



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

CELL-BC0

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 184

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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.13 mW/g

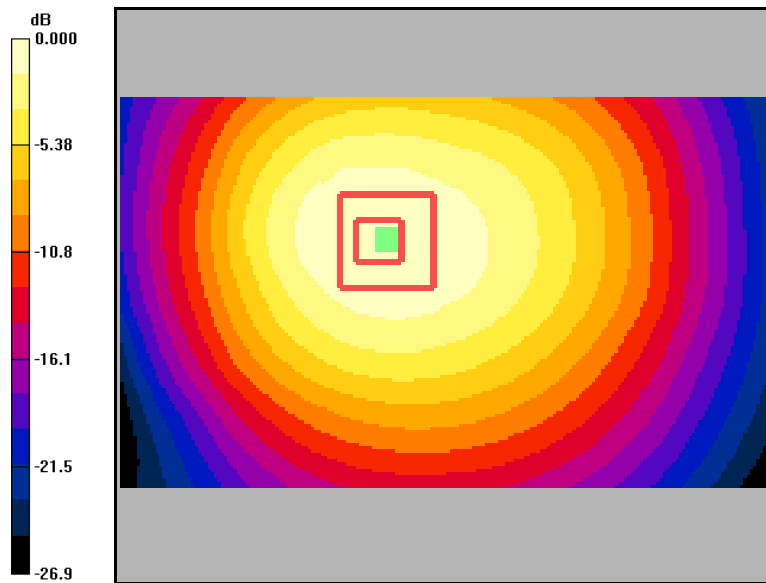
CDMA-800 FLAT Face Down Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.8 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.740 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



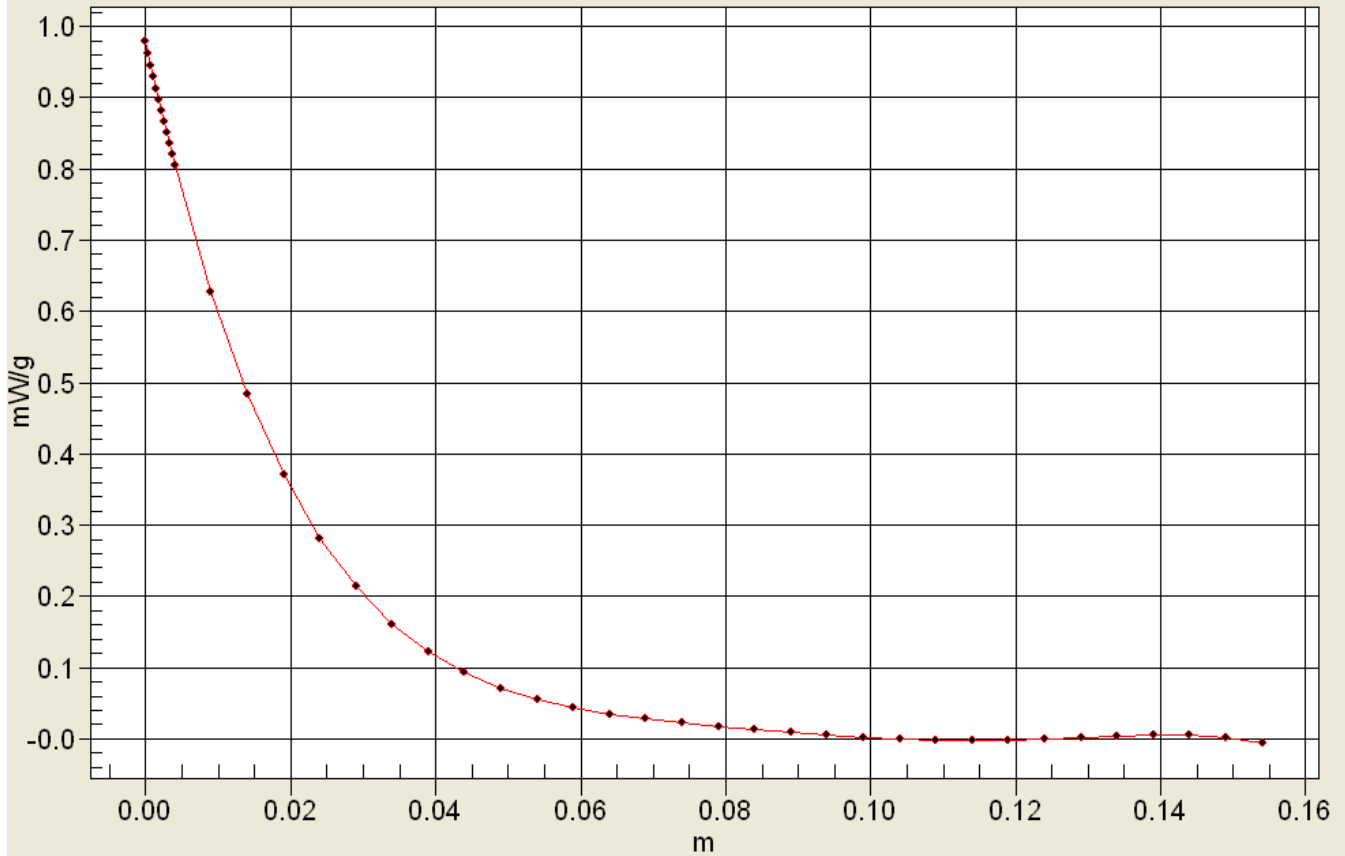
0 dB = 1.13mW/g



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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: 01/17/2013

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): $f = 836.52 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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 184

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) = 1.10 mW/g

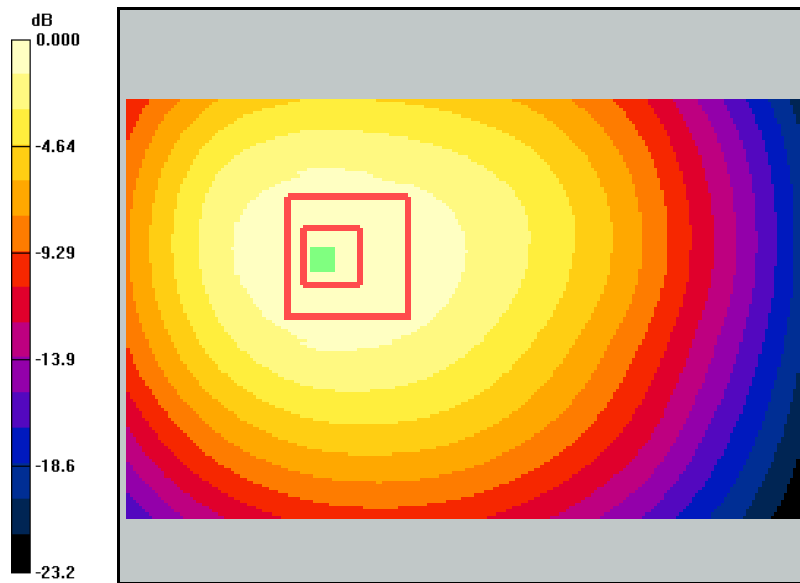
CDMA-800 FLAT - Face Down Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.3 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.710 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.10mW/g

