APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**		**2(90)**
Author Data **Andrew Becker**	Dates of Test **February 02– March 18, 2010**	Test Report No **RTS-2337-1003-18** FCC ID: **L6ARCY70UW**	IC ID **2503A-RCY70UW**

Date/Time: 04/02/2010 7:47:45 PM

Test Laboratory: RIM TESTING SERVICES
File Name: LeftHandSide_EDGE850_mid_chan_Amb_Tem_23.4_Liq_Tem_21.2_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.354 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
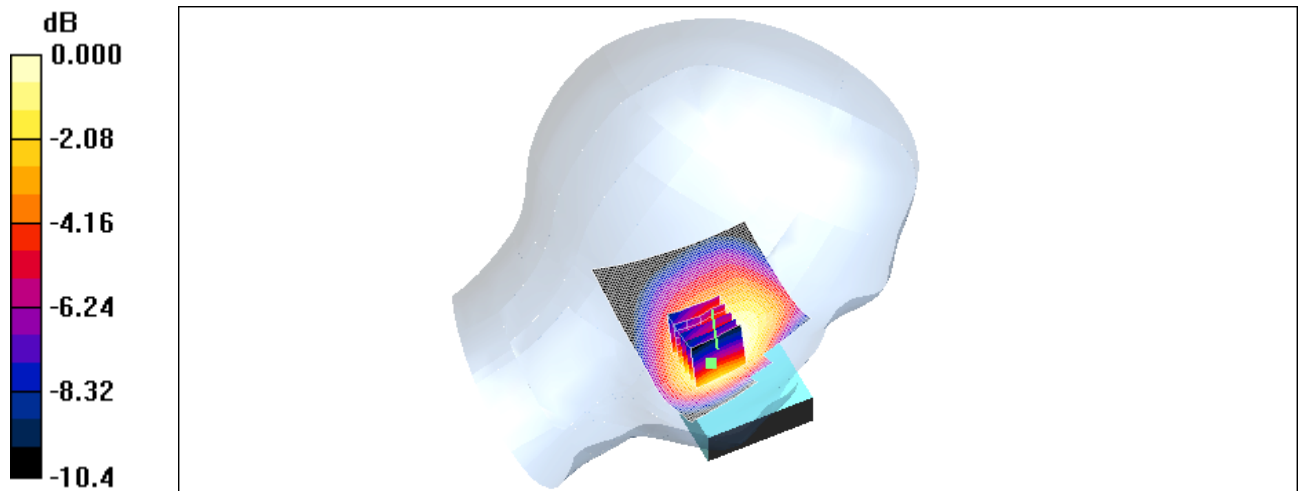Reference Value = 8.78 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.241 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.343 mW/g

0 dB = 0.343mW/g

Date/Time: 04/02/2010 8:53:24 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_EDGE850_Slide_Open_mid_chan_Amb_Tem_23.4_Liq_Tem_21.2_C.da
4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.372 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.83 V/m; Power Drift = -0.319 dB
Peak SAR (extrapolated) = 0.417 W/kg
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.257 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.354 mW/g

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.354mW/g

Date/Time: 04/02/2010 9:46:41 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_Tilt_EDGE850_Slide_Open_mid_chan_Amb_Tem_23.4_Liq_Tem_21.2_
C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.274 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
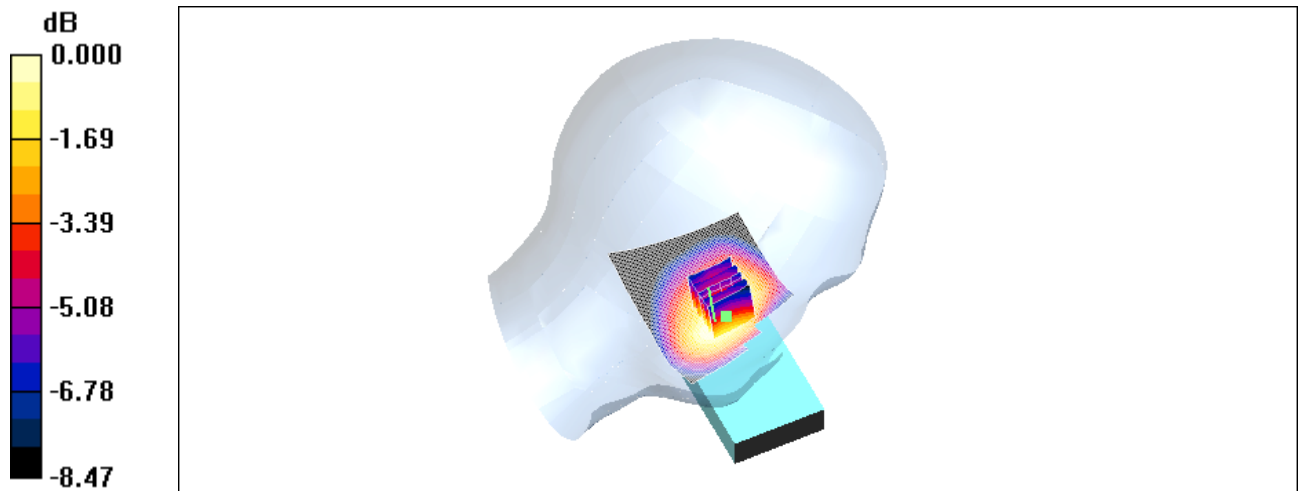Reference Value = 15.3 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.144 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.224 mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.224mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**8(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 04/02/2010 9:23:36 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_GSM850_Slide_Open_mid_chan_Amb_Tem_23.4_Liq_Tem_21.2_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: GSM 850; Frequency: 836.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.285 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
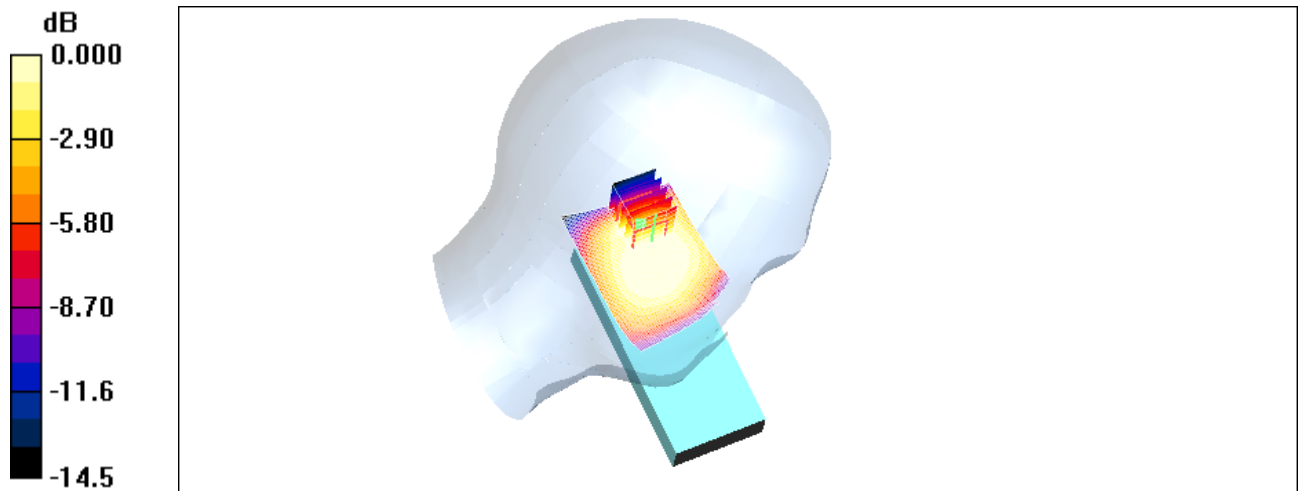Reference Value = 7.87 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.205 mW/g

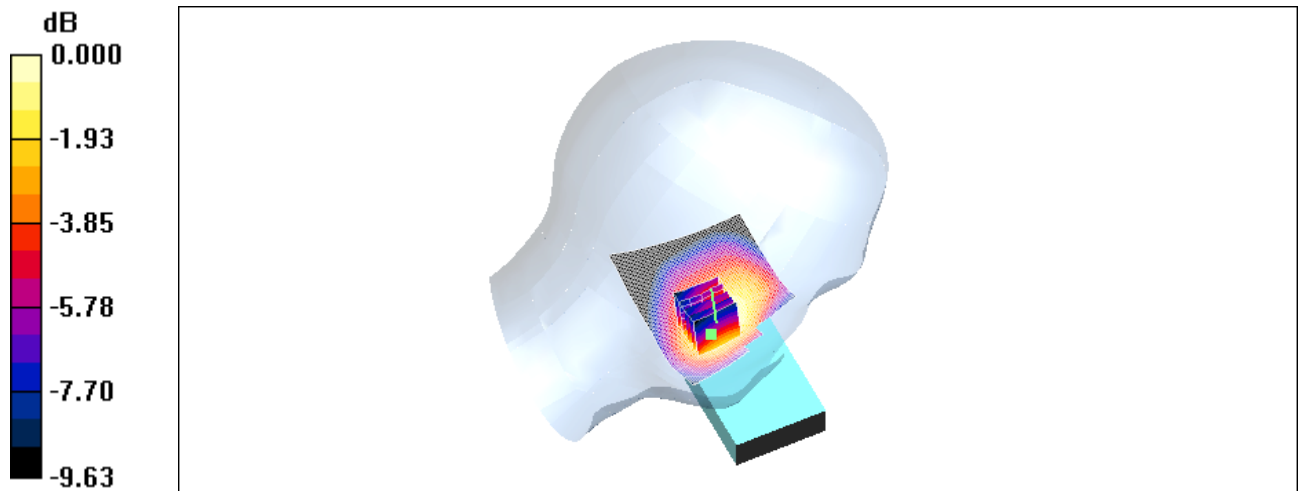Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.295 mW/g

0 dB = 0.295mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**10(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 04/02/2010 10:10:55 PM

Test Laboratory: RIM TESTING SERVICES
File Name: RightHandSide_EDGE850_mid_chan_Amb_Tem_23.3_Liq_Tem_21.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.869$ mho/m; $\varepsilon_r = 40.4$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.424 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.95 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.482 W/kg
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.292 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.406 mW/g

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Author Data **Andrew Becker**	Dates of Test **February 02– March 18, 2010**	Test Report No **RTS-2337-1003-18**	FCC ID: **L6ARCY70UW**	IC ID **2503A-RCY70UW**

0 dB = 0.406mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**12(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 04/02/2010 10:30:19 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_EDGE850_Slide_Open_mid_chan_Amb_Tem_23.3_Liq_Tem_21.1C.da
4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.869$ mho/m; $\varepsilon_r = 40.4$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.425 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
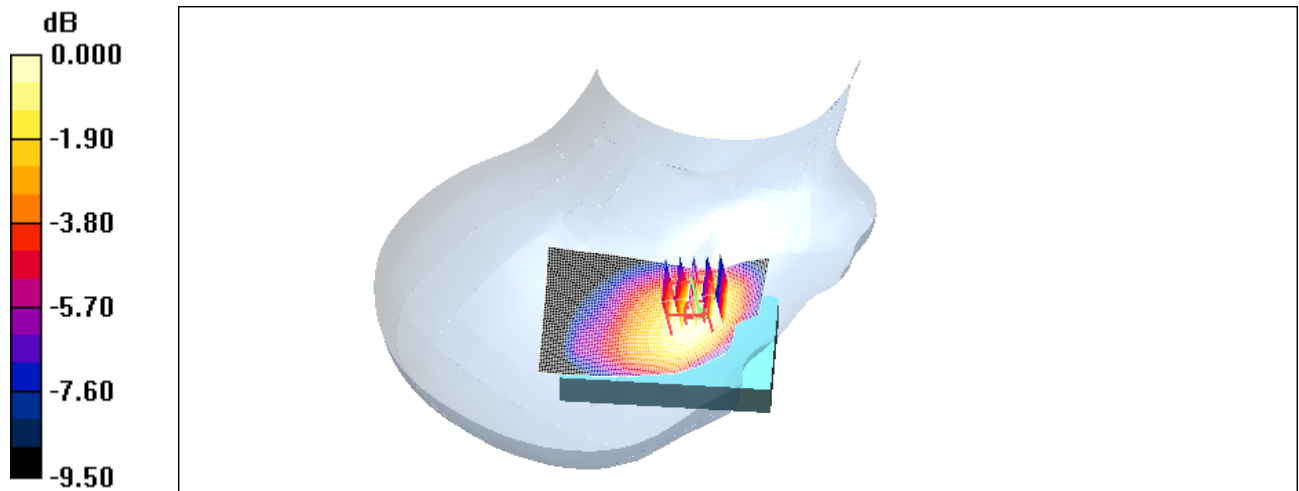Reference Value = 9.70 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.300 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
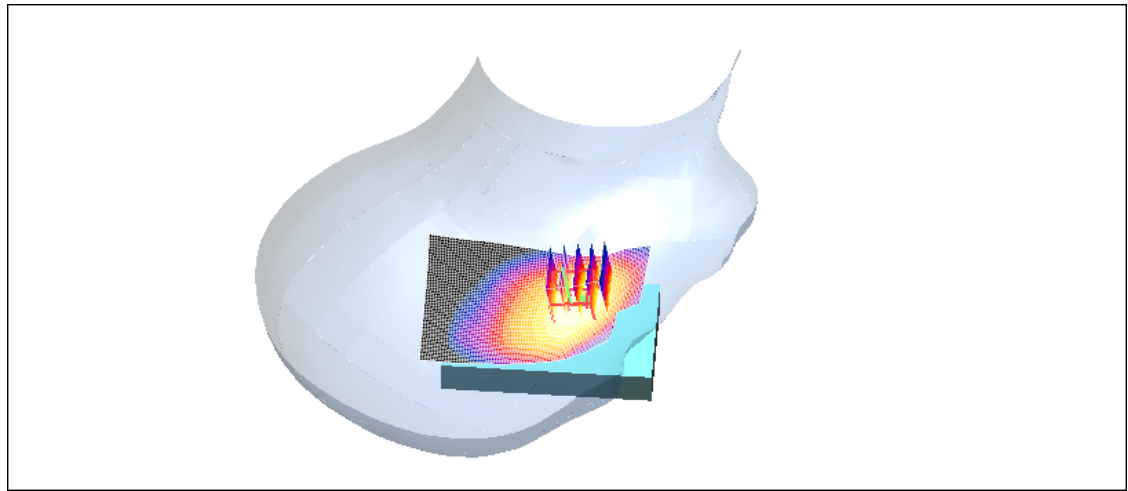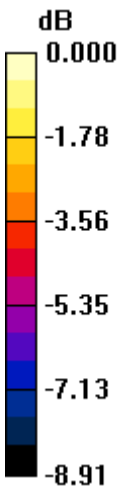
Maximum value of SAR (measured) = 0.415 mW/g

