APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

Date/Time: 02/06/2008 2:37:19 PM

Test Laboratory: RTS
File Name: LeftHandSide_BT_mid_chan_amb_temp_23_0_liq_temp_22_3C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 1016540852
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.93 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.013 mW/g

Touch position - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
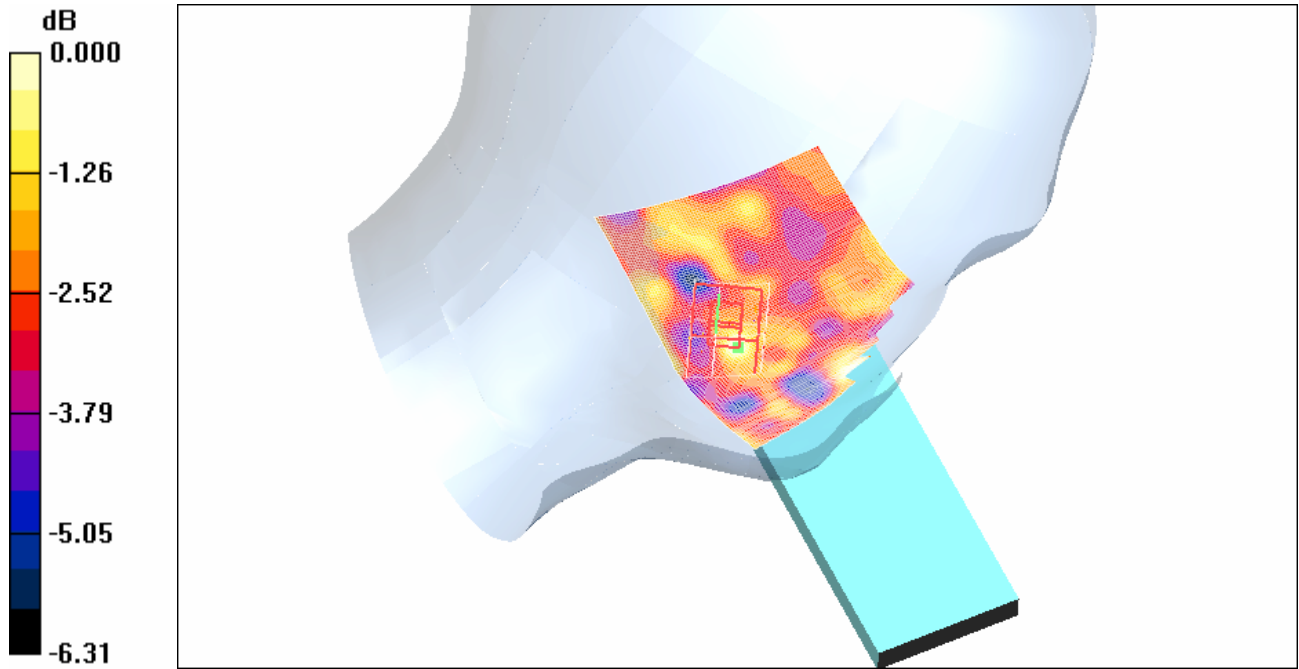Reference Value = 2.32 V/m; Power Drift = -0.441 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00916 mW/g; SAR(10 g) = 0.00812 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.013 mW/g

0 dB = 0.013mW/g

| RTS

RIM Testing Services | Document

Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report | Page

4(61) |
|---|---|---|
| Author Data

Shahriar Ninad | Dates of Test

June 02-24, 2008 | Test Report No

RTS-1114-0806-05 | FCC ID:

L6ARBY40GW |

Date/Time: 02/06/2008 3:09:22 PM

Test Laboratory: RTS
File Name: LeftHandSide_Tilt_BT_amb_temp_23_3_liq_temp_22_5C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 1016540852
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.93 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Tilt position - Mid/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.09 V/m; Power Drift = 0.721 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.00926 mW/g; SAR(10 g) = 0.00781 mW/g

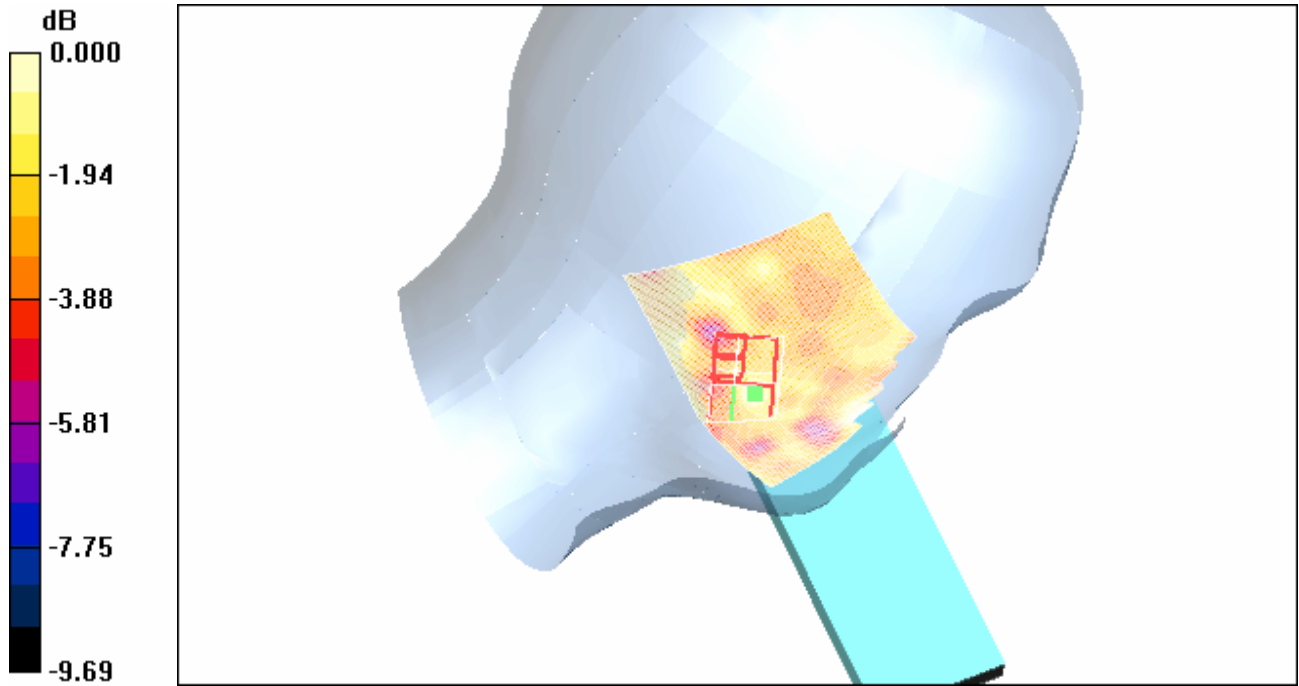Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.013 mW/g

Touch position - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.013 mW/g

RTS	Document		Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**		**5(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.013mW/g

Date/Time: 02/06/2008 6:37:56 PM

Test Laboratory: RTS
File Name: RightHandSide_BT_amb_temp_23.3_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 1016540852
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.93 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Touch position - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
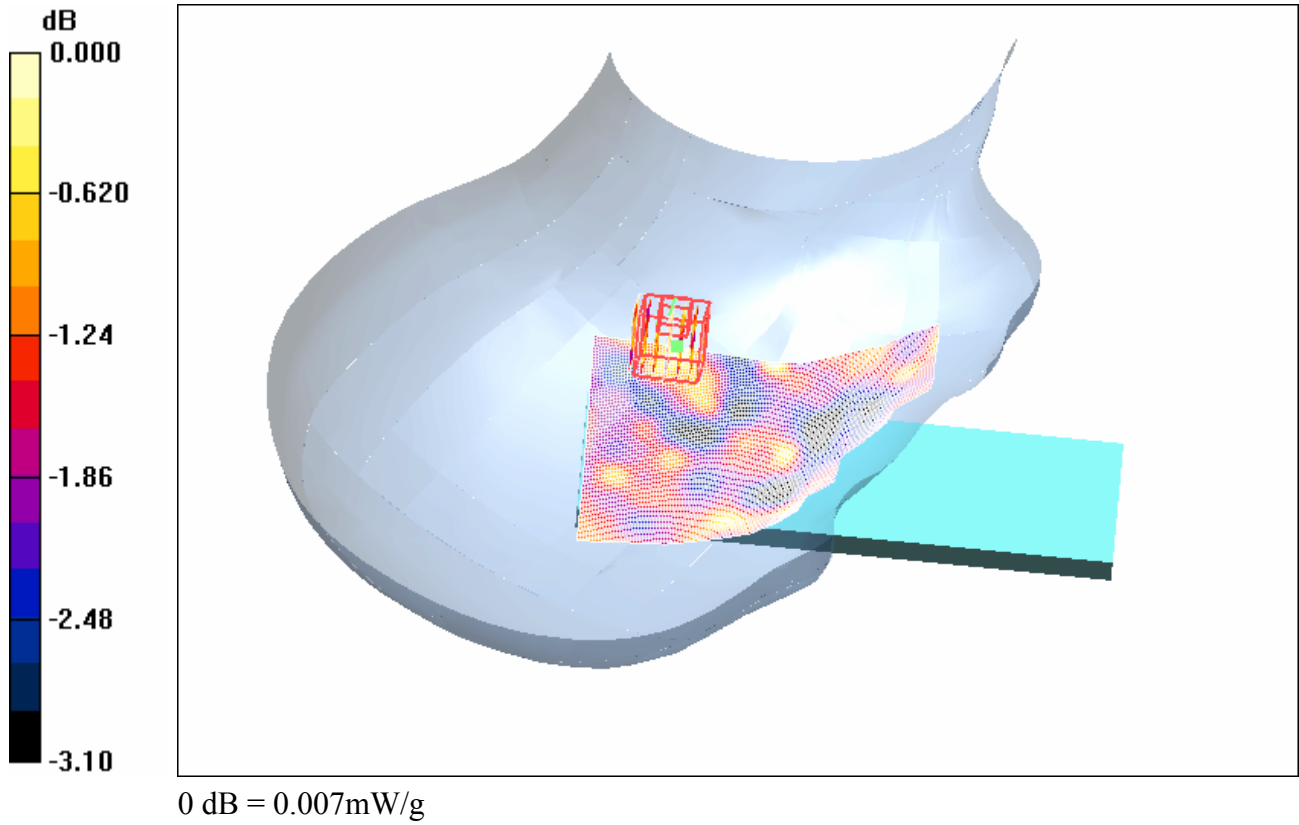Reference Value = 2.61 V/m; Power Drift = -0.188 dB
Peak SAR (extrapolated) = 0.008 W/kg
SAR(1 g) = 0.00598 mW/g; SAR(10 g) = 0.00541 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.007 mW/g

RTS	Document	Page
	Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report	**7(61)**
RIM Testing Services		

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.007mW/g

Date/Time: 02/06/2008 7:26:38 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_BT_amb_temp_23.4_liq_temp_22.5C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 1016540852
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.93 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Tilt position - Middle/Zoom Scan (5x5x7) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.62 V/m; Power Drift = 0.676 dB
Peak SAR (extrapolated) = 0.015 W/kg
SAR(1 g) = 0.00584 mW/g; SAR(10 g) = 0.00523 mW/g

