APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

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| **RIM Testing Services** | **Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report** | **2(63)** |

| Author Data | Dates of Test | Test Report No | FCC ID: |
| **Shahriar Ninad** | **Mar 06- Apr 22, 2008** | **RTS-0552-0804-11** | **L6ARBT70UW** |

Date/Time: 21/04/2008 11:49:20 AM

Test Laboratory: RTS
File Name:
RightHandSide_WCDMA_FDD_V_mid_chan_amb_temp_23.4_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.862 mho/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(6.28, 6.28, 6.28); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.530 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
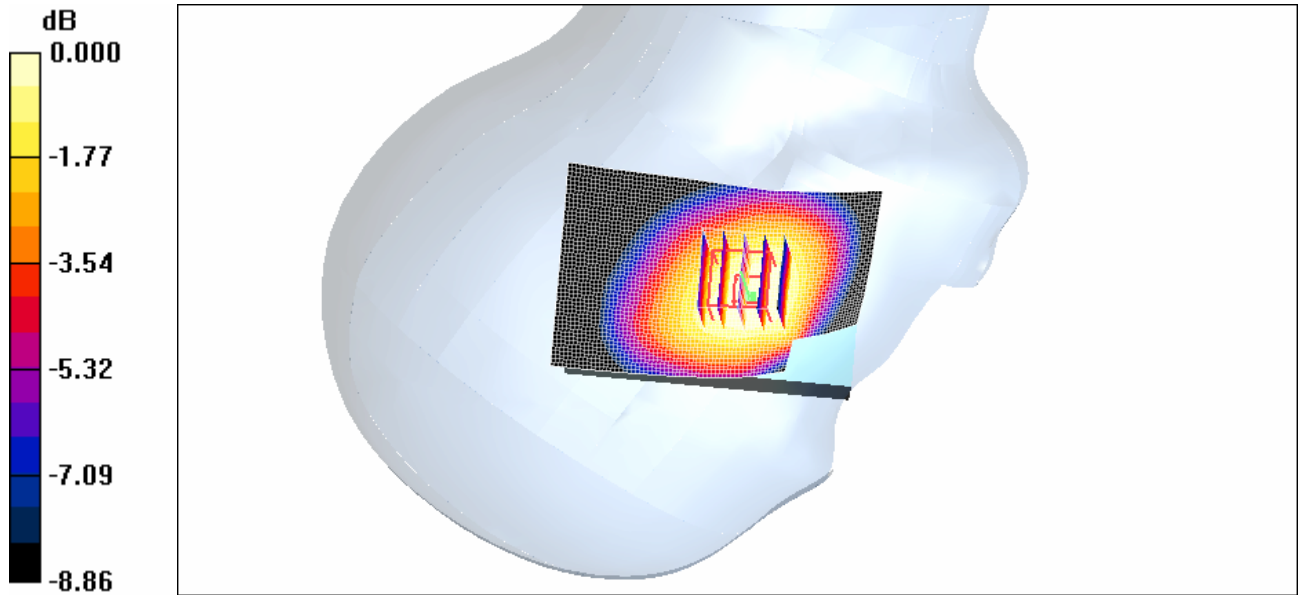Reference Value = 9.63 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.374 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.521 mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**3(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.521mW/g

Date/Time: 07/03/2008 11:32:33 AM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_WCDMA_FDDV_mid_chan_amb_temp_24.2_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.894$ mho/m; $\varepsilon_r = 39.5$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.189 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
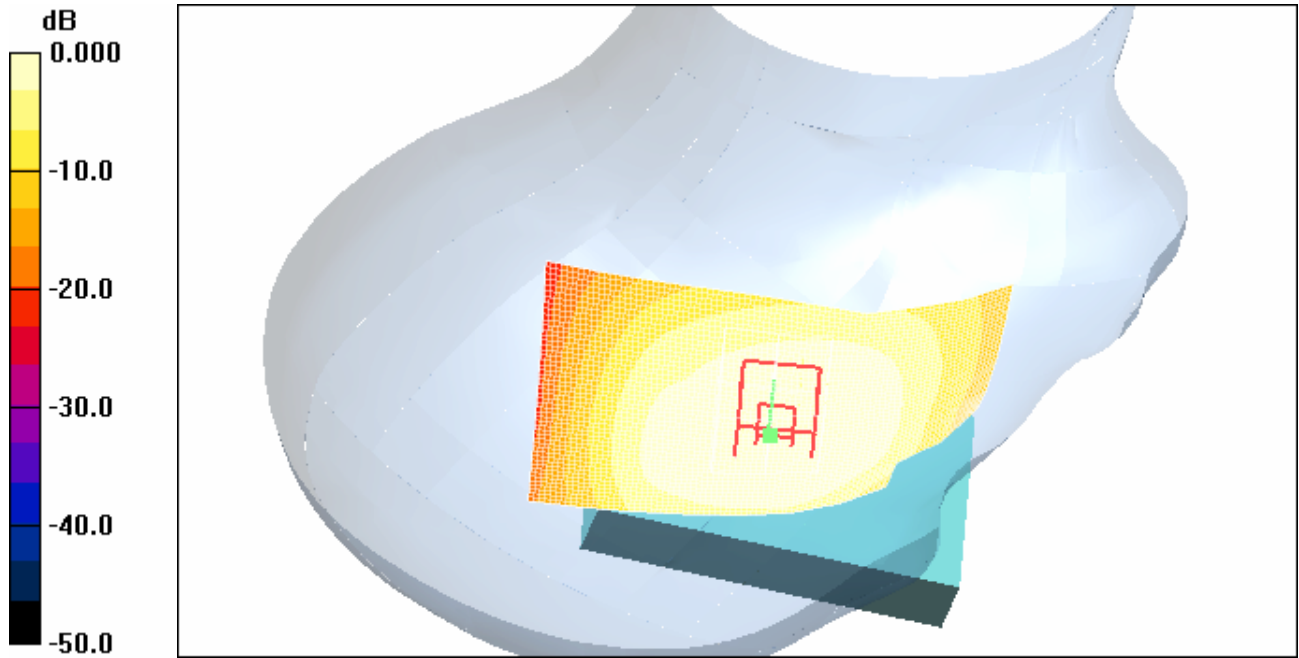Maximum value of SAR (measured) = 0.258 mW/g

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.258 mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**5(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.258mW/g

Date/Time: 21/04/2008 11:19:51 AM

Test Laboratory: RTS
File Name:
LeftHandSide_WCDMA_FDD_V_mid_chan_amb_temp_23.3_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.862 mho/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(6.28, 6.28, 6.28); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.605 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
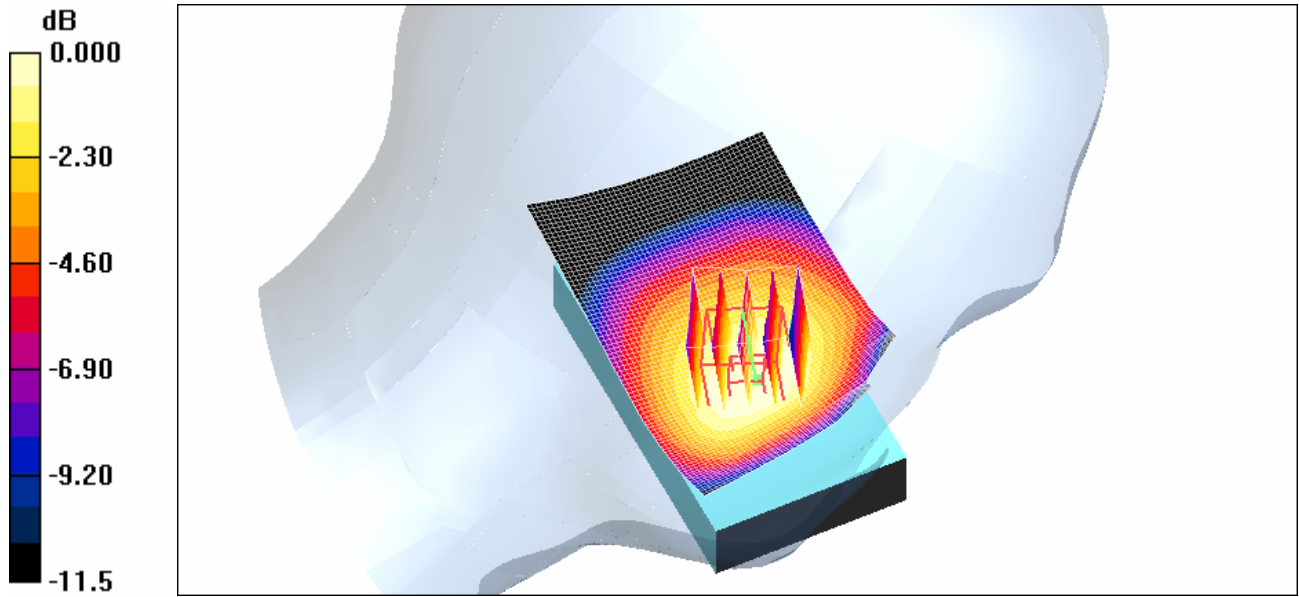Reference Value = 9.70 V/m; Power Drift = -0.233 dB
Peak SAR (extrapolated) = 0.696 W/kg
SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.420 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.594 mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.594mW/g

Date/Time: 07/03/2008 12:23:31 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_WCDMA_FDDV_mid_chan_amb_temp_23.2_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.894 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
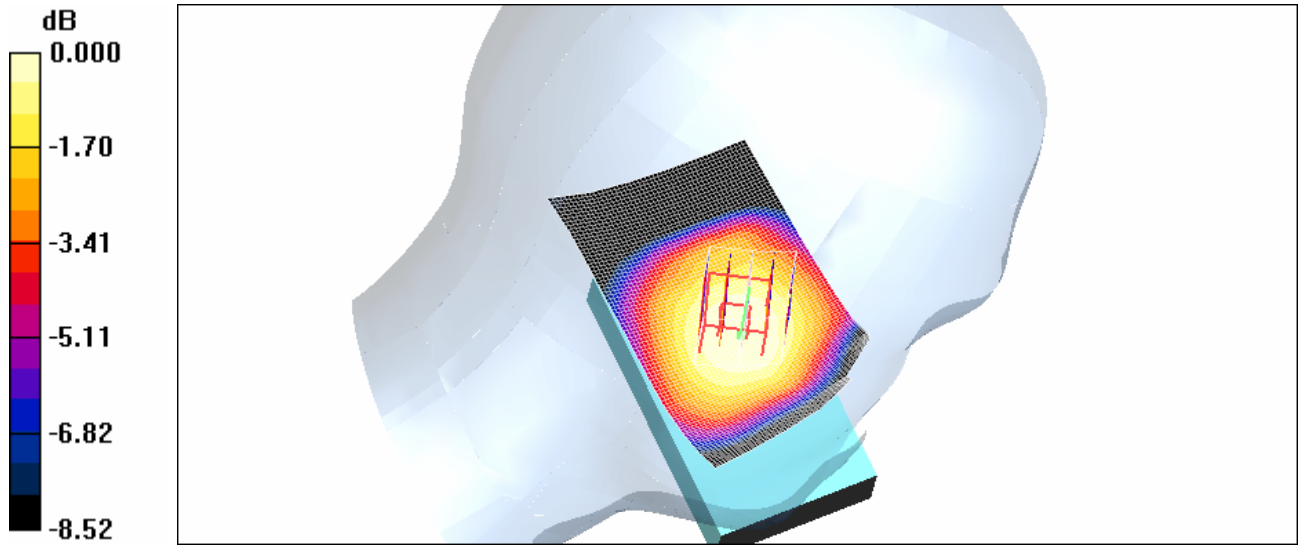Reference Value = 11.9 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.174 mW/g

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

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**9(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.236mW/g