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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 184

Temperature:

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

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

Maximum value of SAR (interpolated) = 1.07 mW/g

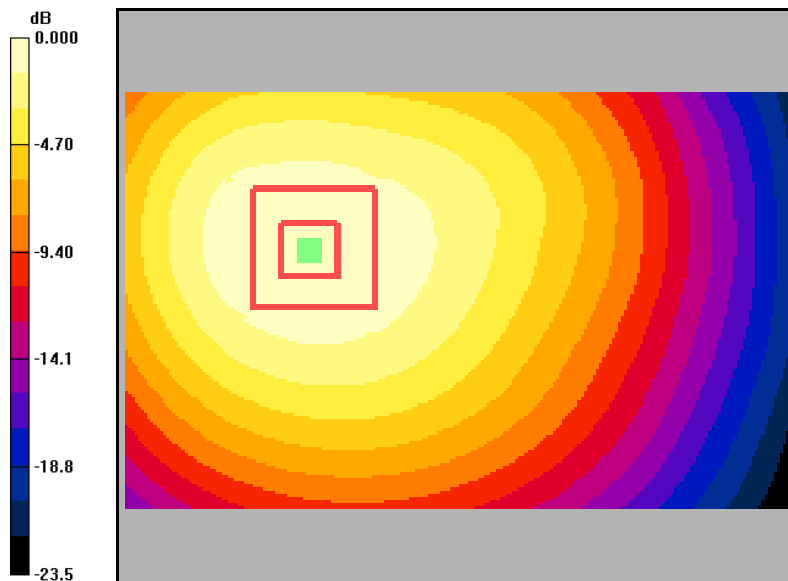
CDMA-800 FLAT Face Down Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.698 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.07mW/g

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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 184

Temperature:

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

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

Maximum value of SAR (interpolated) = 0.498 mW/g

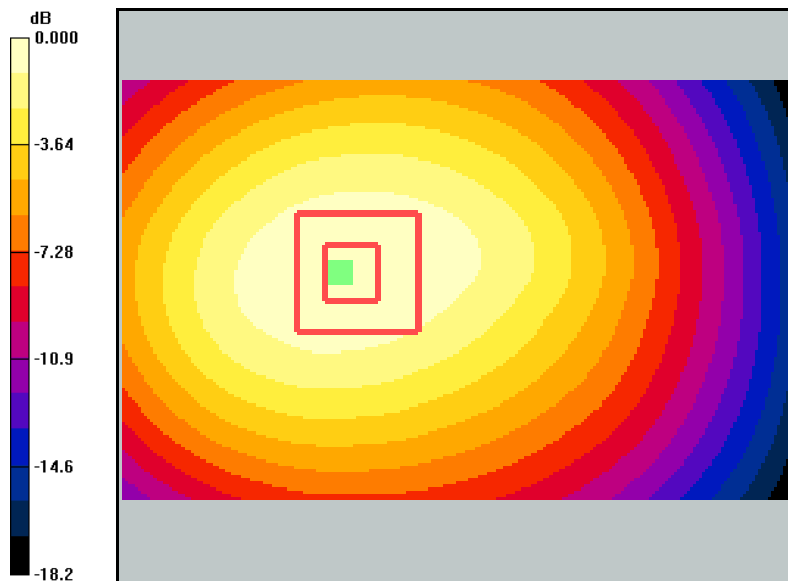
CDMA-800 FLAT - Face Up Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.503 mW/g



0 dB = 0.498mW/g

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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 184

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) = 1.05 mW/g

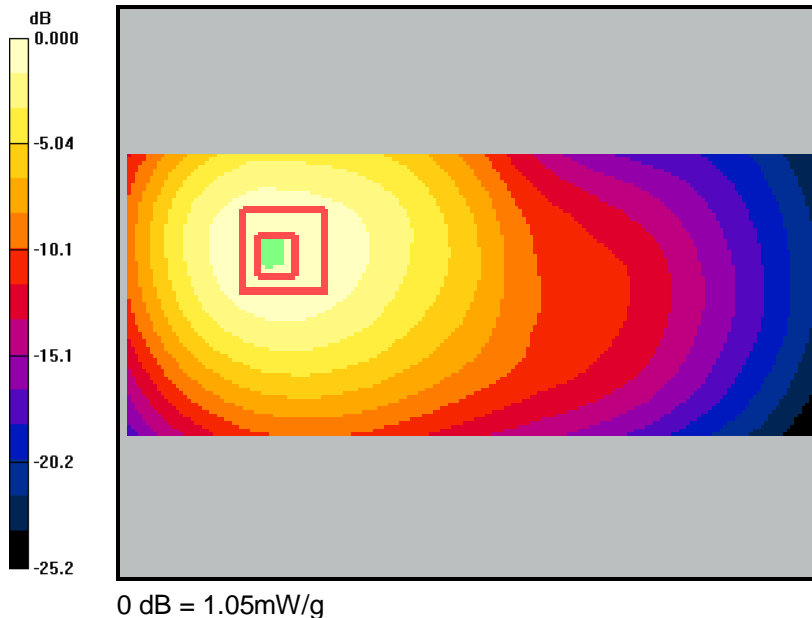
CDMA-800 FLAT Face Down Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.680 mW/g