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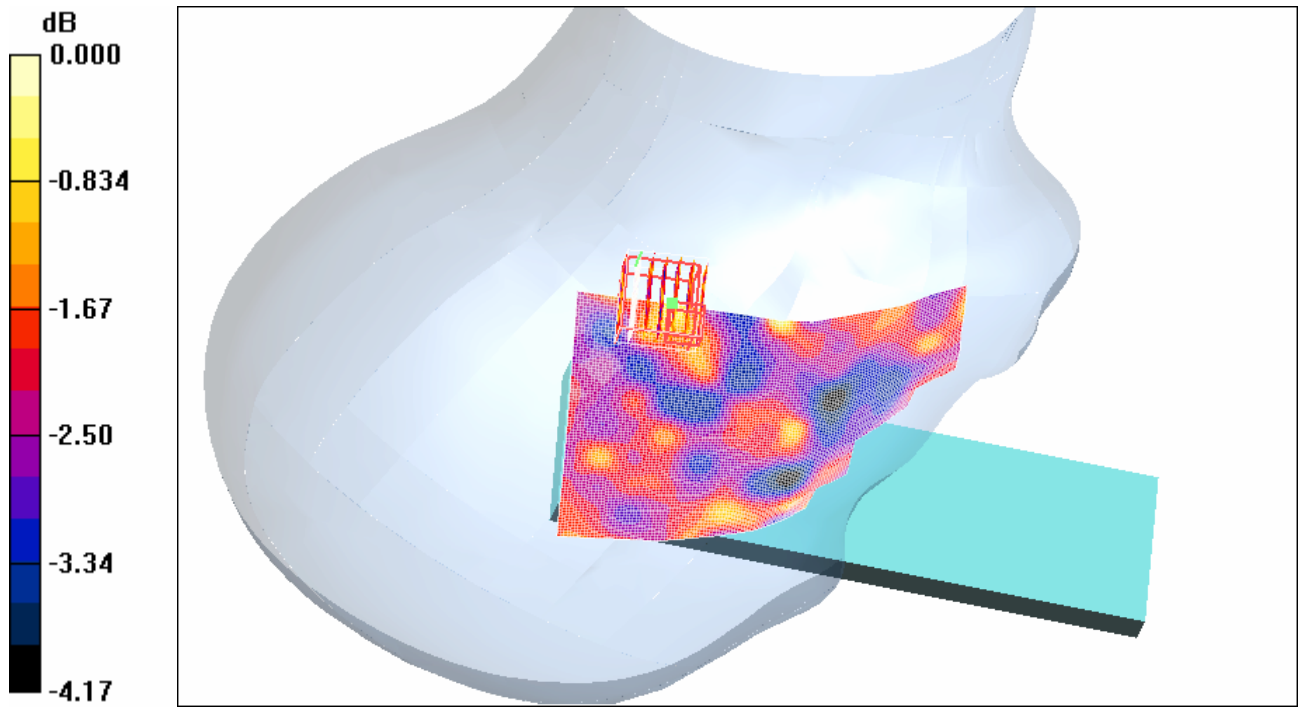
Maximum value of SAR (measured) = 0.008 mW/g

Touch position - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

| RTS | Document | Page |
| **RIM Testing Services** | **Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report** | **9(61)** |

| Author Data | Dates of Test | Test Report No | FCC ID: |
| **Shahriar Ninad** | **June 02-24, 2008** | **RTS-1114-0806-05** | **L6ARBY40GW** |

0 dB = 0.008mW/g

Date/Time: 02/06/2008 5:13:13 PM

Test Laboratory: RTS
File Name: Head_Flat_phantom_BT_mid_chan_amb_temp_23_5_liq_temp_22_4C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 1016540852
Program Name: Compliance Testing: Head Flat Phantom

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.93 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Mid_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Touch position - Mid_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 2.04 V/m; Power Drift = 0.329 dB
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00652 mW/g; SAR(10 g) = 0.00564 mW/g

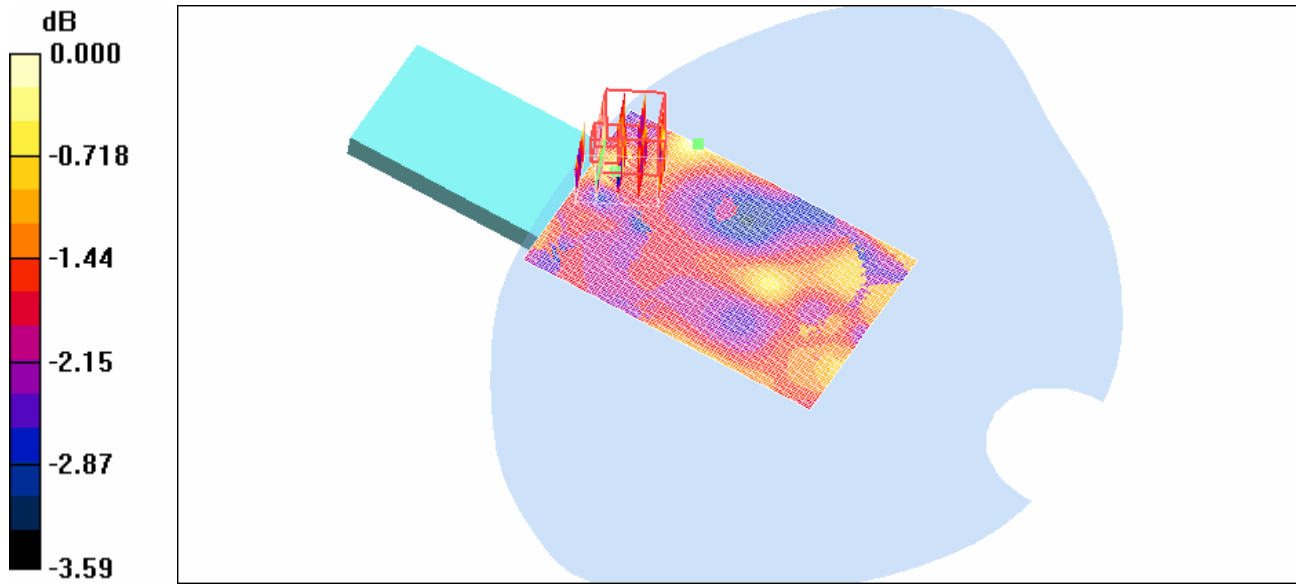Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.008 mW/g

Touch position - Mid_/Area Scan 2 (41x61x1): Measurement grid: dx=20mm, dy=20mm

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

0 dB = 0.008mW/g

Date/Time: 11/06/2008 9:54:58 PM

Test Laboratory: RTS
File Name: LeftHandSide_802.11b_low_chan_amb_temp_23_2_liq_temp_22_3C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 207401C8
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.89 mho/m; ε_r = 37.6; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Low/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.273 mW/g

Touch position - Low/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
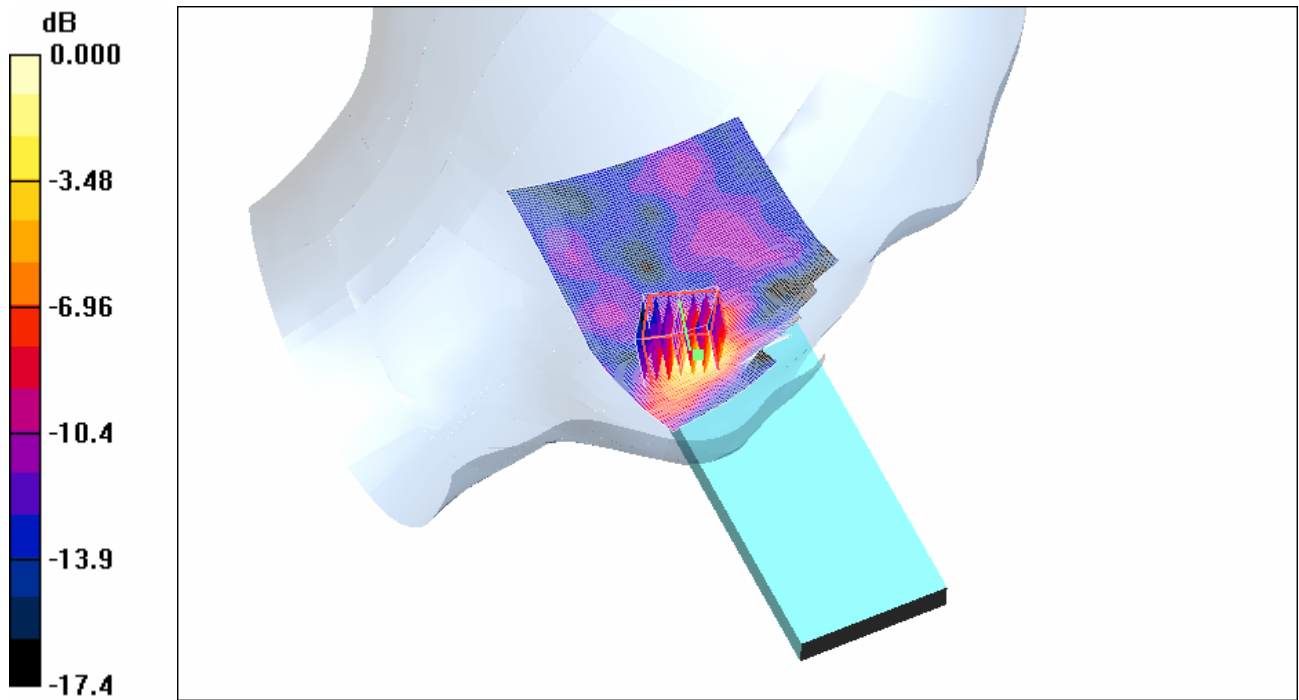Reference Value = 11.4 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.491 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.067 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.317 mW/g

RTS	Document	Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**	**13(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.317mW/g

Date/Time: 11/06/2008 10:40:56 AM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_802.11b_mid_chan_amb_temp_23_0_liq_temp_22_2C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 207401C8
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.94 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Mid/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.029 mW/g

Touch position - Mid/Zoom Scan (7x7x9) 2 (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
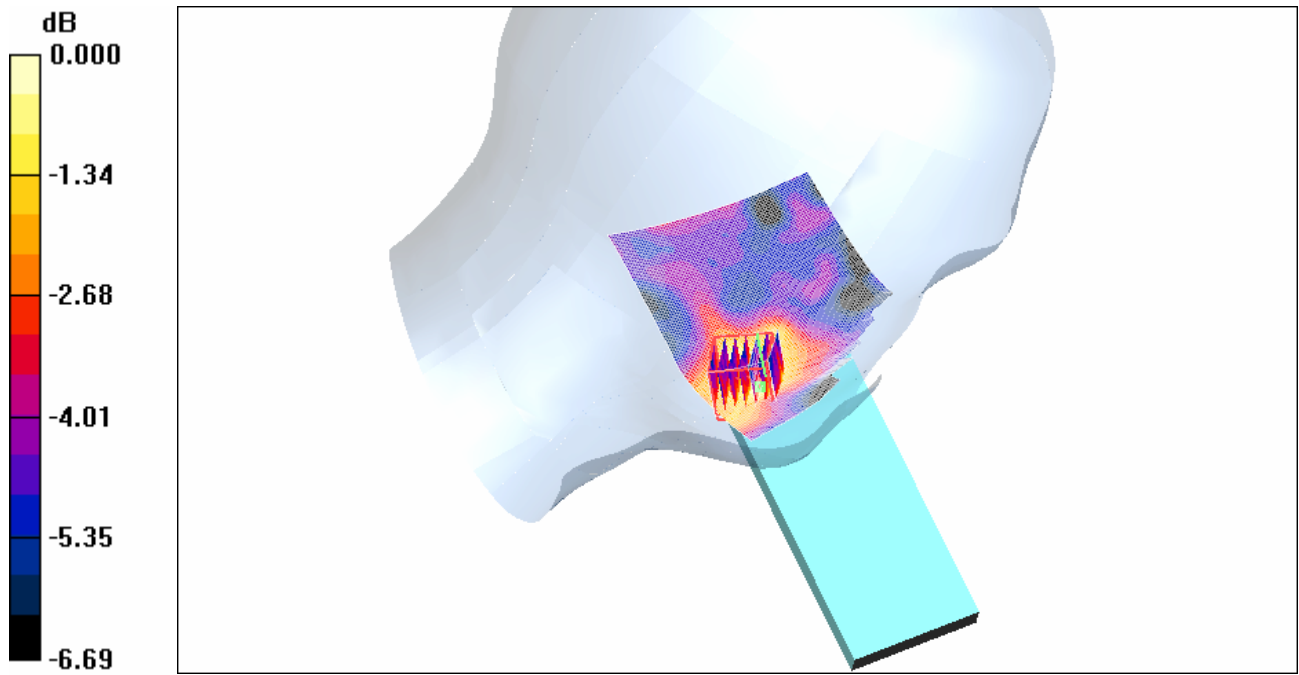Reference Value = 3.85 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.038 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.016 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.032 mW/g

RTS	Document	Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**	**15(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.032mW/g

Date/Time: 11/06/2008 1:52:15 PM

Test Laboratory: RTS
File Name: RightHandSide_802.11b_low_chan_amb_temp_23.0_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 207401C8
Program Name: Compliance Testing:(Right-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.89 mho/m; ε_r = 37.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Low/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.089 mW/g

