

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 1(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

APPENDIX C2: SAR DISTRIBUTION PLOTS FOR HOT SPOT CONFIGURATION

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 2(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

DTM/GSM 850 (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2				Page 3(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC	

Date: 6/28/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E7671

Configuration: Mobile Hot Spot MSL - GPRS 850

Communication System: GPRS 850 (3 slots); Communication System Band: GPRS 850 (3 slots);

Frequency: 836.8 MHz

Medium Parameters used: $f=836.8$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 53.124$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.12,6.12,6.12); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - GPRS 850/10mm Device Back - GPRS850_3-

Slots_chan190_amb_temp_22.8C_liq_temp_21.1C/Area Scan (61x101x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.825 W/kg

Mobile Hot Spot MSL - GPRS 850/10mm Device Back - GPRS850_3-

Slots_chan190_amb_temp_22.8C_liq_temp_21.1C/Zoom Scan (21x21x36)/Cube 0:

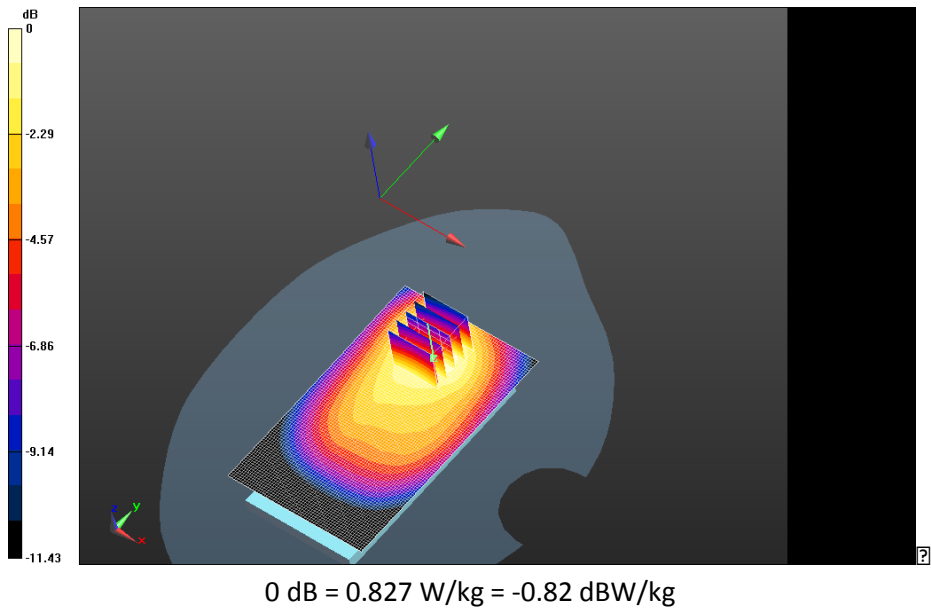
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm, $dz=1.000$ mm

Reference Value = 22.307 V/m; **Power Drift = -0.036 dB**

Averaged SAR: SAR(1g) = 0.725 W/kg; SAR(10g) = 0.502 W/kg

Maximum value of SAR (interpolated) = 1.02 W/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 4(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 5(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

UMTS Band V (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 6(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 6/28/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E7671

Configuration: Mobile Hot Spot MSL - UMTS band V

Communication System: WCDMA FDD V; Communication System Band: UMTS band V;

Frequency: 836.4 MHz

Medium Parameters used: $f=836.4$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 53.128$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.12,6.12,6.12); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - UMTS band V/10mm Device Back - UMTS_band

V_chan4182_amb_temp_23.5C_liq_temp_21.8C/Area Scan (61x101x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.627 W/kg

Mobile Hot Spot MSL - UMTS band V/10mm Device Back - UMTS_band

V_chan4182_amb_temp_23.5C_liq_temp_21.8C/Zoom Scan (26x26x36)/Cube 0: Interpolated

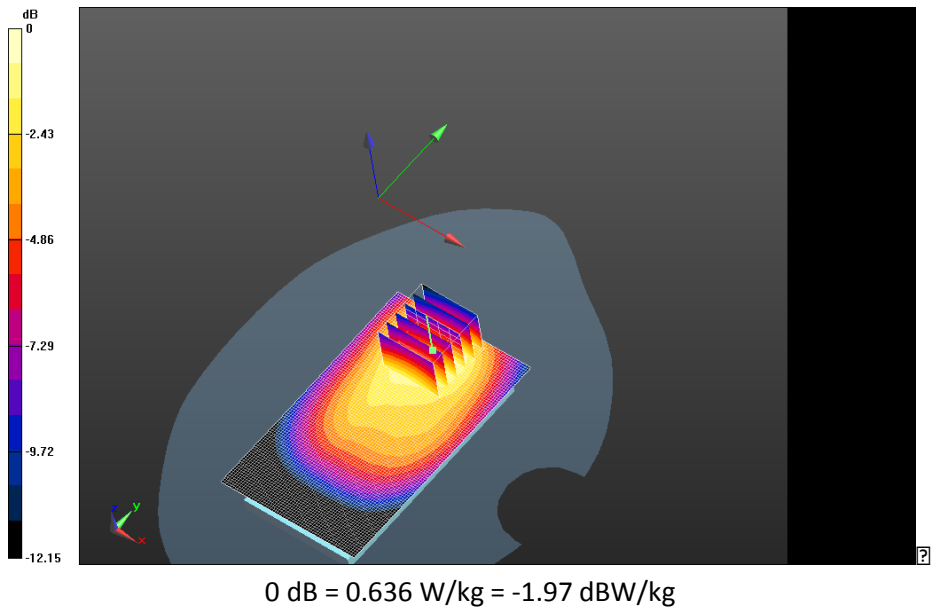
grid: $dx=1.500$ mm, $dy=1.500$ mm, $dz=1.000$ mm

Reference Value = 19.362 V/m; **Power Drift = 0.00745 dB**

Averaged SAR: SAR(1g) = 0.556 W/kg; SAR(10g) = 0.383 W/kg

Maximum value of SAR (interpolated) = 0.788 W/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 7(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 8(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

CDMA 800 (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 9(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 6/28/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E76AA

Configuration: Mobile Hot Spot MSL - CDMA 800 BC10

Communication System: CDMA 800; Communication System Band: CDMA 2000 BC 10;

Frequency: 817.9 MHz

Medium Parameters used: $f=817.9$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 53.307$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.12,6.12,6.12); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Back - CDMA 800

BC10_chan476_amb_temp_23.2C_liq_temp_22.3C/Area Scan (61x101x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 23.098 V/m; **Power Drift = -0.164 dB**

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Back - CDMA 800

BC10_chan476_amb_temp_23.2C_liq_temp_22.3C/Zoom Scan (26x26x36)/Cube 0:

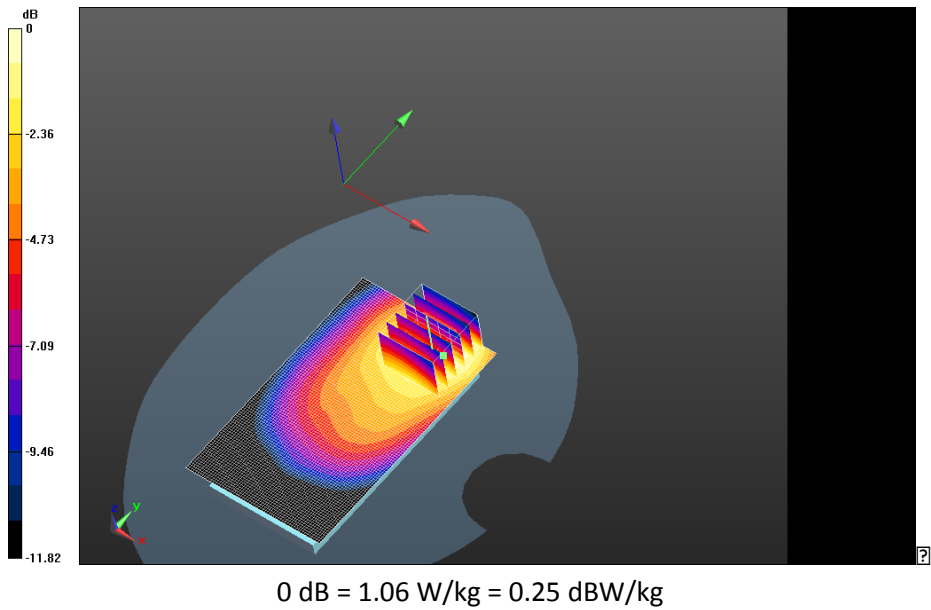
Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm, $dz=1.000$ mm

Reference Value = 23.098 V/m; **Power Drift = -0.164 dB**

Averaged SAR: SAR(1g) = 0.939 W/kg; SAR(10g) = 0.650 W/kg

Maximum value of SAR (interpolated) = 1.30 W/kg

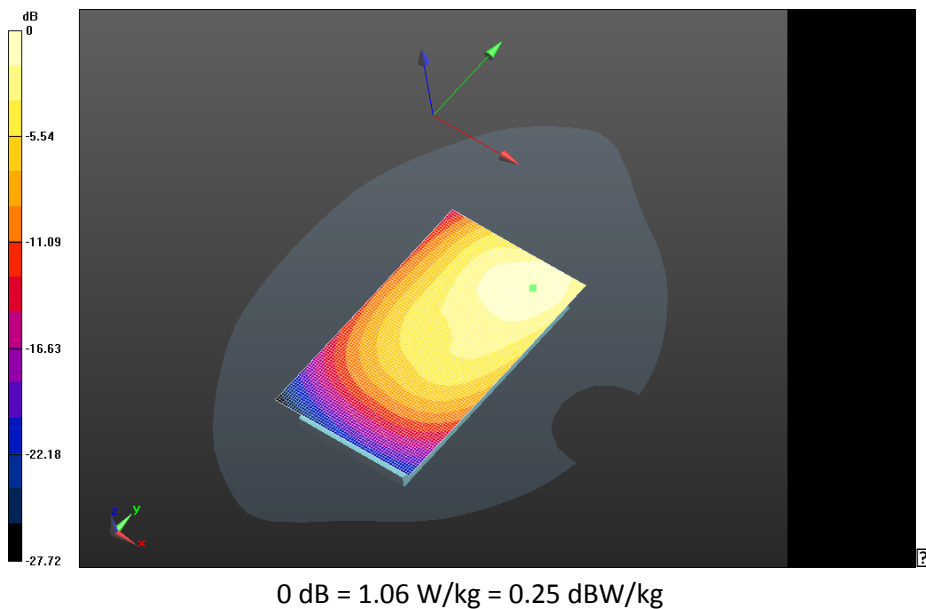
	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 10(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 11(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Back - CDMA 800
BC10_chan580_amb_temp_23.2C_liq_temp_22.4C/Area Scan (61x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 22.855 V/m; **Power Drift = -0.191 dB**

Fast SAR: SAR(1g) = 0.907 W/kg; SAR(10g) = 0.615 W/kg
Maximum value of SAR (interpolated) = 1.04 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 12(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Back - CDMA 800

BC10_chan684_amb_temp_23.0C_liq_temp_22.6/Area Scan (61x101x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 23.287 V/m; **Power Drift = 0.031 dB**

