

Applicant	Kyocera
FCC ID:	V65S1360
Report #:	CT-S1360-9B2-0513

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

PCS

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Report #:	CT-S1360-9B2-0513

Test Laboratory: Comptest/Kyocera

Date: 05/01/2013

FCC S1360 PCS Flat with 15mm Air Space, Face Down Ch. 25

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
 Medium: M1900, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.47, 4.47, 4.47), Calibrated: 5/29/2012

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

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

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 (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.884 mW/g

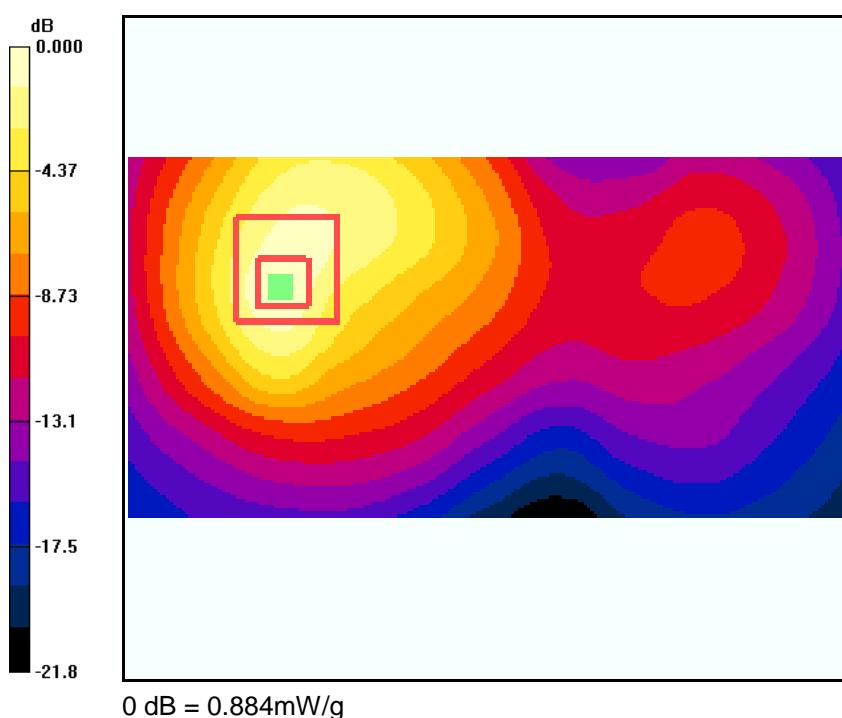
CDMA-1900 FLAT Ch25 Face Down/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.06 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.867 mW/g



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FCC S1360 PCS Flat with 15mm Air Space, Face Down Ch. 600

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

 Medium: M1900, Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.47, 4.47, 4.47), Calibrated: 5/29/2012

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

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

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 (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.06 mW/g

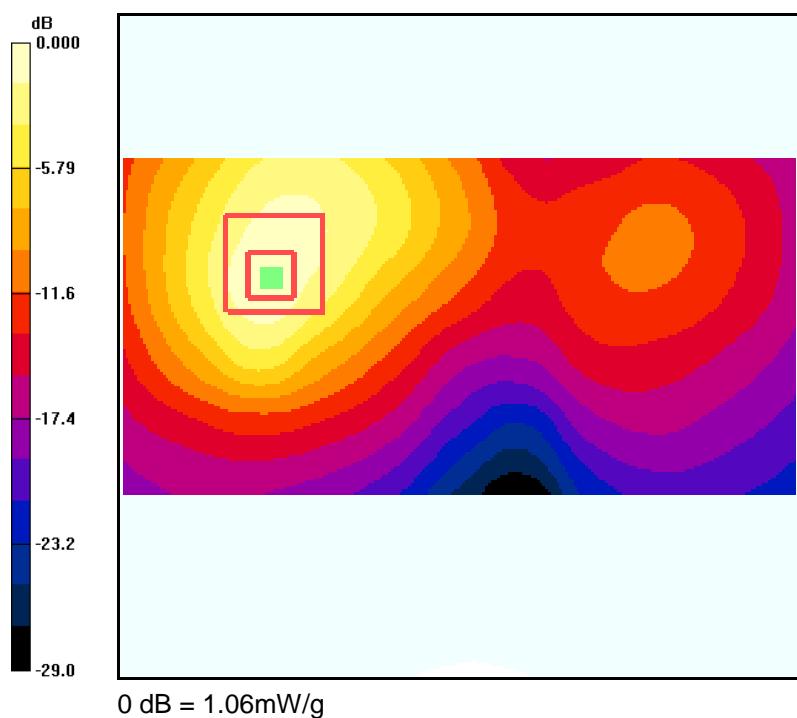
CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.02 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.63 W/kg

