



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

CELL-BC0

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 1013, Closed

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT Face Down Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.912 mW/g

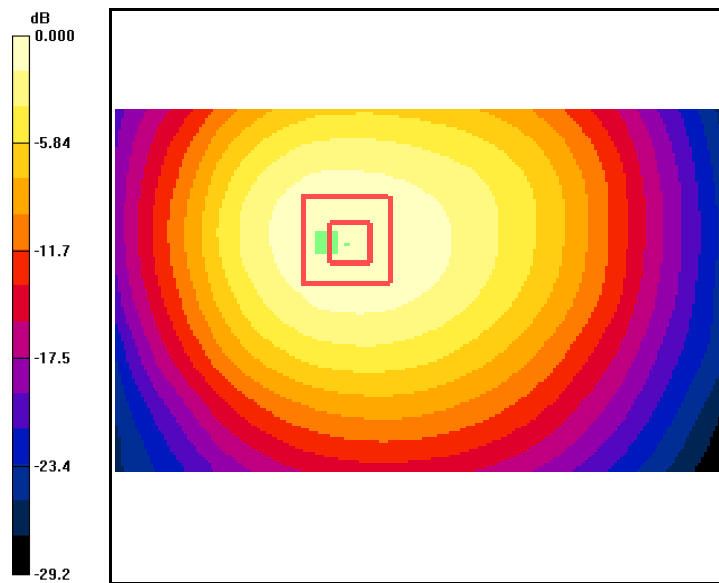
CDMA-800 FLAT Face Down Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (measured) = 0.907 mW/g

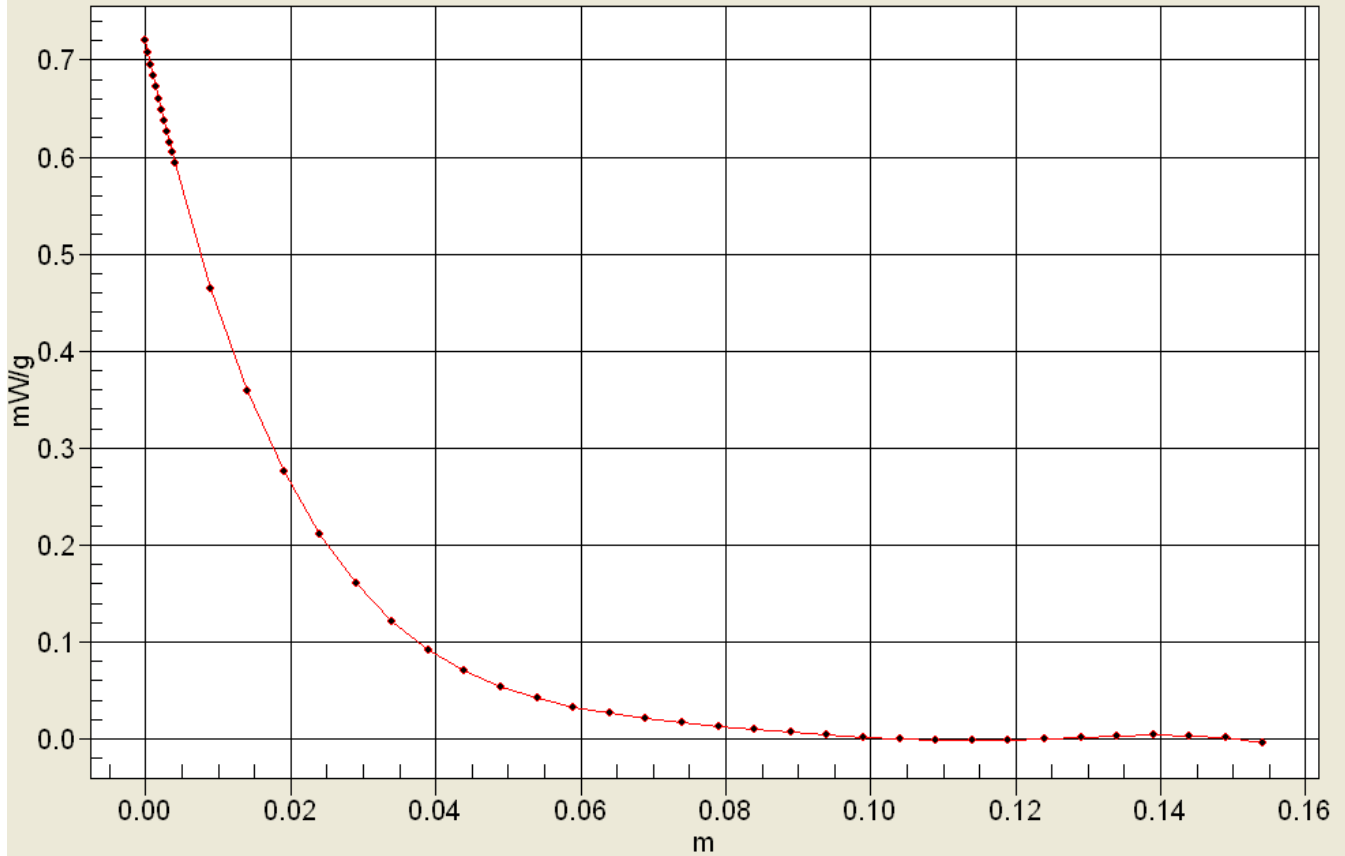




Applicant	Kyocera
FCC ID:	V65S2151
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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 384, Closed

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT - Face Down Ch384/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.31 mW/g

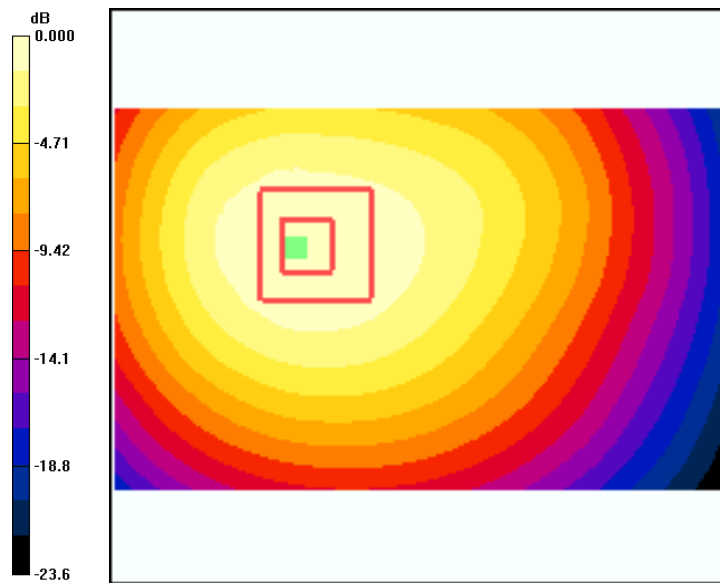
CDMA-800 FLAT - Face Down Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.9 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.854 mW/g

Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.31mW/g

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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 777, Closed

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT Face Down Ch777/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.30 mW/g

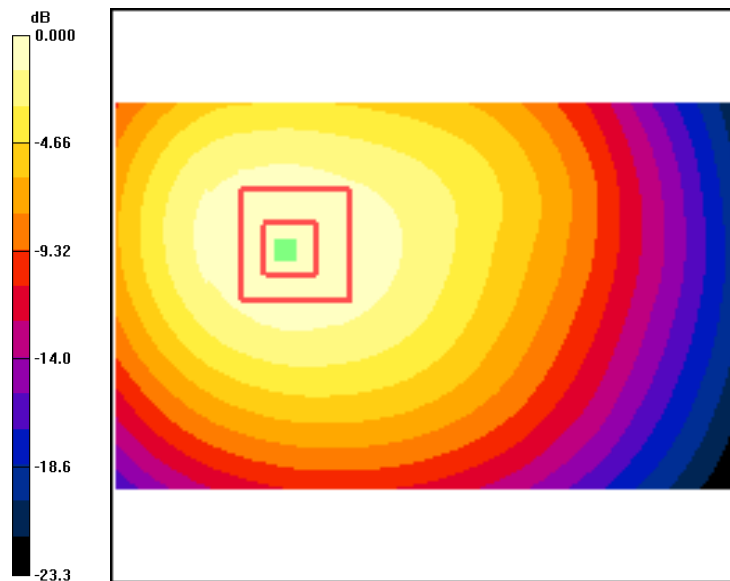
CDMA-800 FLAT Face Down Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.4 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.845 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.30mW/g

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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Up Ch. 1013, Closed

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 °C ± 1 deg C, Liquid T = 22.0 °C ± 1 deg C

CDMA-800 FLAT - Face Up Ch1013/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.374 mW/g

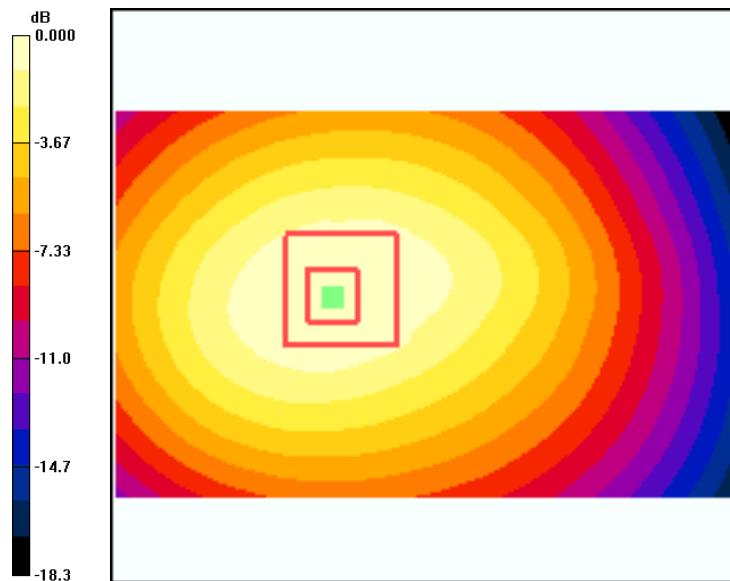
CDMA-800 FLAT - Face Up Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.380 mW/g



0 dB = 0.374mW/g

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FCC ID:	V65S2151
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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 1013, Open

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 °C ± 1 deg C, Liquid T = 22.0 °C ± 1 deg C

CDMA-800 FLAT Face Down Ch1013/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.926 mW/g

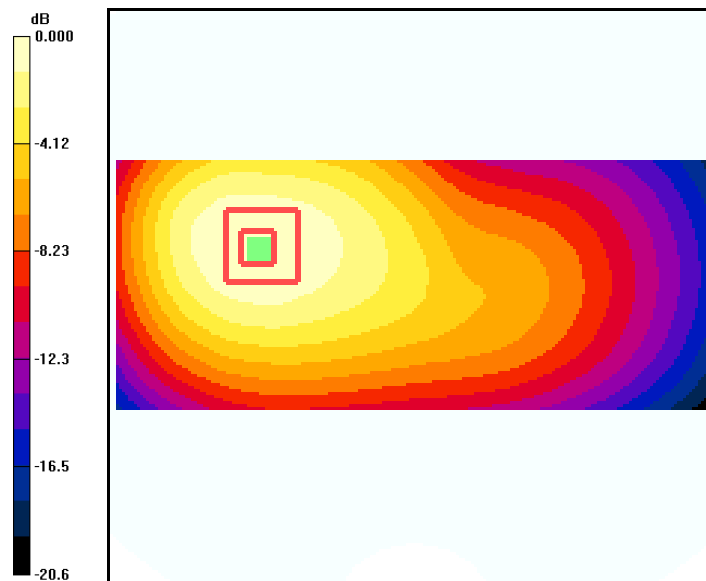
CDMA-800 FLAT Face Down Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.624 mW/g

