Date/Time: 28/07/2009 10:13:32 PM

Test Laboratory: RTS
File Name: LeftHandSide_CDMA1900_low_chan_amb_temp_22.9_liq_temp_22.4C.da4

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

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.4 mho/m; ε_r = 38.6; ρ = 1000 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=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.06 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
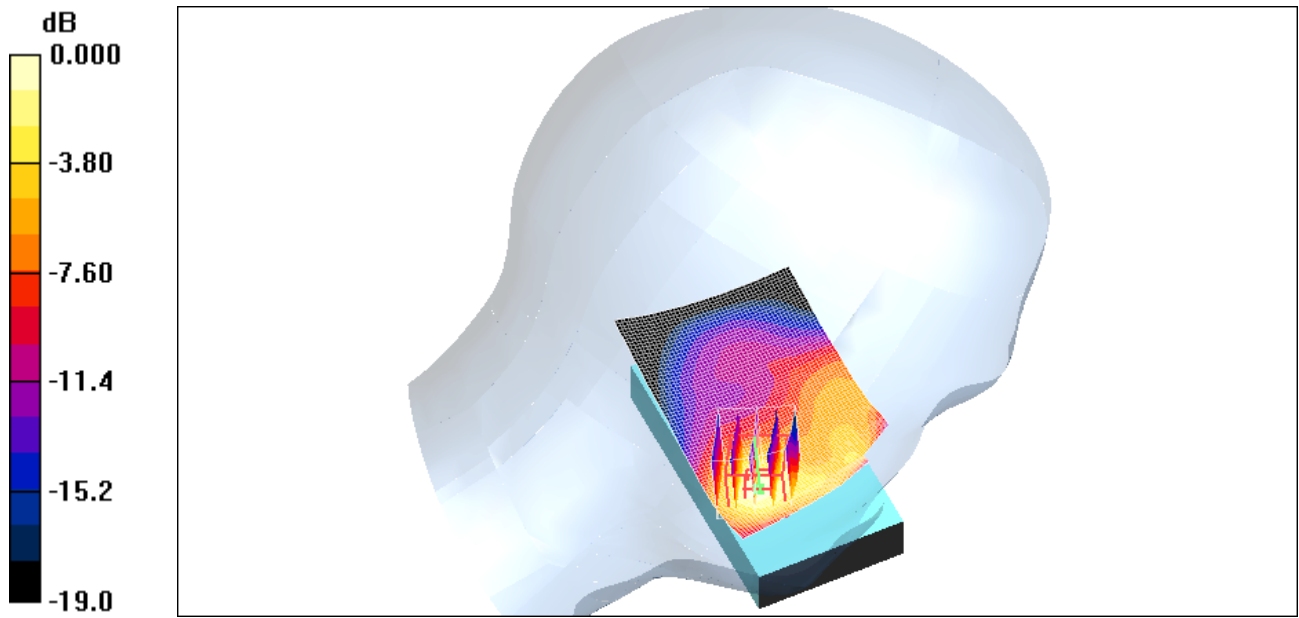Reference Value = 9.01 V/m; Power Drift = 0.324 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.537 mW/g

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

0 dB = 1.19mW/g

Date/Time: 28/07/2009 10:35:36 PM

Test Laboratory: RTS
File Name: LeftHandSide_CDMA1900_mid_chan_amb_temp_23.0_liq_temp_22.4C.da4

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

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
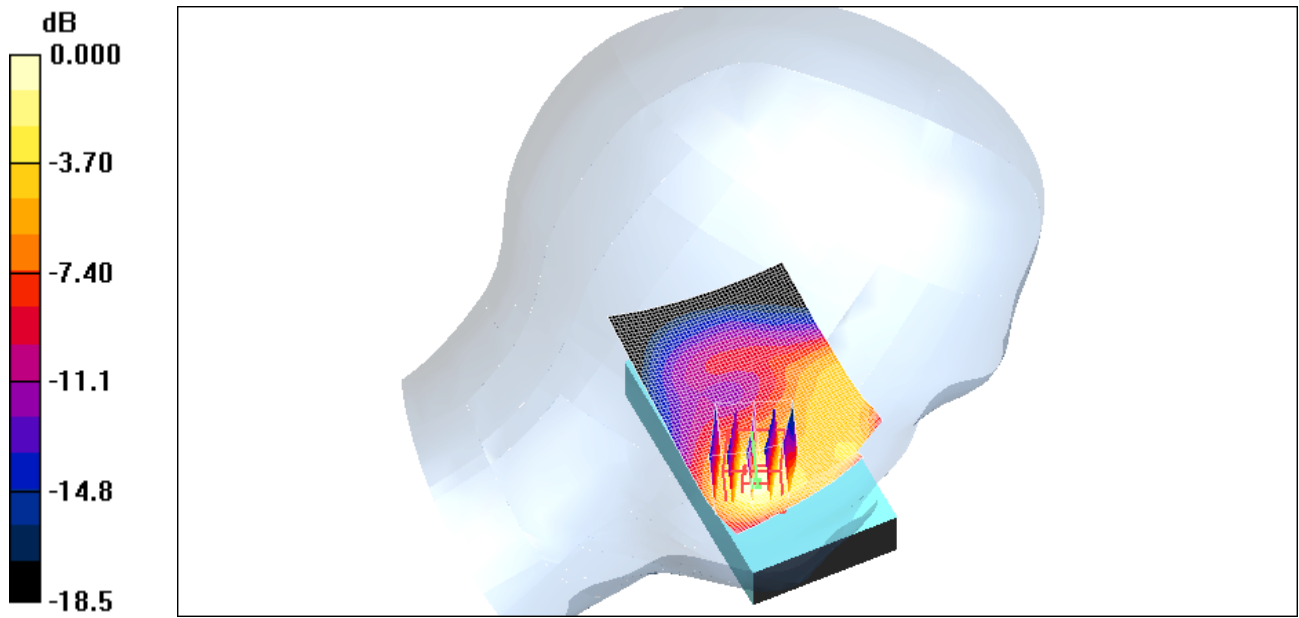Phantom section: Left Section

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=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.924 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.00 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report**	**69(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 1.05mW/g

	Document	Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	**70(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 10:53:51 PM

Test Laboratory: RTS
File Name: LeftHandSide_CDMA1900_hig_chan_amb_temp_22.9_liq_temp_22.3C.da4

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

Communication System: CDMA 1900; Frequency: 1908.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1908.5 MHz; σ = 1.45 mho/m; ε_r = 38.3; ρ = 1000 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=15mm, dy=15mm