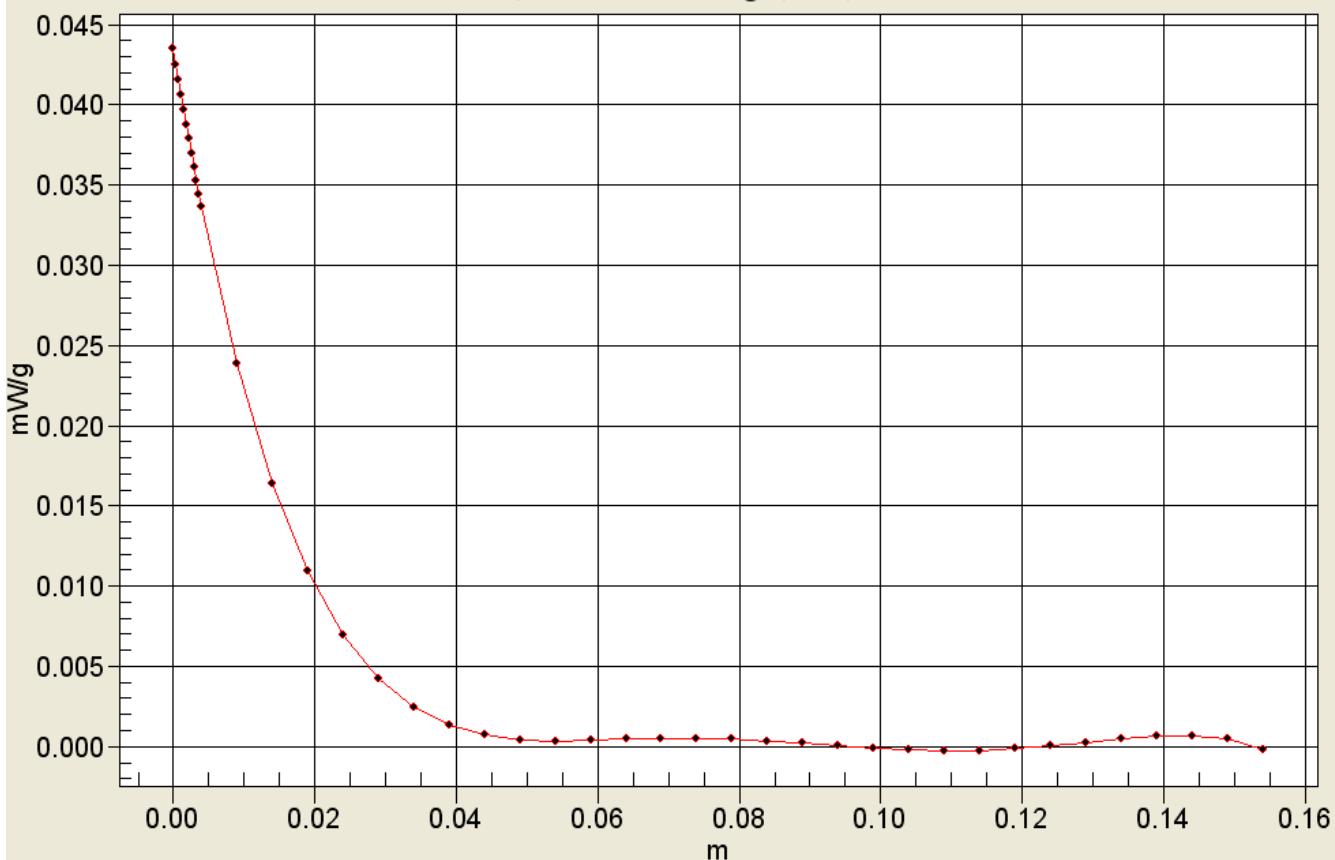
SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 1.05 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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FCC S1360 PCS Flat with 15mm Air Space, Face Down Ch. 1175

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
 Medium: M1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.47, 4.47, 4.47), Calibrated: 5/29/2012

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

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

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 (51x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.28 mW/g

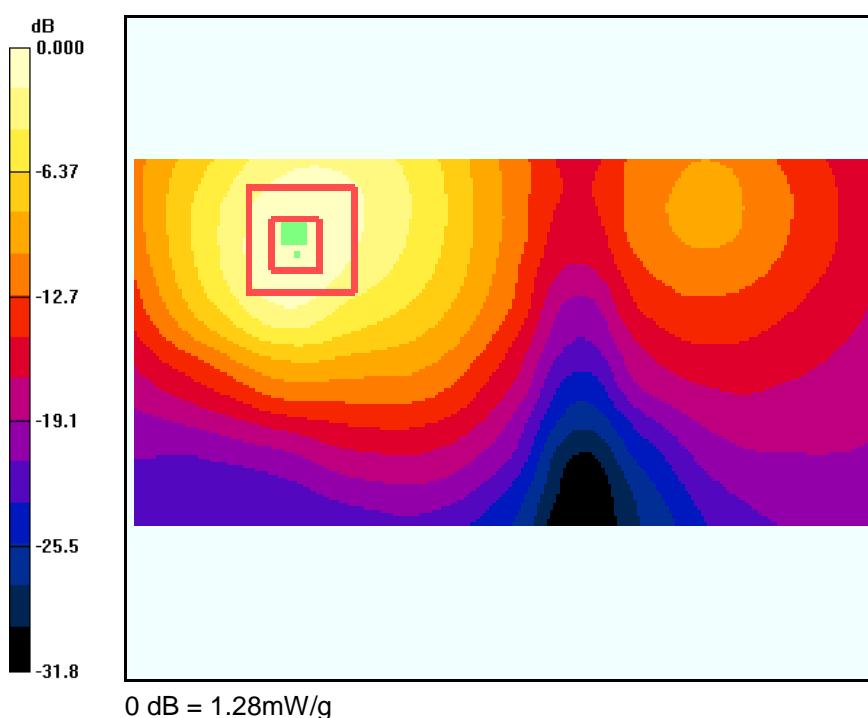
CDMA-1900 FLAT Face Down Ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.14 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.614 mW/g

Maximum value of SAR (measured) = 1.26 mW/g



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FCC S1360 PCS Flat with 15mm Air Space, Face Up Ch. 600

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

 Medium: M1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.47, 4.47, 4.47), Calibrated: 5/29/2012

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

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

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 Ch600/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.410 mW/g

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

Reference Value = 11.1 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.382 mW/g

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

Reference Value = 11.1 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.302 mW/g