Touch position - Low/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.22 V/m; Power Drift = -0.127 dB
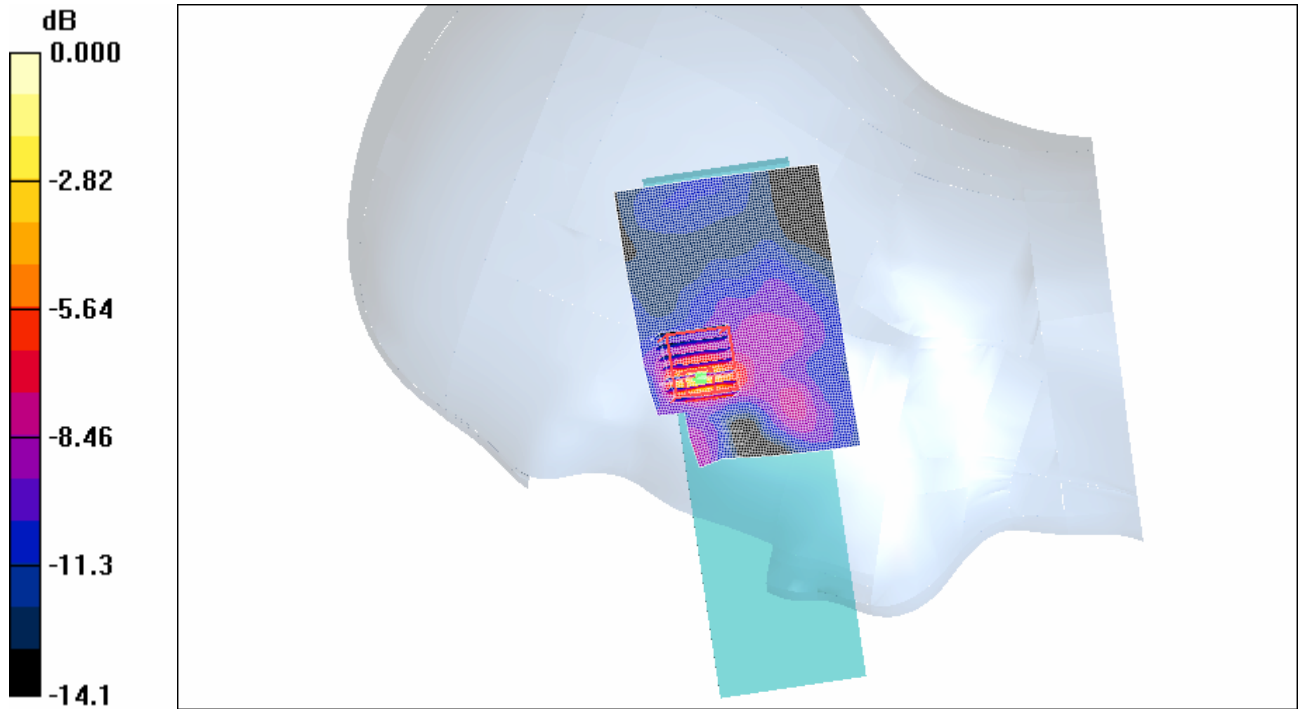Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.042 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.177 mW/g

0 dB = 0.177mW/g

Date/Time: 11/06/2008 2:30:09 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_802.11b_amb_temp_22.5_liq_temp_21.6C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 207401C8
Program Name: Compliance Testing:(Right-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.94 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Tilt position - Middle/Area Scan (71x81x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.020 mW/g

Tilt position - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
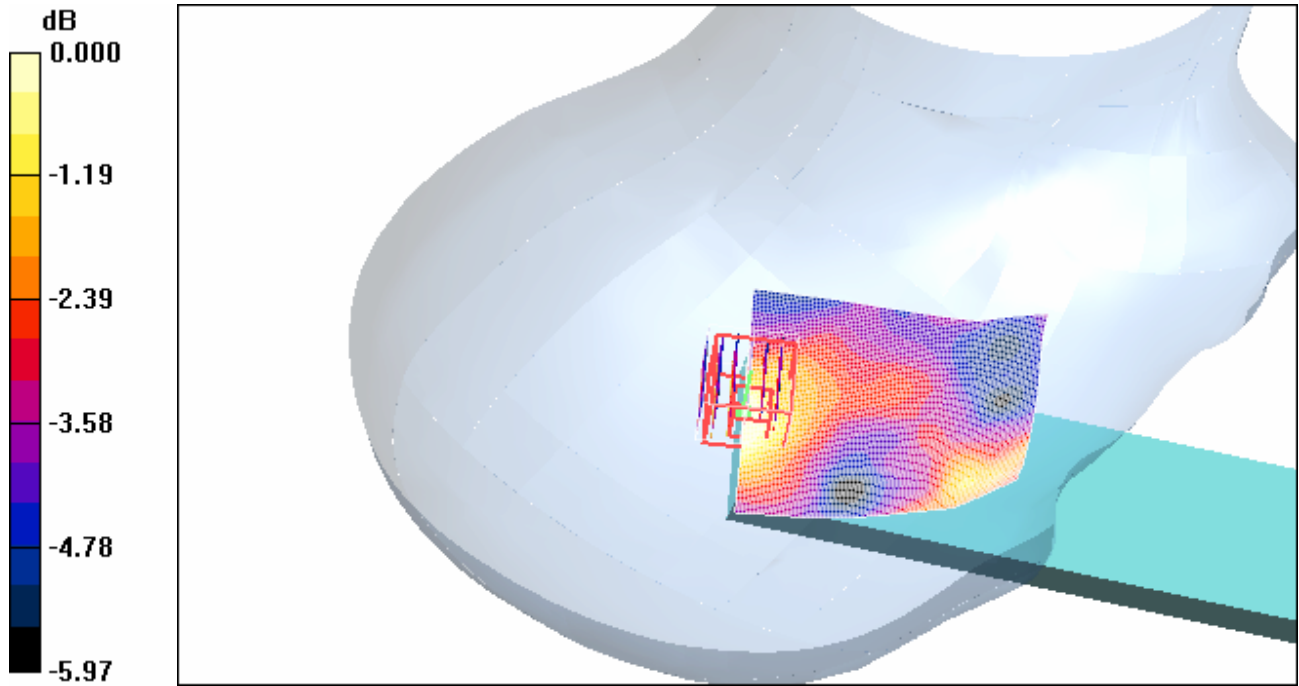Reference Value = 2.55 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.026 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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

RTS	Document		Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**		**19(61)**

Author Data **Shahriar Ninad**	Dates of Test **June 02-24, 2008**	Test Report No **RTS-1114-0806-05**	FCC ID: **L6ARBY40GW**

0 dB = 0.019mW/g

Date/Time: 11/06/2008 11:30:38 AM

Test Laboratory: RTS
File Name:
Head_Flat_phantom_802.11b_mid_chan_amb_temp_23.1_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 207401C8
Program Name: Compliance Testing: Head Flat Phantom

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.94 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Middle/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.351 mW/g

Touch position - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
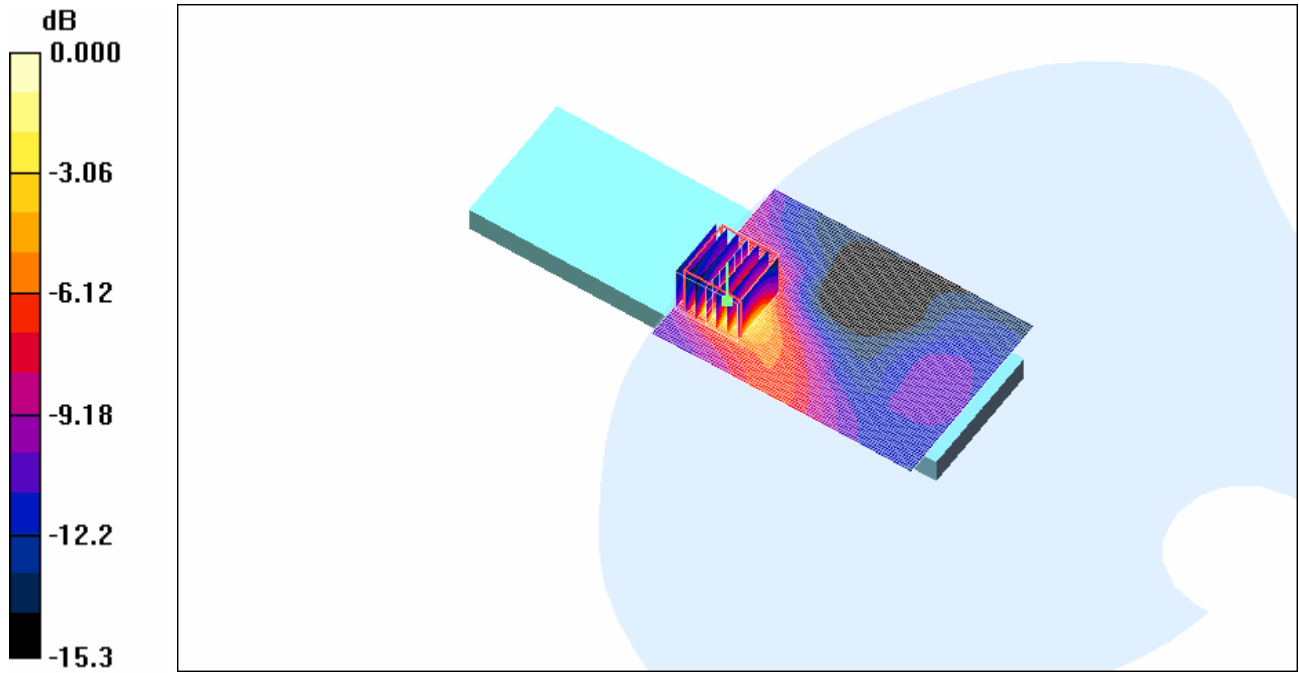Reference Value = 3.47 V/m; Power Drift = 0.181 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.074 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.285 mW/g

0 dB = 0.285mW/g

Date/Time: 09/06/2008 4:18:43 PM

Test Laboratory: RTS
File Name:
RightHandSide_EDGE850_PIN20743668_mid_chan_amb_temp_23.7_liq_temp_22.6C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.642 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.1 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.96 W/kg
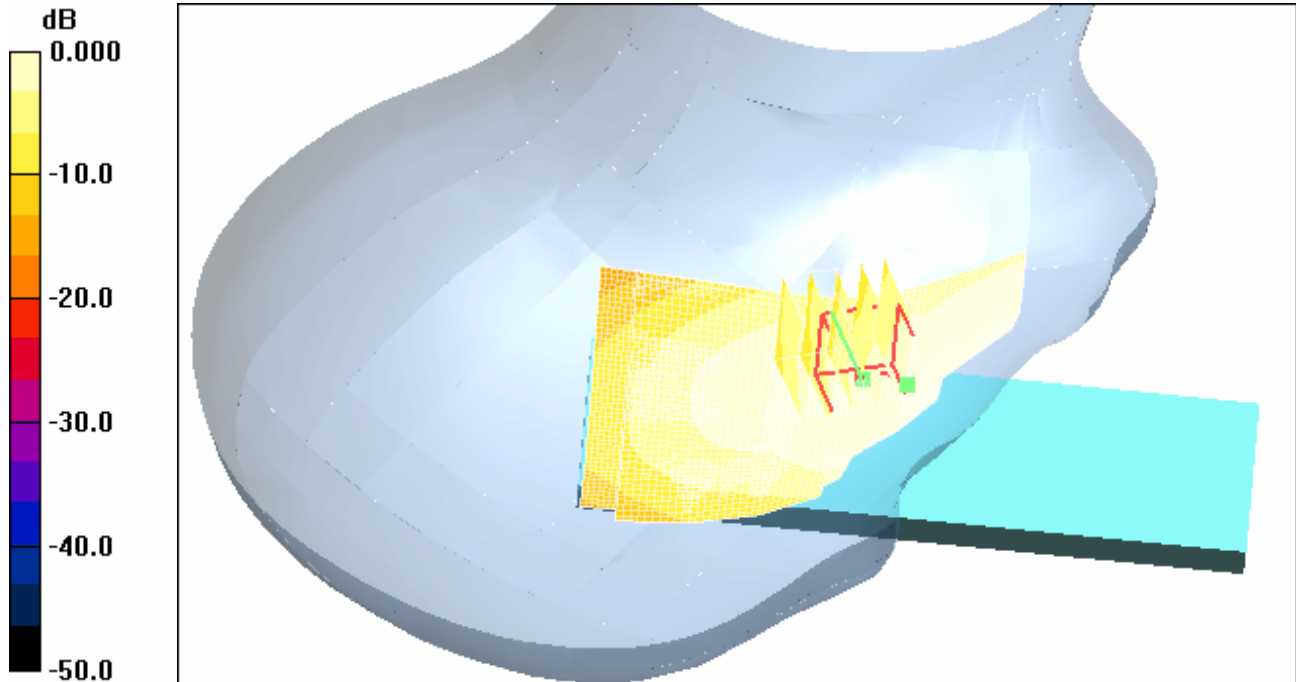**SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.278 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.660 mW/g

RTS
RIM Testing Services

Document
Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report

Page
23(61)

Author Data
Shahriar Ninad

Dates of Test
June 02-24, 2008

Test Report No
RTS-1114-0806-05

FCC ID:
L6ARBY40GW

Touch position - Middle/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.311 mW/g