Maximum value of SAR (measured) = 0.925 mW/g



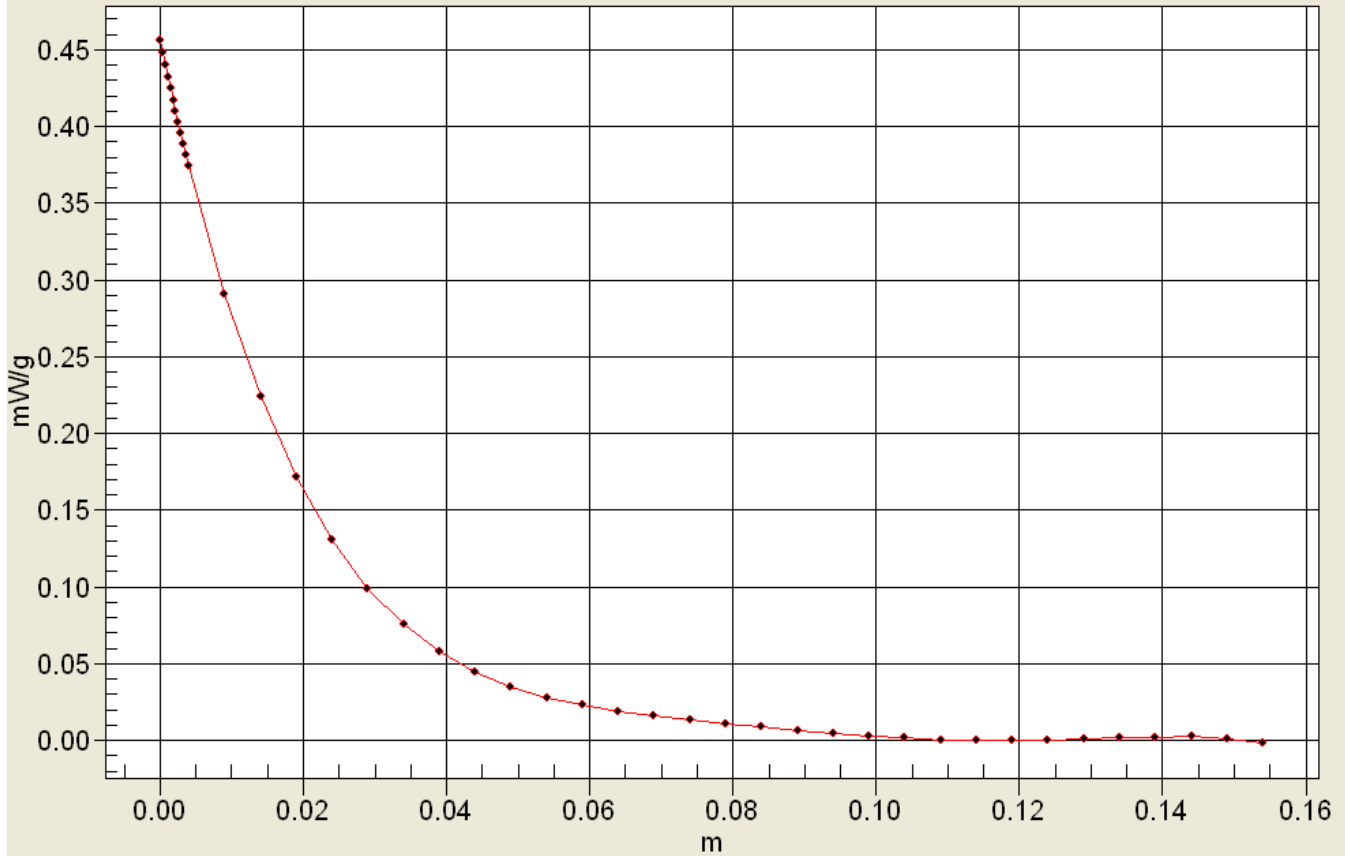
0 dB = 0.926mW/g



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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 384, Open

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT - Face Down Ch384/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.985 mW/g

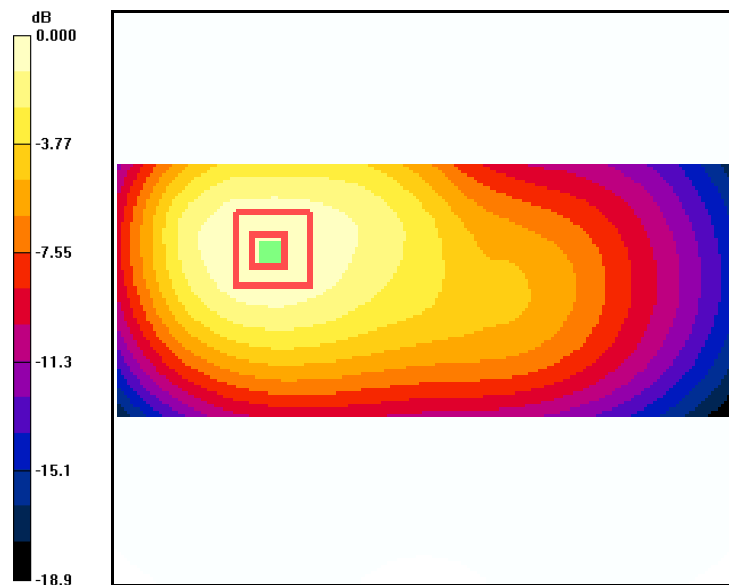
CDMA-800 FLAT - Face Down Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.669 mW/g

Maximum value of SAR (measured) = 0.986 mW/g



0 dB = 0.985mW/g

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Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 777, Open

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT Face Down Ch777/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.836 mW/g

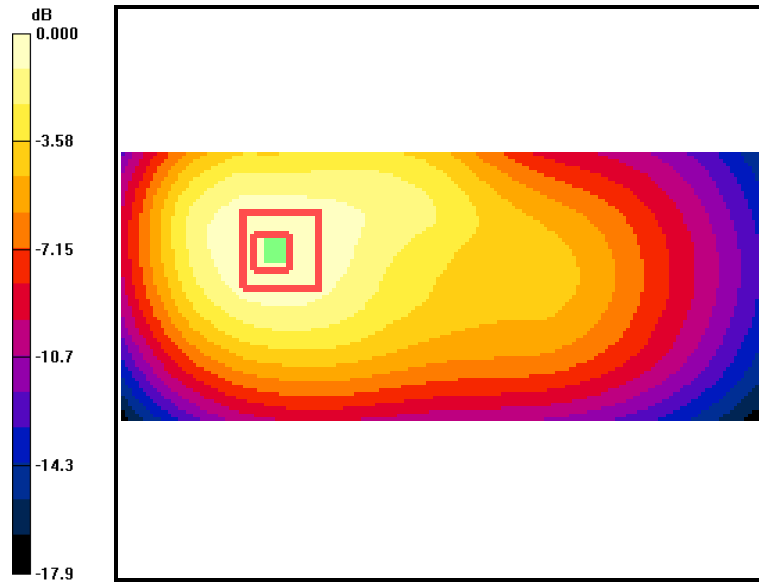
CDMA-800 FLAT Face Down Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 0.826 mW/g



0 dB = 0.836mW/g



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CELL-BC10

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 476, Closed

Communication System: Cell BC-10 , Frequency: 817.9 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): f = 817.9 MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT Face Down Ch476/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.35 mW/g

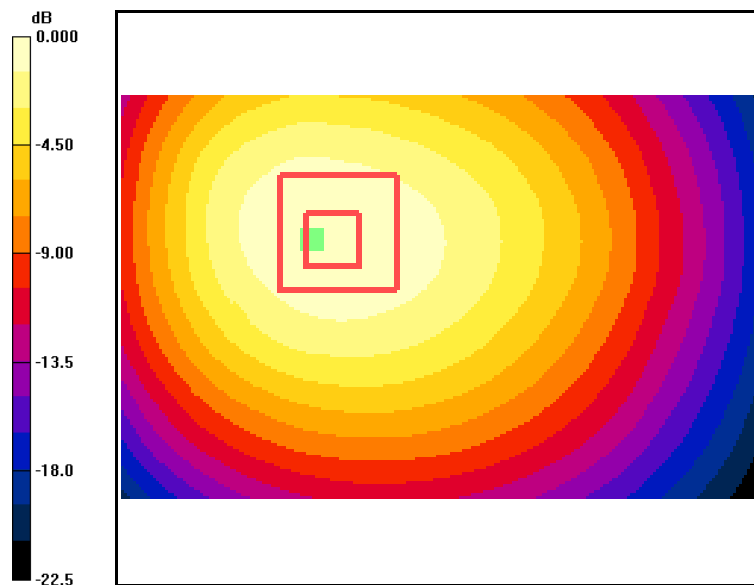
CDMA-800 FLAT Face Down Ch476/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.0 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.872 mW/g

