
	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 1(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30

APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		2(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 4:16:48 PM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE850_low_chan_amb_temp_23.2_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 825$ MHz; $\sigma = 0.853$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.805 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:


dx=7.5mm, dy=7.5mm, dz=5mm

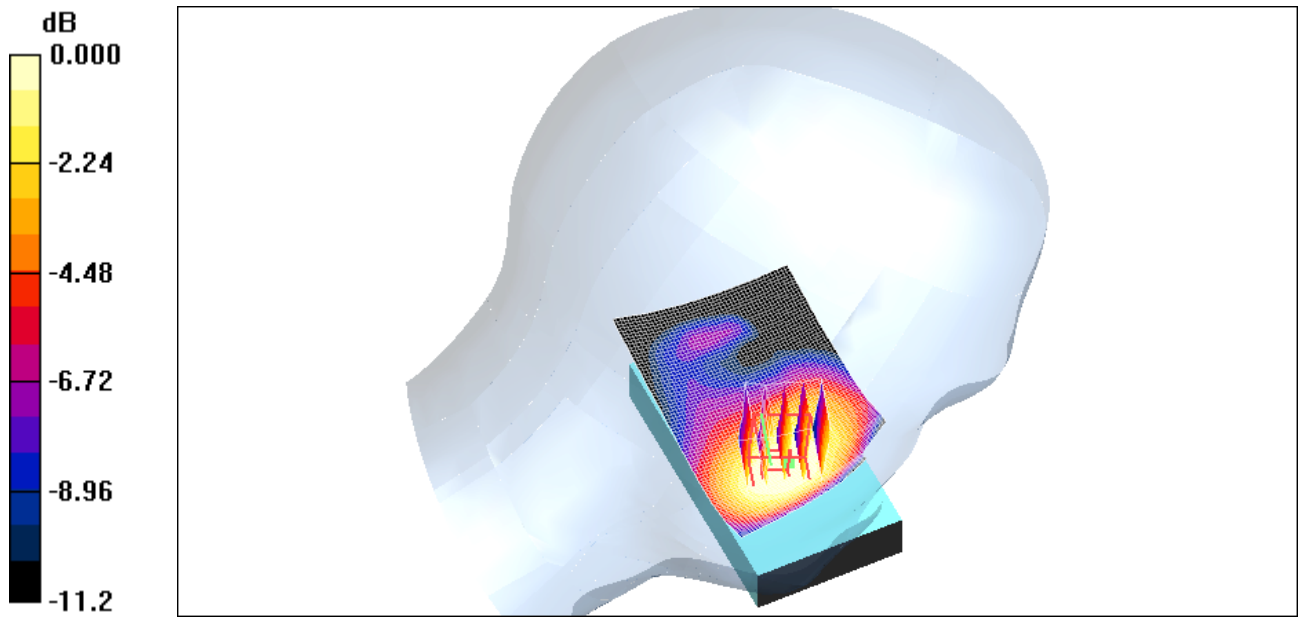
Reference Value = 13.9 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.975 W/kg


SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.547 mW/g

Maximum value of SAR (measured) = 0.783 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 3(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.783mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		4(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 4:30:59 PM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE850_mid_chan_amb_temp_23.8_liq_temp_22.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
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; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.851 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 11.8 V/m; Power Drift = 0.059 dB

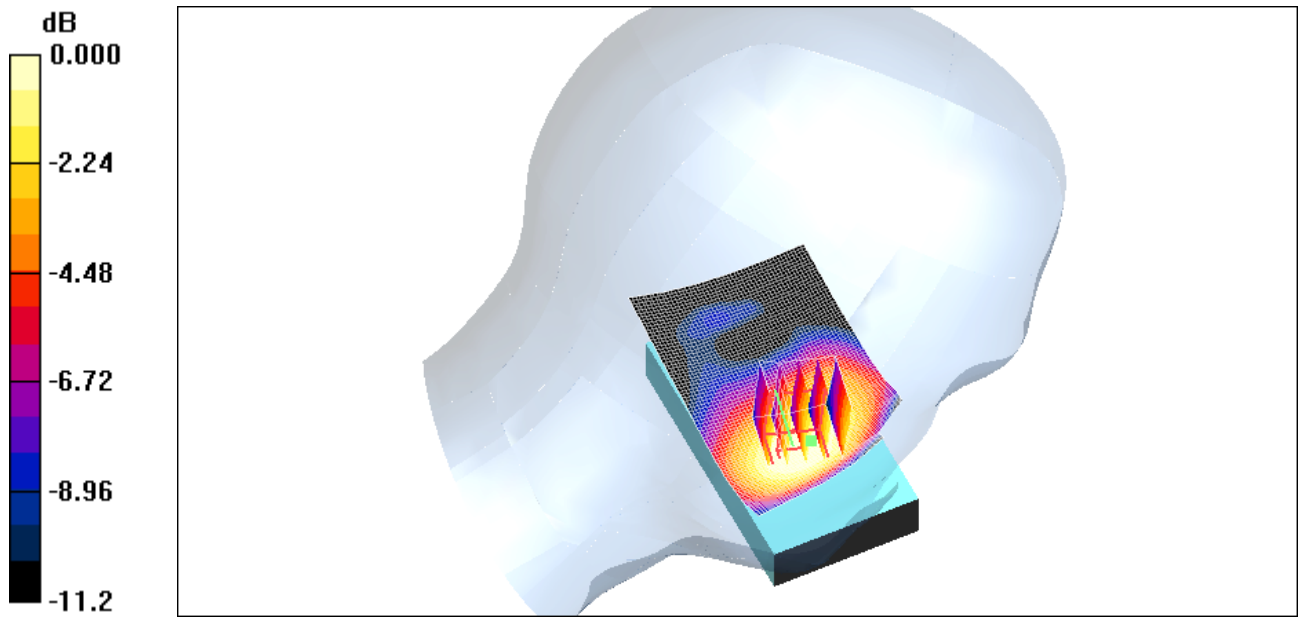
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.582 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.838 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 5(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.838mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		6(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 4:46:07 PM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE850_high_chan_amb_temp_23.5_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.732 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.11 V/m; Power Drift = 0.085 dB

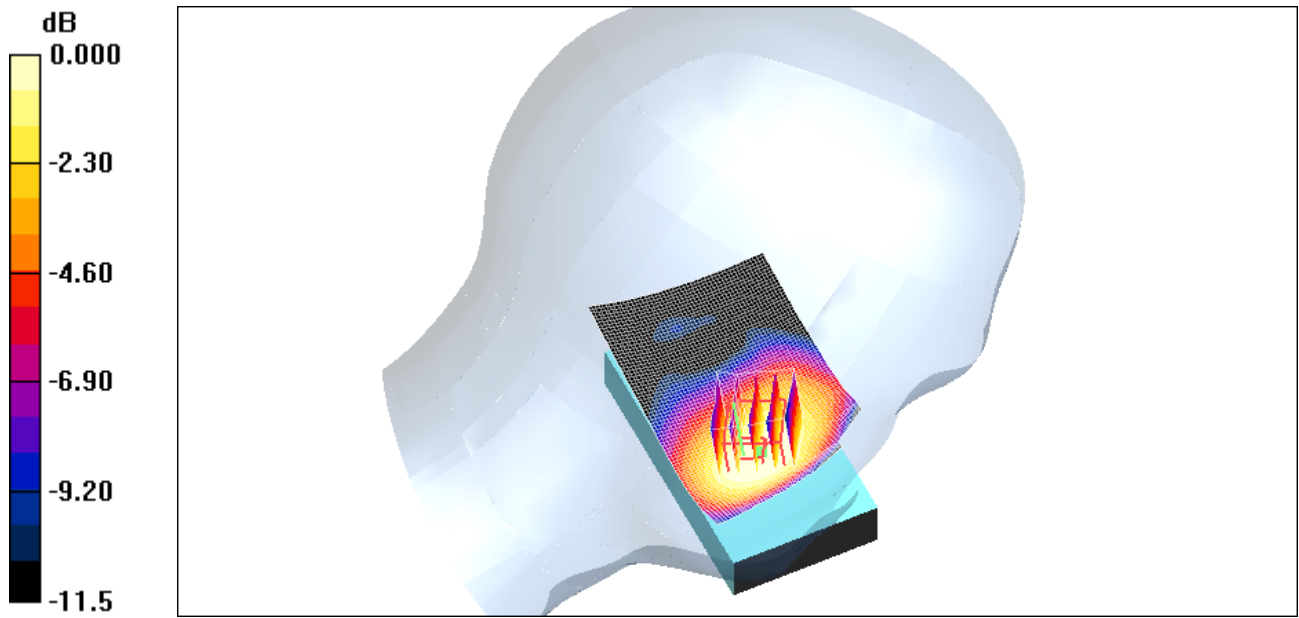
Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.506 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.721 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 7(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.721mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		8(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 5:40:18 PM

Test Laboratory: RTS

File Name: [LeftHandSide_GSM850_mid_chan_amb_temp_23.4_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: GSM 850; Frequency: 836.8 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.830 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 13.6 V/m; Power Drift = 0.110 dB

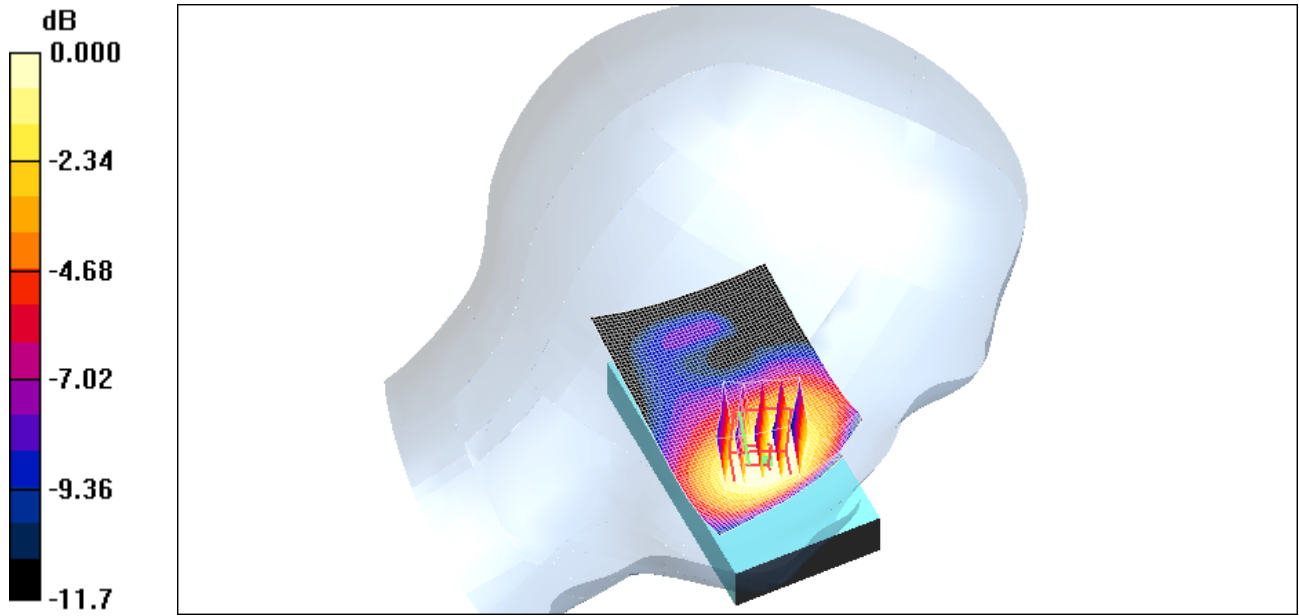
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.559 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.805 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 9(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.805mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		10(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 5:15:17 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_Tilt_EDGE850_mid_chan_amb_temp_23.5_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (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; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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 (51x91x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.359 mW/g

