

Applicant	Kyocera
FCC ID:	V65SCP-8600
Report #:	CT-SCP-8600-9B2-0510-R0

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

CELL

Date: 5/6/2010

Test Laboratory: Comptest/Kyocera

FCC SCP-8600 CDMA-800 Flat with 22mm Air Space, 050610

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): f = 836.49 MHz; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 55.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.8, 5.8, 5.8), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 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

CDMA-800 FLAT Face-Up Ch383/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

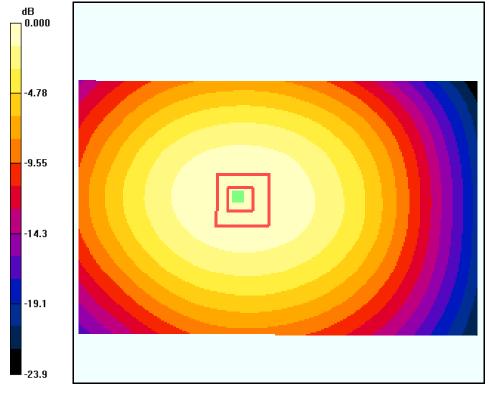
Maximum value of SAR (interpolated) = 0.553 mW/g

CDMA-800 FLAT Face-Up Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.390 mW/g Maximum value of SAR (measured) = 0.548 mW/g



0 dB = 0.548 mW/g



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Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.95 mho/m; ϵ_r = 55.3; ρ = 1000 kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.8, 5.8, 5.8), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527,Calibrated: 7/9/2009 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

CDMA-800 FLAT Face-Down Ch383 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

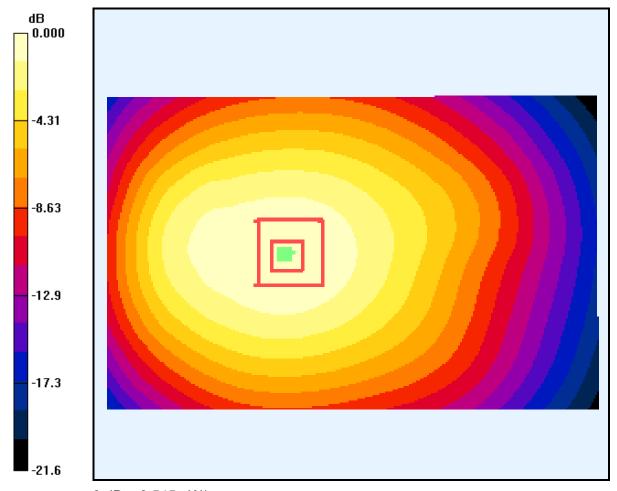
Maximum value of SAR (interpolated) = 0.545 mW/g

CDMA-800 FLAT Face-Down Ch383 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.661 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.373 mW/g Maximum value of SAR (measured) = 0.538 mW/g



0 dB = 0.545 mW/g



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PCS

Date: 5/6/2010

Test Laboratory: Comptest/Kyocera

FCC SCP-8600 CDMA-1900 Flat with 22mm Air Space, 050610

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1 Medium: M1900,Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ϵ_r = 52.3; ρ = 1000 kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.5, 4.5, 4.5), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 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

CDMA-1900 FLAT - Face Down Ch600/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

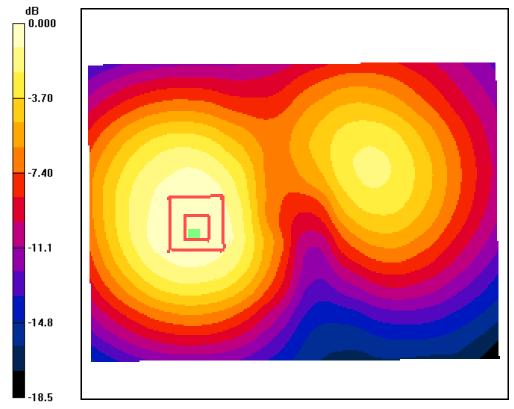
Maximum value of SAR (interpolated) = 0.514 mW/g

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

Reference Value = 6.82 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.301 mW/gMaximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499 mW/g



