

Applicant:	Kyocera
FCC ID:	V65M6000
Report #:	CT-M6000-20RFC-1209-R0

## M6000, CDMA 800 Channel 1013

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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\_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 85.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 108.3 V/m; Power Drift = 0.048 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
76.3 M4	81.1 M4	76.8 M4
Grid 4	Grid 5	Grid 6
	05 0 844	04 5 5 4
79.6 M4	85.2 W4	81.5 M4
79.6 M4 Grid 7	<b>85.2 M4</b> Grid 8	81.5 M4 Grid 9

## CELL\_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.153 A/m

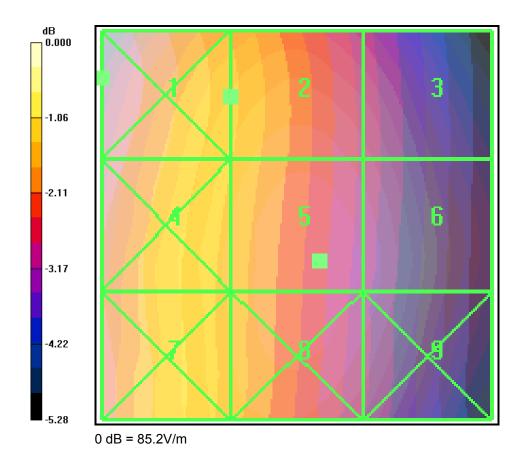
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.126 A/m; Power Drift = -0.011 dB

Grid 1	Grid 2	Grid 3
0.208 M4	0.153 M4	0.096 M4
Grid 4	Grid 5	Grid 6
0.200 M4	0.150 M4	0.096 M4
Grid 7	Grid 8	Grid 9
0.198 M4	0.144 M4	0.093 M4



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### M6000, CDMA 800 Channel 383

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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\_383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 78.5 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 100.6 V/m; Power Drift = 0.006 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
71.2 M4	75.5 M4	72.2 M4
Grid 4	Grid 5	Grid 6
74.9 <b>M</b> 4	78.5 M4	75.4 M4
74.9 M4 Grid 7	<b>78.5 M4</b> Grid 8	<b>75.4 M4</b> Grid 9

CELL 383/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.137 A/m

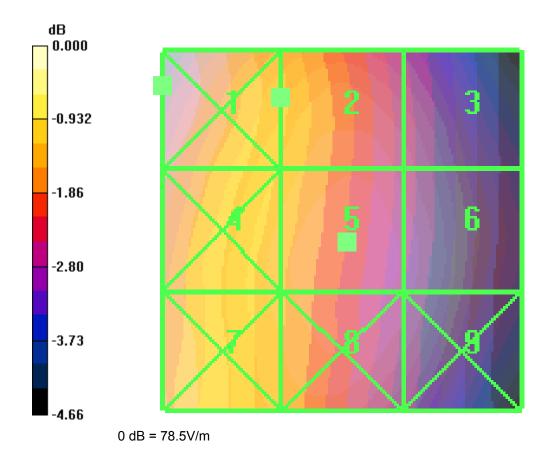
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.119 A/m; Power Drift = 0.133 dB

Grid 1	Grid 2	Grid 3
0.181 M4	0.137 M4	0.090 M4
Grid 4	Grid 5	Grid 6
0.170 M4	0.133 M4	0.090 M4
Grid 7	Grid 8	Grid 9
0.170 M4	0.126 M4	0.087 M4



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### M6000, CDMA 800 Channel 777

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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 = 70.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 89.1 V/m; Power Drift = 0.007 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
63.3 M4	65.8 M4	60.5 M4
Grid 4	Grid 5	Grid 6
67.6 M4	70.0 M4	63.8 M4
Grid 7	Grid 8	Grid 9
67.6 M4	69.7 M4	63.4 M4