0 dB = 0.415mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**14(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 04/02/2010 10:55:02 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_Tilt_EDGE850_Slider_Open_mid_chan_Amb_Tem_23.3_Liq_Tem_21.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.241 mW/g

Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.8 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.176 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.239 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**15(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.239mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**16(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 04/02/2010 11:19:47 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_GSM850_Slide_Open_mid_chan_Amb_Tem_23.5_Liq_Tem_21.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: GSM 850; Frequency: 836.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.287 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.42 V/m; Power Drift = 0.185 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.216 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
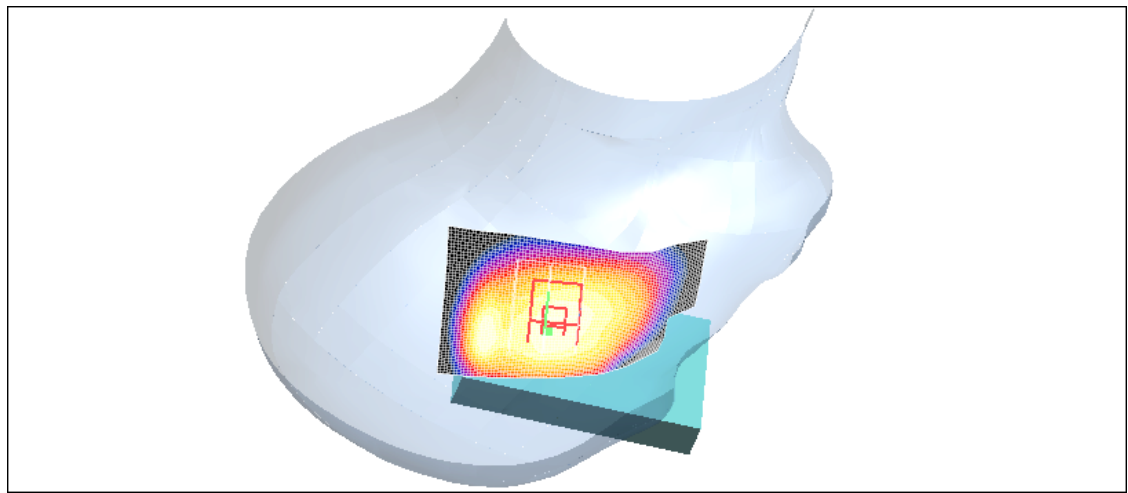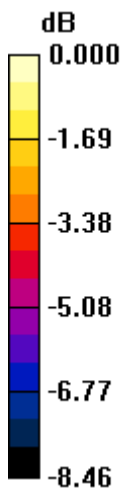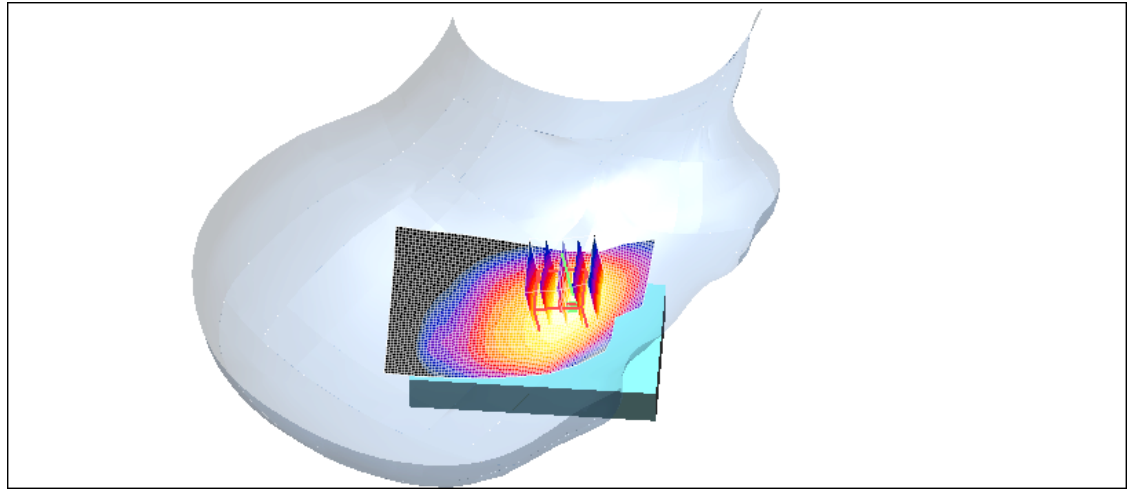Maximum value of SAR (measured) = 0.305 mW/g

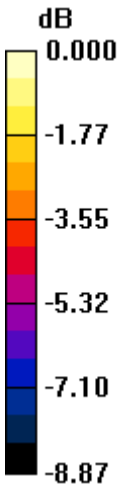| Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.305mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**18(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 2/5/2010 12:25:20 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_UMTS_band_V_mid_chan_Amb_Tem_23.1_Liq_Tem_21.3_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/3/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.238 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
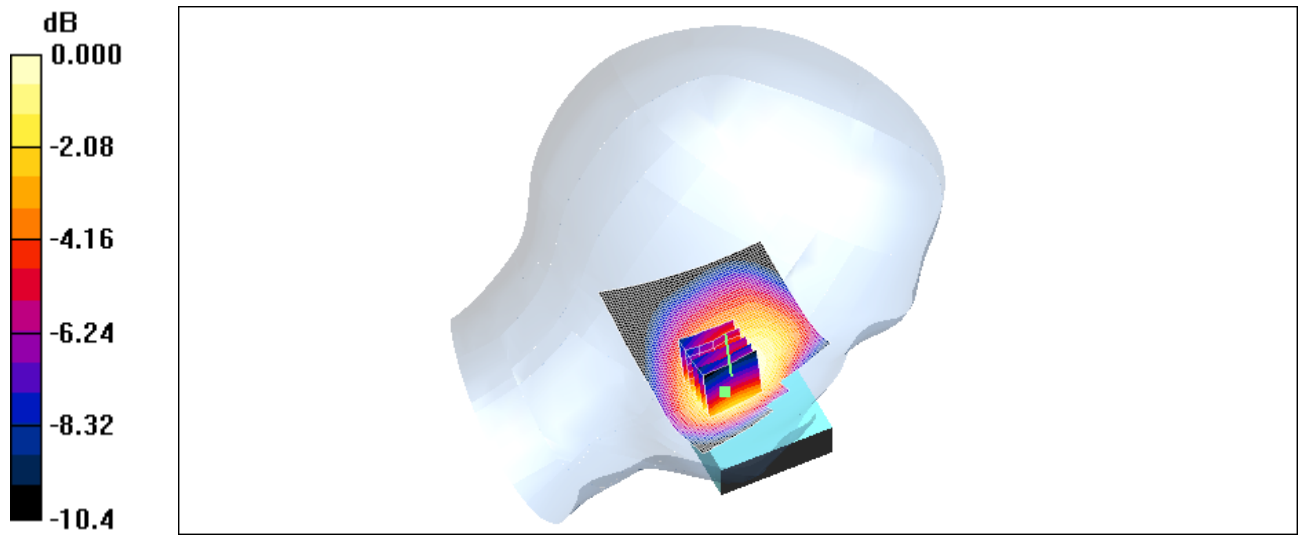Reference Value = 6.84 V/m; Power Drift = -0.217 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.166 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.237 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**19(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.237mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 05/02/2010 12:41:25 PM

Test Laboratory: RIM TESTING SERVICES

LeftHandSide_UMTS_band_V_Silde_Open_mid_chan_Amb_Tem_23.1_Liq_Tem_21.3_C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.209 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
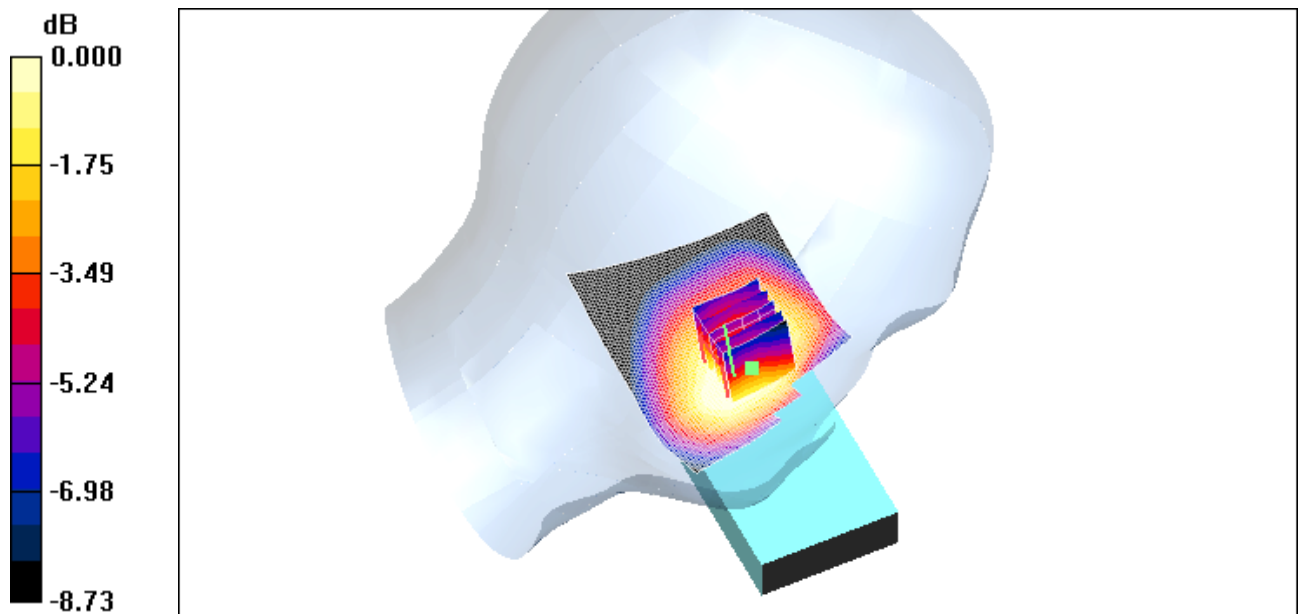Reference Value = 6.61 V/m; Power Drift = -0.569 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.132 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.181 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**21(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.181mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**22(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 05/02/2010 4:12:48 PM

Test Laboratory: RIM TESTING SERVICES

LeftHandSide_Tilt_UMTS_band_V_mid_chan_Amb_Tem_23.0_Liq_Tem _21.5_C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.233 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.303 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.181 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
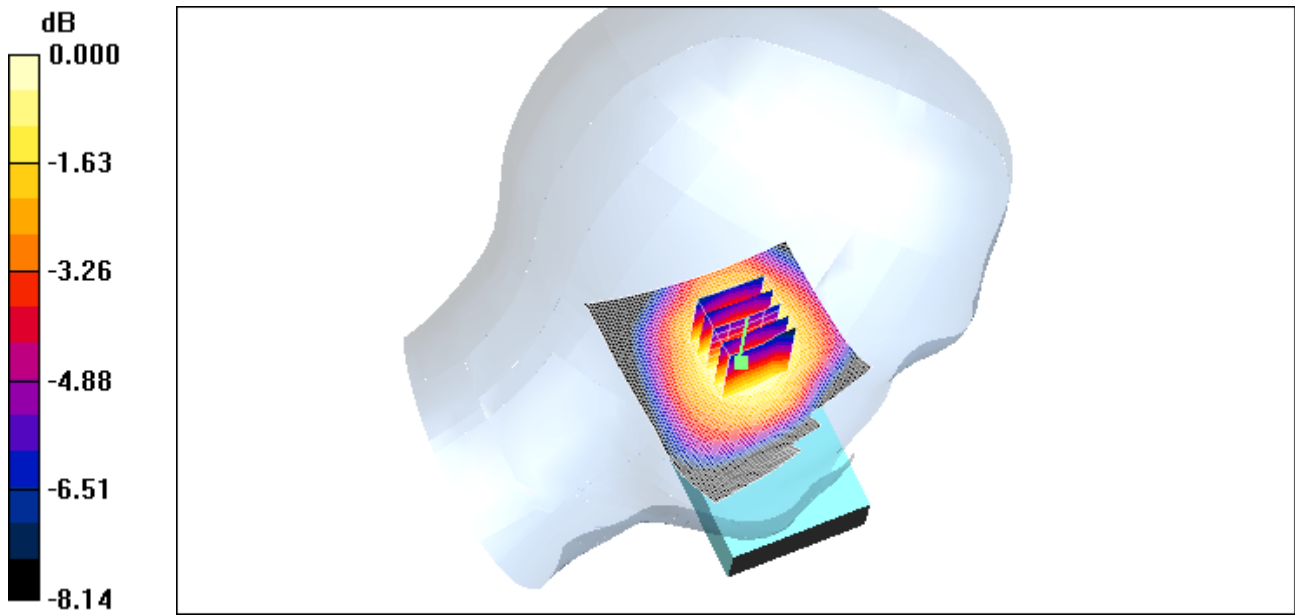Maximum value of SAR (measured) = 0.245 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**23(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.245mW/g

