

Applicant	Kyocera
FCC ID:	V65E4255
Report #:	CT- E4277-9B2-0412-R0

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

CELL - BC10



Applicant	Kyocera
	V65E4255
Report #:	CT- E4277-9B2-0412-R0

FCC E4277 CDMA-800 BC-10 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 MHz; $\sigma = 0.94 \text{ mho/m}$; $\varepsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.09, 6.09, 6.09), Calibrated: 2/22/2012

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 de €

CDMA-800 Ch476 FLAT - Face Down/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.701 mW/g

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

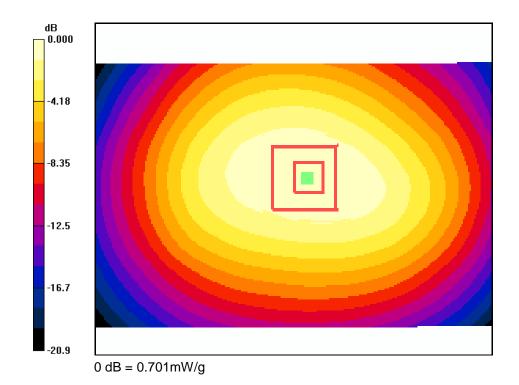
dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.838 W/kg

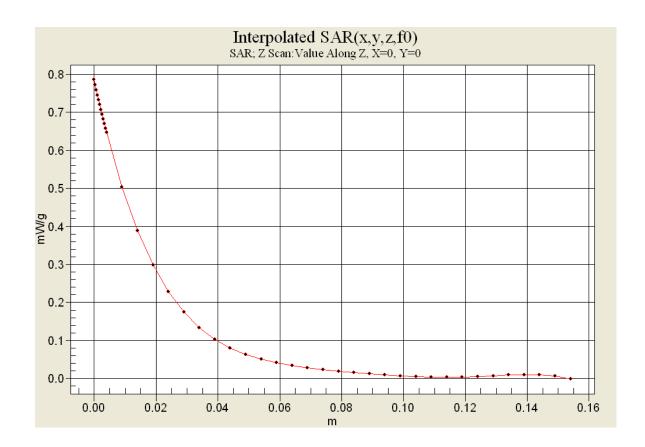
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.688 mW/g





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FCC E4277 CDMA-800 BC-10 Flat with 15mm Air Space, Face-Up 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 MHz; $\sigma = 0.94 \text{ mho/m}$; $\varepsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.09, 6.09, 6.09), Calibrated: 2/22/2012

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 Ch476 FLAT - Face Up/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

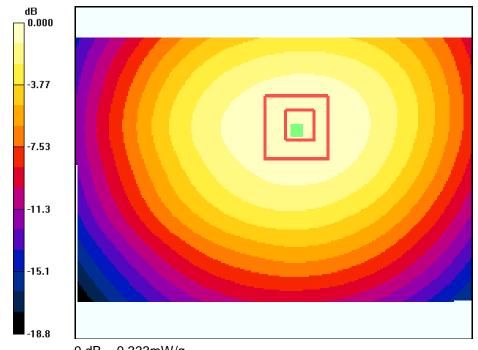
CDMA-800 Ch476 FLAT - Face Up/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.238 mW/g

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





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Report #:	CT- E4277-9B2-0412-R0

FCC E4277 CDMA-800 BC-10 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; $\sigma = 0.94 \text{ mho/m}$; $\varepsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.09, 6.09, 6.09), Calibrated: 2/22/2012

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 Ch476 FLAT - Face Down/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.854 mW/g

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

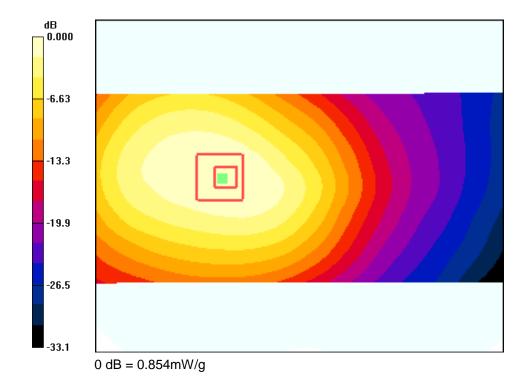
dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 1.02 W/kg