Maximum value of SAR (measured) = 1.02 mW/g

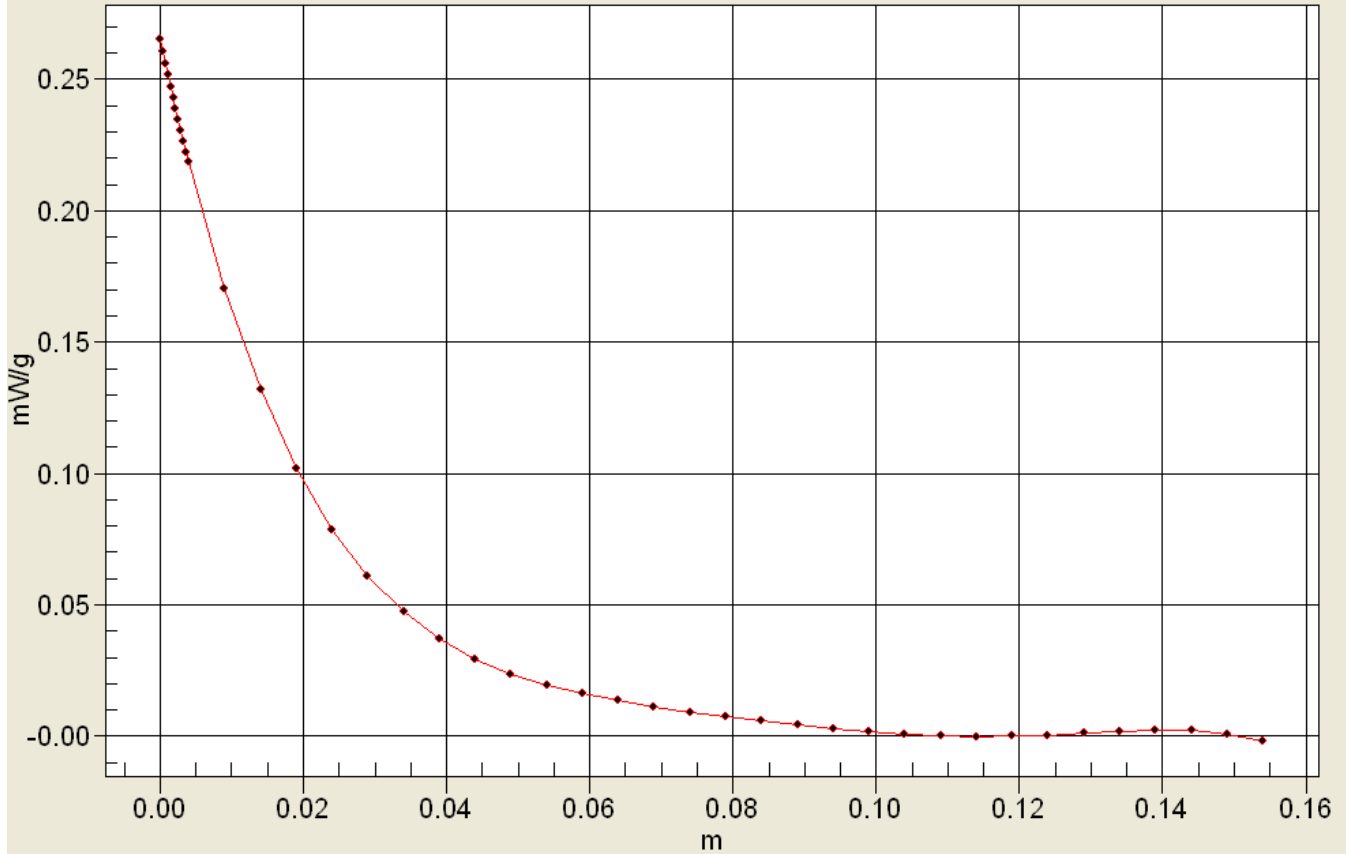




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Interpolated SAR(x,y,z,f0)

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



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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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): $f = 836.52 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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 184

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) = 1.03 mW/g

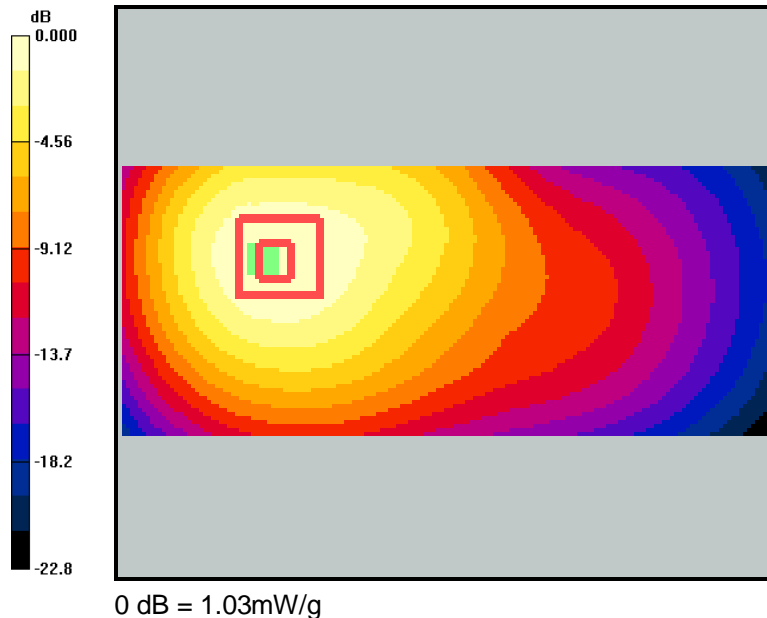
CDMA-800 FLAT - Face Down Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.677 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 184

Temperature:

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

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

Maximum value of SAR (interpolated) = 0.856 mW/g

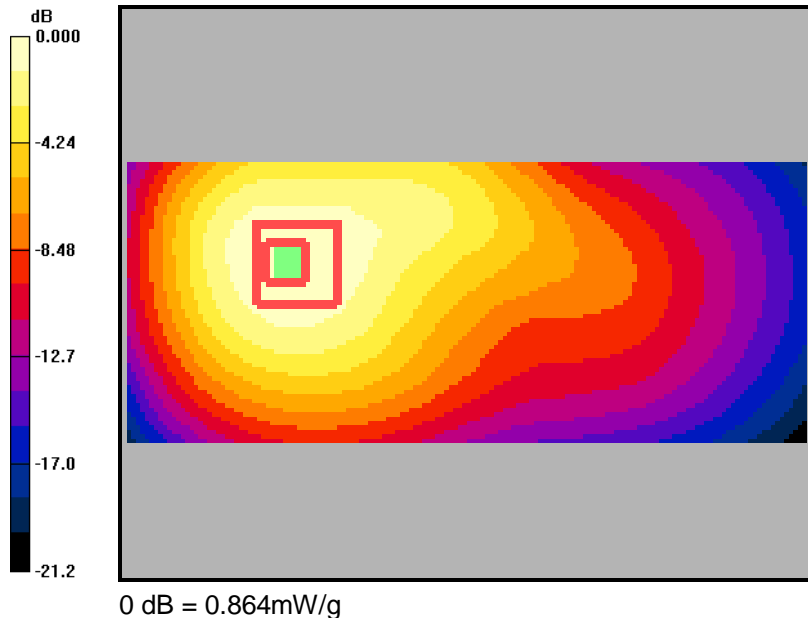
CDMA-800 FLAT Face Down Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 0.864 mW/g