0 dB = 0.311mW/g

Date/Time: 09/06/2008 5:12:25 PM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_EDGE850_PIN20743668_mid_chan_amb_temp_24.2_liq_temp_22.6C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.104 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.067 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
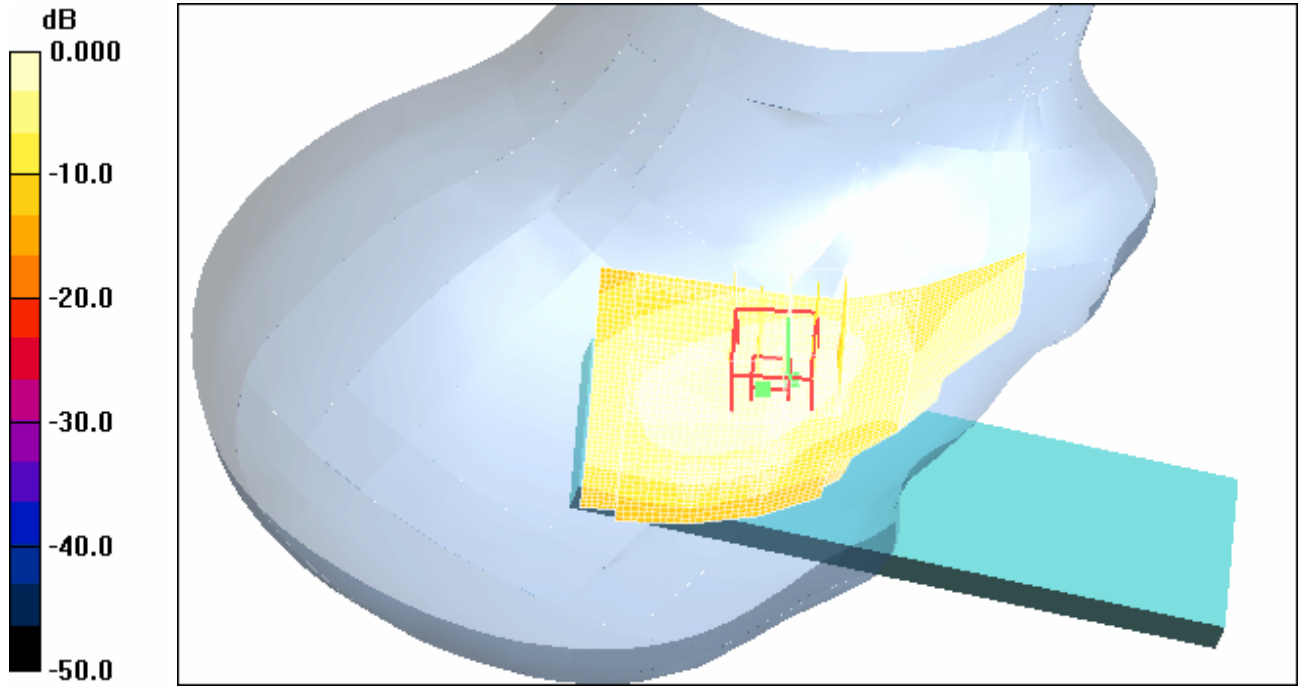Maximum value of SAR (measured) = 0.097 mW/g

Touch position - Middle/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

RTS	Document **Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**	Page **25(61)**
RIM Testing Services		

Author Data **Shahriar Ninad**	Dates of Test **June 02-24, 2008**	Test Report No **RTS-1114-0806-05**	FCC ID: **L6ARBY40GW**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.106 mW/g

0 dB = 0.106mW/g

RTS	Document	Page
RIM Testing Services	Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report	**26(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

Date/Time: 09/06/2008 4:37:42 PM

Test Laboratory: RTS
File Name:
RightHandSide_GSM850_PIN20743668_mid_chan_amb_temp_24_1_liq_temp_22_7C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
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 = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.367 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.161 mW/g

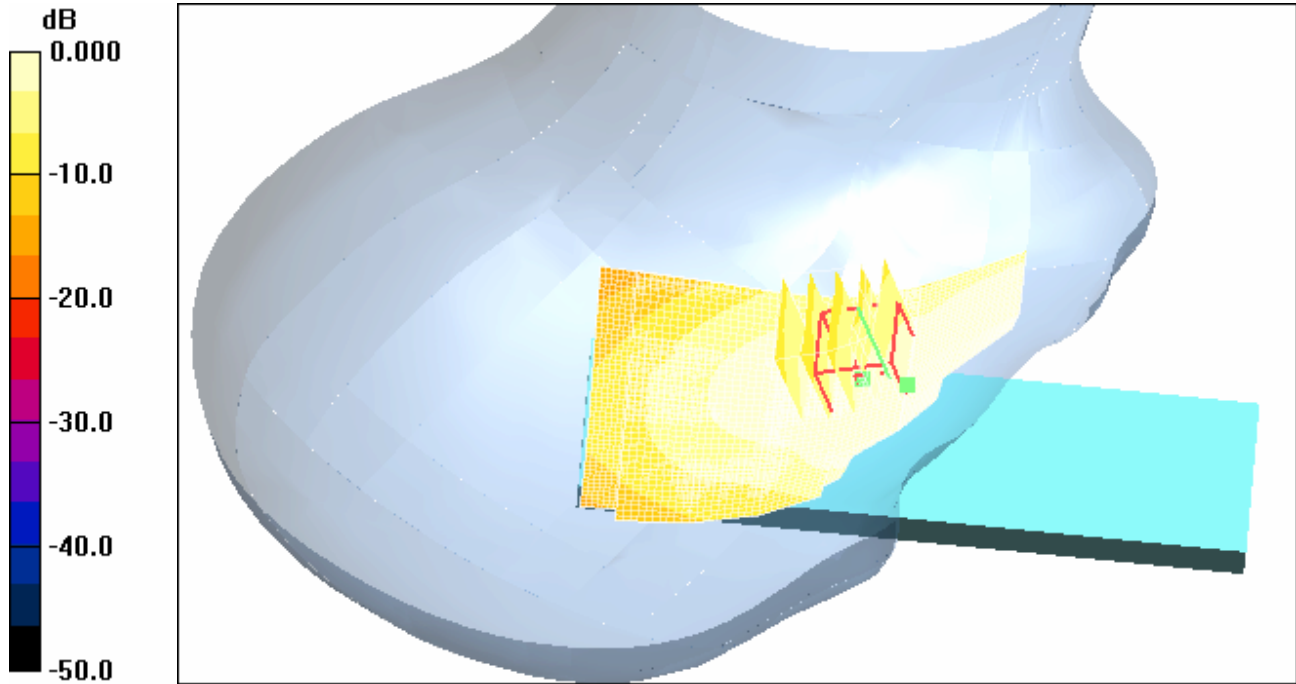Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.398 mW/g

Touch position - Middle/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.192 mW/g

0 dB = 0.192mW/g

Date/Time: 09/06/2008 2:24:03 PM

Test Laboratory: RTS
File Name:
LeftHandSide_EDGE850_mid_chan_PIN20743668_amb_temp_23_9_liq_temp_22_3C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

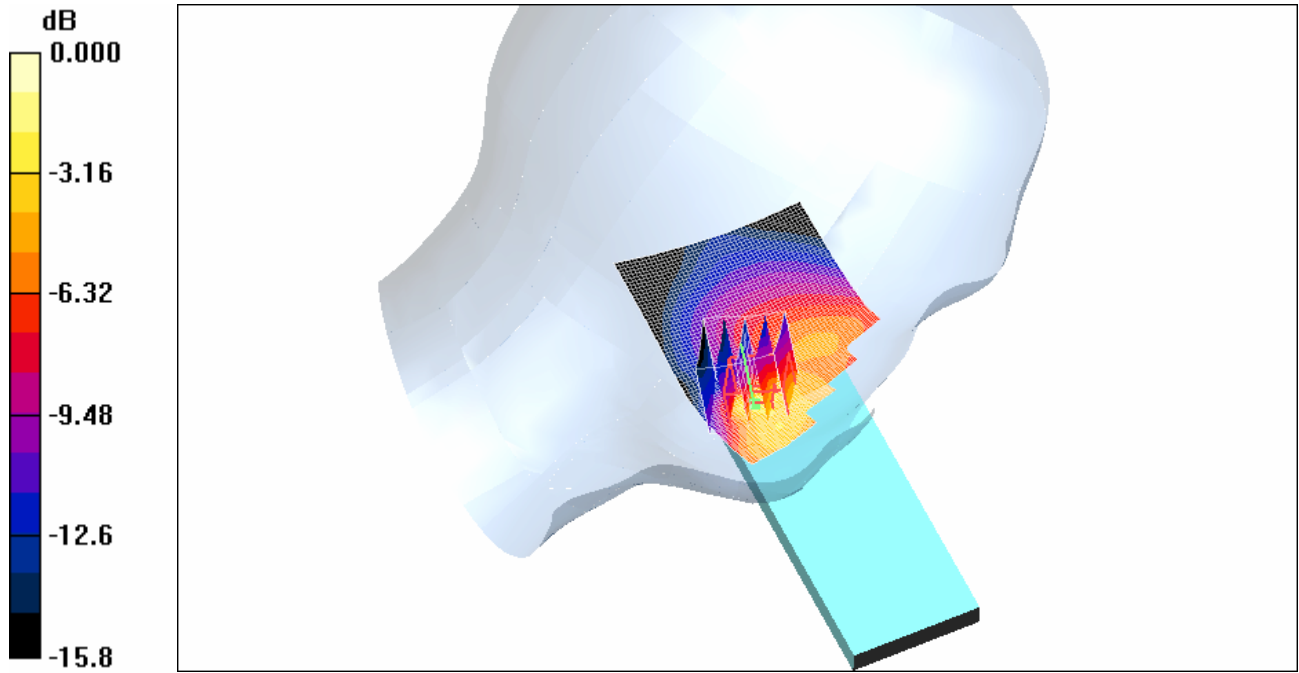Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.541 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.1 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 2.35 W/kg
SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.289 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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

RTS
RIM Testing Services

Document
Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report

Page
29(61)

Author Data
Shahriar Ninad

Dates of Test
June 02-24, 2008

Test Report No
RTS-1114-0806-05

FCC ID:
L6ARBY40GW

0 dB = 0.836mW/g

Date/Time: 09/06/2008 3:51:14 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_EDGE850_PIN20743668_mid_chan_amb_temp_23.5_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.098 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
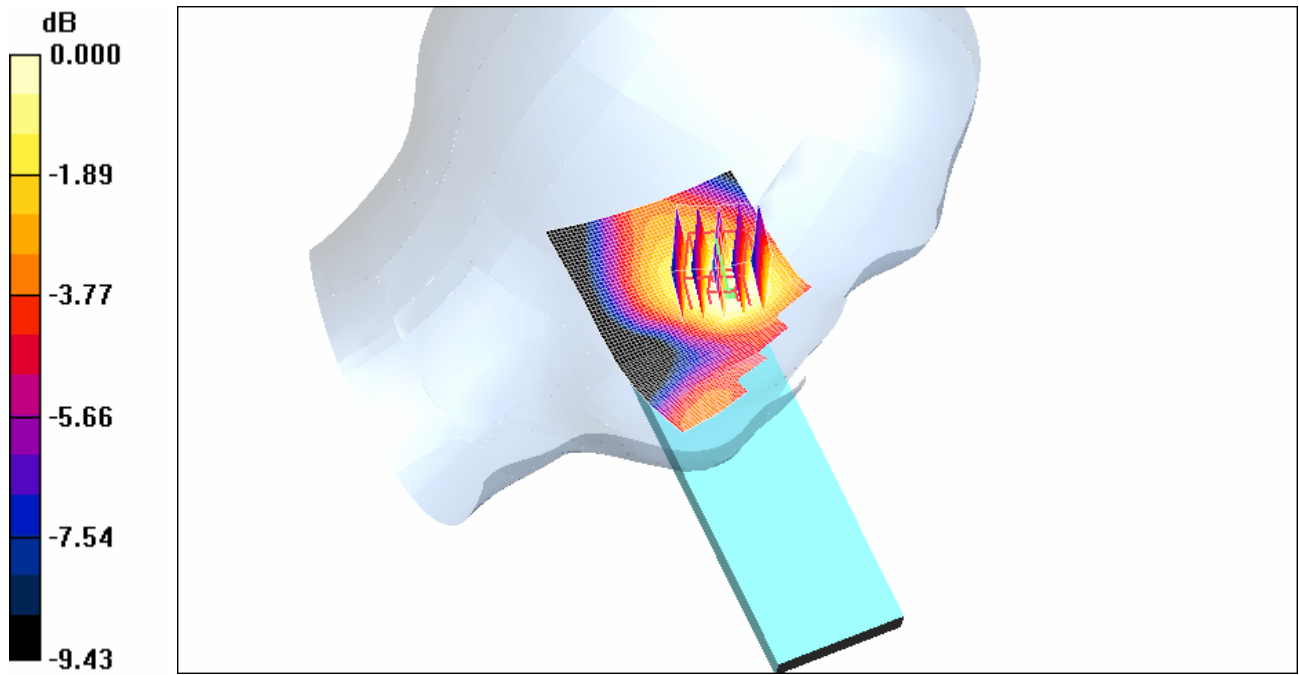Reference Value = 10.7 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.067 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.098 mW/g