Date/Time: 07/04/2008 10:44:19 PM

Test Laboratory: RTS
File Name:
RightHandSide_WCDMA_FDD_II_mid_chan_amb_temp_23.2_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDDII; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.65 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
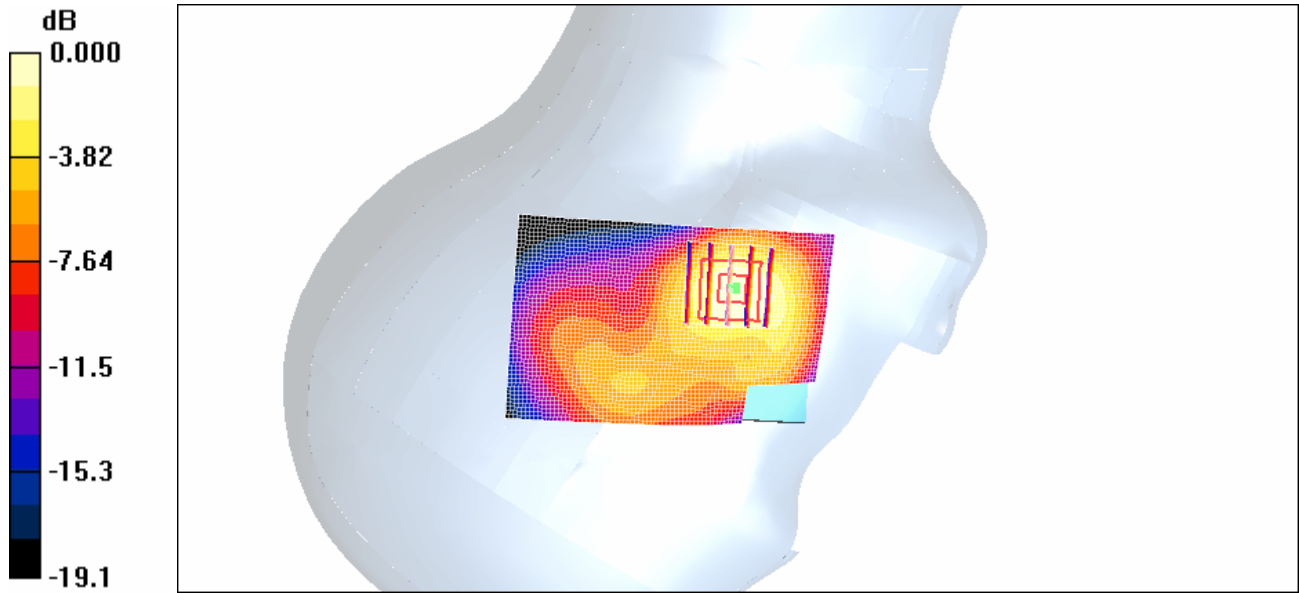Reference Value = 15.3 V/m; Power Drift = -0.303 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.837 mW/g
Maximum value of SAR (measured) = 1.53 mW/g

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| **RIM Testing Services** | **Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report** | **11(63)** |

| Author Data | Dates of Test | Test Report No | FCC ID: |
| **Shahriar Ninad** | **Mar 06- Apr 22, 2008** | **RTS-0552-0804-11** | **L6ARBT70UW** |

0 dB = 1.53mW/g

Date/Time: 07/04/2008 11:42:54 PM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_WCDMA_FDD_II_mid_chan_amb_temp_23.4_liq_temp_22.5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDDII; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 0.708 W/kg
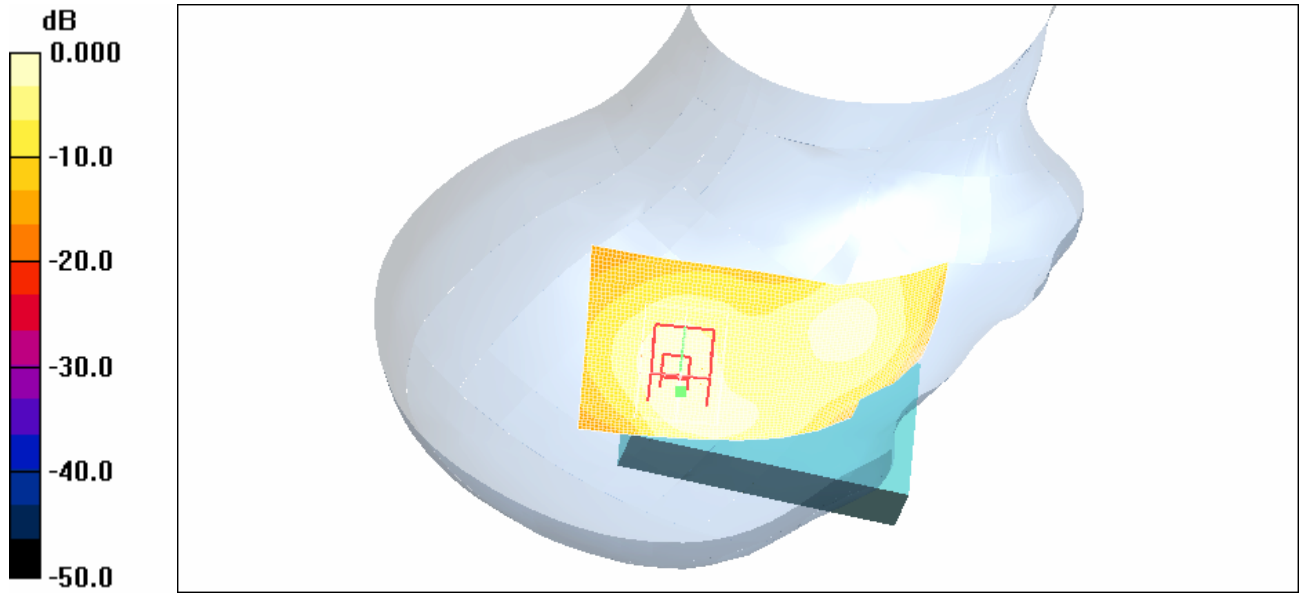**SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.274 mW/g**

Maximum value of SAR (measured) = 0.492 mW/g

Tilt position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm,
dy=15mm
Maximum value of SAR (interpolated) = 0.528 mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**13(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.528mW/g

Date/Time: 08/04/2008 12:22:32 AM

Test Laboratory: RTS
File Name:
LeftHandSide_WCDMA_FDD_II_mid_chan_amb_temp_23_5_liq_temp_22_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDDII; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\varepsilon_r = 39$; $\rho = 1000$ kg/m^3
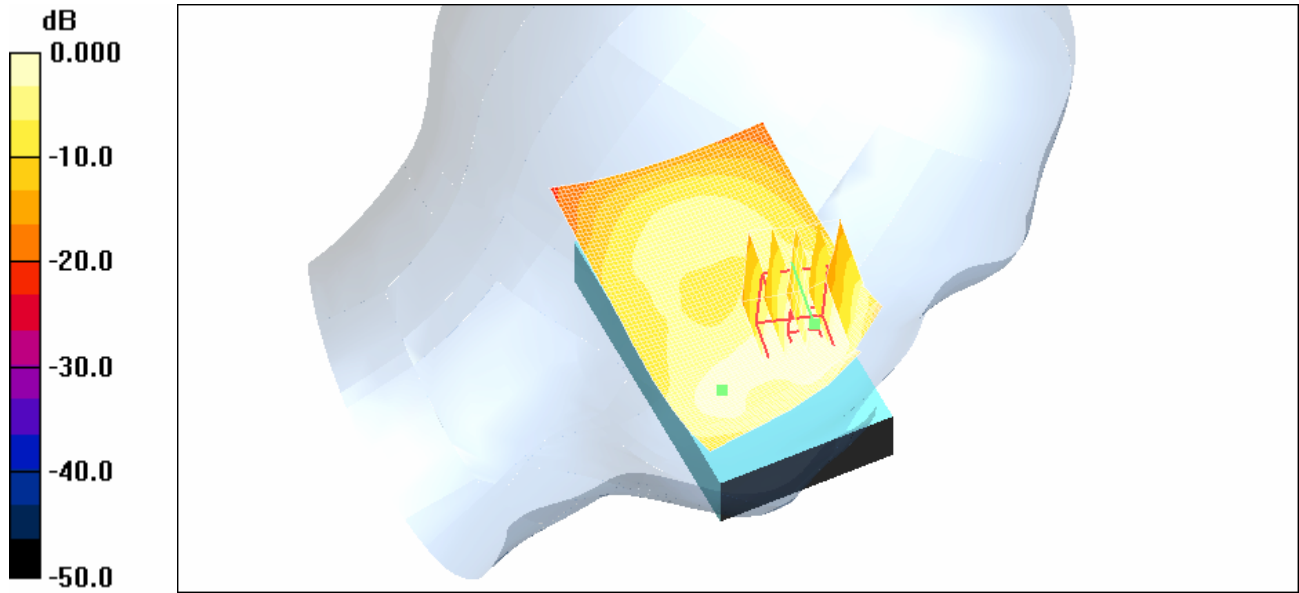Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.0 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.658 mW/g
Maximum value of SAR (measured) = 1.15 mW/g

Touch position - Mid_/Area Scan (51x81x1): Measurement grid: dx=15mm,
dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g

0 dB = 1.09mW/g

Date/Time: 08/04/2008 9:19:08 AM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_WCDMA_FDD_II_mid_chan_amb_temp_23_1_liq_temp_21_7C.da
4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDDII; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.574 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
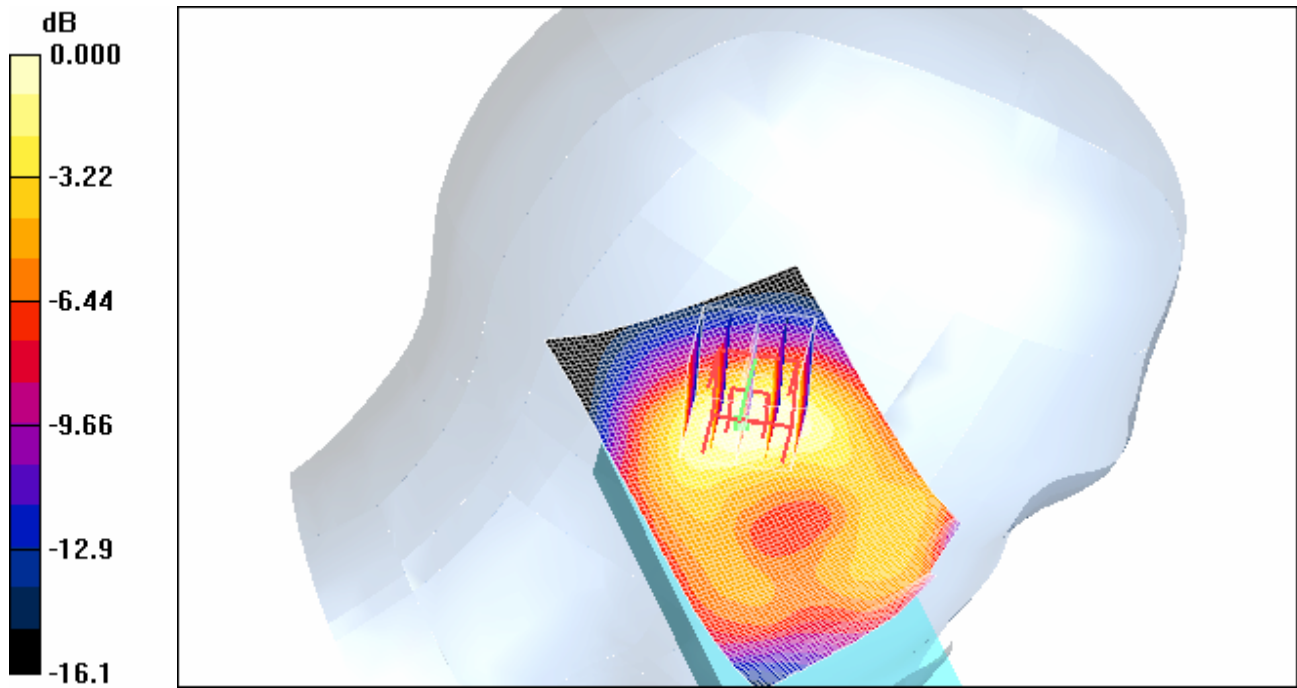Reference Value = 19.9 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.564 mW/g