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

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
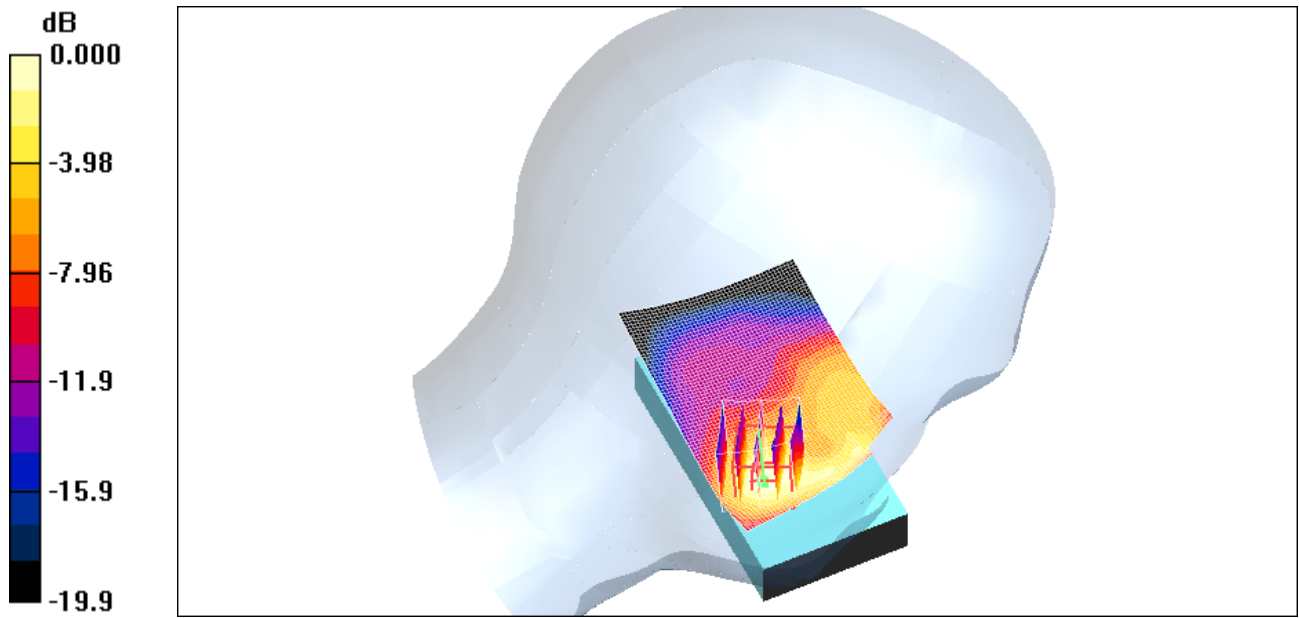Reference Value = 8.18 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.471 mW/g

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

0 dB = 1.03mW/g

Date/Time: 28/07/2009 11:08:57 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_CDMA1900_low_chan_amb_temp_23.0_liq_temp_22.4C.da4

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

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.4 mho/m; ε_r = 38.6; ρ = 1000 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

Tilt position -/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
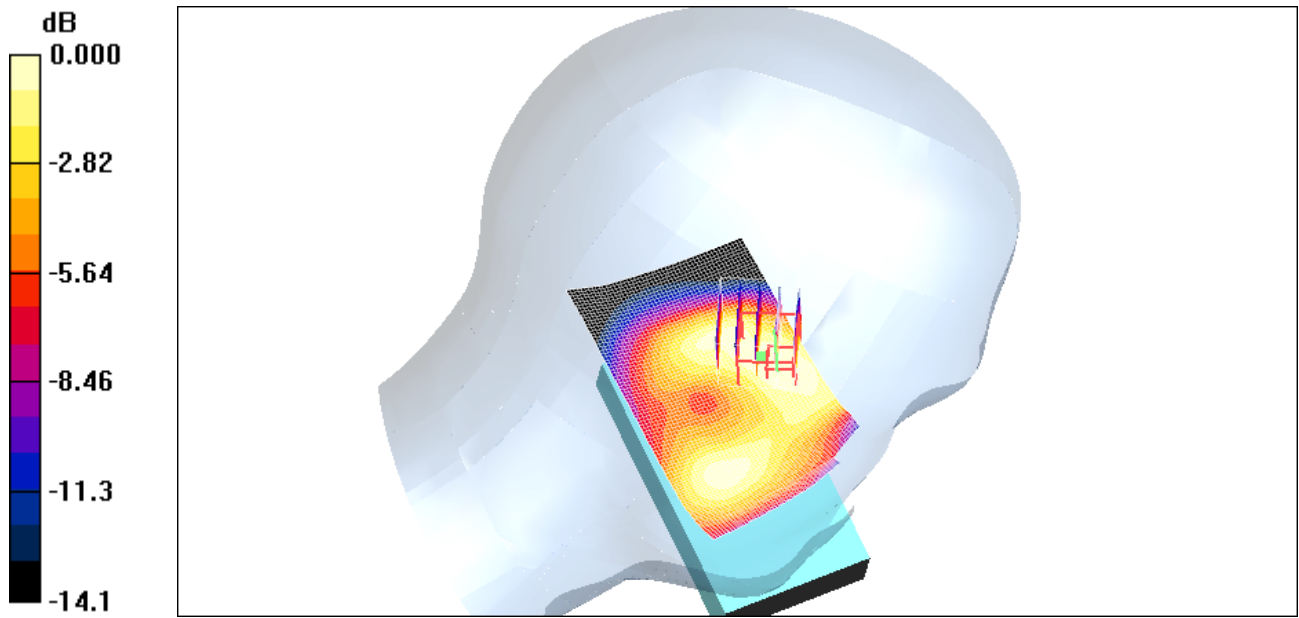Reference Value = 12.9 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.145 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.249 mW/g

0 dB = 0.249mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	**74(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 8:34:40 PM

Test Laboratory: RTS
File Name:
RightHandSide_CDMA1900_low_chan_amb_temp_23.1_liq_temp_22.7C.da4

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

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.4 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
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) = 0.938 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
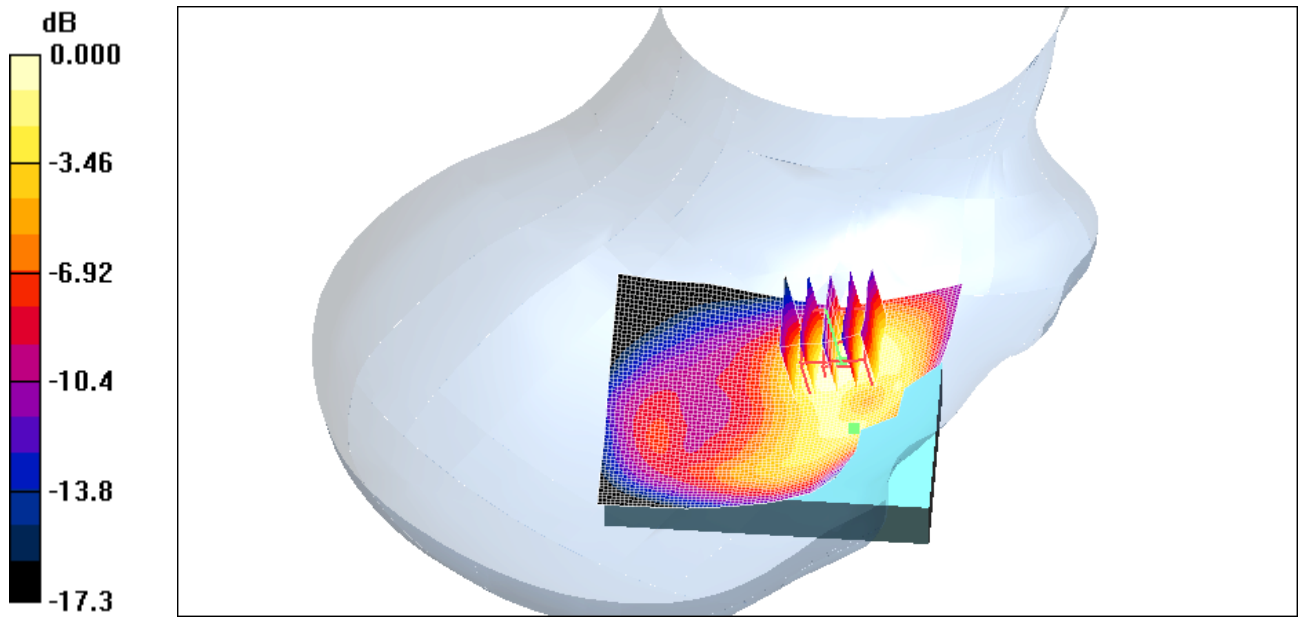Reference Value = 10.4 V/m; Power Drift = -0.173 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.510 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.949 mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	**75(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 0.949mW/g

Date/Time: 28/07/2009 8:56:47 PM

Test Laboratory: RTS
File Name:
RightHandSide_CDMA1900_mid_chan_amb_temp_23.0_liq_temp_22.7C.da4

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

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
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) = 0.820 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
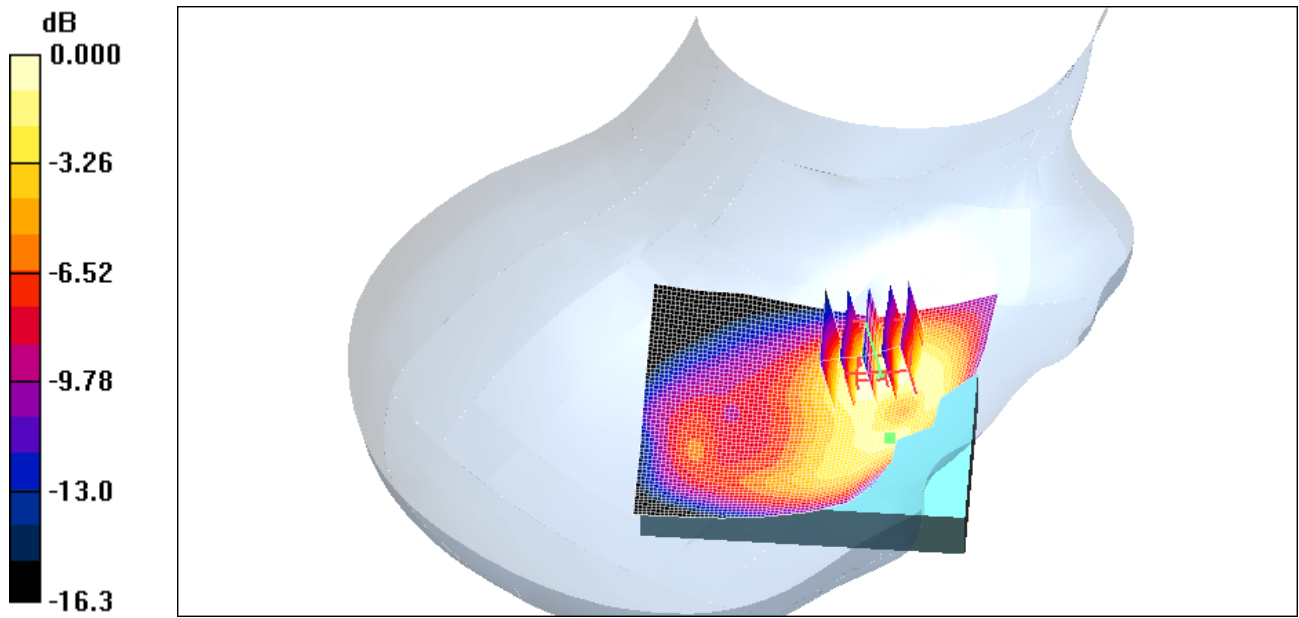dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.215 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.867 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report**	**77(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 0.867mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	78(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 9:12:19 PM

Test Laboratory: RTS
File Name:
RightHandSide_CDMA1900_high_chan_amb_temp_23.1_liq_temp_22.6C.da4

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

Communication System: CDMA 1900; Frequency: 1908.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1908.5 MHz; σ = 1.45 mho/m; ε_r = 38.3; ρ = 1000 kg/m^3
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) = 0.789 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.24 V/m; Power Drift = 0.070 dB
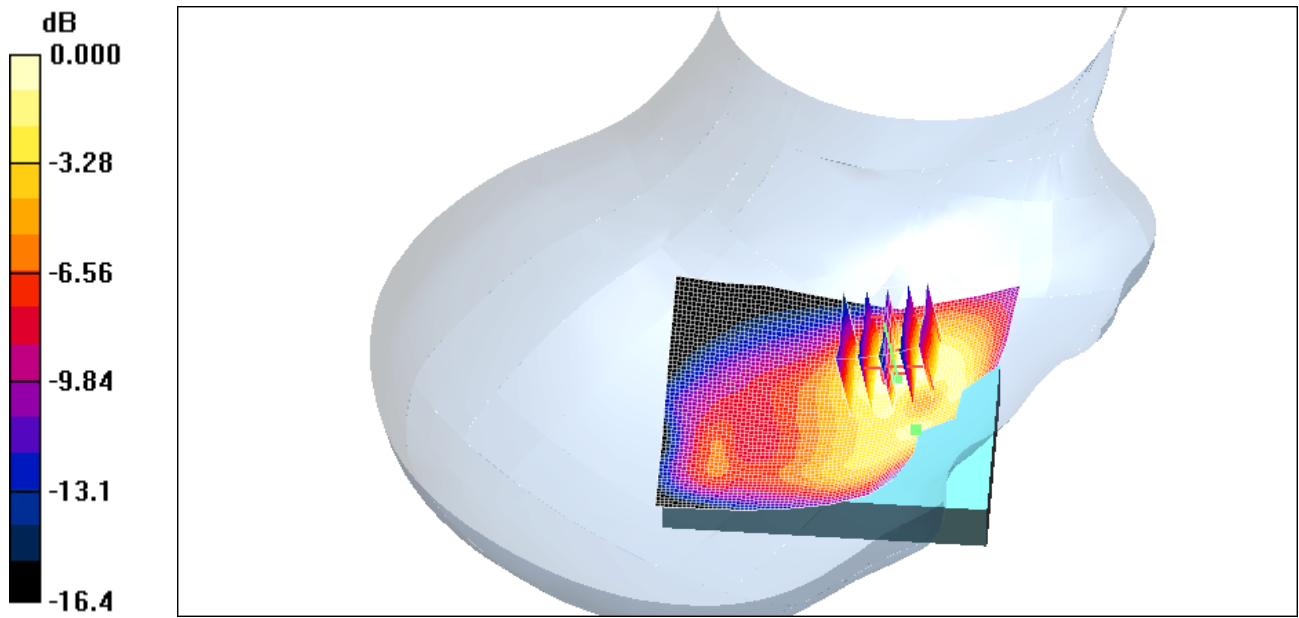Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.437 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.826 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report**	**79(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 0.826mW/g

Date/Time: 28/07/2009 9:29:20 PM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_CDMA1900_low_chan_amb_temp_22.9_liq_temp_22.4C.da4

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

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.4 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
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) = 0.279 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
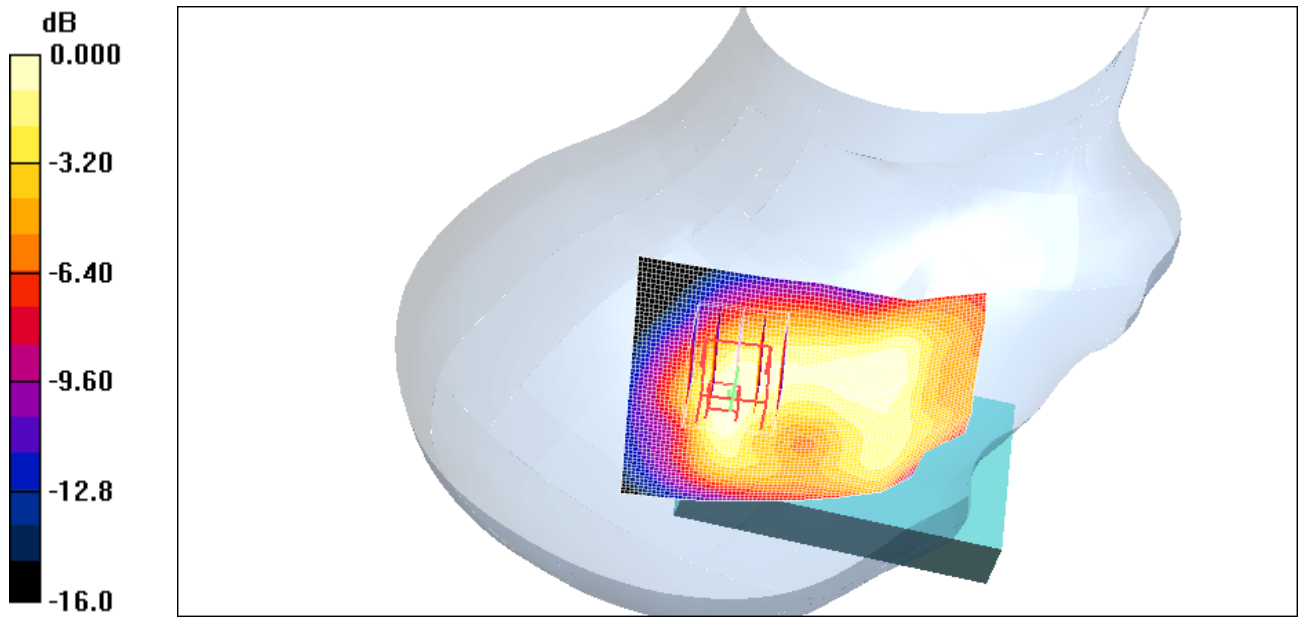Reference Value = 13.7 V/m; Power Drift = 0.252 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.137 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.240 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report**	**81(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 0.240mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW **SAR Report**	**82(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: 30/07/2009 9:34:51 PM

Test Laboratory: RTS
File Name: LeftHandSide_802.11b_low_chan_amb_temp_22.8_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
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 = 1.83 mho/m; ε_r = 37.9; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.147 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
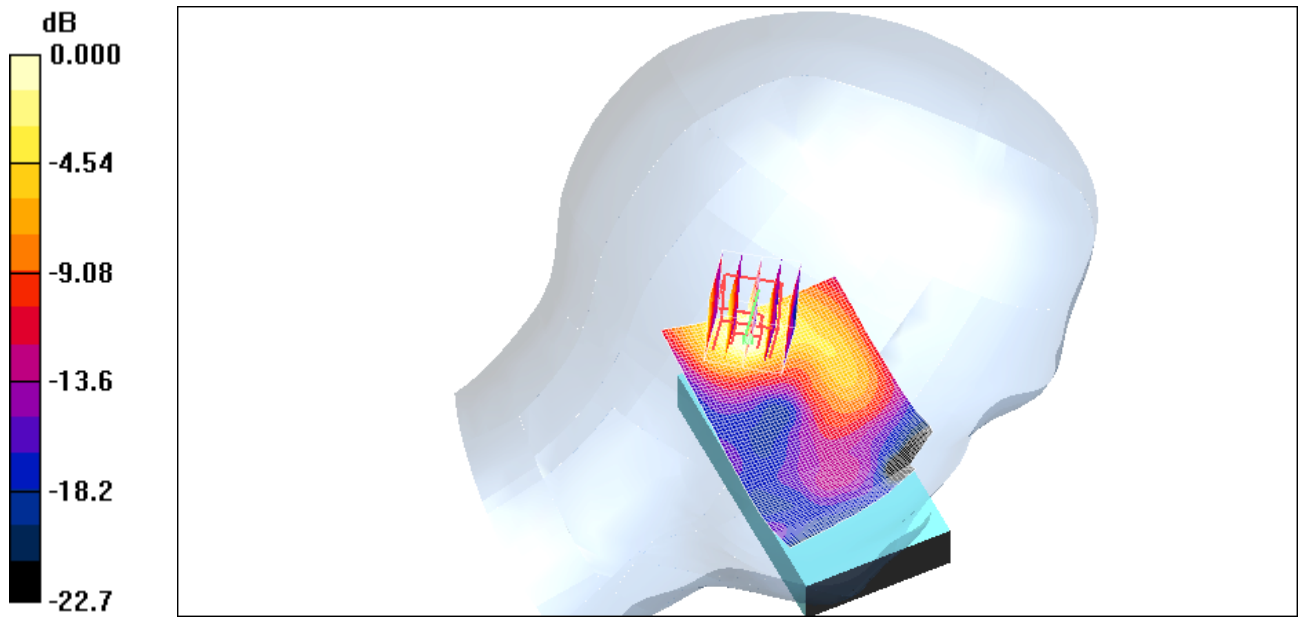Reference Value = 6.47 V/m; Power Drift = 0.476 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.063 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.147 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report**	**83(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 0.147mW/g

Date/Time: 30/07/2009 10:04:44 PM

Test Laboratory: RTS
File Name: LeftHandSide_802.11b_mid_chan_amb_temp_22.8_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
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 = 1.86 mho/m; ε_r = 37.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.156 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
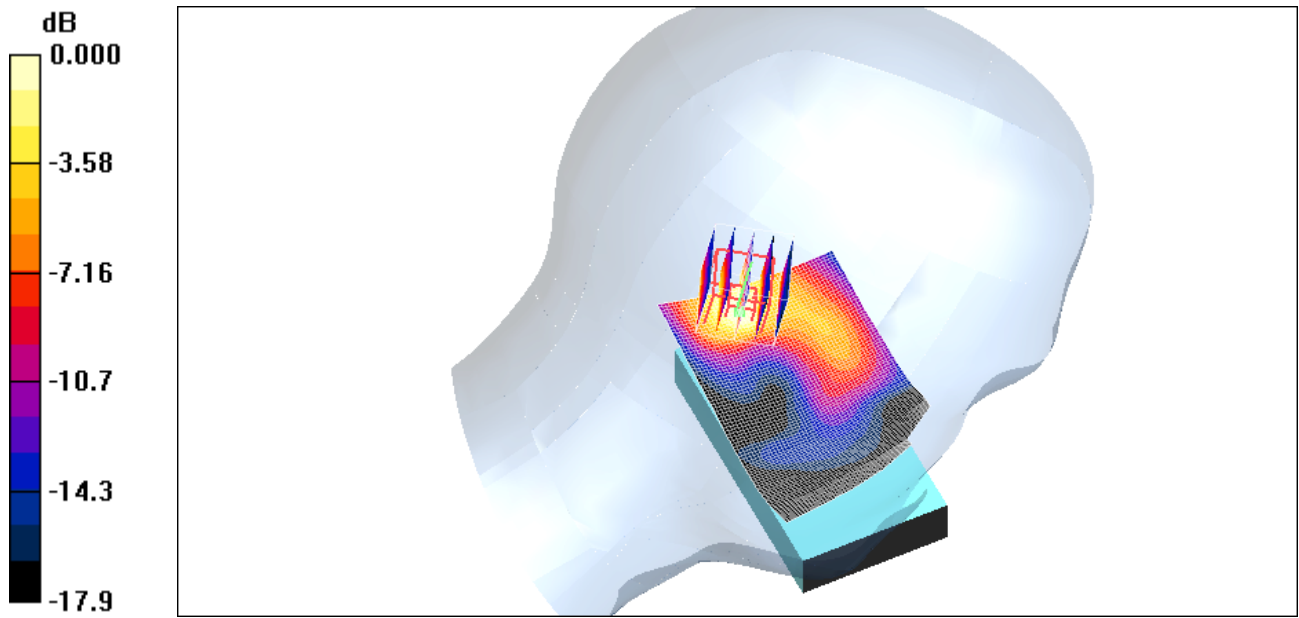Reference Value = 7.69 V/m; Power Drift = -0.239 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.066 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.161 mW/g

0 dB = 0.161mW/g

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: 30/07/2009 10:20:02 PM

Test Laboratory: RTS
File Name: LeftHandSide_802.11b_high_chan_amb_temp_23.2_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.89 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.212 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
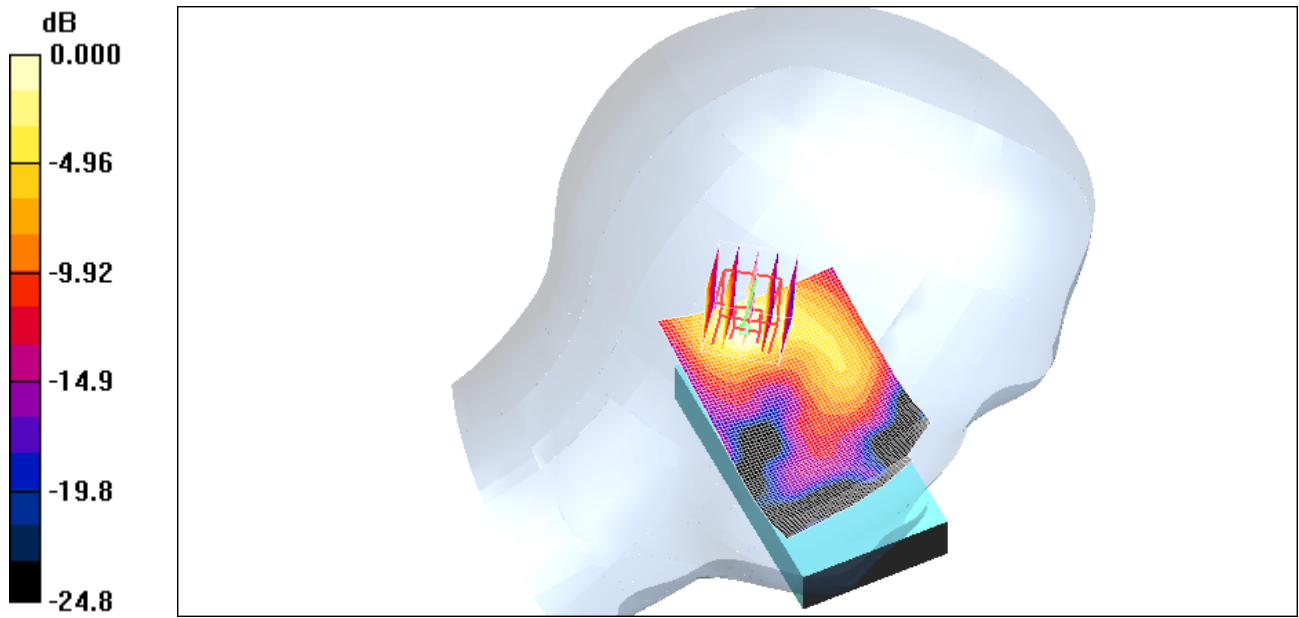Reference Value = 10.0 V/m; Power Drift = -0.189 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.086 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.208 mW/g

0 dB = 0.208mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report**	**88(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: 30/07/2009 10:34:24 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_802.11b_high_chan_amb_temp_22.5_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.89 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.224 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
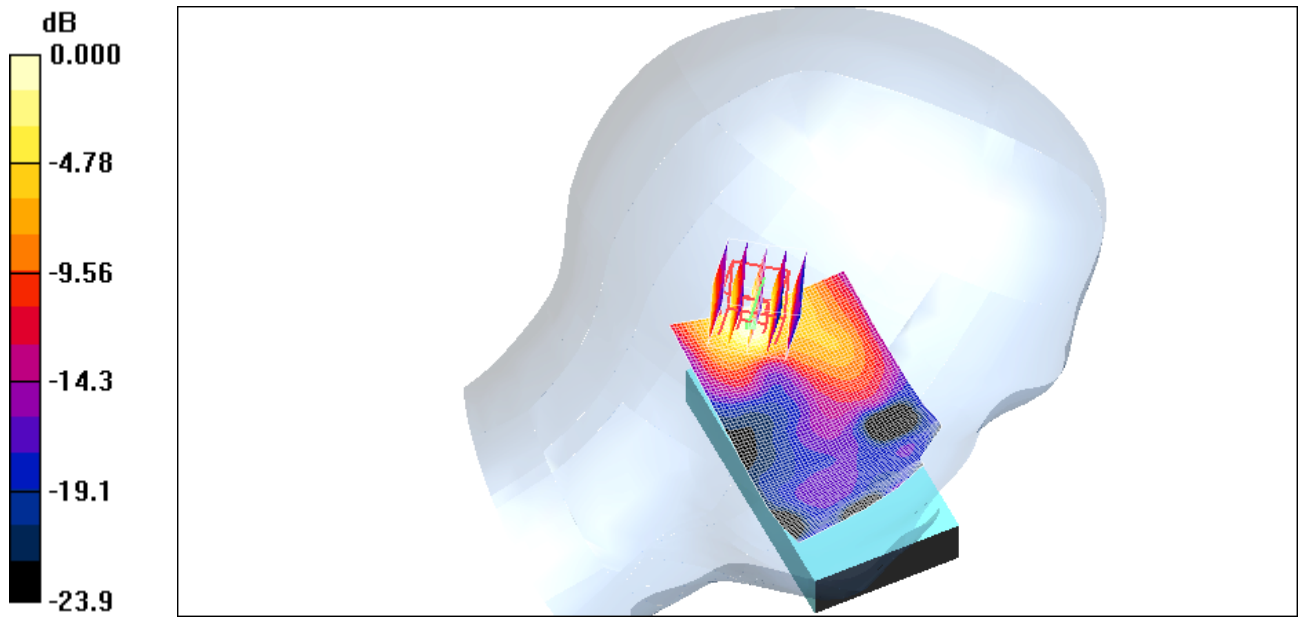Reference Value = 7.35 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.105 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.257 mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW **SAR Report**	**89(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 0.257mW/g

Date/Time: 30/07/2009 8:00:42 PM

Test Laboratory: RTS
File Name: RightHandSide_802.11b_low_chan_amb_temp_23.5_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
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 = 1.83 mho/m; ε_r = 37.9; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.135 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
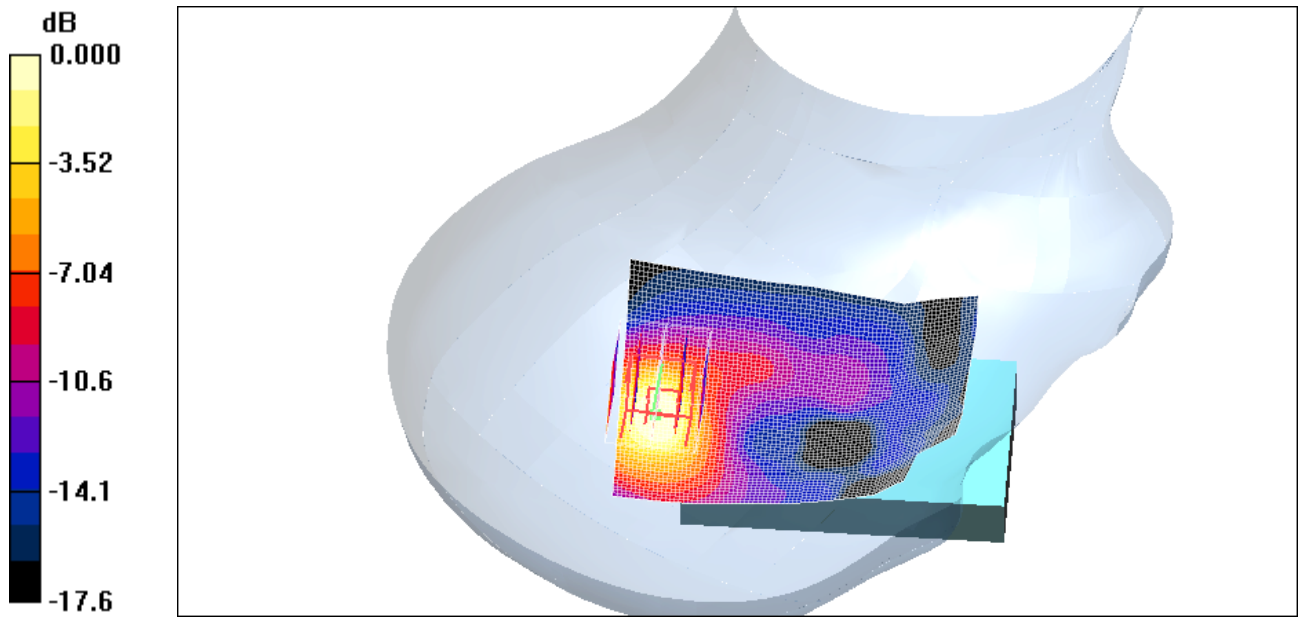Reference Value = 3.66 V/m; Power Drift = -0.268 dB
Peak SAR (extrapolated) = 0.190 W/kg
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.059 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.128 mW/g

0 dB = 0.128mW/g

Date/Time: 30/07/2009 8:17:22 PM

Test Laboratory: RTS
File Name: RightHandSide_802.11b_mid_chan_amb_temp_23.2_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
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 = 1.86 mho/m; ε_r = 37.8; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.136 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
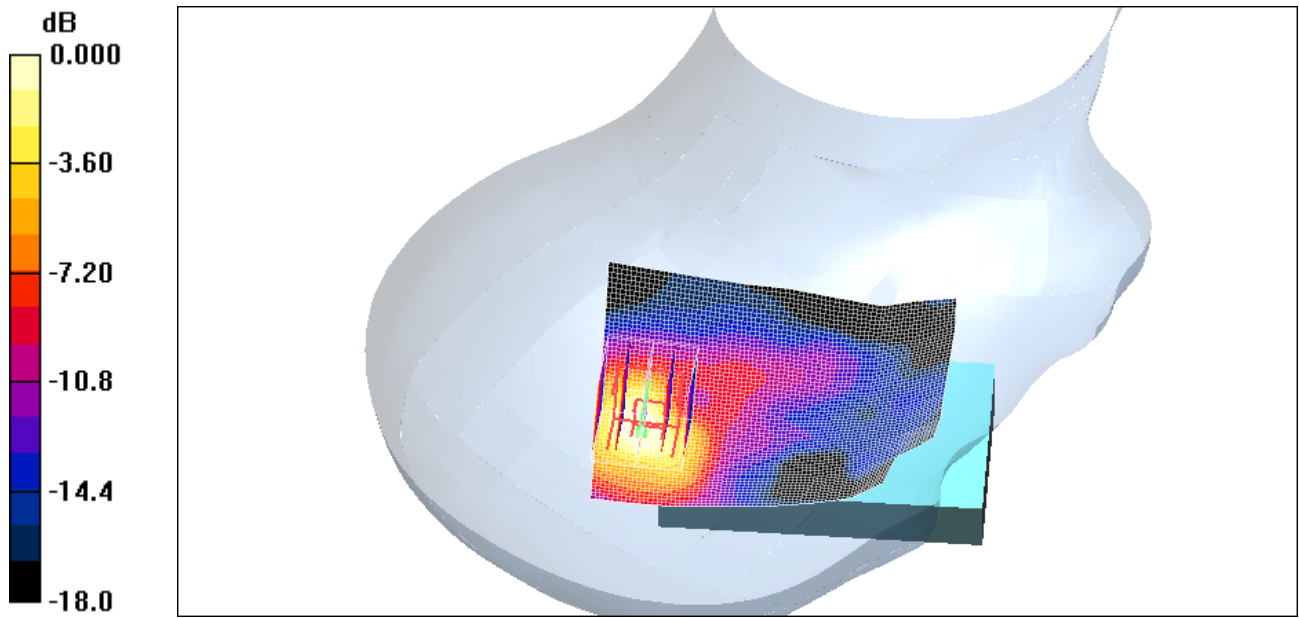Reference Value = 3.04 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.063 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.135 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report**	**93(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

0 dB = 0.135mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	**94(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: 30/07/2009 8:32:55 PM

Test Laboratory: RTS
File Name: RightHandSide_802.11b_high_chan_amb_temp_23.1_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.89 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.167 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
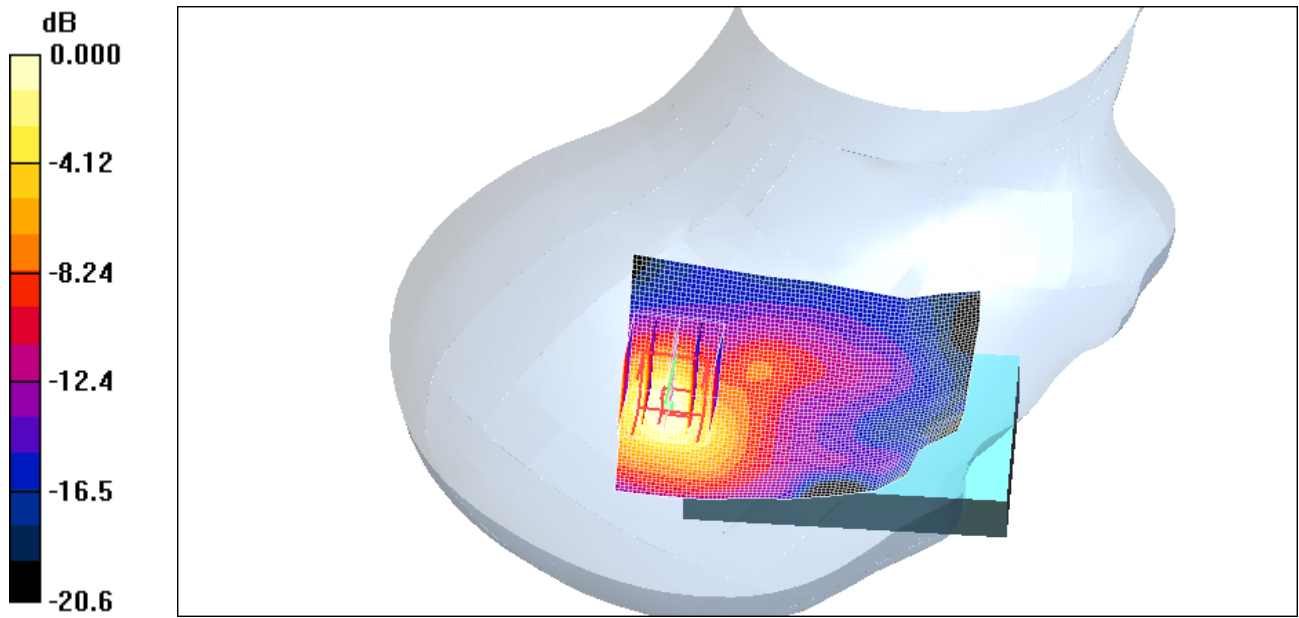Reference Value = 4.43 V/m; Power Drift = -0.243 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.079 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.176 mW/g

0 dB = 0.176mW/g

Date/Time: 30/07/2009 9:01:32 PM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_802.11b_high_chan_amb_temp_23.2_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C2BF7A
Program Name: Compliance Testing: (Right-Hand Side)

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.89 mho/m; ε_r = 37.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.242 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
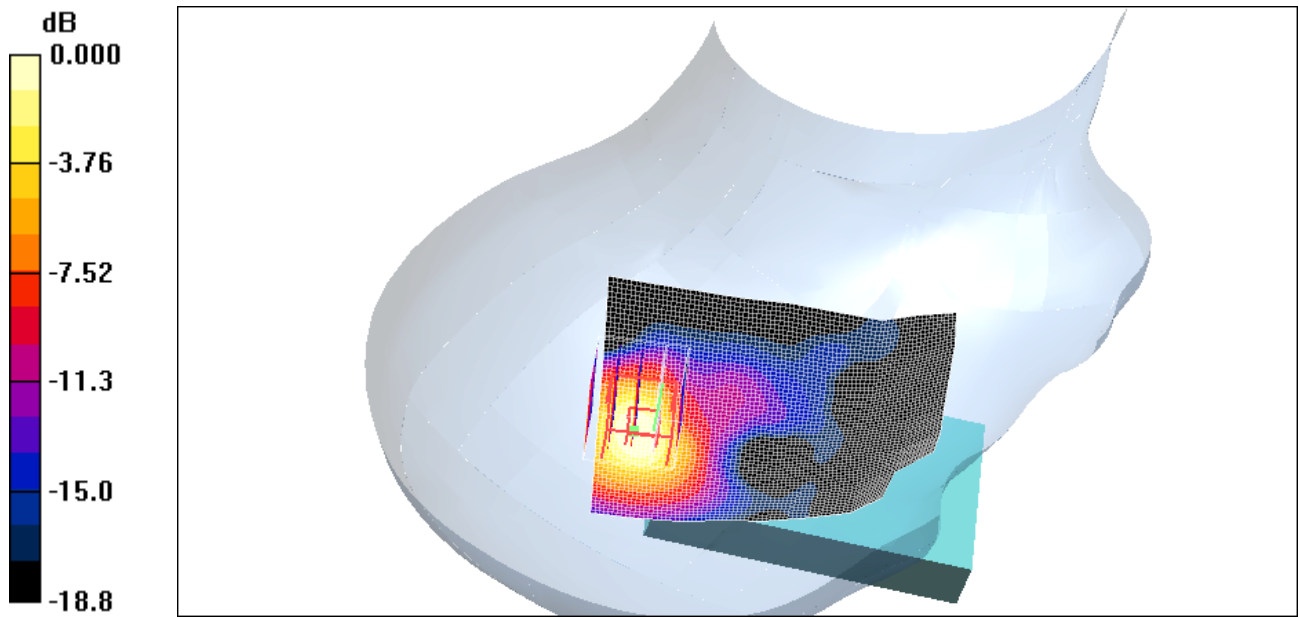Reference Value = 4.09 V/m; Power Drift = -0.168 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.102 mW/g

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

0 dB = 0.238mW/g

	Document	Page
	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	98(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: 06/08/2009 6:42:58 PM

Test Laboratory: RTS
File Name: LeftHandSide_BT_mid_chan_amb_temp_23.0_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30C4355F
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 = 1.85 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.008 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
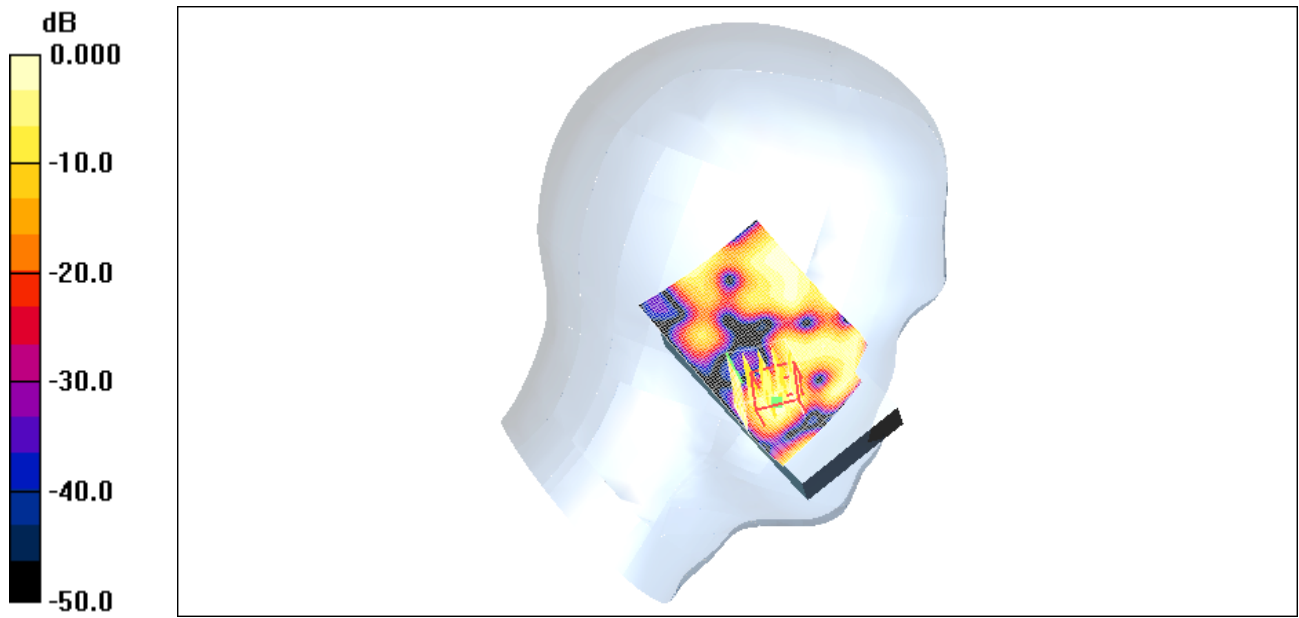Reference Value = 0.974 V/m; Power Drift = 0.237 dB
Peak SAR (extrapolated) = 0.012 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000522 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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

0 dB = 0.007mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	**100(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: 06/08/2009 7:10:36 PM

Test Laboratory: RTS
File Name: RightHandSide_Bluetooth_mid_chan_amb_temp_22.8_liq_temp_21.8C.da4

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

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.85 mho/m; ε_r = 37.3; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); 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) = 0.005 mW/g

Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
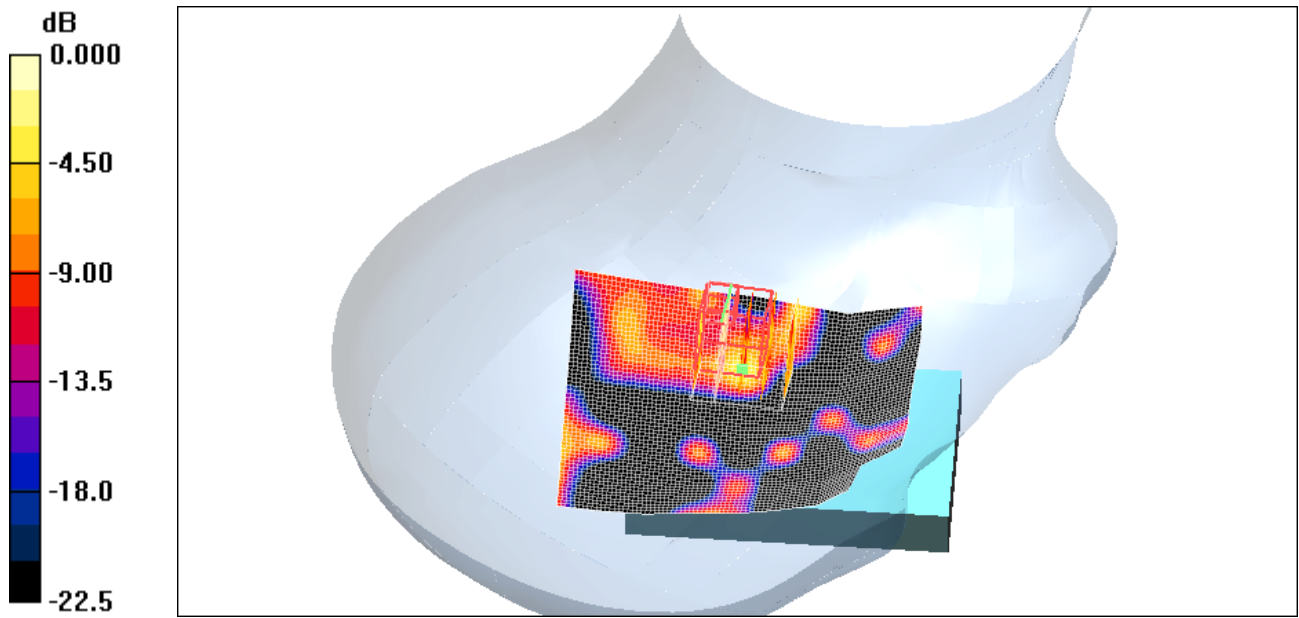Reference Value = 0.924 V/m; Power Drift = 1.84 dB
Peak SAR (extrapolated) = 0.010 W/kg
SAR(1 g) = 0.00078 mW/g; SAR(10 g) = 0.000223 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.010 mW/g

0 dB = 0.010mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCK71CW SAR Report	**102(102)**

Author Data	Dates of Test	Test Report No	FCC ID:
Jean-Paul Hacquoil	**July 23-August 12, 2009**	**RTS-1765-0907-30**	**L6ARCK70CW**

Z axis plot for the worst case head configuration:

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