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.35mW/g

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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 580, Closed

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT - Face Down Ch580/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.43 mW/g

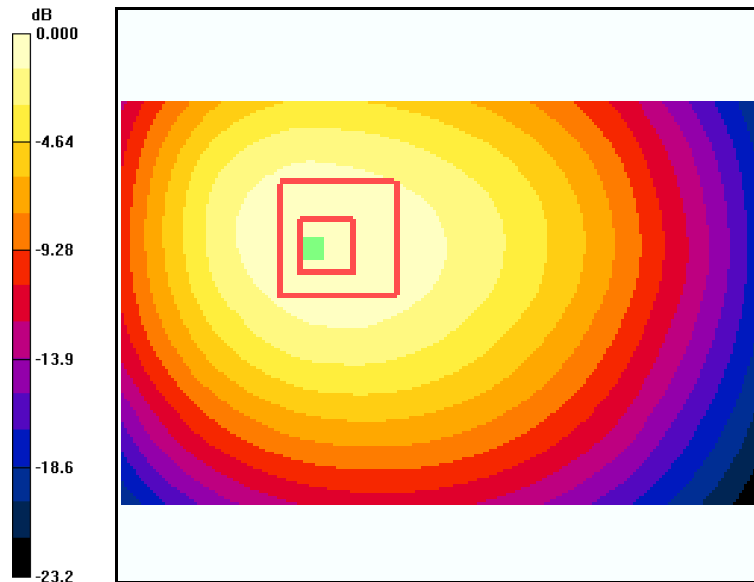
CDMA-800 FLAT - Face Down Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.8 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.926 mW/g

Maximum value of SAR (measured) = 1.42 mW/g

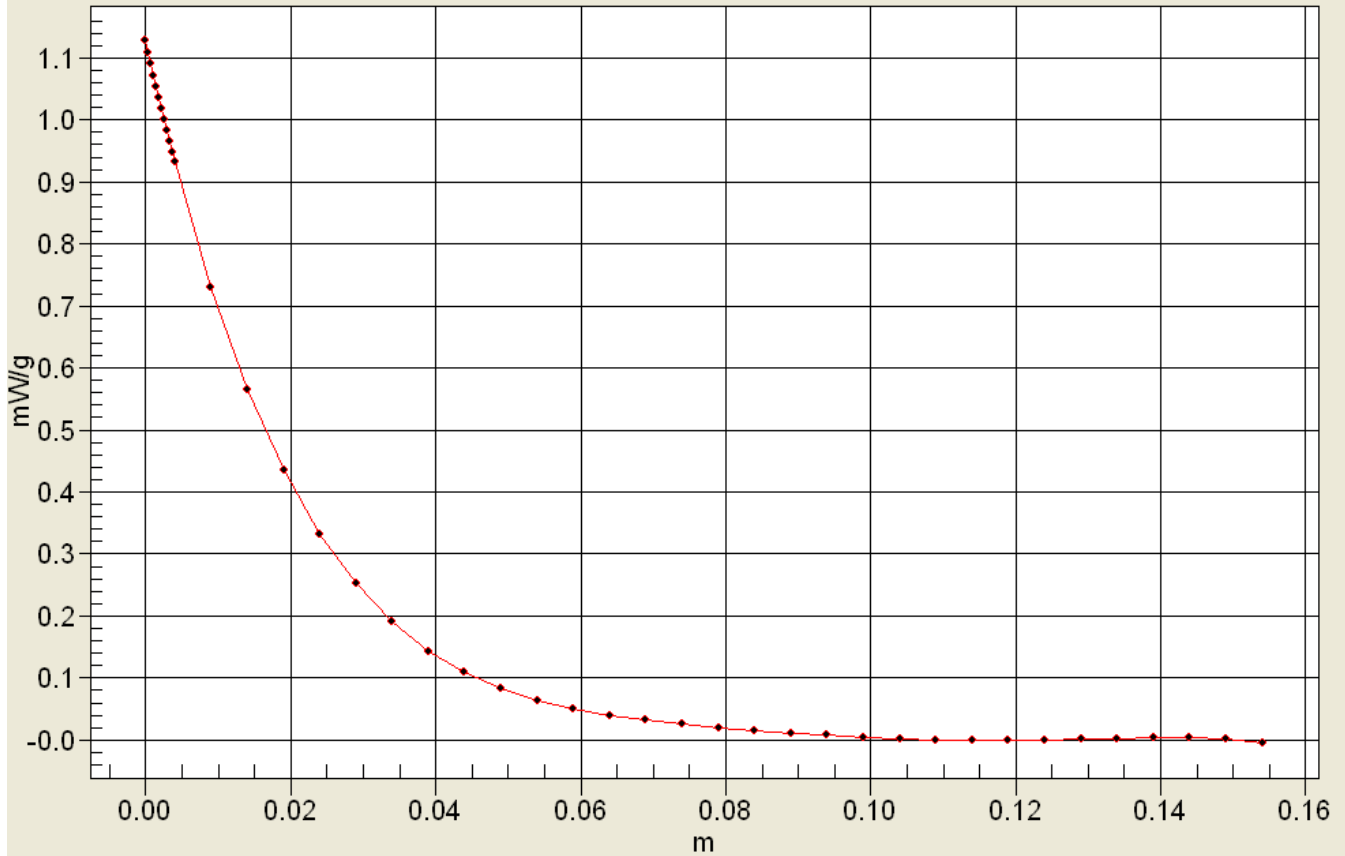


0 dB = 1.43mW/g



Applicant	Kyocera
FCC ID:	V65S2151
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Interpolated SAR(x,y,z,f0)
SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant	Kyocera
FCC ID:	V65S2151
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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 684, Closed

Communication System: Cell BC-10 , Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT Face Down Ch684/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

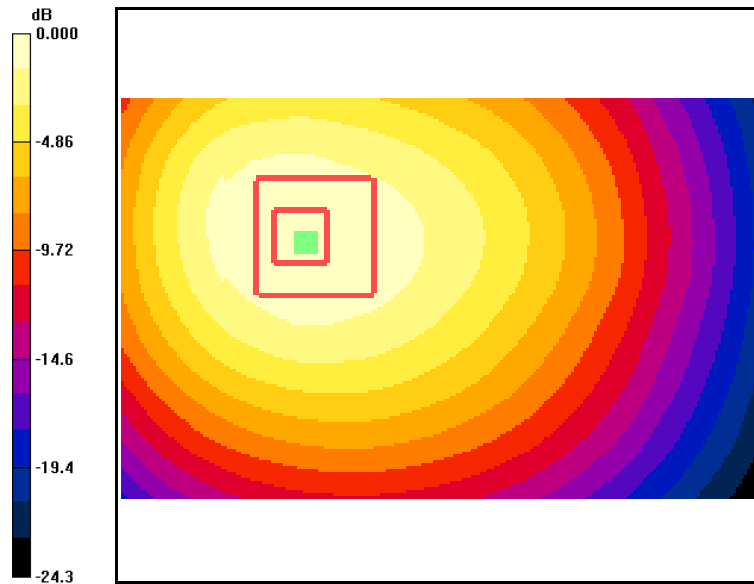
CDMA-800 FLAT Face Down Ch684/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.0 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.864 mW/g