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CELL-BC10

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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): $f = 817.9 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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 184

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) = 1.11 mW/g

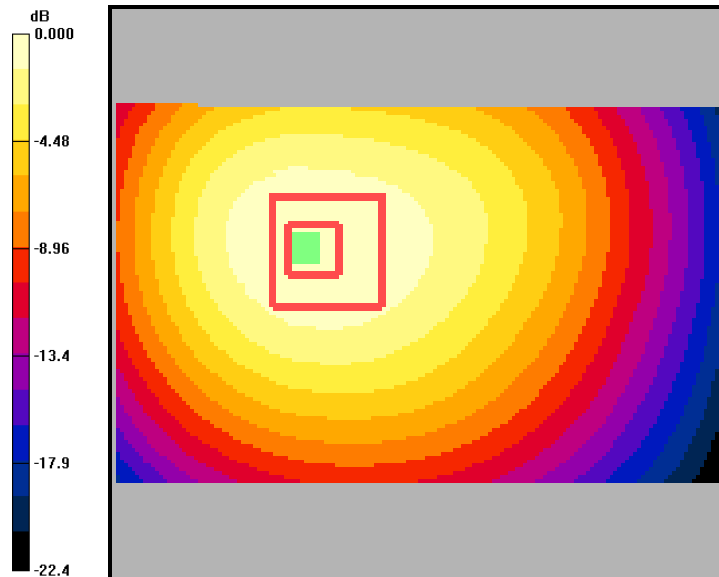
CDMA-800 FLAT Face Down Ch476/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.725 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.11mW/g

Applicant	Kyocera
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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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): $f = 820.5 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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 184

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) = 1.07 mW/g

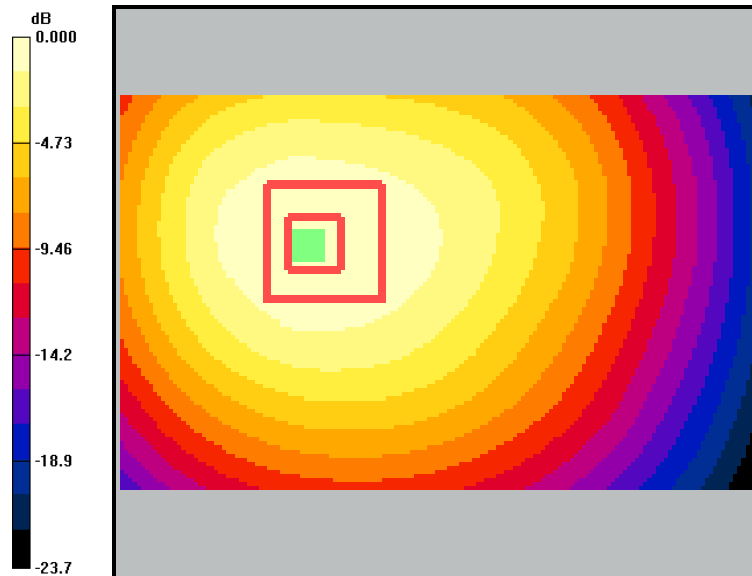
CDMA-800 FLAT - Face Down Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.9 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.698 mW/g

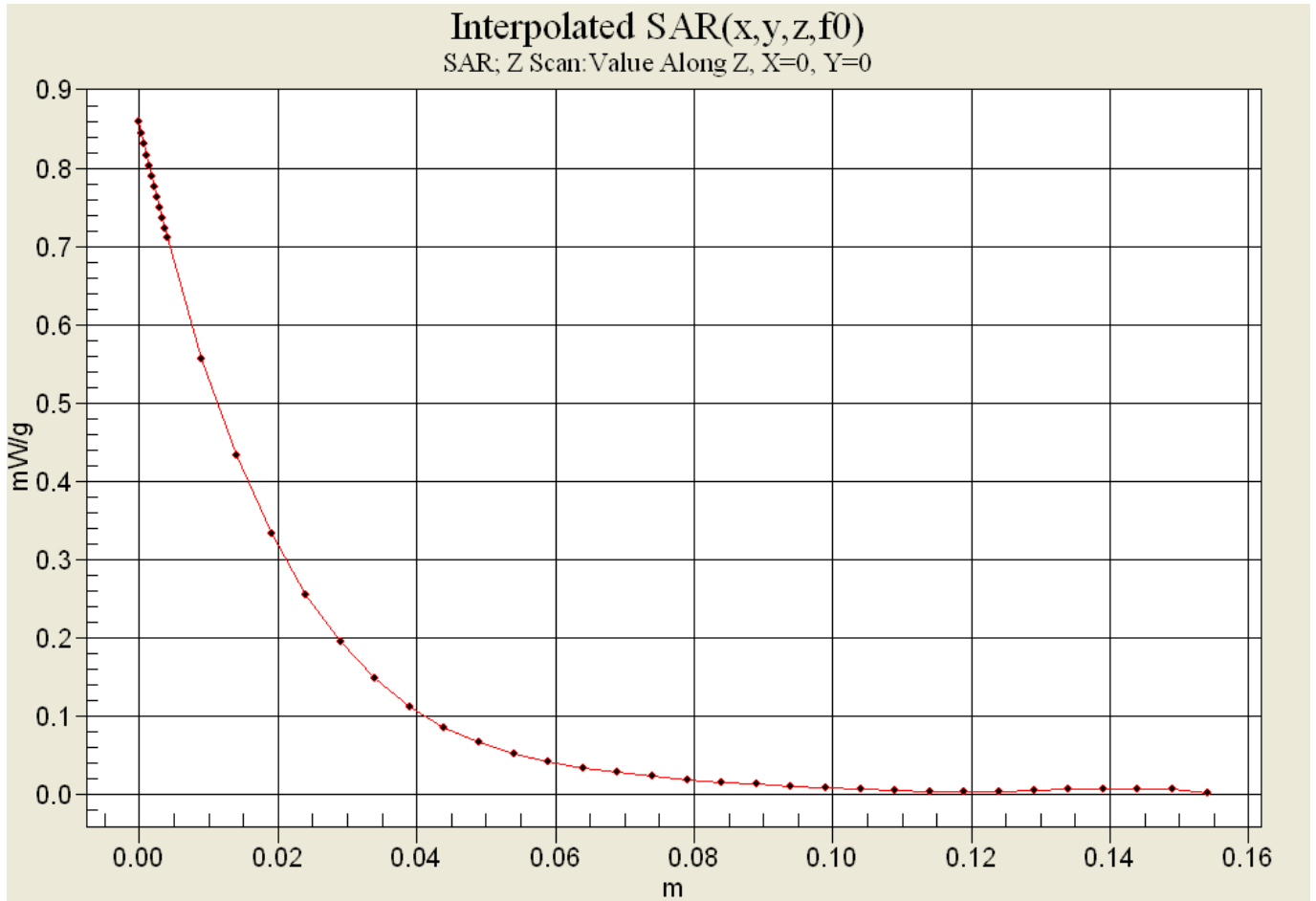
Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.07mW/g



