



Applicant	Kyocera
FCC ID:	V65S3015
Report #:	CT- S3015-9B2-0711-R0

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

CELL-BC10

Applicant	Kyocera
FCC ID:	V65S3015
Report #:	CT- S3015-9B2-0711-R0

Test Laboratory: Comptest/Kyocera

Date: 07/11/2011

FCC S3015 CELL Flat with 15mm Air Space, Face-Down Ch. 476

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

Medium: M800,Medium parameters used (interpolated): $f = 817.9$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602,Calibrated: 7/14/2010

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-800 FLAT Face-Down Ch476 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.769 mW/g

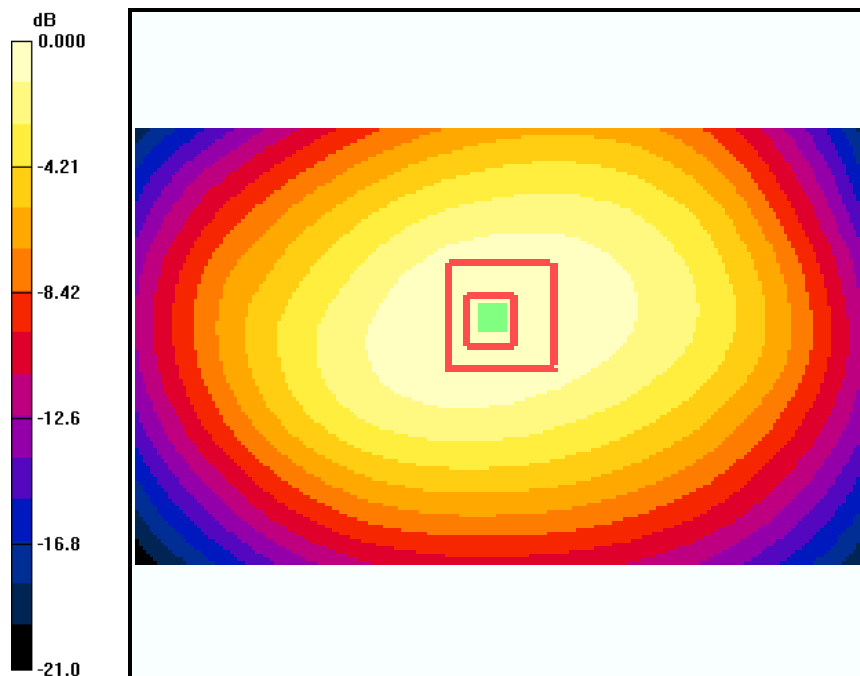
CDMA-800 FLAT Face-Down Ch476 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.527 mW/g

Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.753mW/g

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FCC S3015 CELL Flat with 15mm Air Space, Face-Up Ch. 476

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

Medium: M800,Medium parameters used (interpolated): $f = 817.9$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602,Calibrated: 7/14/2010

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-800 FLAT Face-Up Ch476 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.765 mW/g

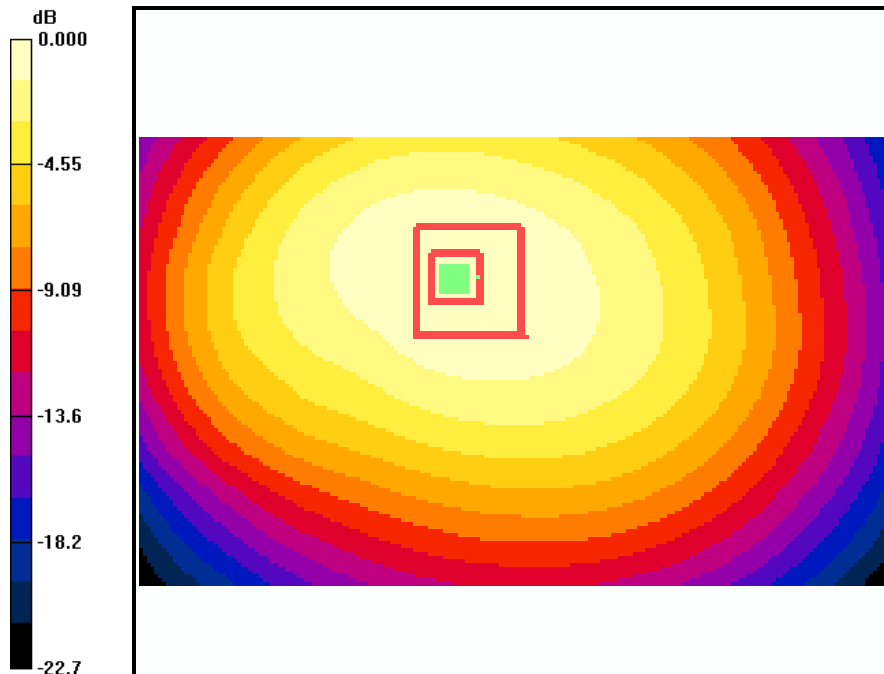
CDMA-800 FLAT Face-Up Ch476 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.0 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.529 mW/g