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.34mW/g

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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Up Ch. 580, Closed

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT - Face Up Ch580/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.420 mW/g

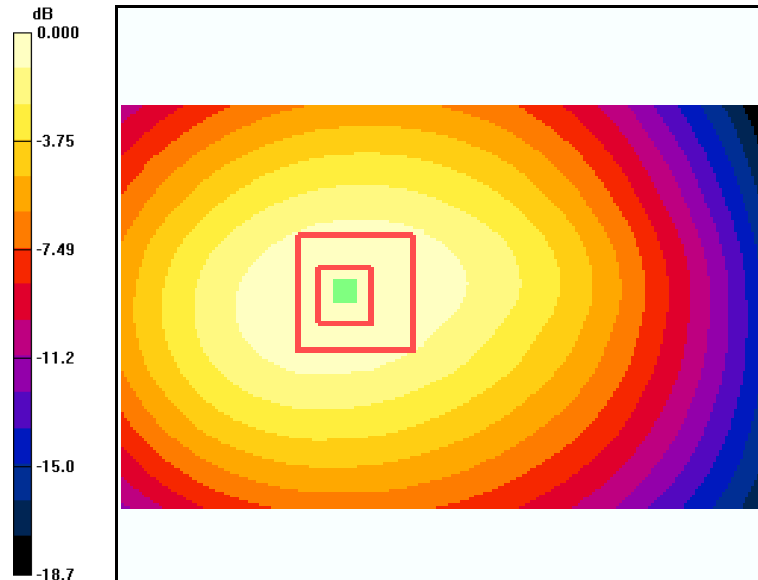
CDMA-800 FLAT - Face Up Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.420mW/g

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Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 476, Open

Communication System: Cell BC-10 , Frequency: 817.9 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 817.9$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT Face Down Ch476/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.907 mW/g

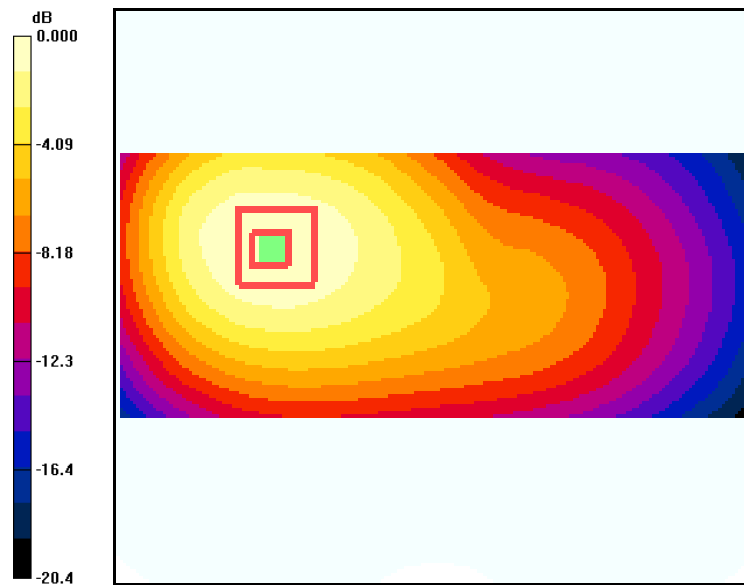
CDMA-800 FLAT Face Down Ch476/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.617 mW/g

Maximum value of SAR (measured) = 0.917 mW/g



0 dB = 0.907mW/g

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Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 580, Open

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT - Face Down Ch580/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 mW/g

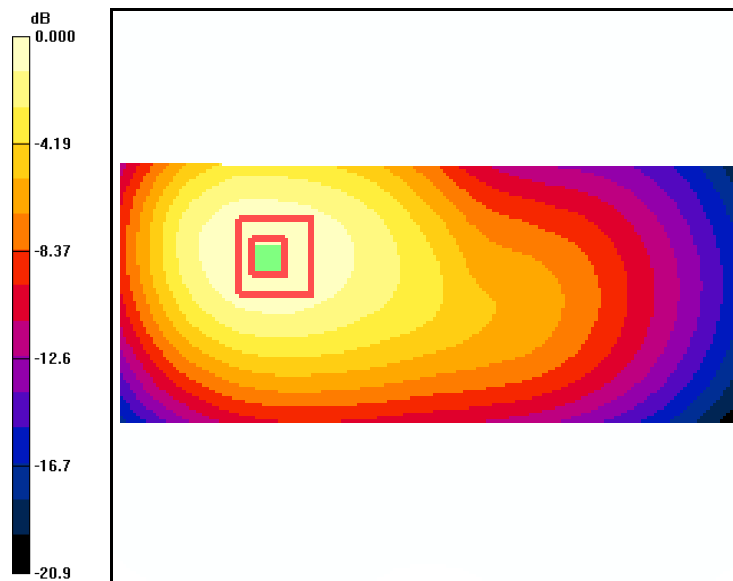
CDMA-800 FLAT - Face Down Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.711 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