Tilt 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 = 0.393 dB

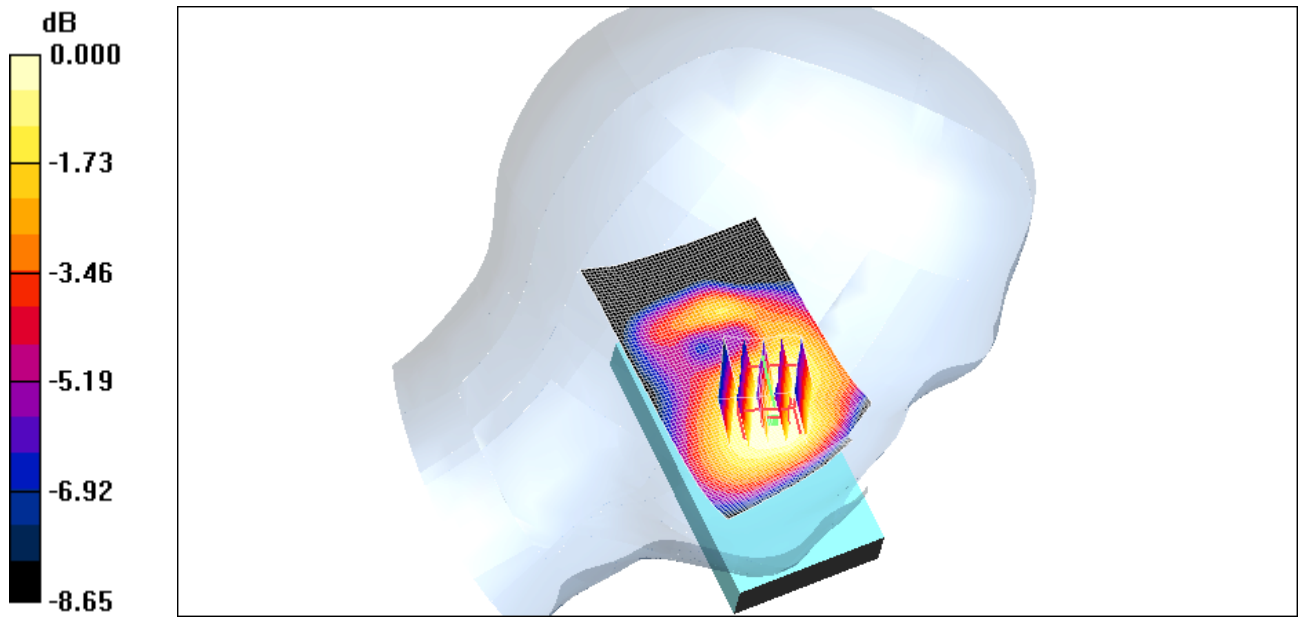
Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.257 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.346 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 11(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.346mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		12(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 10/08/2009 7:42:11 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_EDGE850_3_slots_mid_chan_amb_temp_23.2_liq_temp_22.8C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 836.8 MHz; Duty Cycle: 1:2.8
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.862$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.724 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 10.1 V/m; Power Drift = 0.011 dB

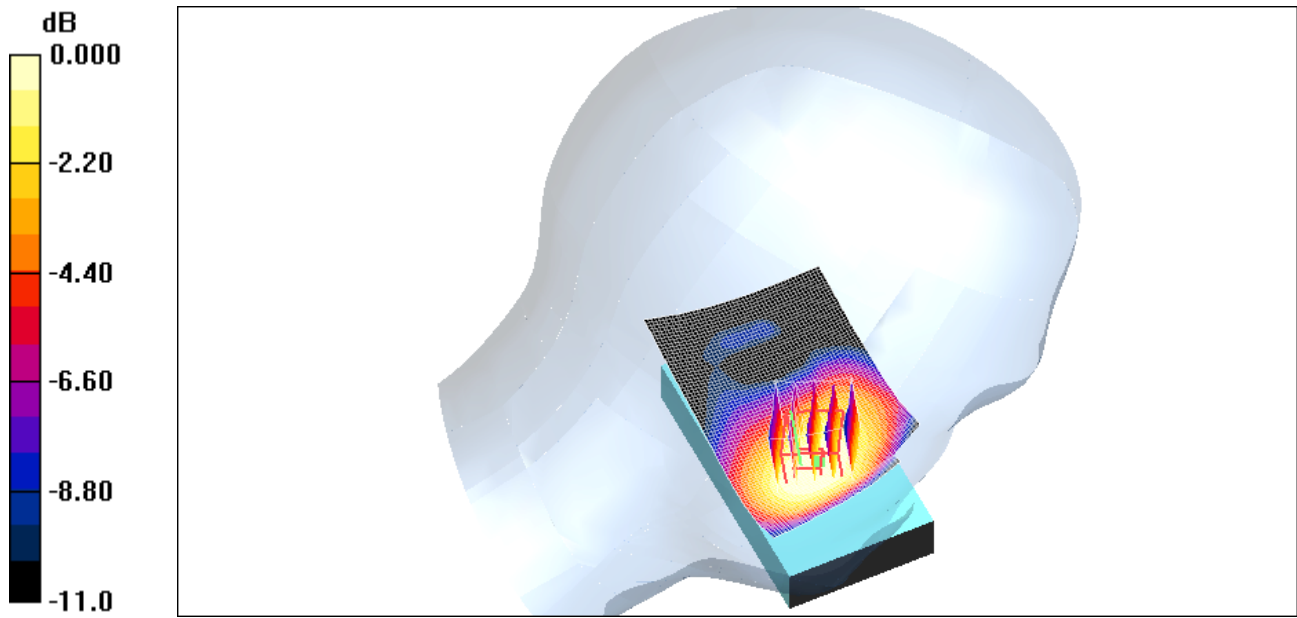
Peak SAR (extrapolated) = 0.876 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.490 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.700 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 13(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.700mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		14(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 10/08/2009 7:57:45 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_EDGE850_4_slots_mid_chan_amb_temp_23.3_liq_temp_22.8C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: EDGE 850 (4 slots); Frequency: 836.8 MHz; Duty Cycle: 1:2.1
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.862$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.615 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.43 V/m; Power Drift = 0.072 dB

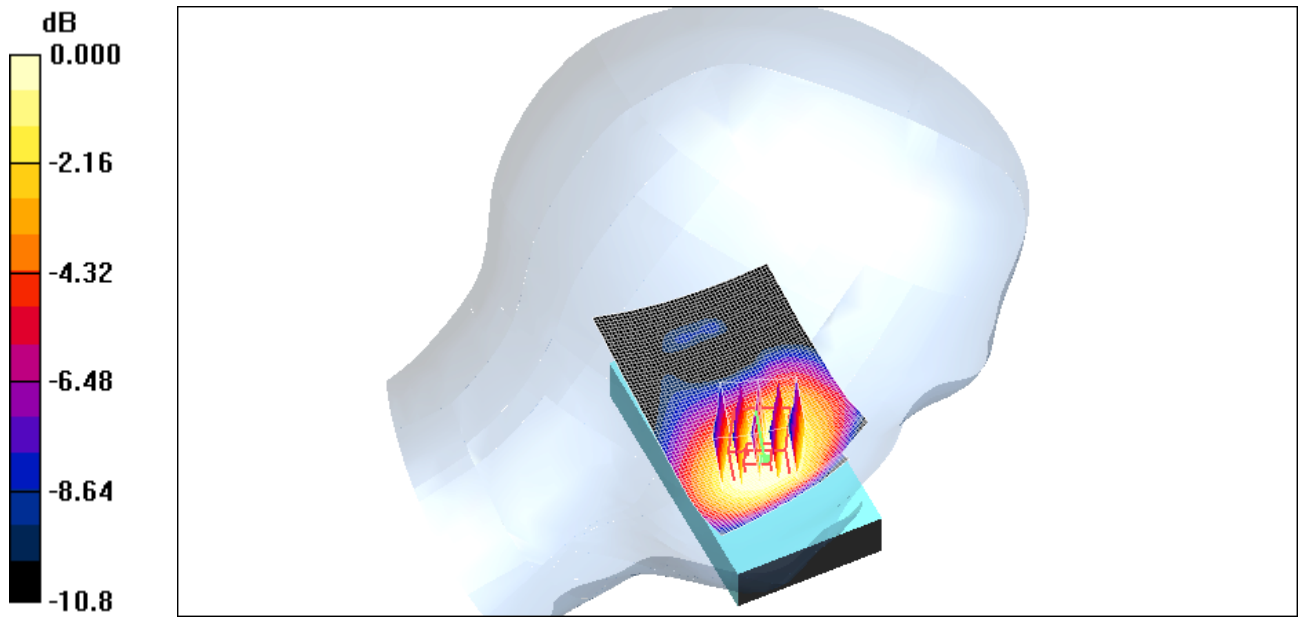
Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.413 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.594 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 15(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.594mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		16(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 2:01:08 PM

Test Laboratory: RTS

File Name: [RightHandSide_EDGE850_low_chan_amb_temp_23.1_liq_temp_22.1C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Right-Hand Side)


Communication System: EDGE 850 (2slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.2
Medium parameters used: $f = 825$ MHz; $\sigma = 0.853$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³
Phantom section: Right Section

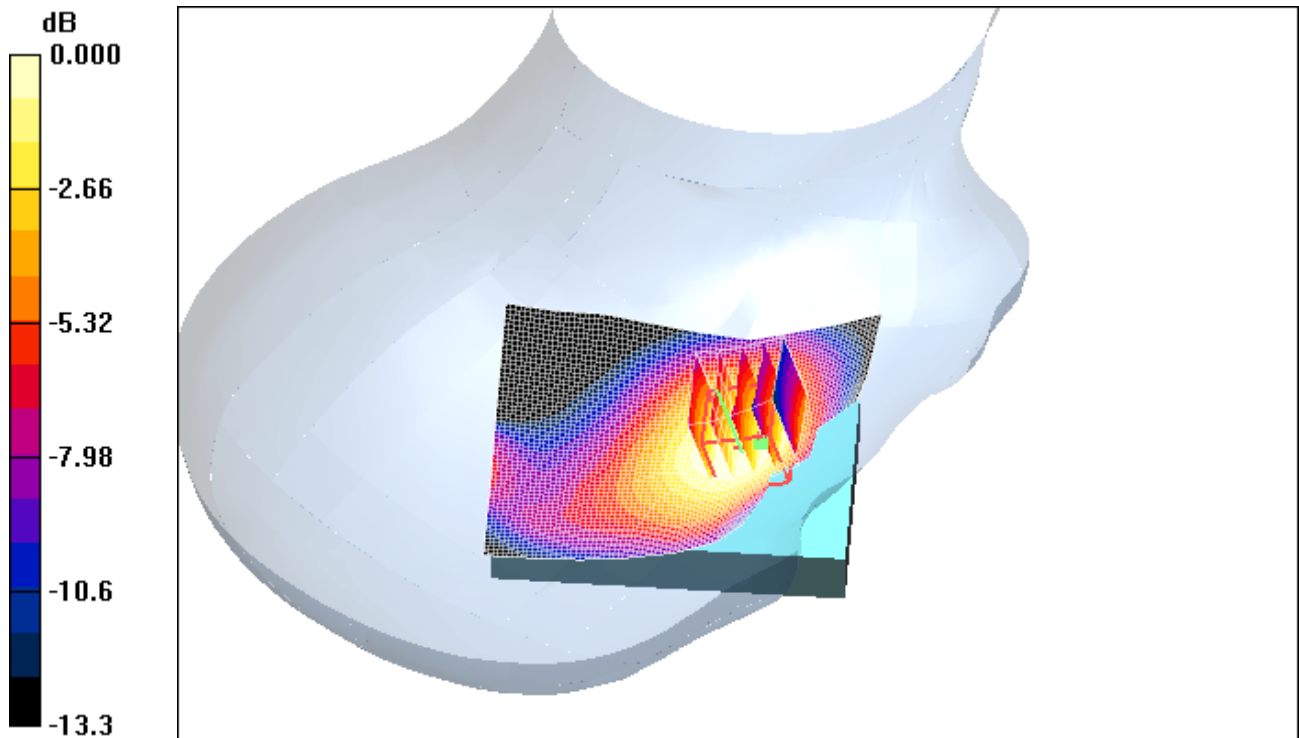
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.776 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 0.739 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 17(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.739mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		18(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 2:18:40 PM

Test Laboratory: RTS

File Name: [RightHandSide_EDGE850_mid_chan_amb_temp_23.2_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (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; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.858 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 10.1 V/m; Power Drift = -0.161 dB