Maximum value of SAR (measured) = 0.759 mW/g



0 dB = 0.759mW/g



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CELL-BC0

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Test Laboratory: Comptest/Kyocera

Date: 07/11/2011

FCC S3015 CELL Flat with 15mm Air Space, Face-Down Ch. 1013

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

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-800 FLAT Face-Down Ch1013 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.774 mW/g

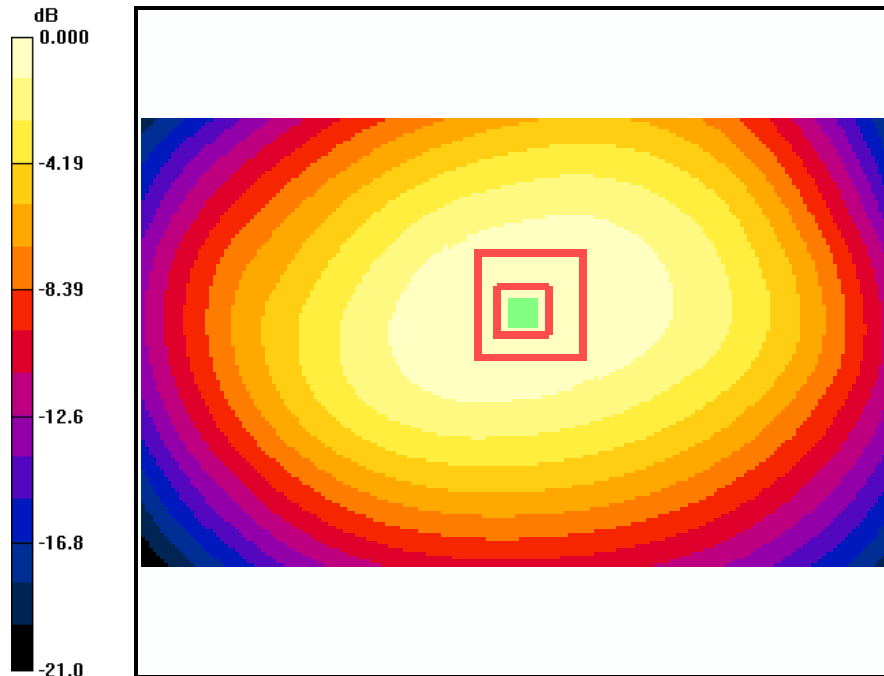
CDMA-800 FLAT Face-Down Ch1013 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.7 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.527 mW/g