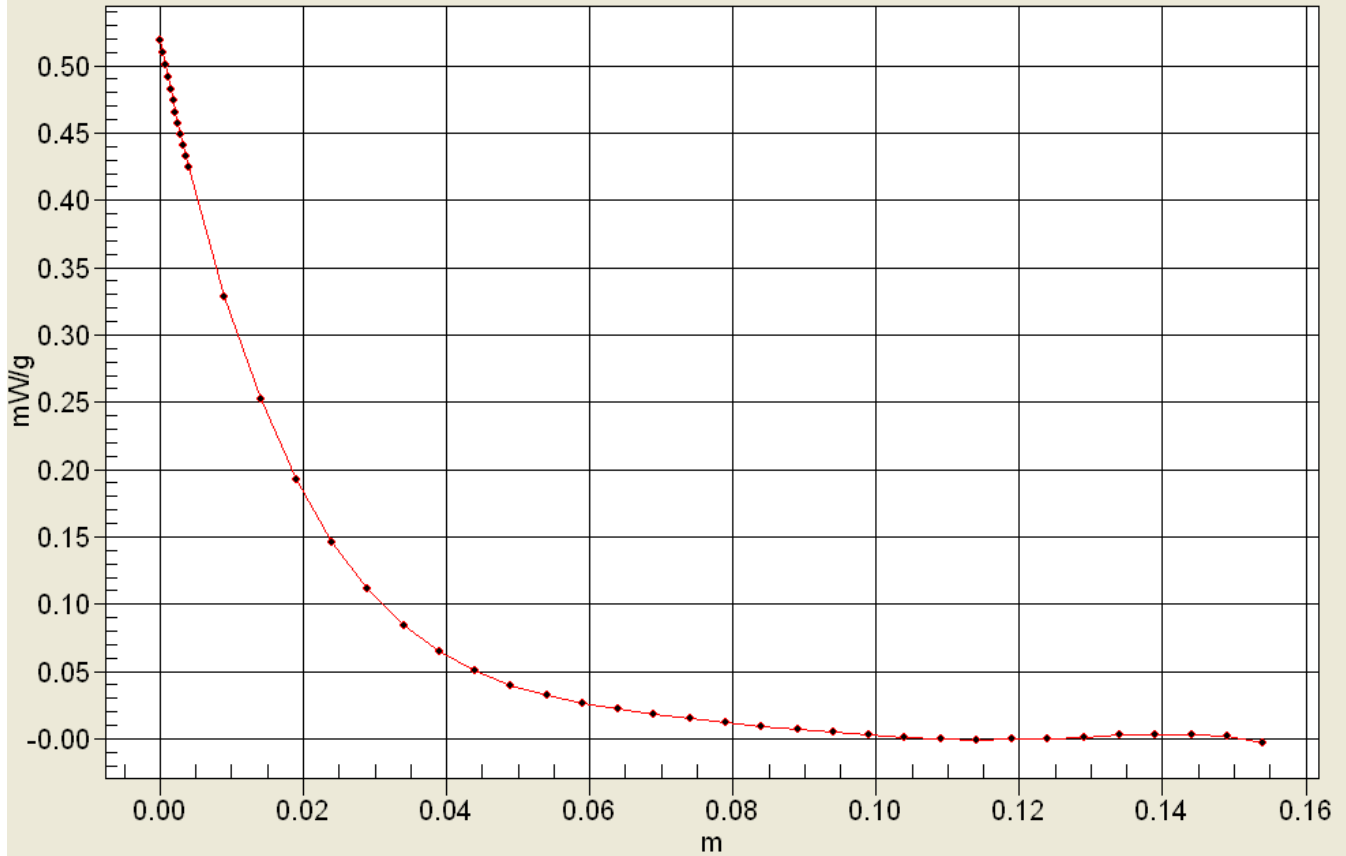
0 dB = 1.05mW/g



Applicant	Kyocera
FCC ID:	V65S2151
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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/16/2012

FCC S2151 CELL Flat with 15mm Air Space, Face Down Ch. 684, Open

Communication System: Cell BC-10 , Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/27/2011

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 FLAT Face Down Ch684/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.986 mW/g

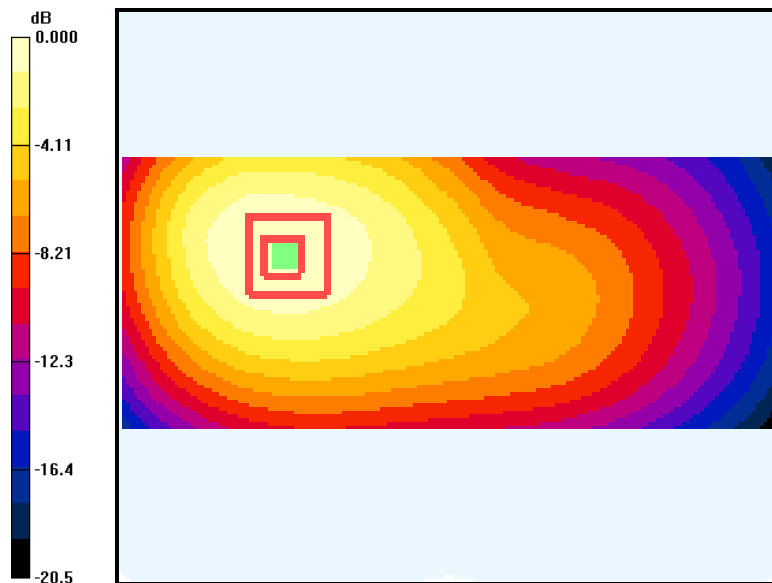
CDMA-800 FLAT Face Down Ch684/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 0.973 mW/g



0 dB = 0.986mW/g



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Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

PCS

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/19/2012

FCC S2151 PCS Flat with 15mm Air Space, Face Down Ch. 25, Closed

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

CDMA-1900 FLAT Ch25 Face Down Closed/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.919 mW/g

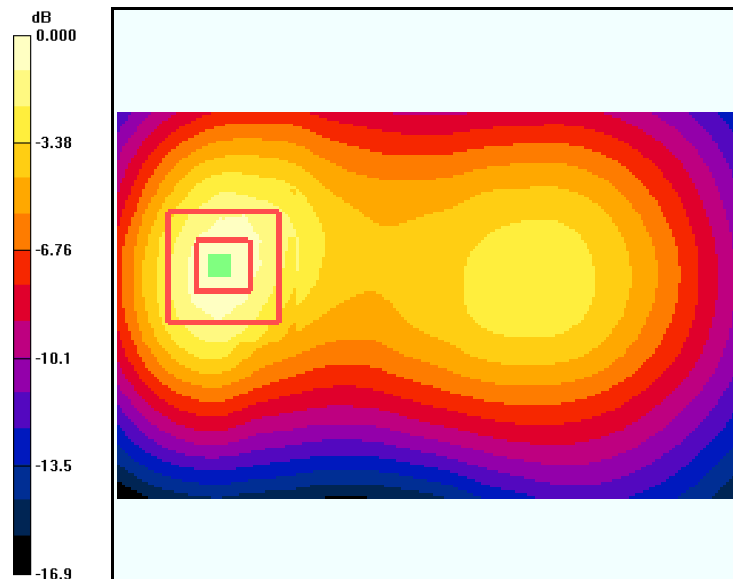
CDMA-1900 FLAT Ch25 Face Down Closed/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.462 mW/g

Maximum value of SAR (measured) = 0.902 mW/g



0 dB = 0.919mW/g

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/19/2012

FCC S2151 PCS Flat with 15mm Air Space, Face Down Ch. 600, Closed

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

CDMA-1900 FLAT - Face Down Ch600/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.850 mW/g

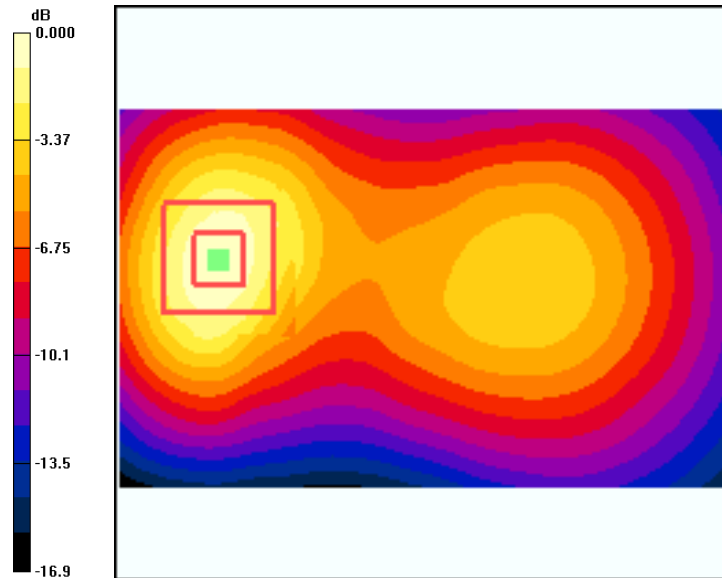
CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 0.847 mW/g