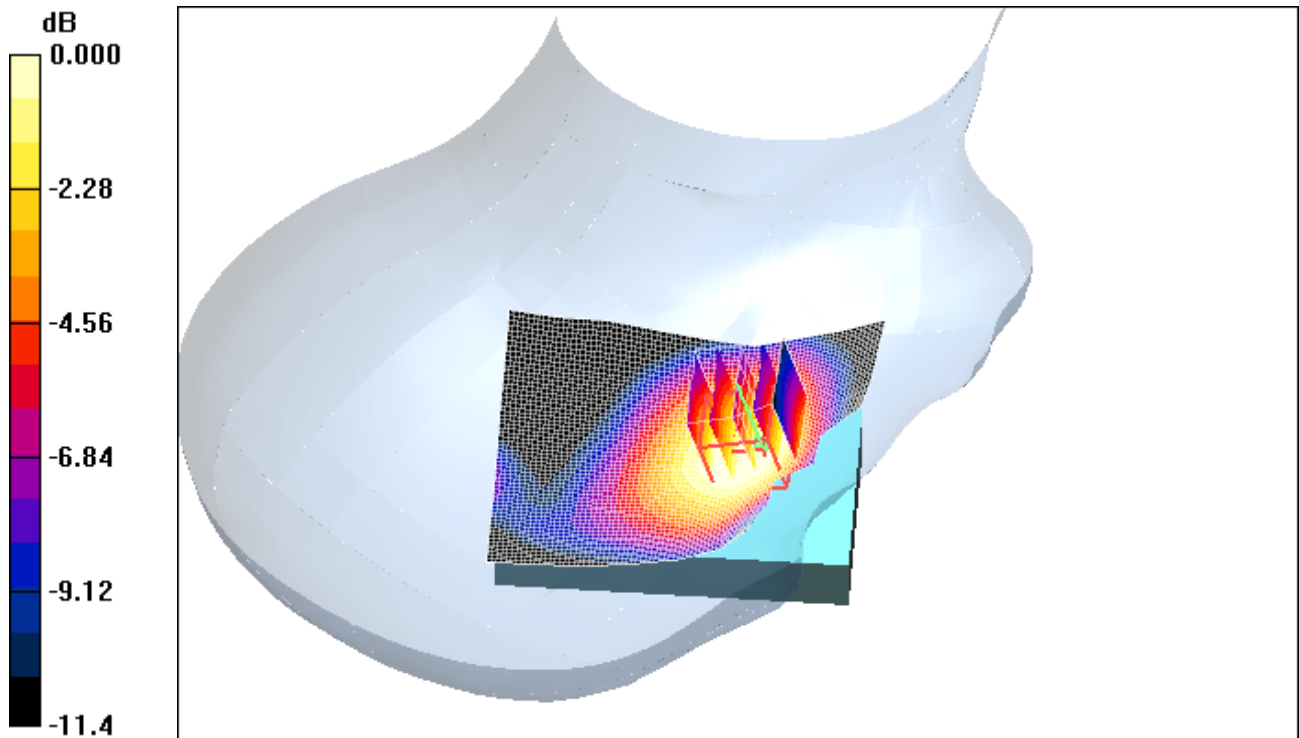
Peak SAR (extrapolated) = 0.928 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.566 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.786 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 19(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.786mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		20(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 2:35:38 PM

Test Laboratory: RTS

File Name: [RightHandSide_EDGE850_high_chan_amb_temp_23.1_liq_temp_21.9C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 848.8 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.769 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 7.02 V/m; Power Drift = -0.137 dB

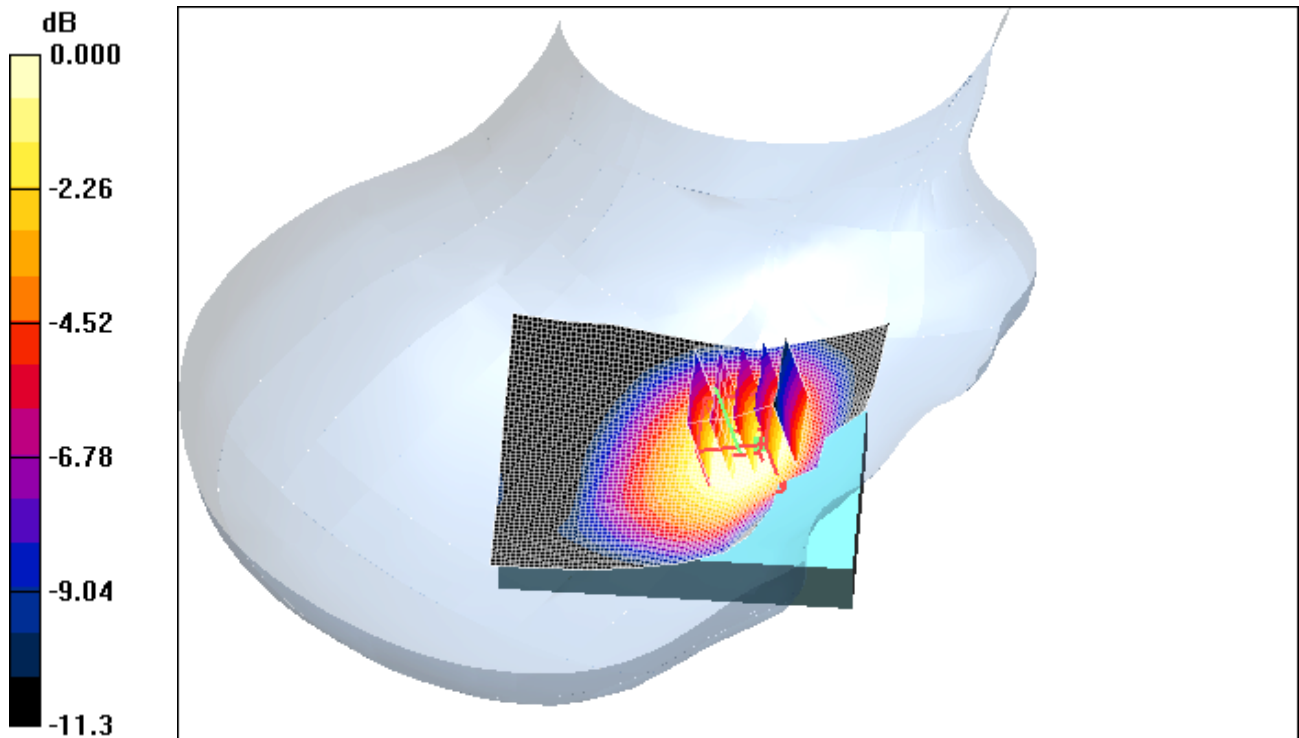
Peak SAR (extrapolated) = 0.860 W/kg

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.512 mW/g


[Info: Interpolated medium parameters used for SAR evaluation..](#)

Maximum value of SAR (measured) = 0.721 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 21(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.721mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		22(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 3:03:00 PM

Test Laboratory: RTS

File Name: [RightHandSide_GSM850_mid_chan_amb_temp_23.2_liq_temp_22.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: GSM 850; Frequency: 836.8 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.904 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.34 V/m; Power Drift = 0.028 dB

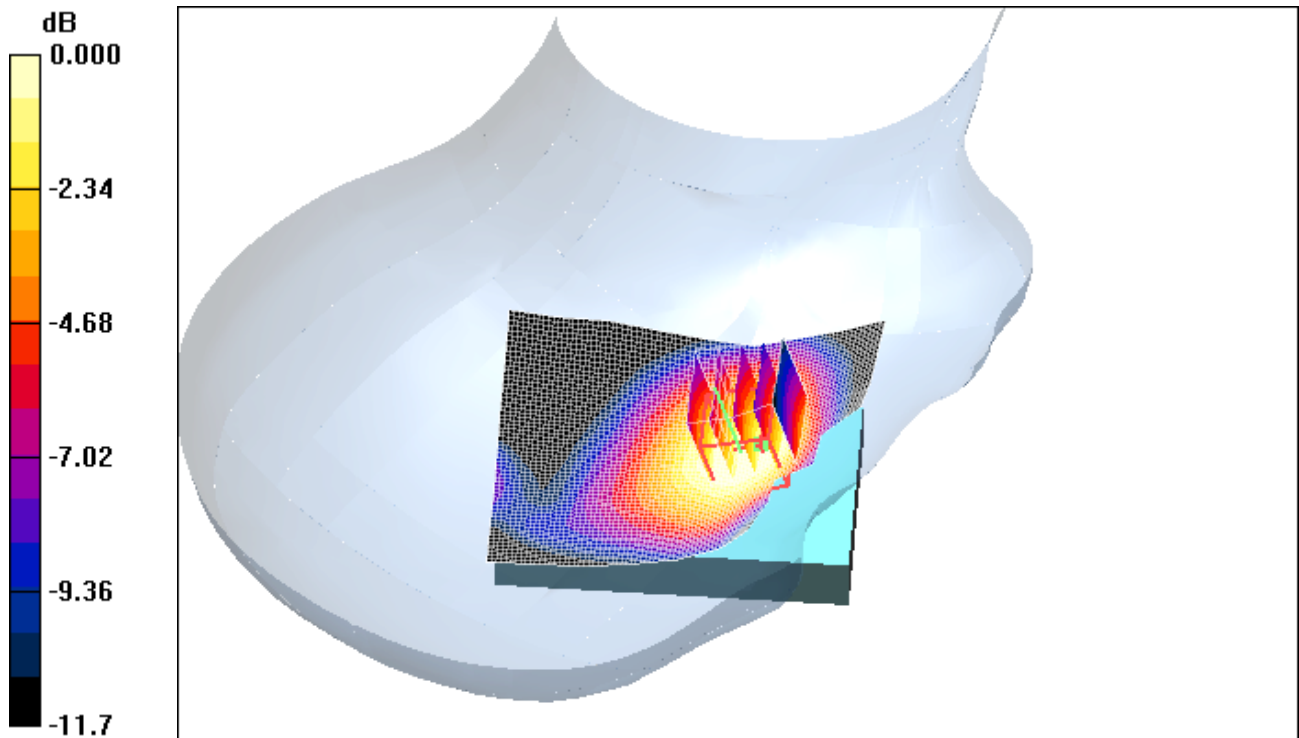
Peak SAR (extrapolated) = 0.968 W/kg

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.575 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 23(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.809mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		24(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 3:20:40 PM

Test Laboratory: RTS

File Name:

[RightHandSide_Tilt_EDGE850_mid_chan_amb_temp_23.2_liq_temp_22.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 836.8 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.281 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

$dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$


Reference Value = 11.9 V/m; Power Drift = -0.521 dB

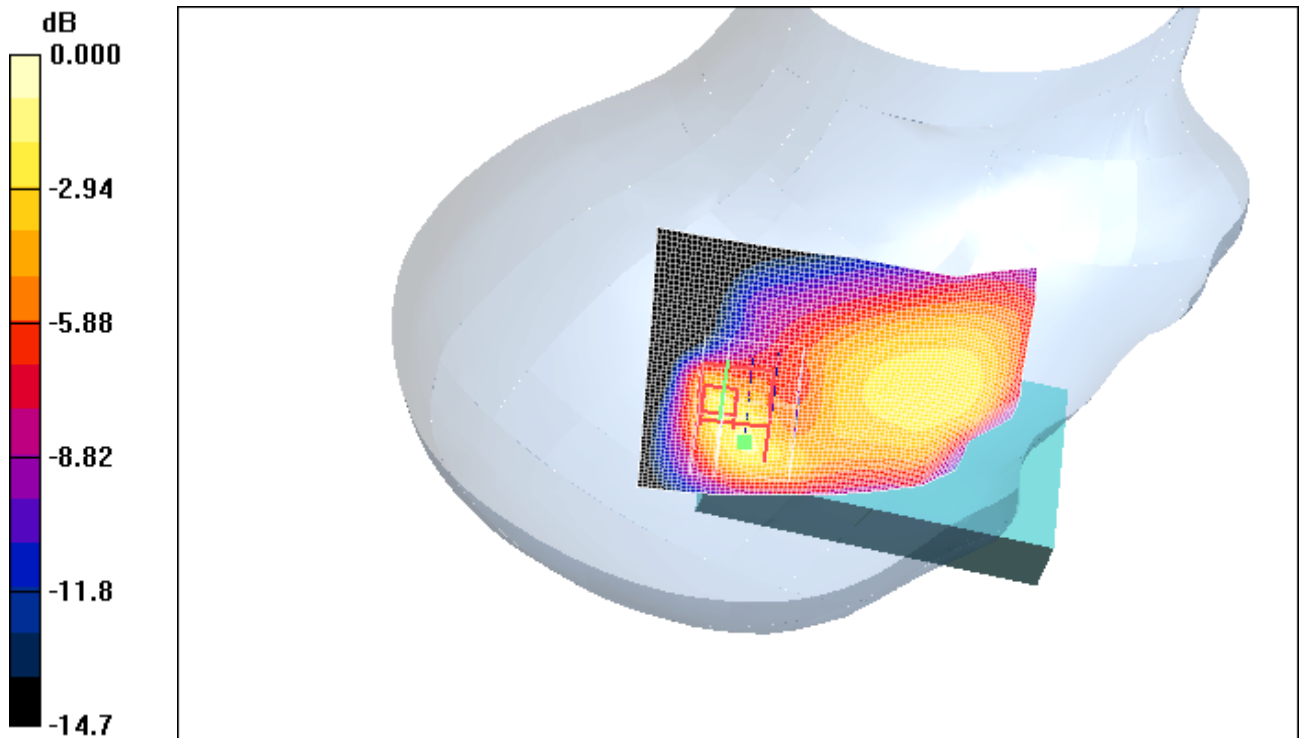
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.143 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.419 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 25(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.419mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		26(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 6:06:39 PM