Maximum value of SAR (measured) = 0.758 mW/g

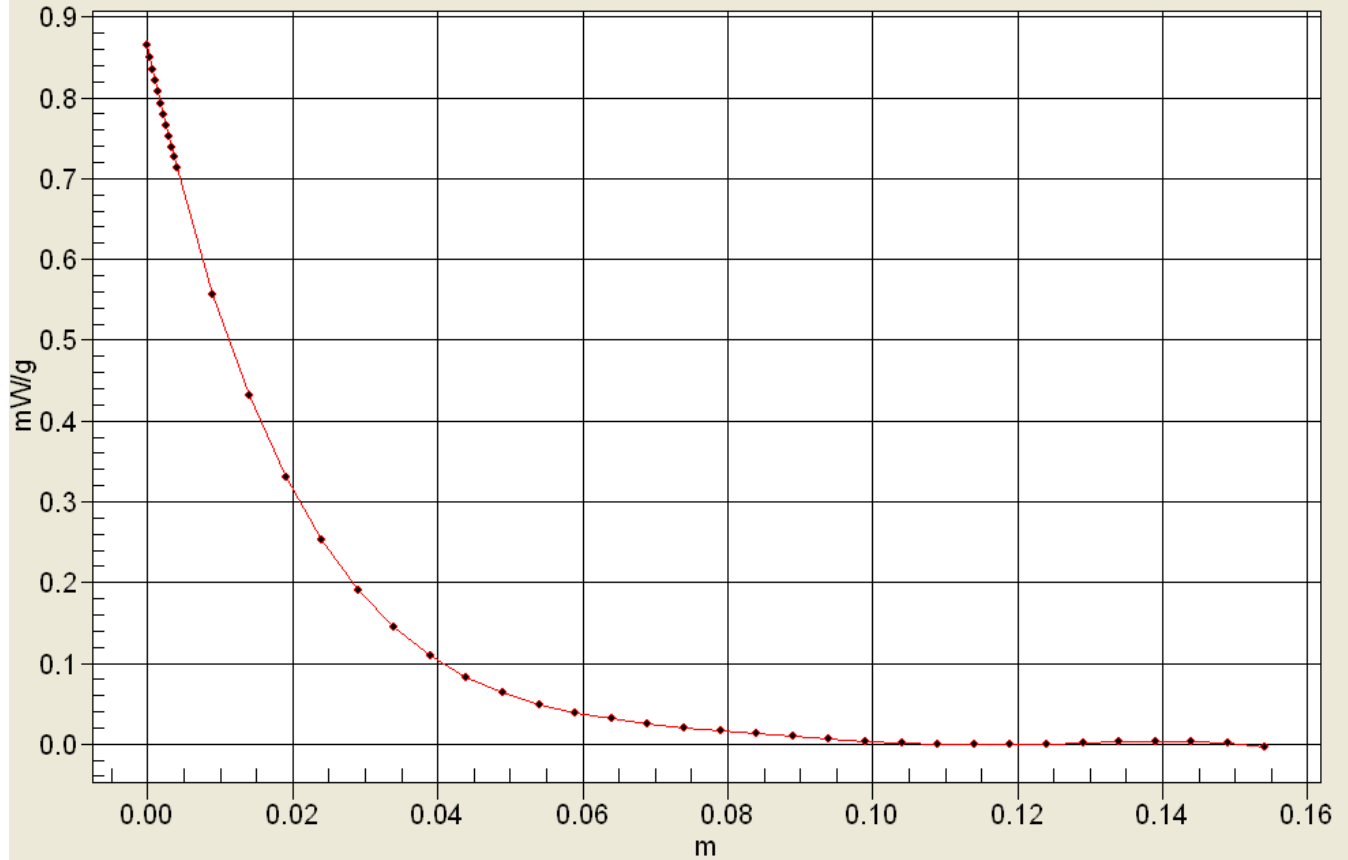


0 dB = 0.758mW/g



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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: 07/11/2011

FCC S3015 CELL Flat with 15mm Air Space, Face-Up Ch. 1013

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

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-800 FLAT Face-Up Ch1013 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.807 mW/g

CDMA-800 FLAT Face-Up Ch1013 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,

