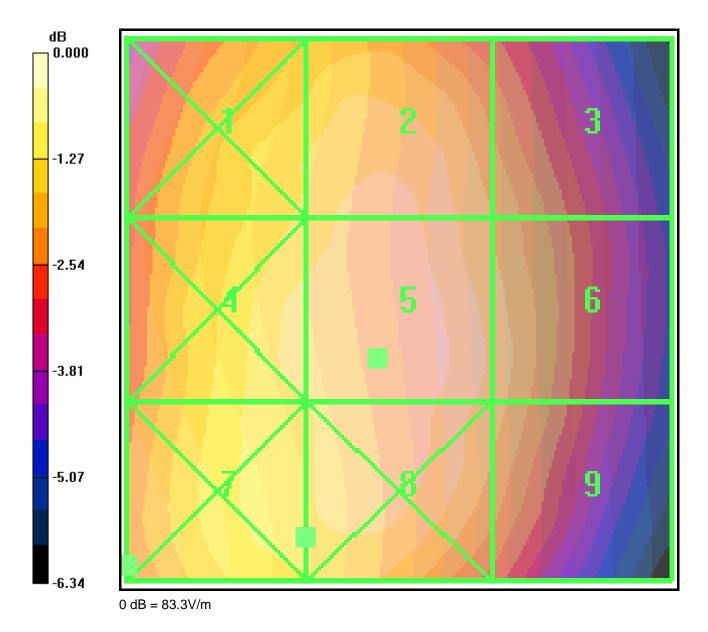
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.101 A/m; Power Drift = -0.062 dB

Grid 1	Grid 2	Grid 3
0.164 M4	0.120 M4	0.079 M4
Grid 4	Grid 5	Grid 6
0.156 M4	0.119 M4	0.080 M4
Grid 7	Grid 8	Grid 9
0.171 M4	0.125 M4	0.081 M4



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CDMA 800 Channel 383

Communication System: CDMA_Triband, Frequency: 836.49 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: 8/14/2009Calibrated:

7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 Measurement SW: DASY4, V4.7 Build 80 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = $21.\tilde{8}$ 1 deg C, Liquid T = $22.\tilde{0}$ 1 deg C

CELL_383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 83.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 108.0 V/m; Power Drift = -0.049 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
77.7 M4	81.2 M4	73.7 M4
Grid 4	Grid 5	Grid 6
80.2 M4	83.2 M4	75.6 M4
Grid 7	Grid 8	Grid 9
79.6 M4	82.4 M4	74.2 M4

CELL_383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.113 A/m

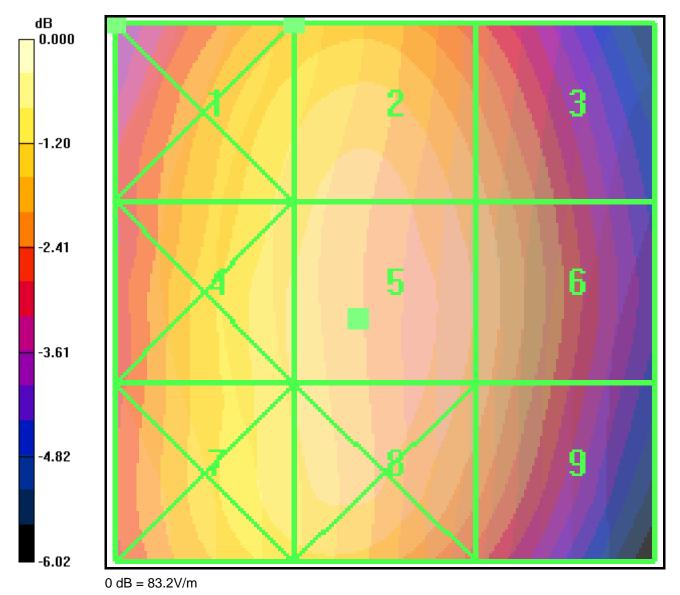
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.088 A/m; Power Drift = 0.014 dB