Test Laboratory: RTS

File Name: [LeftHandSide_CDMA800_low_chan_amb_temp_23.4_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)


Communication System: CDMA 800; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.853 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

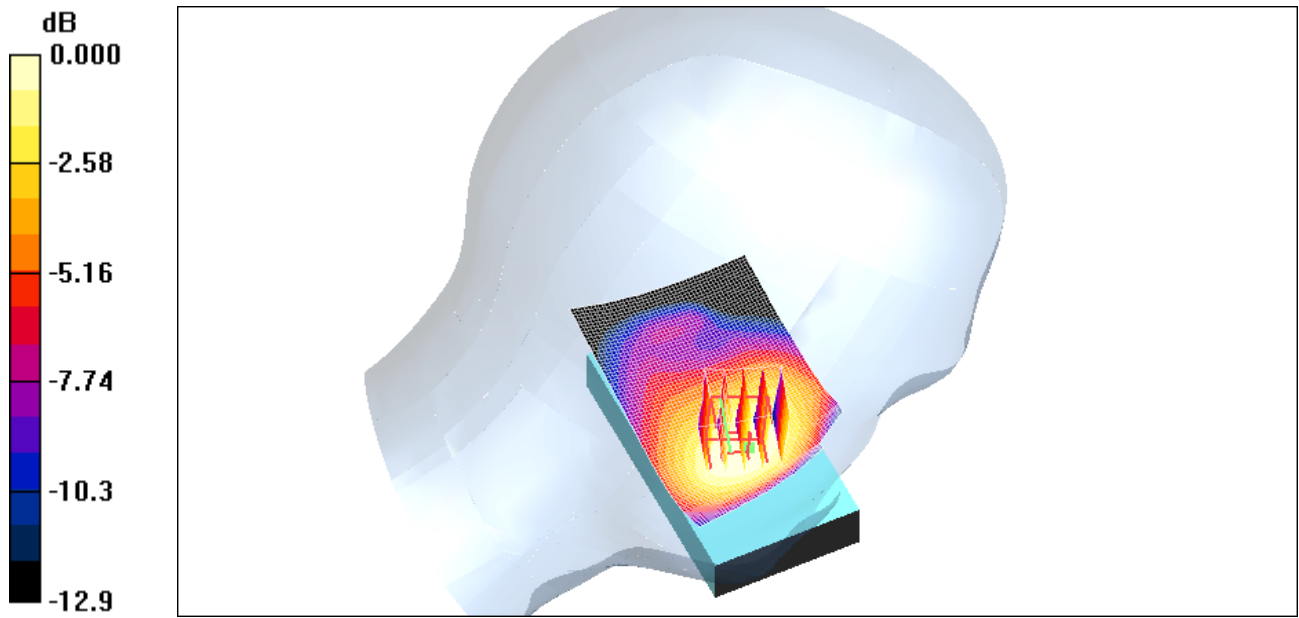
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.700 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
 $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 15.0 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.463 mW/g
Maximum value of SAR (measured) = 0.673 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 27(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.673mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		28(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 6:20:09 PM

Test Laboratory: RTS

File Name: [LeftHandSide_CDMA800_mid_chan_amb_temp_23.5_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: CDMA 800; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.701 mW/g

Touch 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 = -0.018 dB

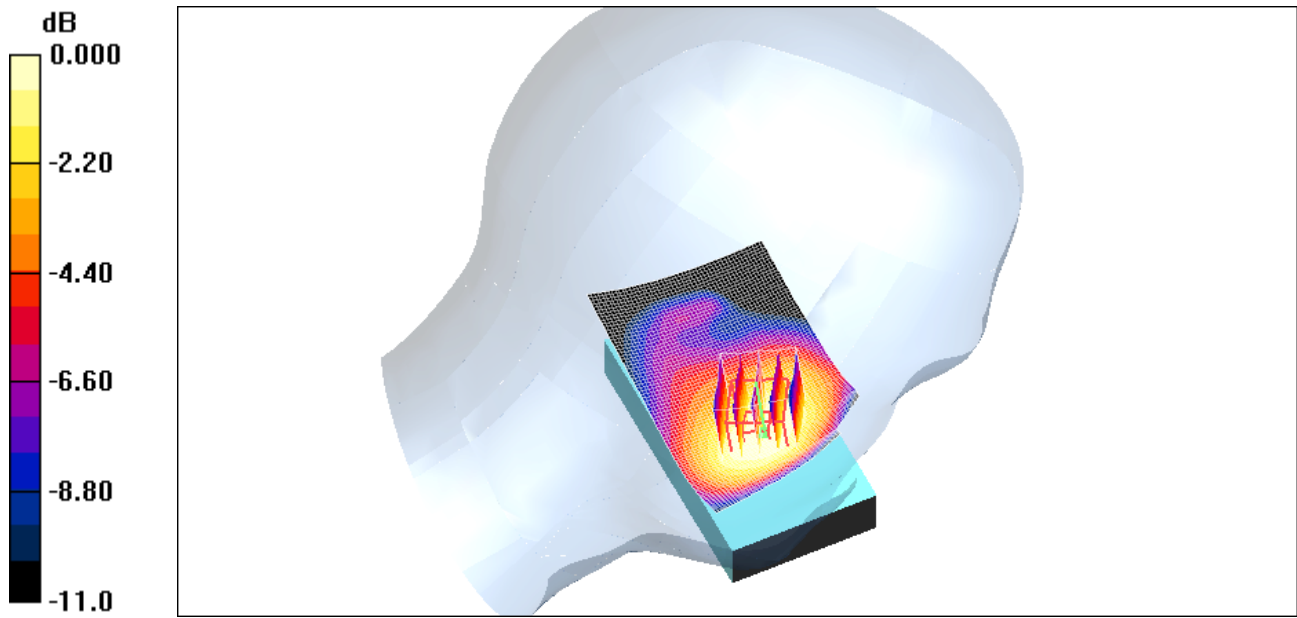
Peak SAR (extrapolated) = 0.848 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.474 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.669 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 29(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.669mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		30(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 6:37:05 PM

Test Laboratory: RTS

File Name: [LeftHandSide_CDMA800_high_chan_amb_temp_23.3_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: CDMA 800; Frequency: 848.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.52$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.715 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 14.5 V/m; Power Drift = 0.085 dB

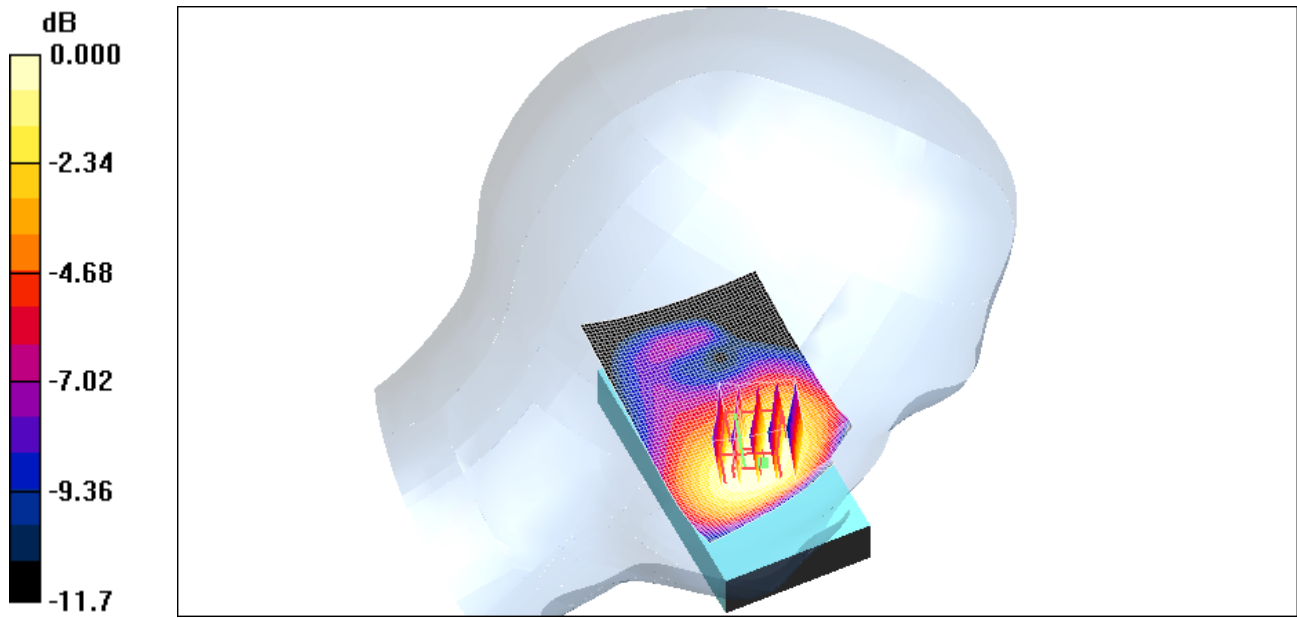
Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.486 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.692 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 31(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.692mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		32(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 7:04:54 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_Tilt_CDMA800_mid_chan_amb_temp_23.3_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Left-Hand Side)

Communication System: CDMA 800; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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 (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.546 mW/g

Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

$dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$


Reference Value = 22.2 V/m; Power Drift = -0.119 dB

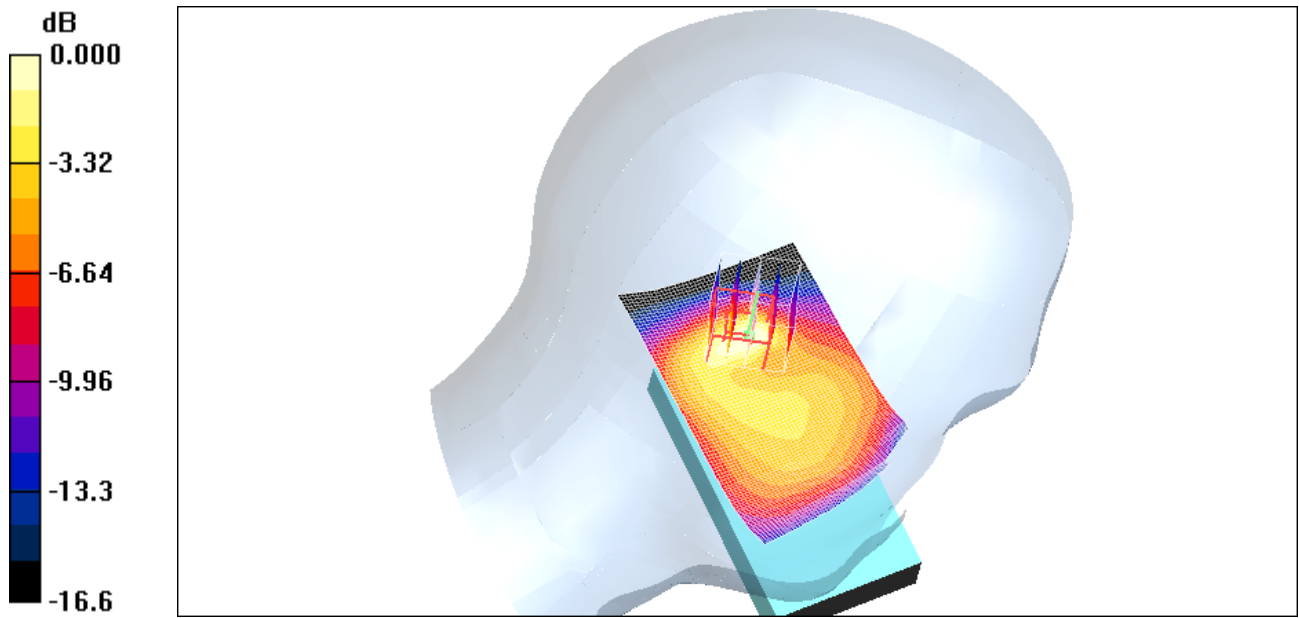
Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.228 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.530 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 33(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.530mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		34(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 7:31:02 PM