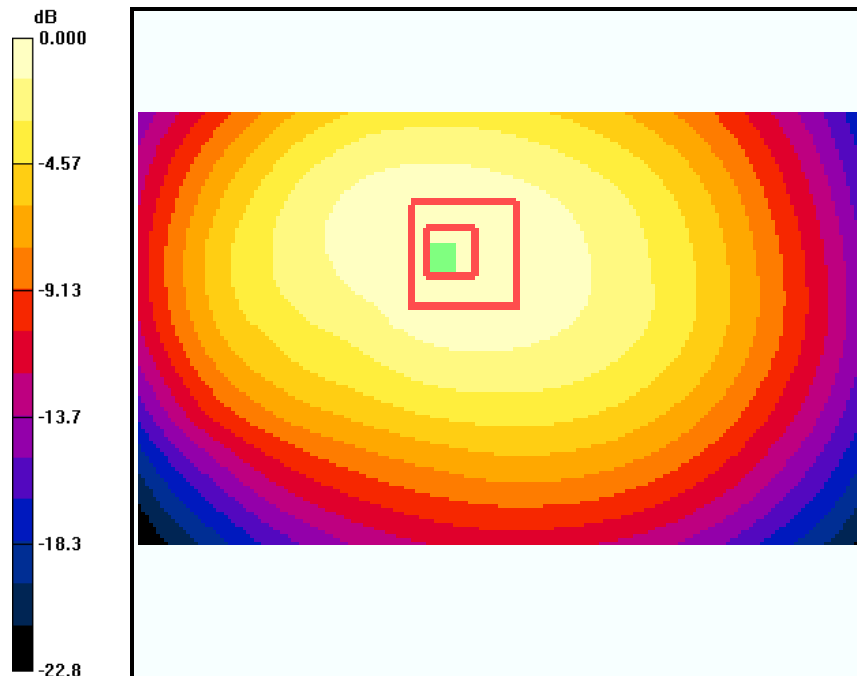
dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783mW/g



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PCS

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Test Laboratory: Comptest/Kyocera

Date: 07/09/2011

FCC S3015 PCS Flat with 15mm Air Space, Face Down Ch. 600

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(4.5, 4.5, 4.5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

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

Maximum value of SAR (interpolated) = 0.476 mW/g

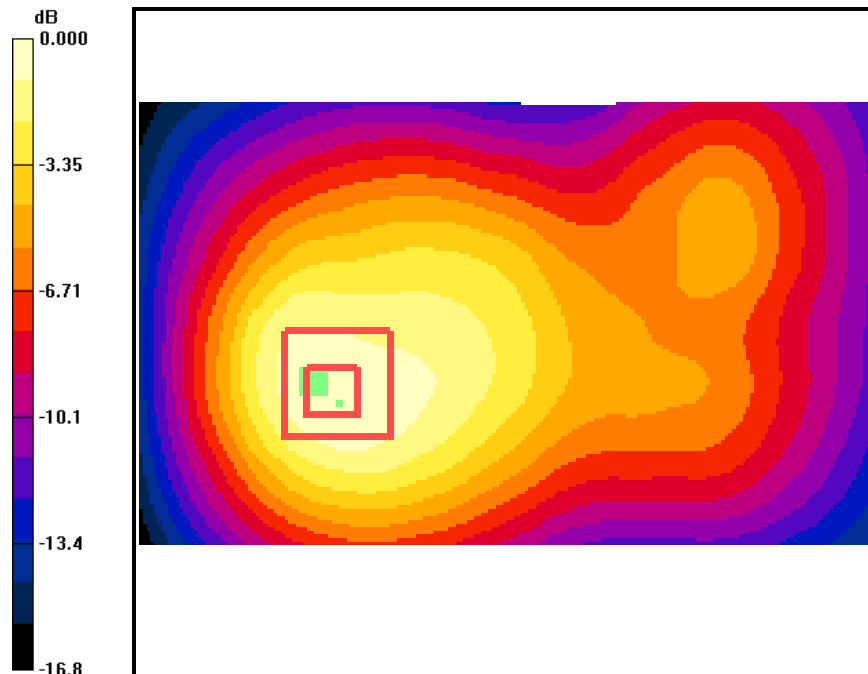
CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.461 mW/g