Grid 1	Grid 2	Grid 3
0.152 M4	0.113 M4	0.071 M4
Grid 4	Grid 5	Grid 6
0.140 M4	0.105 M4	0.068 M4
Grid 7	Grid 8	Grid 9
0.152 M4	0.109 M4	0.066 M4



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CDMA 800 Channel 777

Communication System: CDMA_Triband, 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: 8/14/2009Calibrated:

7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 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 = 72.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 93.4 V/m; Power Drift = -0.012 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
66.7 M4	69.4 M4	63.2 M4
Grid 4	Grid 5	Grid 6
70.6 M4	72.9 M4	66.0 M4
Grid 7	Grid 8	Grid 9
71.3 M4	72.9 M4	65.7 M4

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

Maximum value of peak Total field = 0.120 A/m

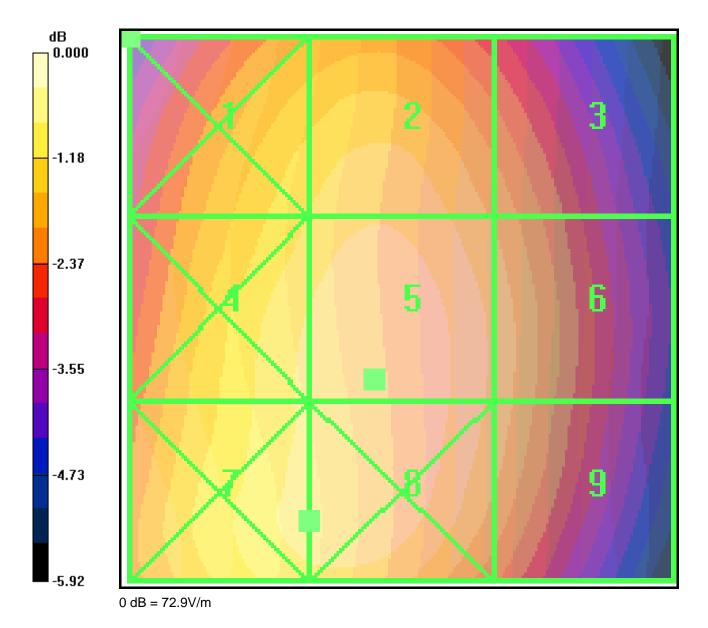
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.098 A/m; Power Drift = 0.144 dB

Grid 1	Grid 2	Grid 3
0.164 M4	0.119 M4	0.076 M4
Grid 4	Grid 5	Grid 6
0.151 M4	0.115 M4	0.075 M4
Grid 7	Grid 8	Grid 9
0.162 M4	0.120 M4	0.074 M4



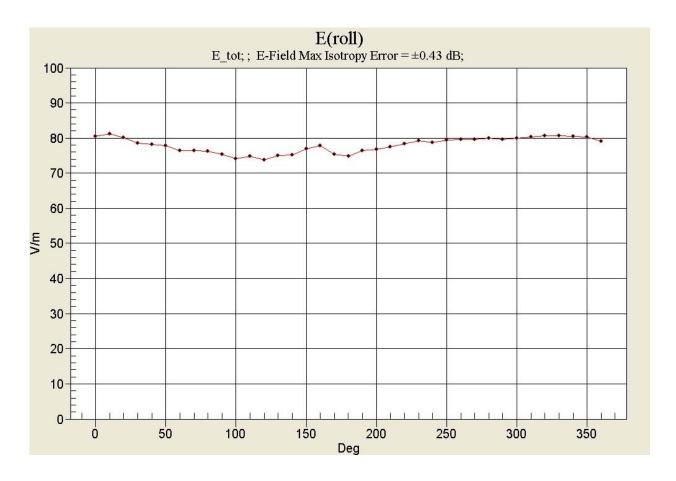
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CDMA 800 Channel 1013 (360) E roll