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	Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report	**24(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 05/02/2010 10:50:48 AM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_UMTS_band_V_mid_chan_Amb_Tem_22.8_Liq_Tem_20.8C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.264 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.76 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.185 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
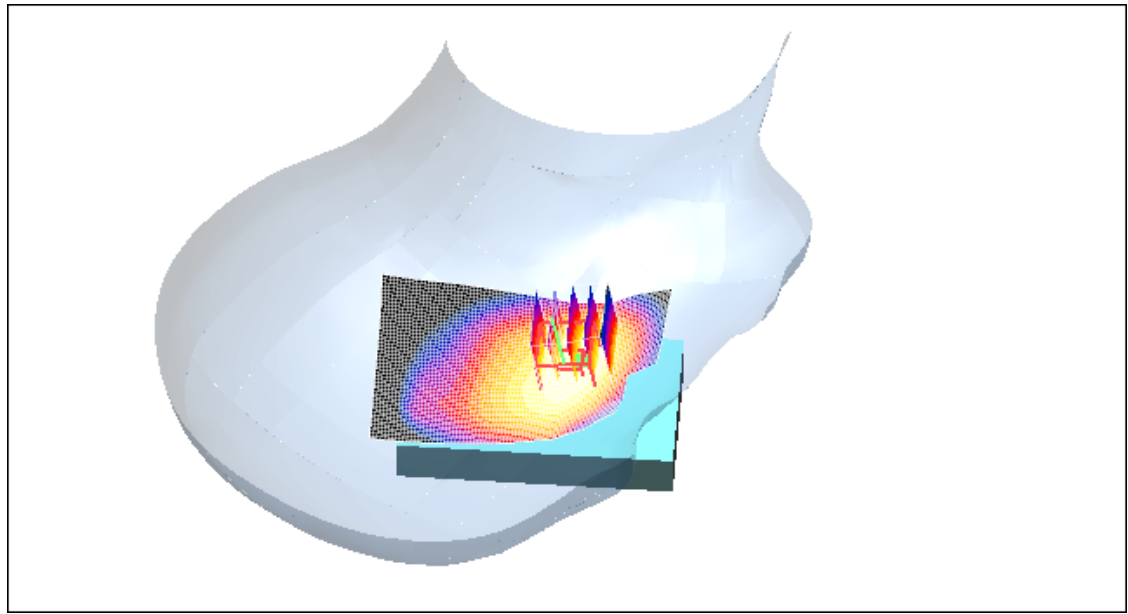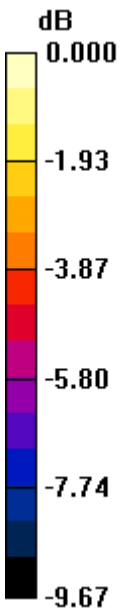
Maximum value of SAR (measured) = 0.253 mW/g

0 dB = 0.253mW/g

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![RIM Testing Services logo]	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**26(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 05/02/2010 11:06:22 AM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_UMTS_band_V_Slide_Open_mid_chan_Amb_Tem_23.0 _Liq_Tem_20.9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.177 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
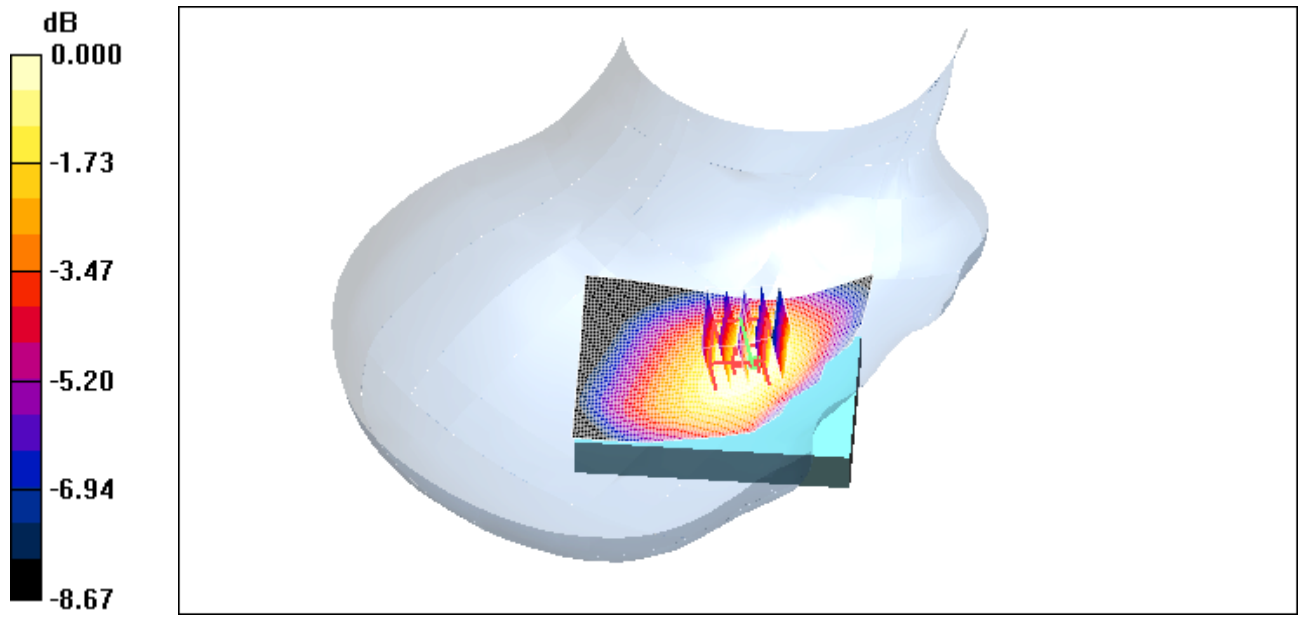Reference Value = 7.03 V/m; Power Drift = -0.469 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.130 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.177 mW/g

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.177mW/g

Date/Time: 05/02/2010 11:22:24 AM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_Tilt_UMTS_band_V_mid_chan_Amb_Tem_23.5_Liq_Tem_21.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.869 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(6.08, 6.08, 6.08); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.209 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.155 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
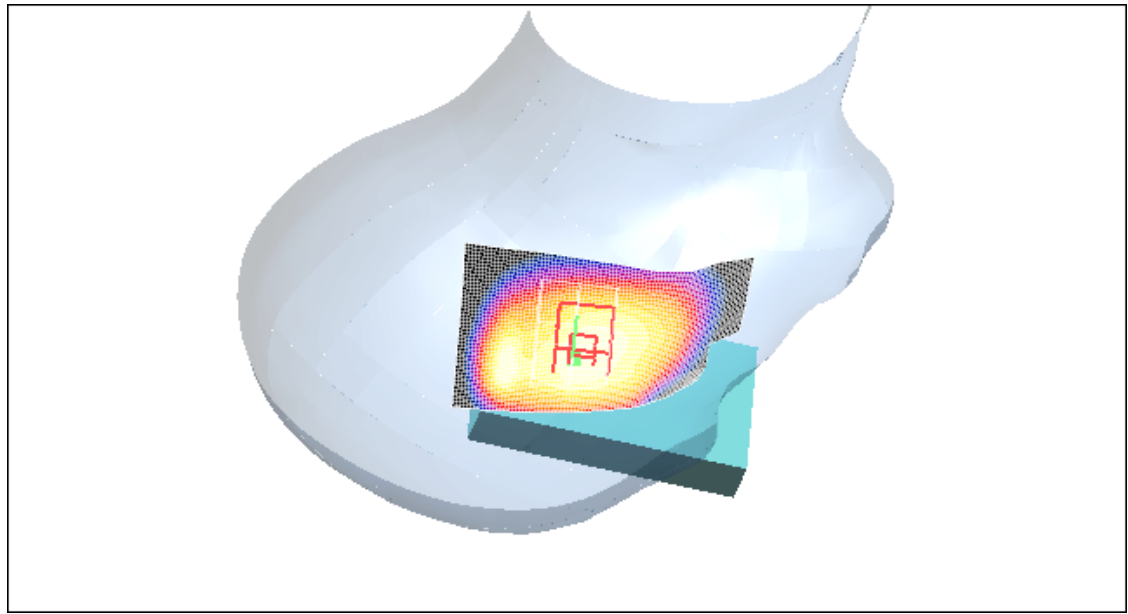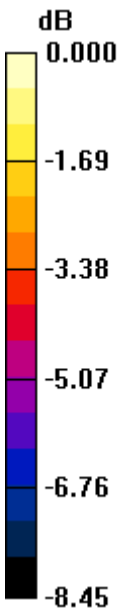Maximum value of SAR (measured) = 0.209 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**29(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.209mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**30(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 12/02/2010 11:09:24 AM

Test Laboratory: RIM TESTING SERVICES

LeftHandSide_EDGE1900_mid_chan_Amb_Tem_23.2_Liq_Tem_22.1_C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.755 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.394 mW/g
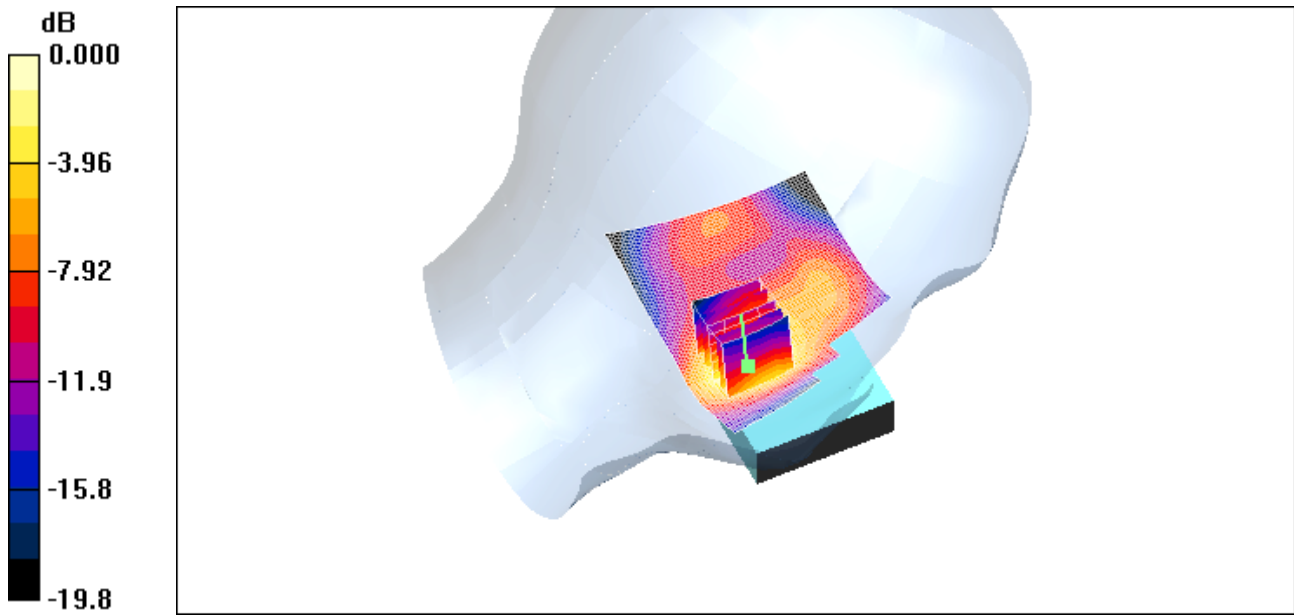Maximum value of SAR (measured) = 0.739 mW/g

0 dB = 0.739mW/g

Date/Time: 12/02/2010 11:46:37 AM

Test Laboratory: RIM TESTING SERVICES

LeftHandSide_Silde_Open_EDGE1900_mid_chan_Amb_Tem_22.4_Liq_ Tem_21.8_C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.471 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.44 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.248 mW/g
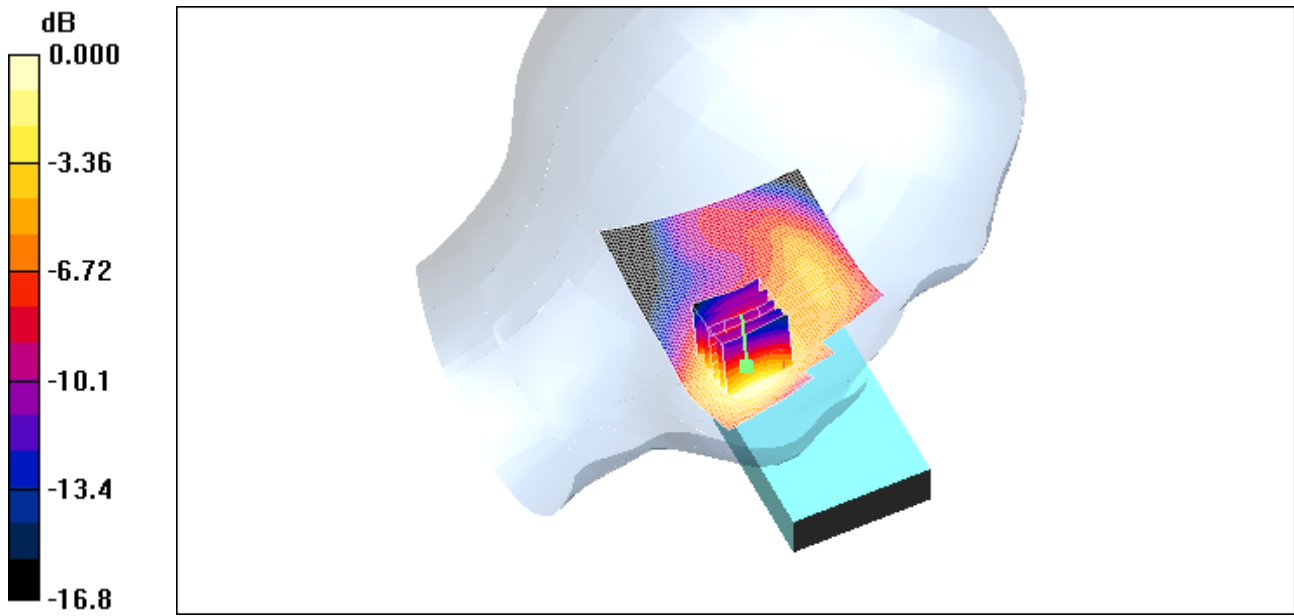Maximum value of SAR (measured) = 0.442 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**33(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.442mW/g

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RIM Testing Services™	Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report	**34(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 12/02/2010 12:21:14 PM

Test Laboratory: RIM TESTING SERVICES

LeftHandSide_Tilt_EDGE1900_mid_chan_Amb_Tem_22.5_Liq_Tem_21.4_C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.286 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 0.428 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.305 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**35(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.305mW/g