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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 184

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) = 1.18 mW/g

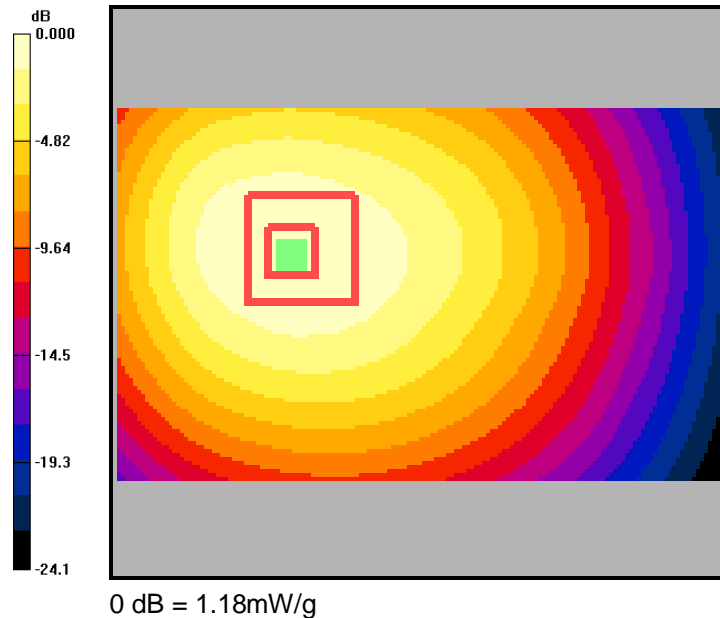
CDMA-800 FLAT Face Down Ch684/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.5 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.767 mW/g

Maximum value of SAR (measured) = 1.17 mW/g



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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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): $f = 820.5 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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 184

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) = 0.544 mW/g

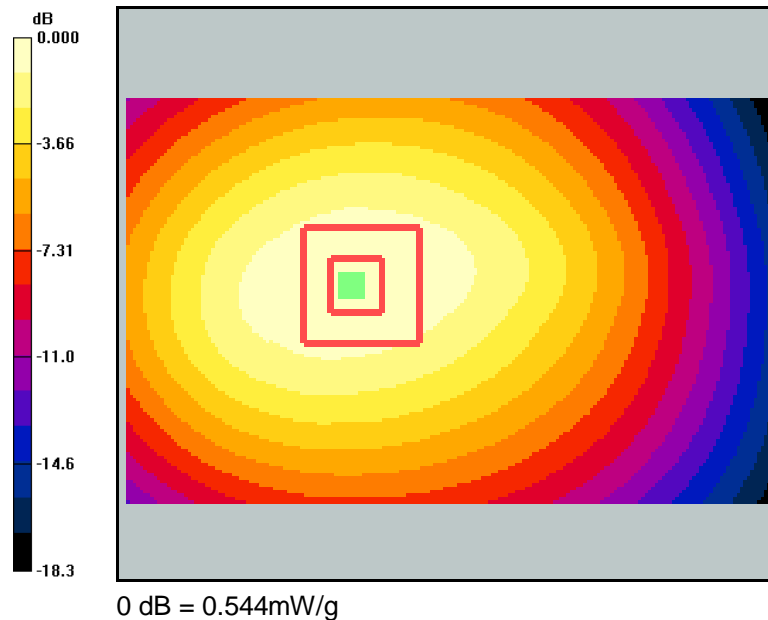
CDMA-800 FLAT - Face Up Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.537 mW/g



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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 184

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) = 1.03 mW/g

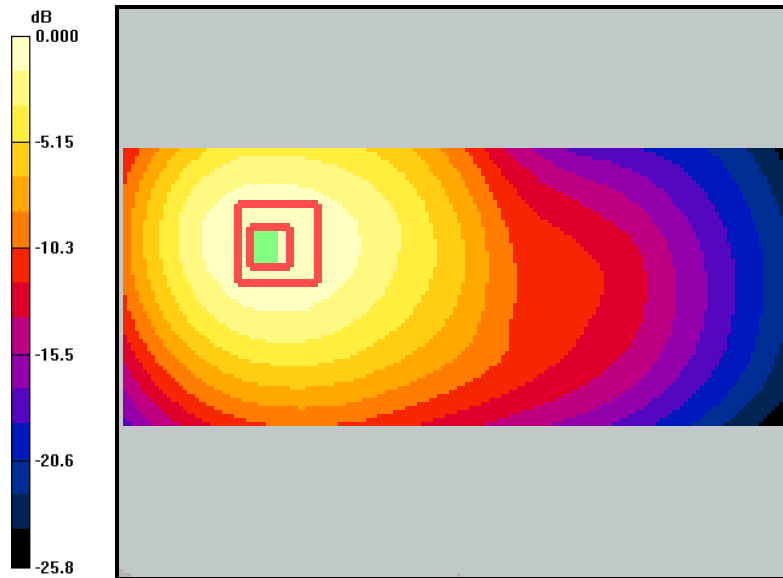
CDMA-800 FLAT Face Down Ch476/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.680 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

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Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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): $f = 820.5 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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 184