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CDMA 1900 Channel 25

Communication System: CDMA_Triband, 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: 8/14/2009Calibrated:

7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 Measurement SW: DASY4, V4.7 Build 80 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = $21.\tilde{8}$ 1 deg C, Liquid T = $22.\tilde{0}$ 1 deg C

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

Maximum value of peak Total field = 19.8 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 13.0 V/m; Power Drift = 0.174 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
18.4 M4	18.2 M4	19.1 M4
Grid 4	Grid 5	Grid 6
12.9 M4	15.0 M4	20.3 M4
Grid 7	Grid 8	Grid 9
19.8 M4	19.5 M4	20.6 M4

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

Maximum value of peak Total field = 0.069 A/m

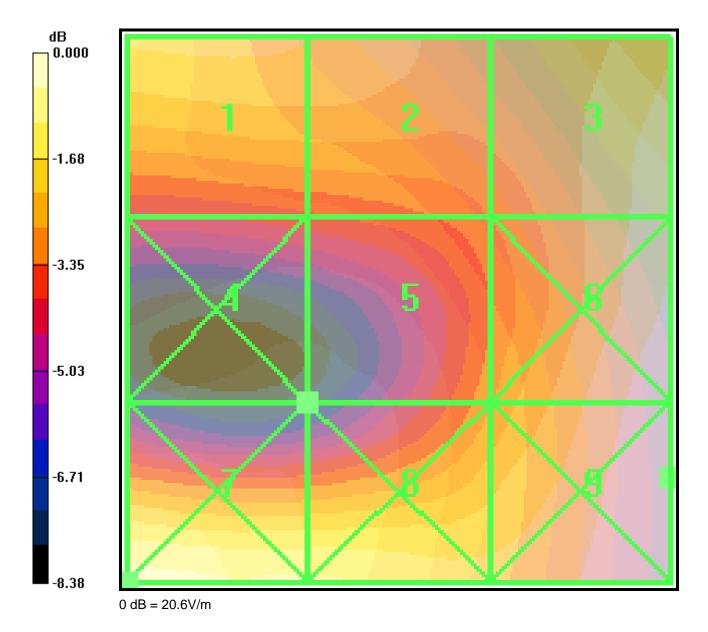
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.075 A/m; Power Drift = -0.162 dB

Grid 1	Grid 2	Grid 3
0.064 M4	0.060 M4	0.051 M4
Grid 4	Grid 5	Grid 6
0.069 M4	0.069 M4	0.059 M4
Grid 7	Grid 8	Grid 9
0.081 M4	0.071 M4	0.059 M4



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CDMA 1900 Channel 600

Communication System: CDMA_Triband, 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: 8/14/2009Calibrated:

7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 Measurement SW: DASY4, V4.7 Build 80 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = $21.\tilde{8}$ 1 deg C, Liquid T = $22.\tilde{0}$ 1 deg C

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

Maximum value of peak Total field = 24.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 12.5 V/m; Power Drift = -0.101 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
25.0 M4	25.0 M4	17.2 M4
Grid 4	Grid 5	Grid 6
16.9 M4	16.9 M4	13.2 M4
Grid 7	Grid 8	Grid 9