Test Laboratory: RTS

File Name: [RightHandSide_CDMA800_low_chan_amb_temp_23.2_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: CDMA 800; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825$ MHz; $\sigma = 0.853$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³
Phantom section: Right Section


DASY4 Configuration:

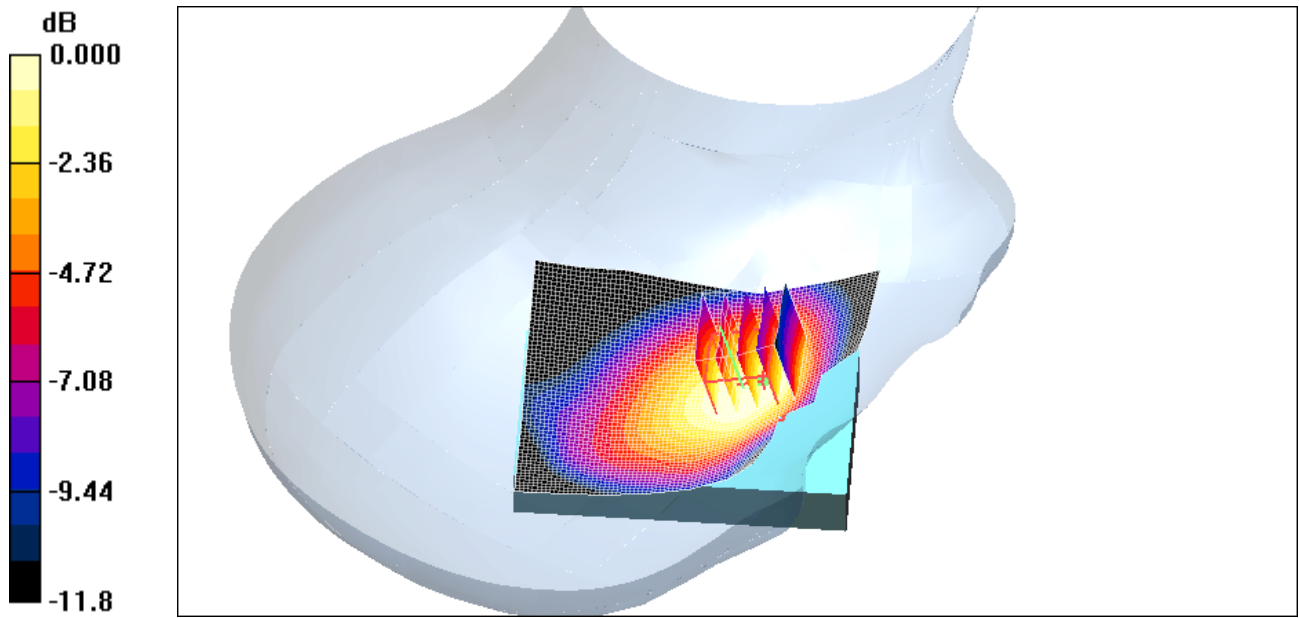
- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch position -/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.820 mW/g


Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.304 dB
Peak SAR (extrapolated) = 0.886 W/kg
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.535 mW/g

Maximum value of SAR (measured) = 0.757 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 35(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.757mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		36(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 7:59:45 PM

Test Laboratory: RTS

File Name: [RightHandSide_CDMA800_mid_chan_amb_temp_23.3_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: CDMA 800; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.850 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 12.8 V/m; Power Drift = -0.017 dB

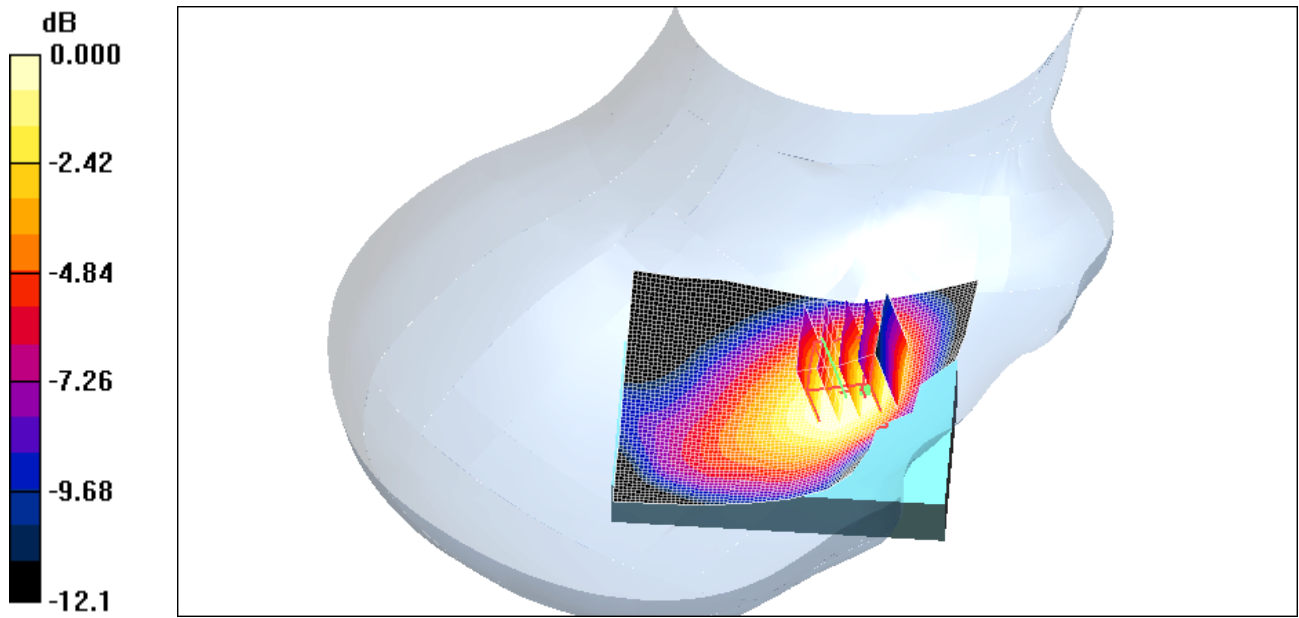
Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.558 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.794 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 37(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.794mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		38(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 8:13:15 PM

Test Laboratory: RTS

File Name:

[RightHandSide_CDMA800_high_chan_amb_temp_23.3_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)

Communication System: CDMA 800; Frequency: 848.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.52 \text{ MHz}$; $\sigma = 0.875 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.858 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

$dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$


Reference Value = 12.5 V/m; Power Drift = -0.079 dB

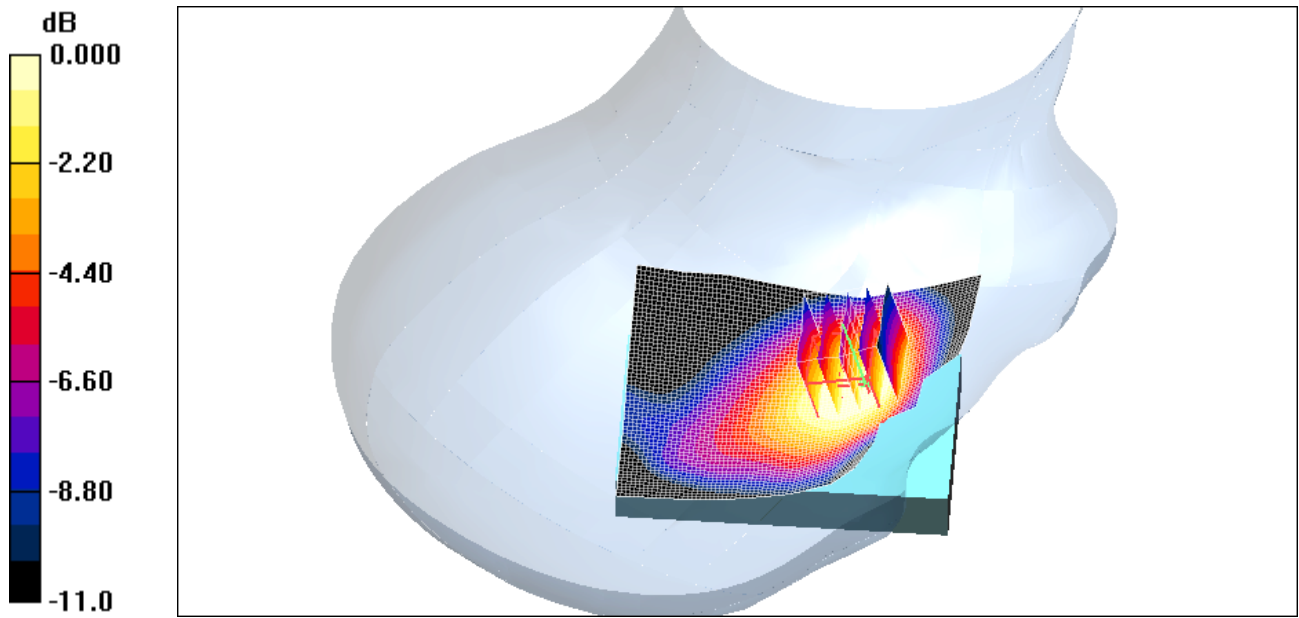
Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.547 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.776 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 39(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.776mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		40(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 23/07/2009 8:27:37 PM

Test Laboratory: RTS

File Name:

[RightHandSide_Tilt_CDMA800_mid_chan_amb_temp_23.2_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)

Communication System: CDMA 800; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- 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) = 0.598 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 21.5 V/m; Power Drift = -0.235 dB

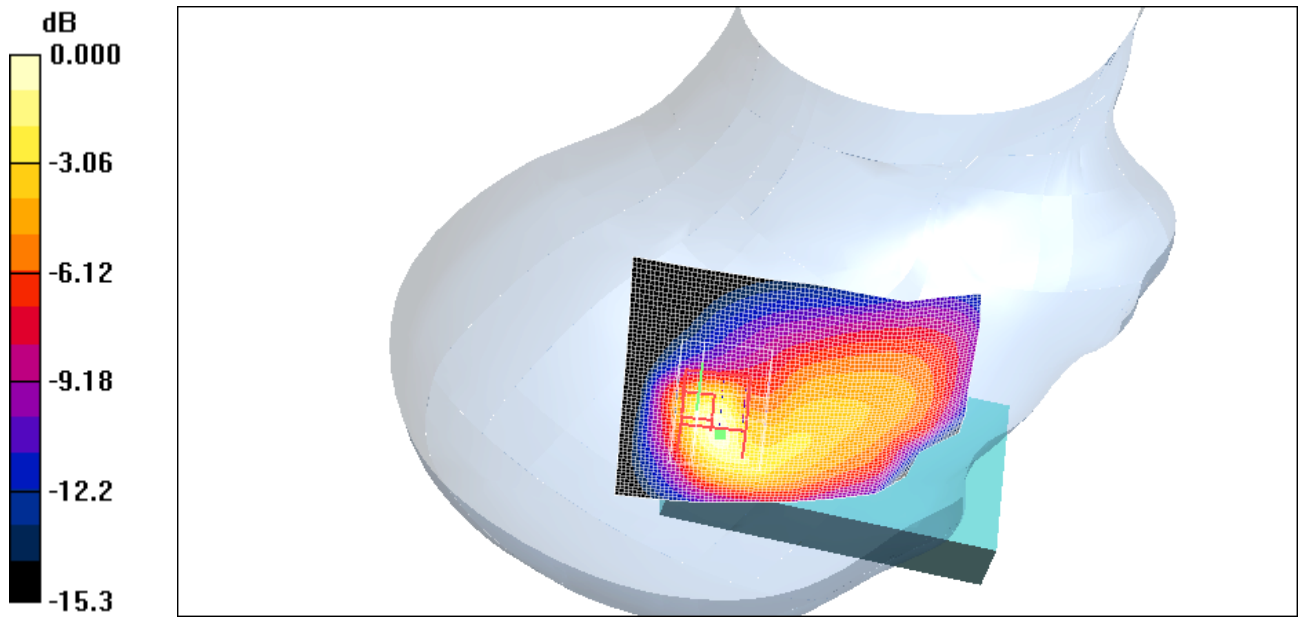
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.253 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.658 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 41(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.658mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		42(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 28/07/2009 12:57:51 AM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE1900_low_chan_amb_temp_23.1_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
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; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 1.02 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.90 V/m; Power Drift = -0.309 dB