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) = 1.11 mW/g

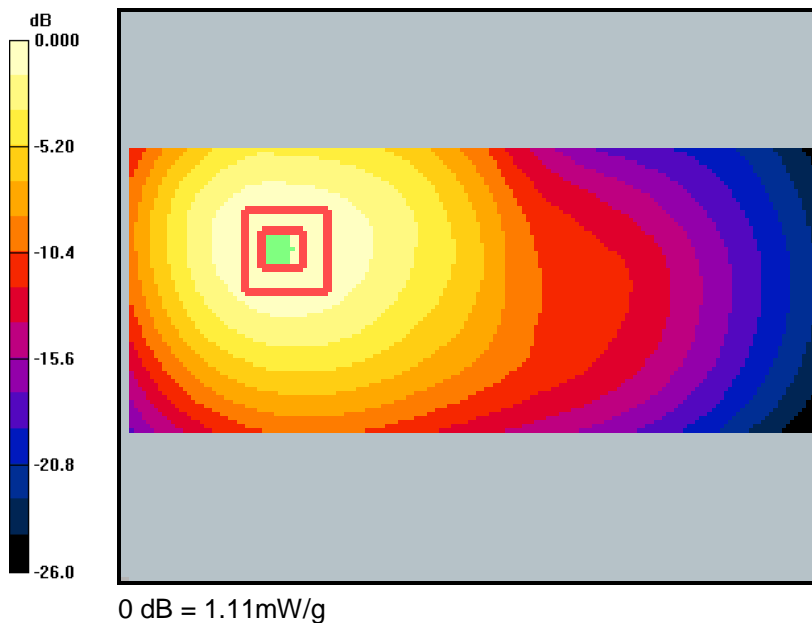
CDMA-800 FLAT - Face Down Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.731 mW/g

Maximum value of SAR (measured) = 1.10 mW/g

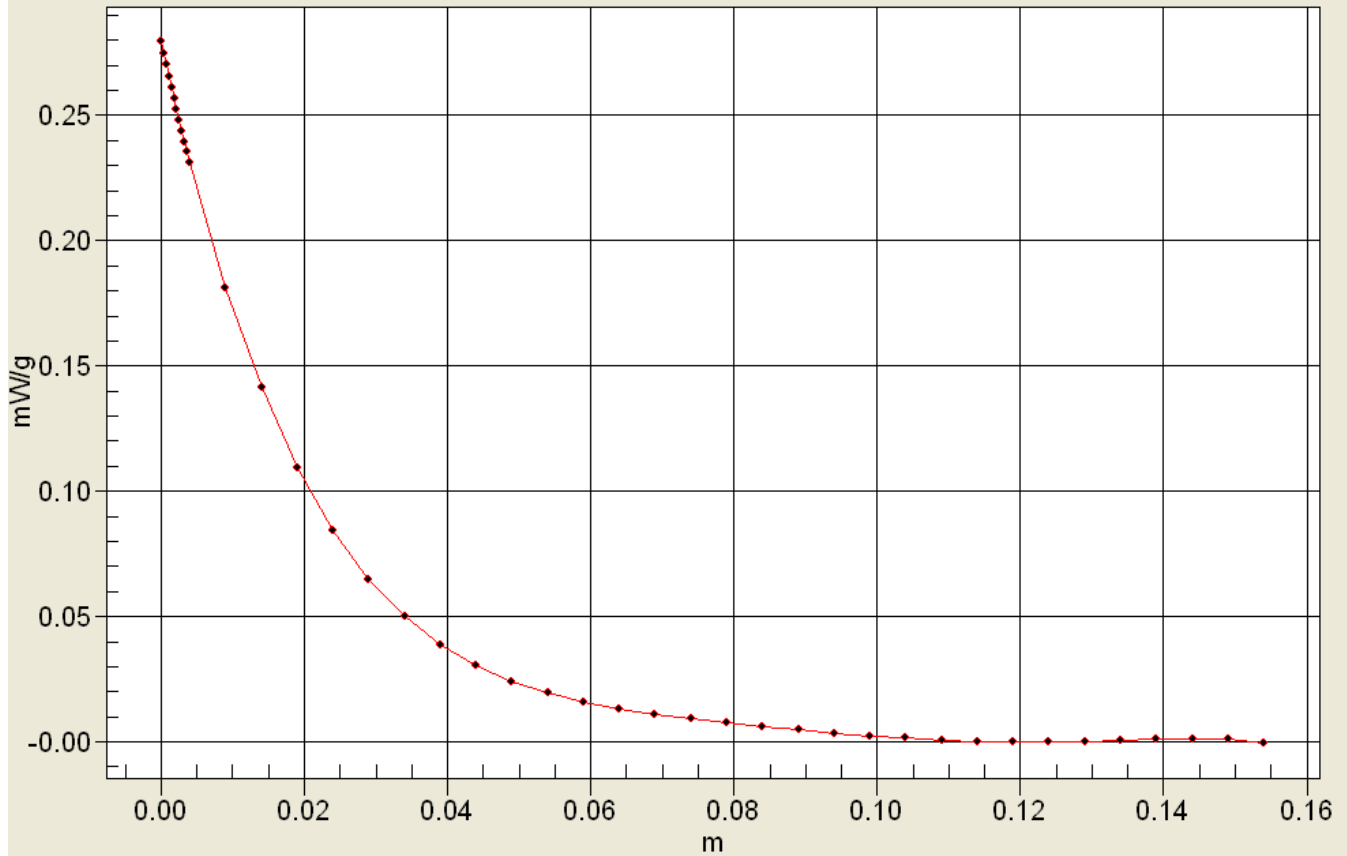




Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Interpolated SAR(x,y,z,f0)

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



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/17/2013

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): $f = 823.1 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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 184

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) = 1.07 mW/g

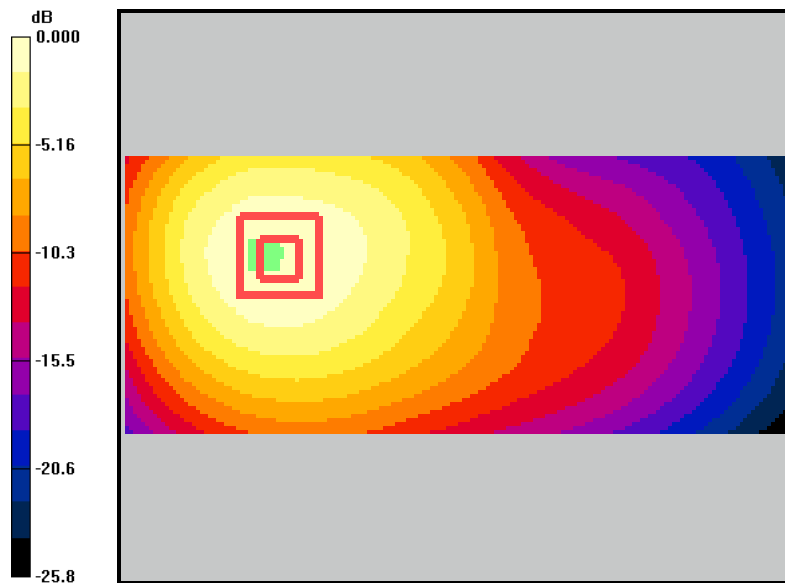
CDMA-800 FLAT Face Down Ch684/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.700 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.07mW/g