## CELL\_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.103 A/m

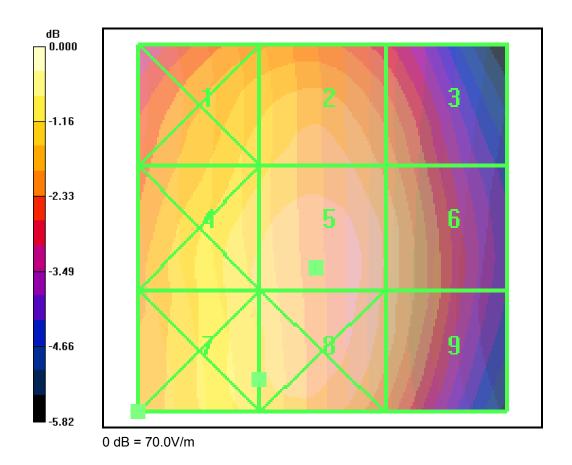
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.084 A/m; Power Drift = -0.019 dB

Grid 1	Grid 2	Grid 3
0.138 M4	0.097 M4	0.061 M4
Grid 4	Grid 5	Grid 6
0.139 M4	0.099 M4	0.061 M4
Grid 7	Grid 8	Grid 9
0.148 M4	0.103 M4	0.061 M4



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## M6000, CDMA 800Channel 1013 (360Degrees)

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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\_1013 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm,

dy=5mm

Maximum value of peak Total field = 84.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 104.3 V/m; Power Drift = -0.159 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
75.2 M4	80.0 M4	76.3 M4
Grid 4	Grid 5	Grid 6
79.1 M4	84.0 M4	80.6 M4
0 11 7	Out of O	0 11 1
Grid 7	Grid 8	Grid 9

# CELL\_1013 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm,

dv=5mm

Maximum value of peak Total field = 0.155 A/m

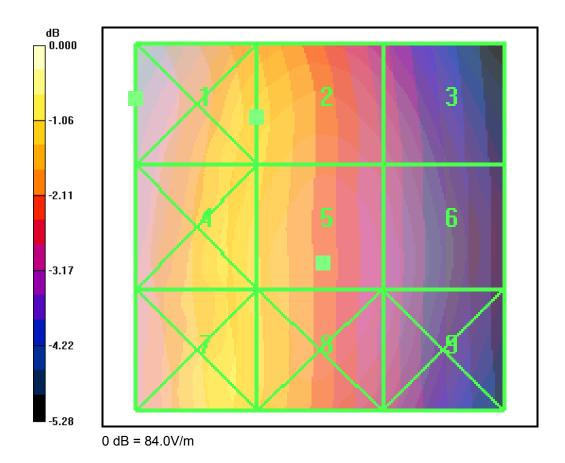
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.133 A/m; Power Drift = -0.110 dB

Grid 1	Grid 2	Grid 3
0.208 M4	0.155 M4	0.099 M4
Grid 4	Grid 5	Grid 6
0.202 M4	0.152 M4	0.099 M4
Grid 7	Grid 8	Grid 9
0.208 M4	0.153 M4	0.099 M4



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## M6000, CDMA 1700 Channel 25

Date: 12/2/2009

Communication System: CDMA\_Triband, Frequency: 1711.25 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\varepsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

AWS\_25/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 = 36.0 V/m; Power Drift = 0.055 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.6 M4	23.3 M4	23.5 M4
Grid 4	Grid 5	Grid 6
33.2 M4	40.3 M4	39.5 M4
Grid 7	Grid 8	Grid 9
45.9 M4	49.8 M4	46.8 M4

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

Maximum value of peak Total field = 0.104 A/m

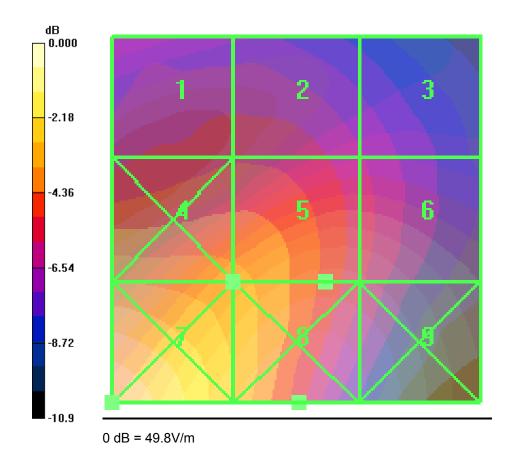
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.105 A/m; Power Drift = -0.009 dB

Grid 1	Grid 2	Grid 3
0.088 M4	0.088 M4	0.079 M4
Grid 4	Grid 5	Grid 6
0.110 M4	0.104 M4	0.081 M4
Grid 7	Grid 8	Grid 9
0.143 M4	0.109 M4	0.079 M4



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## M6000, CDMA 1700 Channel 450

Date: 12/2/2009

Communication System: CDMA\_Triband, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\varepsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

AWS\_450/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 45.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 40.4 V/m; Power Drift = 0.038 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
25.1 M4	27.5 M4	28.2 M4
Grid 4	Grid 5	Grid 6
35.0 M4	45.1 M4	44.5 M4
Grid 7	Grid 8	Grid 9
48.8 M4	53.0 M4	50.0 M4

AWS 450/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.113 A/m

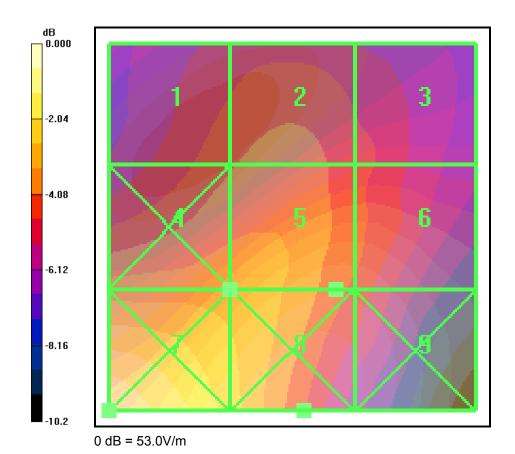
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.126 A/m; Power Drift = -0.091 dB

Grid 1	Grid 2	Grid 3
0.100 M4	0.104 M4	0.097 M4
Grid 4	Grid 5	Grid 6
0.113 M4	0.113 M4	0.097 M4
Grid 7	Grid 8	Grid 9
0.155 M4	0.121 M4	0.092 M4



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## M6000, CDMA 1700 Channel 875

Date: 12/2/2009

Communication System: CDMA\_Triband, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\varepsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

## AWS\_875/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 43.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 40.6 V/m; Power Drift = 0.156 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
25.0 M4	26.7 M4	26.9 M4
Grid 4	Grid 5	Grid 6
37.3 M4	43.6 M4	43.0 M4
Grid 7	Grid 8	Grid 9

## AWS\_875/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.115 A/m

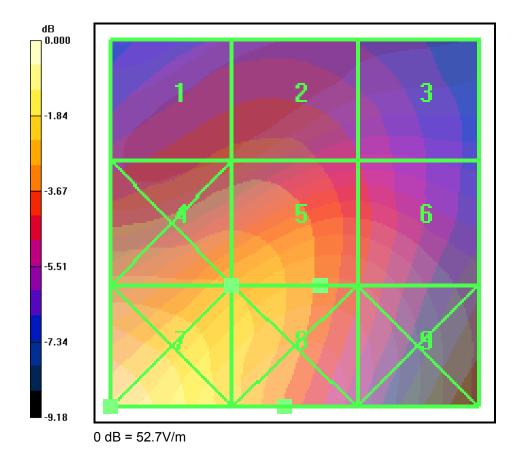
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.112 A/m; Power Drift = 0.118 dB

Grid 1	Grid 2	Grid 3
0.096 M4	0.097 M4	0.088 M4
Grid 4	Grid 5	Grid 6
0.118 M4	0.115 M4	0.091 M4
Grid 7	Grid 8	Grid 9
0.152 M4	0.119 M4	0.089 M4



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## M6000, CDMA 1700 Channel 450 (360 Degrees)

Date: 12/2/2009

Communication System: CDMA\_Triband, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\varepsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

## AWS\_450 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm,

dy=5mm

Maximum value of peak Total field = 43.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 39.0 V/m; Power Drift = 0.195 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.9 M4	27.6 M4	28.4 M4
Grid 4	Grid 5	Grid 6
33.8 M4	43.9 M4	43.6 M4
Grid 7	Grid 8	Grid 9
Ona i		

# AWS\_450 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.116 A/m

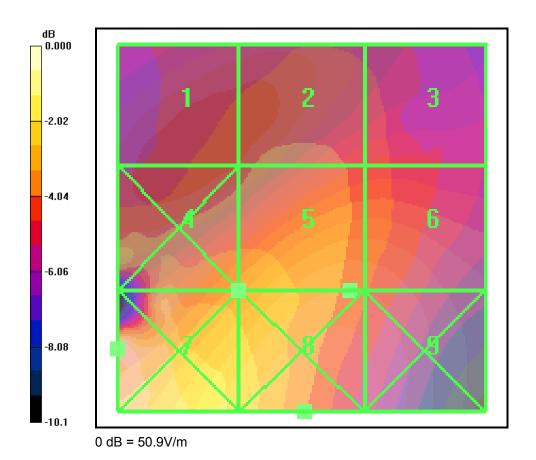
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.125 A/m; Power Drift = 0.044 dB

Grid 1	Grid 2	Grid 3
0.098 M4	0.104 M4	0.099 M4
Grid 4	Grid 5	Grid 6
0.123 M4	0.116 M4	0.099 M4
Grid 7	Grid 8	Grid 9
0.167 M4	0.126 M4	0.094 M4



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### M6000, CDMA 1900 Channel 25

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

## PCS\_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 38.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 36.5 V/m; Power Drift = -0.149 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
20.9 M4	24.3 M4	24.5 M4
Grid 4	Grid 5	Grid 6
27.9 M4	38.2 M4	37.6 M4
Grid 7	Grid 8	Grid 9
38.5 M4	44.4 M4	42.2 M4

## PCS\_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.122 A/m

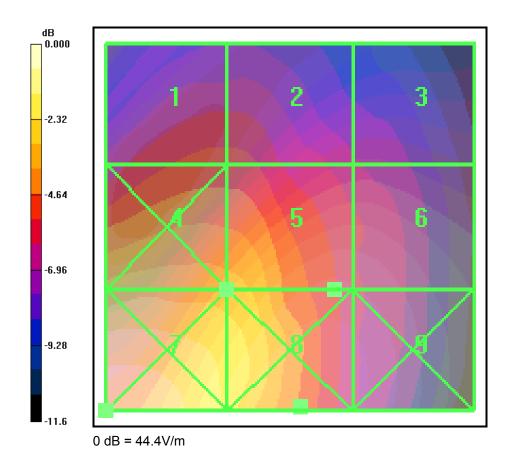
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.116 A/m; Power Drift = 0.047 dB

Grid 1	Grid 2	Grid 3
0.100 M4	0.100 M4	0.081 M4
Grid 4	Grid 5	Grid 6
0.124 M4	0.122 M4	0.087 M4
Grid 7	Grid 8	Grid 9
0.154 M4	0.133 M4	0.088 M4



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## M6000, CDMA 1900 Channel 600

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

## PCS\_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 44.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 41.1 V/m; Power Drift = -0.117 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
24.2 M4	26.7 M4	27.1 M4
Grid 4	Grid 5	Grid 6
32.6 M4	44.9 M4	44.5 M4
32.0 W4	44.3 1414	44.J WI4
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 = 0.140 A/m

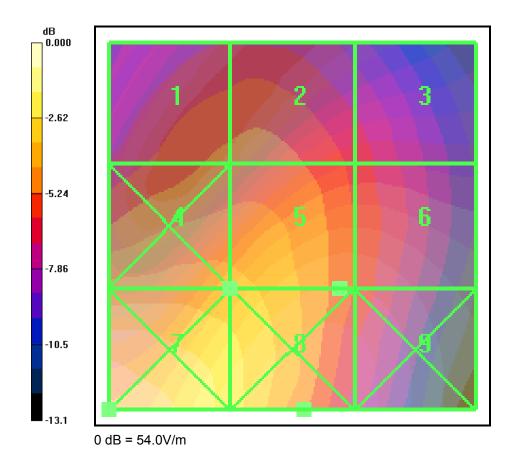
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.139 A/m; Power Drift = 0.071 dB

Grid 1	Grid 2	Grid 3
0.123 M4	0.124 M4	0.110 M4
Grid 4	Grid 5	Grid 6
0.143 M4	0.140 M4	0.113 M4
Grid 7	Grid 8	Grid 9
0.178 M4	0.152 M4	0.112 M4



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#### M6000, CDMA 1900 Channel 1175

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

## PCS\_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 33.8 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 = 0.017 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
18.1 <b>M</b> 4	21.9 M4	22.0 M4
Grid 4	Grid 5	Grid 6
25.3 M4	33.8 M4	33.7 M4
25.3 M4 Grid 7	<b>33.8 M4</b> Grid 8	<b>33.7 M4</b> Grid 9

#### PCS 1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.087 A/m

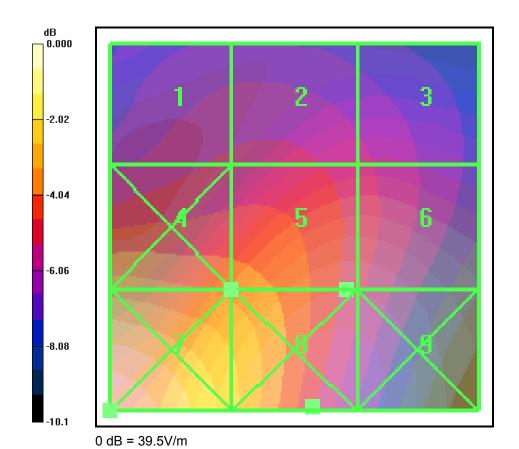
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 0.088 A/m; Power Drift = -0.126 dB

Grid 1	Grid 2	Grid 3
0.075 M4	0.075 M4	0.070 M4
Grid 4	Grid 5	Grid 6
0.092 M4	0.087 M4	0.072 M4
Grid 7	Grid 8	Grid 9



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## M6000, CDMA 1900 Channel 600 (360 Degrees)

Date: 12/2/2009

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/m<sup>3</sup> Medium parameters used:  $\sigma$ 

= 0 mho/m,  $\varepsilon_r$  = 1;  $\rho$  = 1 kg/m<sup>3</sup>

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 Sn530, Calibrated: 3/12/2009 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

## PCS\_600 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm,

dy=5mm

Maximum value of peak Total field = 43.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm Reference Value = 37.7 V/m; Power Drift = -0.226 dB

#### Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.5 M4	26.1 M4	25.1 M4
Grid 4	Grid 5	Grid 6
32.9 M4	43.2 M4	42.4 M4
Grid 7	Grid 8	Grid 9
47.3 M4	53.7 M4	49.6 M4

## PCS\_600 (360 degree)/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm,

dv=5mm

Maximum value of peak Total field = 0.140 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 = -0.133 dB

Grid 1	Grid 2	Grid 3
0.124 M4	0.124 M4	0.108 M4
Grid 4	Grid 5	Grid 6
0.144 M4	0.140 M4	0.112 M4
Grid 7	Grid 8	Grid 9
0.178 M4	0.150 M4	0.112 M4



Applicant:	Kyocera
FCC ID:	V65M6000
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