0 dB = 0.098mW/g

Date/Time: 09/06/2008 3:27:24 PM

Test Laboratory: RTS
File Name:
LeftHandSide_GSM850_mid_chan_PIN20743668_amb_temp_23_5_liq_temp_22_4C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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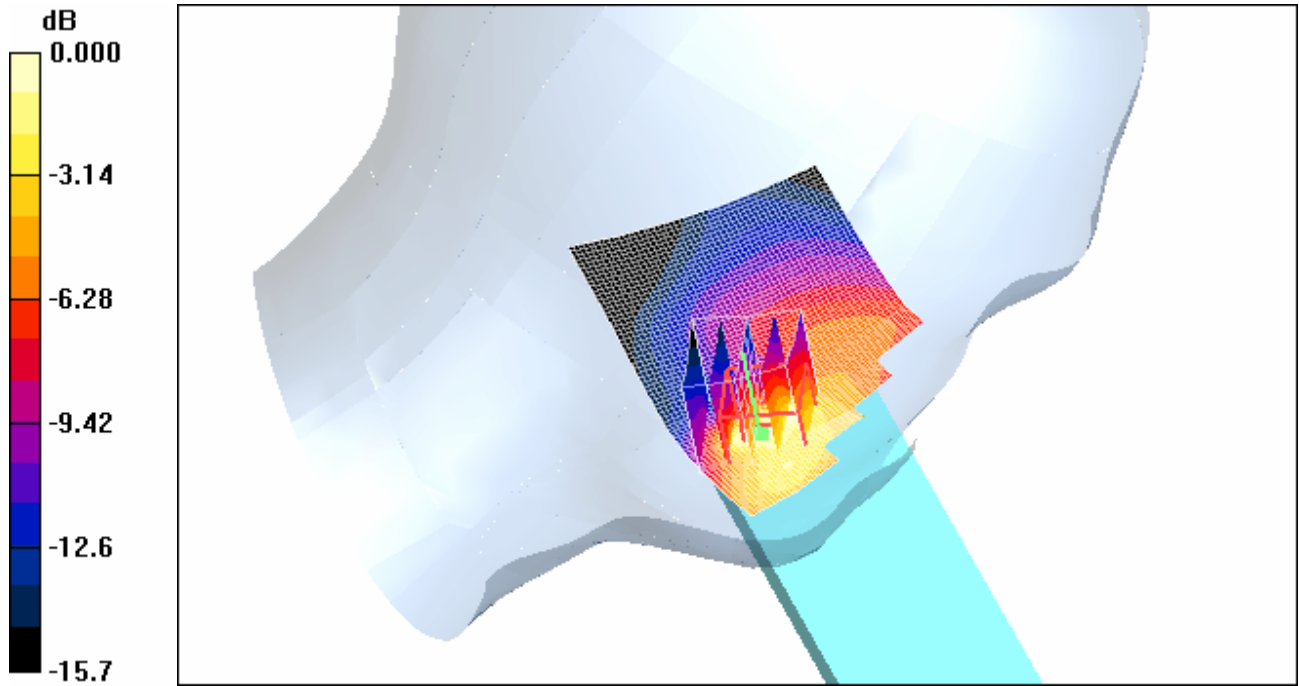Maximum value of SAR (interpolated) = 0.415 mW/g

Touch position - Middle_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = -0.179 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.203 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.452 mW/g

RTS	Document	Page
	Appendix for the BlackBerry® Smartphone Model RBY41GW	**33(61)**
RIM Testing Services	**SAR Report**	

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.452mW/g

Date/Time: 09/06/2008 6:11:51 PM

Test Laboratory: RTS
File Name:
Head_Flat_phantom_EDGE850_mid_chan_PIN20743668_amb_temp_23.4_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: Head Flat Phantom

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

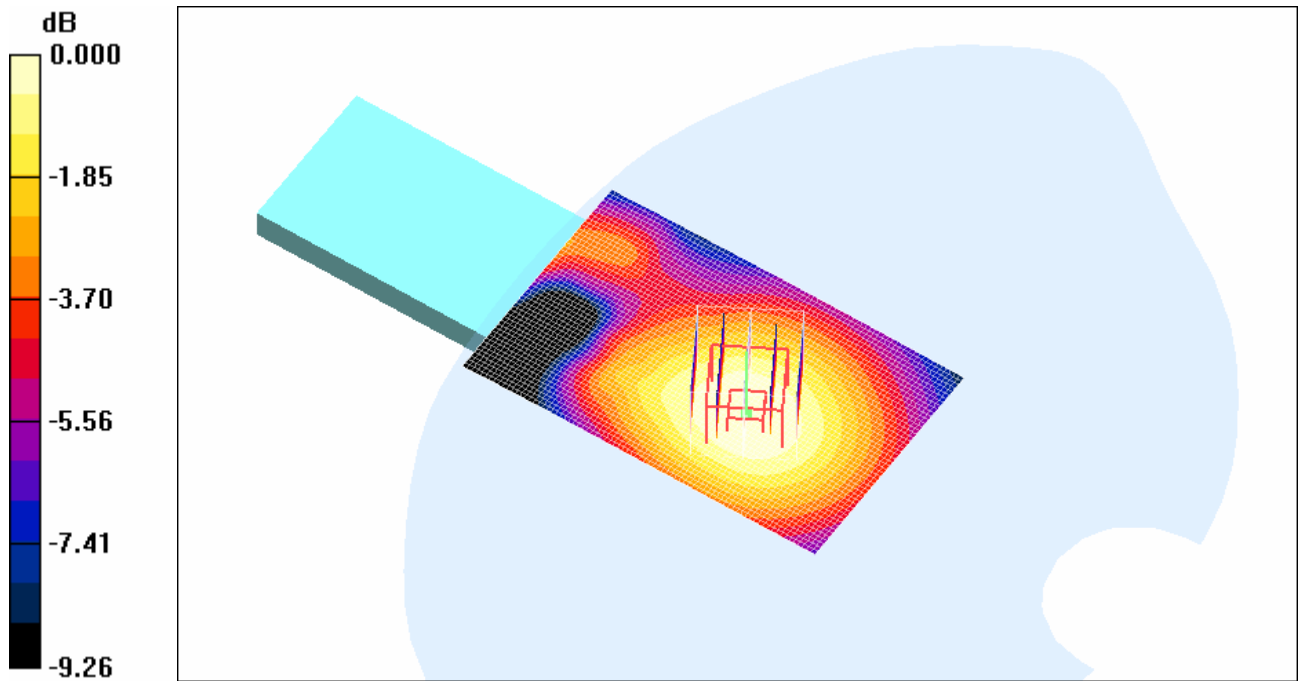Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.466 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 0.574 W/kg
SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.310 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.459 mW/g

RTS	Document	Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**	**35(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.459mW/g

Date/Time: 09/06/2008 6:40:56 PM

Test Laboratory: RTS
File Name:
Head_Flat_phantom_GSM850_mid_chan_PIN20743668_amb_temp_23.5_liq_temp_22.5C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: Head Flat Phantom

Communication System: GSM 850; Frequency: 836.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.894 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

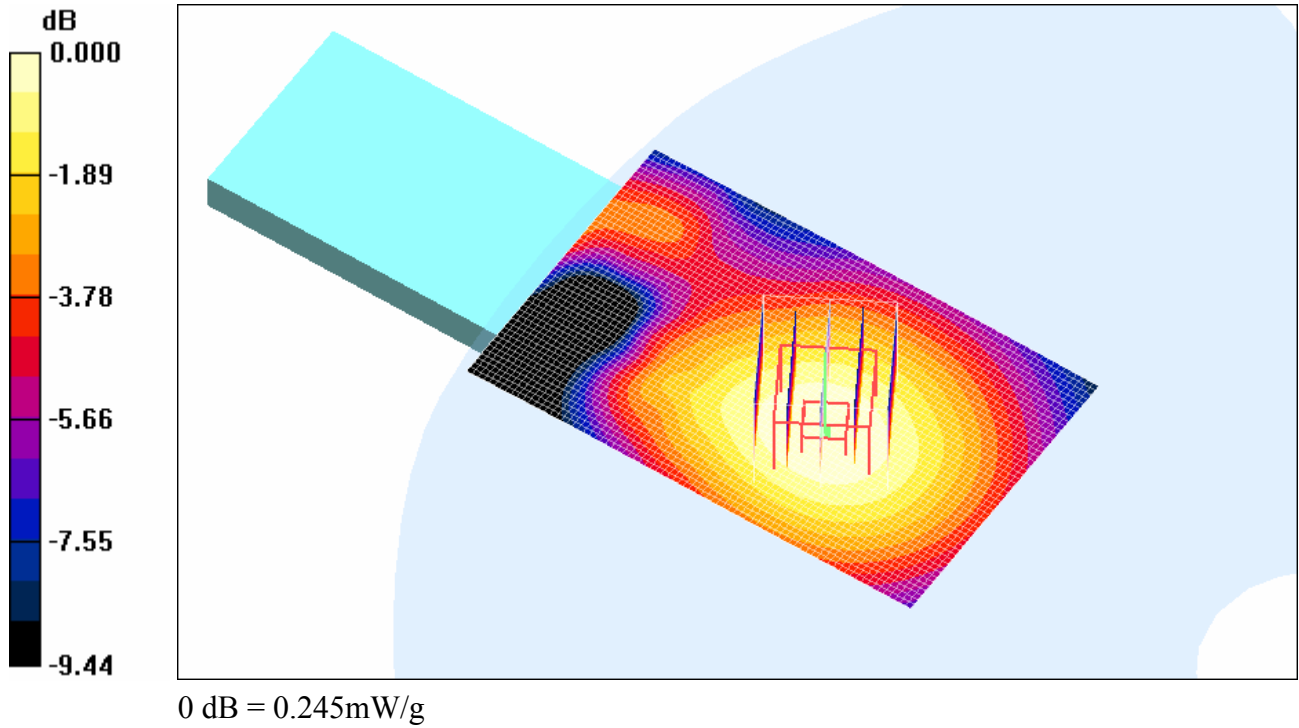Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.246 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.164 mW/g

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

0 dB = 0.245mW/g

| RTS | Document | Page |
| **RIM Testing Services** | Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report | **38(61)** |

| Author Data | Dates of Test | Test Report No | FCC ID: |
| **Shahriar Ninad** | **June 02-24, 2008** | **RTS-1114-0806-05** | **L6ARBY40GW** |

Date/Time: 12/06/2008 9:57:04 PM

Test Laboratory: RTS
File Name:
RightHandSide_EDGE1900_low_chan_amb_temp_23.3_liq_temp_22.5C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.37 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
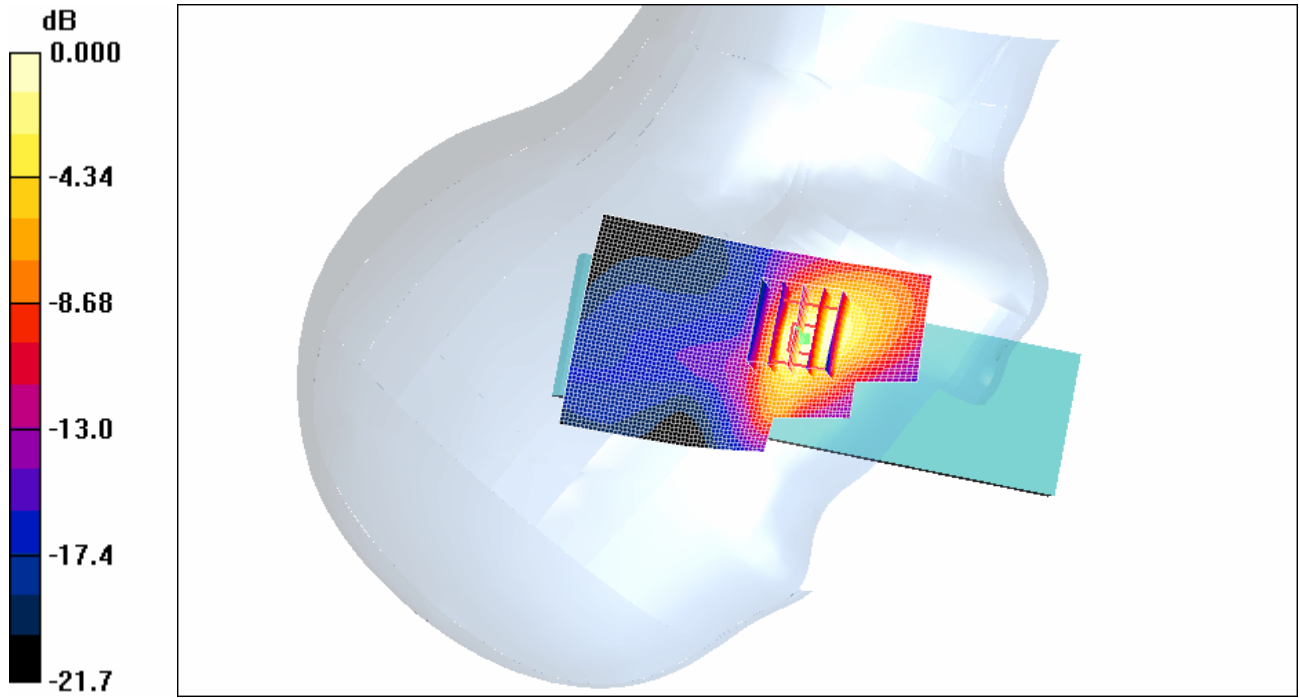Reference Value = 31.1 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.583 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 mW/g