0 dB = 0.564mW/g

Date/Time: 21/04/2008 1:59:13 PM

Test Laboratory: RTS
File Name: RightHandSide_EDGE850_mid_chan_amb_temp_23.4_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.863 mho/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(6.28, 6.28, 6.28); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.836 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
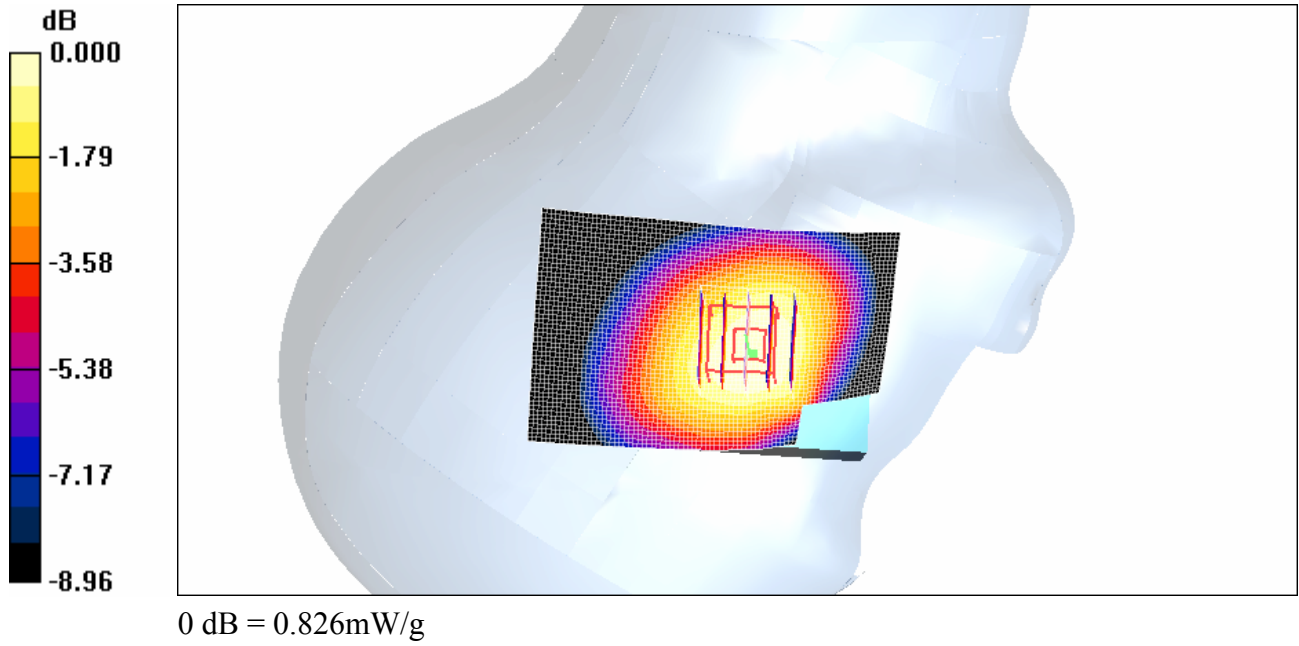Reference Value = 11.8 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.585 mW/g

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

0 dB = 0.826mW/g

Date/Time: 07/03/2008 9:56:52 AM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_EDGE850_mid_chan_amb_temp_23.2_liq_temp_22.4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.895$ mho/m; $\varepsilon_r = 39.5$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.0 V/m; Power Drift = -0.088 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.327 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
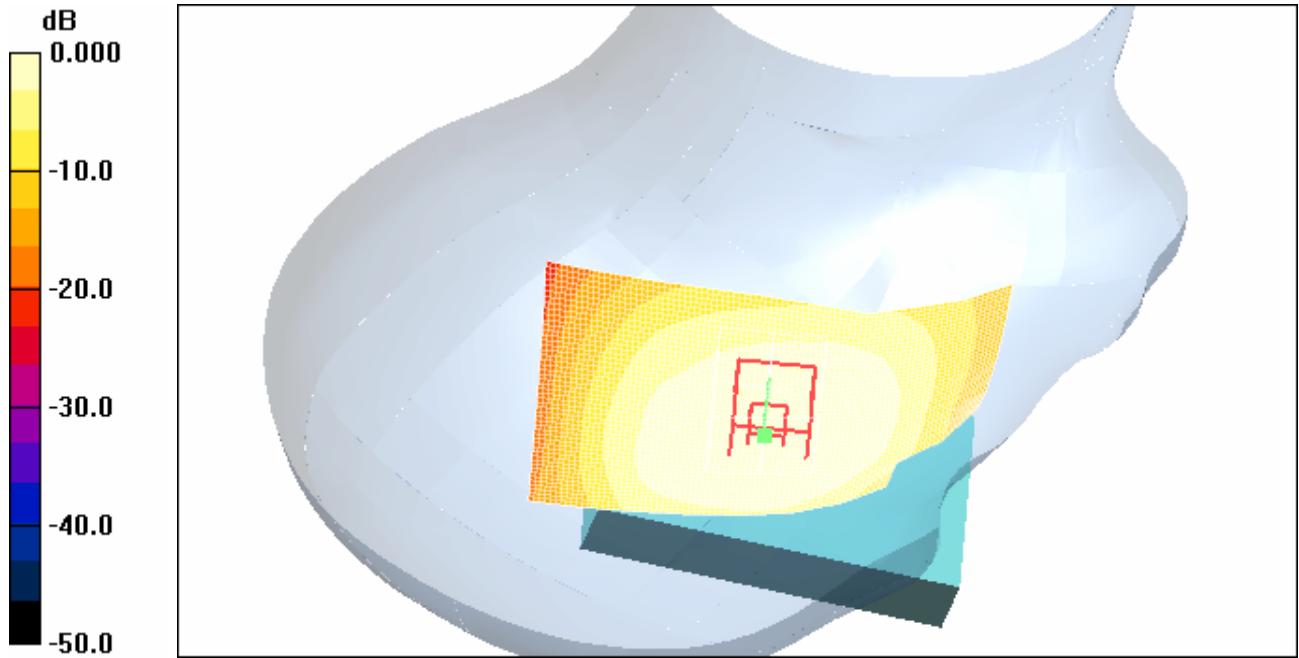Maximum value of SAR (measured) = 0.450 mW/g

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.447 mW/g

0 dB = 0.447mW/g

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| --- | --- | --- |
| Author Data
Shahriar Ninad | Dates of Test
Mar 06- Apr 22, 2008 | Test Report No
RTS-0552-0804-11 | FCC ID:
L6ARBT70UW |

Date/Time: 07/03/2008 10:12:05 AM

Test Laboratory: RTS
File Name: RightHandSide_GSM850_mid_chan_amb_temp_24.2_liq_temp_22.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 850; Frequency: 836.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.895 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.612 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
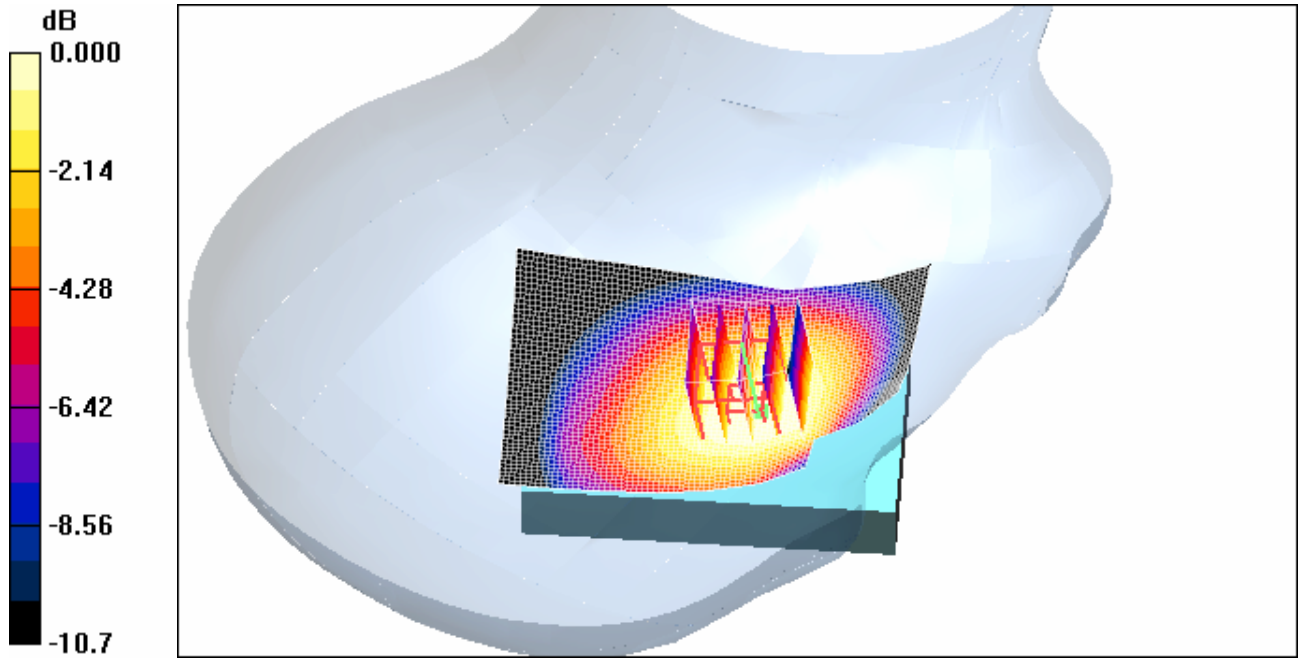Reference Value = 10.9 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.706 W/kg
SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.430 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.612 mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**23(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.612mW/g

Date/Time: 06/03/2008 4:08:15 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE850_low_chan_amb_temp_23.5_liq_temp_22.2.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.883 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.828 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
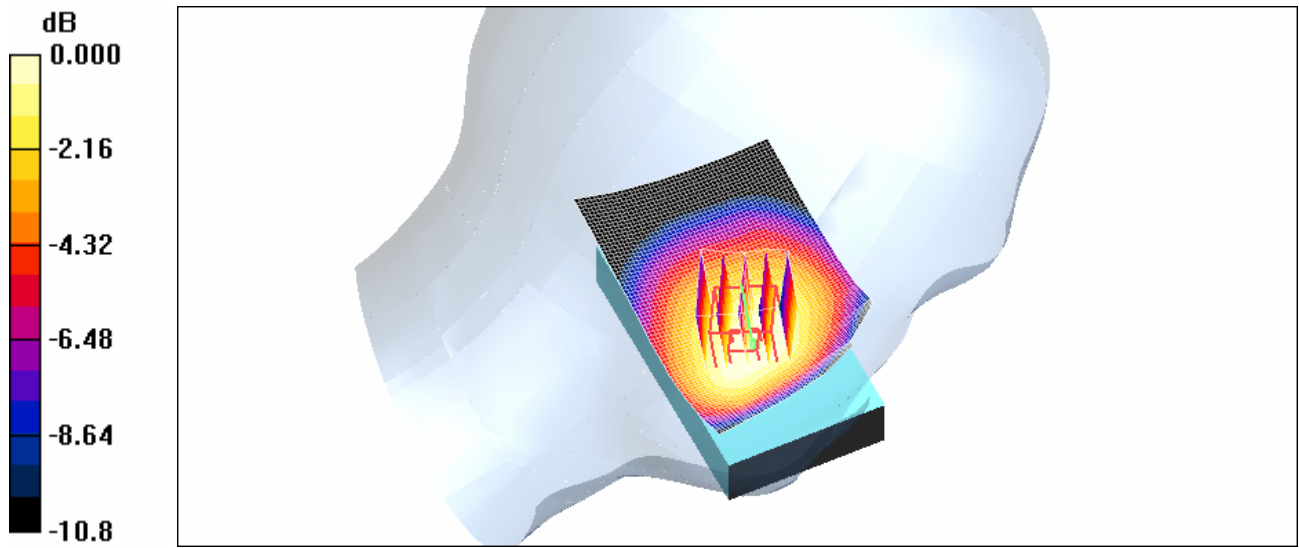Reference Value = 12.6 V/m; Power Drift = -0.260 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 0.836 mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**25(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.836mW/g