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Back - CDMA 800

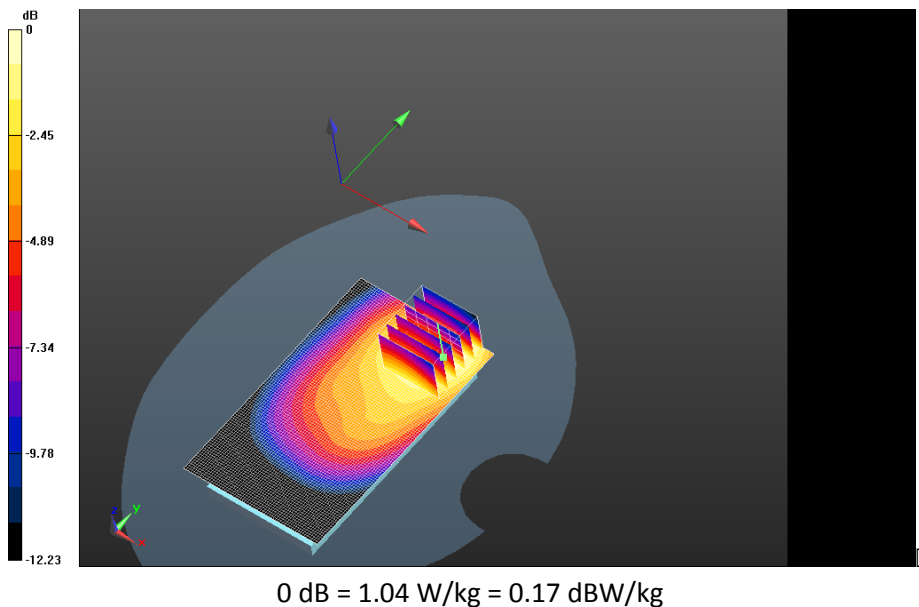
BC10_chan684_amb_temp_23.0C_liq_temp_22.6/Zoom Scan (26x26x36)/Cube 0: Interpolated

grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 23.287 V/m; **Power Drift = 0.031 dB**

Averaged SAR: SAR(1g) = 0.953 W/kg; SAR(10g) = 0.662 W/kg

Maximum value of SAR (interpolated) = 1.32 W/kg

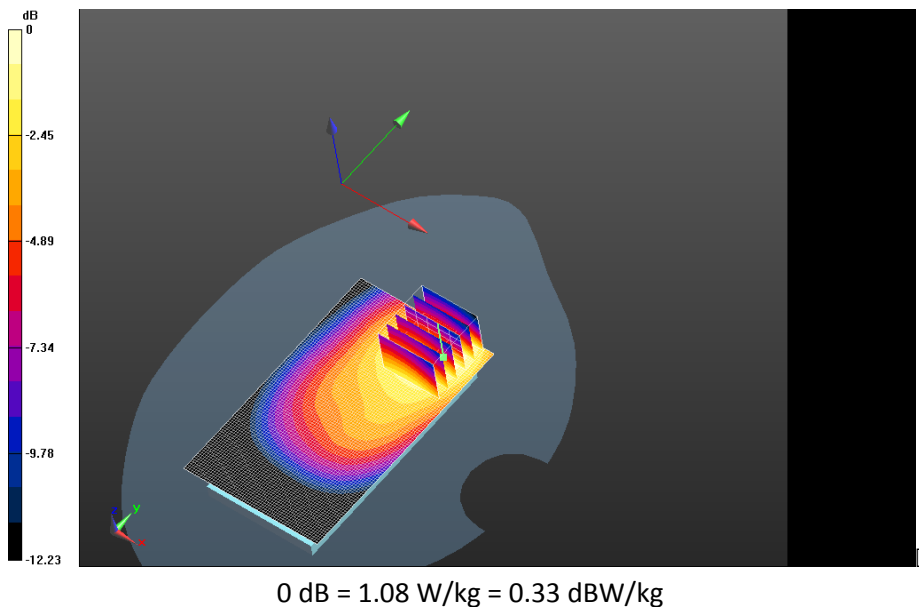


	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 13(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16, 2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Back - CDMA 800
BC10_chan684_2nd_scan_amb_temp_22.7C_liq_temp_22.3/Area Scan (61x101x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 23.309 V/m; **Power Drift = 0.032 dB**

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Back - CDMA 800
BC10_chan684_2nd_scan_amb_temp_22.7C_liq_temp_22.3/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 23.309 V/m; **Power Drift = 0.032 dB**

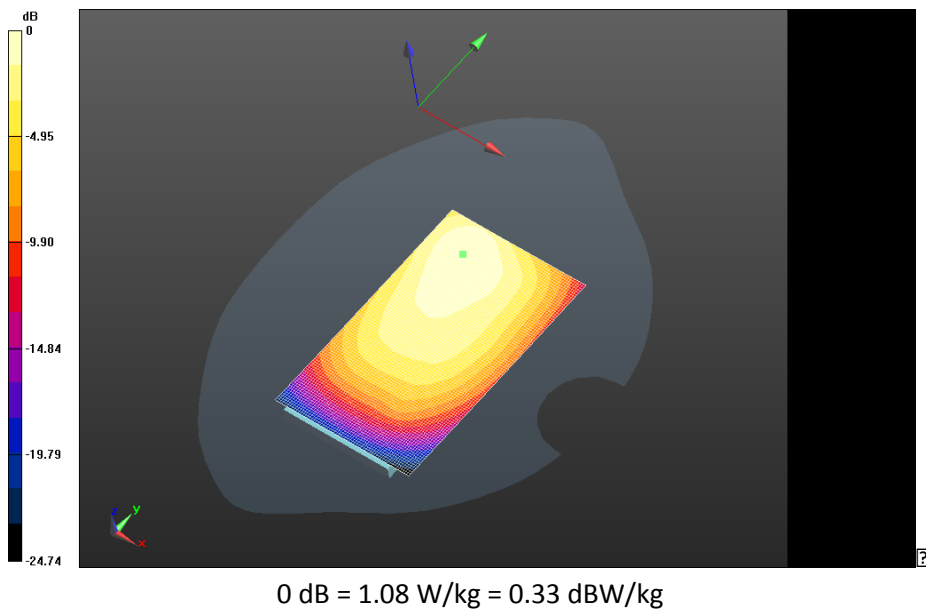
Averaged SAR: SAR(1g) = 0.952 W/kg; SAR(10g) = 0.661 W/kg
Maximum value of SAR (interpolated) = 1.32 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 14(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Front - CDMA 800
BC10_chan580_amb_temp_23.0C_liq_temp_22.2C/Area Scan (61x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 22.628 V/m; **Power Drift = 0.037 dB**

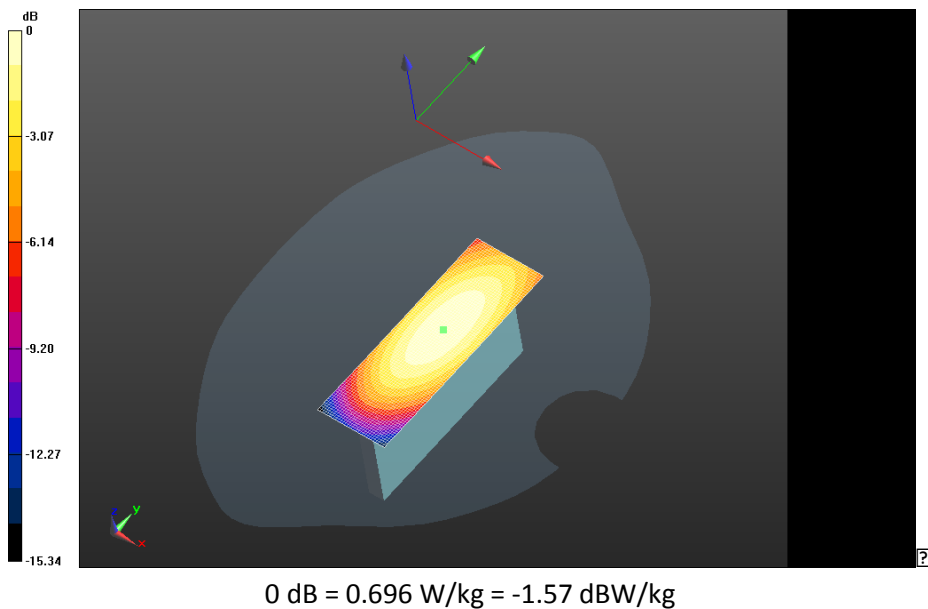
Fast SAR: SAR(1g) = 0.608 W/kg; SAR(10g) = 0.417 W/kg
Maximum value of SAR (interpolated) = 0.696 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 15(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Left - CDMA 800
BC10_chan580_amb_temp_23.0C_liq_temp_22.2C/Area Scan (31x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 19.385 V/m; **Power Drift = 0.029 dB**

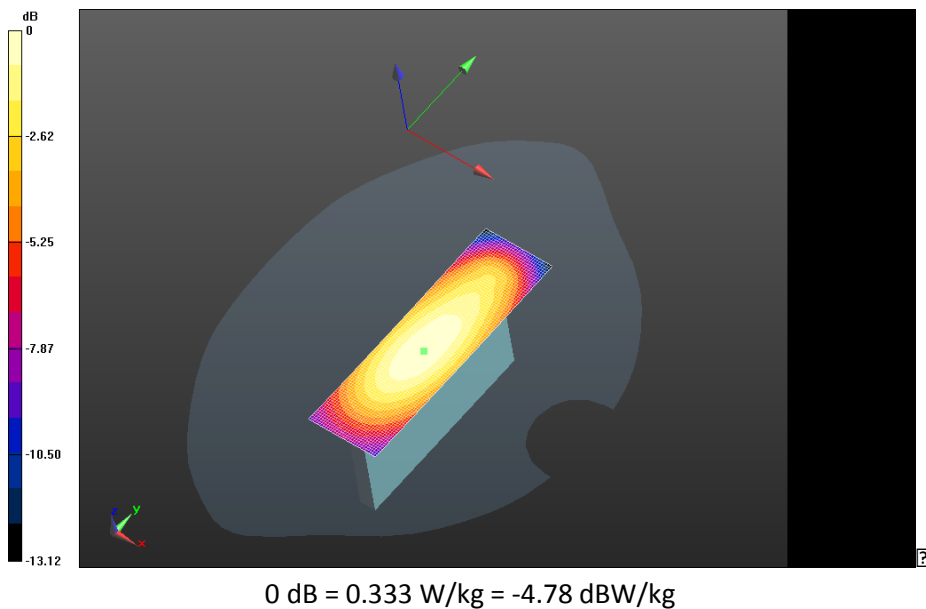
Fast SAR: SAR(1g) = 0.293 W/kg; SAR(10g) = 0.200 W/kg
Maximum value of SAR (interpolated) = 0.333 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 16(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Right - CDMA 800
BC10_chan580_amb_temp_23.0C_liq_temp_22.2C/Area Scan (31x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 22.366 V/m; **Power Drift = 0.086 dB**