RTS	Document	Page
	Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report	**39(61)**
RIM Testing Services		

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 1.19mW/g

Date/Time: 13/06/2008 9:38:16 AM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_EDGE1900_low_chan_amb_temp_22.9_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.211 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.121 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.204 mW/g

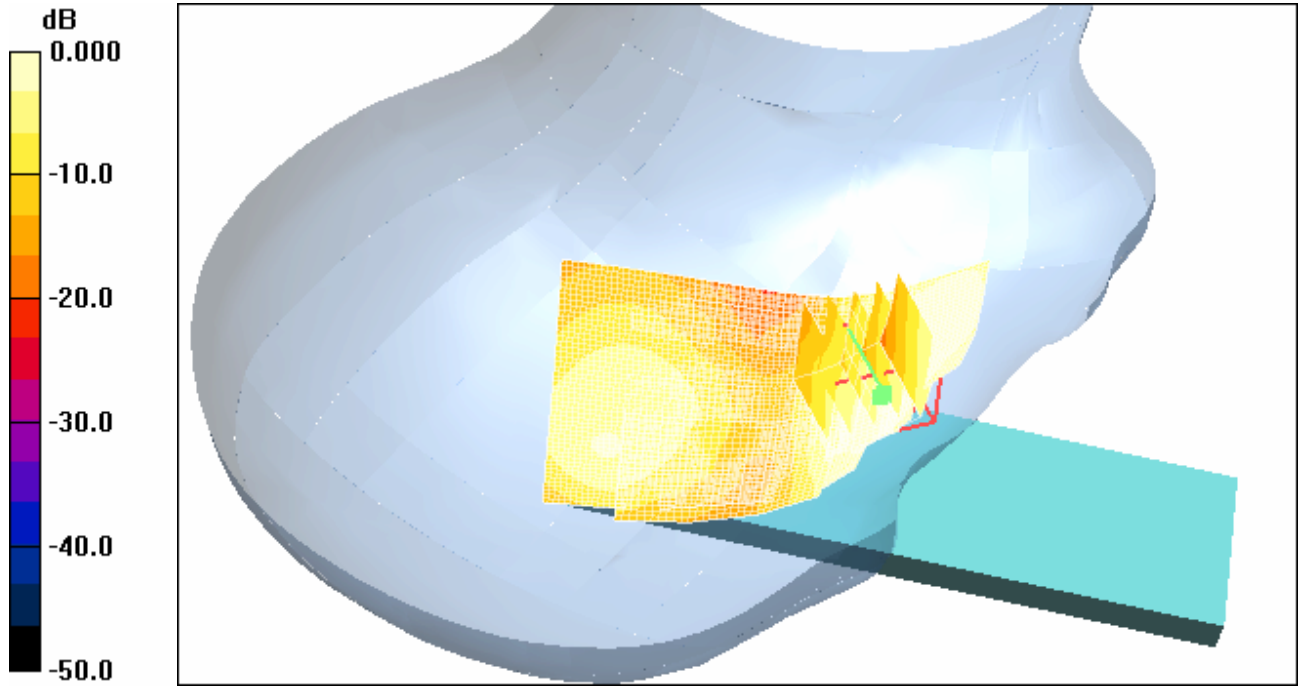**Tilt position - Low/Area Scan 2 (41x41x1):** Measurement grid: dx=20mm, dy=20mm

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

0 dB = 0.238mW/g

Date/Time: 12/06/2008 11:06:15 PM

Test Laboratory: RTS
File Name: RightHandSide_GSM1900_low_chan_amb_temp_23.5_liq_temp_22.6C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.742 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
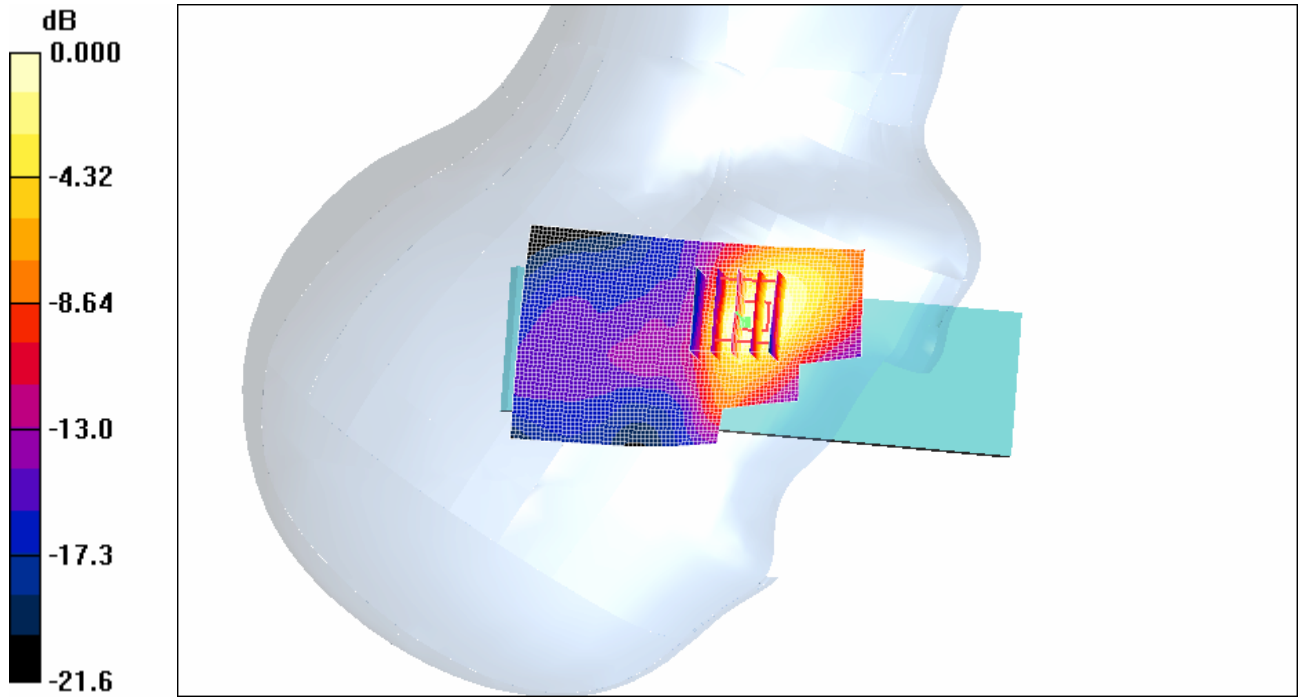Reference Value = 21.2 V/m; Power Drift = 0.083 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.299 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.590 mW/g

0 dB = 0.590mW/g

Date/Time: 12/06/2008 8:07:59 PM

Test Laboratory: RTS
File Name:
LeftHandSide_EDGE1900_mid_chan_amb_temp_23_3_liq_temp_22_5C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.822 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
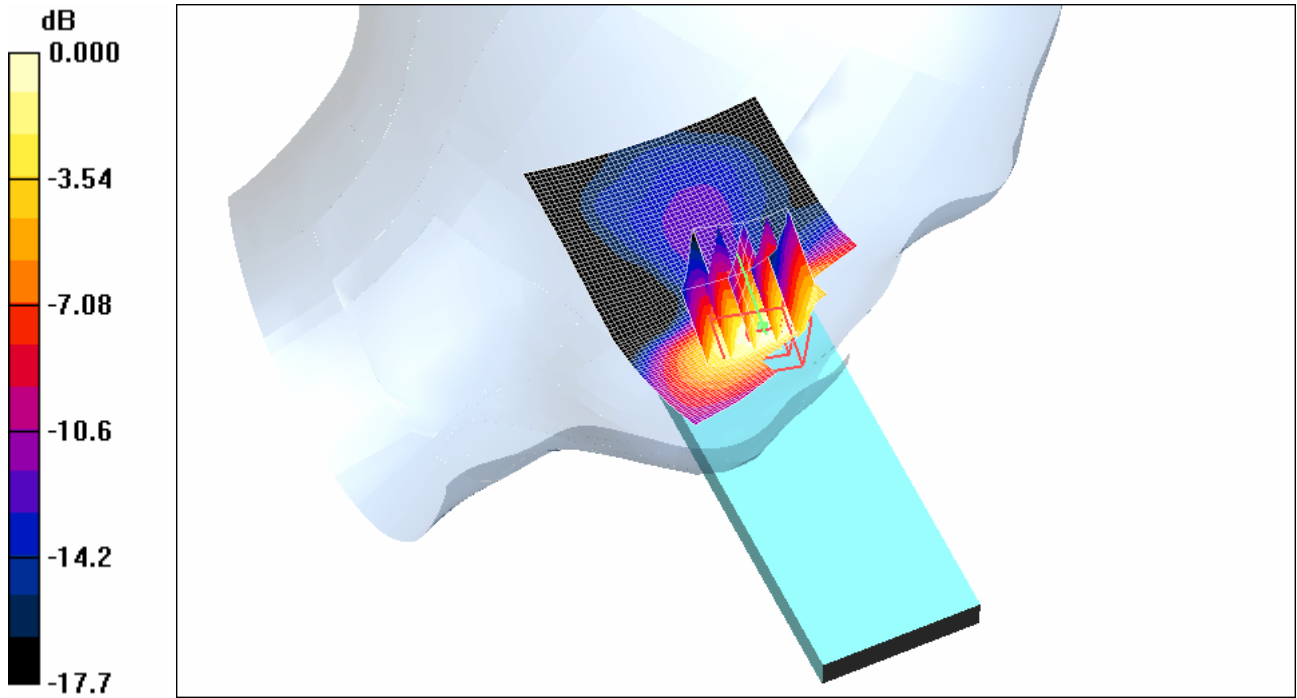Reference Value = 22.6 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.406 mW/g
Maximum value of SAR (measured) = 0.741 mW/g

RTS	Document	Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**	**45(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.741mW/g

Date/Time: 12/06/2008 9:17:01 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_EDGE1900_mid_chan_amb_temp_23.7_liq_temp_22.8C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Tilt position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.229 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
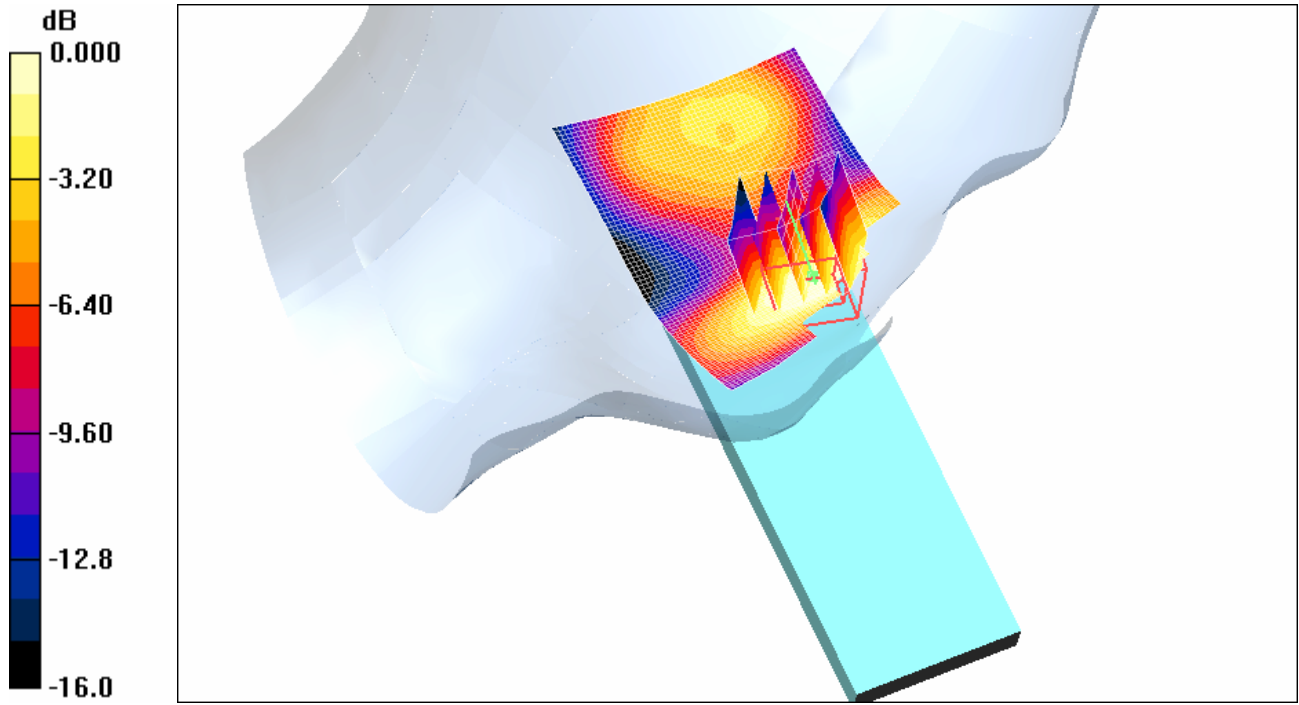Reference Value = 12.6 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.203 mW/g

0 dB = 0.203mW/g

Date/Time: 12/06/2008 8:51:25 PM

Test Laboratory: RTS
File Name: LeftHandSide_GSM1900_mid_chan_amb_temp_23_5_liq_temp_22_6C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.493 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = -0.114 dB
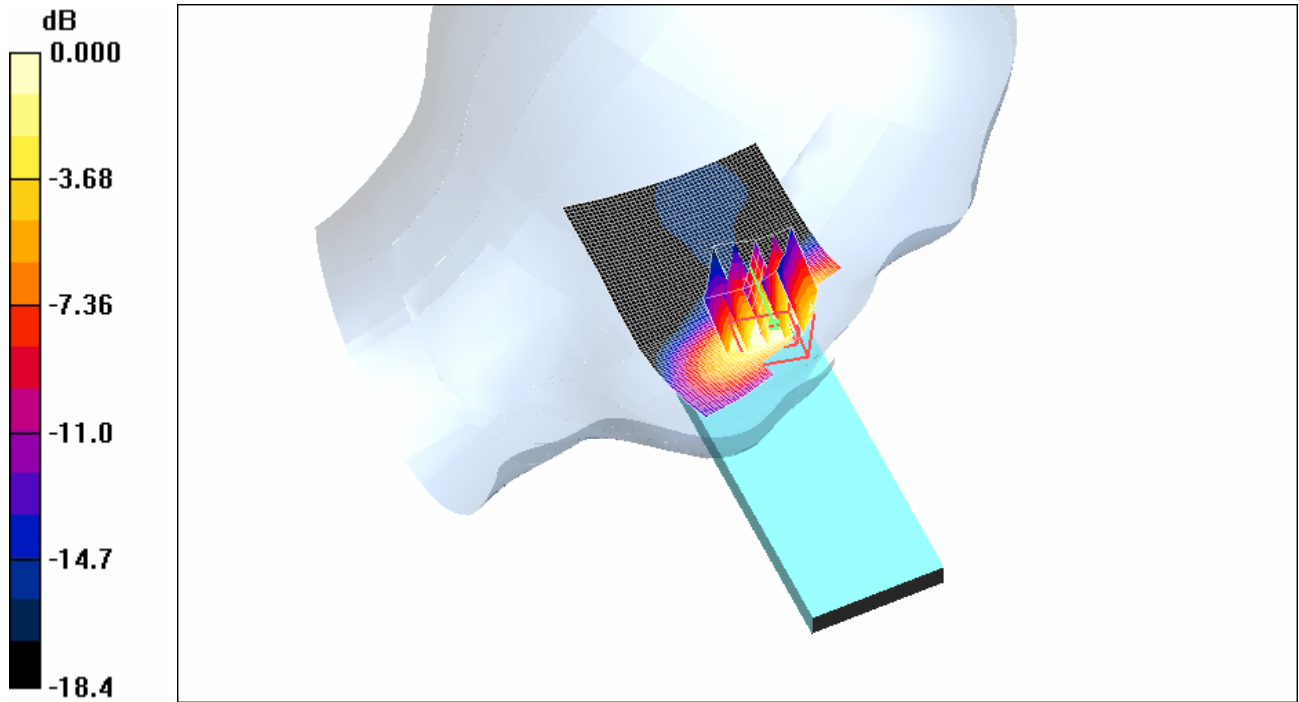Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.449 mW/g

0 dB = 0.449mW/g

Date/Time: 13/06/2008 10:05:52 AM

Test Laboratory: RTS
File Name:
Head_Flat_phantom_EDGE1900_low_chan_amb_temp_22.7_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20743668
Program Name: Compliance Testing: Head Flat Phantom

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.999 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.93 V/m; Power Drift = -0.269 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.530 mW/g

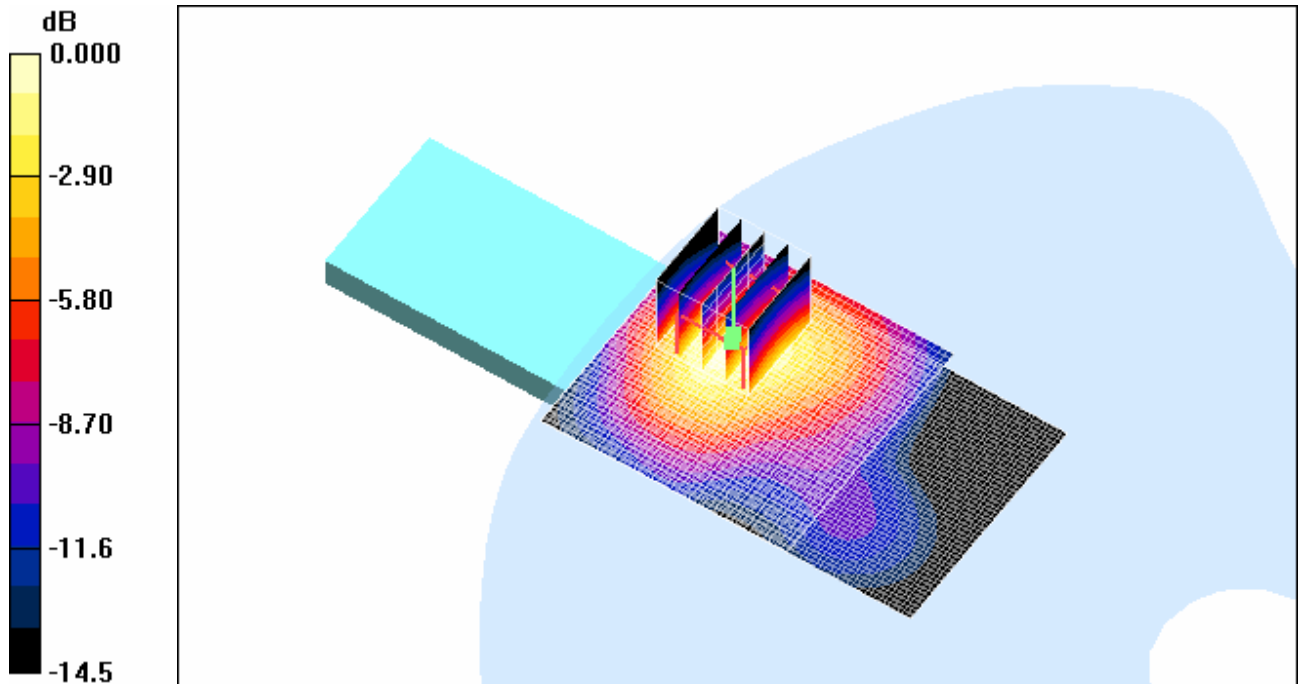Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.984 mW/g

Touch position - Middle/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.13 mW/g

0 dB = 1.13mW/g

Date/Time: 24/06/2008 1:45:29 PM

Test Laboratory: RTS
File Name: RightHandSide_EDGE850_mid_chan_amb_temp_23.0_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20746462
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.862 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.622 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.289 mW/g

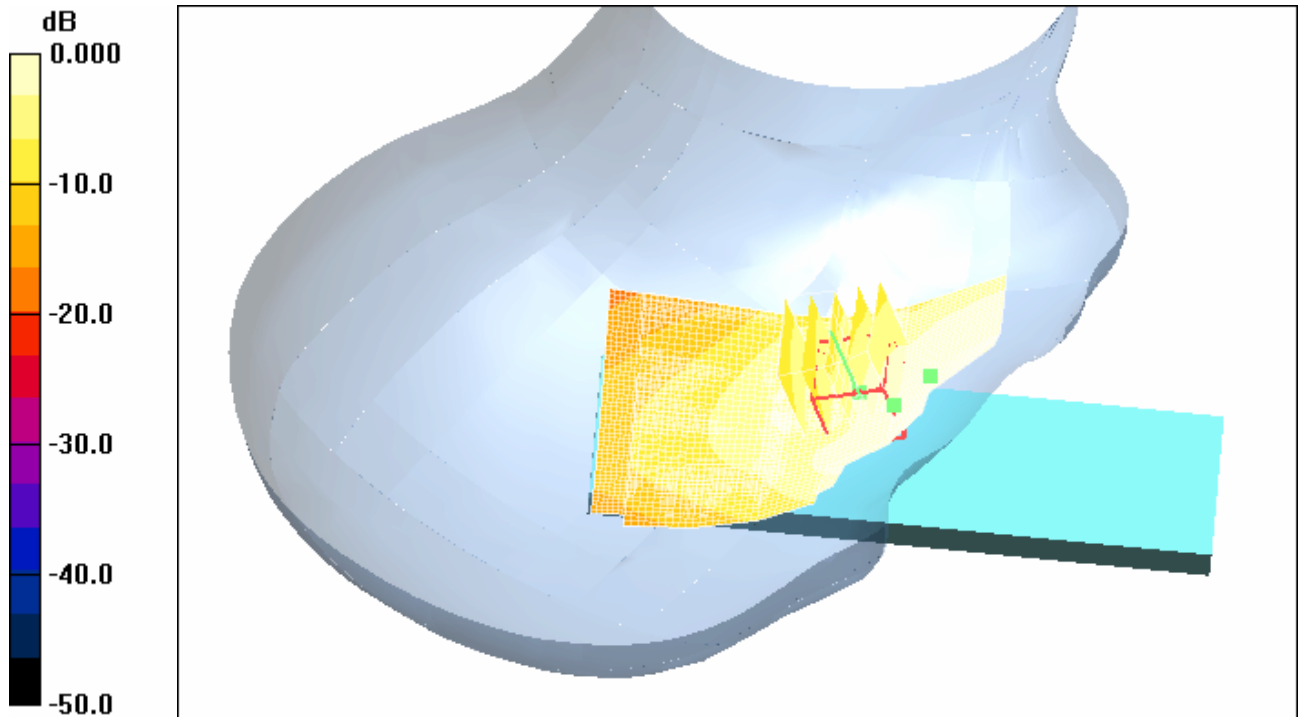Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.704 mW/g

Touch position - Middle/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.453 mW/g

0 dB = 0.453mW/g

Date/Time: 24/06/2008 1:25:15 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE850_mid_chan_amb_temp_23_3_liq_temp_22_5C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20746462
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.862 mho/m; ε_r = 40.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.600 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
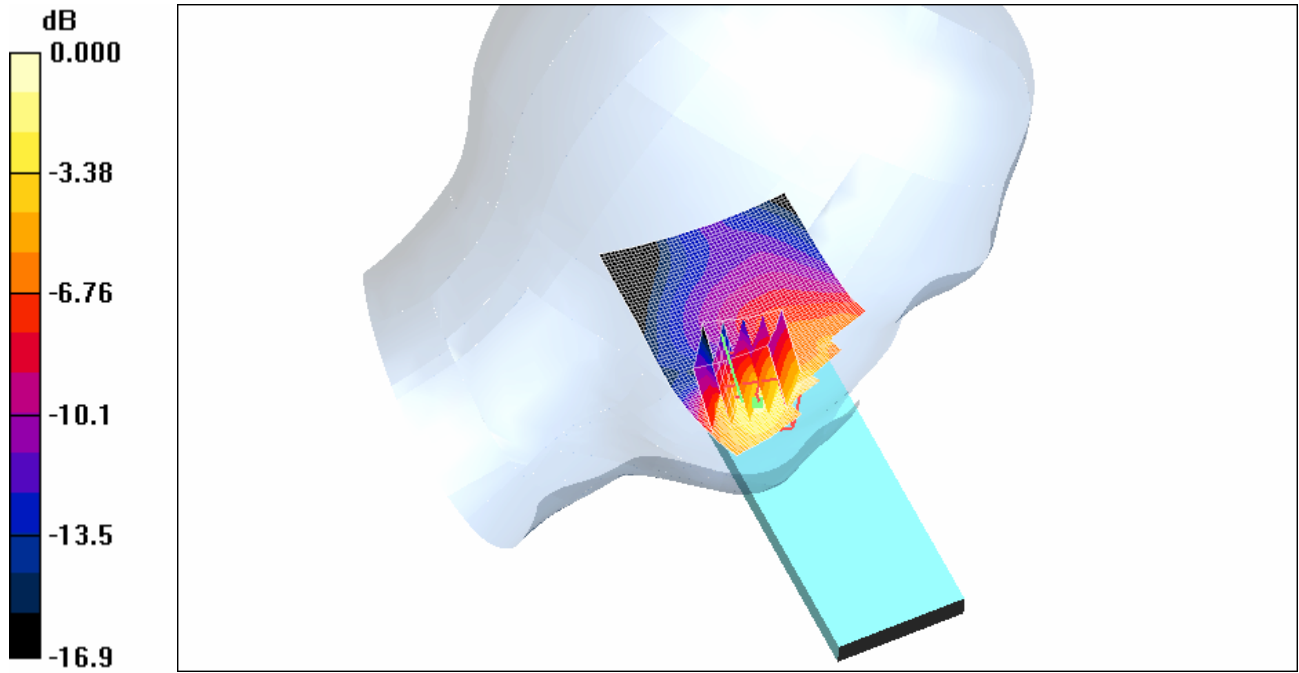Reference Value = 27.2 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.403 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.936 mW/g

RTS	Document	Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**	**55(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.936mW/g

Date/Time: 20/06/2008 6:40:52 PM

Test Laboratory: RTS
File Name:
RightHandSide_EDGE1900_mid_chan_amb_temp_22.6_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20746462
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
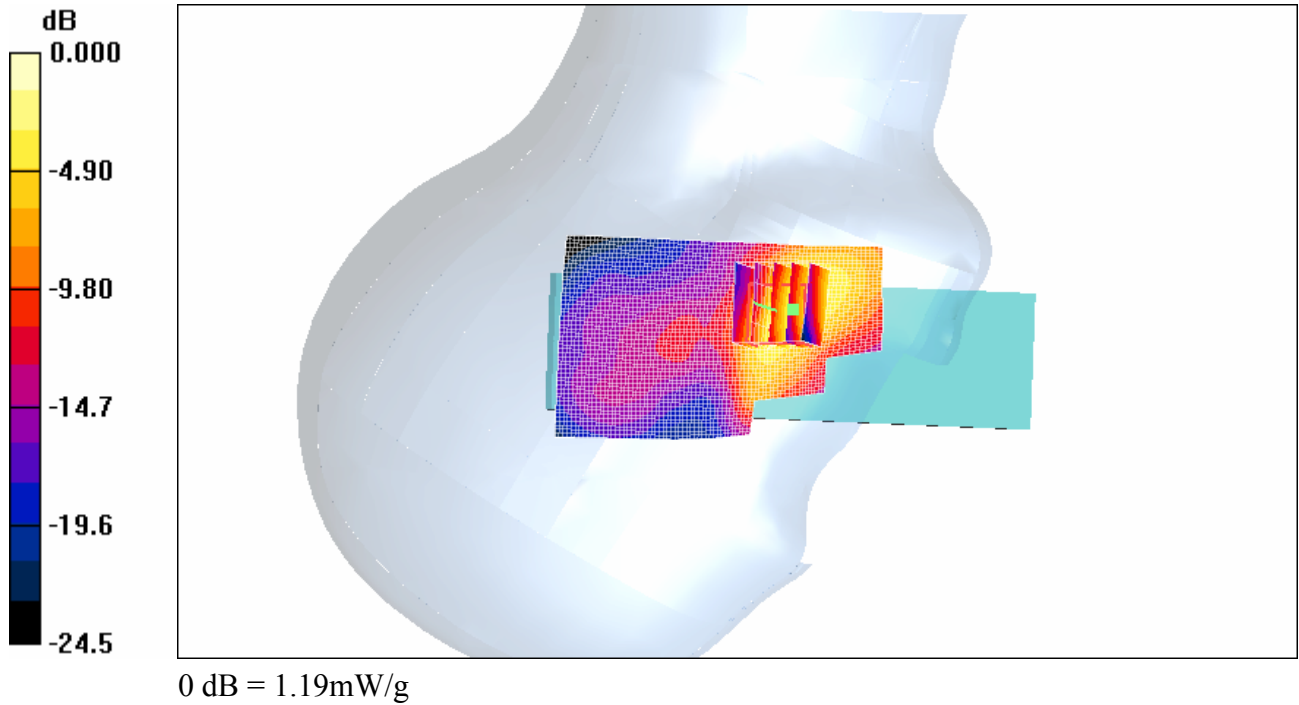Reference Value = 29.7 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.592 mW/g
Maximum value of SAR (measured) = 1.19 mW/g

RTS	Document	Page
	Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report	**57(61)**
RIM Testing Services		

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 1.19mW/g

Date/Time: 20/06/2008 7:32:02 PM

Test Laboratory: RTS
File Name:
LeftHandSide_EDGE1900_low_chan_amb_temp_23_2_liq_temp_22_0C.da4

DUT: BlackBerry Smartphone; Type: ; Serial: 20746462
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.987 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
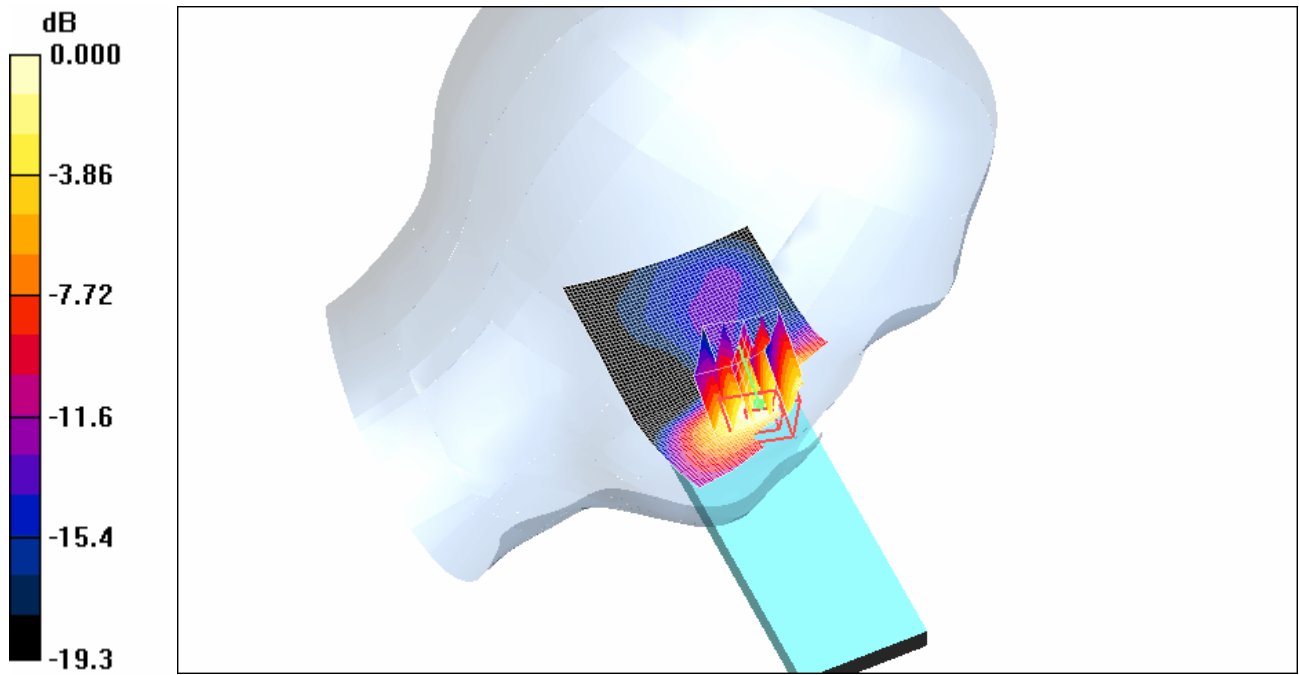Reference Value = 27.6 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.535 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
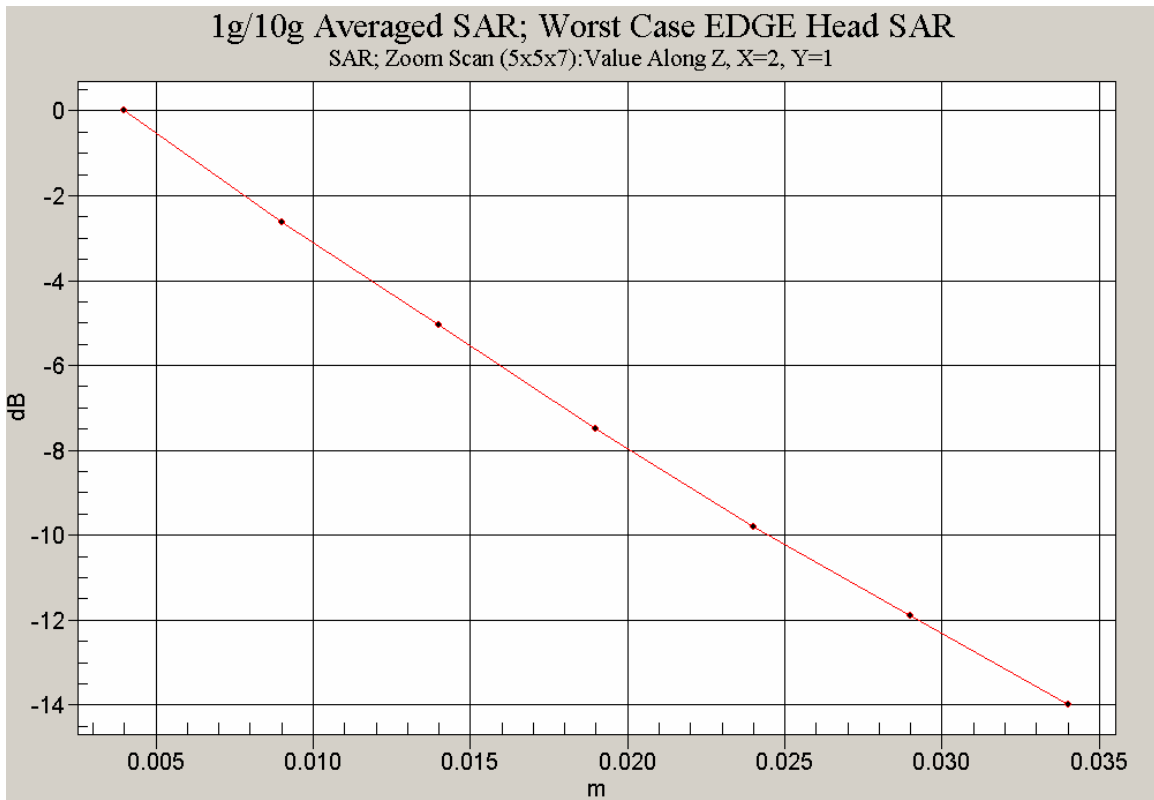Maximum value of SAR (measured) = 0.961 mW/g

RTS	Document	Page
RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBY41GW SAR Report**	**59(61)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

0 dB = 0.961mW/g

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**June 02-24, 2008**	**RTS-1114-0806-05**	**L6ARBY40GW**

Z axis plot for the worst case head configuration:

1g/10g Averaged SAR; Worst Case EDGE Head SAR
SAR; Zoom Scan (5x5x7):Value Along Z, X=2, Y=1

1g/10g Averaged SAR; Worst Case WLAN Head SAR
SAR; Zoom Scan (7x7x9):Value Along Z, X=5, Y=3