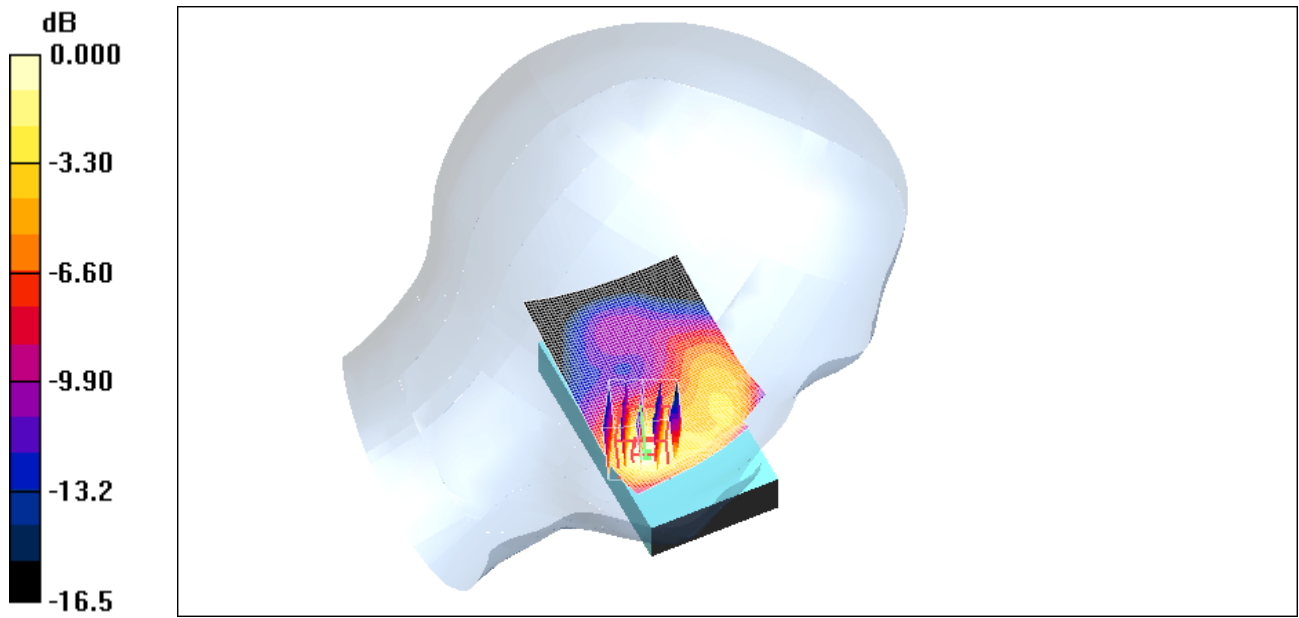
Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.480 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.999 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 43(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.999mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		44(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 28/07/2009 1:12:32 AM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE1900_mid_chan_amb_temp_23.1_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)


Communication System: EDGE 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.2
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

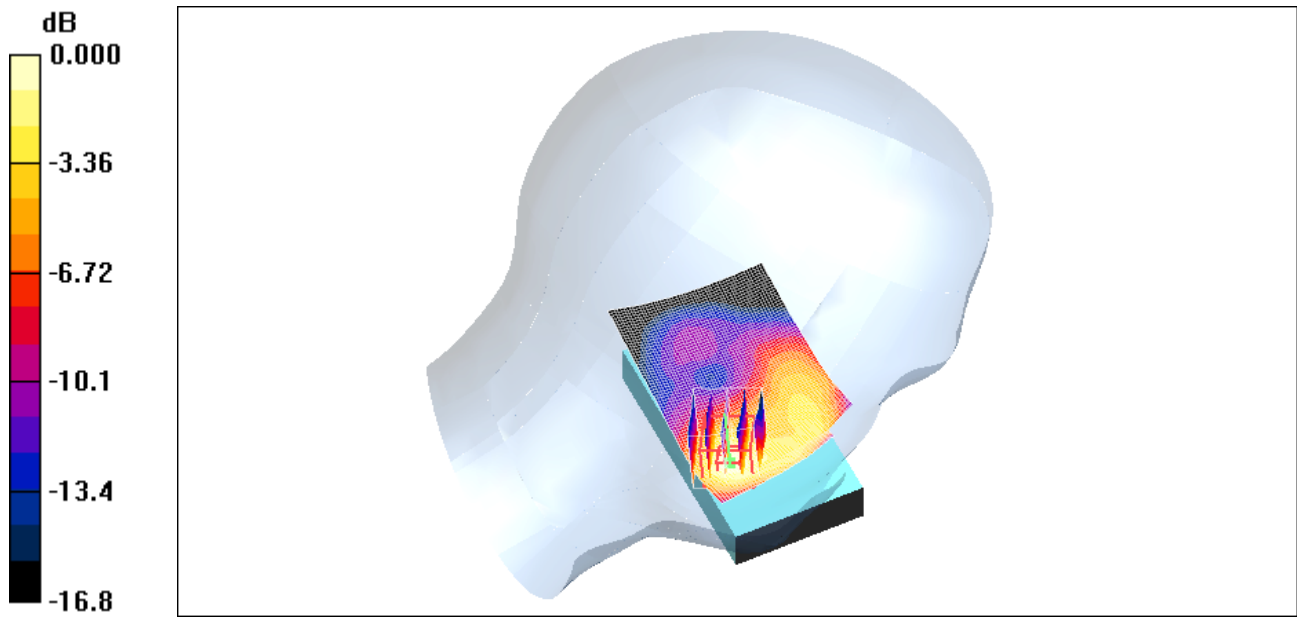
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.686 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
 $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 7.64 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.687 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 45(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.687mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 46(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30

Date/Time: 28/07/2009 1:28:38 AM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE1900_high_chan_amb_temp_23.1_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)


Communication System: EDGE 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.2
Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

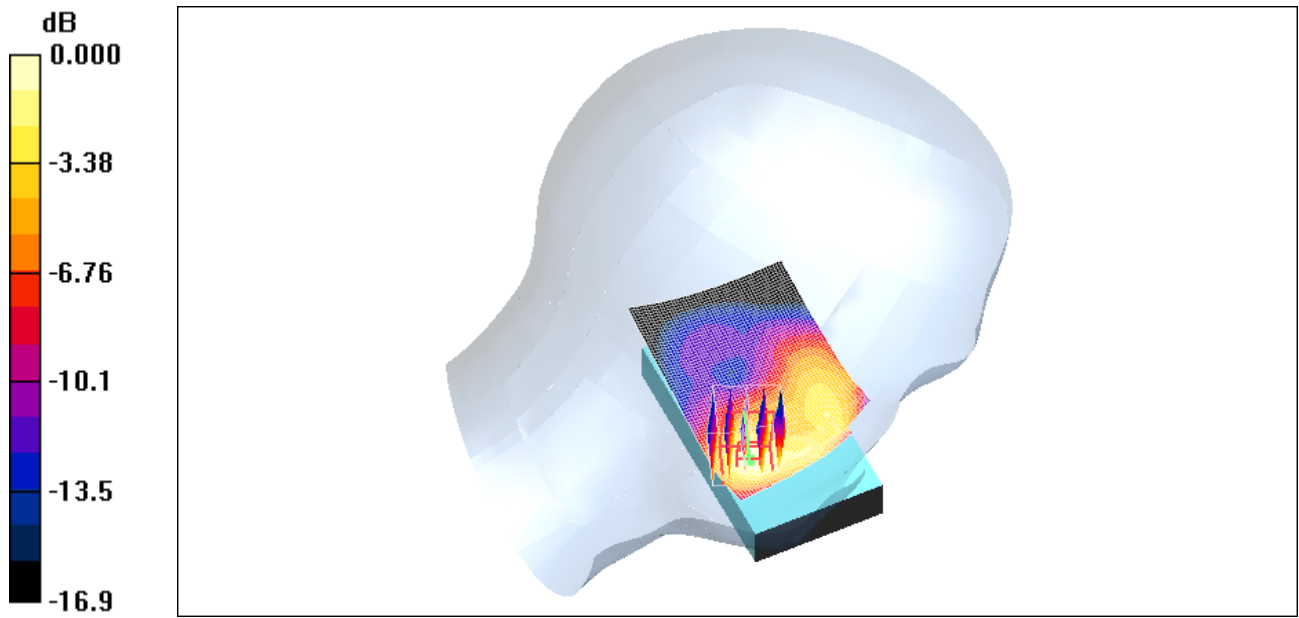
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.512 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
 $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.96 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 0.752 W/kg
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.508 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 47(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.508mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		48(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 28/07/2009 2:00:13 AM

Test Laboratory: RTS

File Name: [LeftHandSide_GSM1900_high_chan_amb_temp_23.1_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.687 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 7.73 V/m; Power Drift = -0.169 dB

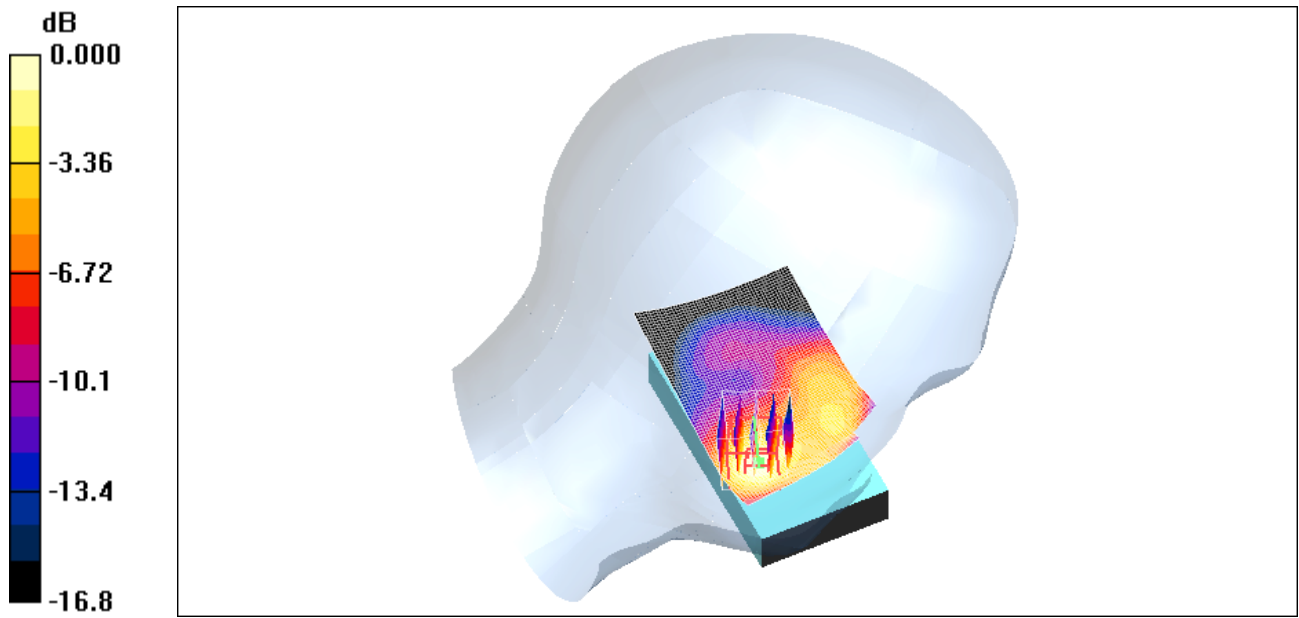
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.337 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.698 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 49(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.698mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		50(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 28/07/2009 1:44:19 AM