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FCC SCP-8600 CDMA-1900 Flat with 22mm Air Space, 050610

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

Medium: M1900, Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ϵ_r = 52.3; ρ = 1000 kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.5, 4.5, 4.5), Calibrated: 8/20/2009

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 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

CDMA-1900 FLAT - Face Up Ch600/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.345 mW/g

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

Reference Value = 8.03 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.459 W/kg

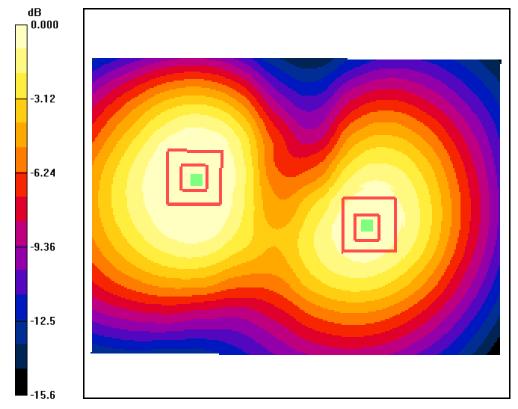
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.205 mW/g Maximum value of SAR (measured) = 0.340 mW/g

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

Reference Value = 8.03 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.176 mW/g Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287 mW/g



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WLAN

Date: 5/14/2010

Test Laboratory: Comptest/Kyocera

FCC SCP-8600 WLAN-2450 Flat with 22mm Air Space, 051410

Communication System: WLAN-2450, Frequency: 2437 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used (interpolated): f = 2437 MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.2, 4.2, 4.2), Calibrated: 6/23/2008

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 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

WLAN-2450 ch6 Face DOWN-22mm/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

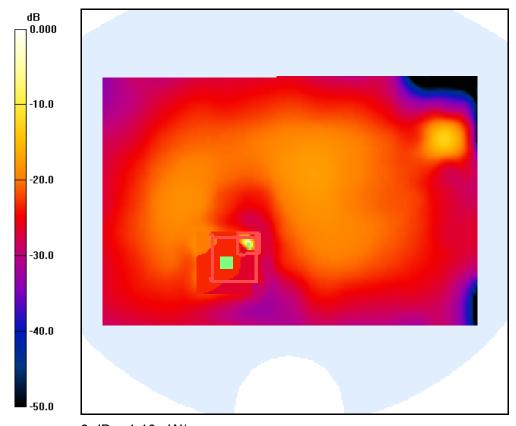
Maximum value of SAR (interpolated) = 1.10 mW/g

WLAN-2450 ch6 Face DOWN-22mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.52 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.014 mW/g Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.10 mW/g



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FCC SCP-8600 WLAN-2450 Flat with 22mm Air Space, 051410

Communication System: WLAN-2450, Frequency: 2437 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used (interpolated): f = 2437 MHz; $\sigma = 2.03 \text{ mho/m}$; $\epsilon_r = 50.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.2, 4.2, 4.2), Calibrated: 6/23/2008

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

Electronics: DAE4 Sn527, Calibrated: 7/9/2009 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

WLAN-2450 ch6 Face UP-22mm/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.019 mW/g

WLAN-2450 ch6 Face UP-22mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.27 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 1.29 W/kg

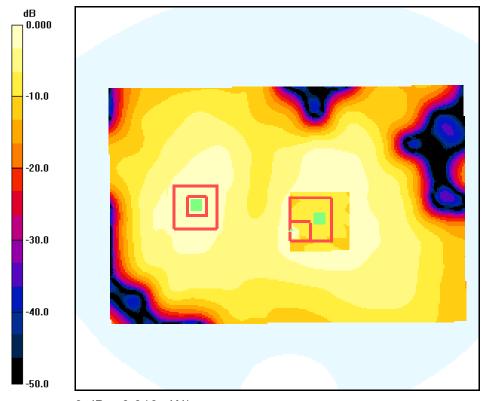
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.011 mW/g Maximum value of SAR (measured) = 1.29 mW/g

WLAN-2450 ch6 Face UP-22mm/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.27 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00725 mW/g Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.019 mW/g