Date/Time: 12/02/2010 12:04:26 PM

Test Laboratory: RIM TESTING SERVICES

LeftHandSide_GSM1900_mid_chan_Amb_Tem_22.4_Liq_Tem_21.6_C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Left Section
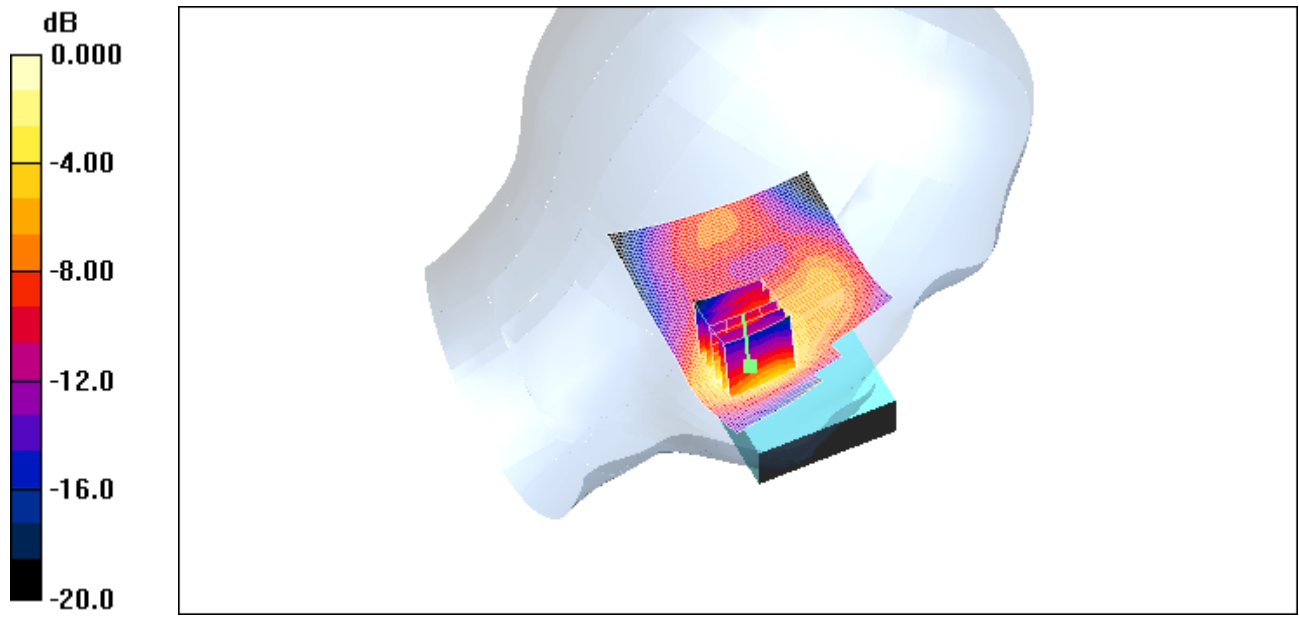Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.658 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.99 V/m; Power Drift = 0.145 dB
Peak SAR (extrapolated) = 0.930 W/kg
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.348 mW/g
Maximum value of SAR (measured) = 0.649 mW/g

0 dB = 0.649mW/g

Date/Time: 12/02/2010 2:08:57 PM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_EDGE1900_mid_chan_Amb_Tem_23.3_Liq_Tem_21.7 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.406 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.311 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.229 mW/g
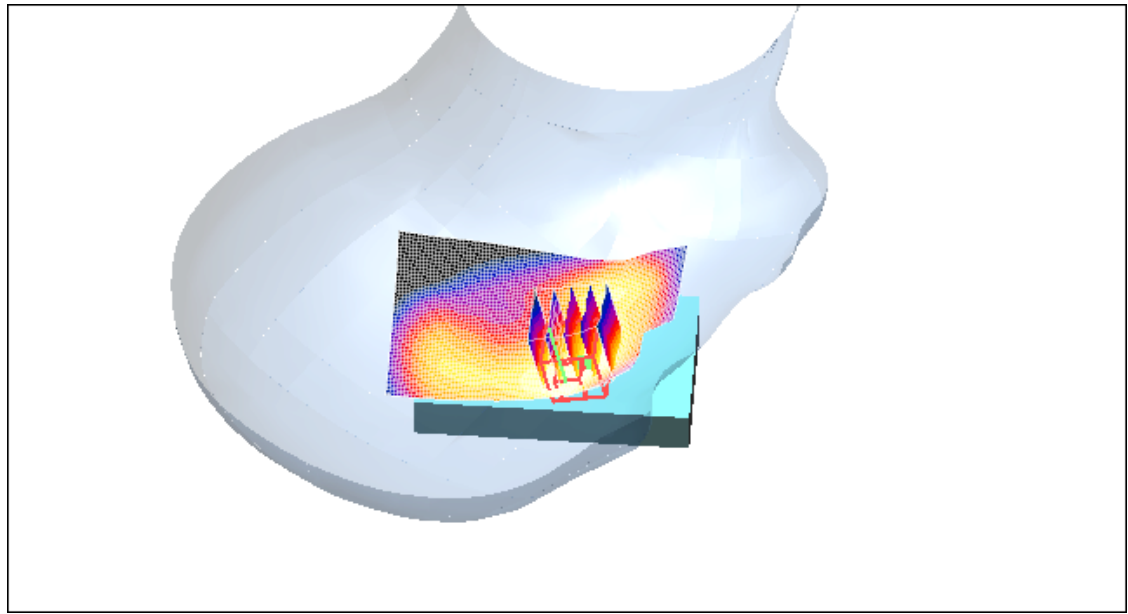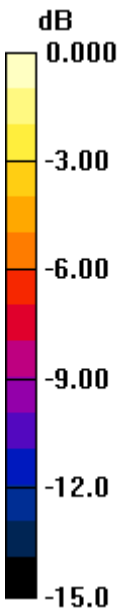Maximum value of SAR (measured) = 0.398 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	Page **39(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.398mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**40(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 12/02/2010 2:25:12 PM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_Slide_Open_EDGE1900_mid_chan_Amb_Tem_22.9_Liq_Tem_21.6C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; $ε_r$ = 40.9; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.255 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.37 V/m; Power Drift = -0.376 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.142 mW/g
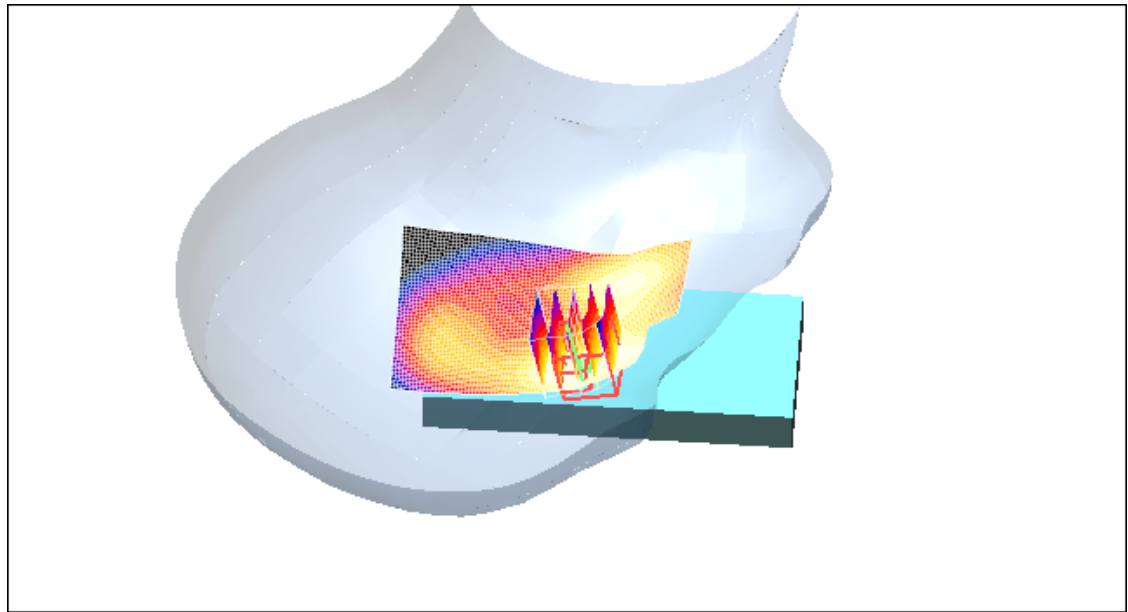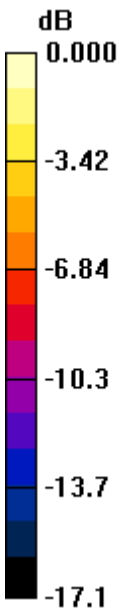Maximum value of SAR (measured) = 0.241 mW/g

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.241mW/g

Date/Time: 12/02/2010 2:53:00 PM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_Tilt_EDGE1900_mid_chan_Amb_Tem_22.5_Liq_Tem_21.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.420 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = 0.056 dB
Peak SAR (extrapolated) = 0.588 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.200 mW/g
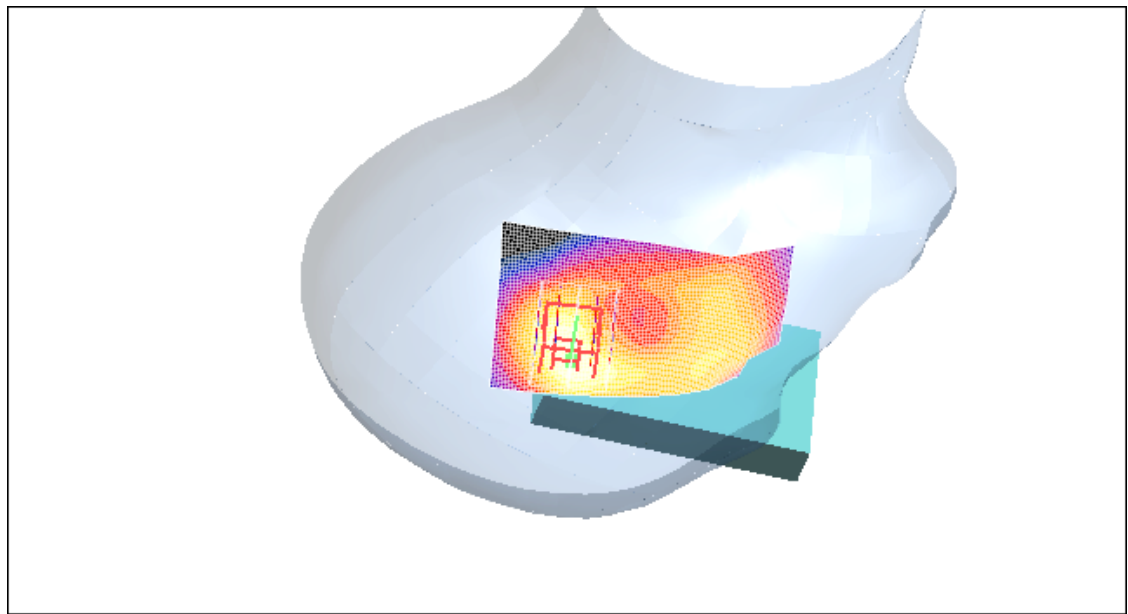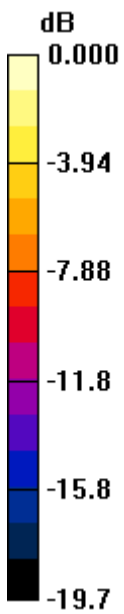Maximum value of SAR (measured) = 0.390 mW/g

0 dB = 0.390mW/g

Date/Time: 12/02/2010 3:25:49 PM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_GSM1900_mid_chan_Amb_Tem_22.4_Liq_Tem_21.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.17, 5.17, 5.17); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.341 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.192 mW/g
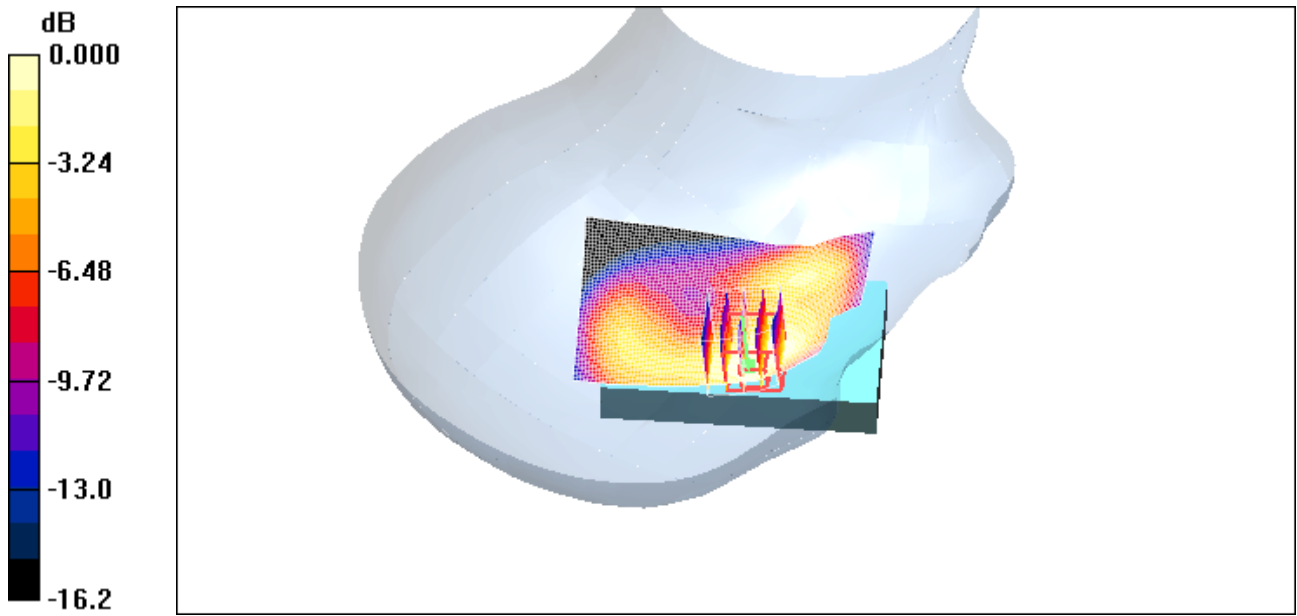Maximum value of SAR (measured) = 0.339 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**45(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.339mW/g

