APPENDIX C: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

Date/Time: 21/07/2009 10:40:09 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS850_low_chan_amb_temp_22.8C_liq_temp_21.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.937 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.688 mW/g

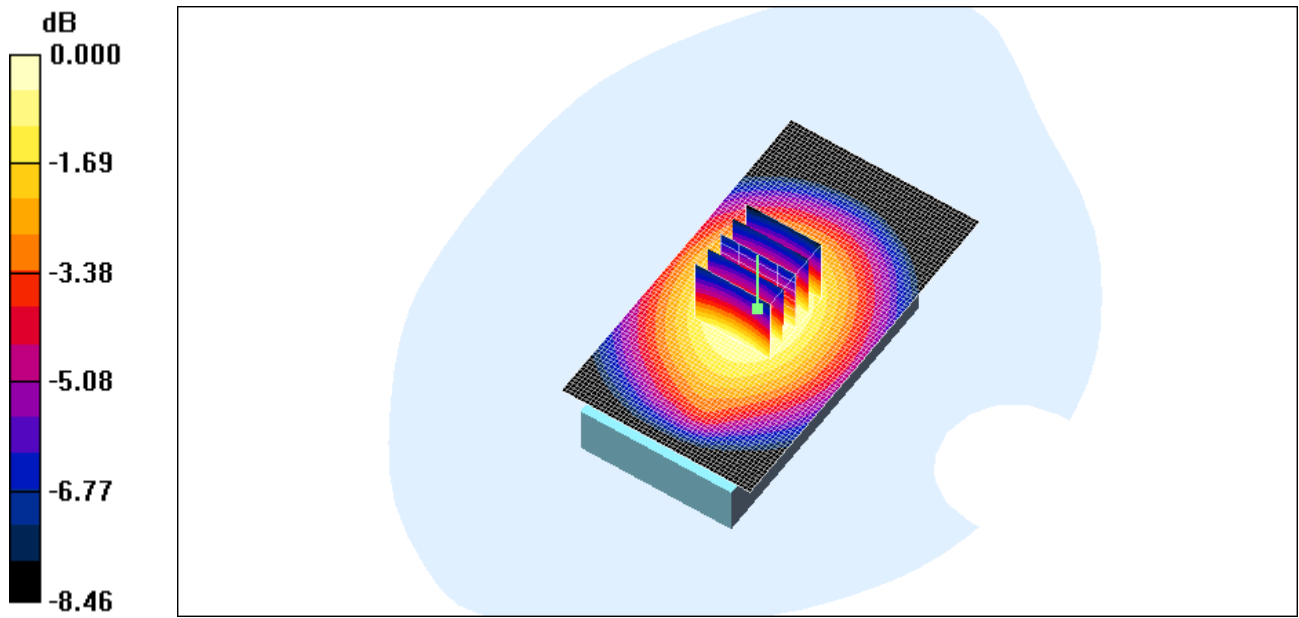**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.9 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.799 W/kg
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.482 mW/g
Maximum value of SAR (measured) = 0.688 mW/g

0 dB = 0.688mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model **RCM71UW SAR Report**	**4(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 21/07/2009 10:54:07 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS850_mid_chan_amb_temp_22.8C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.949 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.718 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
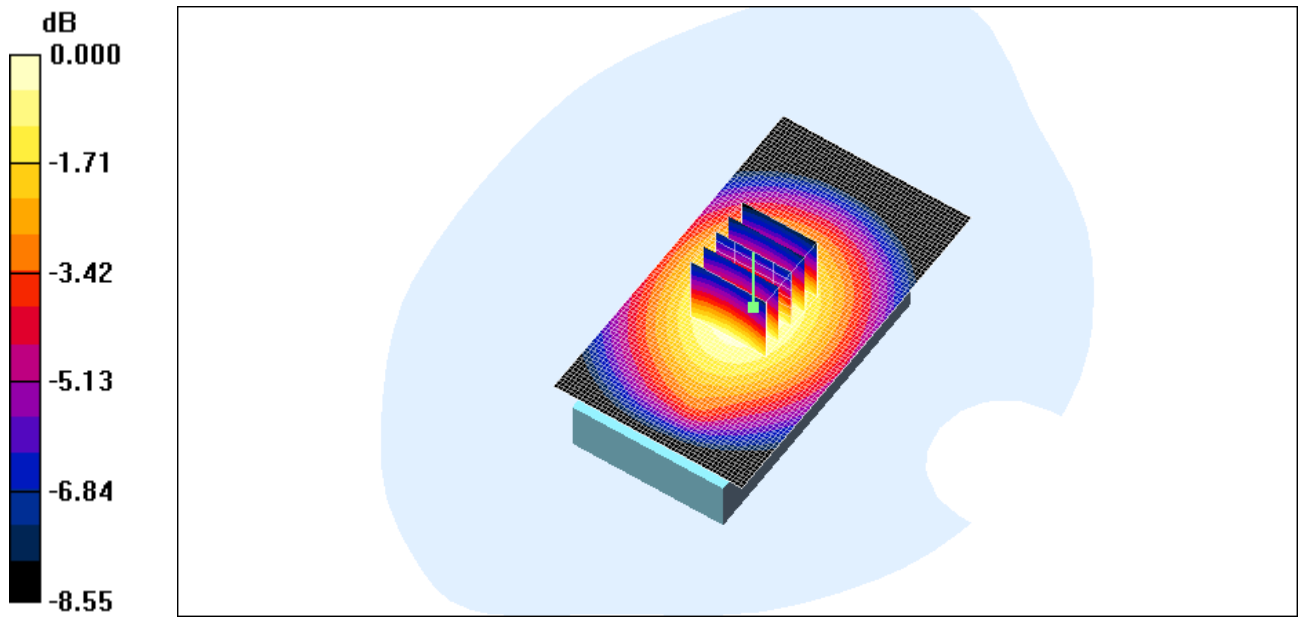Reference Value = 28.6 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.850 W/kg
SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.504 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.722 mW/g

0 dB = 0.722mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model **RCM71UW SAR Report**	**6(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 21/07/2009 11:07:44 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS850_high_chan_amb_temp_22.7C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.959 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.707 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
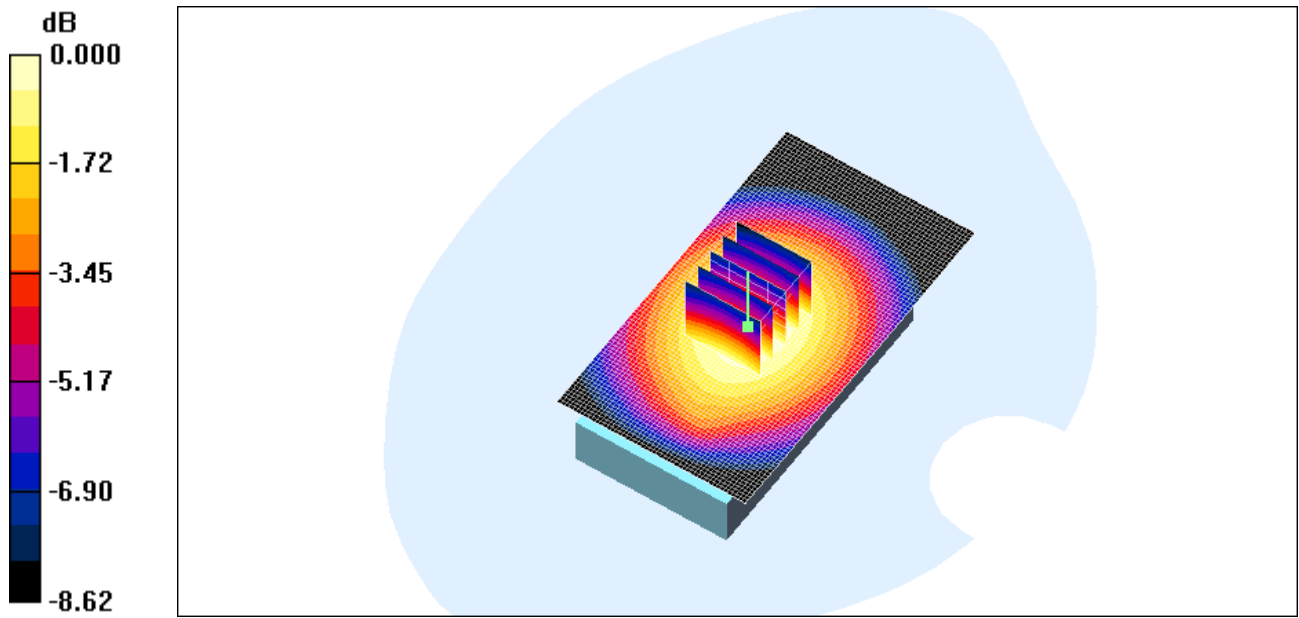Reference Value = 28.2 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.495 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.700 mW/g

0 dB = 0.700mW/g

Date/Time: 21/07/2009 11:22:20 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS850_mid_chan_amb_temp_22.7C_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.949 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.658 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.5 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.459 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.656 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**9(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.656mW/g

Date/Time: 21/07/2009 11:38:05 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_GPRS850_mid_chan_amb_temp_22.6C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.949 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.644 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
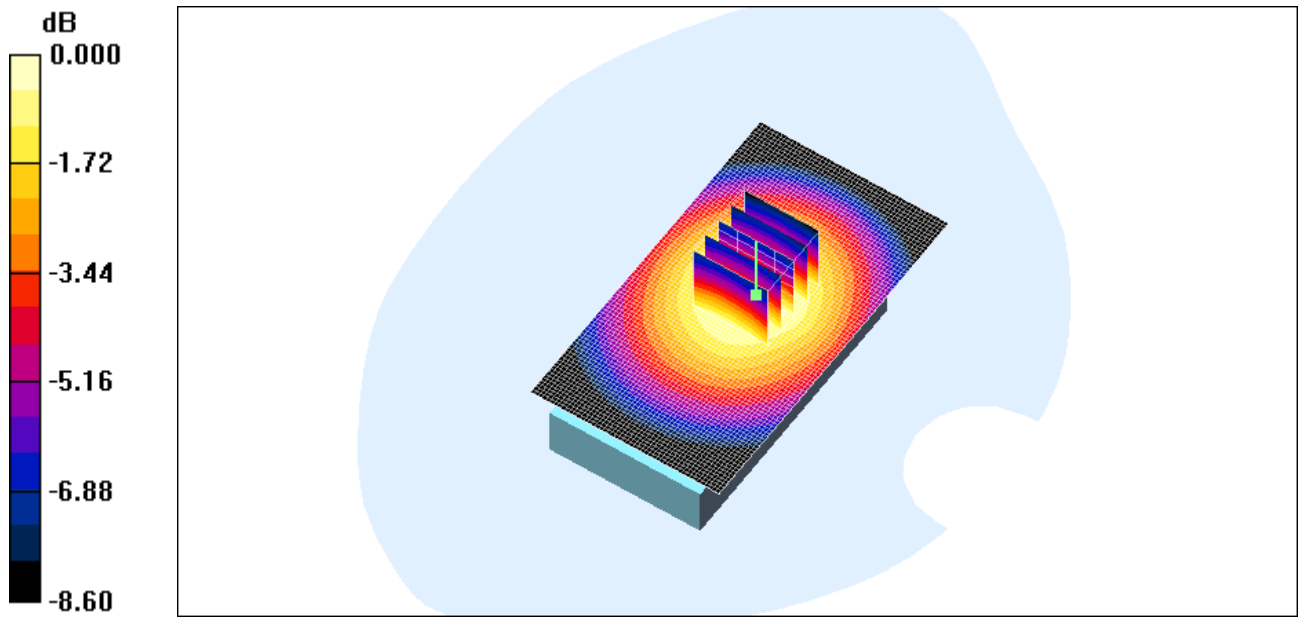Reference Value = 26.5 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.755 W/kg
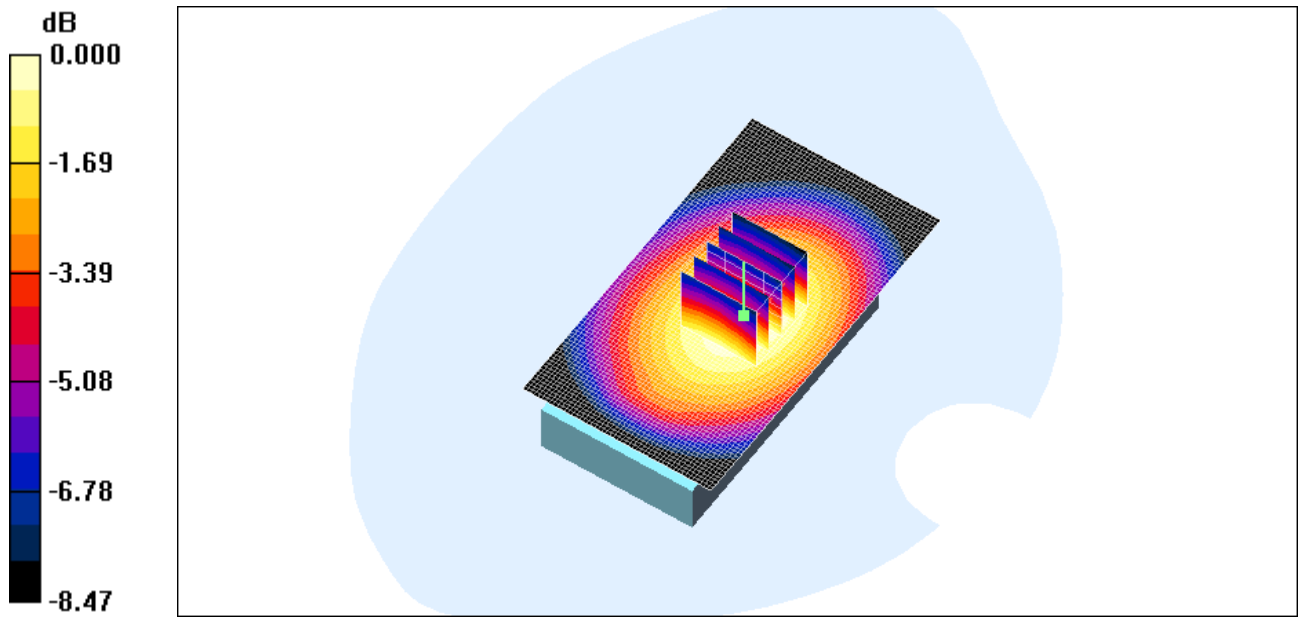**SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.452 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.643 mW/g

0 dB = 0.643mW/g

Date/Time: 21/07/2009 11:52:20 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_Headset1_GPRS850_mid_chan_amb_temp_22.7C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.949 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.699 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.5 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.489 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.698 mW/g

0 dB = 0.698mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**14(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 22/07/2009 12:11:40 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_Headset2_GPRS850_mid_chan_amb_temp_23.2C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.949 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.654 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
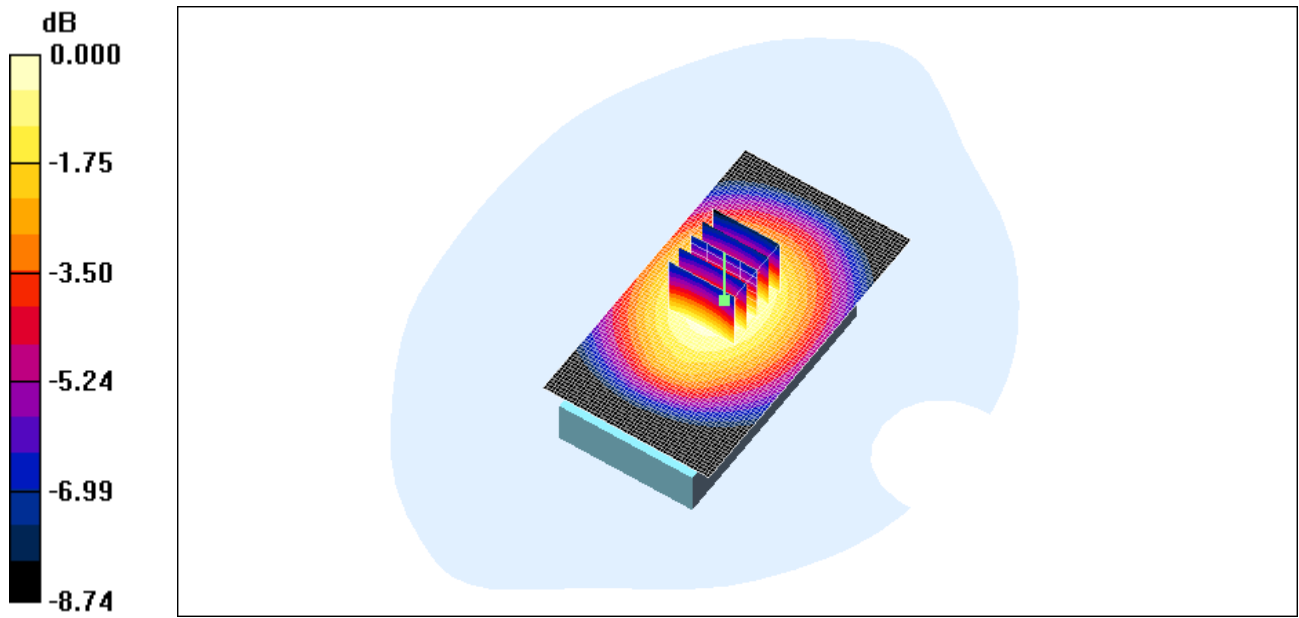Reference Value = 26.7 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.773 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.458 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.661 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**15(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.661mW/g

Date/Time: 22/07/2009 12:29:16 AM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_GPRS850_mid_chan_amb_temp_23.0C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.949 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.529 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
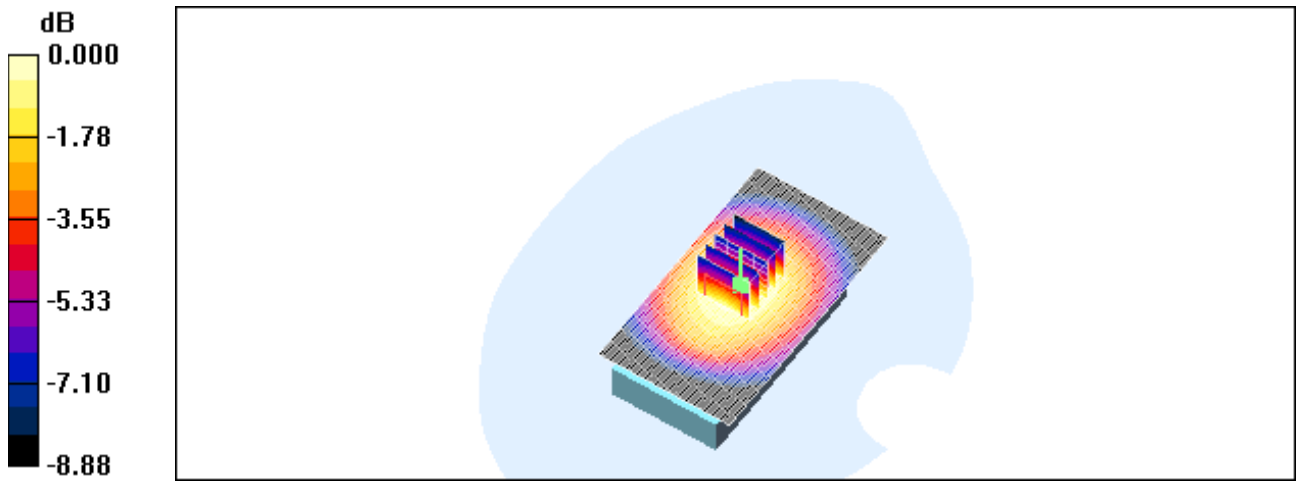dy=7.5mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.377 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.536 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**17(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.536mW/g

Date/Time: 19/08/2009 10:59:58 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS850_mid_chan_amb_temp_22.9C_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.939$ mho/m; $\varepsilon_r = 53.2$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.752 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
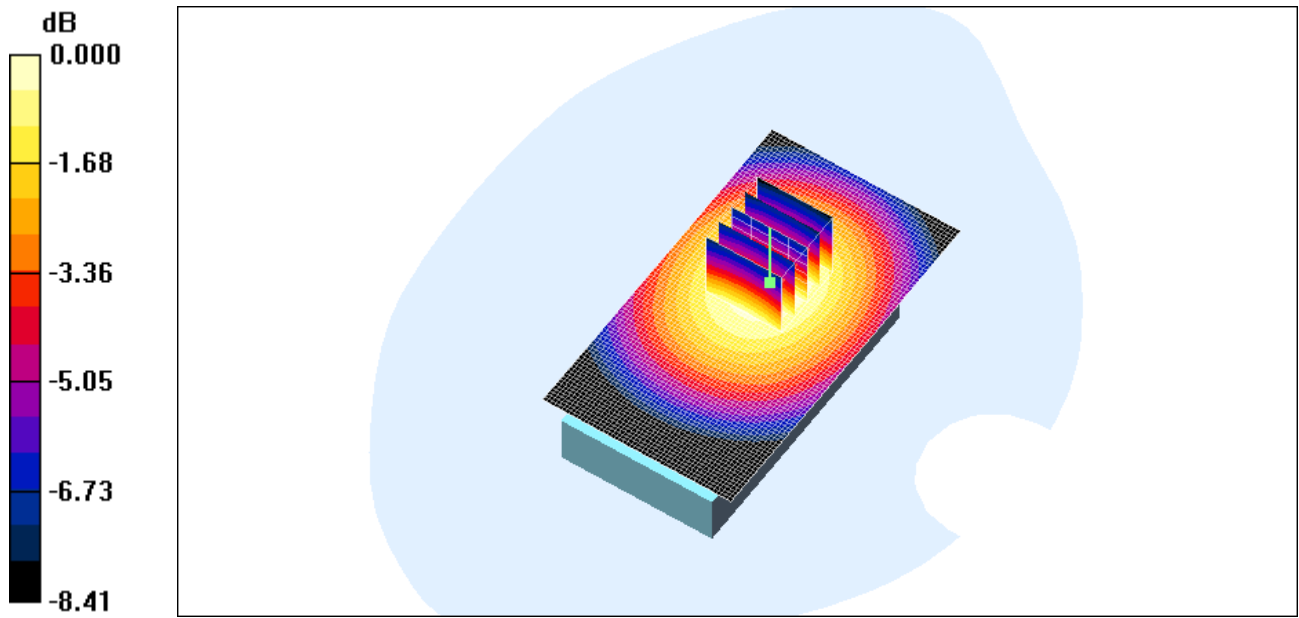Reference Value = 28.1 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.857 W/kg
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.524 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.738 mW/g

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.738mW/g

Date/Time: 22/07/2009 12:50:02 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_UMTS_band_V_low_chan_amb_temp_22.8C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.938 mho/m; ϵ_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.792 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
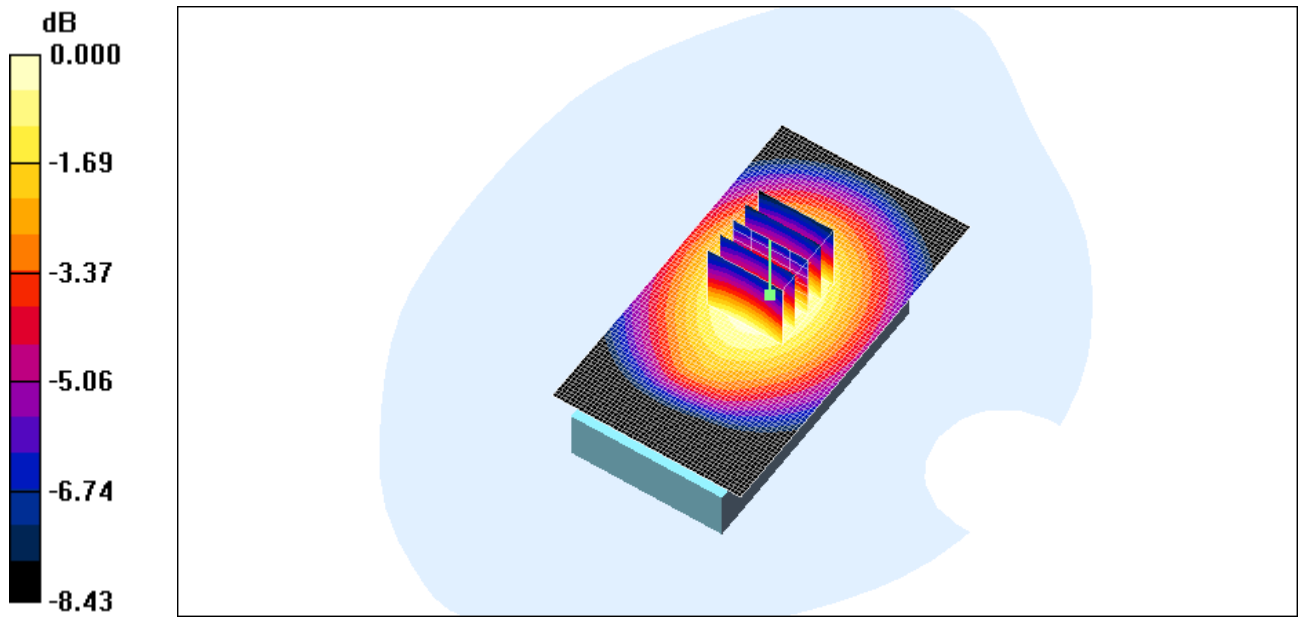Reference Value = 30.2 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.545 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.780 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**21(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.780mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**22(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 22/07/2009 1:05:17 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_UMTS_band_V_mid_chan_amb_temp_22.7C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.948 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.713 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
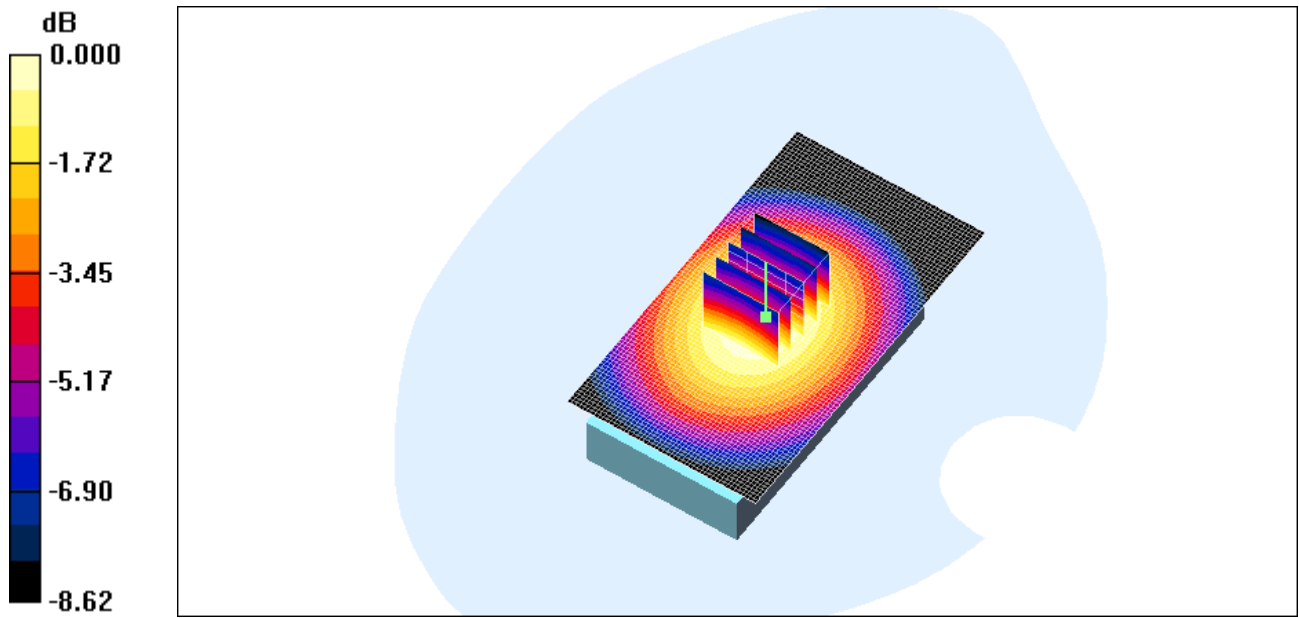Reference Value = 28.0 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.492 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.707 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**23(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.707mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**24(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 22/07/2009 1:19:17 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_UMTS_band_V_high_chan_amb_temp_22.7C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.956 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.712 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
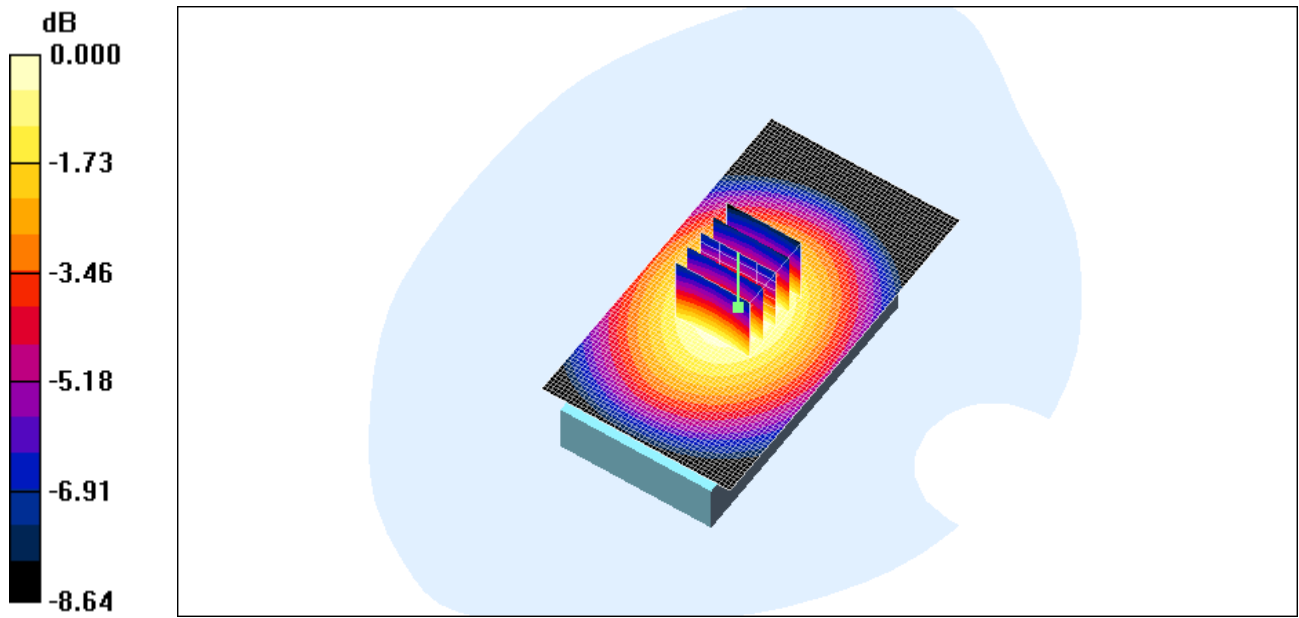Reference Value = 28.3 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.842 W/kg
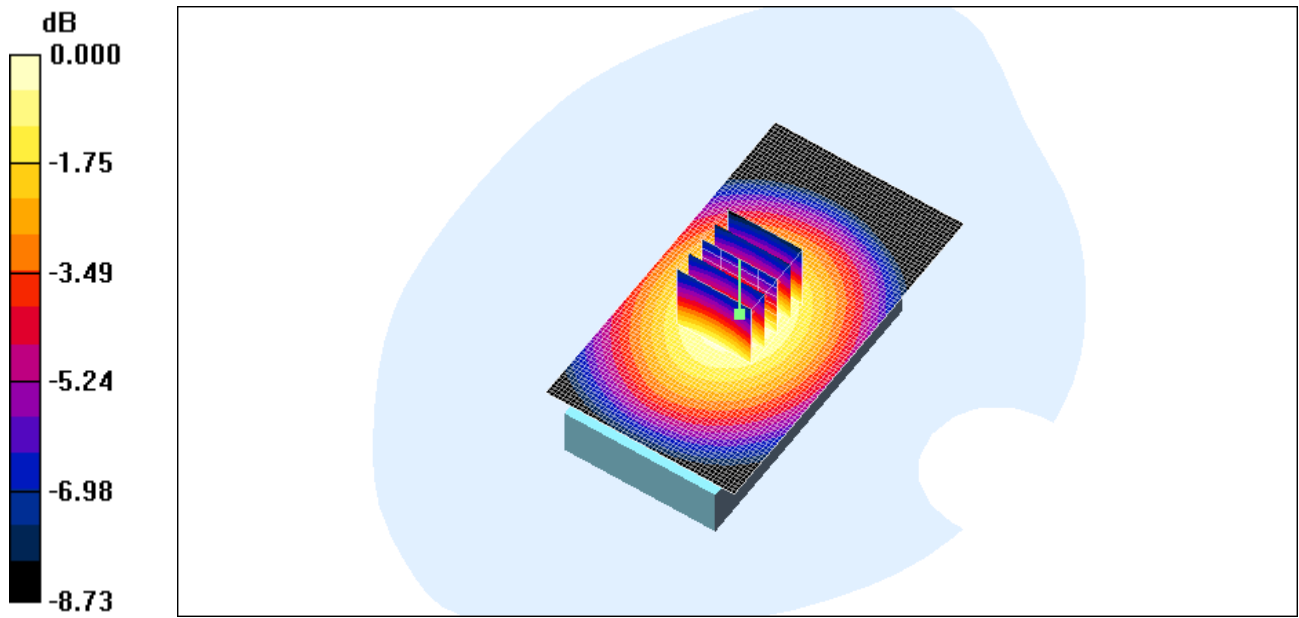**SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.497 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.712 mW/g

0 dB = 0.712mW/g

Date/Time: 22/07/2009 1:34:49 AM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_UMTS_band_V_low_chan_amb_temp_22.7C_liq_temp_22.1 C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.760 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
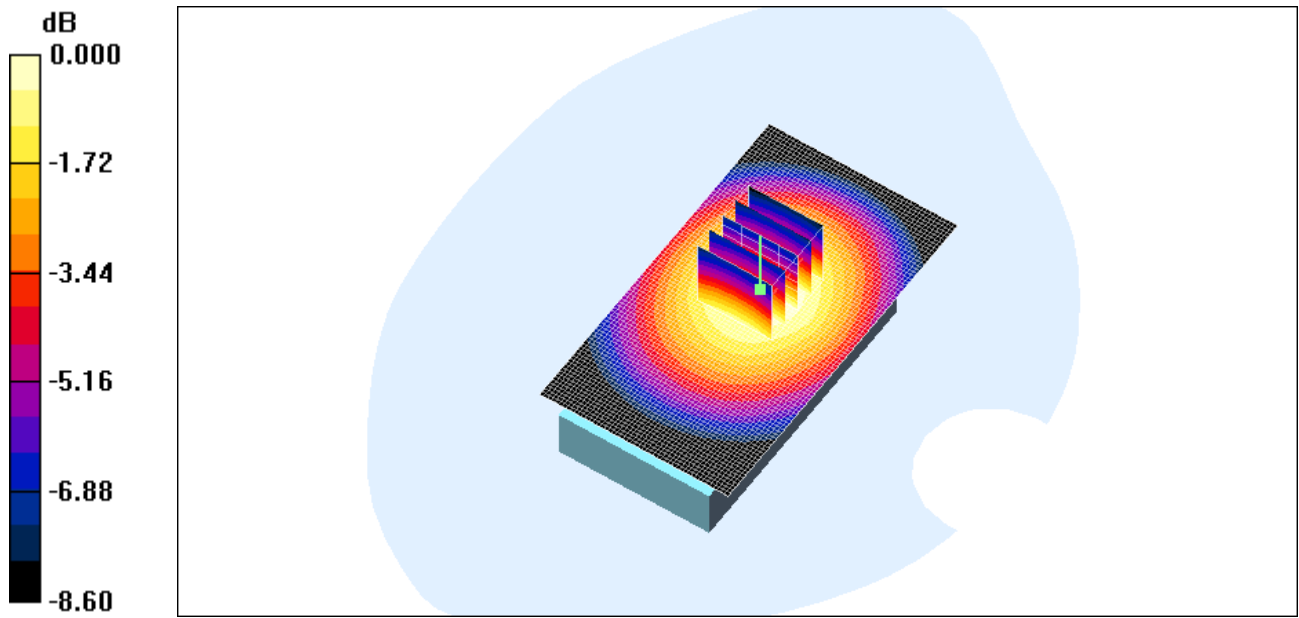Reference Value = 27.4 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.870 W/kg
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.521 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.739 mW/g

0 dB = 0.739mW/g

Date/Time: 22/07/2009 1:50:34 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_UMTS_band_V_low_chan_amb_temp_23.0C_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.811 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.4 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.578 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.815 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**29(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.815mW/g

Date/Time: 22/07/2009 11:39:54 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_Headset1_UMTS_band_V_low_chan_amb_temp_22.8C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.615 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
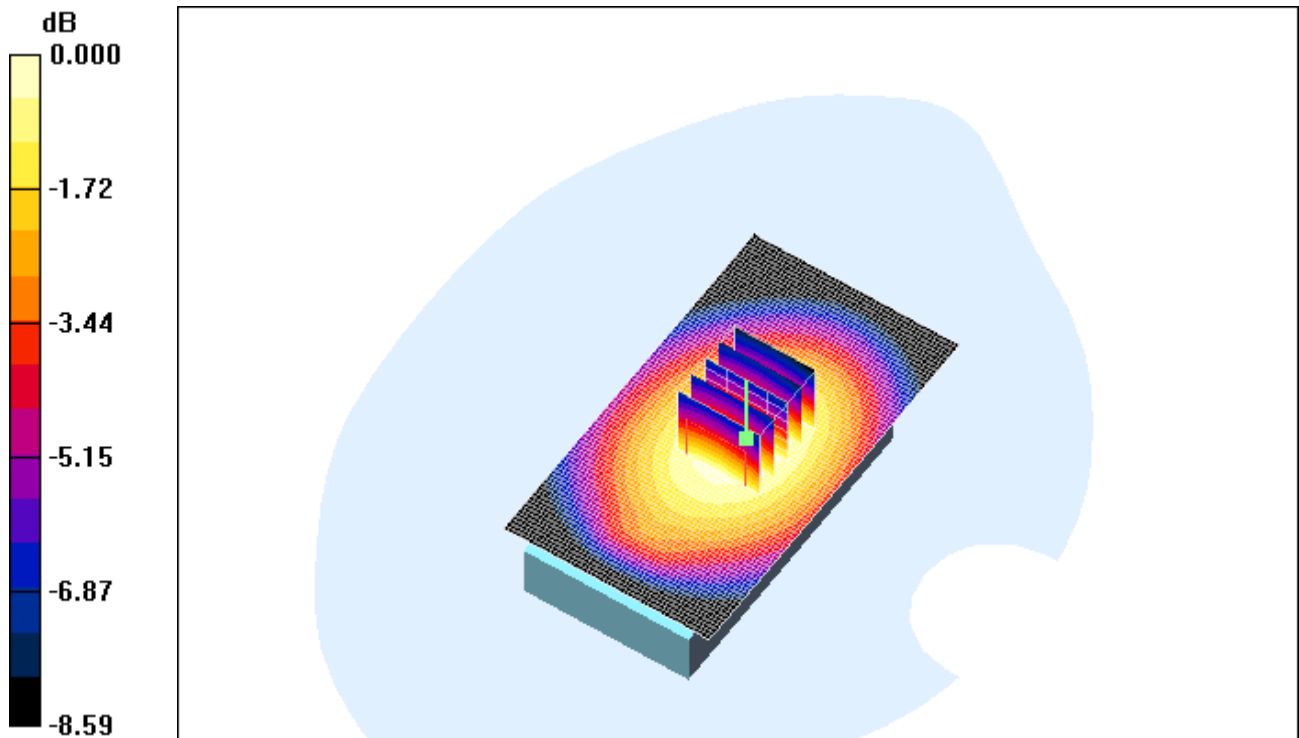Reference Value = 24.3 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.422 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.593 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**31(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.593mW/g

Date/Time: 22/07/2009 12:45:48 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_Headset2_UMTS_band_V_low_chan_amb_temp_22.6C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
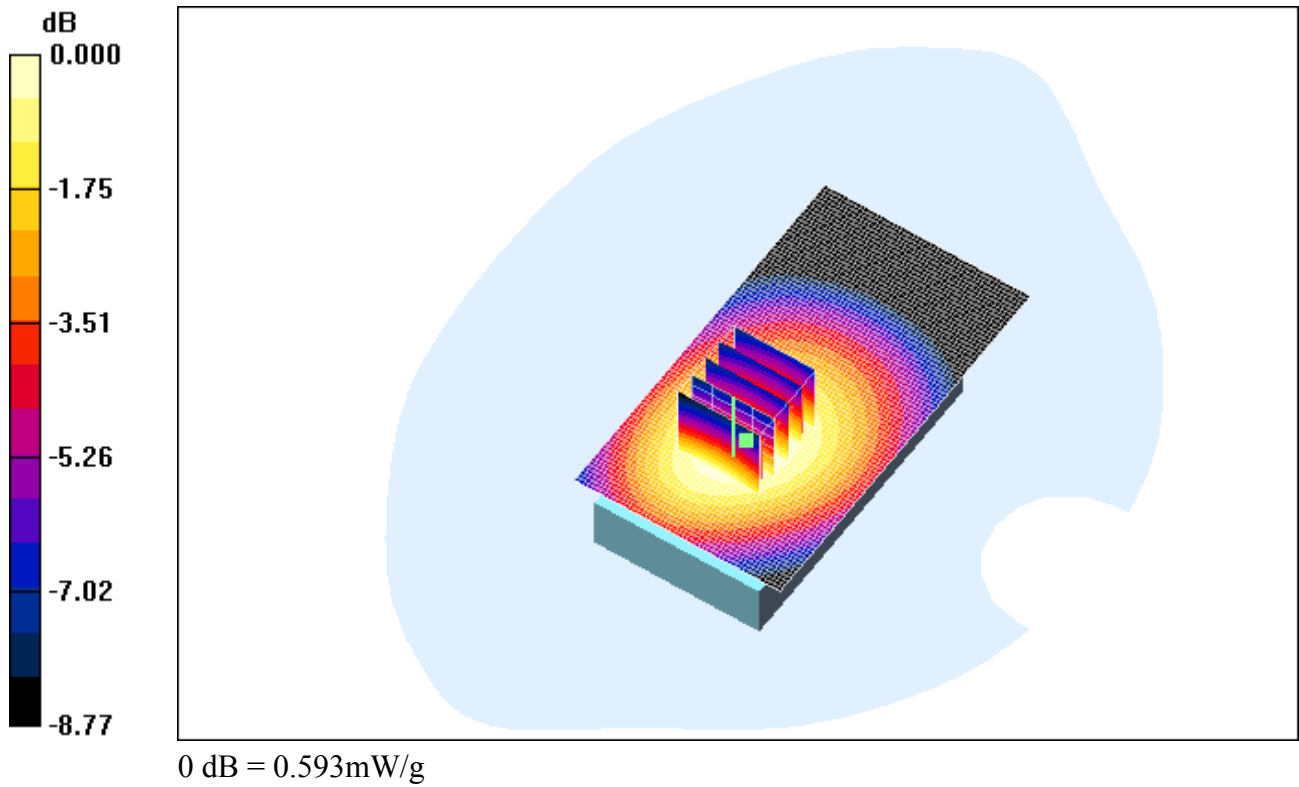Reference Value = 23.0 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.654 W/kg
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.390 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.560 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**33(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.560mW/g

Date/Time: 22/07/2009 1:17:17 PM

Test Laboratory: RTS
File Name:
25mm_Front_UMTS_band_V_low_chan_amb_temp_22.5C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.539 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
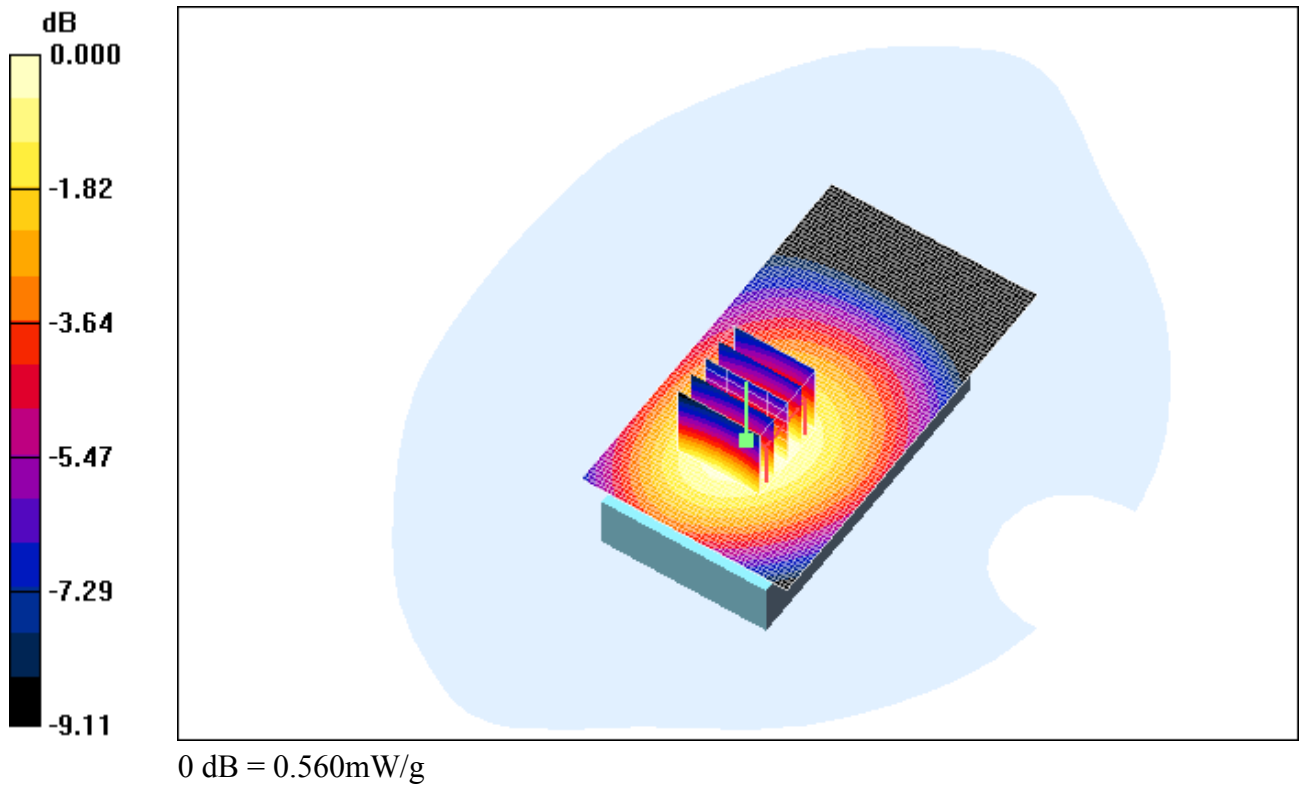Reference Value = 23.1 V/m; Power Drift = 0.017 dB
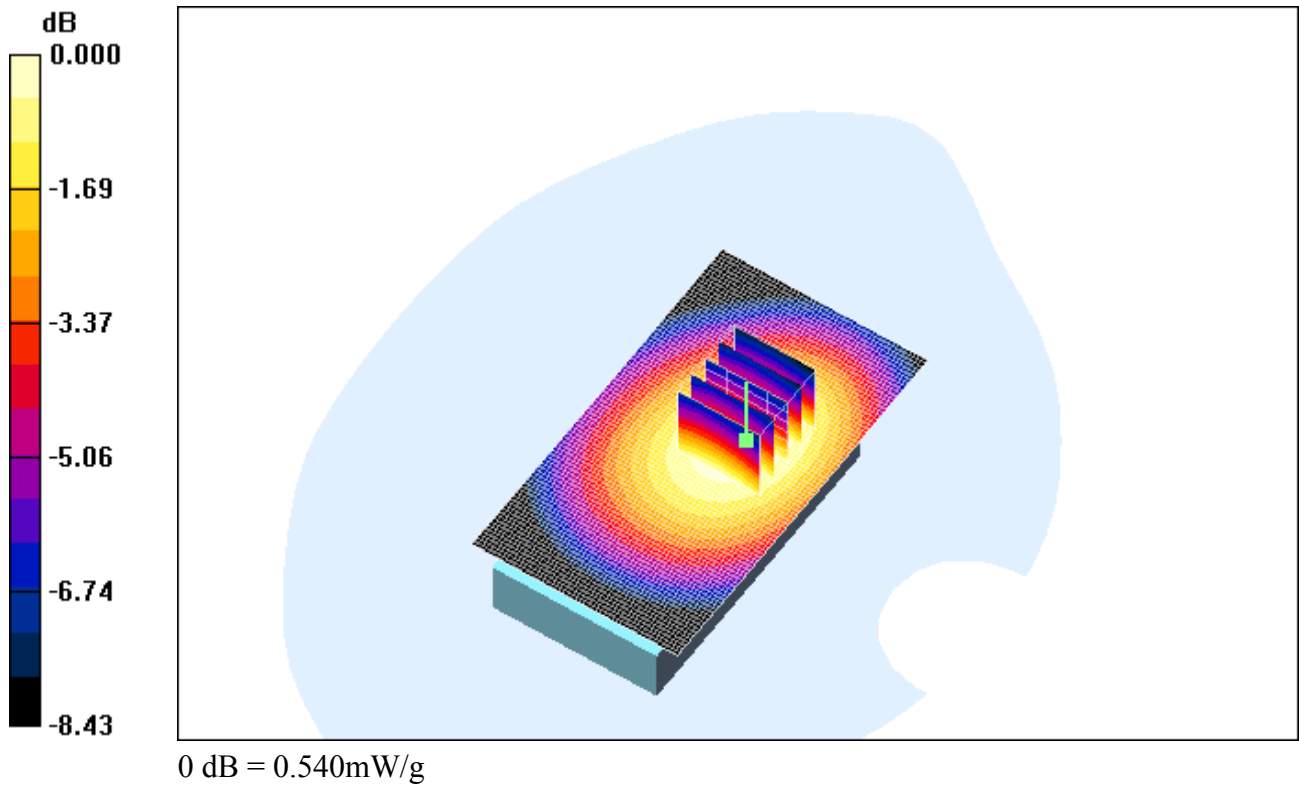Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.382 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.540 mW/g

0 dB = 0.540mW/g

Date/Time: 22/07/2009 1:02:29 PM

Test Laboratory: RTS
File Name:
25mm_Back_UMTS_band_V_low_chan_amb_temp_22.5C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.938 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.587 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.415 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.588 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**37(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.588mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**38(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 16/07/2009 10:17:25 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS1900_mid_chan_amb_temp_23.7C_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\varepsilon_r = 50.8$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.420 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
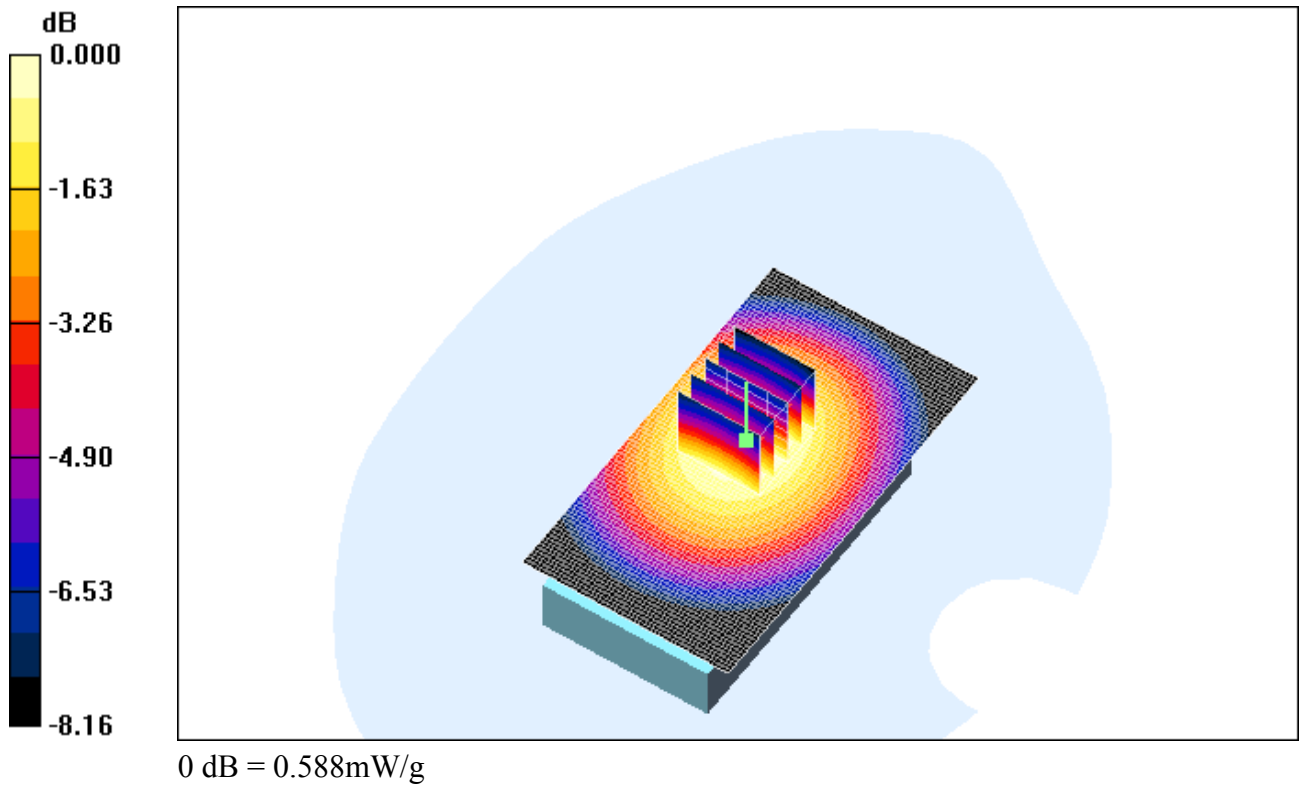Reference Value = 6.00 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.420 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**39(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.420mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**40(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 16/07/2009 10:01:23 AM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS1900_mid_chan_amb_temp_22.6C_liq_temp_22.0C.da
4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.394 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
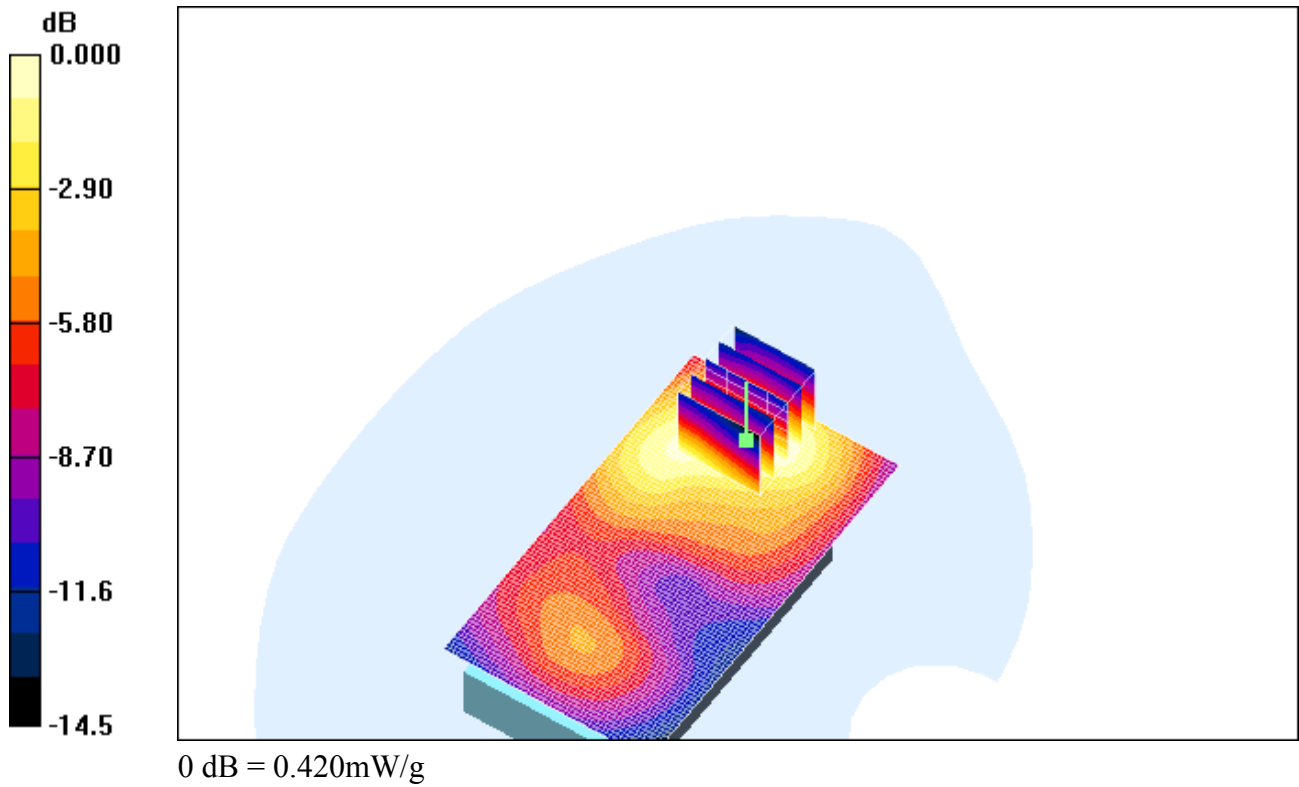dy=7.5mm, dz=5mm
Reference Value = 6.30 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.383 mW/g

0 dB = 0.383mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**42(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	July 15-August 20, 2009	RTS-1689-0908-30	L6ARCM70UW

Date/Time: 16/07/2009 10:31:37 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_GPRS1900_mid_chan_amb_temp_23.0C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
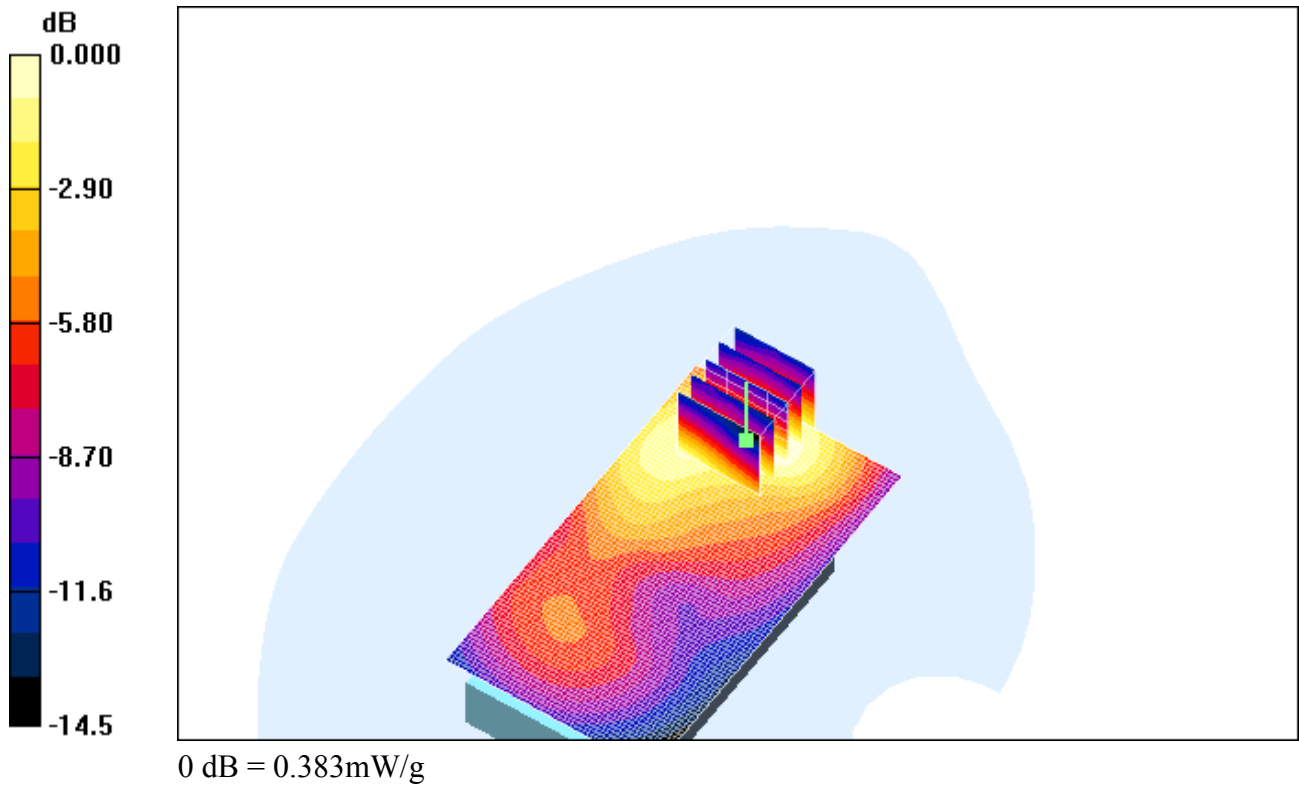Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.242 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.13 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.242 mW/g

0 dB = 0.242mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**44(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 16/07/2009 10:51:16 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Headset1_Back_GPRS1900_mid_chan_amb_temp_23.0C_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
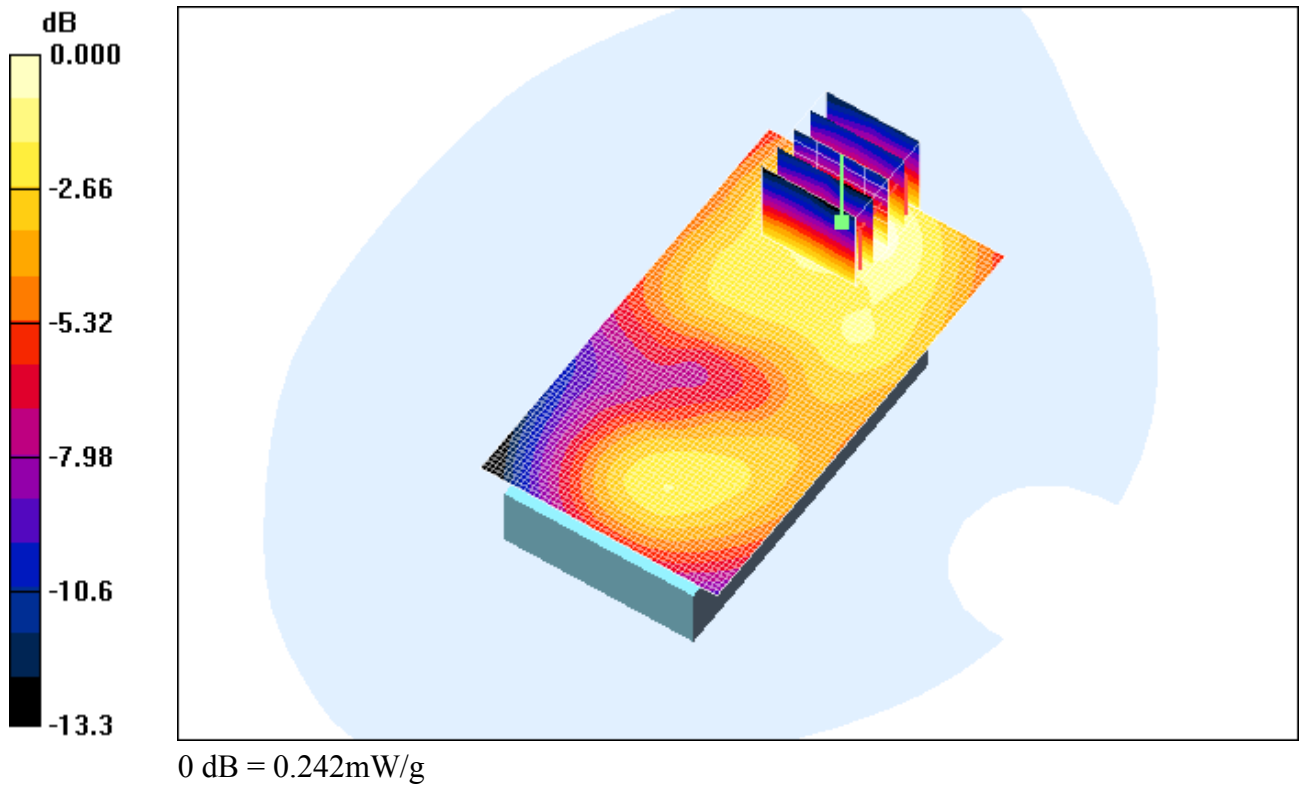Maximum value of SAR (interpolated) = 0.415 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.94 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.412 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**45(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.412mW/g

Date/Time: 16/07/2009 11:06:14 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Headset2_Back_GPRS1900_mid_chan_amb_temp_22.9C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\varepsilon_r = 50.8$; $\rho = 1000$ kg/m^3
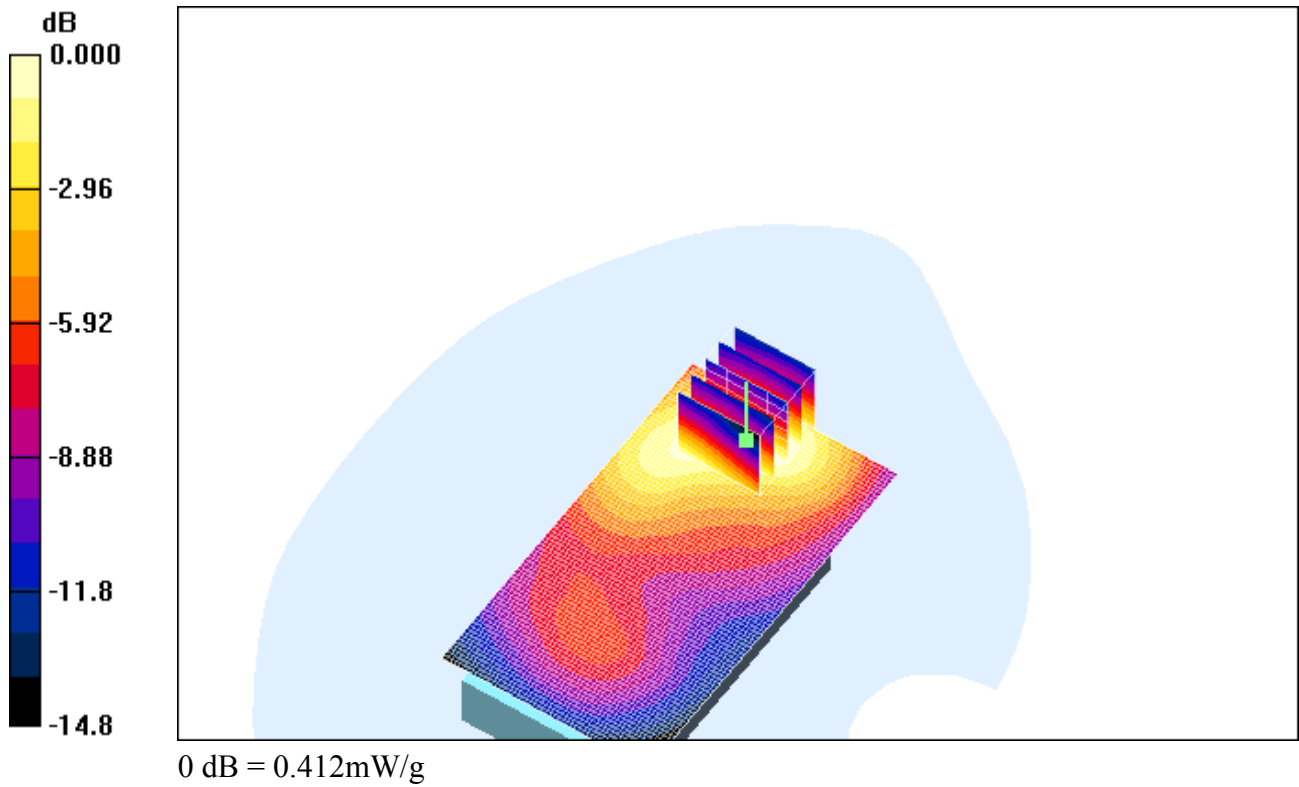Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.407 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.72 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.417 mW/g

0 dB = 0.417mW/g

Date/Time: 16/07/2009 11:23:08 AM

Test Laboratory: RTS
File Name: 25mm_Back_GPRS1900_mid_chan_amb_temp_22.8C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211AOA31
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
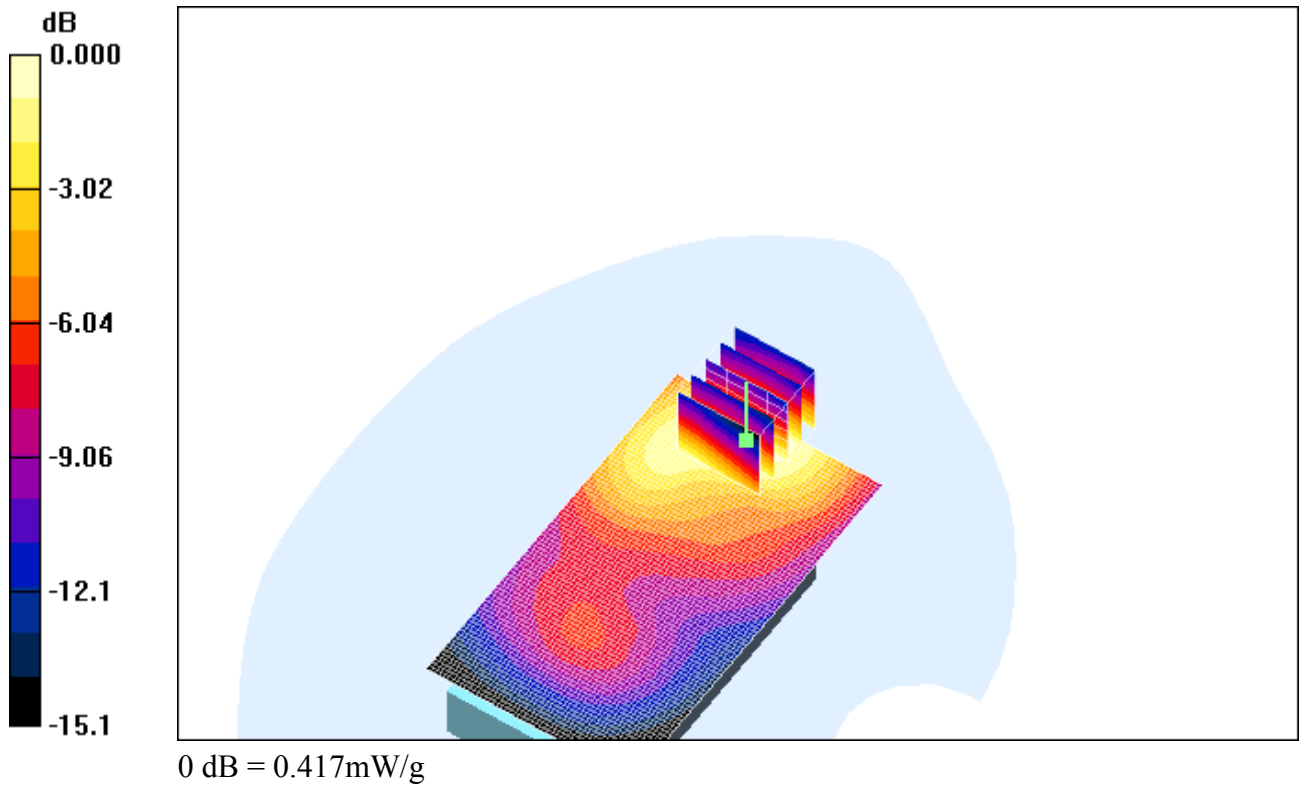Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.292 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.13 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.299 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**49(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.299mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report	**50(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 12/08/2009 5:23:43 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_EDGE1900_mid_chan_amb_temp_23.2C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.9; ρ = 1000 kg/m³
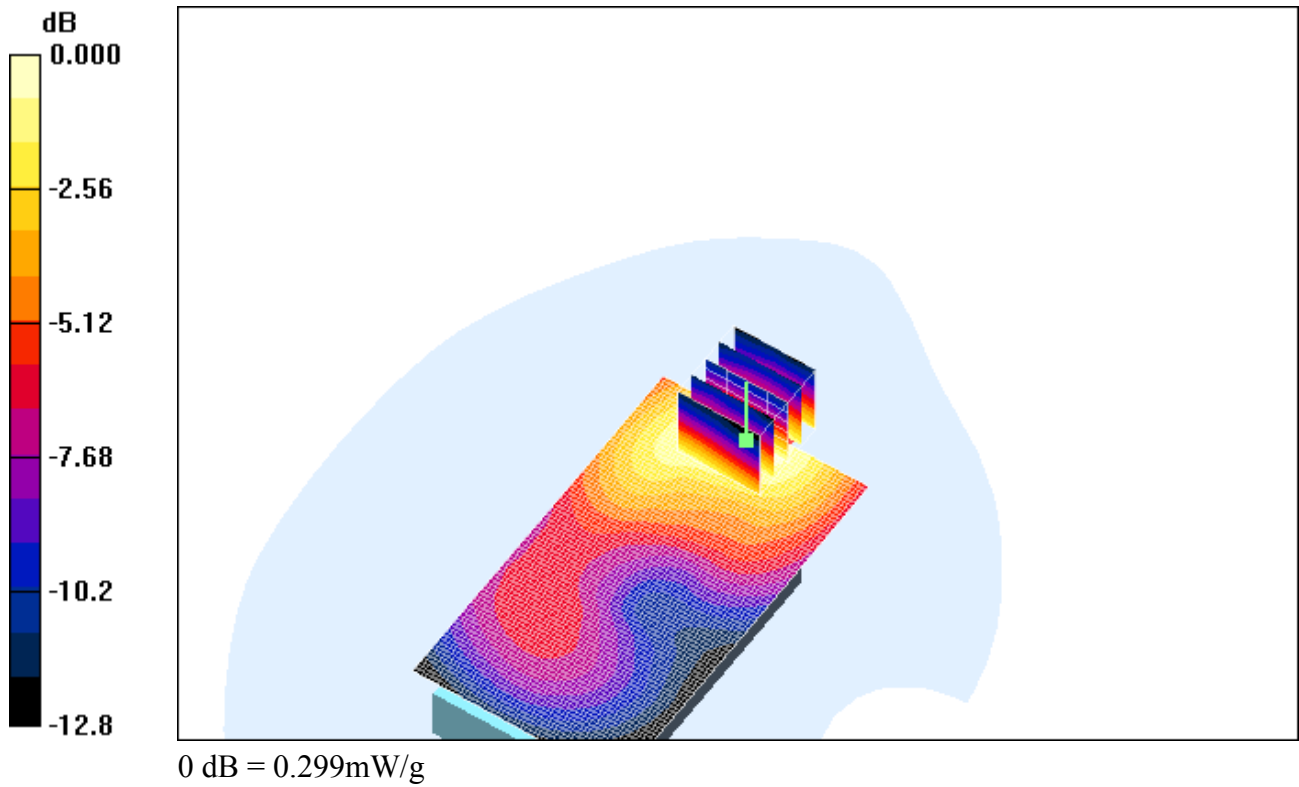Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.452 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.66 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 0.579 W/kg
SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.442 mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report	**51(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.442mW/g

Date/Time: 12/08/2009 2:55:41 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_UMTS_band_II_low_chan_amb_temp_22.8C_liq_temp_21.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.52 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.648 mW/g

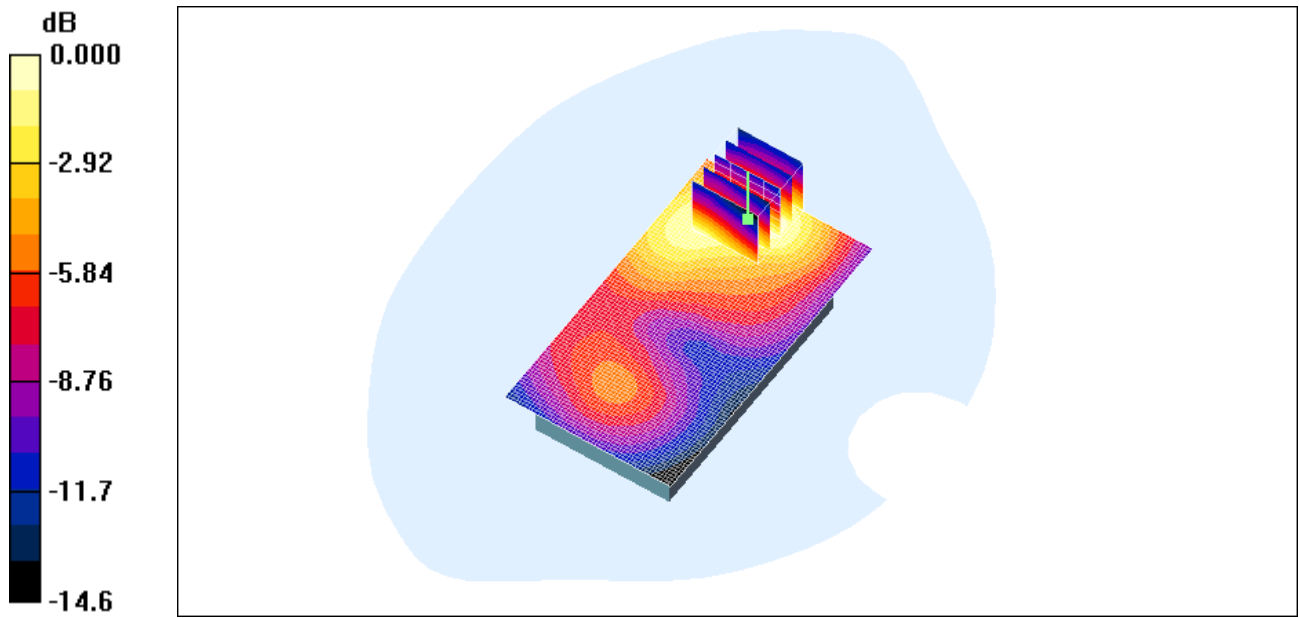**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.47 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.856 W/kg
SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.381 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.656 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**53(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.656mW/g

Date/Time: 12/08/2009 3:14:25 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_UMTS_band_II_mid_chan_amb_temp_23.1C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.426 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
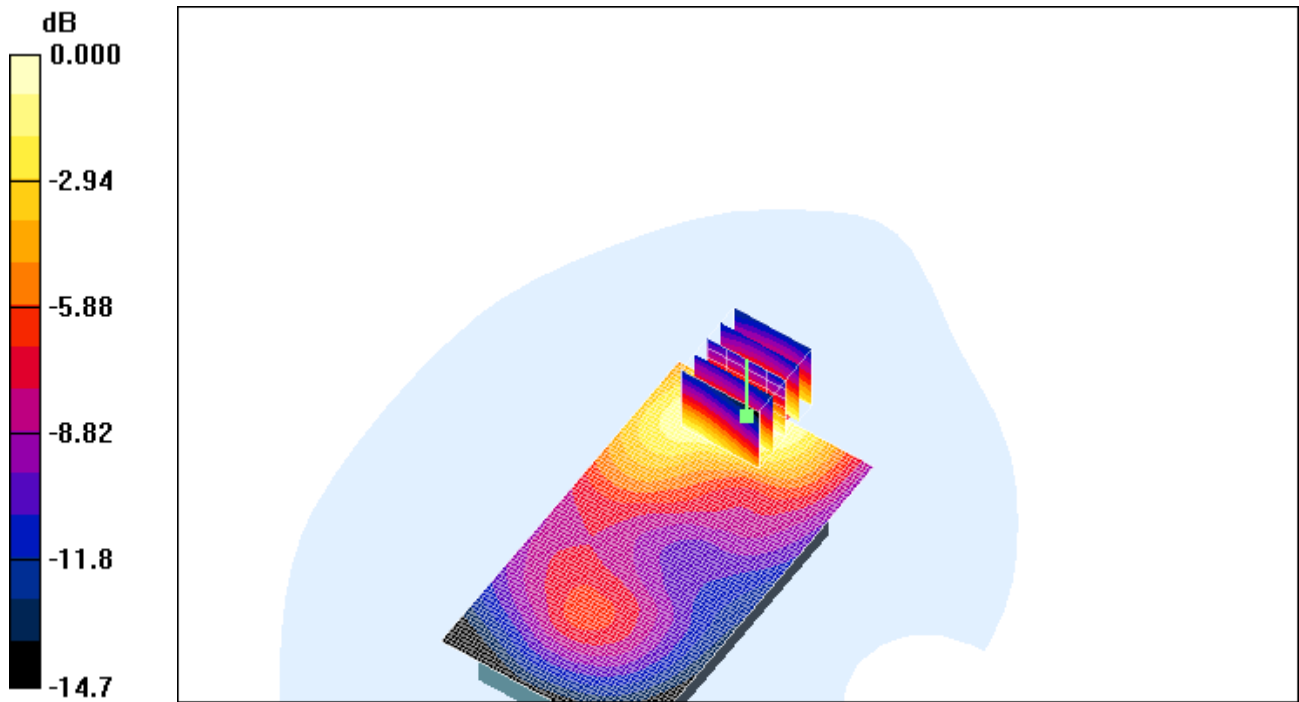Reference Value = 5.19 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.427 mW/g

0 dB = 0.427mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**56(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 12/08/2009 3:28:43 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_UMTS_band_II_high_chan_amb_temp_23.2C_liq_temp_21.9C.
da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.58 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
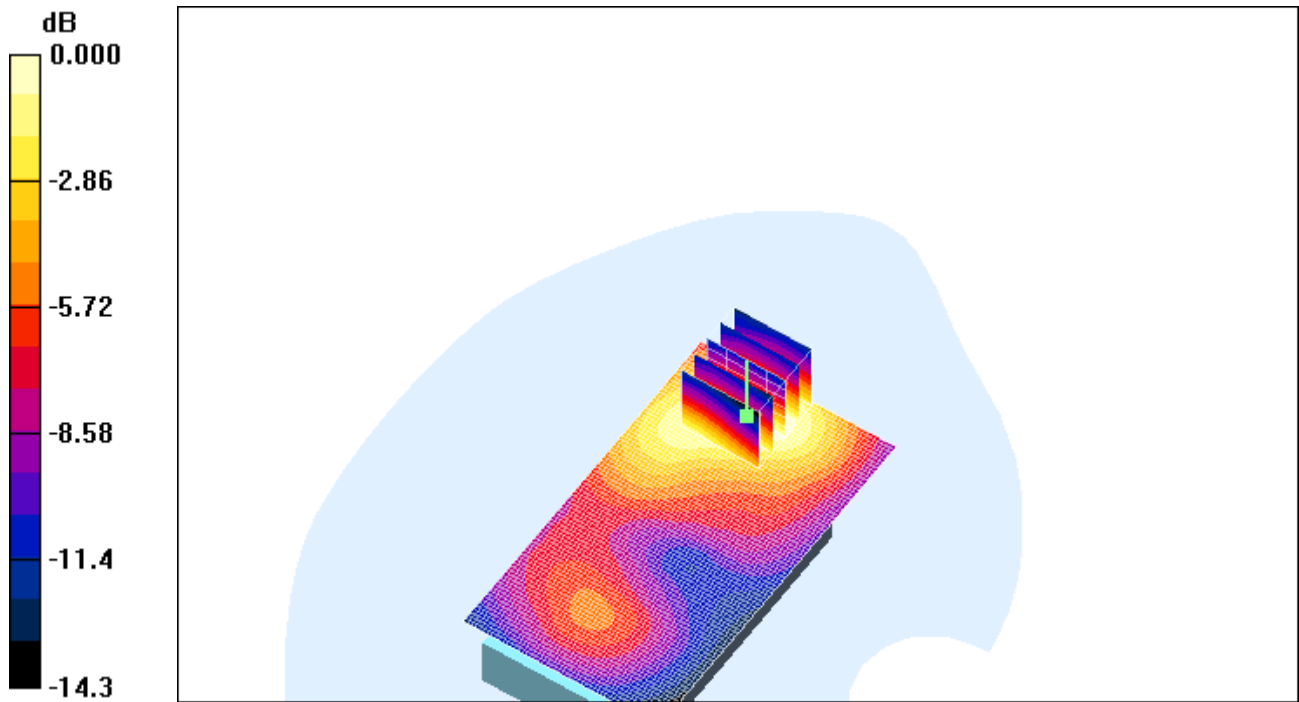Maximum value of SAR (interpolated) = 0.478 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.56 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.275 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.480 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**57(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.480mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**58(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 12/08/2009 3:51:03 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_UMTS_band_II_low_chan_amb_temp_23.2C_liq_temp_21.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.52 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.601 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
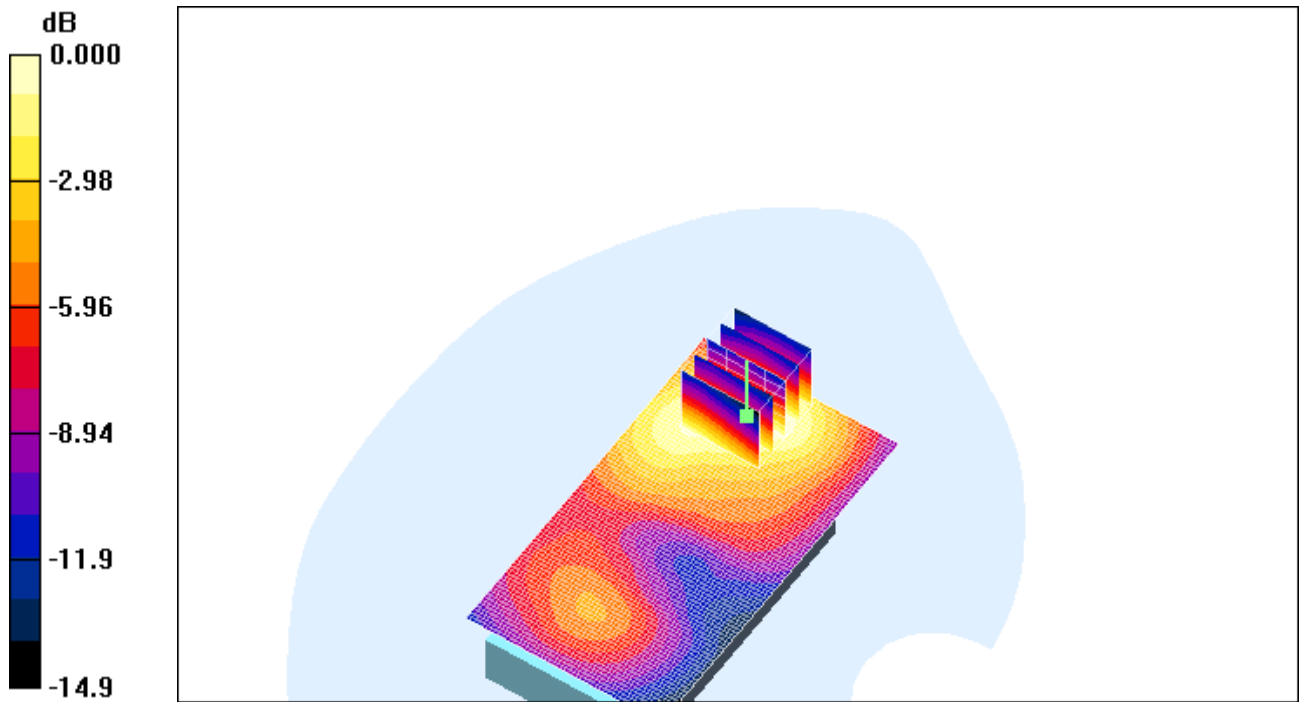Reference Value = 5.04 V/m; Power Drift = 0.226 dB
Peak SAR (extrapolated) = 0.774 W/kg
SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.349 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.601 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**59(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.601mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**60(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 12/08/2009 4:13:39 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_UMTS_band_II_low_chan_amb_temp_22.9C_liq_temp_21.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.52 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.418 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
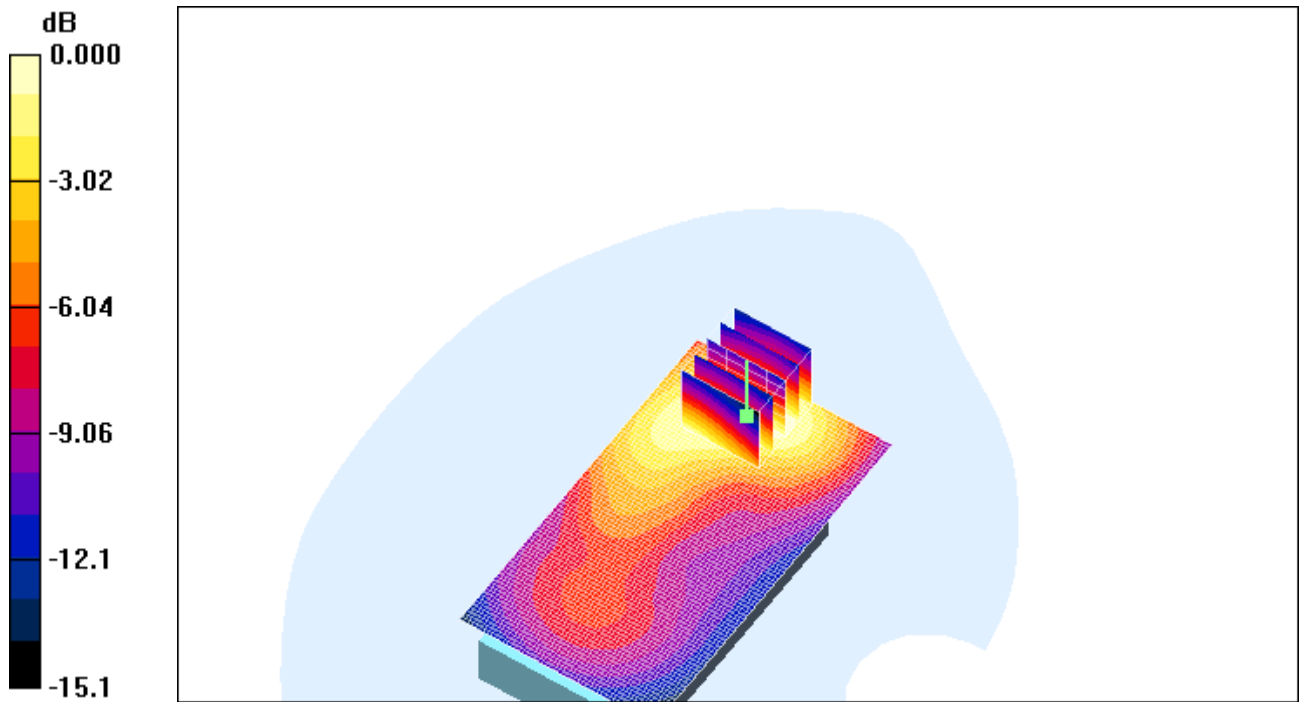Reference Value = 7.79 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 0.534 W/kg
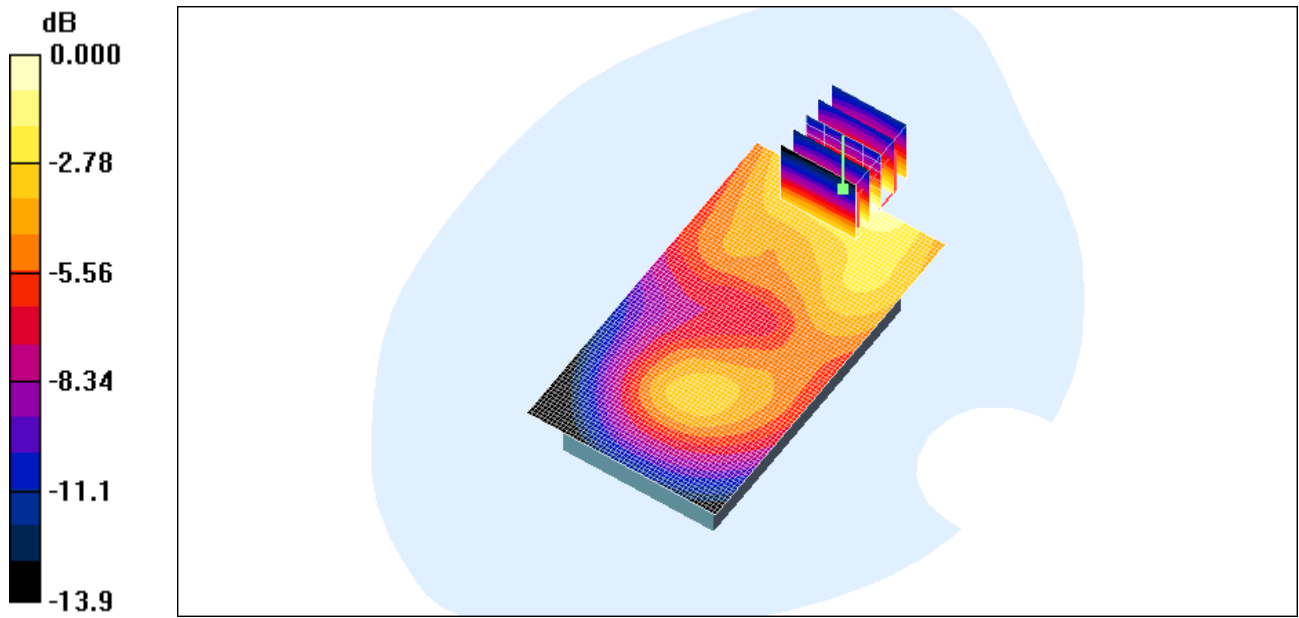**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.240 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.417 mW/g

0 dB = 0.417mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**62(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 12/08/2009 4:27:51 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_Headset1_UMTS_band_II_low_chan_amb_temp_23.1C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.52 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.689 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
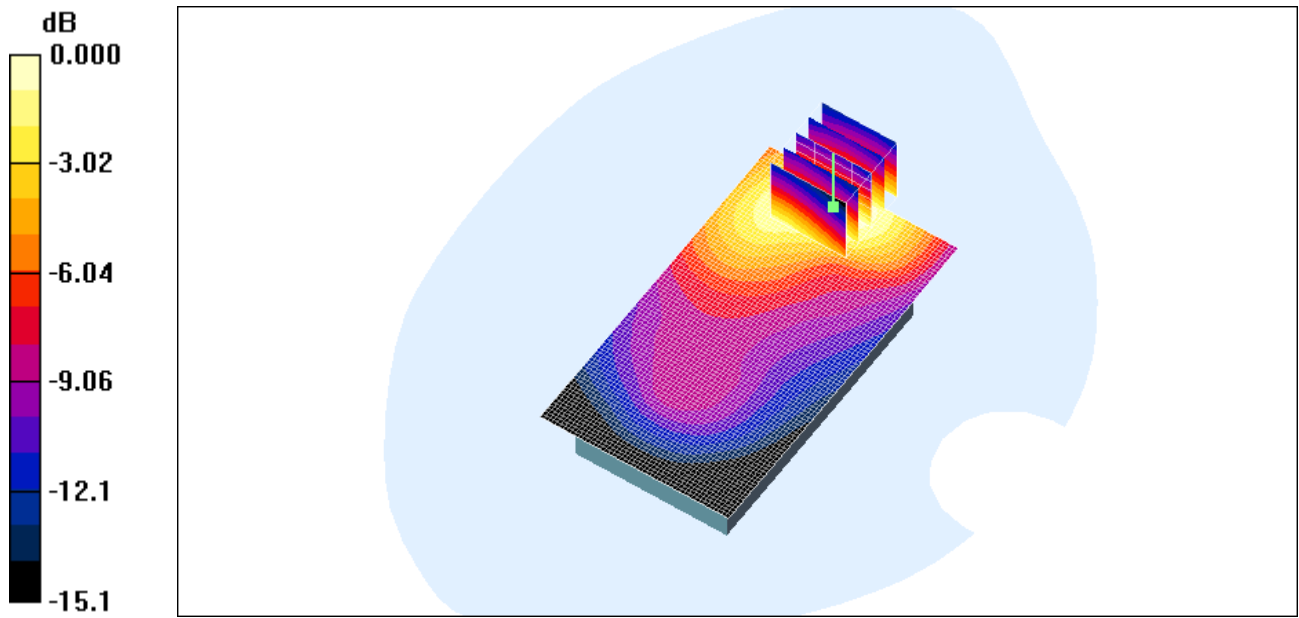Reference Value = 8.51 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.897 W/kg
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.395 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.687 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**63(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.687mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**64(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 12/08/2009 4:41:44 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_Headset2_UMTS_band_II_low_chan_amb_temp_23.2C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.52 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.696 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.07 V/m; Power Drift = 0.065 dB
Peak SAR (extrapolated) = 0.897 W/kg
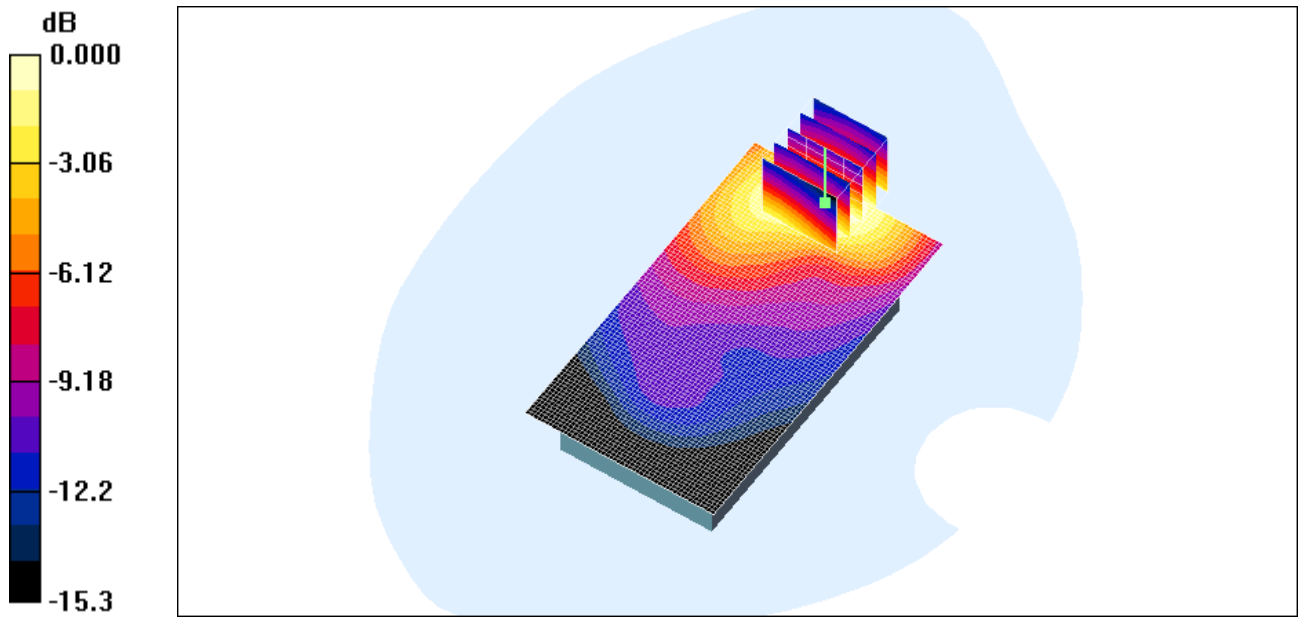**SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.395 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.687 mW/g

0 dB = 0.687mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**66(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 12/08/2009 4:56:08 PM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_UMTS_band_II_low_chan_amb_temp_23.1C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.52 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.445 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
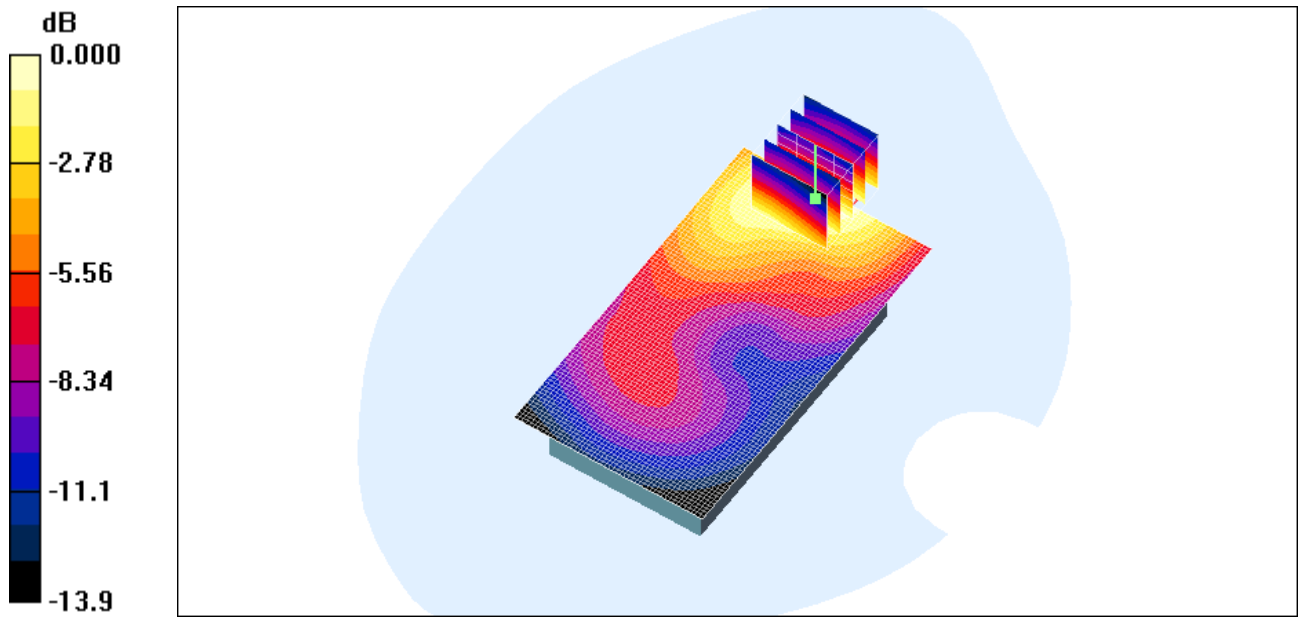Reference Value = 6.34 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.270 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.455 mW/g

Author Data **Andrew Becker**	Dates of Test **July 15-August 20, 2009**	Test Report No **RTS-1689-0908-30**	FCC ID: **L6ARCM70UW**

0 dB = 0.455mW/g

Date/Time: 20/08/2009 5:33:51 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_802.11b_high_chan_amb_temp_23.5C_liq_temp_22.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.96 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.02, 4.02, 4.02); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.087 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
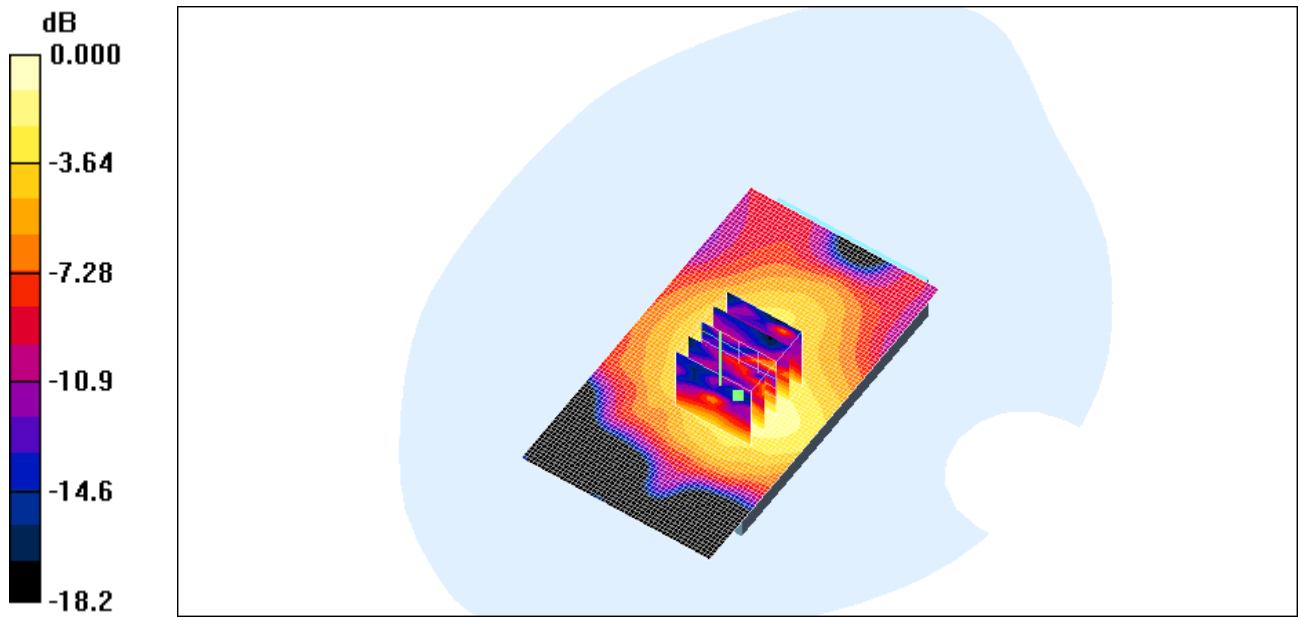Reference Value = 4.97 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.040 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.091 mW/g

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.091mW/g

	Document	Page
RIM Testing Services™	Appendix for the BlackBerry® Smartphone Model **RCM71UW SAR Report**	**70(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

Date/Time: 20/08/2009 5:50:38 PM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_802.11b_high_chan_amb_temp_23.5C_liq_temp_22.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 211A6F9F
Program Name: Compliance Testing: (Body worn)

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.96 mho/m; ε_r = 50.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.02, 4.02, 4.02); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.046 mW/g

Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.64 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 0.267 W/kg
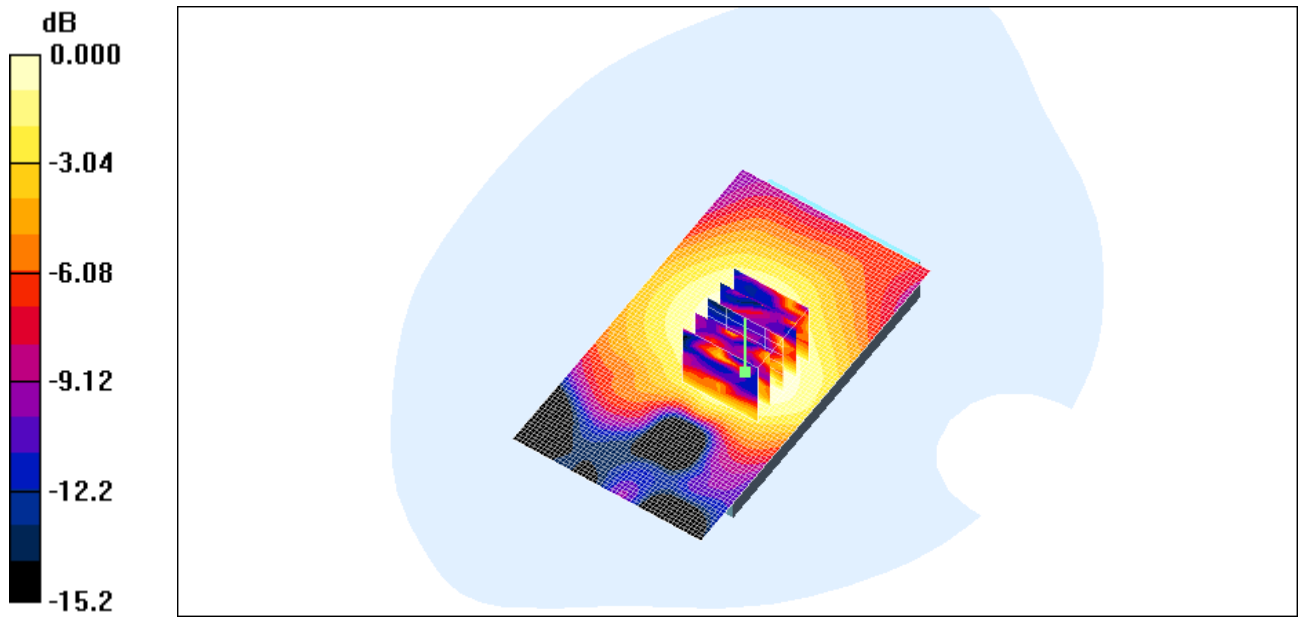**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.025 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.045 mW/g

	Document	Page
RIM Testing Services™	**Appendix for the BlackBerry® Smartphone Model RCM71UW SAR Report**	**71(72)**

Author Data	Dates of Test	Test Report No	FCC ID:
Andrew Becker	**July 15-August 20, 2009**	**RTS-1689-0908-30**	**L6ARCM70UW**

0 dB = 0.045mW/g

Author Data **Andrew Becker**	Dates of Test **July 15-August 20, 2009**	Test Report No **RTS-1689-0908-30**	FCC ID: **L6ARCM70UW**

Z axis plot for the worst case body configuration:

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