Date/Time: 06/03/2008 5:00:31 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_EDGE850_Mid_chan_amb_temp_23.9_liq_temp_22.6.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.895 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.446 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
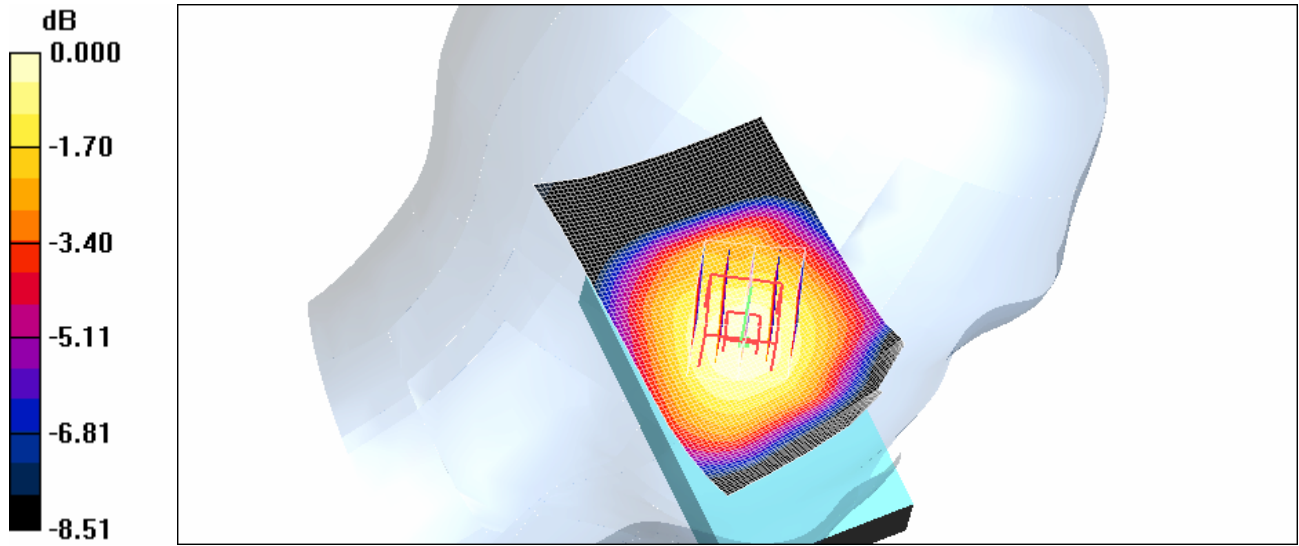Reference Value = 16.9 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.330 mW/g

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

0 dB = 0.459mW/g

Date/Time: 07/03/2008 9:04:06 AM

Test Laboratory: RTS
File Name: LeftHandSide_GSM850_mid_chan_amb_temp_23.8_liq_temp_22.5.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 850; Frequency: 836.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.895 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(6.41, 6.41, 6.41); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.589 mW/g

Touch position - Mid_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
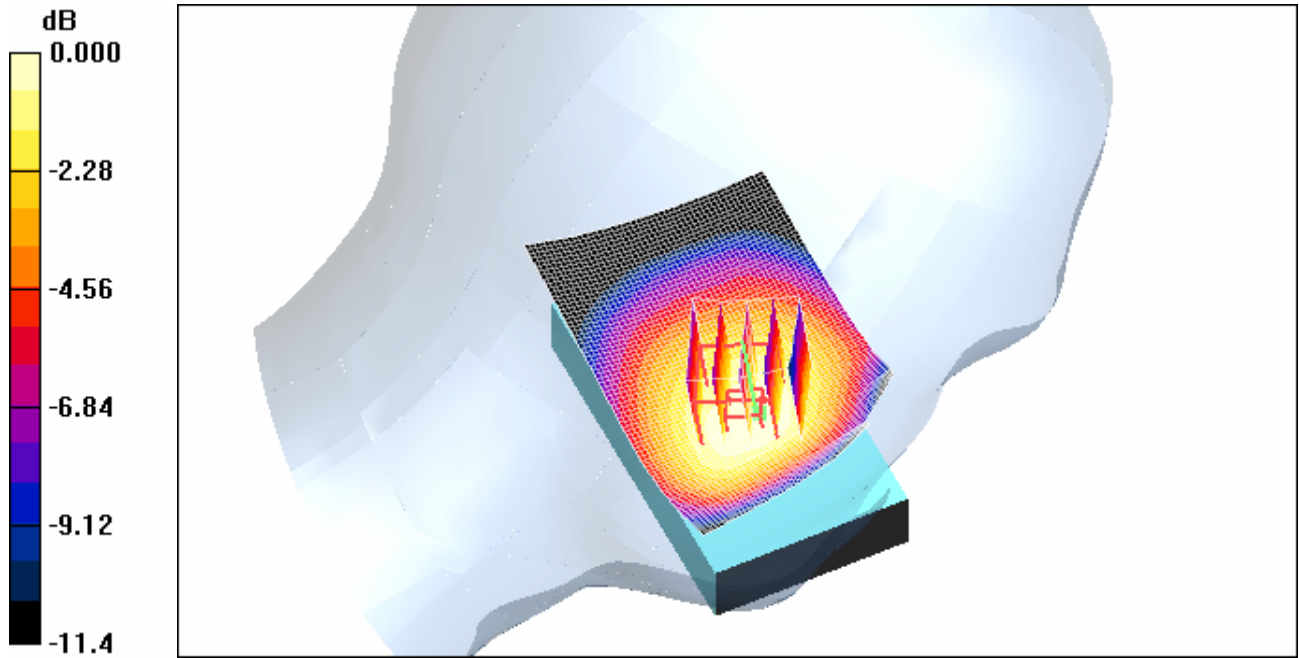Reference Value = 10.4 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.701 W/kg
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.410 mW/g

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

0 dB = 0.590mW/g

Date/Time: 16/04/2008 12:28:17 PM

Test Laboratory: RTS
File Name:
RightHandSide_EDGE1900_low_chan_amb_temp_23_8_liq_temp_22_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.42 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5.19, 5.19, 5.19); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.576 mW/g

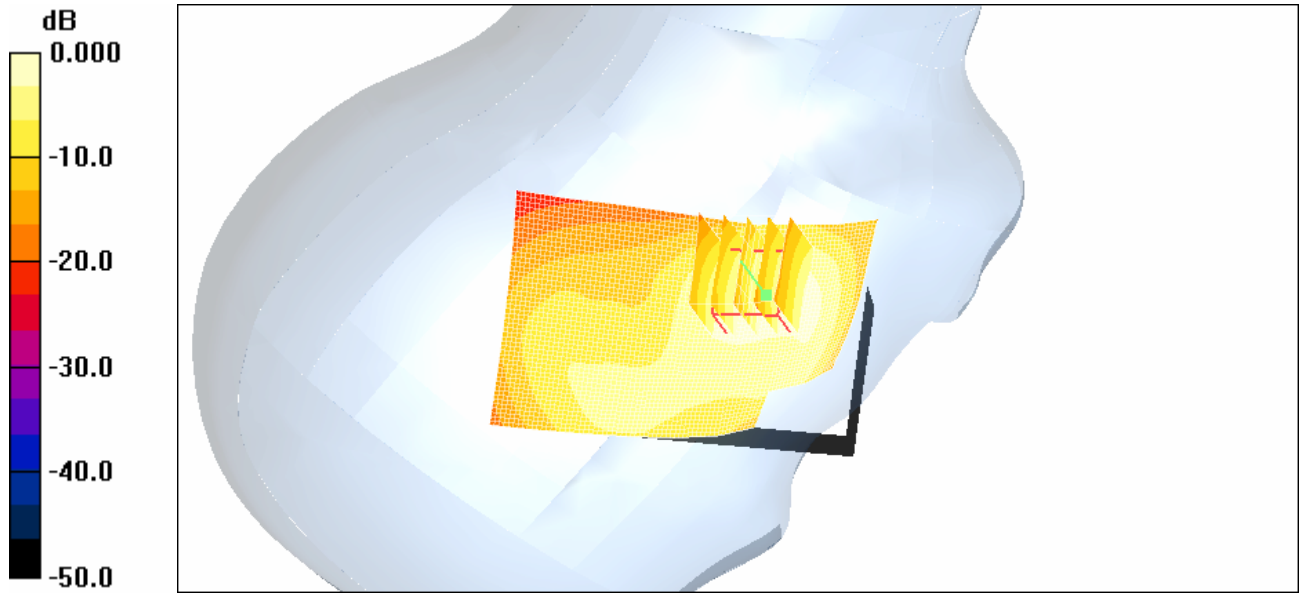Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 mW/g

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.05 mW/g

0 dB = 1.05mW/g

Date/Time: 16/04/2008 1:43:40 PM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_EDGE1900_low_chan_amb_temp_23_9_liq_temp_22_5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.42$ mho/m; $\varepsilon_r = 39.7$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5.19, 5.19, 5.19); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.316 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.8 V/m; Power Drift = -0.078 dB
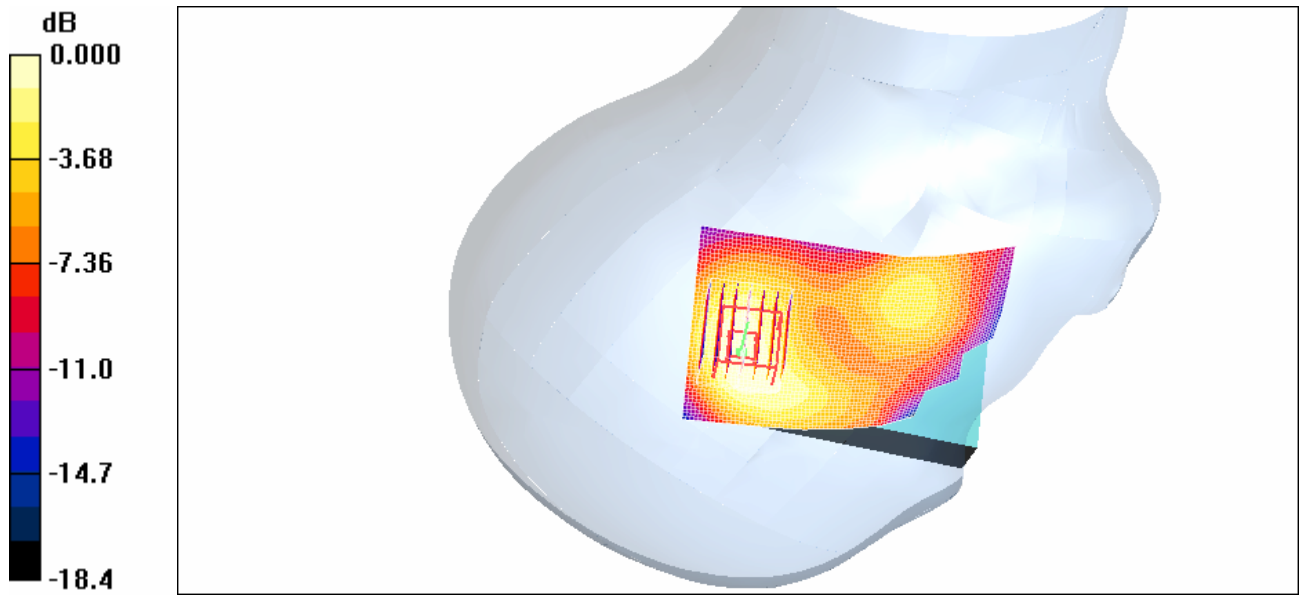Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.170 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.312 mW/g