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![RIM Testing Services logo]	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**46(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/17/2010 9:45:38 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_UMTS_band_II_low_chan_Amb_Tem_22.2_Liq_Tem_20.8_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.03 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.417 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.488 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
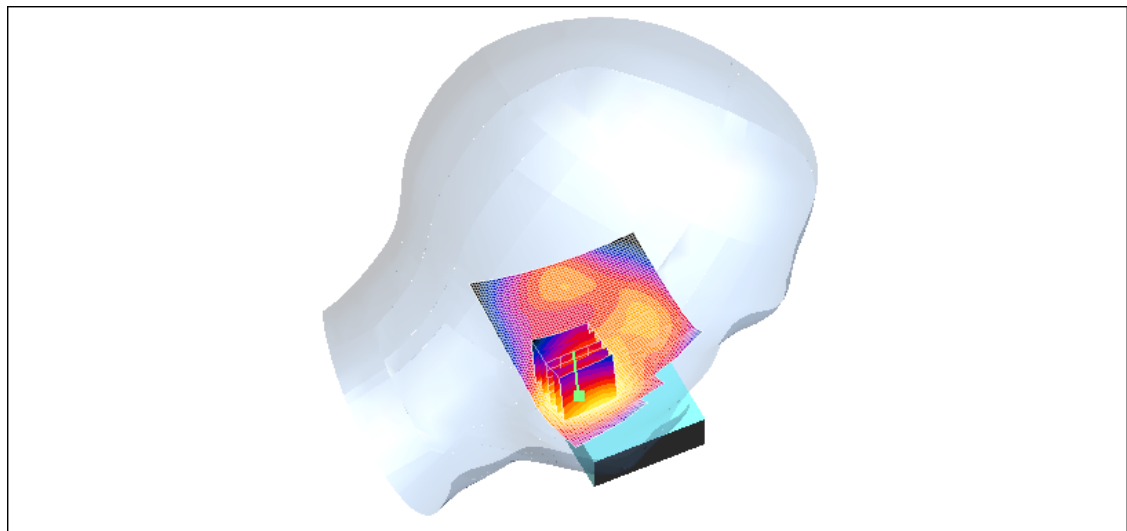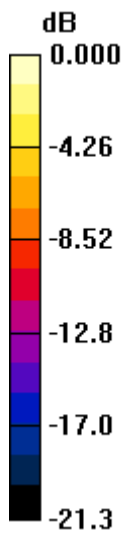Maximum value of SAR (measured) = 0.913 mW/g

0 dB = 0.913mW/g

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/17/2010 9:22:51 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_UMTS_band_II_mid_chan_Amb_Tem_22.2_Liq_Tem_20.8_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\varepsilon_r = 40.3$; $\rho = 1000$ kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.995 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
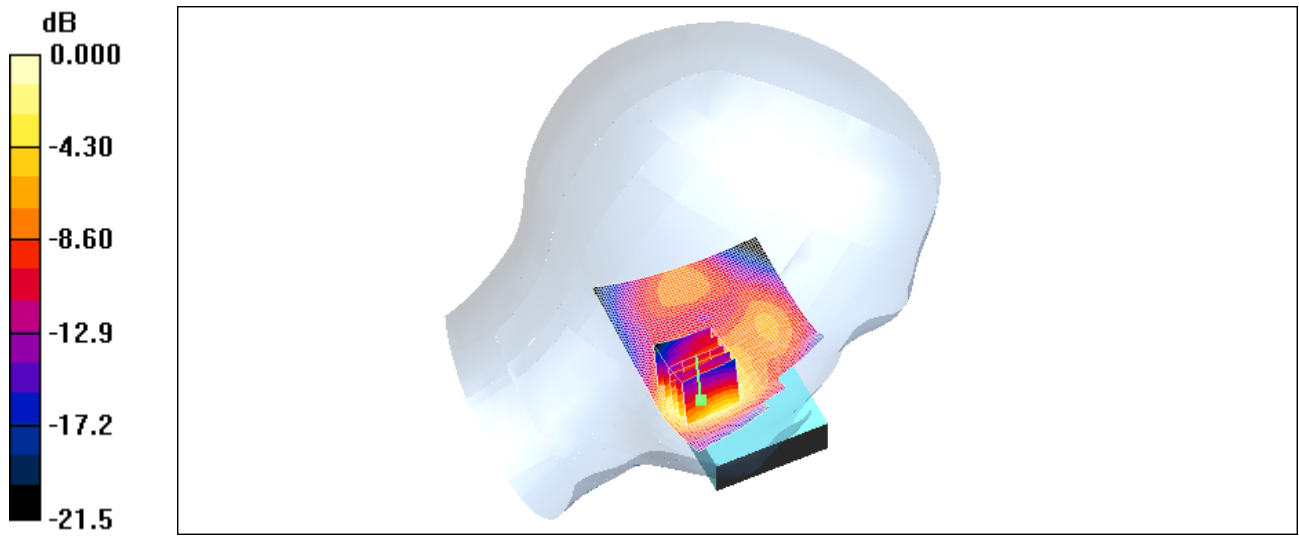dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.924 mW/g

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![RIM Testing Services logo]	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**49(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.924mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**50(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/17/2010 10:03:10 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_UMTS_band_II_high_chan_Amb_Tem_22.2_Liq_Tem_20.8_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.44 mho/m; ε_r = 40.2; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.07 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
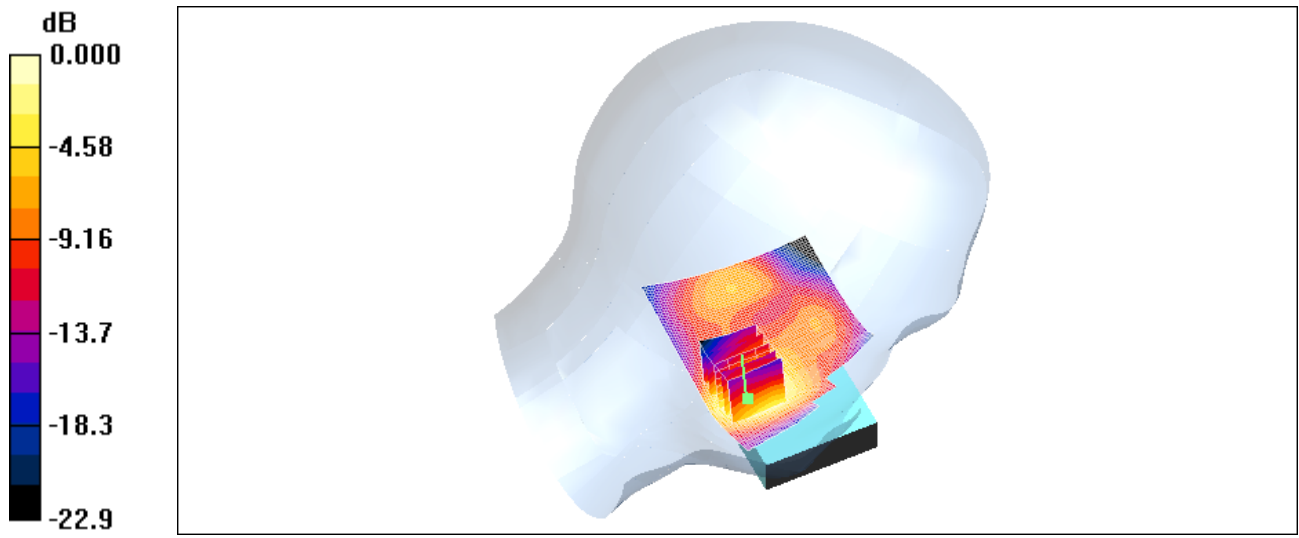Reference Value = 13.8 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.520 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.996 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	Page **51(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.996mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**52(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/17/2010 10:21:41 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_UMTS_band_II_Slide_Open_low_chan_Amb_Tem_22.6_Liq_Tem_20.9_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.567 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
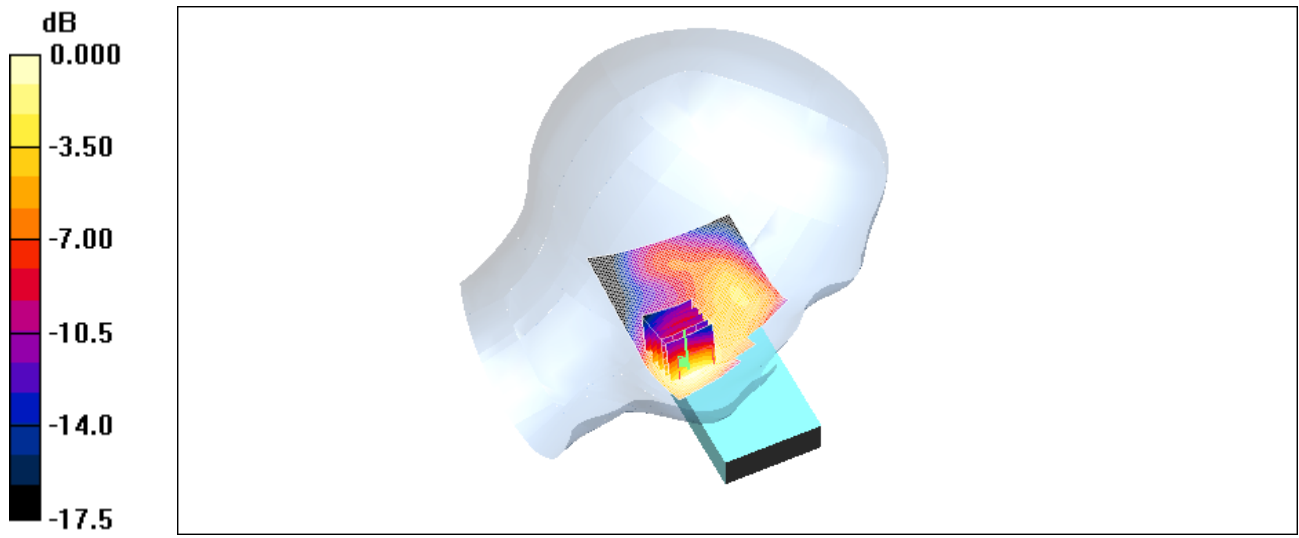Reference Value = 9.14 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.825 W/kg
SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.322 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.566 mW/g

0 dB = 0.566mW/g

Date/Time: 3/17/2010 10:45:37 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_Tilt_UMTS_band_II_low_chan_Amb_Tem_22.7_Liq_Tem_20.9_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.414 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.216 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
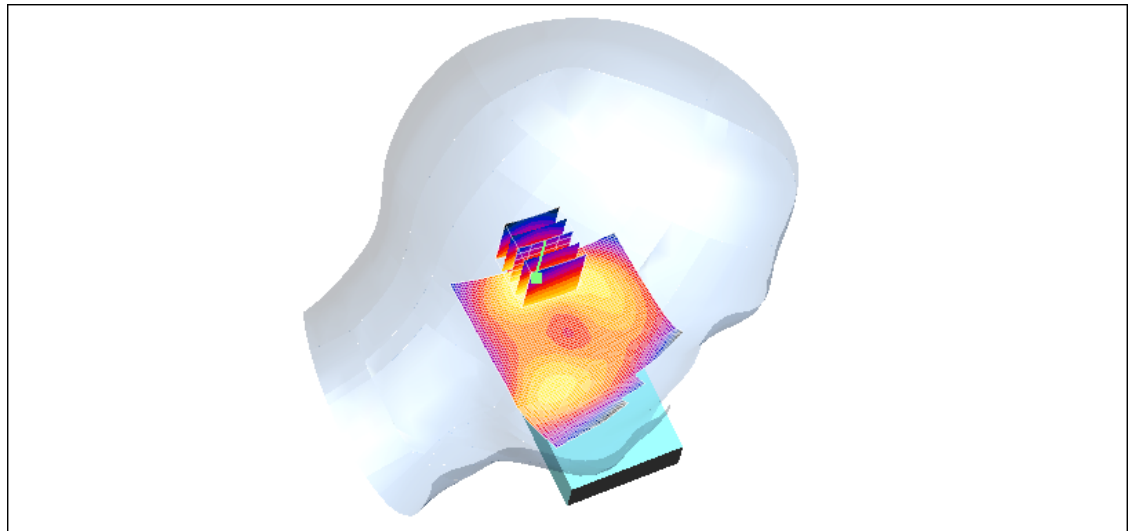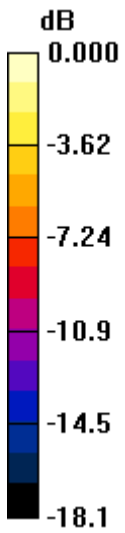Maximum value of SAR (measured) = 0.436 mW/g

0 dB = 0.436mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**56(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/17/2010 11:25:39 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_UMTS_band_II_low_chan_Amb_Tem_22.7_Liq_Tem_20.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.38$ mho/m; $\varepsilon_r = 40.4$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.639 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.363 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

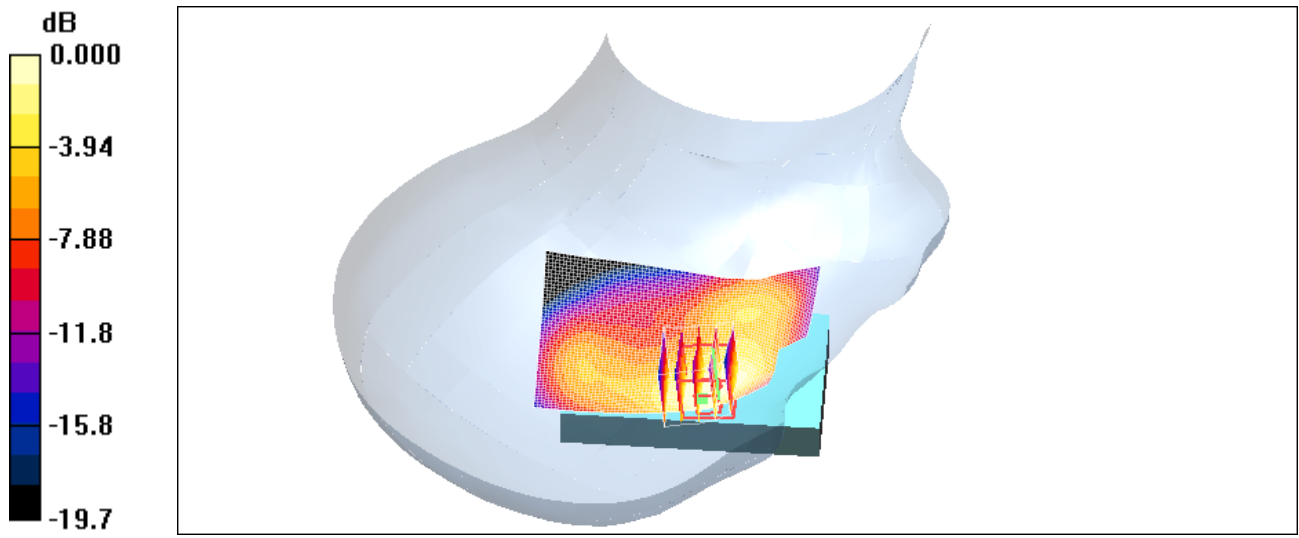Maximum value of SAR (measured) = 0.647 mW/g