0 dB = 0.850mW/g

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/19/2012

FCC S2151 PCS Flat with 15mm Air Space, Face Down Ch. 1175, Closed

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

CDMA-1900 FLAT Face Down Ch1175/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.985 mW/g

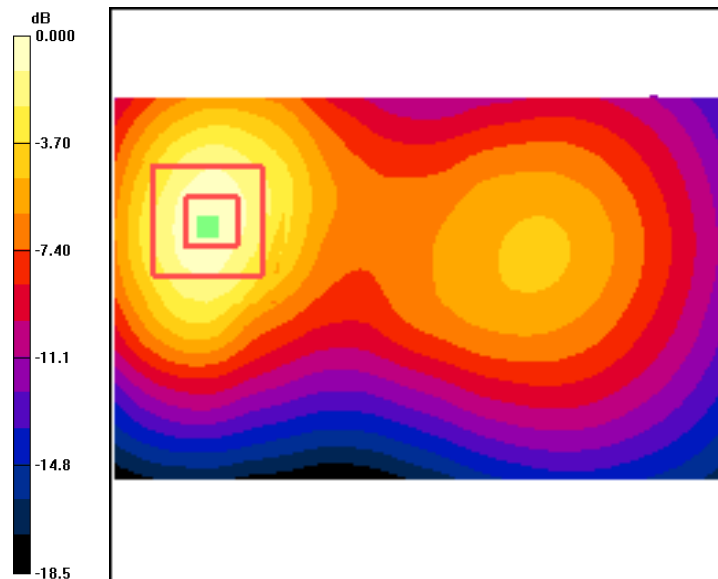
CDMA-1900 FLAT Face Down Ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.491 mW/g

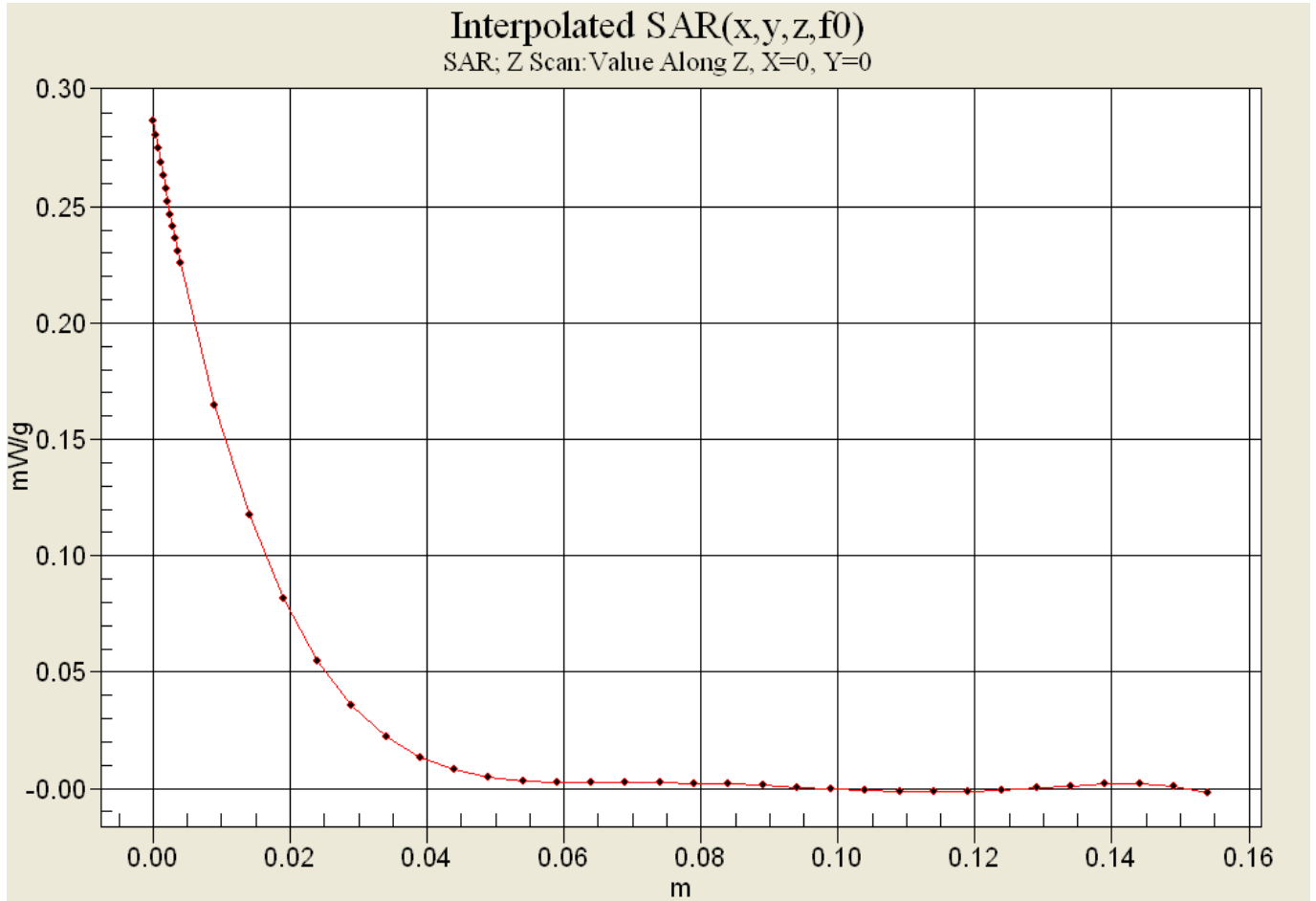
Maximum value of SAR (measured) = 0.992 mW/g



0 dB = 0.985mW/g



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/19/2012

FCC S2151 PCS Flat with 15mm Air Space, Face Up Ch. 1175, Closed

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

CDMA-1900 FLAT - Face Up Ch1175 Closed/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.248 mW/g

CDMA-1900 FLAT - Face Up Ch1175 Closed/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.238 mW/g