Test Laboratory: RTS

File Name:

[LeftHandSide_Tilt_EDGE1900_low_chan_amb_temp_23.1_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

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; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.230 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 = 0.001 dB

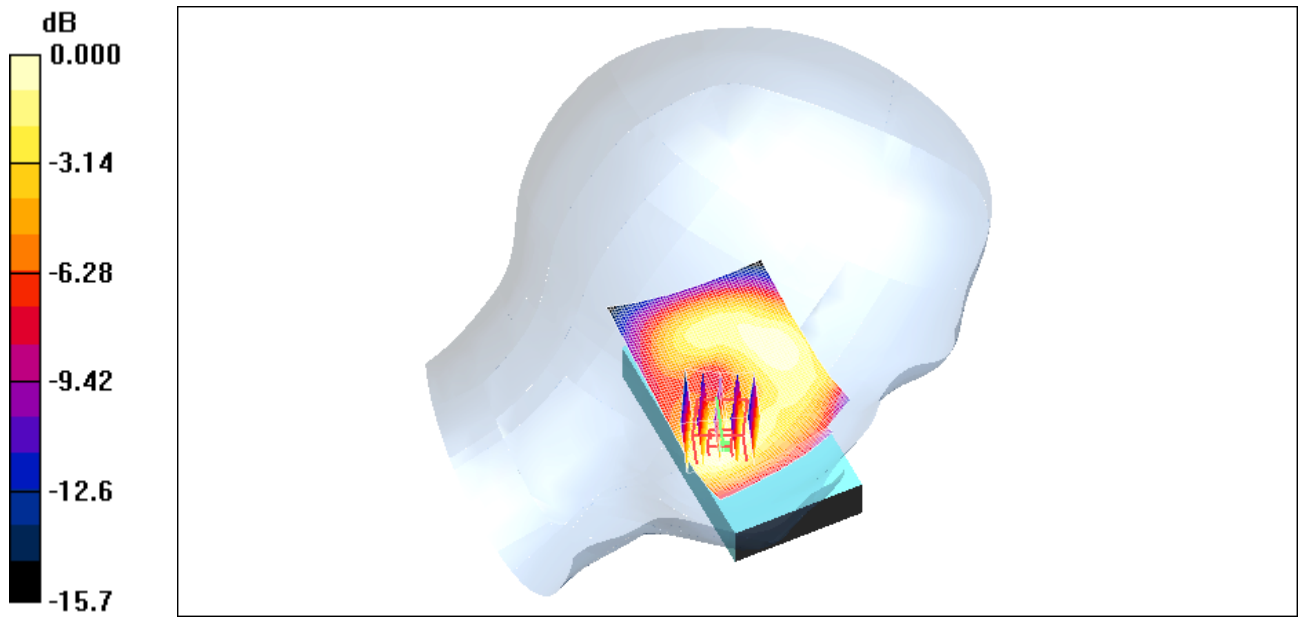
Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.132 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.227 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 51(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.227mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		52(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 27/07/2009 11:30:35 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_low_chan_amb_temp_23.3_liq_temp_21.6C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)

Communication System: EDGE 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.945 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.53 V/m; Power Drift = -0.327 dB

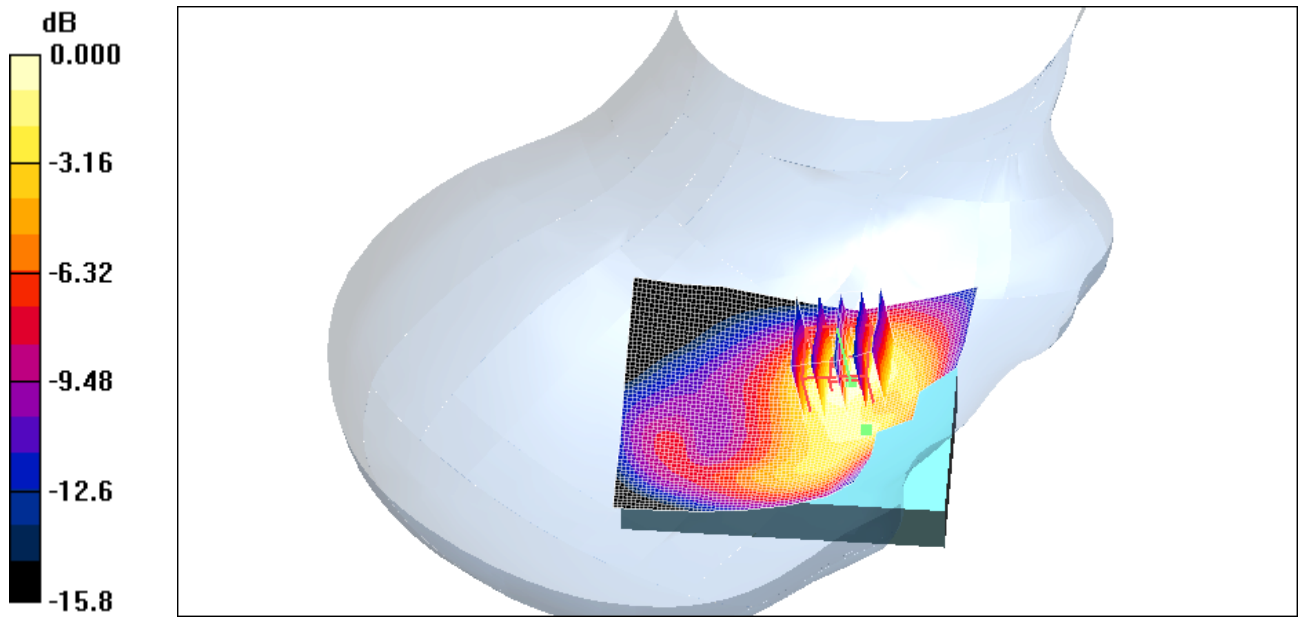
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.493 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.926 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 53(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.926mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		54(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 27/07/2009 11:47:17 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_mid_chan_amb_temp_23.2_liq_temp_21.6C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)

Communication System: EDGE 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.687 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:


dx=7.5mm, dy=7.5mm, dz=5mm

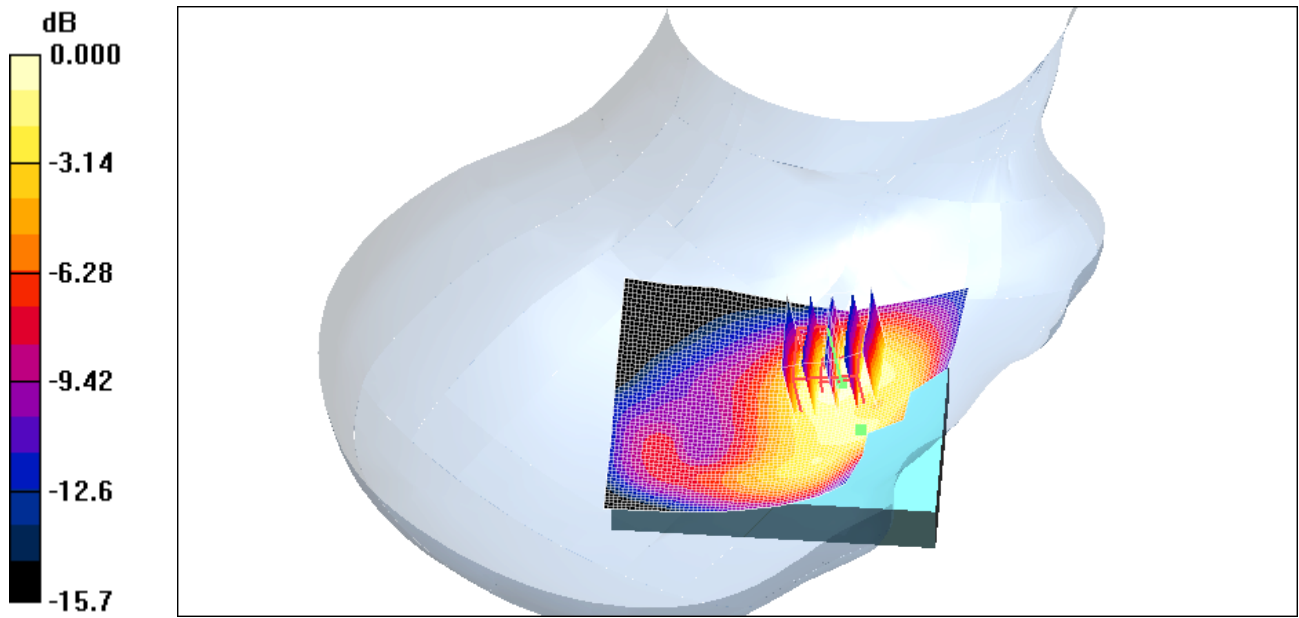
Reference Value = 7.55 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.914 W/kg


SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.665 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 55(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.665mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		56(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 28/07/2009 12:01:23 AM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_high_chan_amb_temp_23.2_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)


Communication System: EDGE 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.2
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³
Phantom section: Right Section

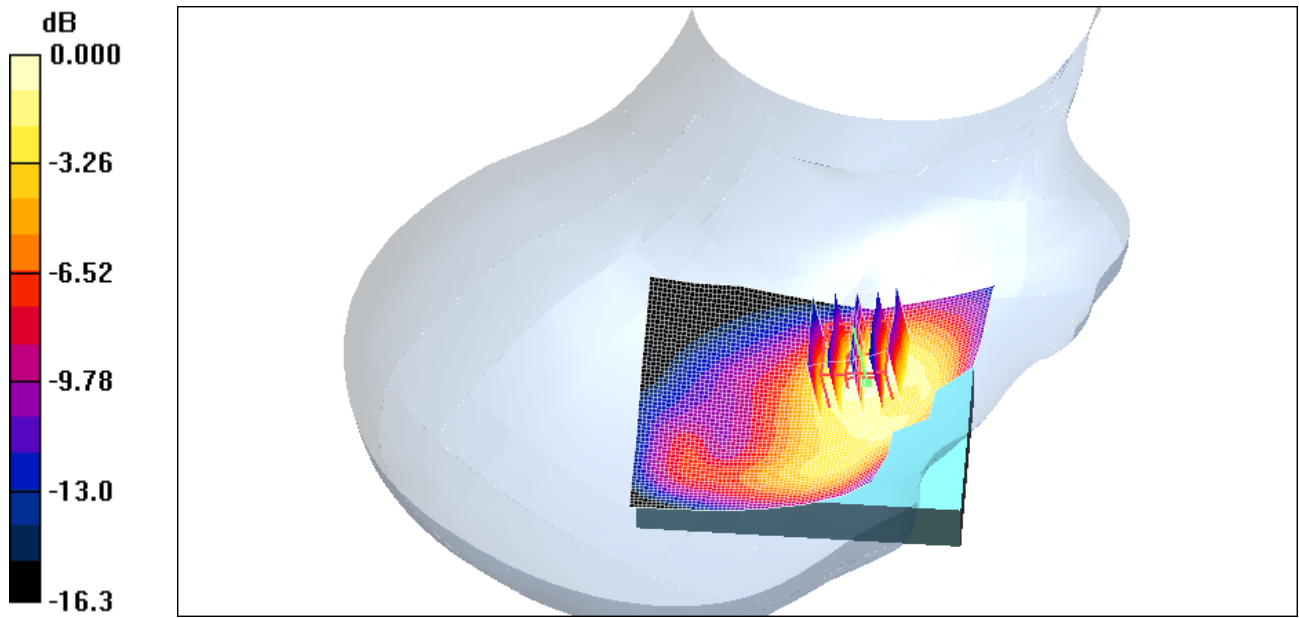
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.515 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.85 V/m; Power Drift = -0.219 dB
Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.495 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 57(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.495mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		58(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 28/07/2009 12:32:13 AM

Test Laboratory: RTS

File Name: [RightHandSide_GSM1900_low_chan_amb_temp_23.1_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.680 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 8.38 V/m; Power Drift = -0.020 dB