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.647mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**58(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/17/2010 11:44:05 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_UMTS_band_II_Slide_Open_low_chan_Amb_Tem_22.7_Liq_Tem_20.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.360 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
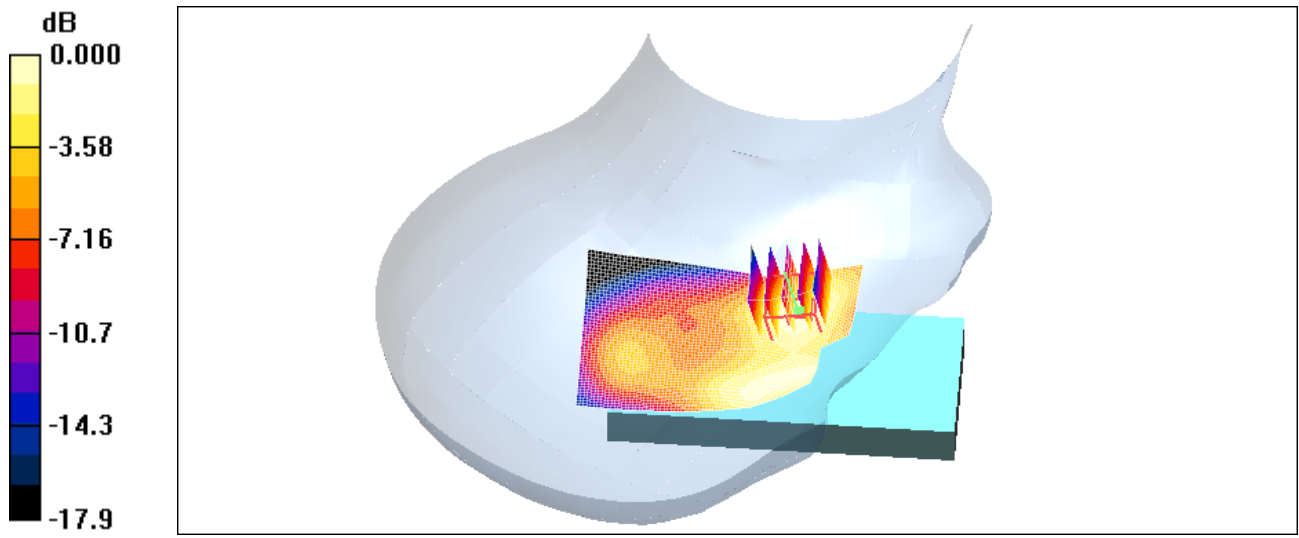Reference Value = 9.91 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.206 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.364 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**59(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.364mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**60(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/18/2010 12:10:22 AM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_Tilt_UMTS_band_II_low_chan_Amb_Tem_22.8_Liq_Tem_20.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.14, 5.14, 5.14); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.435 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
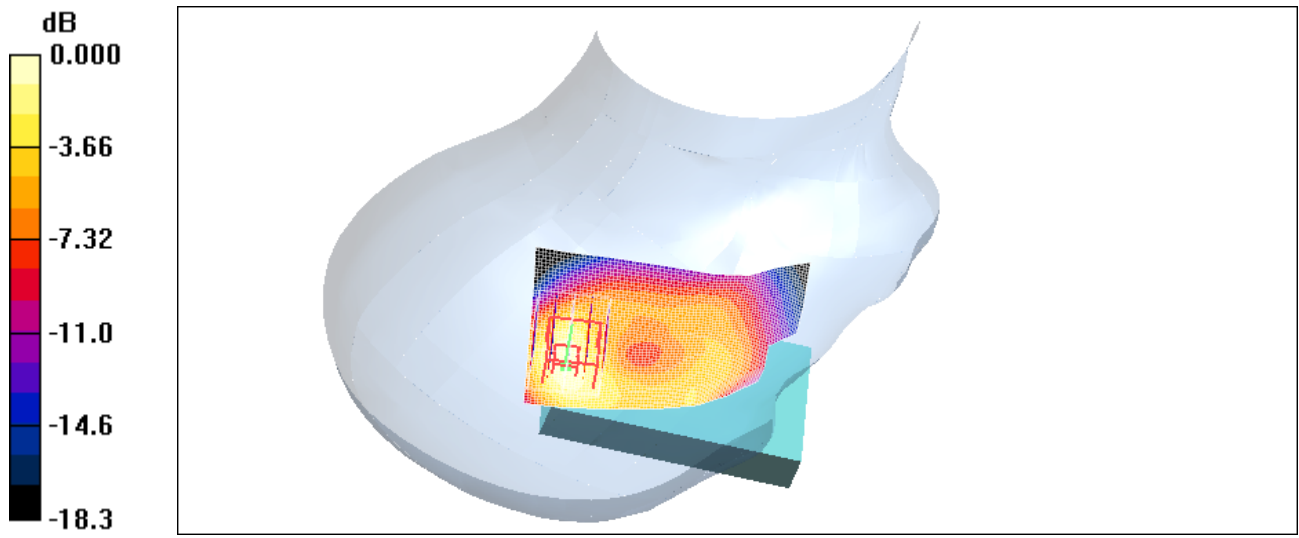Reference Value = 15.7 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.219 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.428 mW/g

0 dB = 0.428mW/g

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![RIM Testing Services logo]	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**62(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/11/2010 6:10:03 PM

Test Laboratory: RIM TESTING SERVICES
File Name: LeftHandSide_802.11b_low_chan_Amb_Tem_22.7_Liq_Tem_22.3_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.84 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.245 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
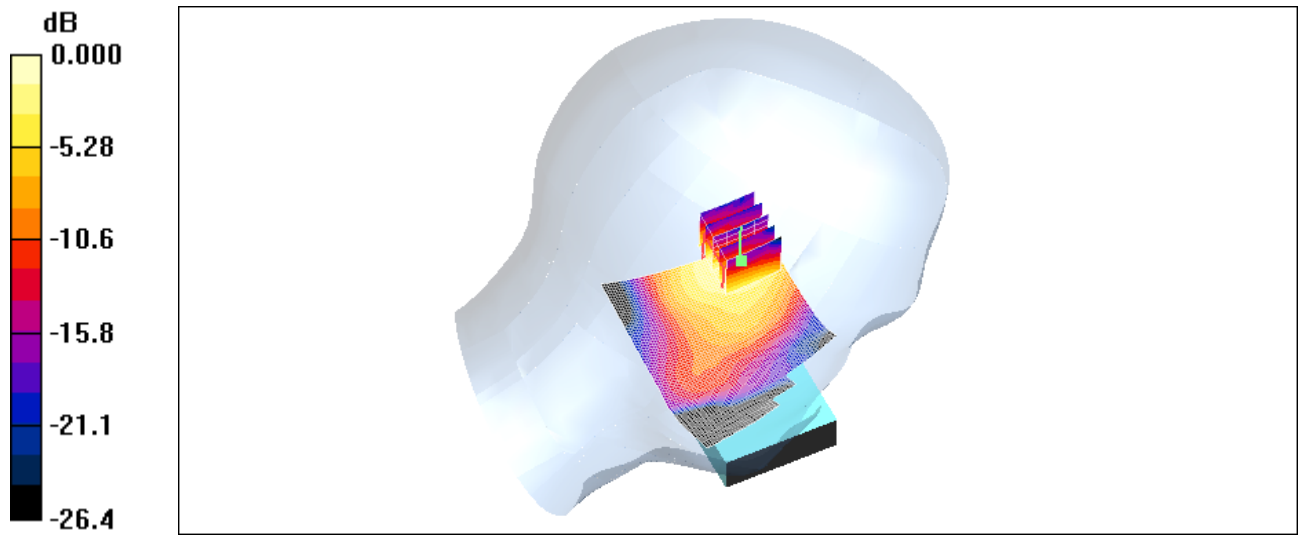Reference Value = 8.78 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.117 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.268 mW/g

0 dB = 0.268mW/g

Date/Time: 3/11/2010 7:35:29 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_802.11b_Slide_Open_low_chan_Amb_Tem_22.9_Liq_Tem_22.3_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.84 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.073 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
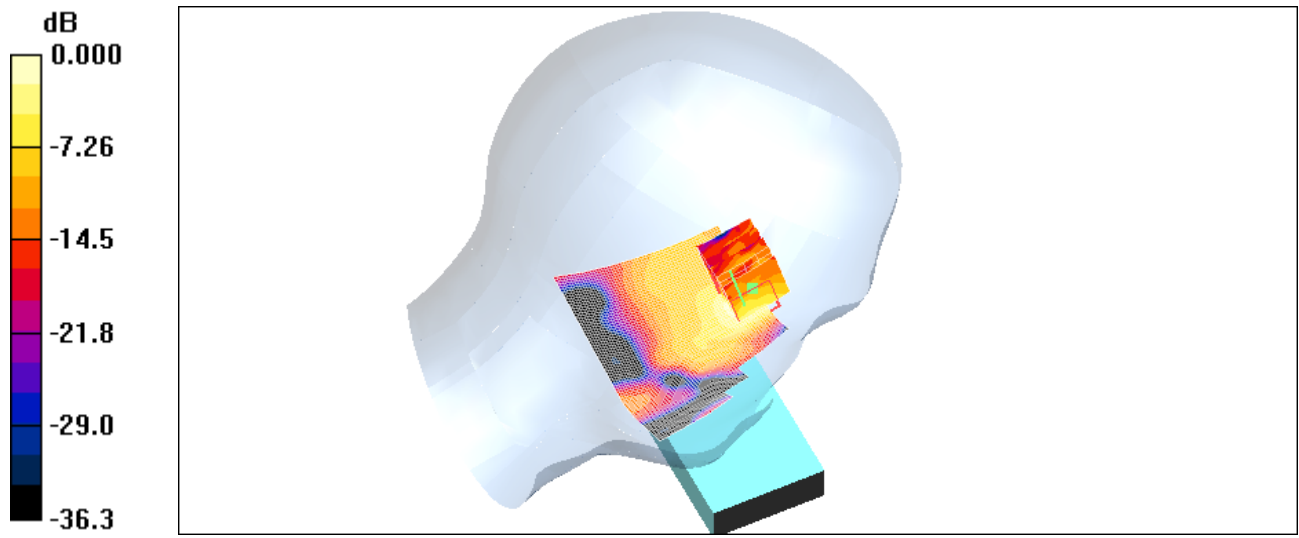Reference Value = 2.38 V/m; Power Drift = 0.667 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.032 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.076 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**65(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.076mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**66(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/11/2010 6:51:57 PM

Test Laboratory: RIM TESTING SERVICES
File Name: LeftHandSide_802.11b_mid_chan_Amb_Tem_23.1_Liq_Tem_22.4_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.87 mho/m; ε_r = 37.6; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.241 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
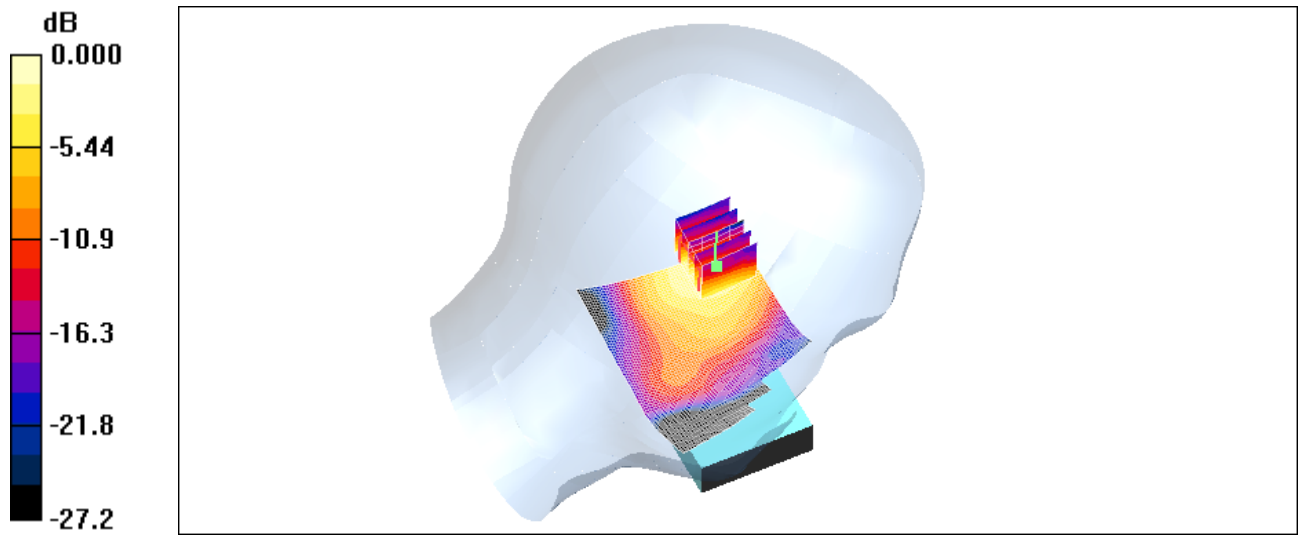Reference Value = 8.52 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.569 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.114 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.269 mW/g

0 dB = 0.269mW/g

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![RIM Testing Services logo]	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**68(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/11/2010 7:11:43 PM