0 dB = 0.312mW/g

Date/Time: 16/04/2008 1:16:51 PM

Test Laboratory: RTS
File Name:
RightHandSide_GSM1900_low_chan_amb_temp_23_8_liq_temp_22_3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.42$ mho/m; $\varepsilon_r = 39.7$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5.19, 5.19, 5.19); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
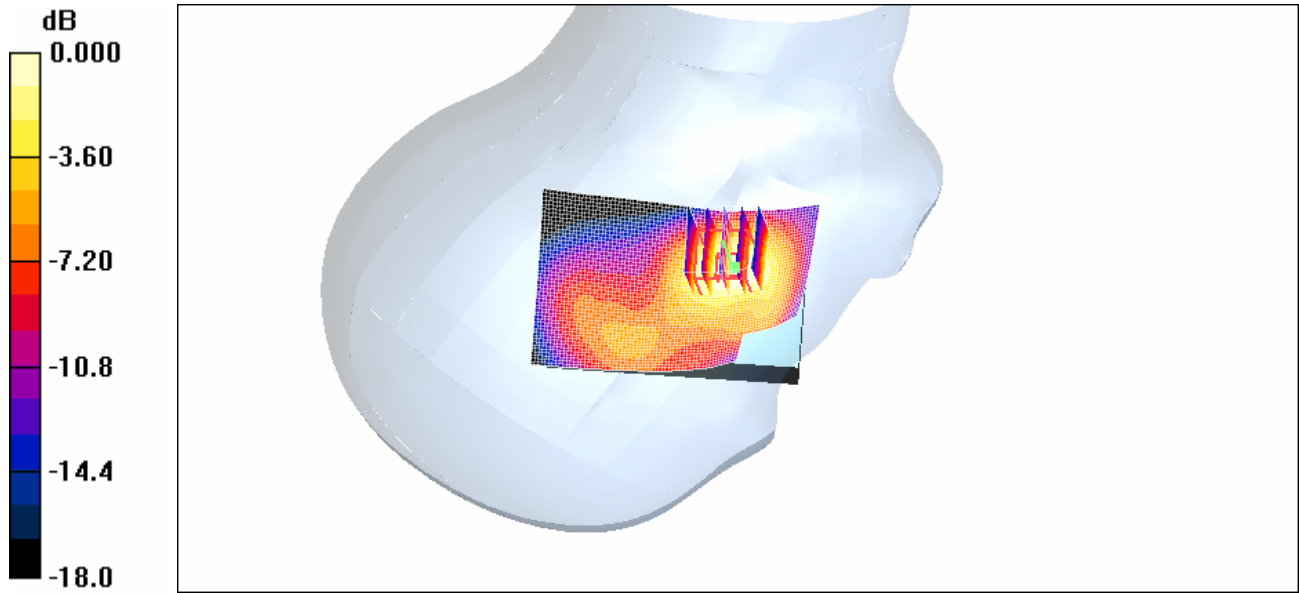Reference Value = 11.8 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.541 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.997 mW/g

0 dB = 0.997mW/g

Date/Time: 15/04/2008 5:15:31 PM

Test Laboratory: RTS
File Name:
LeftHandSide_EDGE1900_mid_chan_amb_temp_24_0_liq_temp_22_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5.19, 5.19, 5.19); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.763 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
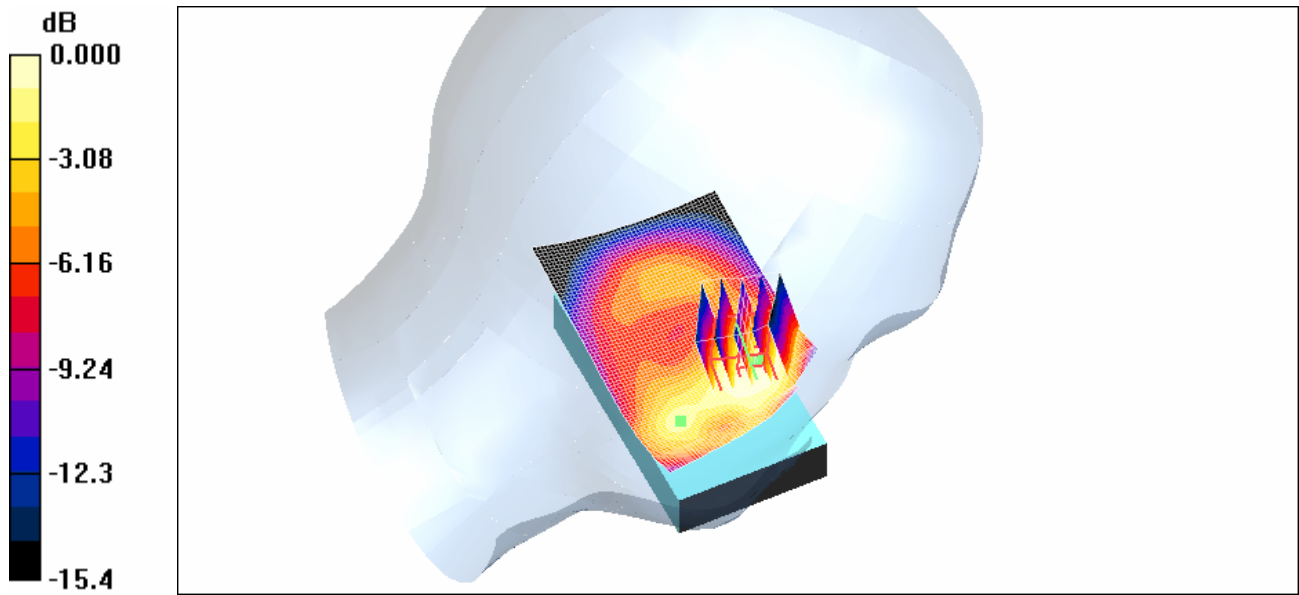Reference Value = 13.7 V/m; Power Drift = -0.302 dB
Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.413 mW/g
Maximum value of SAR (measured) = 0.716 mW/g

0 dB = 0.716mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

Date/Time: 07/04/2008 6:54:53 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_EDGE1900_mid_chan_amb_temp_23_6_liq_temp_22_6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\varepsilon_r = 39$; $\rho = 1000$ kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.24, 5.24, 5.24); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.277 mW/g

Tilt position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
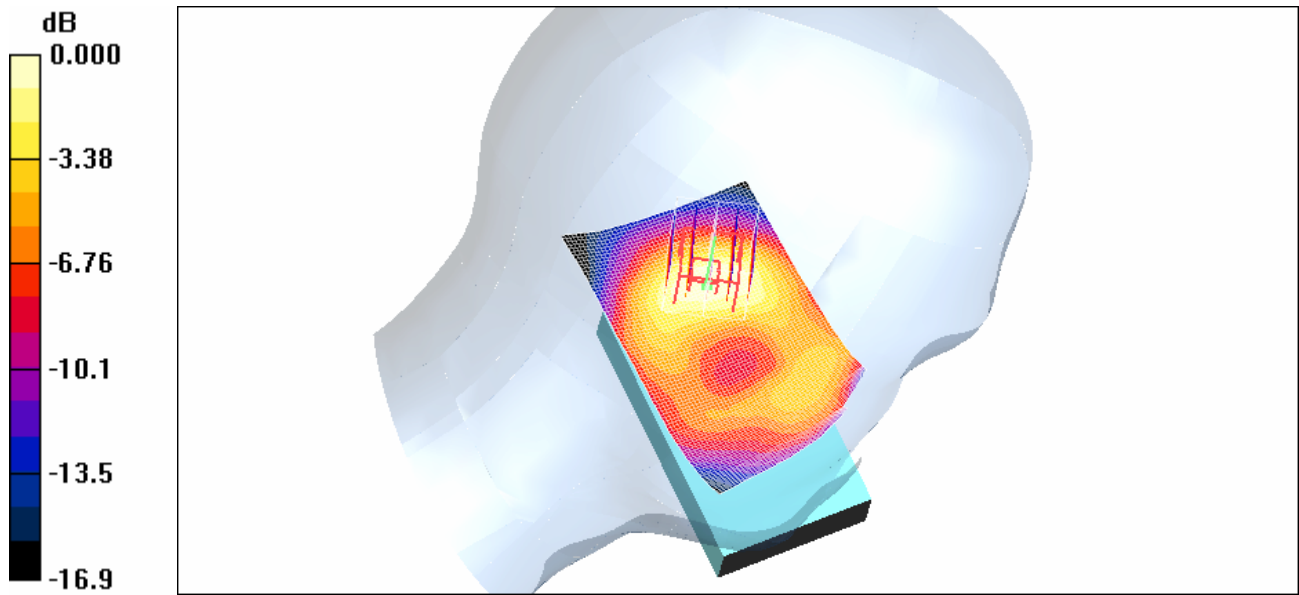Reference Value = 13.9 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.269 mW/g

0 dB = 0.269mW/g

Date/Time: 16/04/2008 9:22:06 AM

Test Laboratory: RTS
File Name: LeftHandSide_GSM1900_mid_chan_amb_temp_24_2_liq_temp_22_5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.44 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5.19, 5.19, 5.19); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.705 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
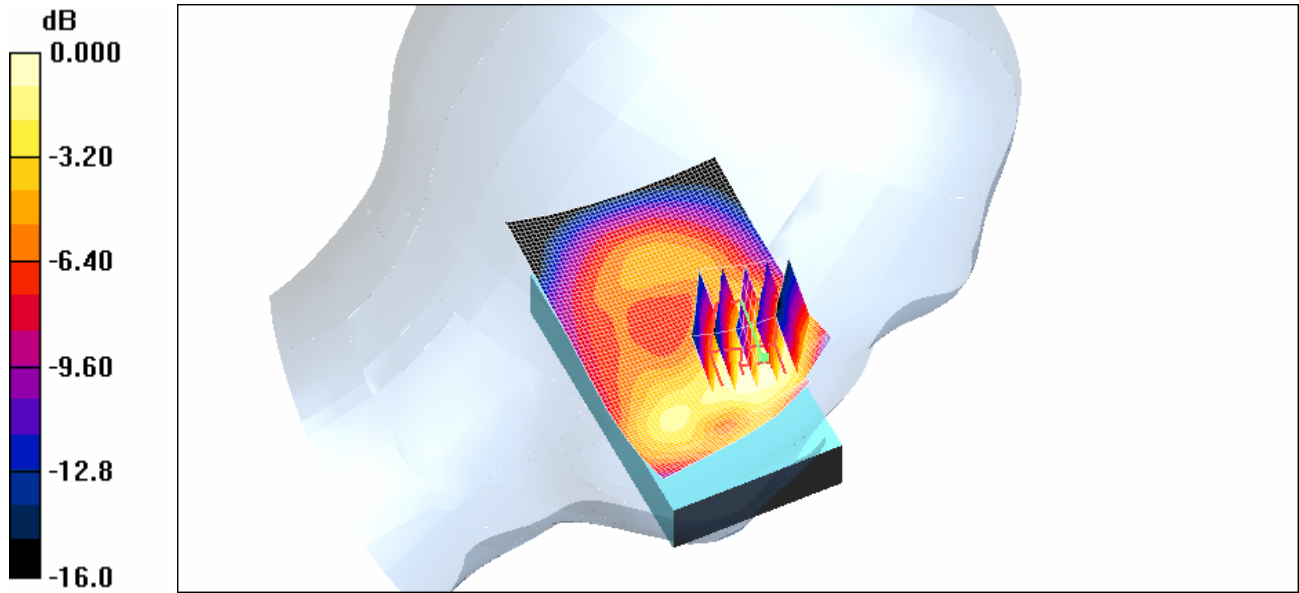Reference Value = 12.9 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.686 mW/g

0 dB = 0.686mW/g

Date/Time: 25/03/2008 10:44:25 PM

Test Laboratory: RTS
File Name: RightHandSide_Bluetooth_amb_temp_24.3_liq_temp_23.3.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.86 mho/m; ε_r = 37.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Middle/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.009 mW/g

Touch position - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.75 V/m; Power Drift = 1.33 dB
Peak SAR (extrapolated) = 0.020 W/kg
SAR(1 g) = 0.00725 mW/g; SAR(10 g) = 0.00631 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.009 mW/g

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| Author Data | Dates of Test | Test Report No | FCC ID: |
| **Shahriar Ninad** | **Mar 06- Apr 22, 2008** | **RTS-0552-0804-11** | **L6ARBT70UW** |

0 dB = 0.009mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

Date/Time: 25/03/2008 10:07:19 PM

Test Laboratory: RTS
File Name: LeftHandSide_Bluetooth_amb_temp_24.1_liq_temp_23.2.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
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 = 1.86 mho/m; ε_r = 37.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Middle/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.014 mW/g

Touch position - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
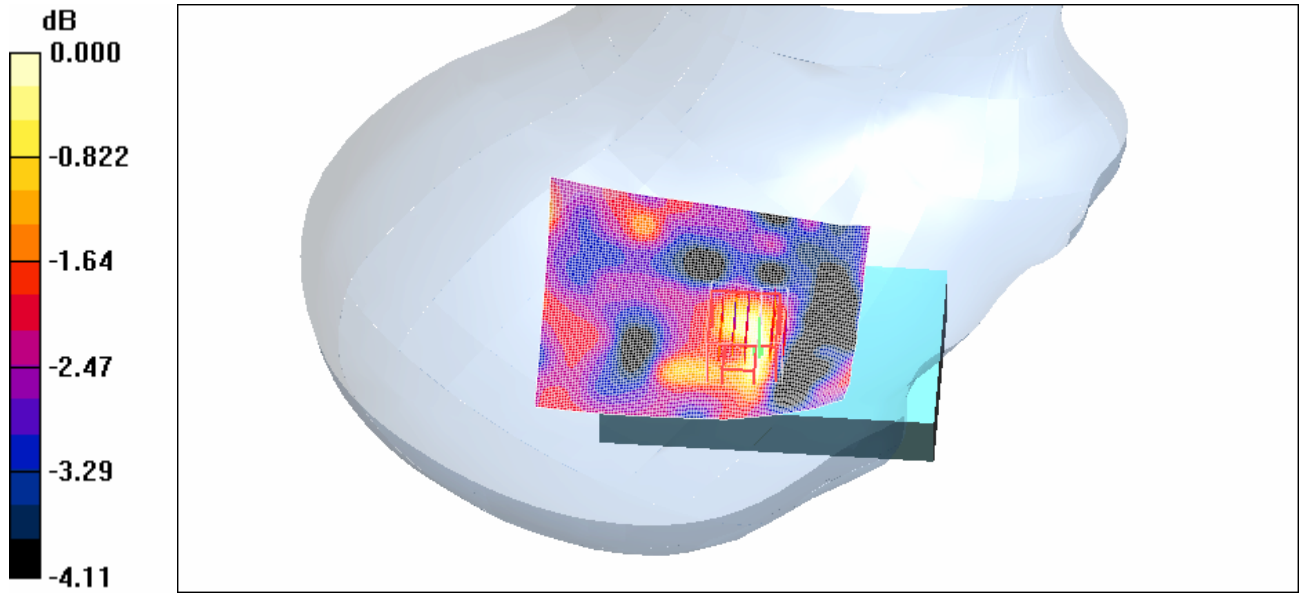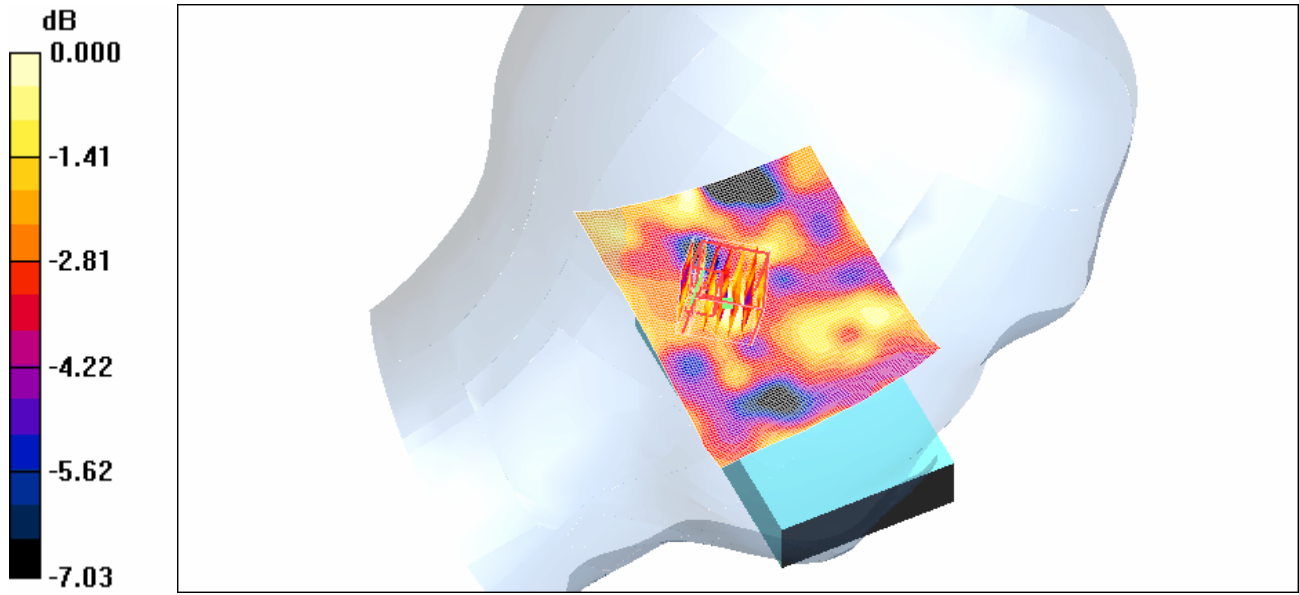Reference Value = 1.90 V/m; Power Drift = 1.14 dB
Peak SAR (extrapolated) = 0.017 W/kg
SAR(1 g) = 0.00908 mW/g; SAR(10 g) = 0.00774 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.014 mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**45(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.014mW/g

Date/Time: 11/03/2008 11:14:54 PM

Test Laboratory: RTS
File Name: RightHandSide_802.11b_high_chan_amb_temp_24.2_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.96 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.181 mW/g

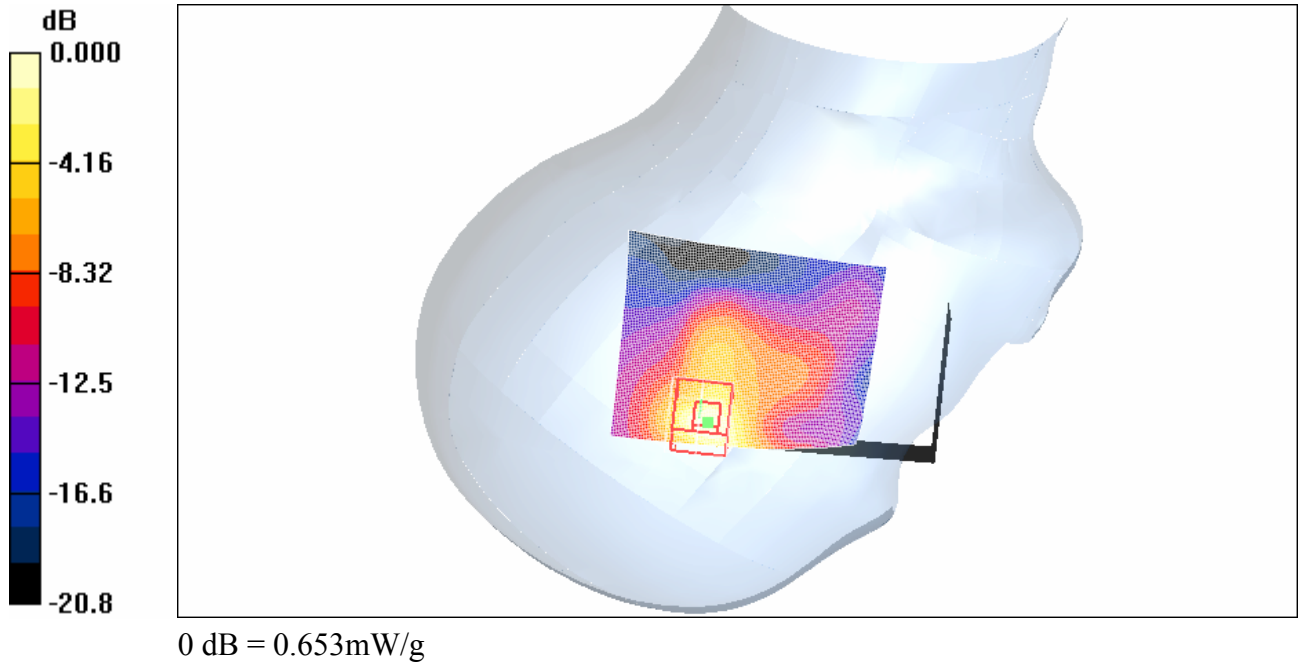Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.655 mW/g

Touch position - High_/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.653 mW/g

0 dB = 0.653mW/g

| RTS

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| Author Data
Shahriar Ninad | Dates of Test
Mar 06- Apr 22, 2008 | Test Report No
RTS-0552-0804-11 | FCC ID:
L6ARBT70UW |

Date/Time: 11/03/2008 11:39:58 PM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_802.11b_high_chan_amb_temp_24.3_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.328 mW/g

Tilt position - High/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=2.5mm
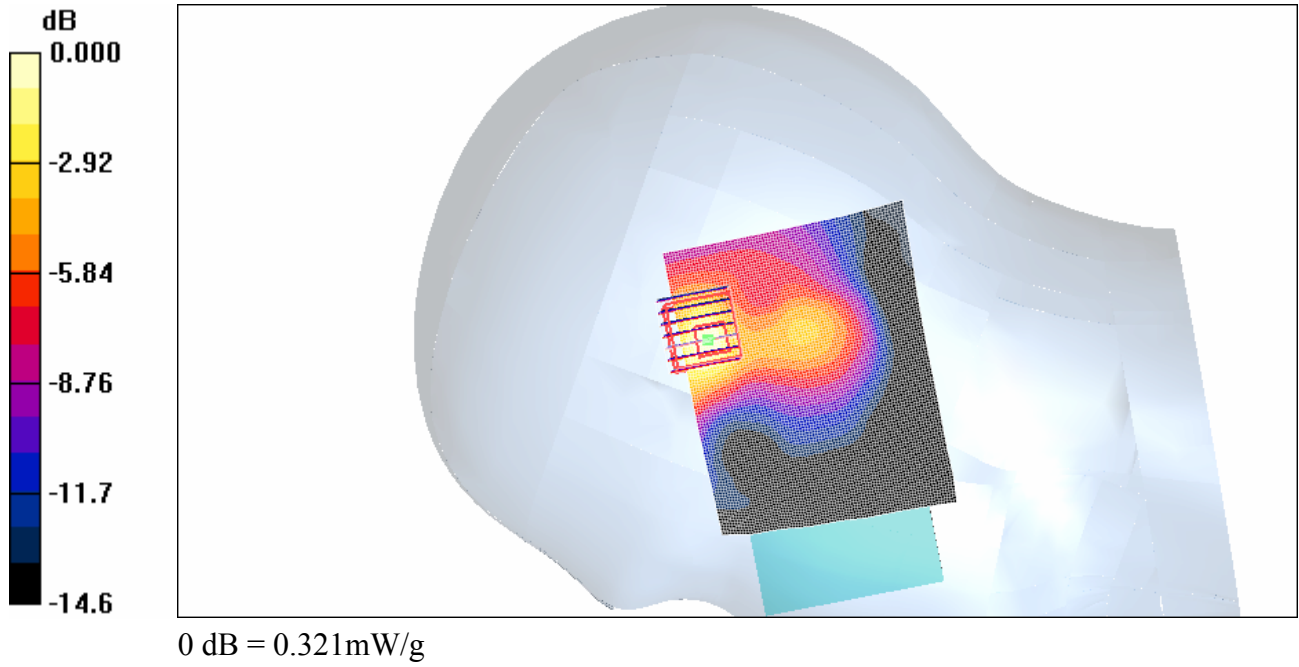Reference Value = 7.35 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.440 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.090 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.321 mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.321mW/g

Date/Time: 11/03/2008 8:38:22 PM

Test Laboratory: RTS
File Name: LeftHandSide_802_11b_high_chan_amb_temp_24.5_liq_temp_23.4.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
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 = 2 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 13.6 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.136 mW/g

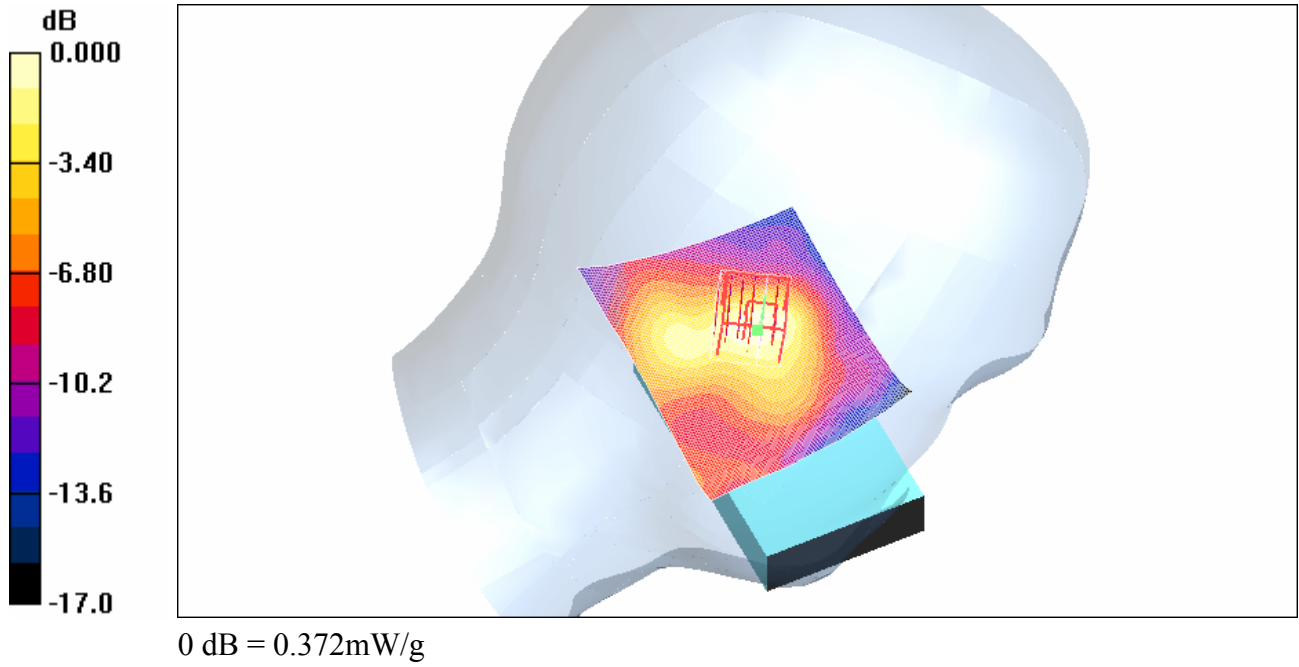Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.360 mW/g

Touch position - High_/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

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

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| **RIM Testing Services** | **Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report** | **51(63)** |

| Author Data | Dates of Test | Test Report No | FCC ID: |
| **Shahriar Ninad** | **Mar 06- Apr 22, 2008** | **RTS-0552-0804-11** | **L6ARBT70UW** |

0 dB = 0.372mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**52(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

Date/Time: 11/03/2008 9:54:04 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_802.11b_high_chan_amb_temp_24.1_liq_temp_23_2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.65, 6.65, 6.65); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 6.83 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.065 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
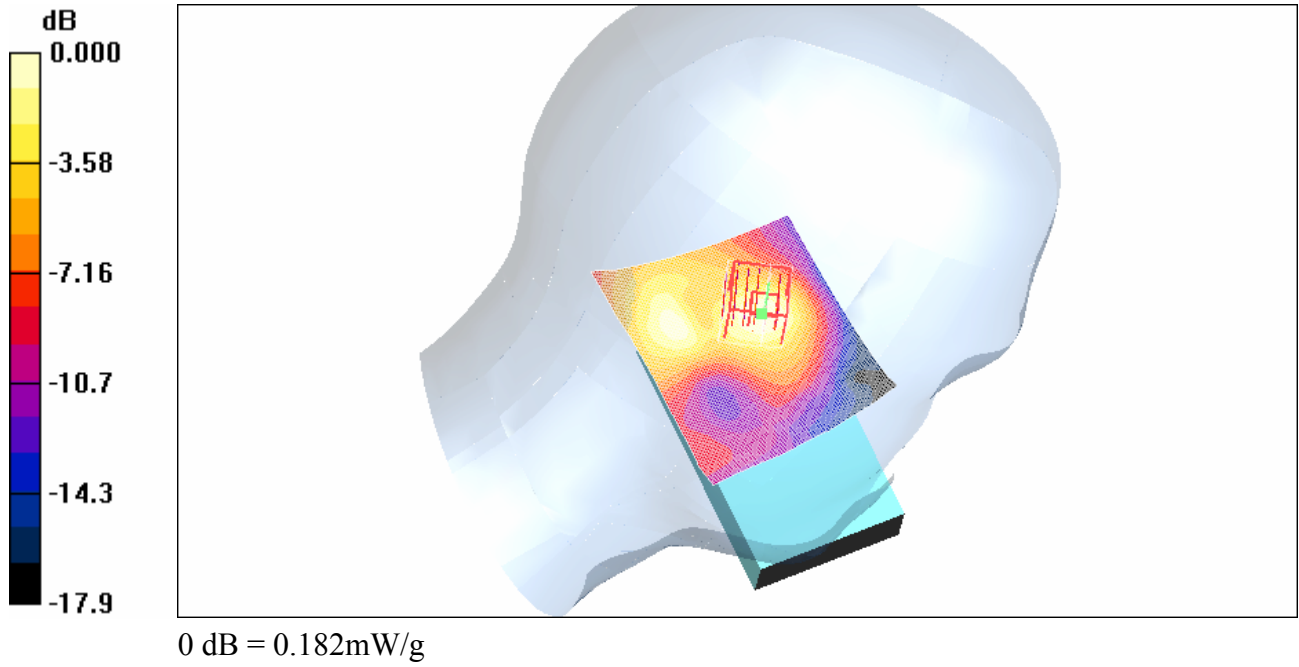
Maximum value of SAR (measured) = 0.187 mW/g

Tilt position - High/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.182 mW/g

0 dB = 0.182mW/g

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RTS **RIM Testing Services**	Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report	**54(63)**

Author Data **Shahriar Ninad**	Dates of Test **Mar 06- Apr 22, 2008**	Test Report No **RTS-0552-0804-11**	FCC ID: **L6ARBT70UW**

Date/Time: 17/03/2008 6:36:38 PM

Test Laboratory: RTS
File Name: LeftHandSide_802_11a_5180_MHz_amb_temp_24.1_liq_temp_22.8.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: 802.11 a (5500); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 4.76 mho/m; ε_r = 34.9; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.77, 4.77, 4.77); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.155 mW/g

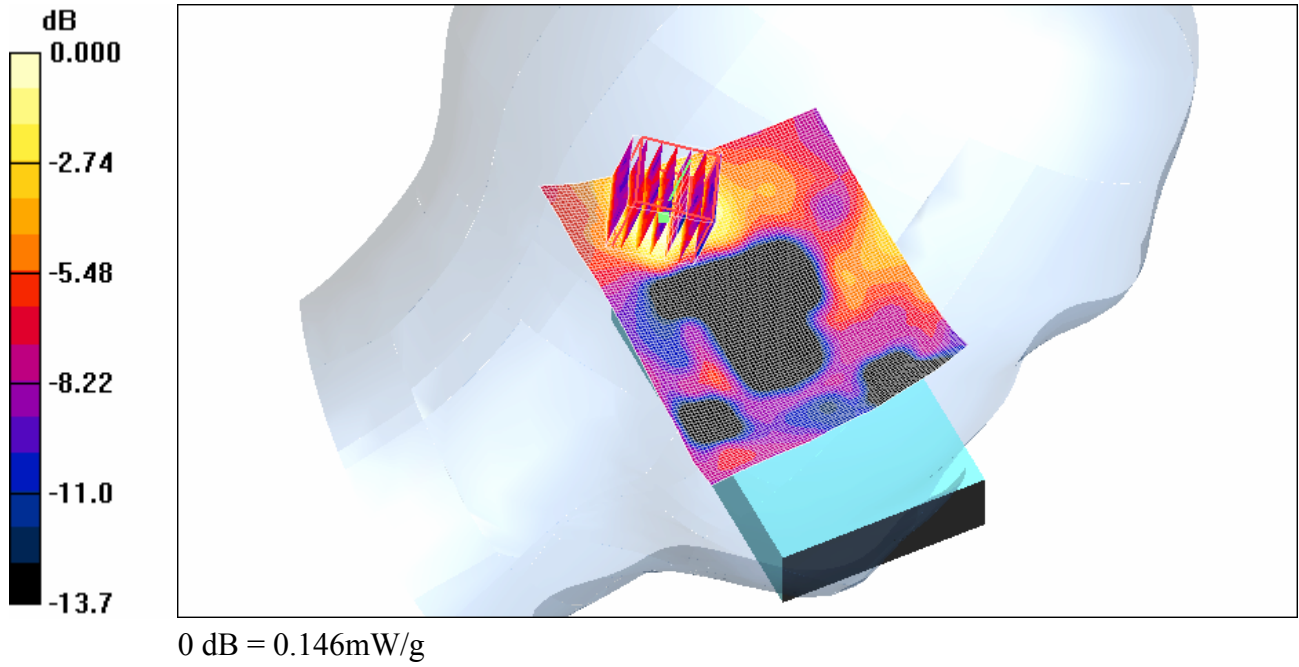**Touch position - Low/Zoom Scan (7x7x9) (7x7x5)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.69 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.146 mW/g

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RIM Testing Services	**Appendix for the BlackBerry® Smartphone Model RBT71UW SAR Report**	**55(63)**

Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.146mW/g

Date/Time: 18/03/2008 5:32:52 PM

Test Laboratory: RTS
File Name:
LeftHandSide_Tilt_802_11a_5520_MHz_amb_temp_24.4_liq_temp_22.2.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 a (5500); Frequency: 5520 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5520 MHz; σ = 5.32 mho/m; ε_r = 34.3; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.54, 4.54, 4.54); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Low/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.124 mW/g

Tilt position - Low/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
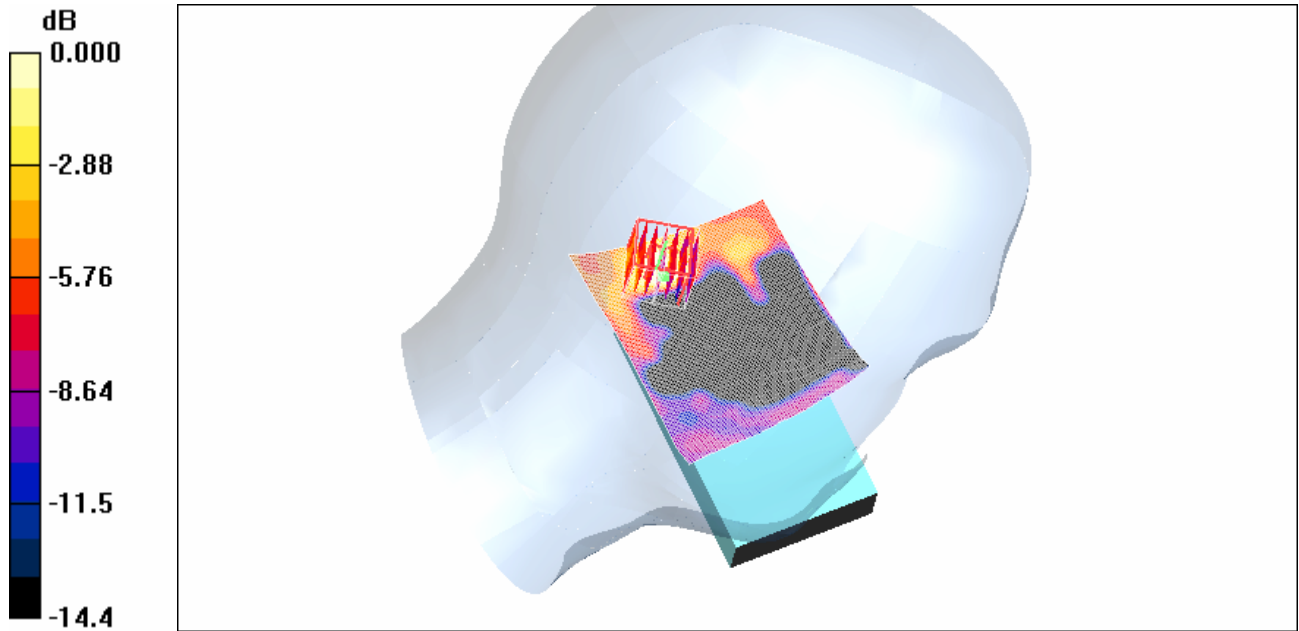Reference Value = 3.49 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.088 mW/g