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

Maximum value of peak Total field = 0.090 A/m

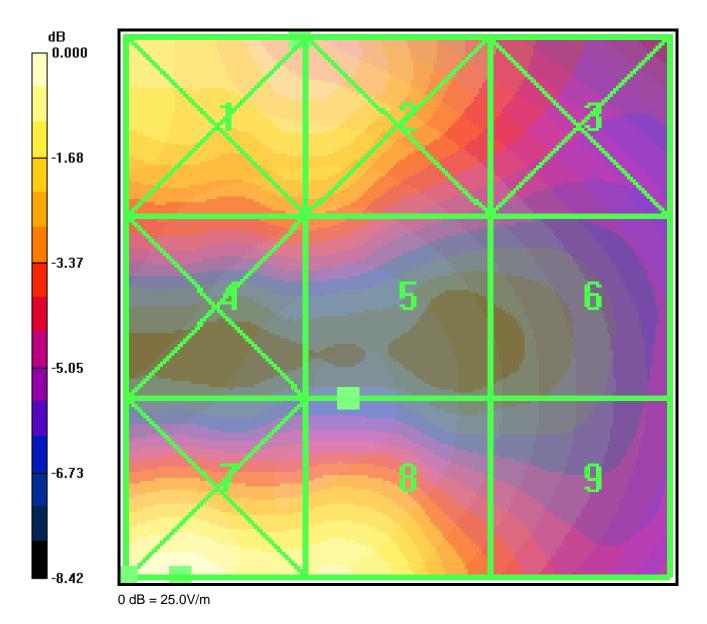
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.103 A/m; Power Drift = 0.058 dB

Grid 1	Grid 2	Grid 3
0.081 M4	0.082 M4	0.074 M4
Grid 4	Grid 5	Grid 6
0.089 M4	0.090 M4	0.082 M4
Grid 7	Grid 8	Grid 9
0.094 M4	0.090 M4	0.082 M4



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CDMA 1900 Channel 1175

Communication System: CDMA_Triband, 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: 8/14/2009Calibrated:

7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 Measurement SW: DASY4, V4.7 Build 80 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = $21.\tilde{8}$ 1 deg C, Liquid T = $22.\tilde{0}$ 1 deg C

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

Maximum value of peak Total field = 17.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 7.87 V/m; Power Drift = -0.079 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
16.4 M4	17.0 M4	16.9 M4
Grid 4	Grid 5	Grid 6
10.9 M4	12.7 M4	17.0 M4
10.9 M4 Grid 7	12.7 M4 Grid 8	17.0 M4 Grid 9

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

Maximum value of peak Total field = 0.097 A/m

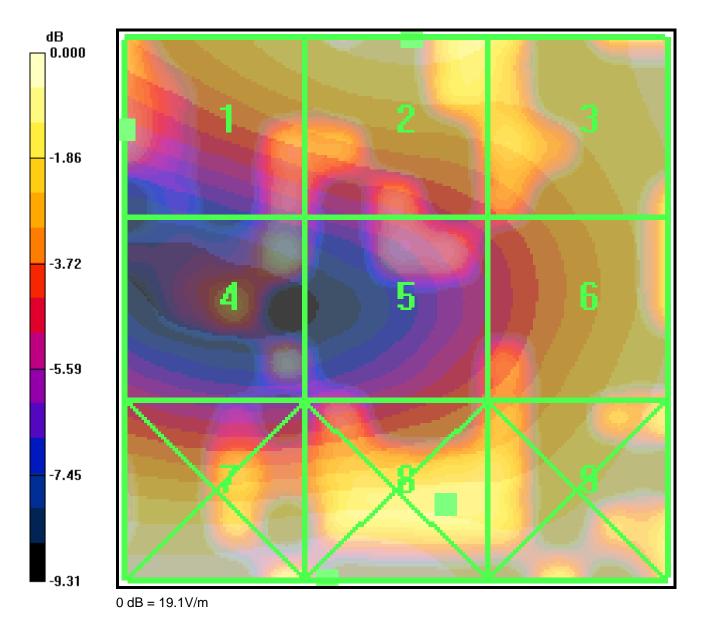
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.082 A/m; Power Drift = -0.130 dB

Grid 1	Grid 2	Grid 3
0.097 M4	0.092 M4	0.084 M4
Grid 4	Grid 5	Grid 6
0.058 M4	0.062 M4	0.039 M4
Grid 7	Grid 8	Grid 9
0.056 M4	0.126 M4	0.095 M4



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CDMA 1900 Channel 600 (360) E roll