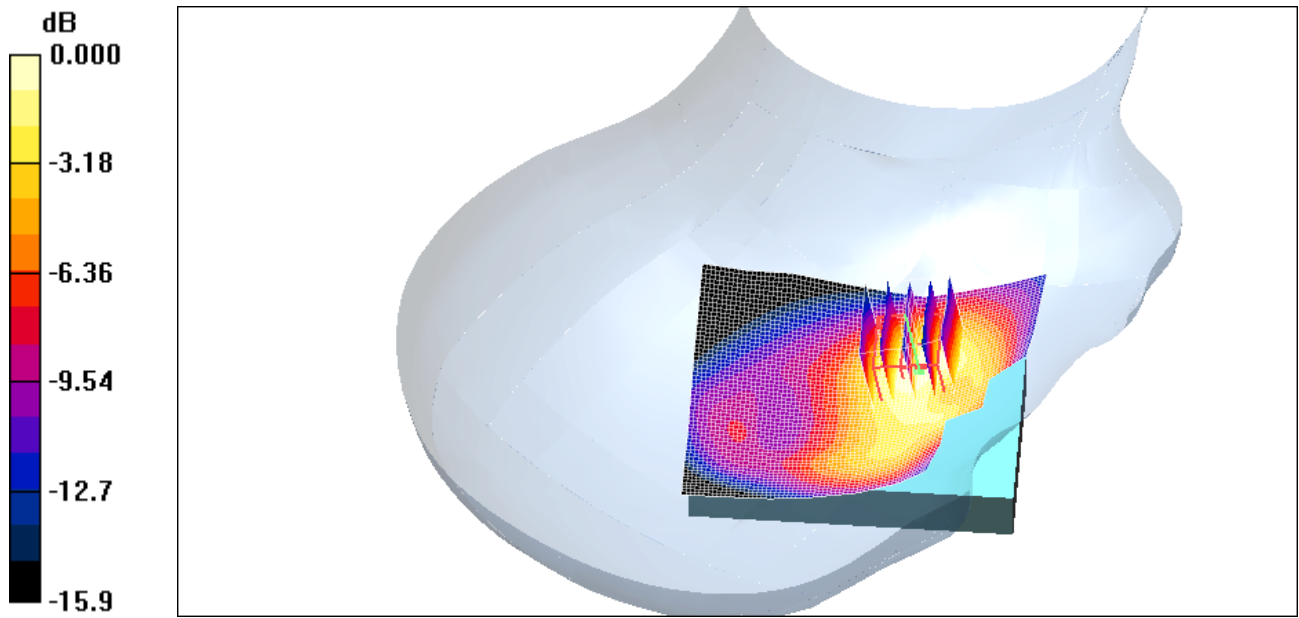
Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.348 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.662 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 59(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.662mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		60(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 28/07/2009 12:16:18 AM

Test Laboratory: RTS

File Name:

[RightHandSide_Tilt_EDGE1900_low_chan_amb_temp_23.2_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)

Communication System: EDGE 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.291 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 11.9 V/m; Power Drift = -0.054 dB

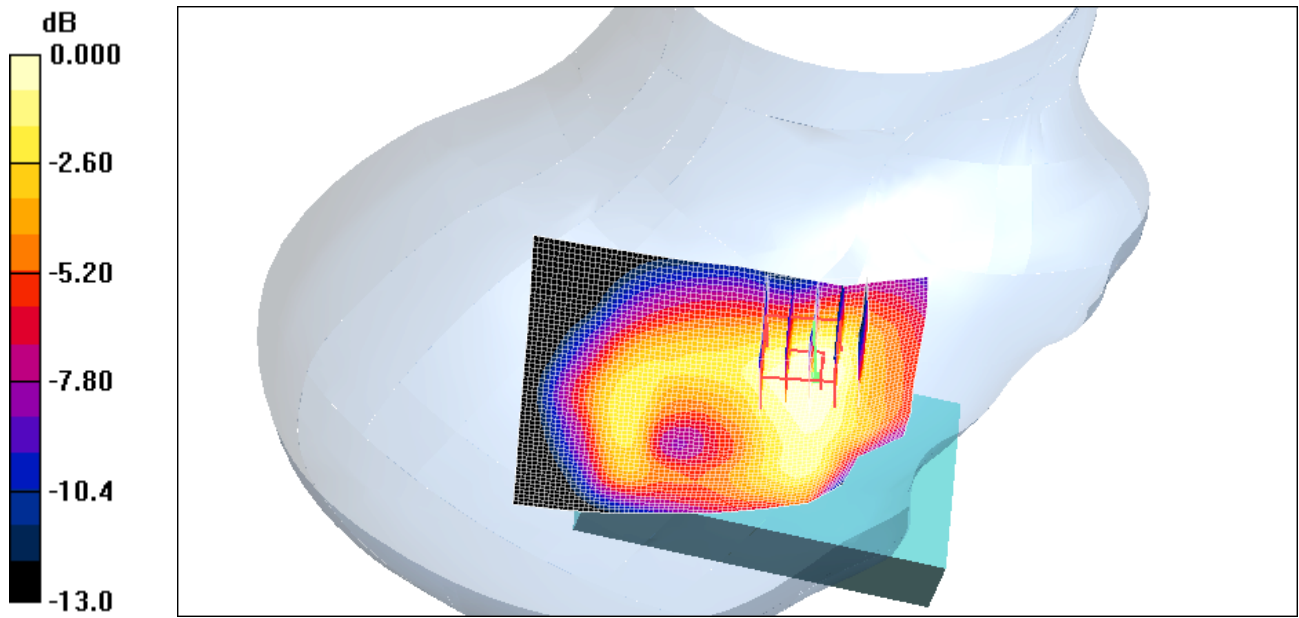
Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.168 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.277 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 61(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.277mW/g

	Document		Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		62(102)
Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	July 23-August 12, 2009	RTS-1765-0907-30	L6ARCK70CW

Date/Time: 11/08/2009 4:58:53 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_3_Slots_low_chan_amb_temp_22.6_liq_temp_22.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F

Program Name: Compliance Testing: (Right-Hand Side)

Communication System: EDGE 1900(3 slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.8

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.626 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 7.09 V/m; Power Drift = -0.055 dB

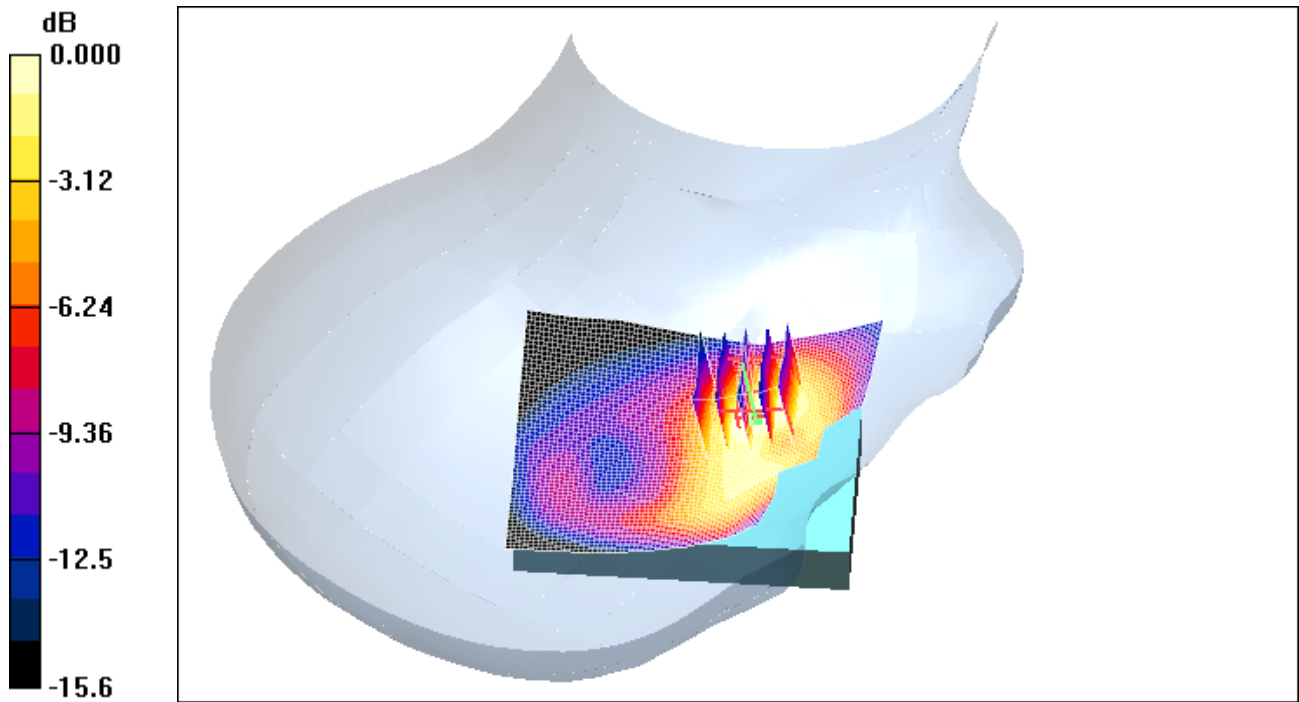
Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.320 mW/g


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.604 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 63(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.604mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 64(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30

Date/Time: 11/08/2009 5:15:16 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_4_Slots_low_chan_amb_temp_23.0_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: EDGE 1900(4 slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.1

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- 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) = 0.541 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 6.63 V/m; Power Drift = -0.107 dB

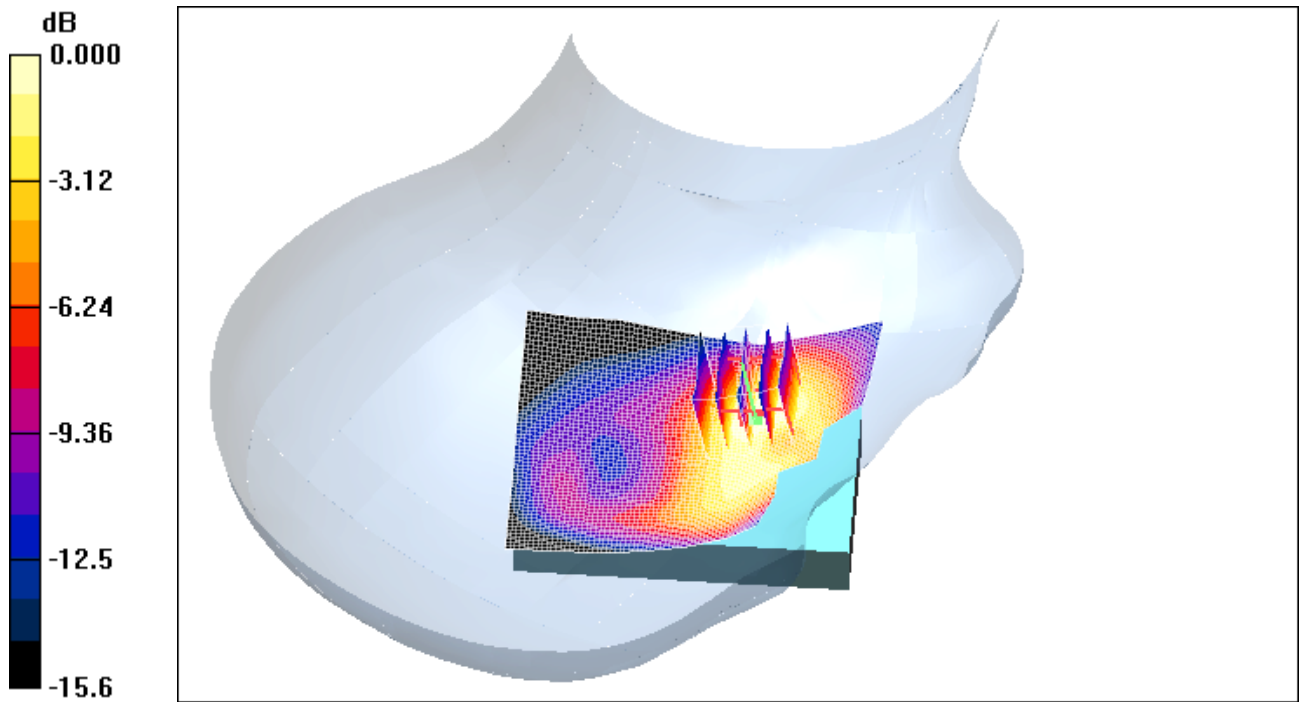
Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.279 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.528 mW/g

	Document Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report		Page 65(102)
	Author Data Jean-Paul Hacquoil	Dates of Test July 23-August 12, 2009	Test Report No RTS-1765-0907-30



0 dB = 0.528mW/g