COMPTEST
Services LLC

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

PCS

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/18/2013

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): $f = 1851.25 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

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 184

Temperature:

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

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

Maximum value of SAR (interpolated) = 1.01 mW/g

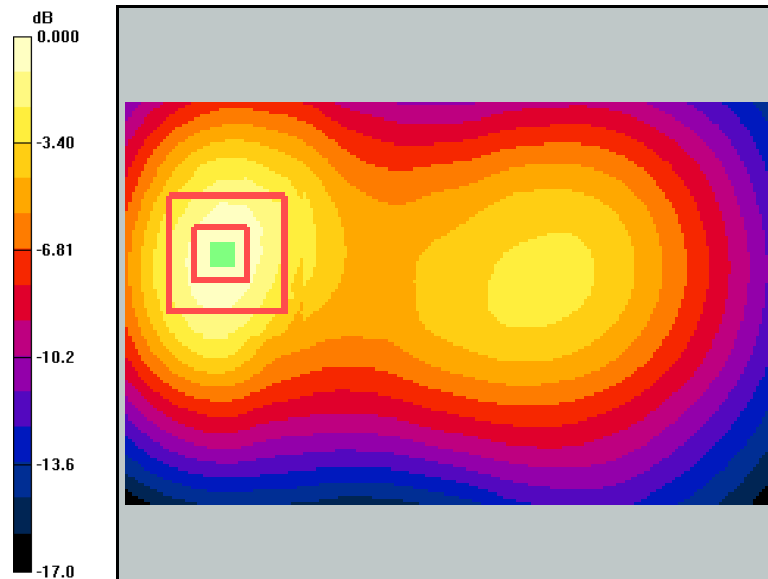
CDMA-1900 FLAT Ch25 Face Down Closed/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/18/2013

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: $f = 1880 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

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 184

Temperature:

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

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

Maximum value of SAR (interpolated) = 1.00 mW/g

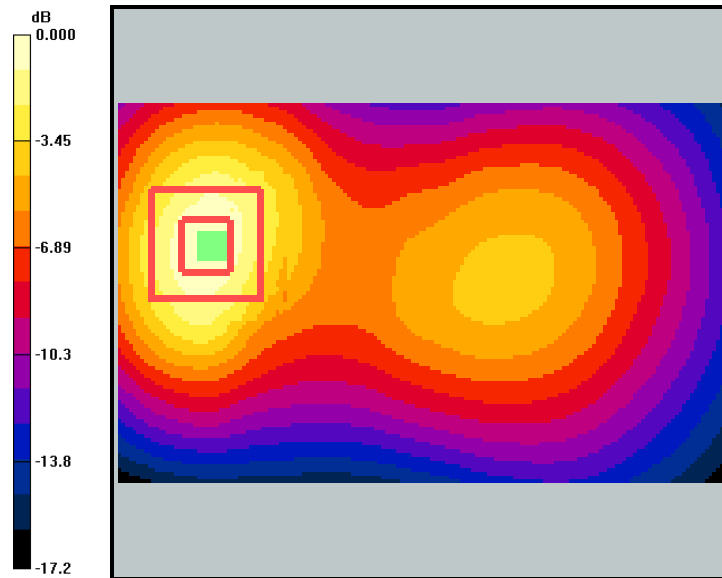
CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.00mW/g

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/18/2013

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; $\sigma = 1.53$ 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 184

Temperature:

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

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

Maximum value of SAR (interpolated) = 1.06 mW/g

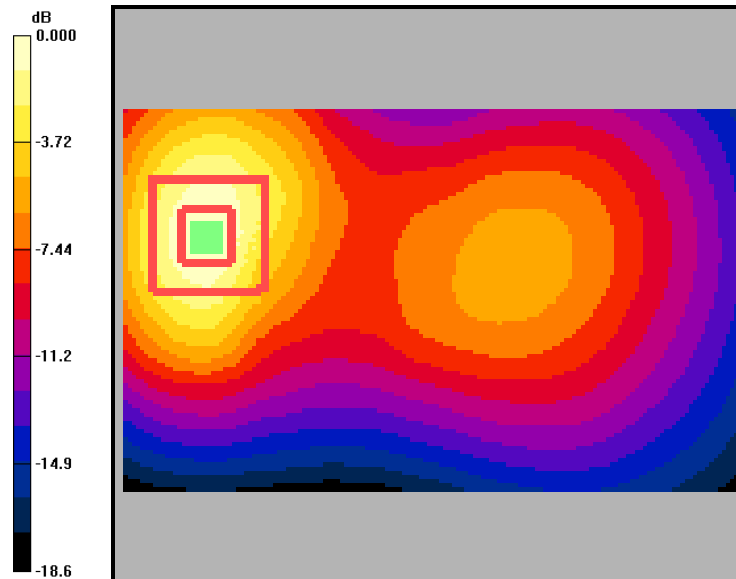
CDMA-1900 FLAT Face Down Ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.527 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