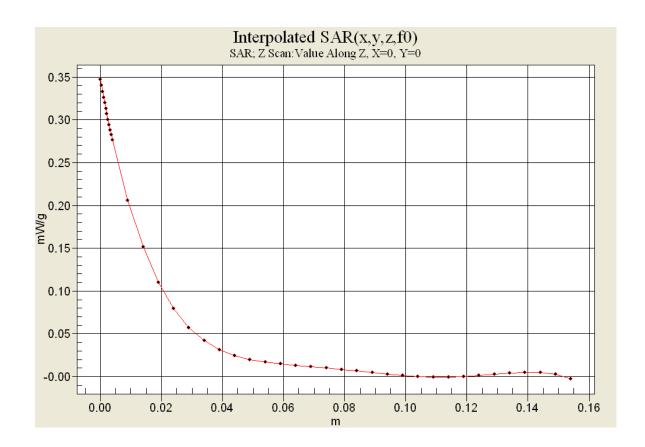
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.569 mW/g

Maximum value of SAR (measured) = 0.836 mW/g





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CELL - BC0



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FCC E4277 CDMA-800 BC-0 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; $\sigma = 0.94 \text{ mho/m}$; $\varepsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.09, 6.09, 6.09), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn602, Calibrated: 9/16/2011 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-800 Ch1013 FLAT - Face Down/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.682 mW/g

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

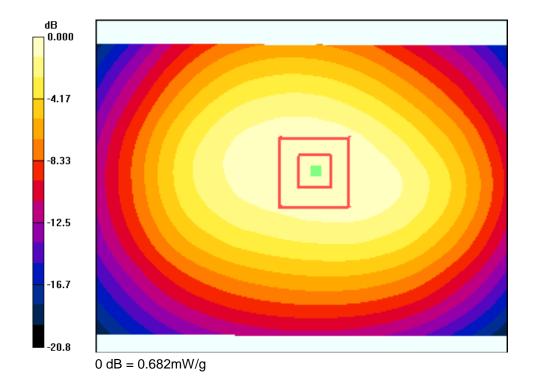
dz=5mm

Reference Value = 26.9 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.826 W/kg

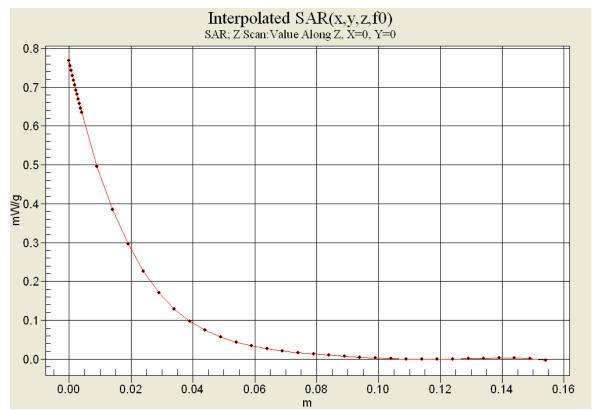
SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.679 mW/g





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FCC E4277 CDMA-800 BC-0 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; $\sigma = 0.94 \text{ mho/m}$; $\varepsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.09, 6.09, 6.09), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn602, Calibrated: 9/16/2011 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-800 Ch1013 FLAT - Face Up/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 mW/g

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

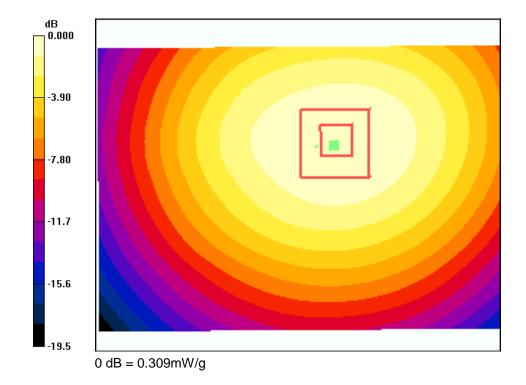
dz=5mm

Reference Value = 17.0 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.310 mW/g





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FCC E4277 CDMA-800 BC-0 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; $\sigma = 0.94 \text{ mho/m}$; $\varepsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.09, 6.09, 6.09), Calibrated: 2/22/2012

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

Electronics: DAE4 Sn602, Calibrated: 9/16/2011 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-800 Ch1013 FLAT - Face Down/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.851 mW/g

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

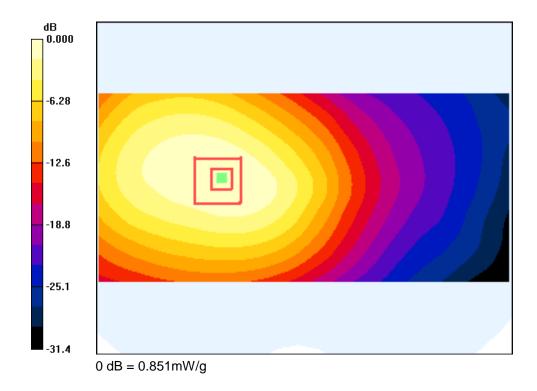
dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 1.02 W/kg

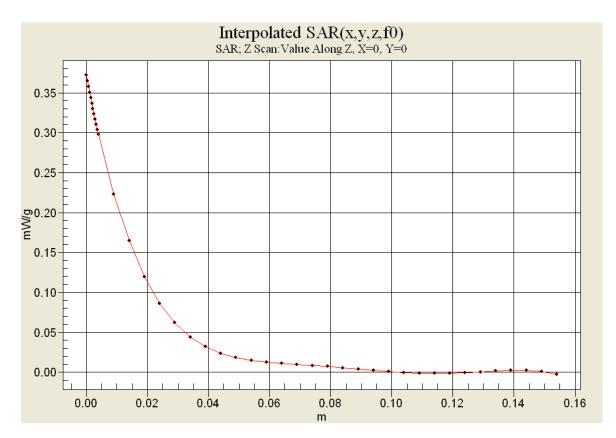
SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 0.831 mW/g





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PCS



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FCC E4277 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; $\sigma = 1.5$ mho/m; $\varepsilon_r = 51.6$; $\rho = 1000$

kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.57, 4.57, 4.57), Calibrated: 5/11/2011

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 \square 1 deg C, Liquid T **22.0** \square 1 deg C

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

Maximum value of SAR (interpolated) = 0.716 mW/g

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

dz=5mm

Reference Value = 16.6 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.397 mW/g Maximum value of SAR (measured) = 0.700 mW/g

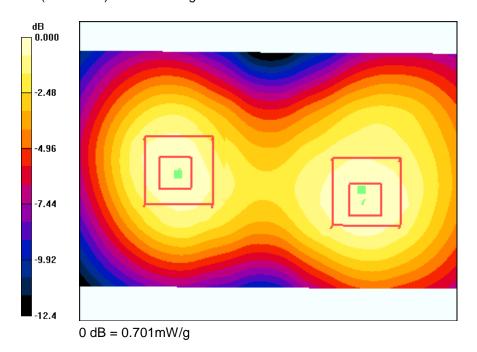
CDMA-1900 FLAT Ch1175 Face DOWN/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.974 W/kg

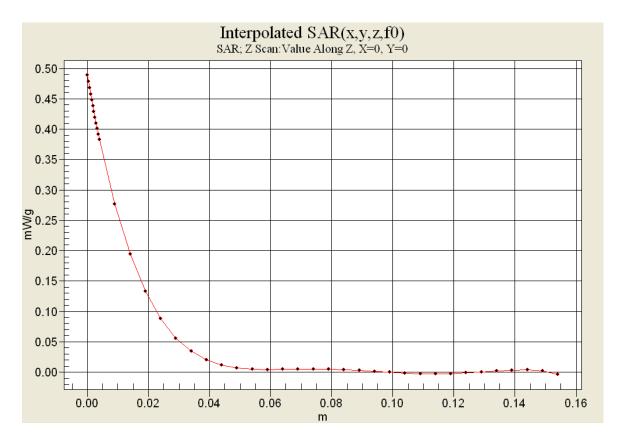
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.701 mW/g