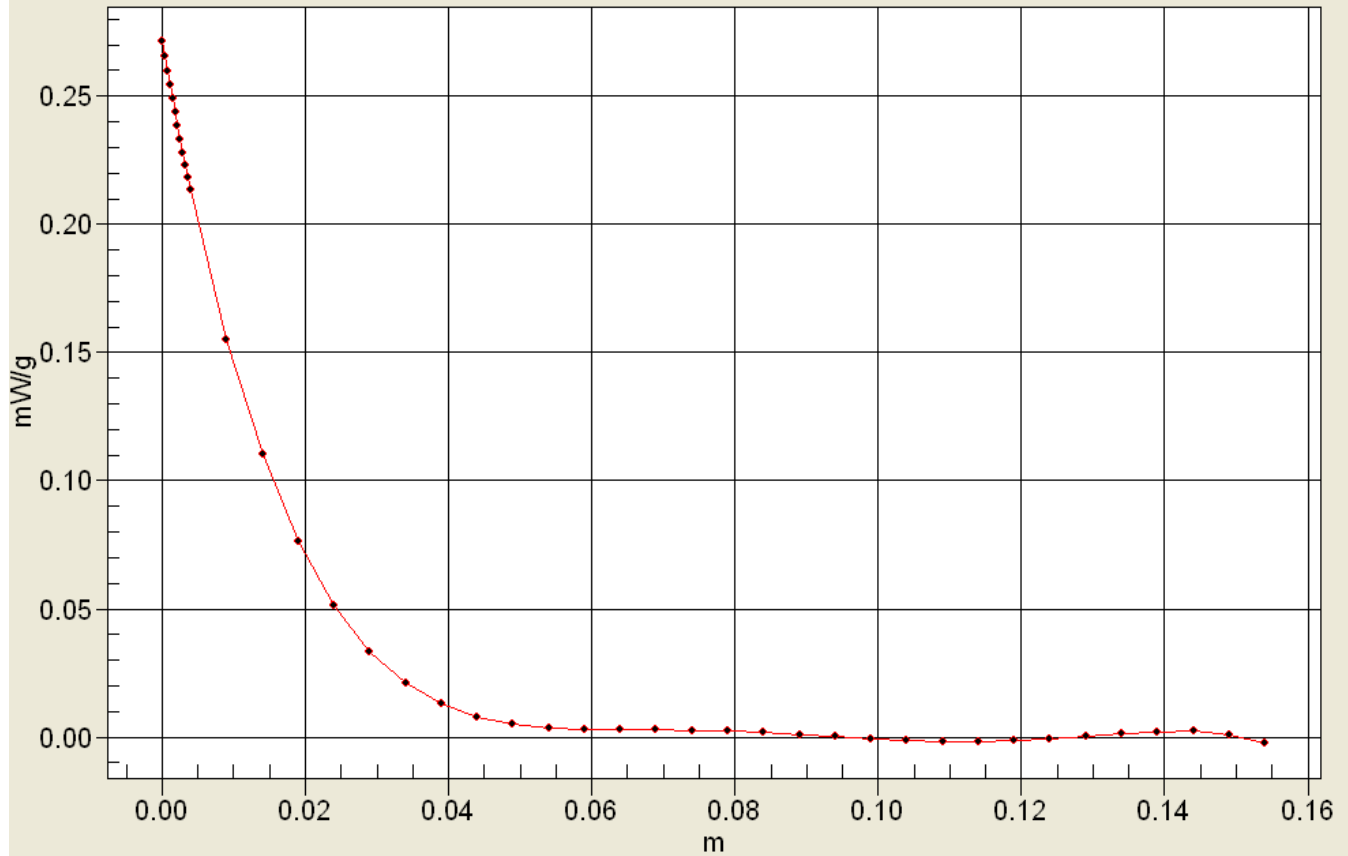


0 dB = 0.461mW/g



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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: 07/09/2011

FCC S3015 PCS Flat with 15mm Air Space, Face Up Ch. 600

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(4.5, 4.5, 4.5), Calibrated: 9/9/2010

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

Electronics: DAE4 Sn675, Calibrated: 5/5/2011

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 Ch600/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.539 mW/g

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

Reference Value = 11.6 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.508 mW/g

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

Reference Value = 11.6 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.346 mW/g