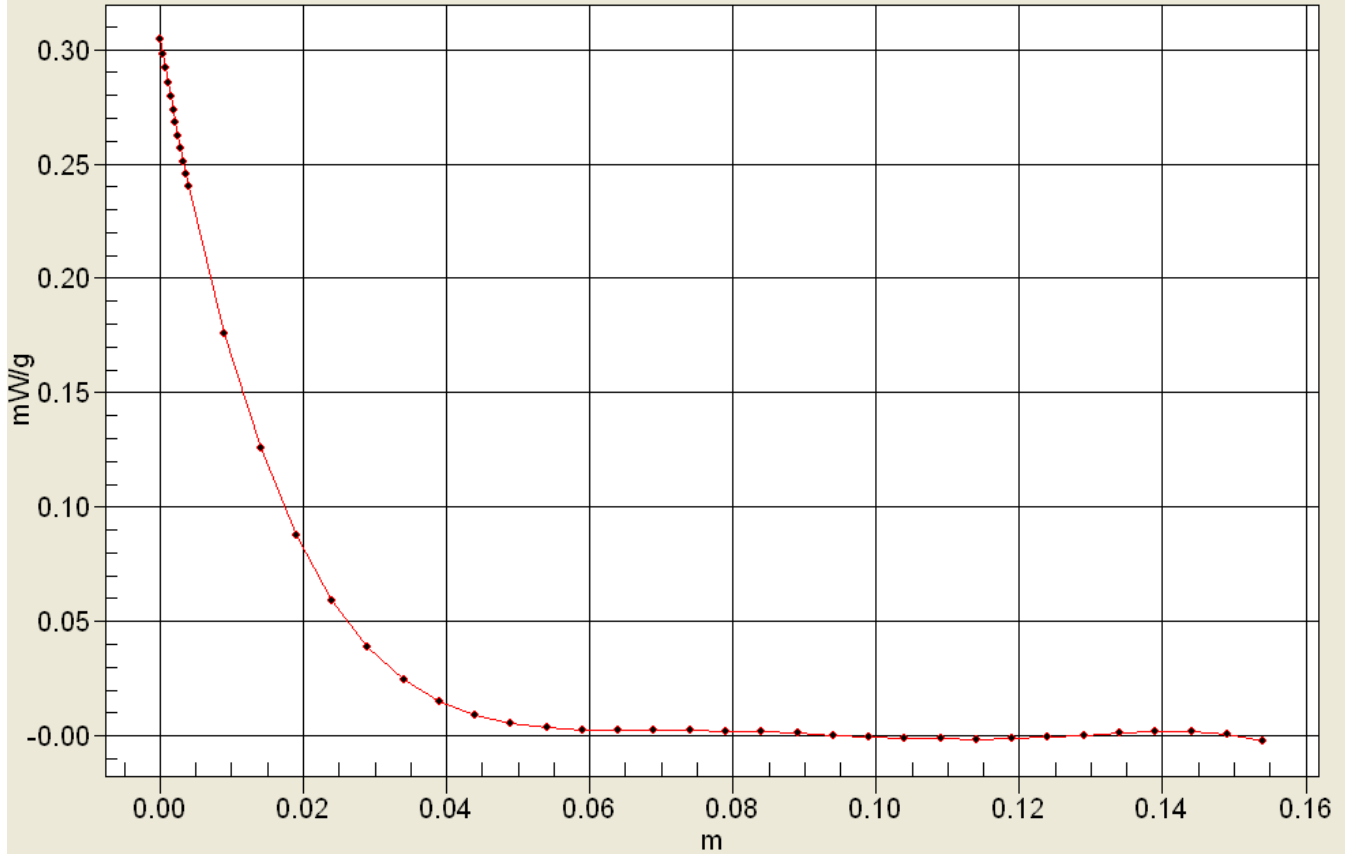
0 dB = 1.06mW/g



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Interpolated SAR(x,y,z,f0)

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



Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/18/2013

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): $f = 1908.75$ MHz; $\sigma = 1.53$ 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 184

Temperature:

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

CDMA-1900 FLAT - Face Up Ch1175 Closed/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.221 mW/g

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

Reference Value = 7.40 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.225 mW/g

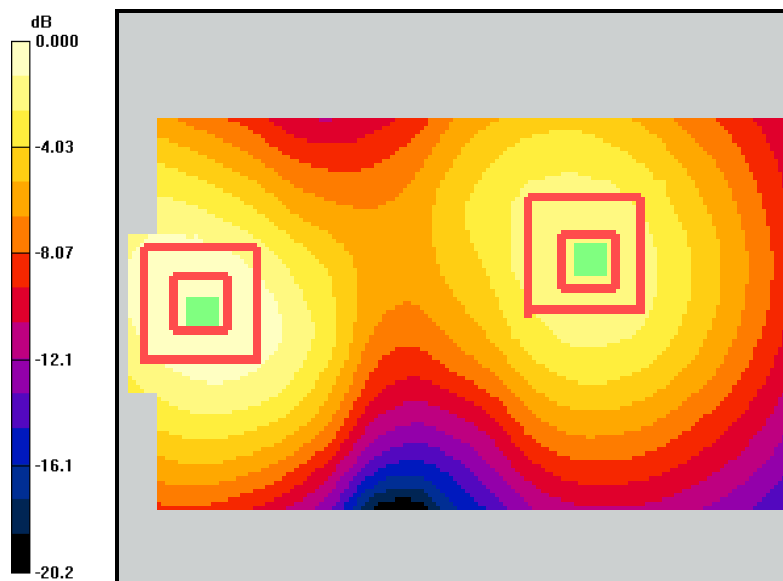
CDMA-1900 FLAT - Face Up Ch1175 Closed/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.40 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.156 mW/g



0 dB = 0.221mW/g

Applicant	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-9B2-0113

Test Laboratory: Comptest/Kyocera

Date: 01/18/2013

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; $\sigma = 1.53$ 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 184

Temperature:

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

CDMA-1900 FLAT Face Down Ch1175/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.773 mW/g

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

Reference Value = 12.2 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.778 mW/g

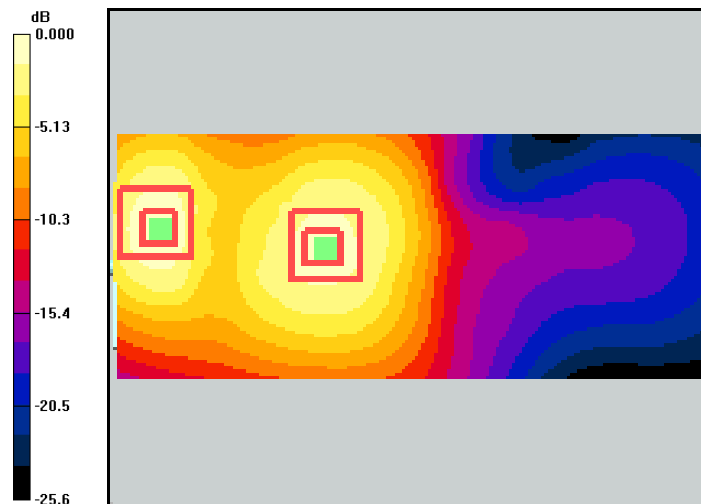
CDMA-1900 FLAT Face Down Ch1175/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.614 mW/g



0 dB = 0.773mW/g