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FCC E4277 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; $\sigma = 1.5$ mho/m; $\varepsilon_r = 51.6$; $\rho = 1000$

kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.57, 4.57, 4.57), Calibrated: 5/11/2011

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 \square 1 deg C, Liquid T **22.0** \square 1 deg C

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

Maximum value of SAR (interpolated) = 0.374 mW/g

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

dz=5mm

Reference Value = 7.62 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.213 mW/g Maximum value of SAR (measured) = 0.374 mW/g

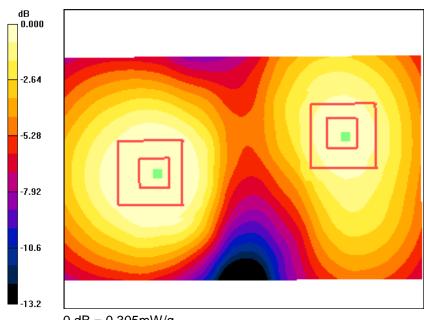
CDMA-1900 FLAT Ch1175 Face UP/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.62 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.179 mW/g

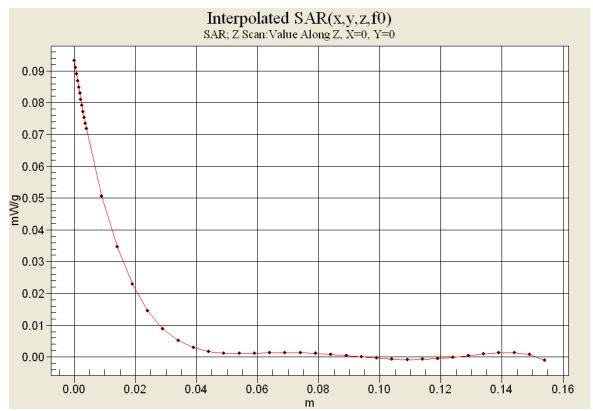
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305 mW/g



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FCC E4277 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; $\sigma = 1.5$ mho/m; $\varepsilon_r = 51.6$; $\rho = 1000$

kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.57, 4.57, 4.57), Calibrated: 5/11/2011

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 \square 1 deg C, Liquid T **22.0** \square 1 deg C

CDMA-1900 FLAT Ch1175 Face DOWN/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.810 mW/g

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

dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.495 mW/gMaximum value of SAR (measured) = 0.817 mW/g

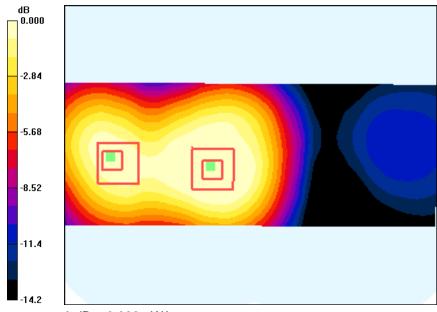
CDMA-1900 FLAT Ch1175 Face DOWN/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.356 mW/g

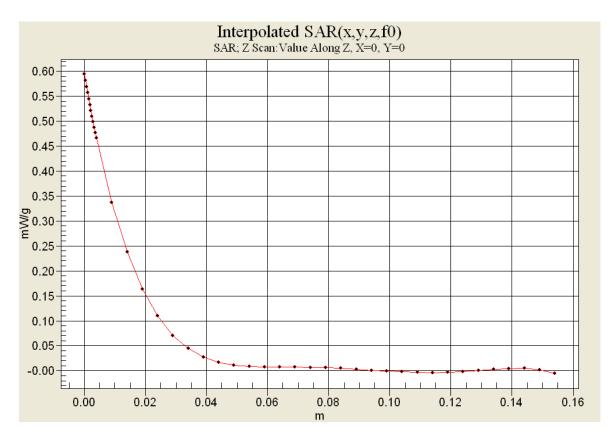
Maximum value of SAR (measured) = 0.622 mW/g