0 dB = 0.088mW/g

Date/Time: 17/03/2008 8:26:47 PM

Test Laboratory: RTS
File Name: RightHandSide_802.11a_5180_MHz_amb_temp_24.0_liq_temp_23.0.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 a (5500); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 4.76 mho/m; ε_r = 34.9; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.77, 4.77, 4.77); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Touch position - Low/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
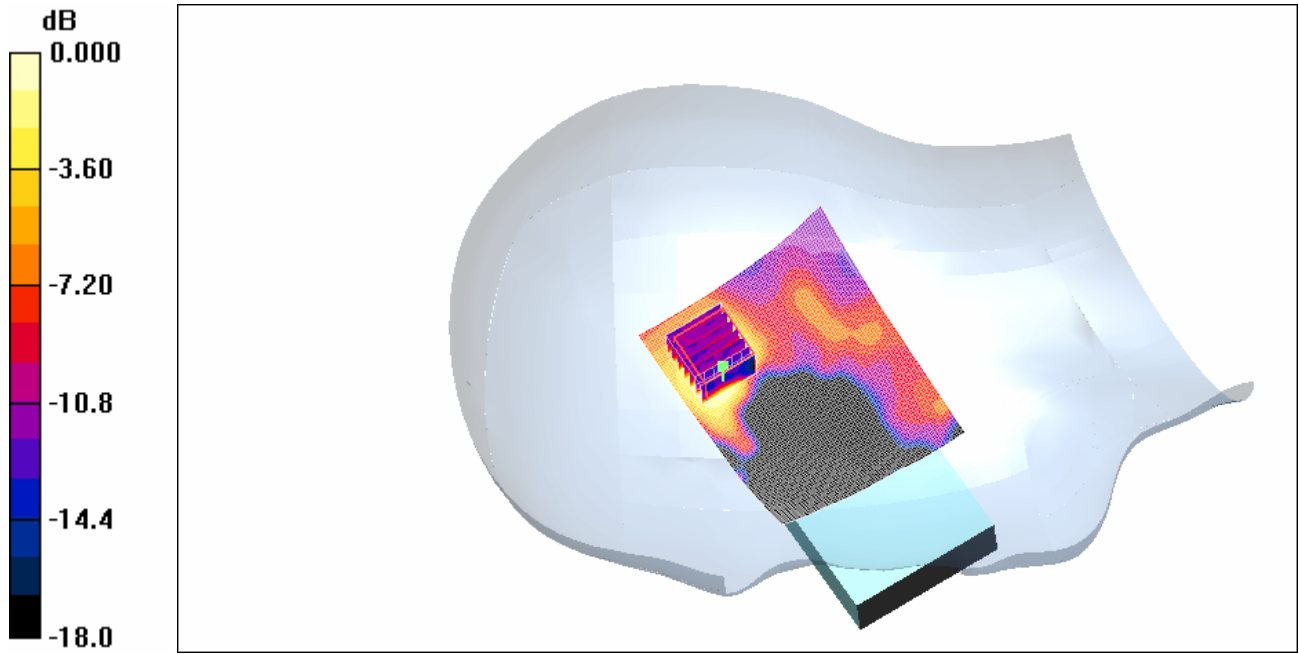Reference Value = 2.42 V/m; Power Drift = 0.534 dB
Peak SAR (extrapolated) = 0.538 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.260 mW/g

0 dB = 0.260mW/g

Date/Time: 17/03/2008 9:38:28 PM

Test Laboratory: RTS
File Name:
RightHandSide_Tilt_802.11a_5180_MHz_amb_temp_24.3_liq_temp_23.2.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 a (5500); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5180$ MHz; $\sigma = 4.76$ mho/m; $\varepsilon_r = 34.9$; $\rho = 1000$ kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.77, 4.77, 4.77); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Low/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.152 mW/g

Tilt position - Low/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
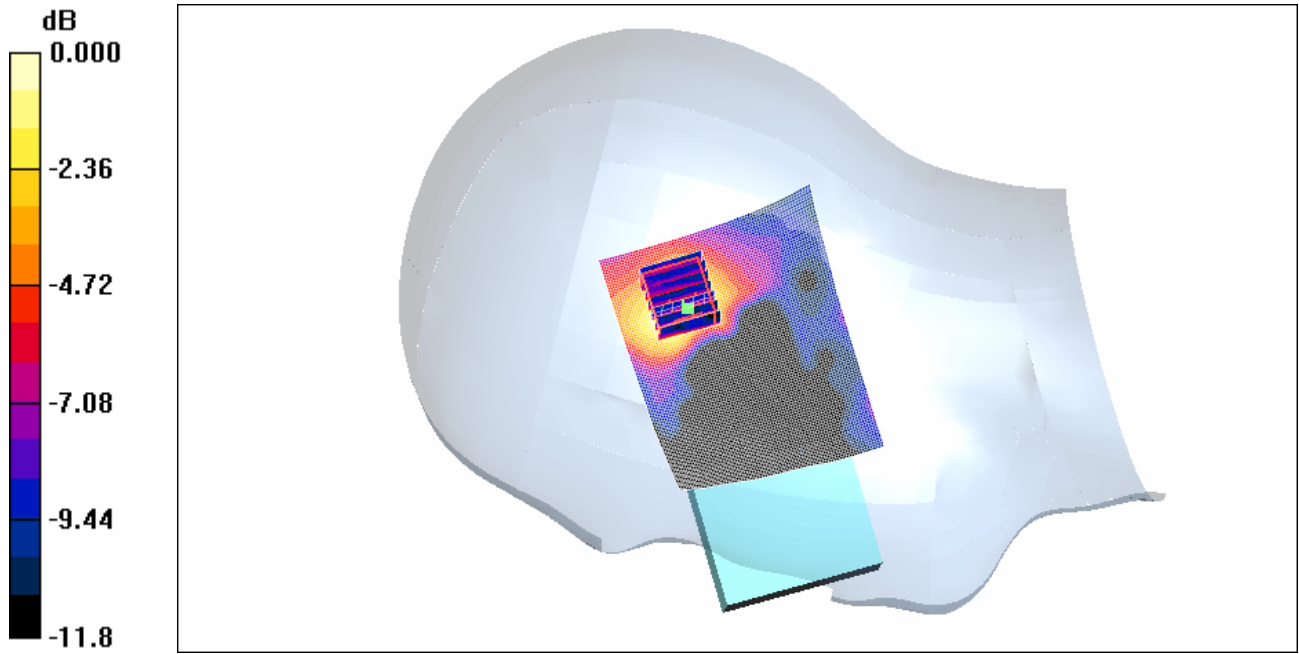Reference Value = 4.19 V/m; Power Drift = 0.663 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.042 mW/g
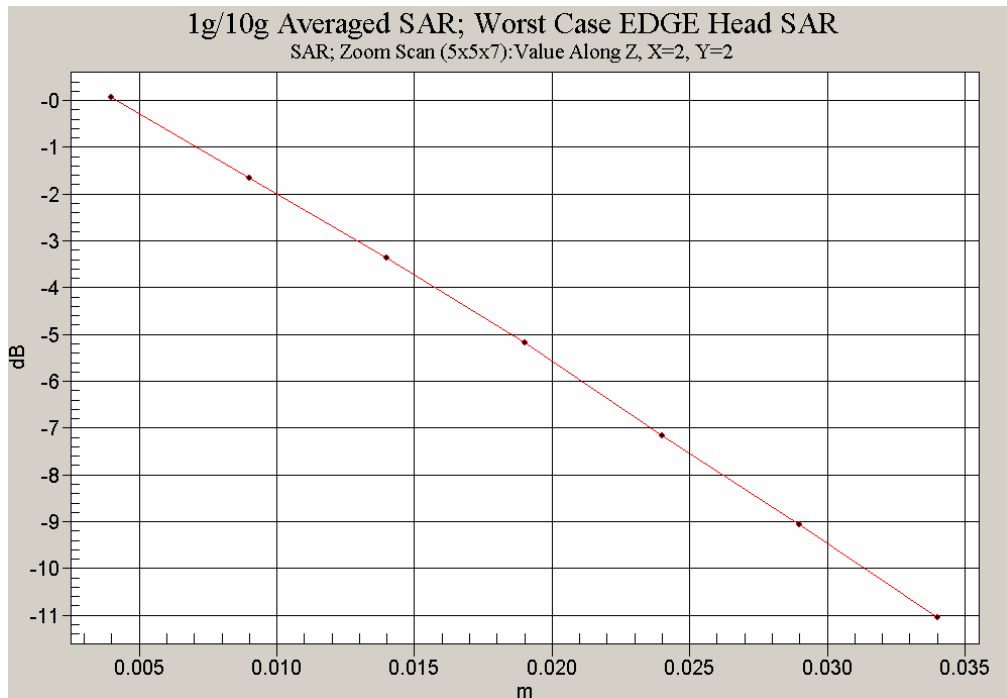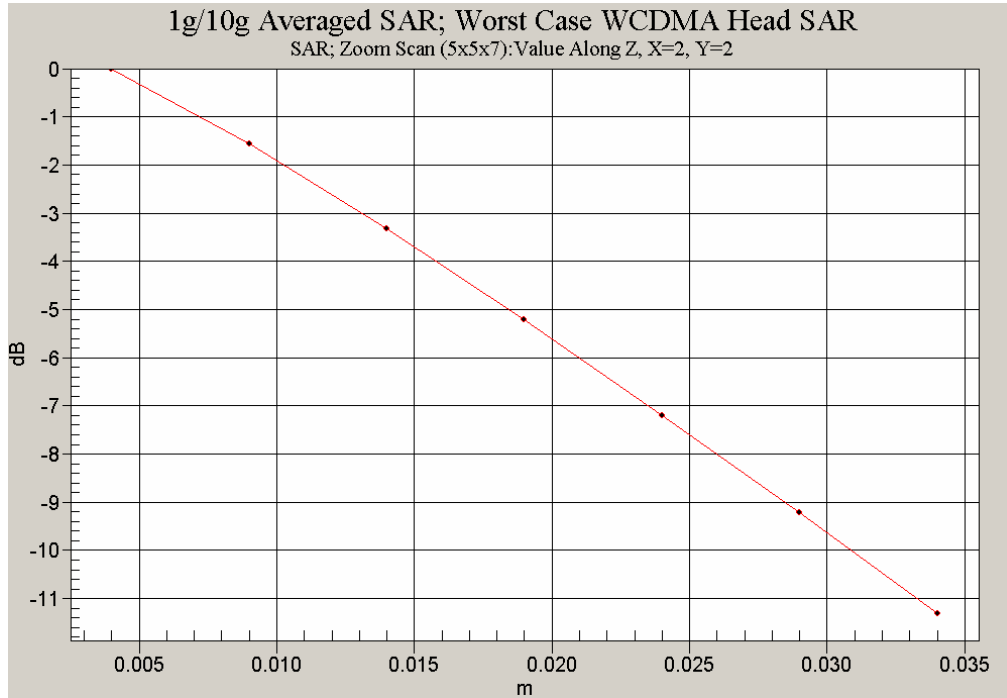
Maximum value of SAR (measured) = 0.147 mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:
Shahriar Ninad	**Mar 06- Apr 22, 2008**	**RTS-0552-0804-11**	**L6ARBT70UW**

0 dB = 0.147mW/g

Z axis plot for the worst case head configuration:

1g/10g Averaged SAR; Worst Case WLAN Head SAR
SAR; Zoom Scan (7x7x9):Value Along Z, X=4, Y=3