Test Laboratory: RIM TESTING SERVICES
File Name: LeftHandSide_802.11b_high_chan_Amb_Tem_22.7_Liq_Tem_22.3_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.89 mho/m; ε_r = 37.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.231 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
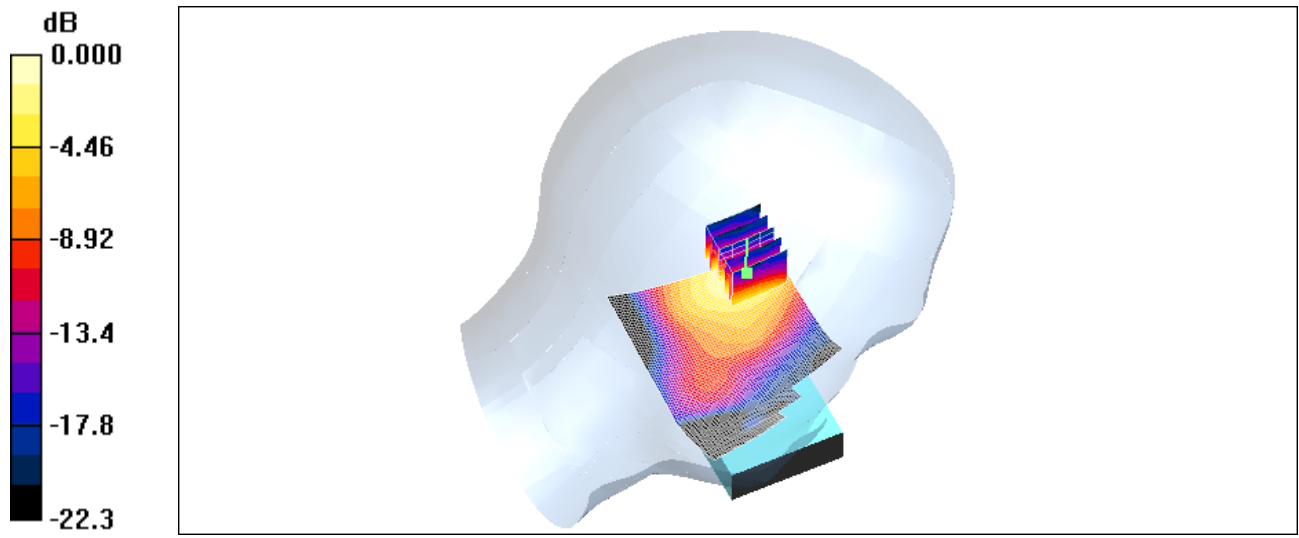Reference Value = 8.59 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.579 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.113 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.266 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**69(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.266mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**70(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/11/2010 7:59:14 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_Tilt_802.11b_low_chan_Amb_Tem_22.9_Liq_Tem_22.4_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.84 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.236 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
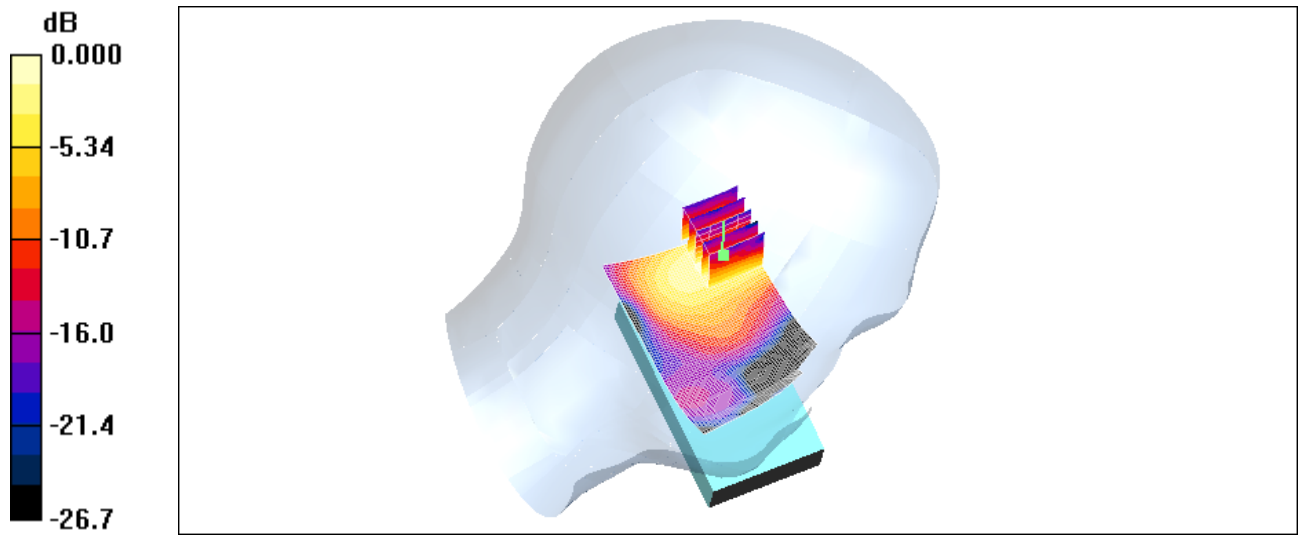Reference Value = 8.37 V/m; Power Drift = 0.198 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.102 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.235 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**71(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.235mW/g

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![RIM Testing Services logo]	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**72(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/11/2010 8:29:26 PM

Test Laboratory: RIM TESTING SERVICES
File Name: RightHandSide_802.11b_low_chan_Amb_Tem_23.0_Liq_Tem_22.4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.84 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.162 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.17 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.080 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
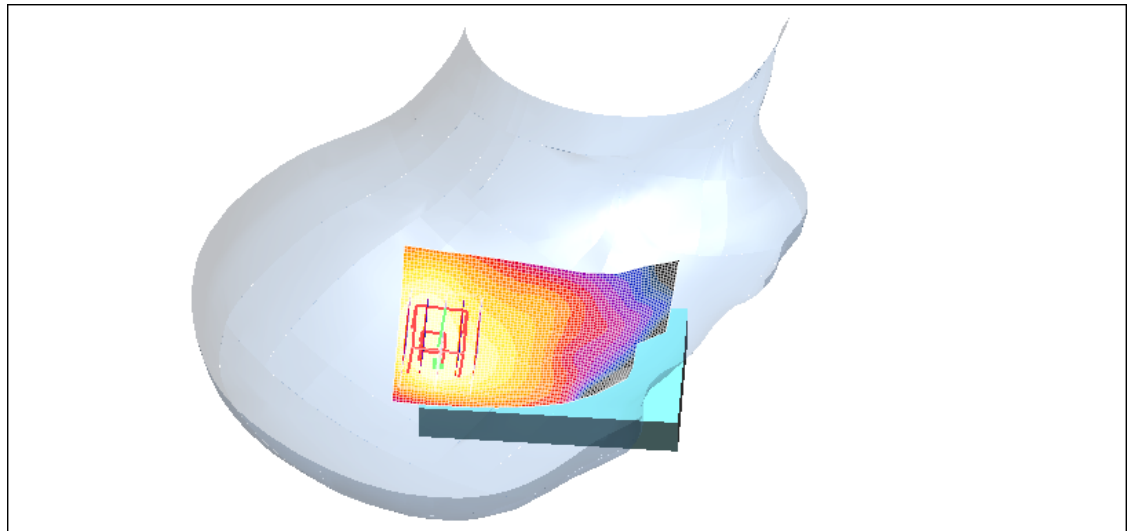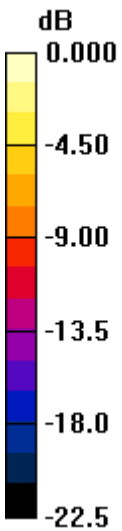
Maximum value of SAR (measured) = 0.151 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**73(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.151mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**74(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/11/2010 9:05:21 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_802.11b_Slide_Open_low_chan_Amb_Tem_22.9_Liq_Tem_22.4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.84 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.038 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 2.76 V/m; Power Drift = 0.384 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.016 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
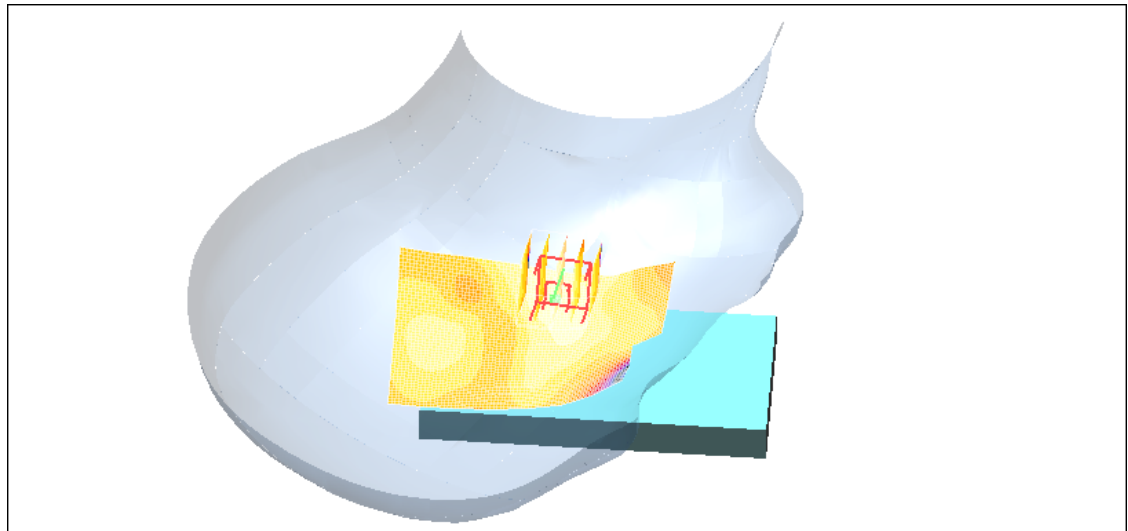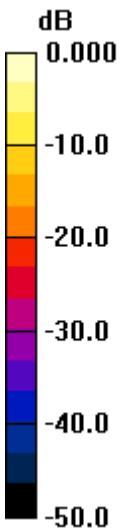Maximum value of SAR (measured) = 0.037 mW/g

0 dB = 0.037mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**76(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 3/11/2010 9:22:16 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
RightHandSide_Tilt_802.11b_low_chan_Amb_Tem_22.7_Liq_Tem_22.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21EBFA46
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.84 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.293 mW/g

Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.128 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
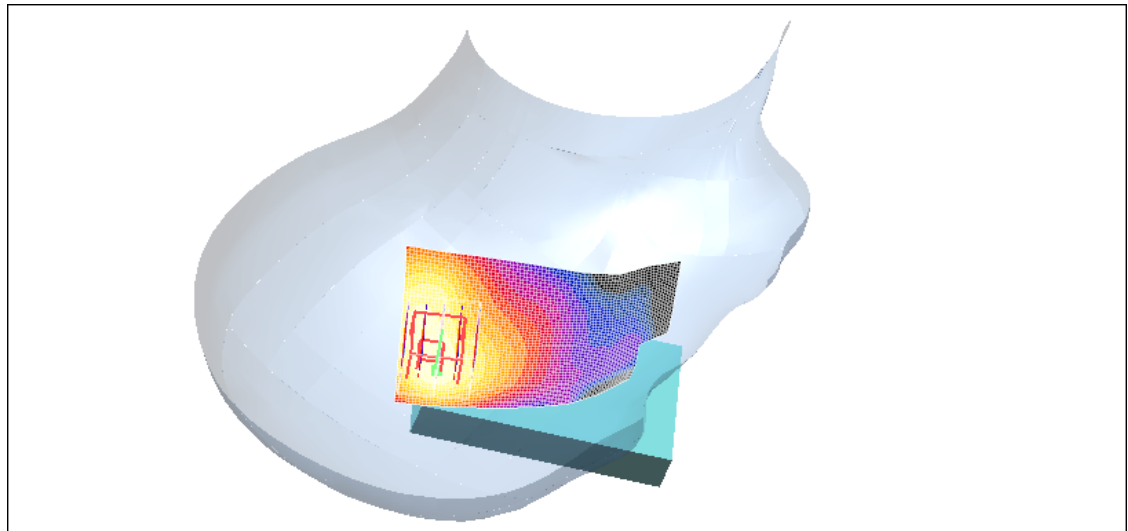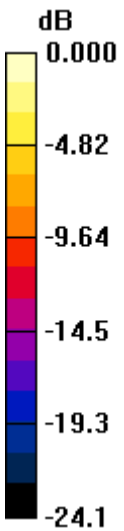
Maximum value of SAR (measured) = 0.262 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**77(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.262mW/g

Date/Time: 03/02/2010 3:34:56 PM

Test Laboratory: RIM TESTING SERVICES
File Name: LeftHandSide_Bluetooth_mid_chan_Amb_Tem_22.4_Liq_Tem_21.2_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.87 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.002 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
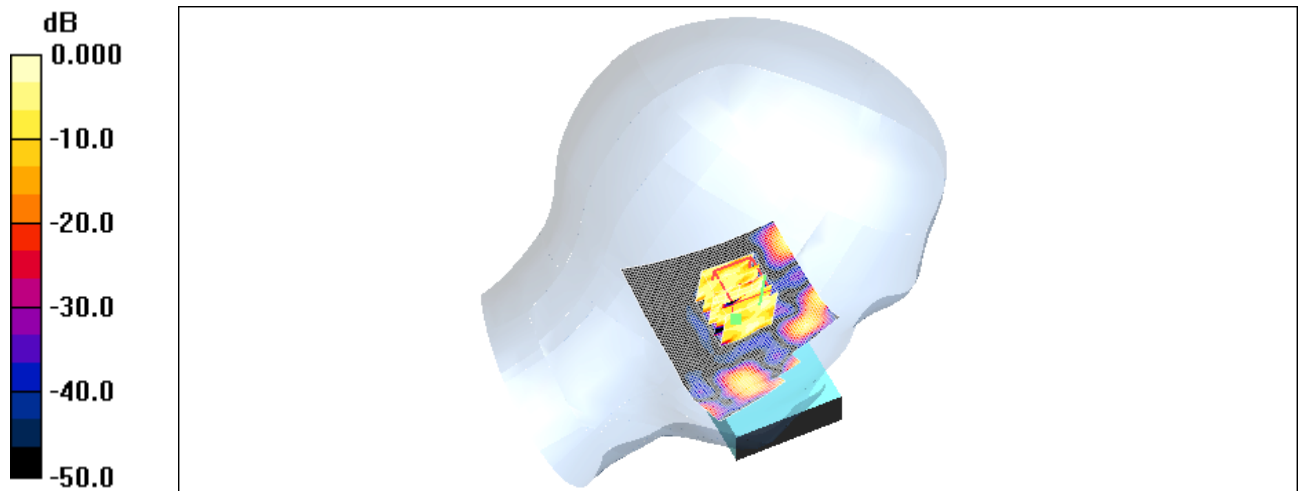Reference Value = 0.574 V/m; Power Drift = 2.46 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.00173 mW/g; SAR(10 g) = 0.000629 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.004 mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**79(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.004mW/g