0 dB = 0.622 mW/g



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Bluetooth



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Report #:	CT- E4277-9B2-0412-R0

FCC E4277 Bluetooth Flat with 15mm Air Space, Face Down Ch. 0, Closed

Communication System: Bluetooth, Frequency: 2402 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used: f = 2400 MHz; $\sigma = 1.96 \text{ mho/m}$; $\varepsilon_r = 50.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.16, 4.16, 4.16), Calibrated: 9/19/2011

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

Electronics: DAE4 Sn530, Calibrated: 5/5/2011 Measurement SW: DASY4, V4.7 Build 80 Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:Room T = 21.8 \square 1 deg C, Liquid T **22.0** \square 1 deg C

BT-2450 Ch0 FLAT -Face DOWN/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.489 mW/g

BT-2450 Ch0 FLAT -Face DOWN/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.603 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.00947 mW/g

Maximum value of SAR (measured) = 0.560 mW/g

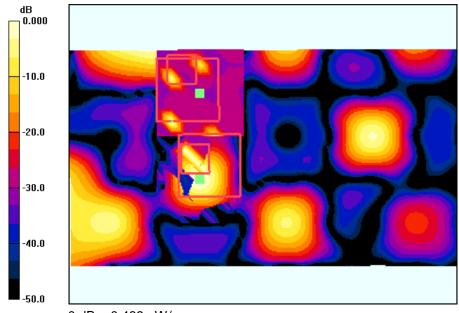
BT-2450 Ch0 FLAT -Face DOWN/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.603 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00394 mW/g

Maximum value of SAR (measured) = 0.529 mW/g



0 dB = 0.489 mW/g



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FCC E4277 Bluetooth Flat with 15mm Air Space, Face Up Ch. 0, Closed

Communication System: Bluetooth, Frequency: 2402 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used: f = 2400 MHz; $\sigma = 1.96 \text{ mho/m}$; $\varepsilon_r = 50.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.16, 4.16, 4.16), Calibrated: 9/19/2011

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

Electronics: DAE4 Sn530, 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

BT-2450 Ch0 FLAT -Face UP/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.644 mW/g

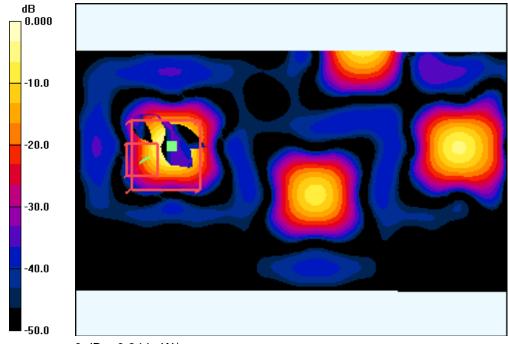
BT-2450 Ch0 FLAT -Face UP/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.525 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.756 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00462 mW/g

Maximum value of SAR (measured) = 0.756 mW/g



0 dB = 0.644 mW/g



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FCC E4277 Bluetooth Flat with 15mm Air Space, Face Up Ch. 0, Open

Communication System: Bluetooth, Frequency: 2402 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used: f = 2400 MHz; $\sigma = 1.96 \text{ mho/m}$; $\varepsilon_r = 50.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.16, 4.16, 4.16), Calibrated: 9/19/2011

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

Electronics: DAE4 Sn530, 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 **2**2.0 1 deg C

Open BT-2450 Ch0 FLAT -Face Down/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.570 mW/g

Open BT-2450 Ch0 FLAT -Face Down/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,

dz=5mm

Reference Value = 0.525 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.901 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.046 mW/g

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