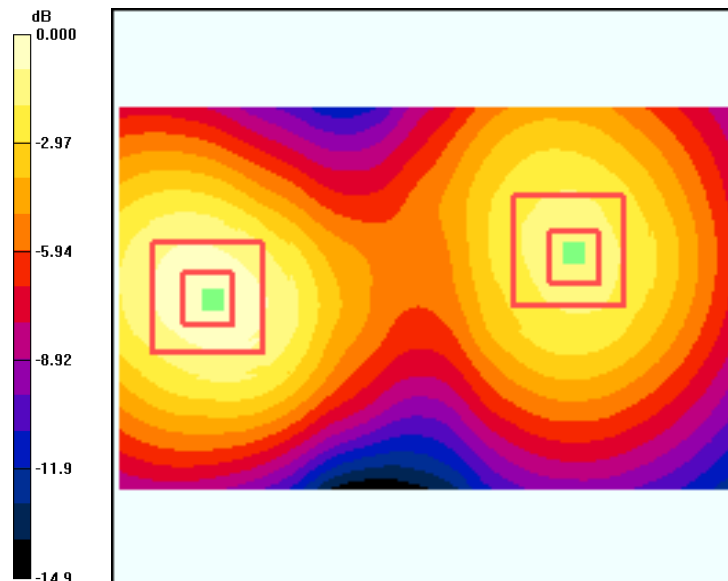
CDMA-1900 FLAT - Face Up Ch1175 Closed/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.32 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.181 mW/g



0 dB = 0.248mW/g

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/19/2012

FCC S2151 PCS Flat with 15mm Air Space, Face Down Ch. 25, Open

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

CDMA-1900 FLAT Ch25 Face Down/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.855 mW/g

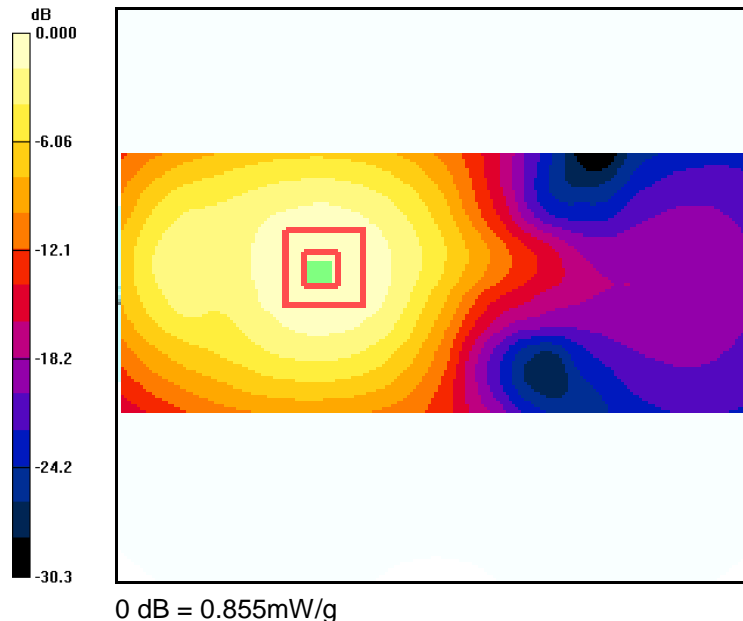
CDMA-1900 FLAT Ch25 Face Down/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 0.853 mW/g



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/19/2012

FCC S2151 PCS Flat with 15mm Air Space, Face Down Ch. 600, Open

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

CDMA-1900 FLAT - Face Down Ch600/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.828 mW/g

CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 0.945 W/kg

SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.798 mW/g

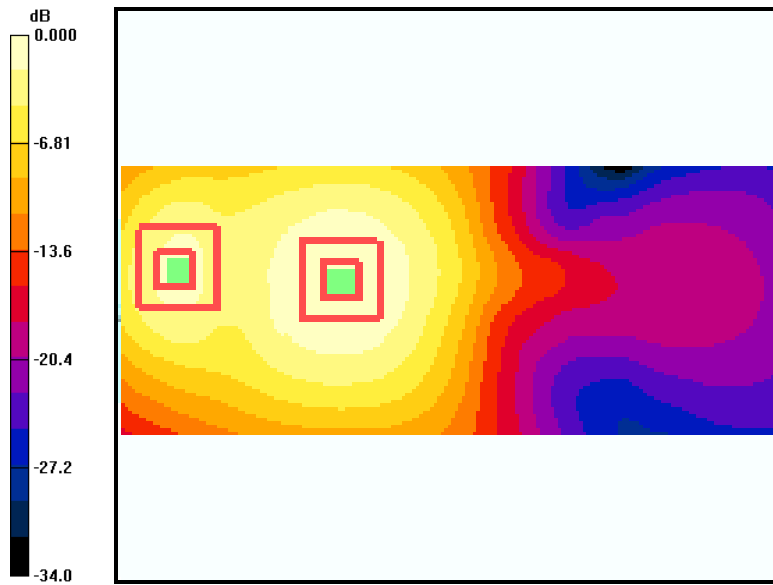
CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.633 mW/g



0 dB = 0.828mW/g

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Test Laboratory: Comptest/Kyocera

Date: 11/19/2012

FCC S2151 PCS Flat with 15mm Air Space, Face Down Ch. 1175, Open

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

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

CDMA-1900 FLAT Face Down Ch1175/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.944 mW/g

CDMA-1900 FLAT Face Down Ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.456 mW/g

Maximum value of SAR (measured) = 0.923 mW/g

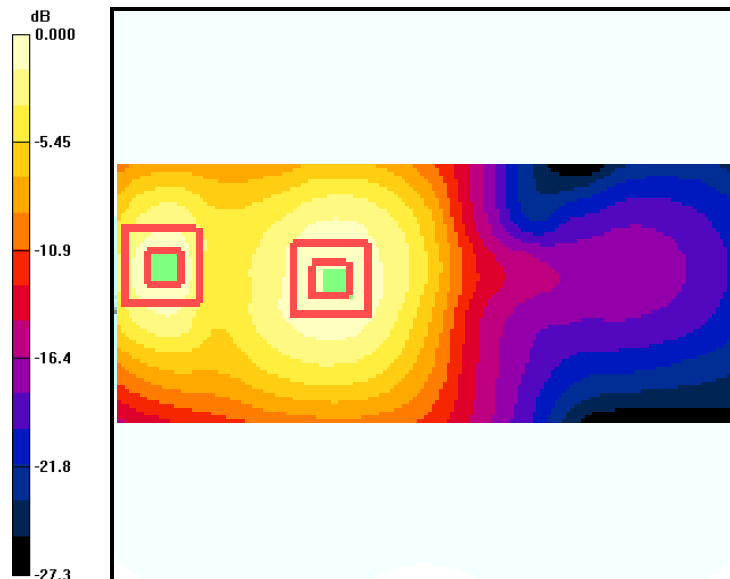
CDMA-1900 FLAT Face Down Ch1175/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.890 mW/g



0 dB = 0.944mW/g



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-1112-R0

Interpolated SAR(x,y,z,f0)
SAR; Z Scan: Value Along Z, X=0, Y=0