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RIM Testing Services™	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**80(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 03/02/2010 4:42:04 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_Bluetooth_Slide_Open_mid_chan_Amb_Tem_22.4_Liq_Tem_21.2_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.87 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.003 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
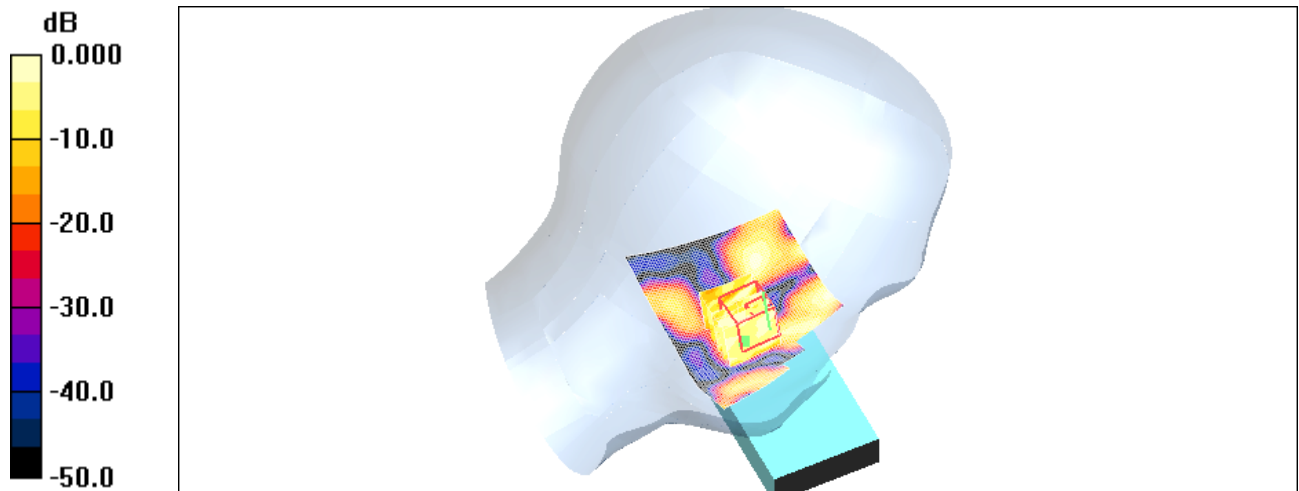Reference Value = 0.853 V/m; Power Drift = 0.978 dB
Peak SAR (extrapolated) = 0.005 W/kg
SAR(1 g) = 0.00192 mW/g; SAR(10 g) = 0.000879 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.004 mW/g

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RIM Testing Services™	Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report	**81(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.004mW/g

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Date/Time: 03/02/2010 5:23:25 PM

Test Laboratory: RIM TESTING SERVICES
File Name:
LeftHandSide_Tilt_Bluetooth_mid_chan_Amb_Tem_22.8_Liq_Tem_21.6_C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.87 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.003 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
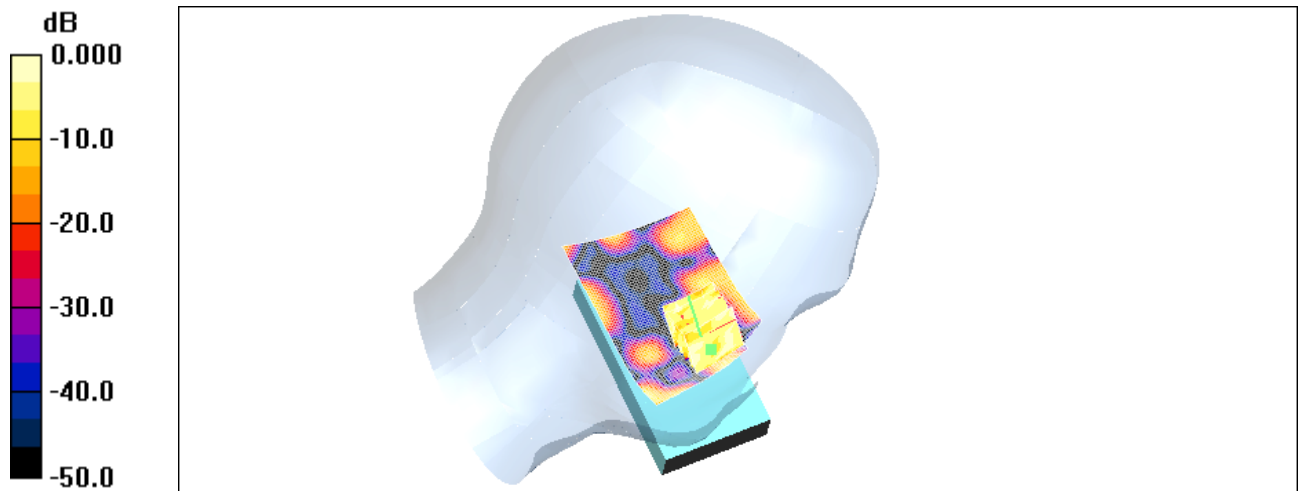Reference Value = 0.930 V/m; Power Drift = 0.977 dB
Peak SAR (extrapolated) = 0.004 W/kg
SAR(1 g) = 0.000121 mW/g; SAR(10 g) = 3.93e-005 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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Maximum value of SAR (measured) = 0.004 mW/g

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![RIM Testing Services logo]	**Appendix B for the BlackBerry® Smartphone Model RCY71UW SAR Report**	**83(90)**

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.004mW/g

Date/Time: 03/02/2010 2:33:57 PM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_Bluetooth_mid_chan_Amb_Tem_23.0_Liq_Tem_21.5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.87 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.004 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
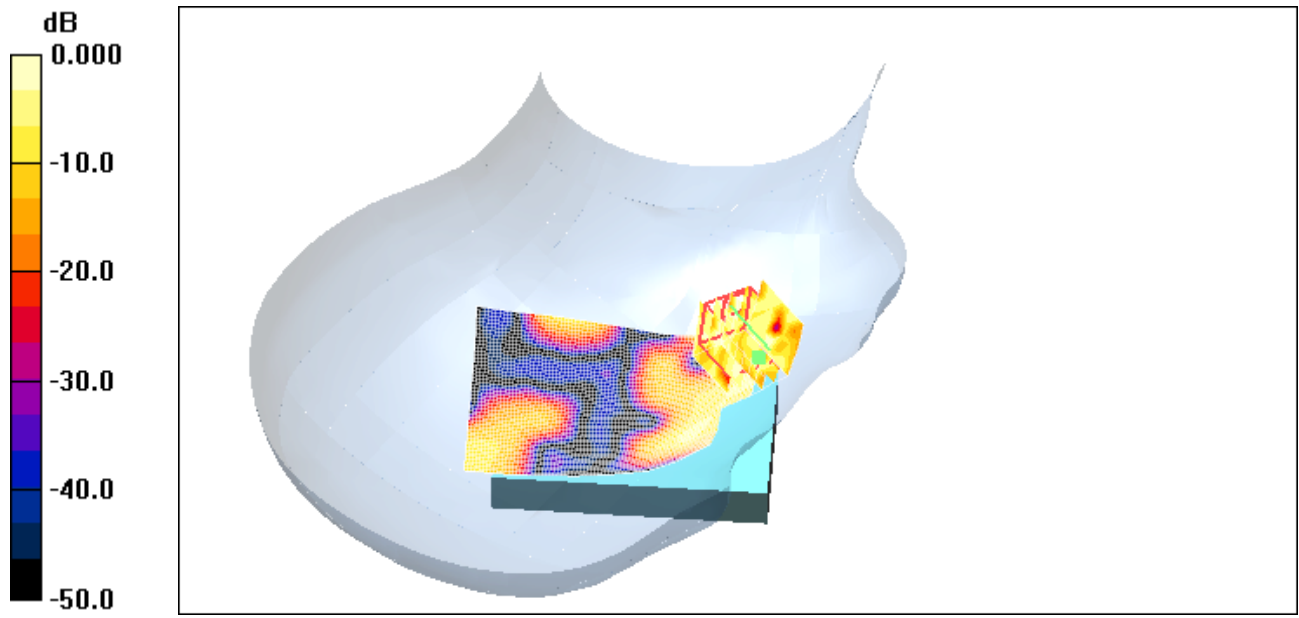Reference Value = 0.987 V/m; Power Drift = 0.295 dB
Peak SAR (extrapolated) = 0.007 W/kg
SAR(1 g) = 0.0021 mW/g; SAR(10 g) = 0.0008 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.005 mW/g

0 dB = 0.005mW/g

Date/Time: 03/02/2010 2:53:41 PM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_Bluetooth_Slide_Open_mid_chan_Amb_Tem_23.1_Liq_ Tem_21.6C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.87 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.003 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.847 V/m; Power Drift = 0.292 dB
Peak SAR (extrapolated) = 0.008 W/kg
SAR(1 g) = 0.000143 mW/g; SAR(10 g) = 3.25e-005 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
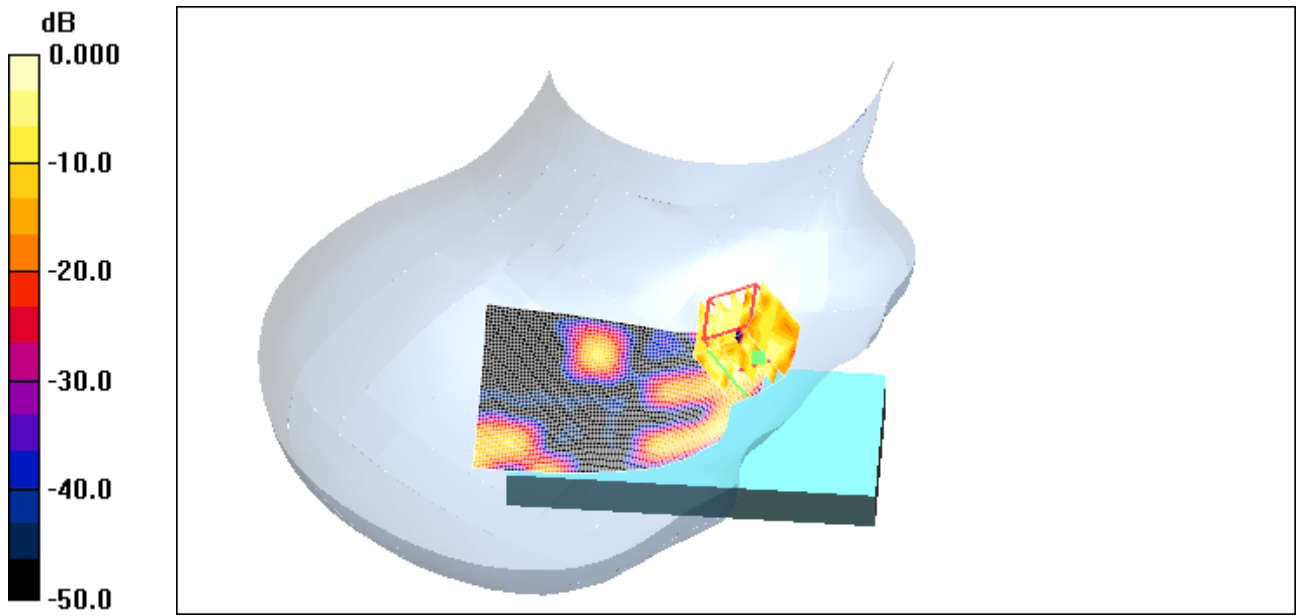
Maximum value of SAR (measured) = 0.008 mW/g

0 dB = 0.008mW/g

Date/Time: 03/02/2010 3:15:19 PM

Test Laboratory: RIM TESTING SERVICES

RightHandSide_Tilt_Bluetooth_mid_chan_Amb_Tem_22.0_Liq_Tem_21.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 21C8E10D

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.87 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.5, 4.5, 4.5); Calibrated: 11/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.002 mW/g

Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.952 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 0.006 W/kg
SAR(1 g) = 0.000694 mW/g; SAR(10 g) = 0.000146 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
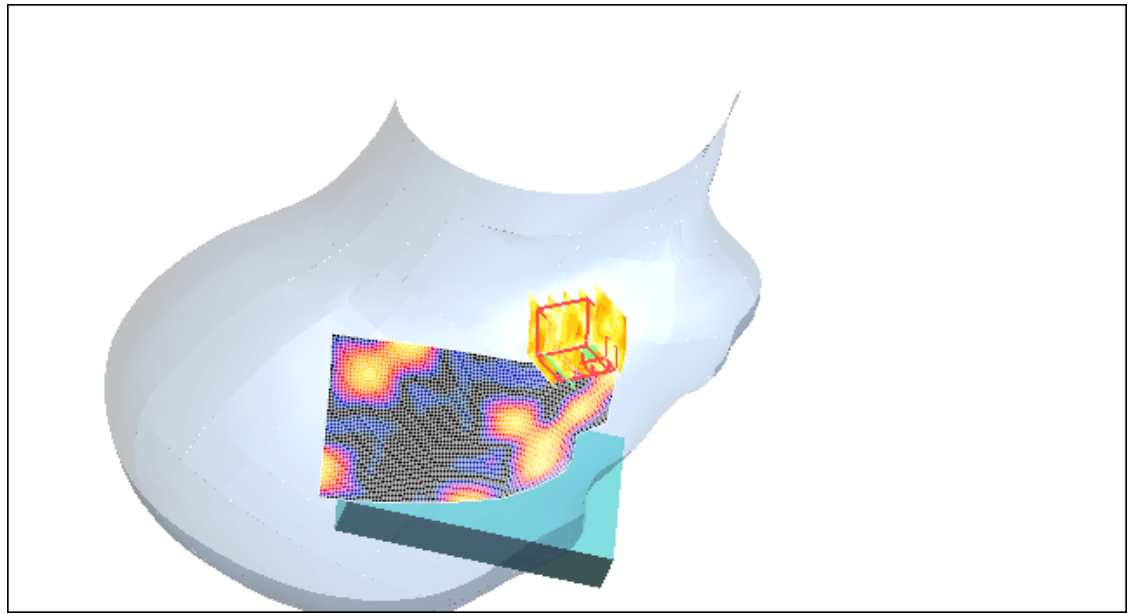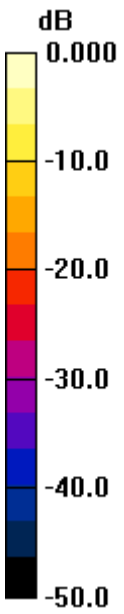
Maximum value of SAR (measured) = 0.005 mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

0 dB = 0.005mW/g

Author Data	Dates of Test	Test Report No	FCC ID:	IC ID
Andrew Becker	**February 02– March 18, 2010**	**RTS-2337-1003-18**	**L6ARCY70UW**	**2503A-RCY70UW**

Z axis plot for the worst case head configuration: