



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

**EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)**

**CELL-BC 0**

Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 07/18/2012

**FCC C5156 CDMA-800 BC-0 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):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.21, 6.21, 6.21), Calibrated: 9/19/2011

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 (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 mW/g

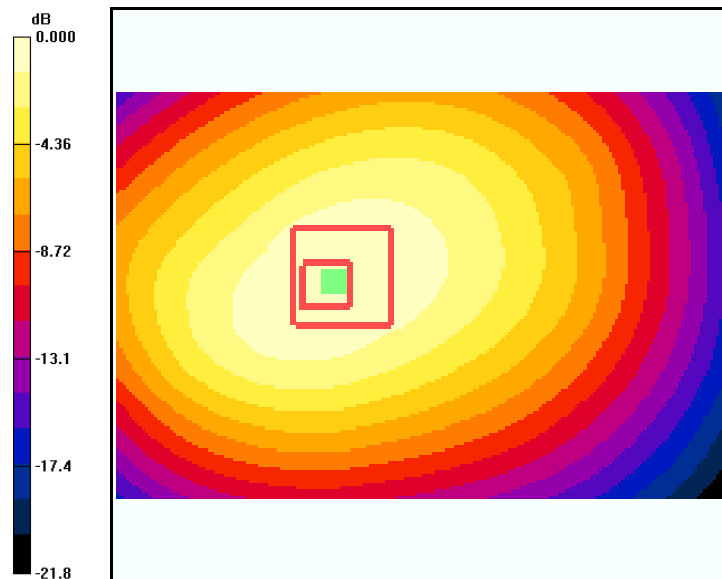
**CDMA-800 FLAT - Face Down Ch384/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.893 W/kg

**SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.505 mW/g**

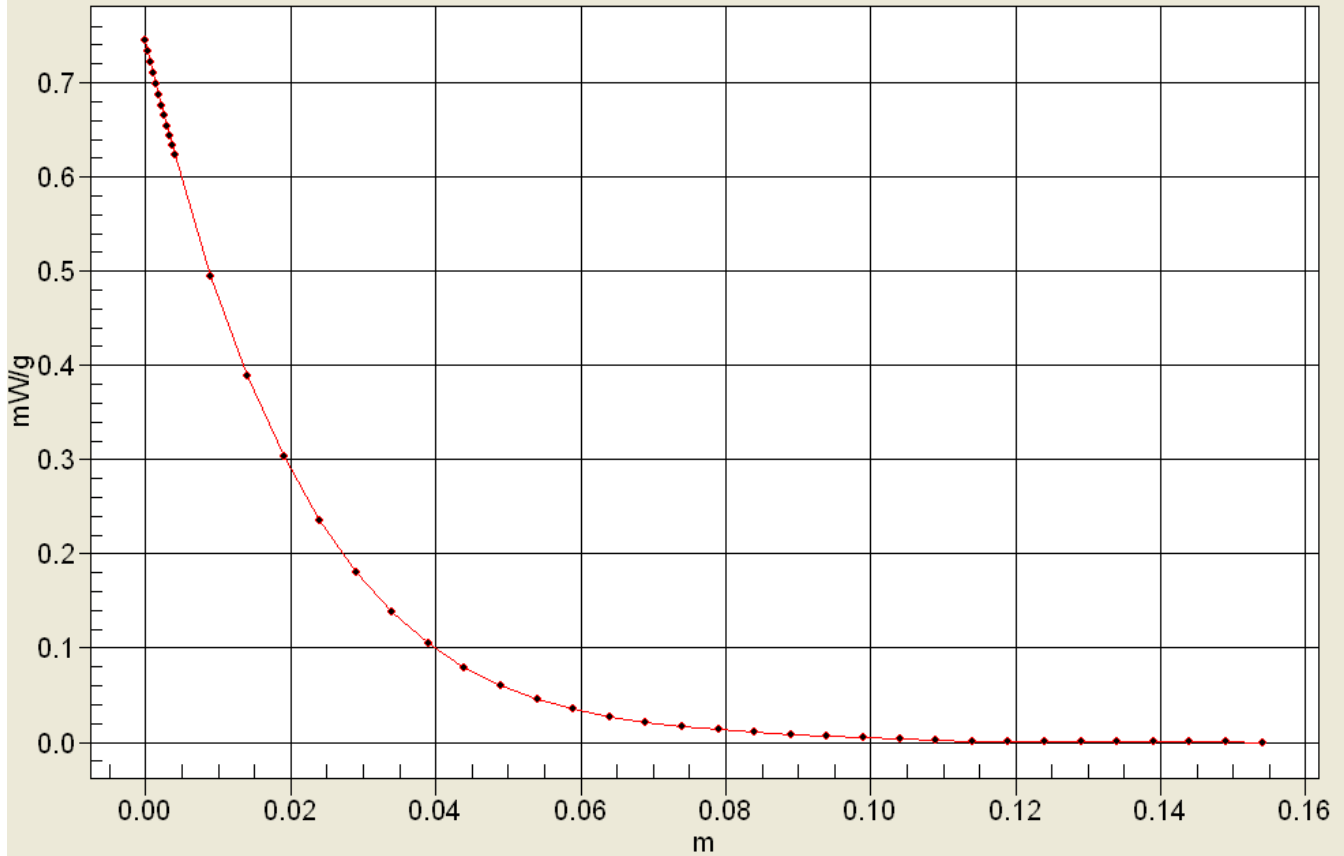
Maximum value of SAR (measured) = 0.741 mW/g





Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

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



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 07/18/2012

**FCC C5156 CDMA-800 BC-0 Flat with 15mm Air Space, Face Up Ch. 384, Closed**

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

Medium: M800, Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.21, 6.21, 6.21), Calibrated: 9/19/2011

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 Ch384 Closed/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.462 mW/g

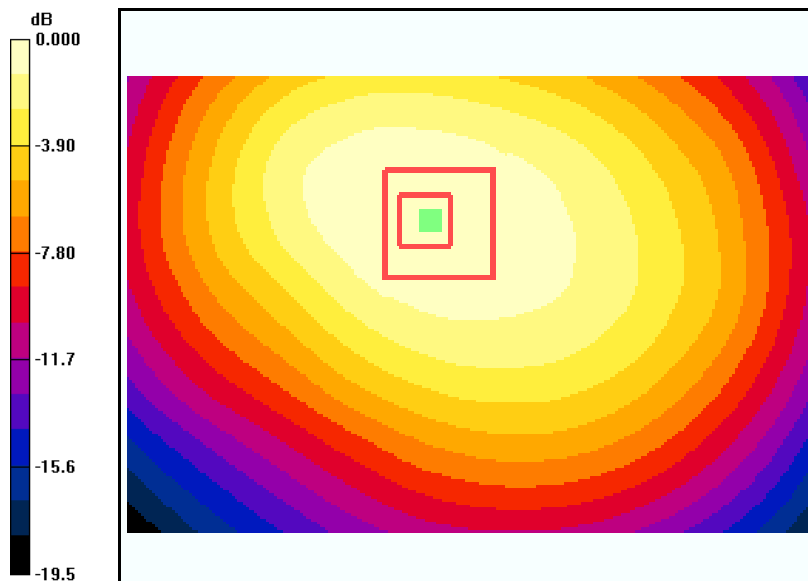
**CDMA-800 FLAT - Face Up Ch384 Closed/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.541 W/kg

**SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.329 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.462mW/g

Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 07/18/2012

**FCC C5156 CDMA-800 BC-0 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):  $f = 836.52$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.21, 6.21, 6.21), Calibrated: 9/19/2011

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 Ch384/Area Scan (81x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.743 mW/g

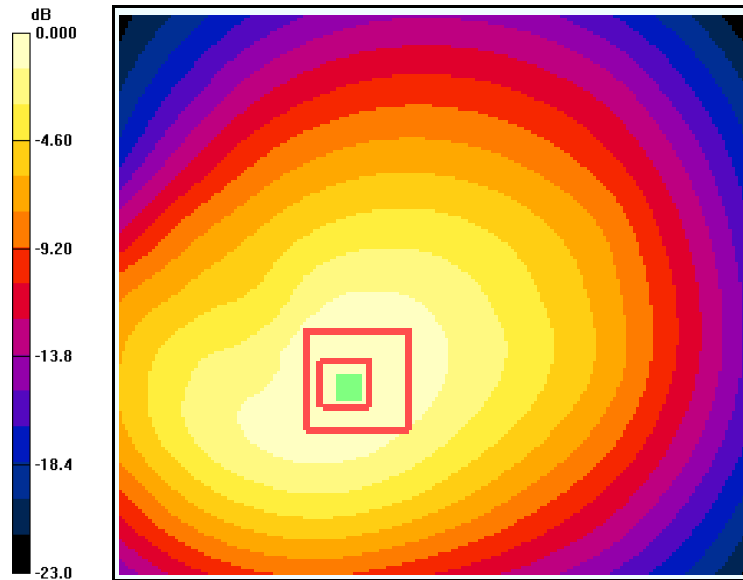
**CDMA-800 FLAT - Face Down Ch384/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.3 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.914 W/kg

**SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.494 mW/g**

Maximum value of SAR (measured) = 0.751 mW/g



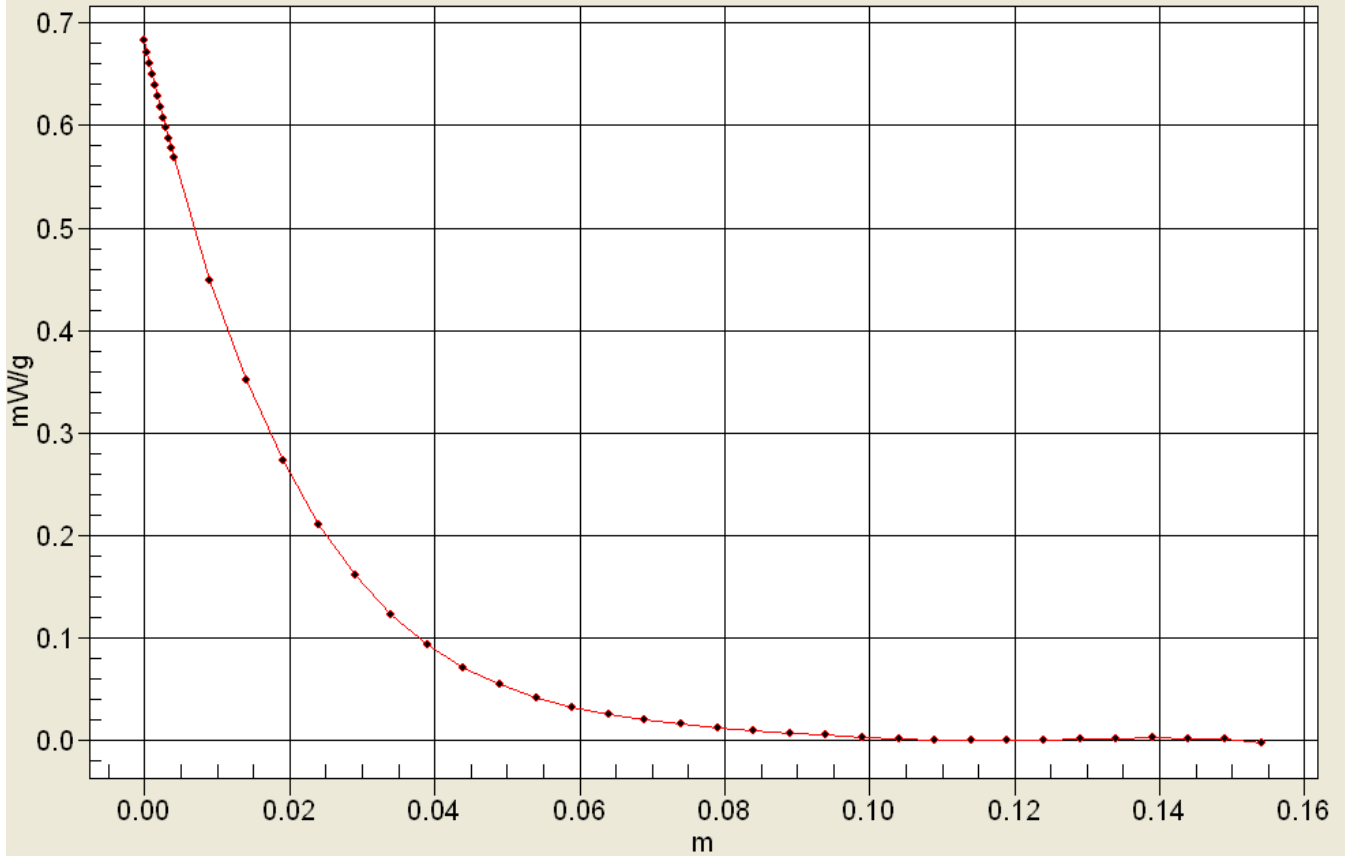
0 dB = 0.743mW/g



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

**Interpolated SAR(x,y,z,f0)**

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



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 07/18/2012

**FCC C5156 CDMA-800 BC-0 Flat with 15mm Air Space, Face Up Ch. 384, Open**

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

Medium: M800, Medium parameters used (interpolated):  $f = 836.52 \text{ MHz}$ ;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(6.21, 6.21, 6.21), Calibrated: 9/19/2011

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 Ch384/Area Scan (81x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.555 mW/g

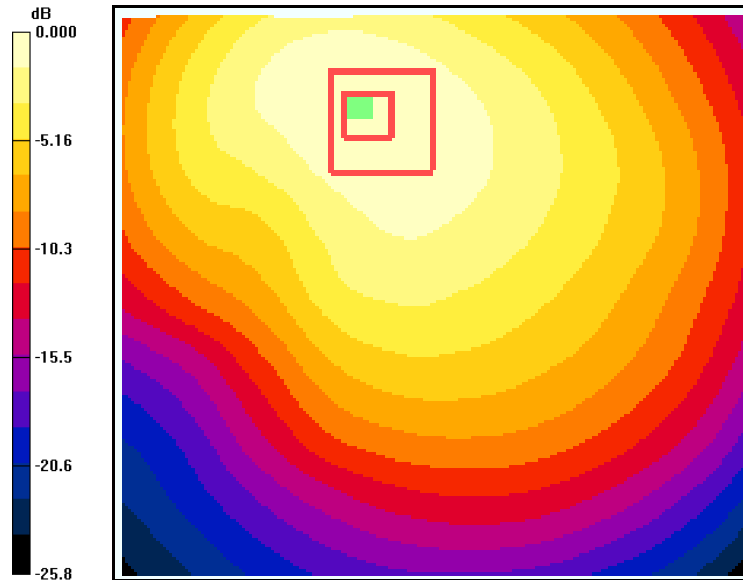
**CDMA-800 FLAT - Face Up Ch384/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.365 mW/g**

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.555mW/g



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

## PCS



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 07/17/2012

**FCC C5156 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:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(4.44, 4.44, 4.44), Calibrated: 9/19/2011

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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-1900 FLAT - Face Down Ch600/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.832 mW/g

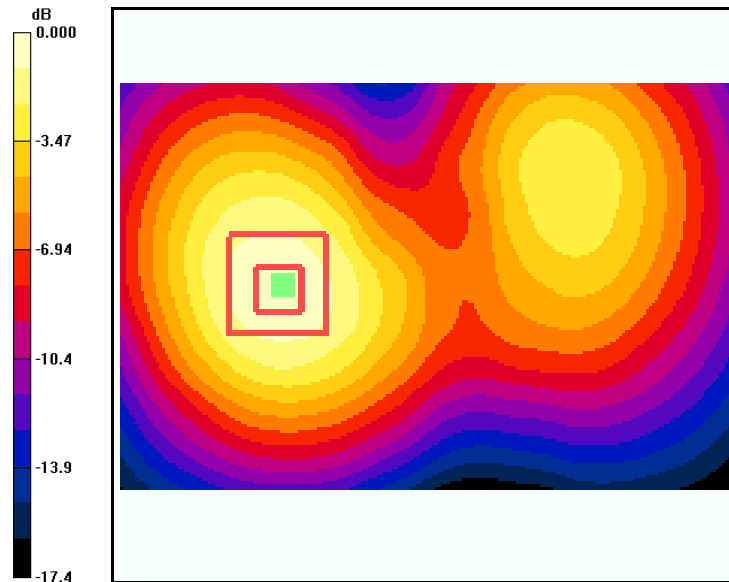
**CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 0.809 mW/g

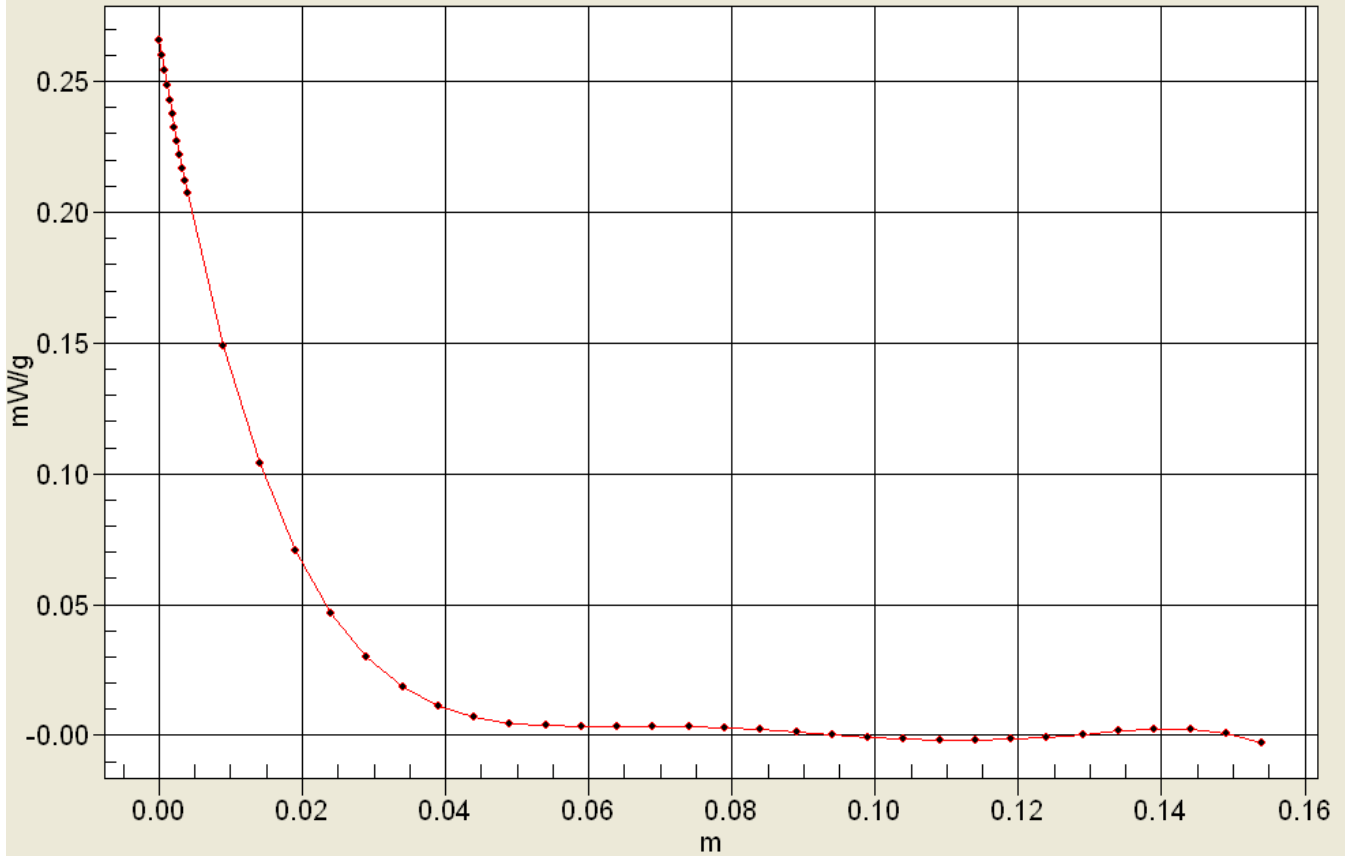


0 dB = 0.832mW/g



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

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



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 07/17/2012

**FCC C5156 PCS Flat with 15mm Air Space, Face Up Ch. 600, Closed**

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

Medium: M1800, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(4.44, 4.44, 4.44), Calibrated: 9/19/2011

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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-1900 FLAT - Face Up Ch600 Closed/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.505 mW/g

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

Reference Value = 7.18 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.139 mW/g**

Maximum value of SAR (measured) = 0.462 mW/g

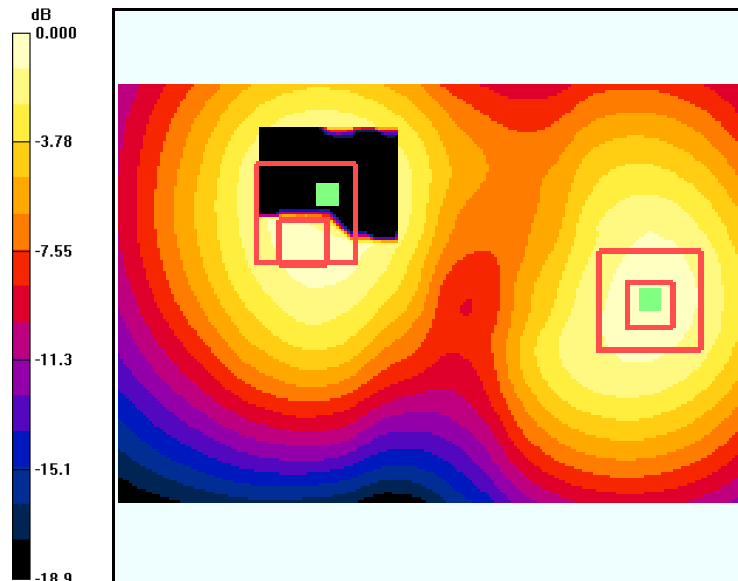
**CDMA-1900 FLAT - Face Up Ch600 Closed/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.18 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.622 W/kg

**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.275 mW/g**

Maximum value of SAR (measured) = 0.456 mW/g



0 dB = 0.505mW/g

Test Laboratory: Comptest/Kyocera

Date: 07/17/2012

Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

**FCC C5156 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:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(4.44, 4.44, 4.44), Calibrated: 9/19/2011

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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-1900 FLAT - Face Down Ch600/Area Scan (81x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.516 mW/g

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

Reference Value = 11.5 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.740 W/kg

**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.304 mW/g**

Maximum value of SAR (measured) = 0.517 mW/g

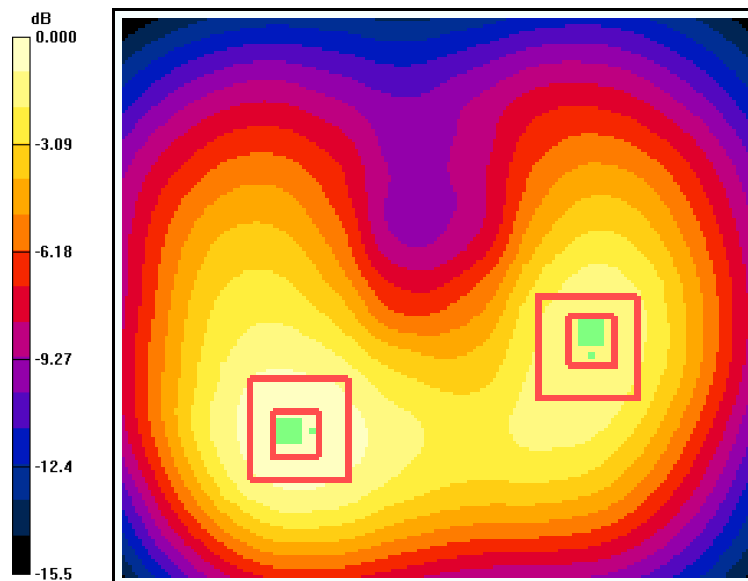
**CDMA-1900 FLAT - Face Down Ch600/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.535 W/kg

**SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.252 mW/g**

Maximum value of SAR (measured) = 0.408 mW/g

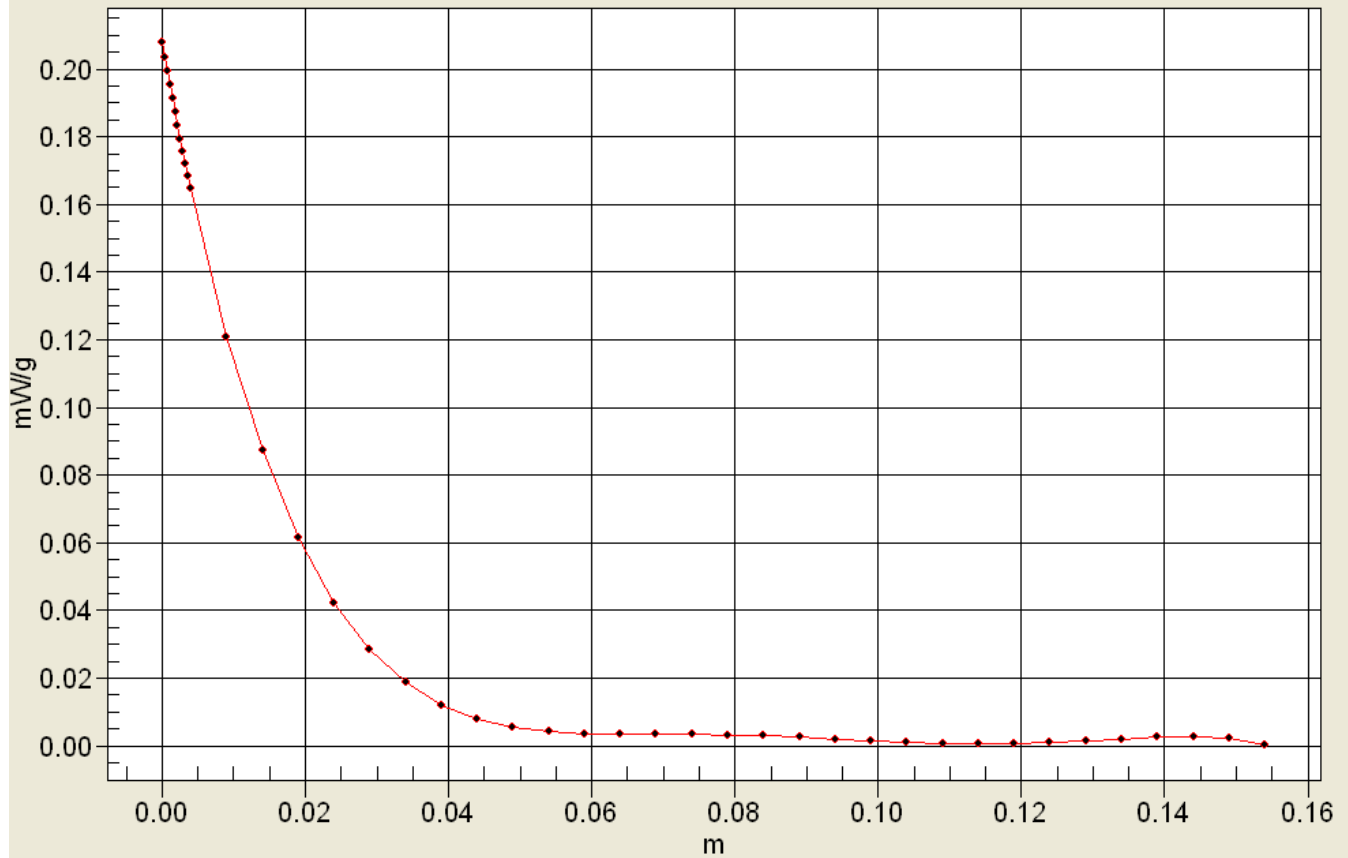


0 dB = 0.516mW/g



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

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



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 07/17/2012

**FCC C5156 PCS Flat with 15mm Air Space, Face Up Ch. 600, Open**

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

Medium: M1800, Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1618, ConvF(4.44, 4.44, 4.44), Calibrated: 9/19/2011

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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-1900 FLAT - Face Up Ch600/Area Scan (81x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.330 mW/g

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

Reference Value = 6.41 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.470 W/kg

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.333 mW/g

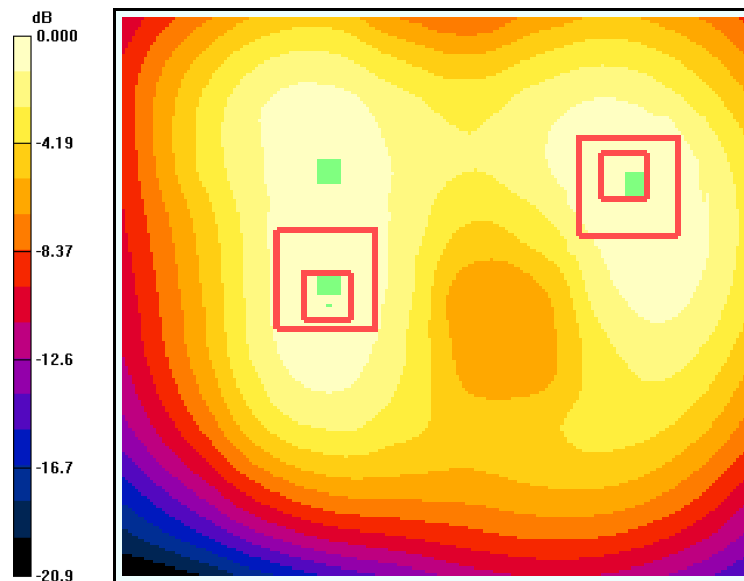
**CDMA-1900 FLAT - Face Up Ch600/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.41 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.193 mW/g**

Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.330mW/g

Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

## WIFI

Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 08/07/2012

**FCC C5156 WiFi Flat with 15mm Air Space, Face Down Ch.6, Closed**

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

Medium: M2450, Medium parameters used:  $f = 2400$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**Ch 2450 ch6 Face DOWN/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.101 mW/g

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

Reference Value = 2.20 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.209 W/kg

**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.103 mW/g

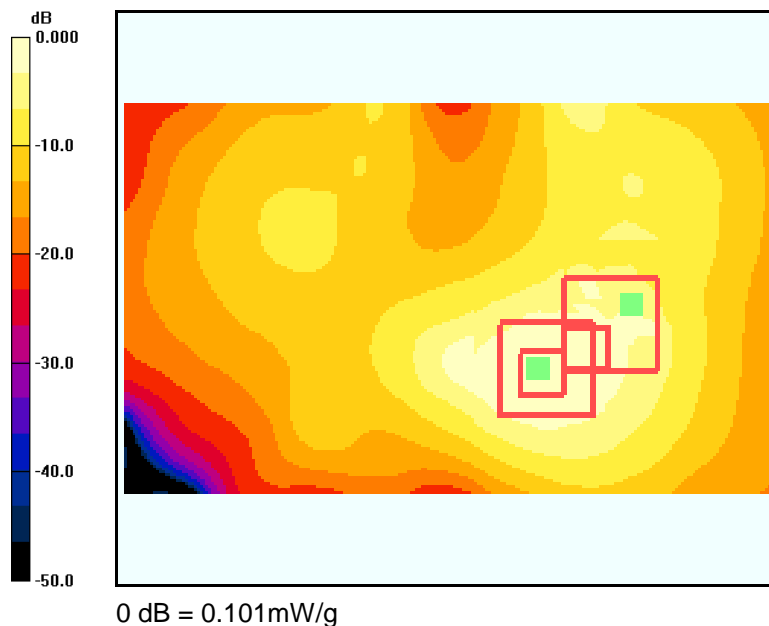
**Ch 2450 ch6 Face DOWN/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.20 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.170 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.095 mW/g



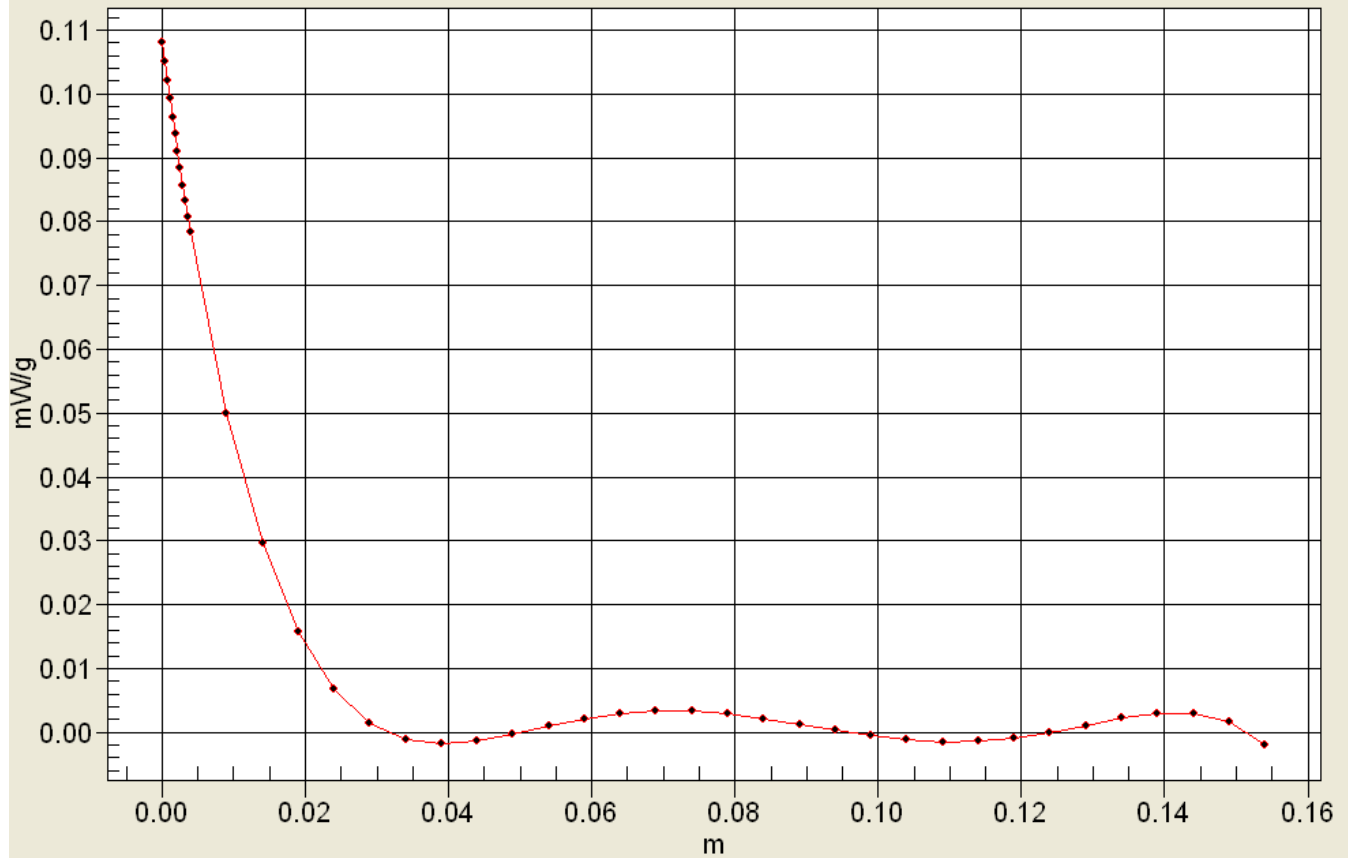




Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

### Interpolated SAR(x,y,z,f0)

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



Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 08/07/2012

**FCC C5156 WiFi Flat with 15mm Air Space, Face Up Ch.6, Closed**

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

Medium: M2450, Medium parameters used:  $f = 2400$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**Ch 2450 ch6 Face UP-/Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.001 mW/g

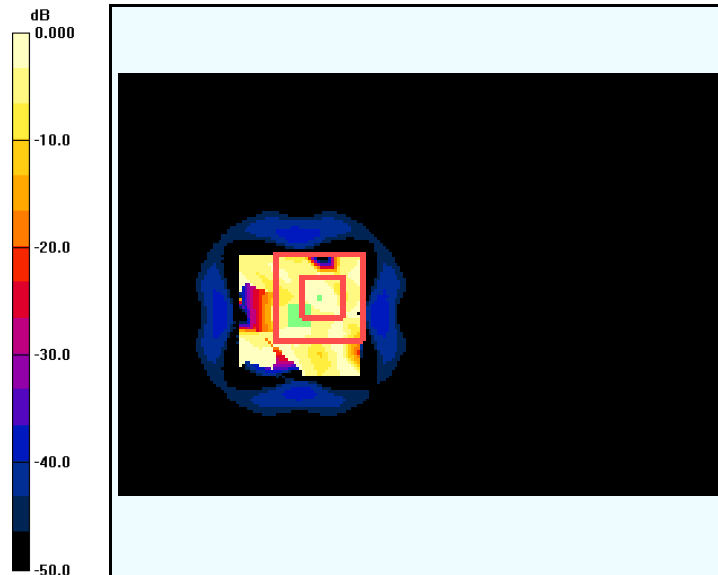
**Ch 2450 ch6 Face UP-/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.354 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00344 mW/g**

Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.001mW/g

Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

Test Laboratory: Comptest/Kyocera

Date: 08/07/2012

**FCC C5156 WiFi Flat with 15mm Air Space, Face Down Ch.6, Open**

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

Medium: M2450, Medium parameters used:  $f = 2400$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**Ch 2450 ch6 Face DOWN/Area Scan (91x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.044 mW/g

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

Reference Value = 0.960 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.086 W/kg

**SAR(1 g) = 0.00286 mW/g; SAR(10 g) = 0.000426 mW/g**

Maximum value of SAR (measured) = 0.049 mW/g

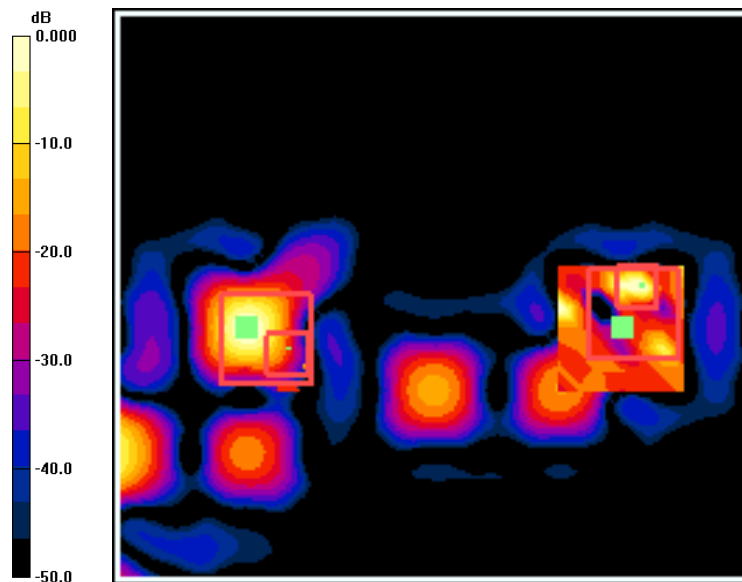
**Ch 2450 ch6 Face DOWN/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.960 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.223 W/kg

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00345 mW/g**

Maximum value of SAR (measured) = 0.132 mW/g



0 dB = 0.044mW/g

Test Laboratory: Comptest/Kyocera

Date: 08/07/2012

Applicant	Kyocera
FCC ID:	V65C5155
Report #:	CT- C5156-9B2-0712-R0

**FCC C5156 WiFi Flat with 15mm Air Space, Face Up Ch.6, Open**

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

Medium: M2450, Medium parameters used:  $f = 2400$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Flat Section

**DASY4 Configuration:**

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**Ch 2450 ch6 Face Up-/Area Scan (91x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.111 mW/g

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

Reference Value = 1.34 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.00241 mW/g; SAR(10 g) = 0.000645 mW/g**

Maximum value of SAR (measured) = 0.110 mW/g

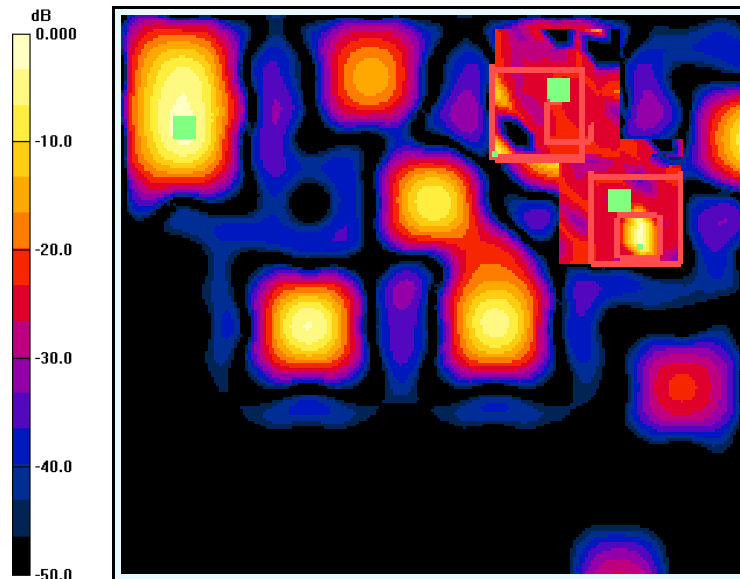
**Ch 2450 ch6 Face UP-/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.34 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00345 mW/g**

Maximum value of SAR (measured) = 0.131 mW/g



0 dB = 0.111mW/g