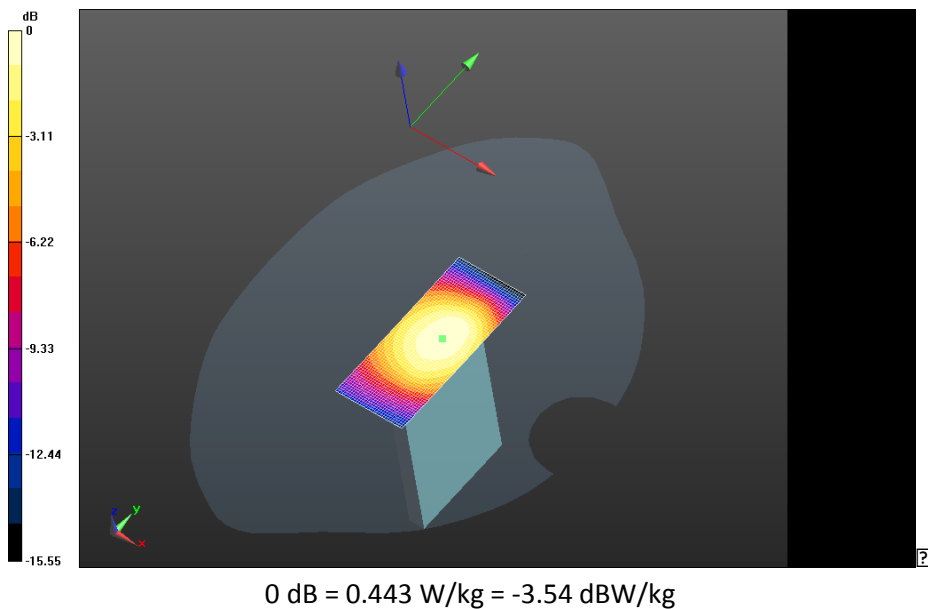
Fast SAR: SAR(1g) = 0.389 W/kg; SAR(10g) = 0.264 W/kg
Maximum value of SAR (interpolated) = 0.443 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 17(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 800 BC10/10mm Device Bottom - CDMA 800
BC10_chan580_amb_temp_23.0C_liq_temp_22.2C/Area Scan (31x71x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 22.608 V/m; **Power Drift = 0.092 dB**

Fast SAR: SAR(1g) = 0.451 W/kg; SAR(10g) = 0.301 W/kg
Maximum value of SAR (interpolated) = 0.518 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 18(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

CDMA 850 (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 19(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 6/27/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E76AA

Configuration: Mobile Hot Spot MSL - CDMA 850 BC0

Communication System: CDMA 850; Communication System Band: CDMA 2000 Cellular;

Frequency: 824.7 MHz

Medium Parameters used: $f=825$ MHz; $\sigma = 0.950$ S/m; $\epsilon_r = 53.215$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.12,6.12,6.12); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Back - CDMA 850

BC0_chan1013_amb_temp_23.3C_liq_temp_22.2C/Area Scan (61x101x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 24.048 V/m; **Power Drift = 0.113 dB**

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Back - CDMA 850

BC0_chan1013_amb_temp_23.3C_liq_temp_22.2C/Zoom Scan (26x26x36)/Cube 0:

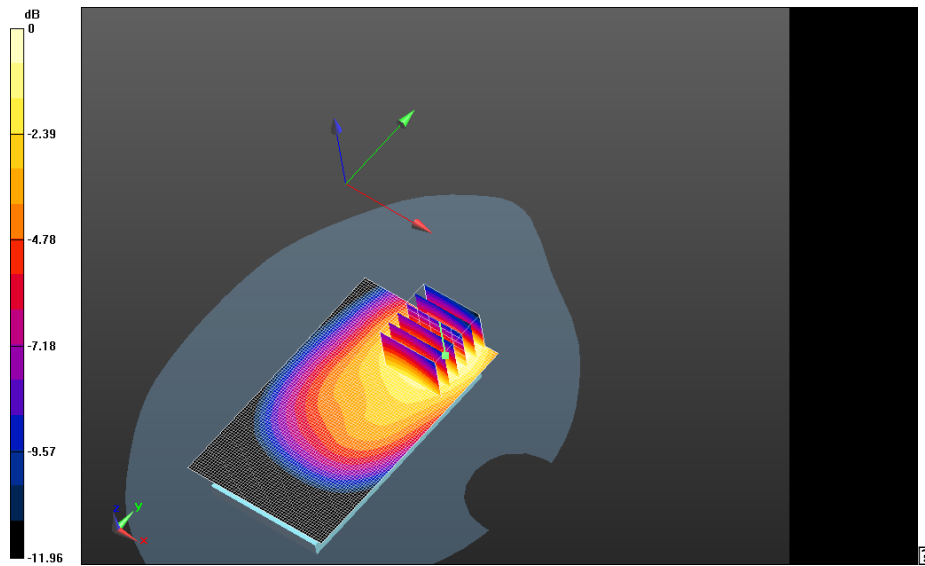
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 24.048 V/m; **Power Drift = 0.113 dB**

Averaged SAR: SAR(1g) = 0.980 W/kg; SAR(10g) = 0.684 W/kg

Maximum value of SAR (interpolated) = 1.35 W/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 20(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC



0 dB = 1.11 W/kg = 0.45 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 21(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Back - CDMA 850

BC0_chan1013_2nd_Scan_amb_temp_23.2C_liq_temp_22.4C/Area Scan (61x101x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 24.252 V/m; **Power Drift = 0.073 dB**

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Back - CDMA 850

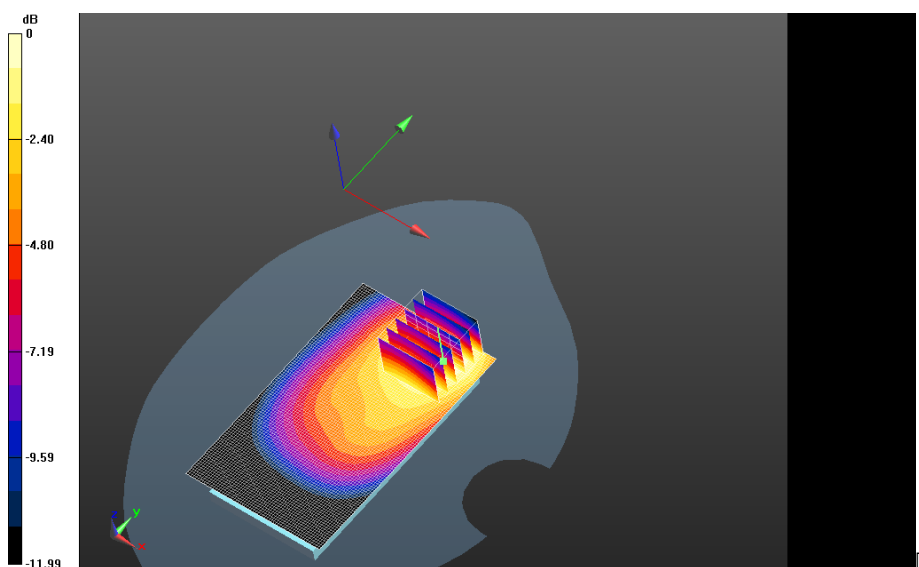
BC0_chan1013_2nd_Scan_amb_temp_23.2C_liq_temp_22.4C/Zoom Scan (26x26x36)/Cube 0:

Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 24.252 V/m; **Power Drift = 0.073 dB**

Averaged SAR: SAR(1g) = 0.998 W/kg; SAR(10g) = 0.693 W/kg

Maximum value of SAR (interpolated) = 1.38 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 22(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Back - CDMA 850

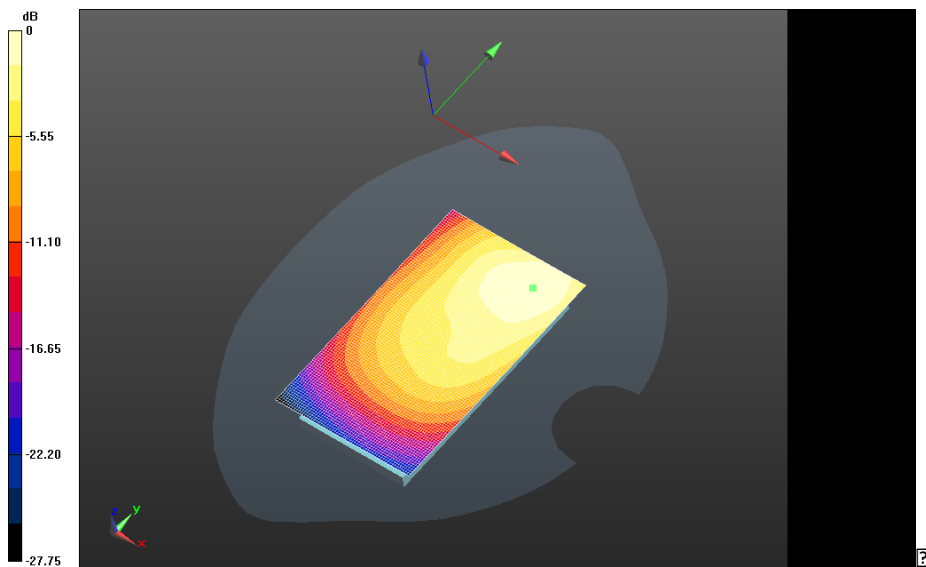
BC0_chan384_amb_temp_23.3C_liq_temp_22.1C/Area Scan (61x101x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 21.209 V/m; **Power Drift = 0.070 dB**

Fast SAR: SAR(1g) = 0.820 W/kg; SAR(10g) = 0.555 W/kg

Maximum value of SAR (interpolated) = 0.941 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 23(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Back - CDMA 850

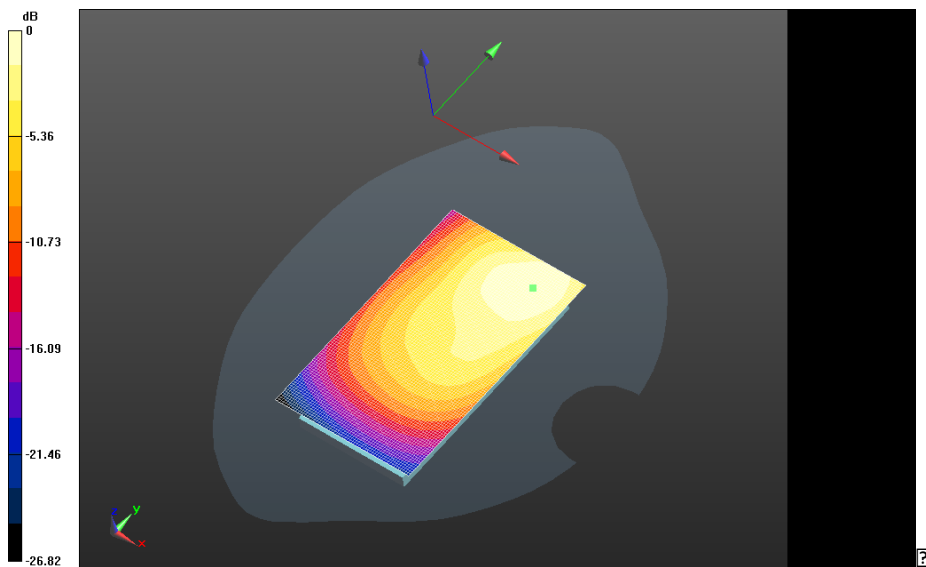
BC0_chan777_amb_temp_23.0C_liq_temp_22.0C/Area Scan (61x101x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 21.315 V/m; **Power Drift = 0.063 dB**

Fast SAR: SAR(1g) = 0.858 W/kg; SAR(10g) = 0.579 W/kg

Maximum value of SAR (interpolated) = 0.984 W/kg

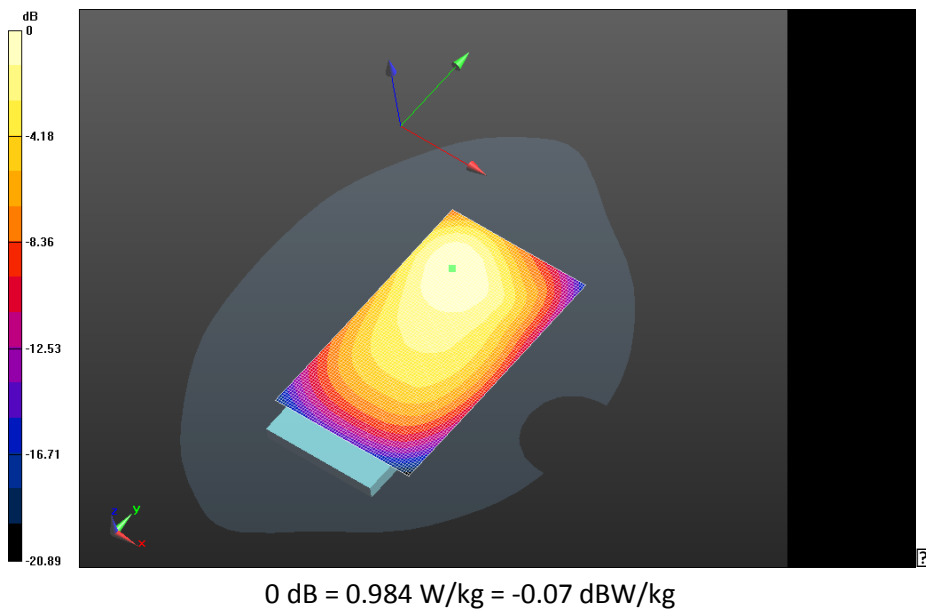


0 dB = 0.941 W/kg = -0.26 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 24(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Front - CDMA 850
BC0_chan384_amb_temp_22.7C_liq_temp 22.3C/Area Scan (61x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 21.433 V/m; **Power Drift = -0.092 dB**

Fast SAR: SAR(1g) = 0.652 W/kg; SAR(10g) = 0.446 W/kg
Maximum value of SAR (interpolated) = 0.740 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 25(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Left - CDMA 850

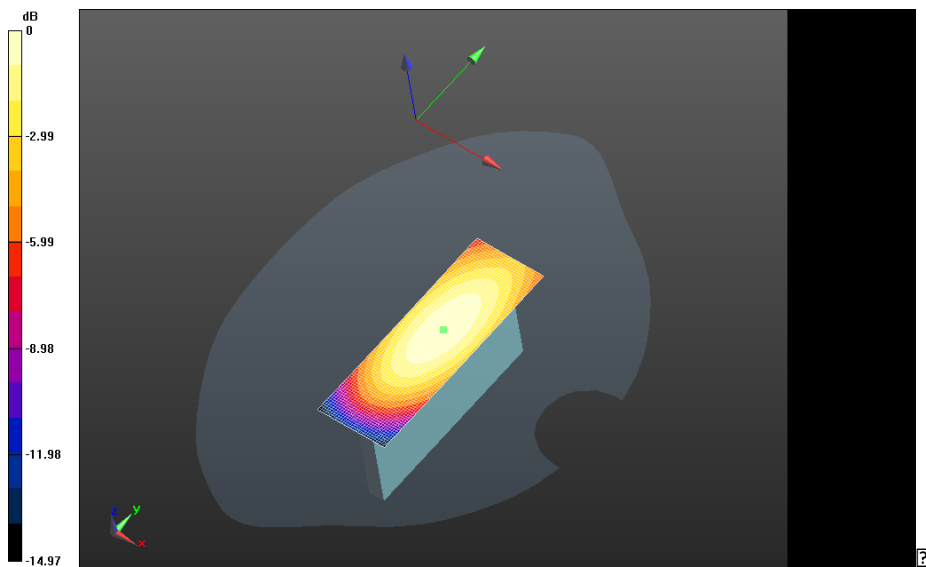
BC0_chan384_amb_temp_23.5C_liq_temp_22.2C/Area Scan (31x91x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 18.359 V/m; **Power Drift = 0.00175 dB**

Fast SAR: SAR(1g) = 0.268 W/kg; SAR(10g) = 0.182 W/kg

Maximum value of SAR (interpolated) = 0.306 W/kg

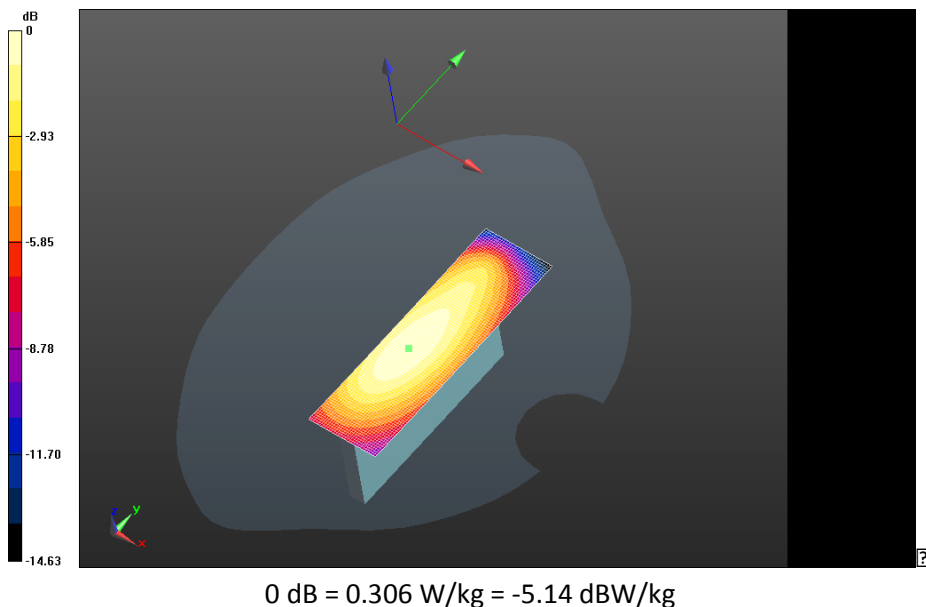


0 dB = 0.740 W/kg = -1.31 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 26(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Right - CDMA 850
BC0_chan384_amb_temp_23.5C_liq_temp_22.2C/Area Scan (31x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 20.332 V/m; **Power Drift = 0.097 dB**

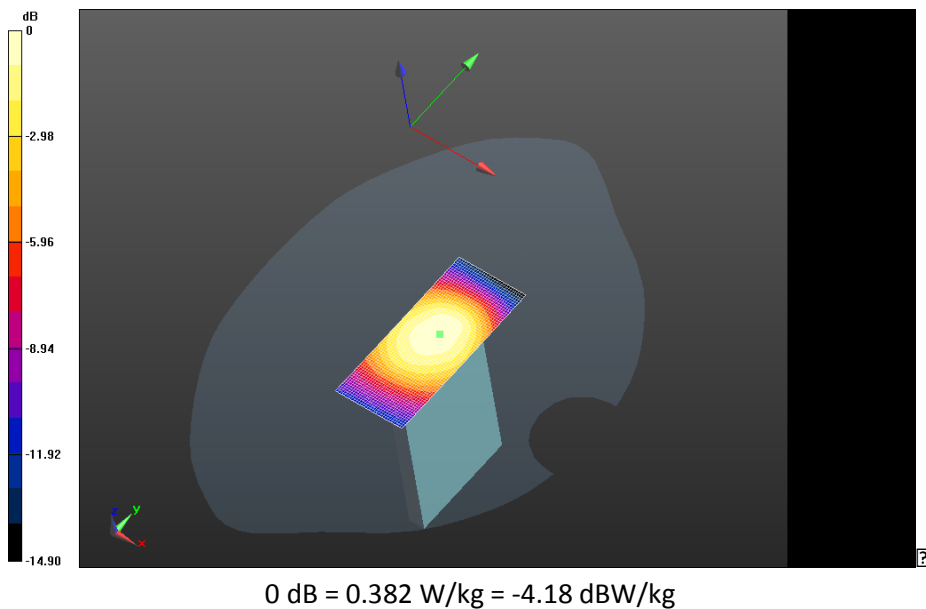
Fast SAR: SAR(1g) = 0.333 W/kg; SAR(10g) = 0.225 W/kg
Maximum value of SAR (interpolated) = 0.382 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 27(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 850 BC0/10mm Device Bottom - CDMA 850
BC0_chan384_amb_temp_23.5C_liq_temp_22.2C/Area Scan (31x71x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 20.332 V/m; **Power Drift = 0.051 dB**

Fast SAR: SAR(1g) = 0.358 W/kg; SAR(10g) = 0.239 W/kg
Maximum value of SAR (interpolated) = 0.415 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 28(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

LTE 25 Full Power (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 29(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 7/2/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E76AA

Configuration: Mobile Hot Spot MSL - LTE Band 25

Communication System: LTE band 25; Communication System Band: LTE band 25; Frequency: 1860 MHz

Medium Parameters used: $f=1860$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 50.738$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - LTE Band 25/10mm Device Back -

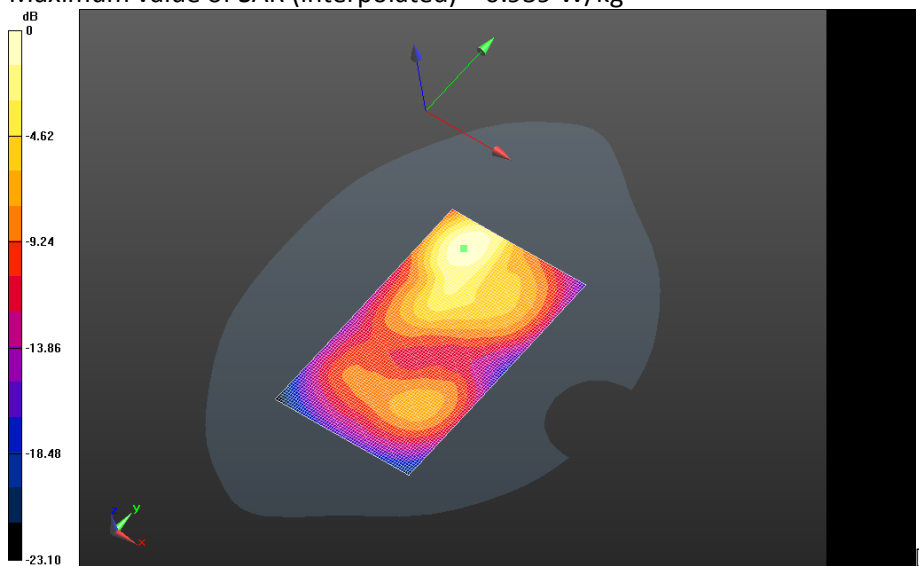
LTE_Band_25_chan26140_RB1_Offset99_amb_temp_23.1C_liq_temp_22.5C/Area Scan

(61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.466 V/m; **Power Drift = -0.104 dB**

Fast SAR: SAR(1g) = 0.744 W/kg; SAR(10g) = 0.412 W/kg

Maximum value of SAR (interpolated) = 0.939 W/kg

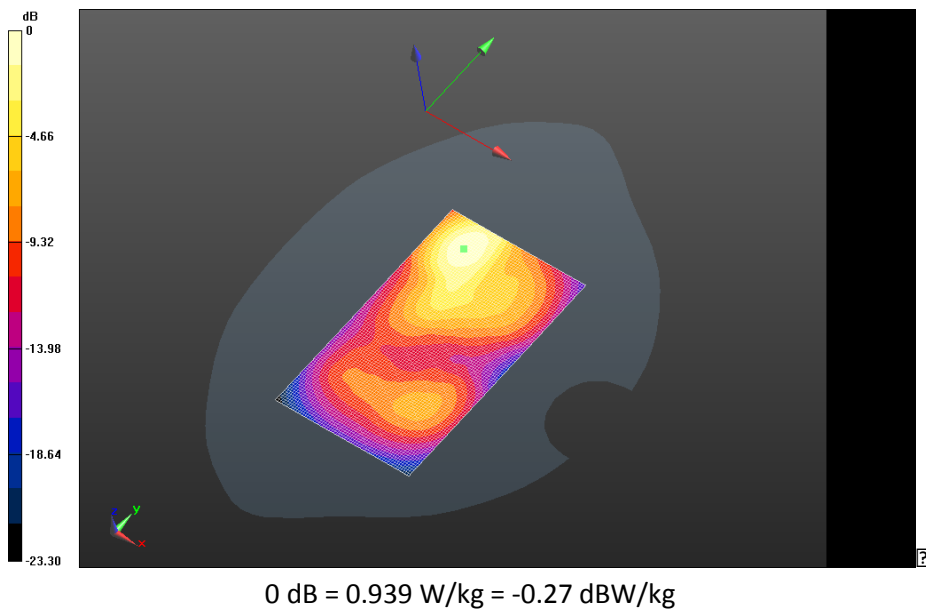


0 dB = 0.939 W/kg = -0.27 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 30(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - LTE Band 25/10mm Device Back -
LTE_Band_25_chan26140_RB50_Offset50_amb_temp_23.4C_liq_temp_22.5C/Area Scan
(61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.381 V/m; **Power Drift = 0.024 dB**

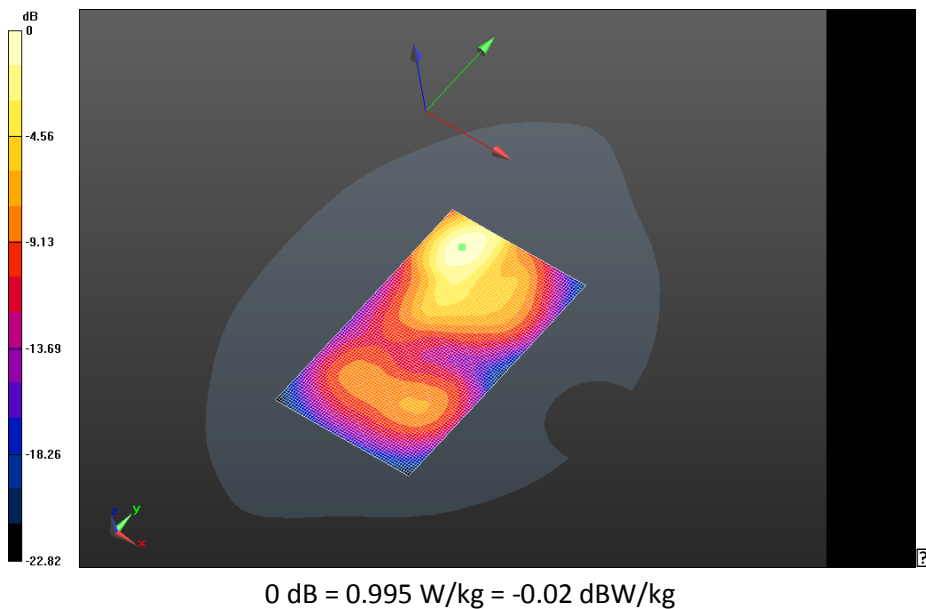
Fast SAR: SAR(1g) = 0.785 W/kg; SAR(10g) = 0.431 W/kg
Maximum value of SAR (interpolated) = 0.995 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 31(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - LTE Band 25/10mm Device Back -
LTE_Band_25_chan26365_RB100_Offset0_amb_temp_23.1C_liq_temp_22.5C/Area Scan
(61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.061 V/m; **Power Drift = -0.071 dB**

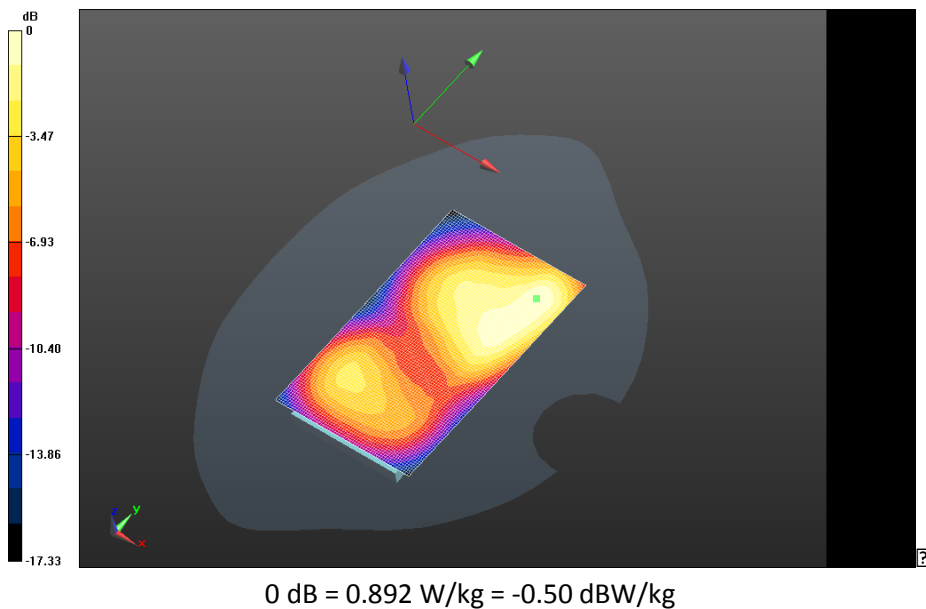
Fast SAR: SAR(1g) = 0.705 W/kg; SAR(10g) = 0.385 W/kg
Maximum value of SAR (interpolated) = 0.892 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 32(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - LTE Band 25/10mm Device Front -
LTE_Band_25_chan26140_RB50_Offset50_amb_temp_23.5C_liq_temp_22.5C/Area Scan
(61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.287 V/m; **Power Drift = 0.091 dB**

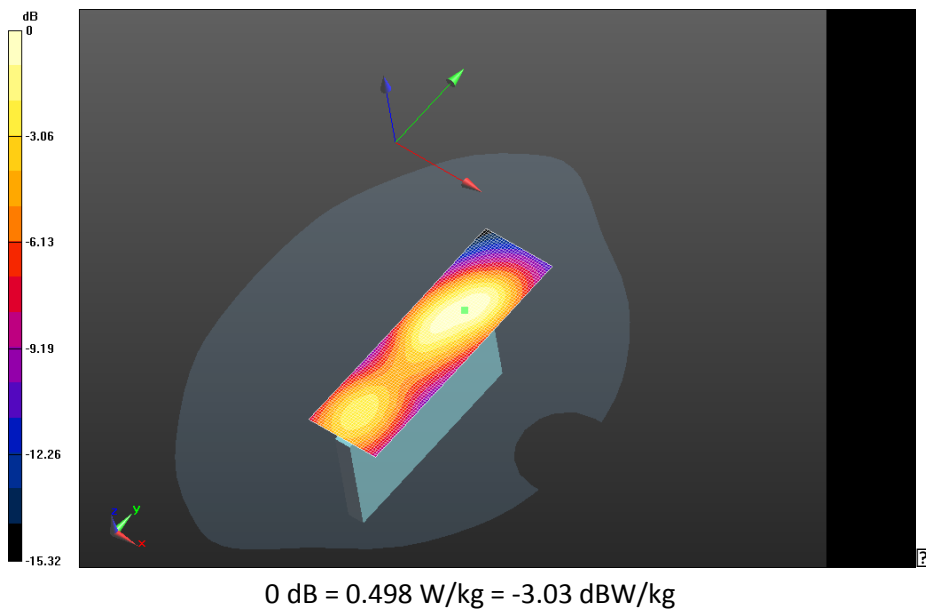
Fast SAR: SAR(1g) = 0.406 W/kg; SAR(10g) = 0.244 W/kg
Maximum value of SAR (interpolated) = 0.498 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 33(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - LTE Band 25/10mm Device Left -
LTE_Band_25_chan26140_RB50_Offset50_amb_temp_23.3C_liq_temp_22.5C/Area Scan
(31x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.771 V/m; **Power Drift = -0.011 dB**

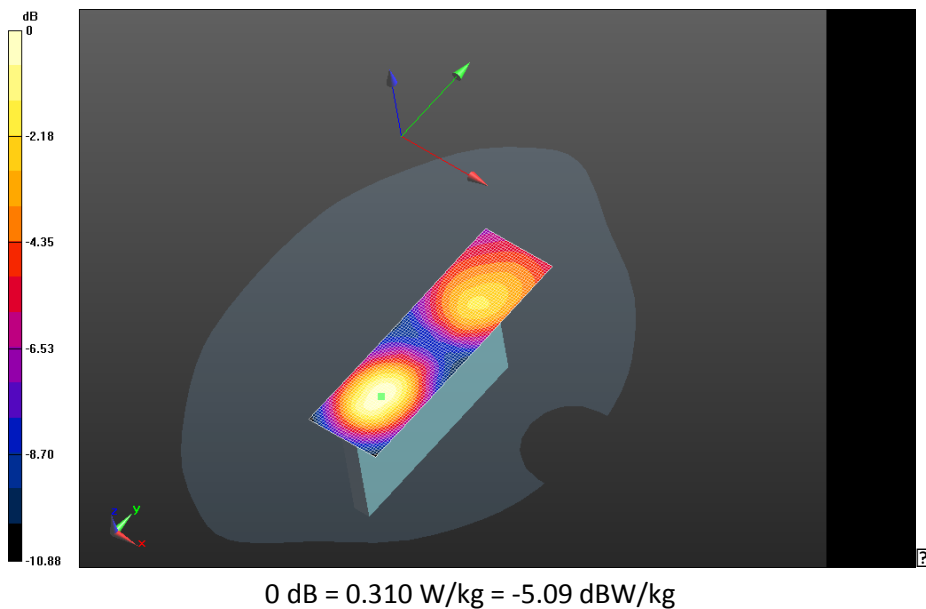
Fast SAR: SAR(1g) = 0.251 W/kg; SAR(10g) = 0.143 W/kg
Maximum value of SAR (interpolated) = 0.310 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 34(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - LTE Band 25/10mm Device Right -
LTE_Band_25_chan26365_RB50_Offset50_amb_temp_23.1C_liq_temp_22.5C/Area Scan
(31x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.273 V/m; **Power Drift = 0.00827 dB**

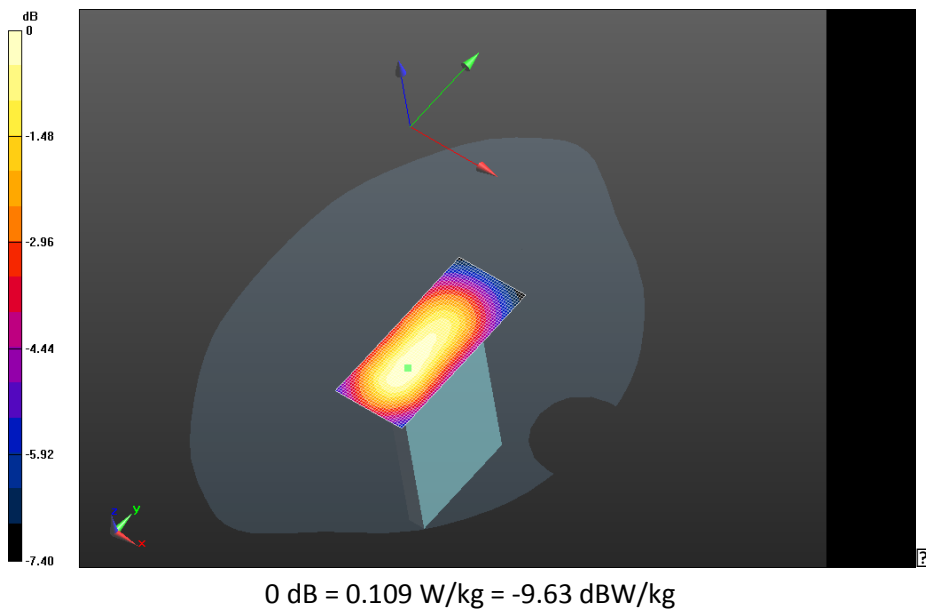
Fast SAR: SAR(1g) = 0.0896 W/kg; SAR(10g) = 0.0499 W/kg
Maximum value of SAR (interpolated) = 0.109 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 35(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - LTE Band 25/10mm Device Bottom -
LTE_Band_25_chan26365_RB50_Offset50_amb_temp_23.0C_liq_temp_22.5C/Area Scan
(31x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.555 V/m; **Power Drift = 0.012 dB**

Fast SAR: SAR(1g) = 0.0904 W/kg; SAR(10g) = 0.0543 W/kg
Maximum value of SAR (interpolated) = 0.108 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 36(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

GPRS 1900 (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 37(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 7/3/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E7691

Configuration: Mobile Hot Spot MSL - GPRS 1900

Communication System: GPRS 1900 (4-slots); Communication System Band: GPRS 1900 (4 slots); Frequency: 1880 MHz

Medium Parameters used: $f=1880$ MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 50.675$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - GPRS 1900/10mm Device Back - GPRS1900_4-

Slots_chan661_amb_temp_22.8C_liq_temp_21.1C/Area Scan (61x101x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.647 W/kg

Mobile Hot Spot MSL - GPRS 1900/10mm Device Back - GPRS1900_4-

Slots_chan661_amb_temp_22.8C_liq_temp_21.1C/Zoom Scan (21x21x36)/Cube 0:

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm, $dz=1.000$ mm

Reference Value = 7.735 V/m; **Power Drift = 0.00546 dB**

Averaged SAR: SAR(1g) = 0.562 W/kg; SAR(10g) = 0.314 W/kg

Maximum value of SAR (interpolated) = 0.942 W/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 39(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

UMTS Band II (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 40(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 7/3/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E7691

Configuration: Mobile Hot Spot MSL - UMTS II

Communication System: WCDMA FDD II; Communication System Band: UMTS FDD II; Frequency: 1880 MHz

Medium Parameters used: $f=1880$ MHz; $\sigma = 1.534$ S/m; $\epsilon_r = 50.675$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - UMTS II/10mm Device Back -

UMTS_II_chan9400_amb_temp_23.6C_liq_temp_22.4C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.682 W/kg

Mobile Hot Spot MSL - UMTS II/10mm Device Back -

UMTS_II_chan9400_amb_temp_23.6C_liq_temp_22.4C/Zoom Scan (21x21x36)/Cube 0:

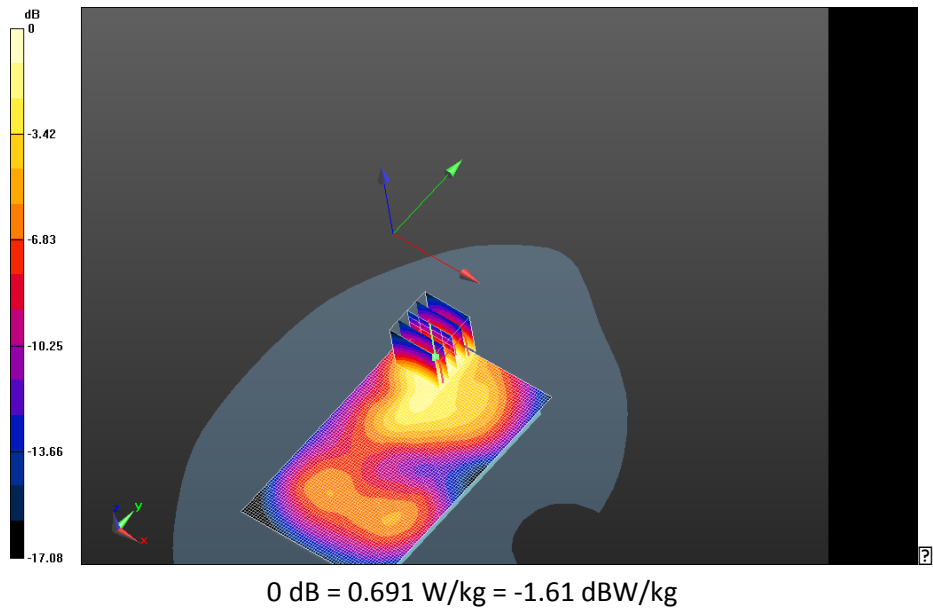
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 7.981 V/m; **Power Drift = -0.161 dB**

Averaged SAR: SAR(1g) = 0.585 W/kg; SAR(10g) = 0.330 W/kg

Maximum value of SAR (interpolated) = 0.993 W/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 41(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 42(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

CDMA 1900 (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 43(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 6/28/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E7691

Configuration: Mobile Hot Spot MSL - CDMA 1900 BC1

Communication System: CDMA 1900; Communication System Band: CDMA 2000 PCS;

Frequency: 1851.25 MHz

Medium Parameters used: $f=1851.25$ MHz; $\sigma = 1.489$ S/m; $\epsilon_r = 51.239$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Back - CDMA 1900

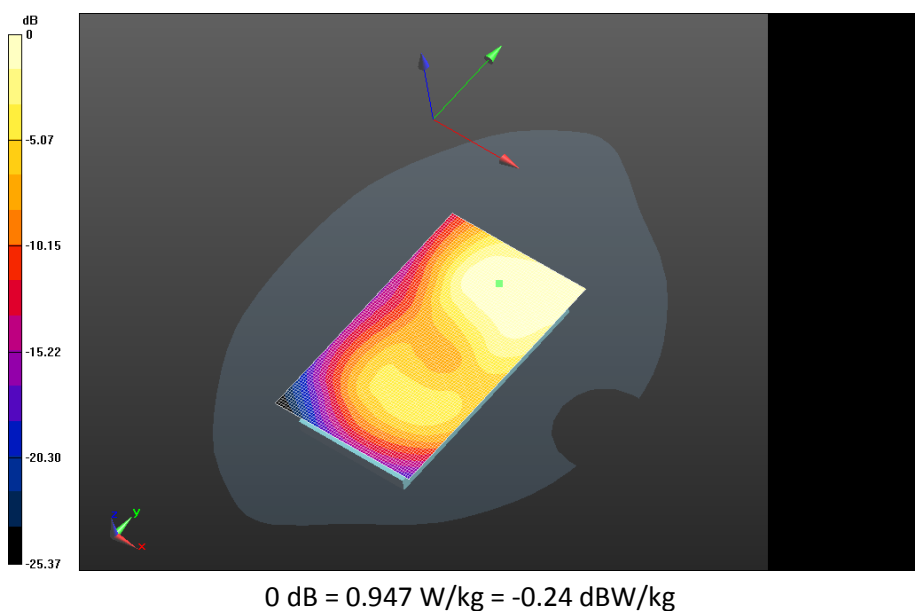
BC1_chan25_amb_temp_23.6C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 12.250 V/m; **Power Drift = 0.097 dB**

Fast SAR: SAR(1g) = 0.796 W/kg; SAR(10g) = 0.496 W/kg

Maximum value of SAR (interpolated) = 0.947 W/kg

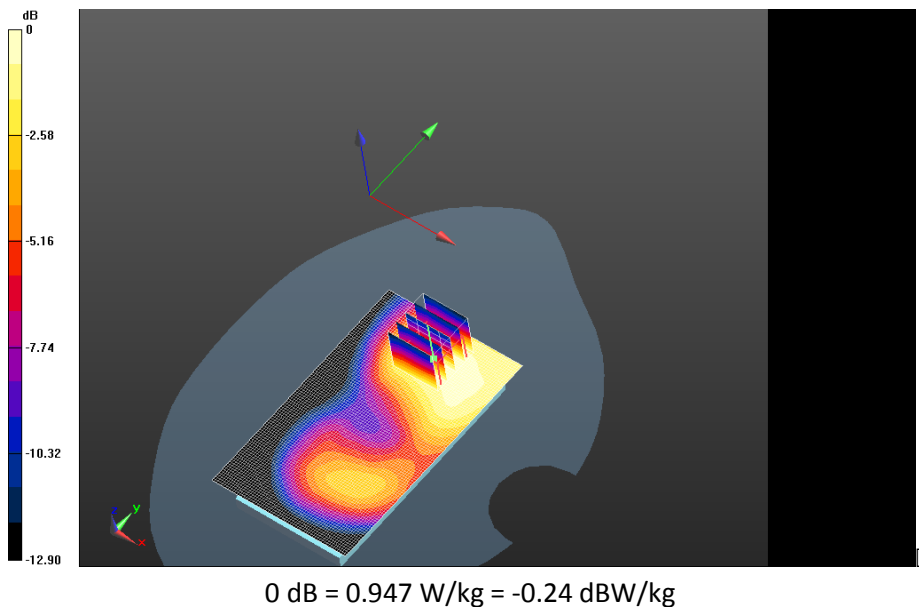


	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 44(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16, 2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.3C_liq_temp_22.6C/Area Scan (61x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 11.498 V/m; **Power Drift = -0.069 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.3C_liq_temp_22.6C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.498 V/m; **Power Drift = -0.069 dB**

Averaged SAR: SAR(1g) = 0.847 W/kg; SAR(10g) = 0.547 W/kg
Maximum value of SAR (interpolated) = 1.30 W/kg

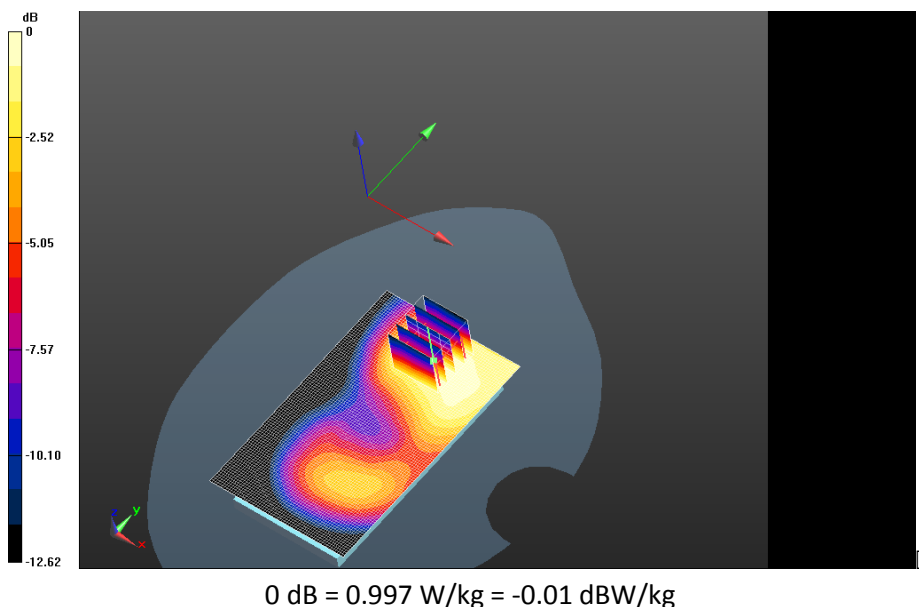


	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 45(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Back - CDMA 1900 BC1_chan600_2nd scan_amb_temp_23.1C_liq_temp_22.8C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.484 V/m; **Power Drift = -0.099 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Back - CDMA 1900 BC1_chan600_2nd scan_amb_temp_23.1C_liq_temp_22.8C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.484 V/m; **Power Drift = -0.099 dB**

Averaged SAR: SAR(1g) = 0.849 W/kg; SAR(10g) = 0.546 W/kg
Maximum value of SAR (interpolated) = 1.32 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 46(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Back - CDMA 1900

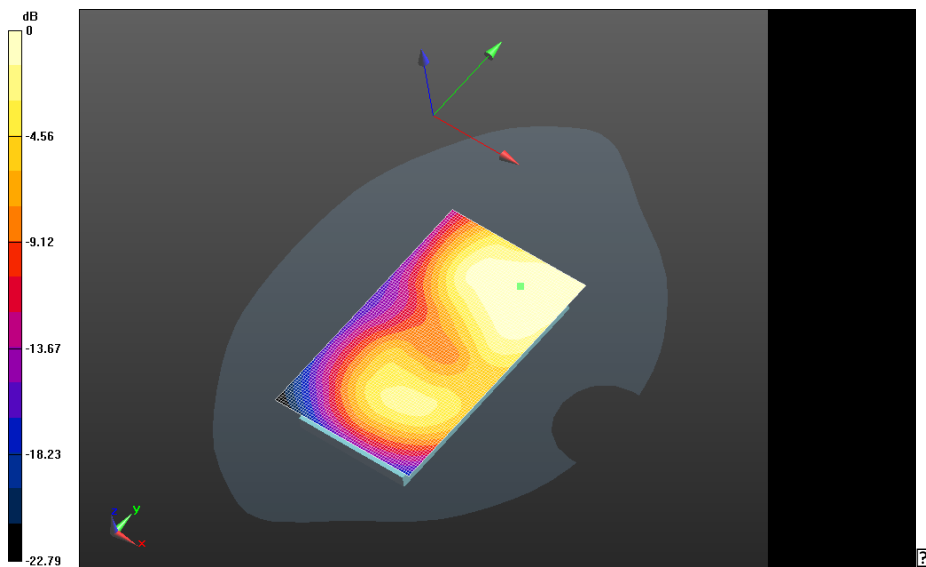
BC1_chan1175_amb_temp_23.1C_liq_temp_22.4C/Area Scan (61x101x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 10.554 V/m; **Power Drift = -0.051 dB**

Fast SAR: SAR(1g) = 0.718 W/kg; SAR(10g) = 0.448 W/kg

Maximum value of SAR (interpolated) = 0.858 W/kg

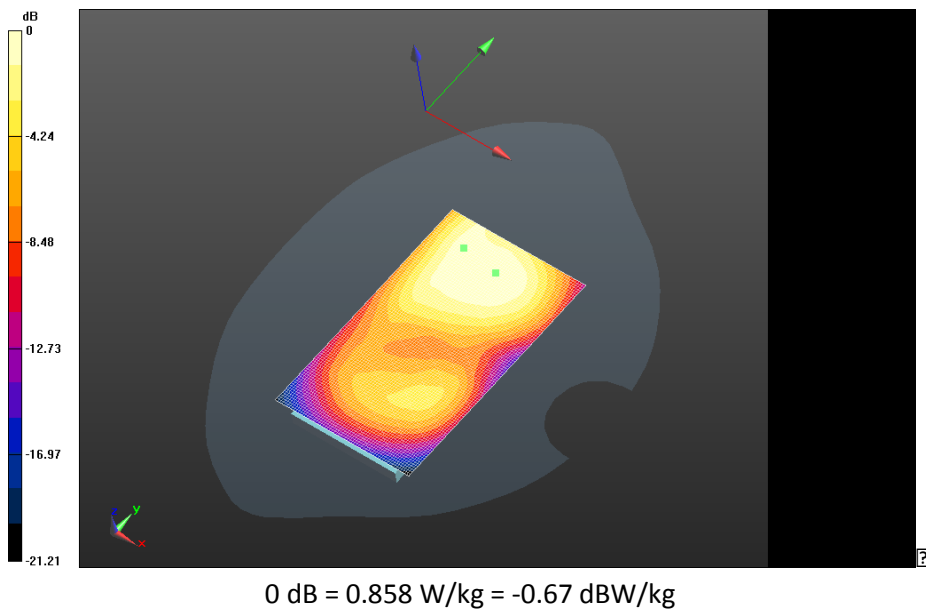


0 dB = 1.00 W/kg = 0.00 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 47(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900
BC1_chan25_amb_temp_23.4C_liq_temp 22.3C/Area Scan (61x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 16.063 V/m; **Power Drift = -0.070 dB**

Fast SAR: SAR(1g) = 1.09 W/kg; SAR(10g) = 0.677 W/kg
Maximum value of SAR (interpolated) = 1.29 W/kg



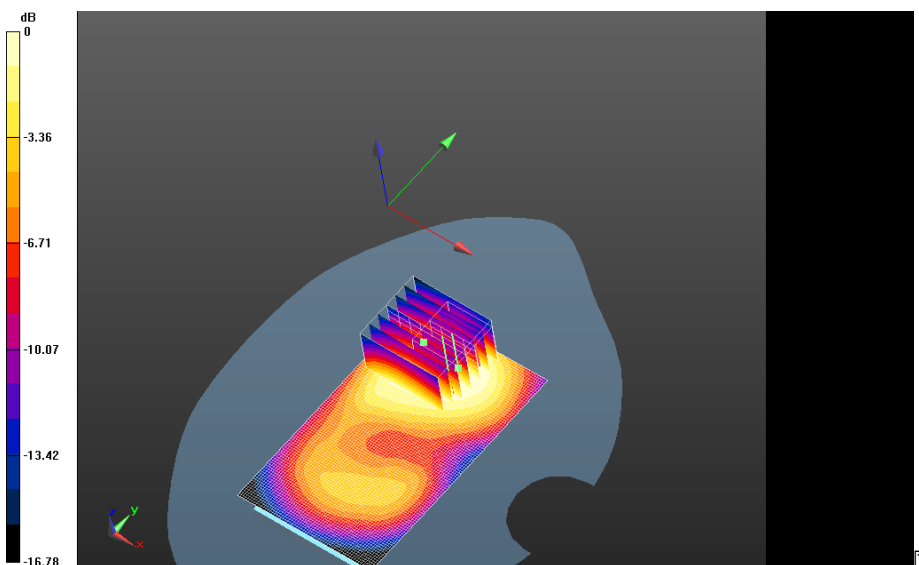
	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 48(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900
BC1_chan600_amb_temp_23.4C_liq_temp 22.3C/Area Scan (61x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 16.143 V/m; **Power Drift = -0.098 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900
BC1_chan600_amb_temp_23.4C_liq_temp 22.3C/Zoom Scan (21x21x36)/Cube 0: Interpolated
grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 16.143 V/m; **Power Drift = -0.098 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900
BC1_chan600_amb_temp_23.4C_liq_temp 22.3C/Zoom Scan 2 (36x31x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 16.143 V/m; **Power Drift = 0.384 dB**

Averaged SAR: SAR(1g) = 1.07 W/kg; SAR(10g) = 0.704 W/kg
Maximum value of SAR (interpolated) = 1.62 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

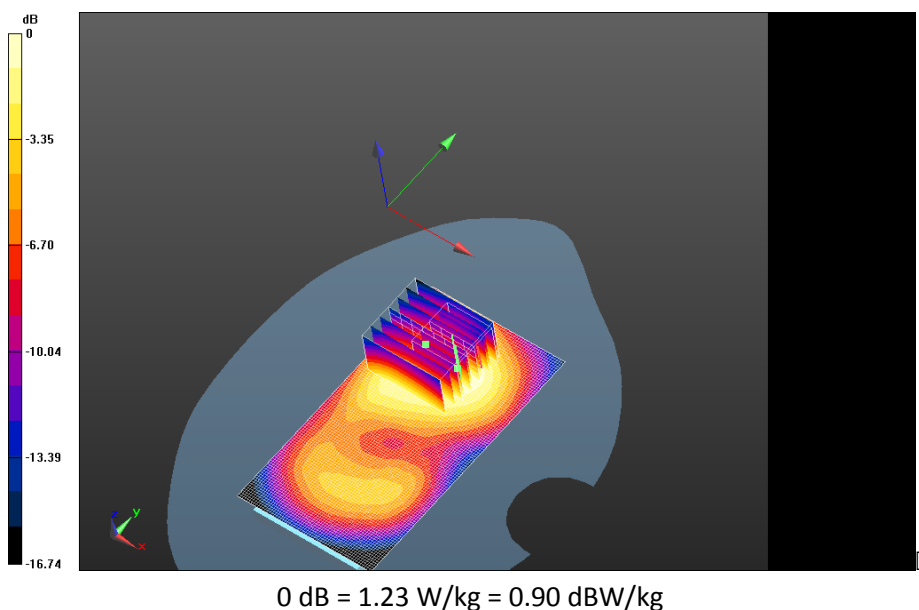
	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 49(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900 BC1_chan600_2nd Scan_amb_temp_23.4C_liq_temp 22.3C/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.244 V/m; **Power Drift = -0.00231 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900 BC1_chan600_2nd Scan_amb_temp_23.4C_liq_temp 22.3C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 15.244 V/m; **Power Drift = -0.00231 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900 BC1_chan600_2nd Scan_amb_temp_23.4C_liq_temp 22.3C/Zoom Scan 2 (36x31x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 15.244 V/m; **Power Drift = 0.084 dB**

Averaged SAR: SAR(1g) = 1.09 W/kg; SAR(10g) = 0.703 W/kg
Maximum value of SAR (interpolated) = 1.67 W/kg



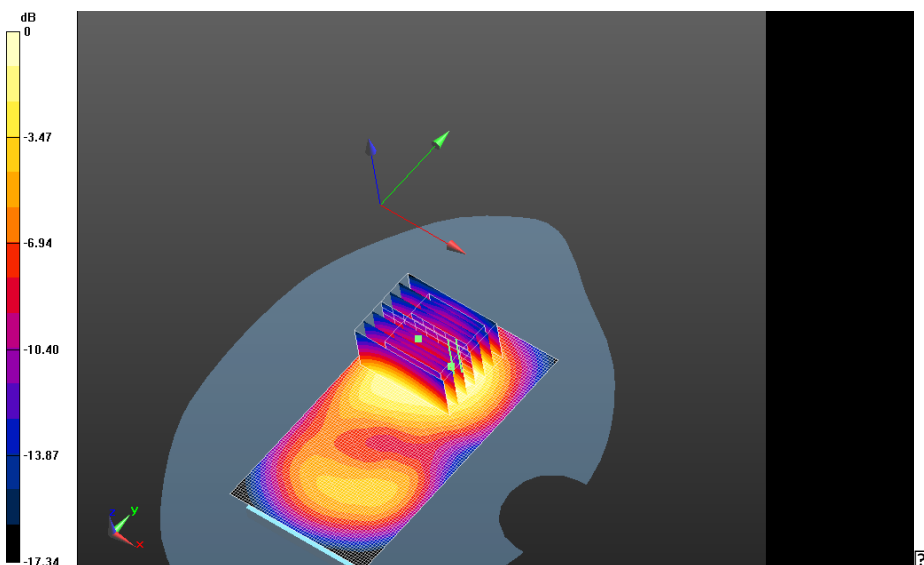
	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 50(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16, 2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900 BC1_chan1175_amb_temp_23.3C_liq_temp 22.3C/Area Scan (61x111x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 15.533 V/m; **Power Drift = -0.016 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900 BC1_chan1175_amb_temp_23.3C_liq_temp 22.3C/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 15.533 V/m; **Power Drift = -0.016 dB**

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Front - CDMA 1900 BC1_chan1175_amb_temp_23.3C_liq_temp 22.3C/Zoom Scan 2 (41x31x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 15.533 V/m; **Power Drift = 0.101 dB**

Averaged SAR: SAR(1g) = 1.08 W/kg; SAR(10g) = 0.697 W/kg
Maximum value of SAR (interpolated) = 1.66 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 51(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Left - CDMA 1900

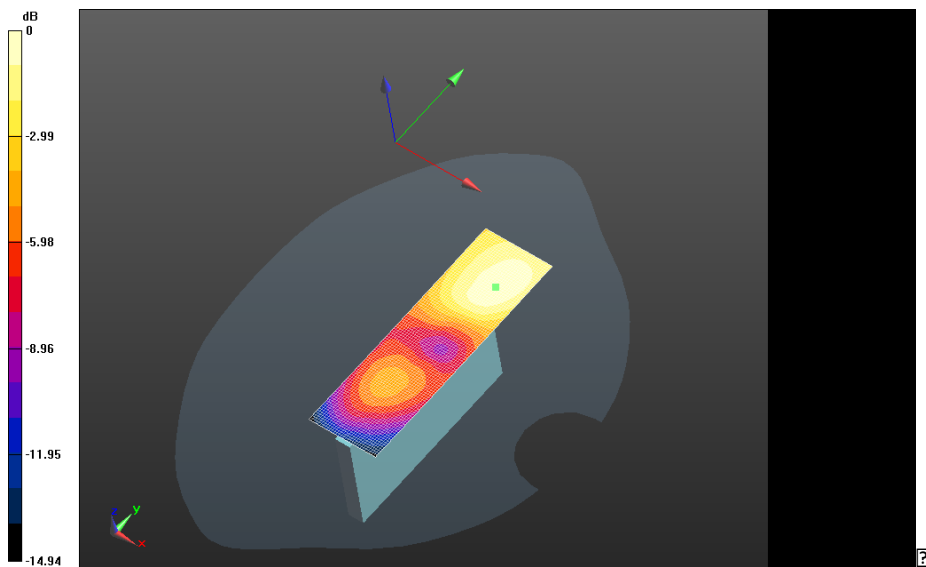
BC1_chan600_amb_temp_23.1C_liq_temp_22.3C/Area Scan (31x101x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 6.502 V/m; **Power Drift = -0.028 dB**

Fast SAR: SAR(1g) = 0.178 W/kg; SAR(10g) = 0.108 W/kg; Secondary SAR(1g) = 0.898 W/kg

Maximum value of SAR (interpolated) = 0.215 W/kg

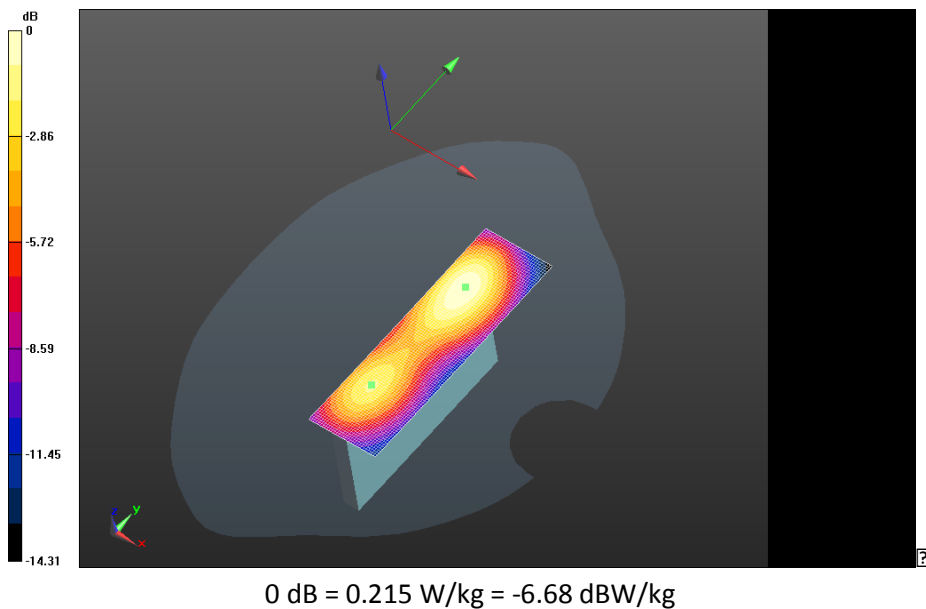


0 dB = 1.27 W/kg = 1.04 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 52(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Right - CDMA 1900 BC1_chan25_amb_temp_23.6C_liq_temp_22.3C/Area Scan (31x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 17.273 V/m; **Power Drift = 0.083 dB**

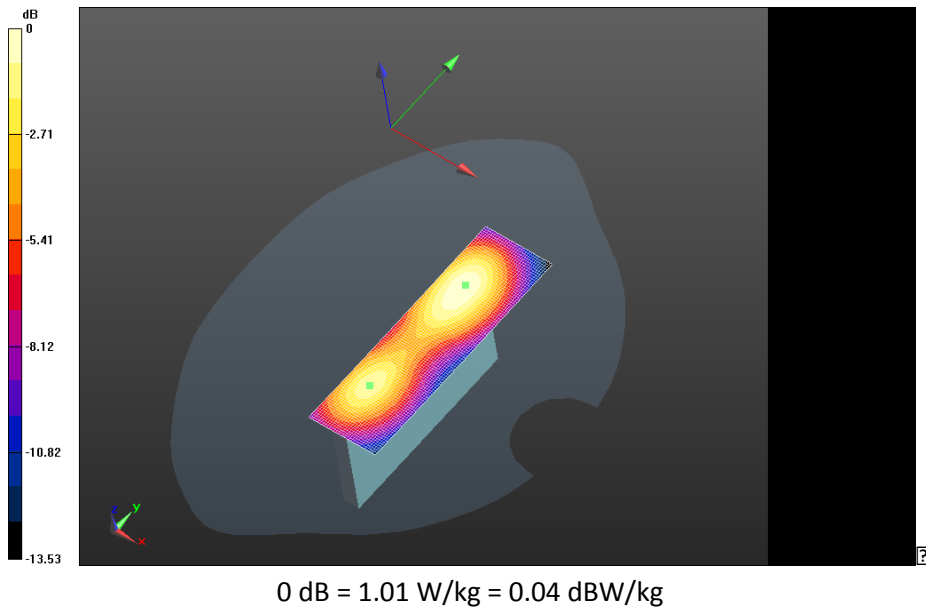
Fast SAR: SAR(1g) = 0.818 W/kg; SAR(10g) = 0.464 W/kg; Secondary SAR(1g) = 0.548 W/kg
Maximum value of SAR (interpolated) = 1.01 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 53(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Right - CDMA 1900 BC1_chan600_amb_temp_23.1C_liq_temp_22.3C/Area Scan (31x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 17.867 V/m; **Power Drift = -0.033 dB**

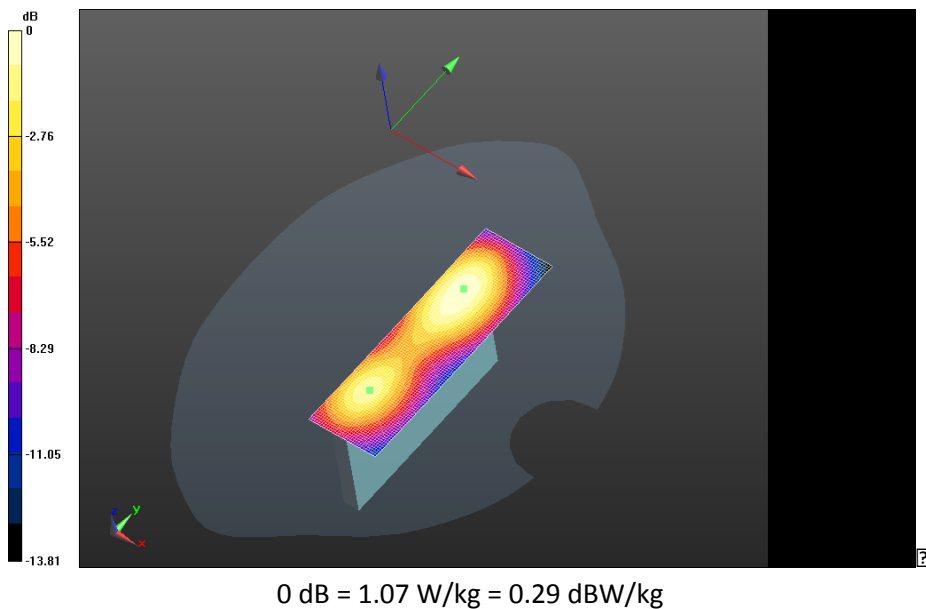
Fast SAR: SAR(1g) = 0.872 W/kg; SAR(10g) = 0.499 W/kg; Secondary SAR(1g) = 0.666 W/kg
Maximum value of SAR (interpolated) = 1.07 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 54(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Right - CDMA 1900 BC1_chan1175_amb_temp_23.1C_liq_temp_22.3C/Area Scan (31x101x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 16.734 V/m; **Power Drift = -0.098 dB**

Fast SAR: SAR(1g) = 0.786 W/kg; SAR(10g) = 0.452 W/kg; Secondary SAR(1g) = 0.598 W/kg
Maximum value of SAR (interpolated) = 0.959 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 55(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - CDMA 1900 BC1/10mm Device Bottom - CDMA 1900

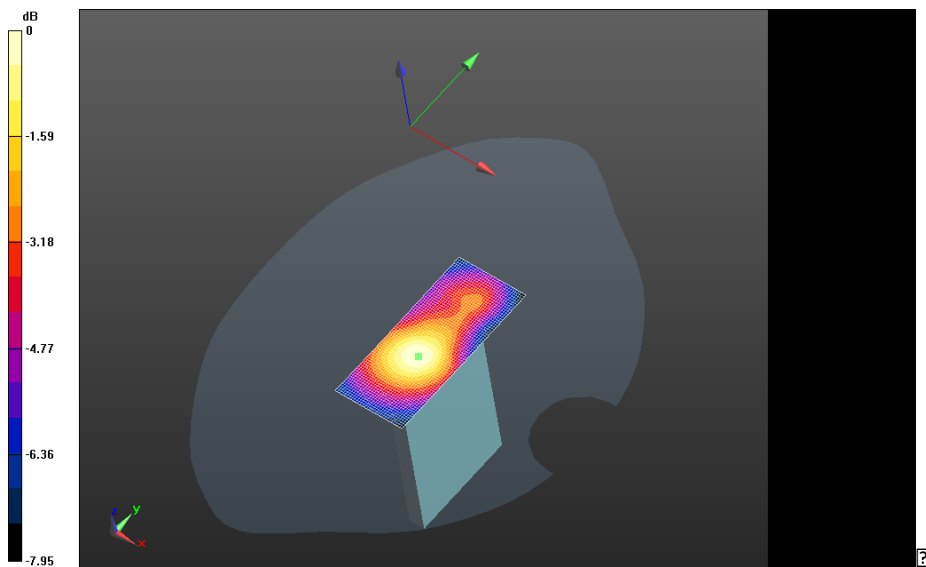
BC1_chan600_amb_temp_23.5C_liq_temp_22.2C/Area Scan (31x71x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 18.135 V/m; **Power Drift = -0.089 dB**

Fast SAR: SAR(1g) = 0.407 W/kg; SAR(10g) = 0.237 W/kg; Secondary SAR(1g) = 0.598 W/kg

Maximum value of SAR (interpolated) = 0.492 W/kg



0 dB = 0.959 W/kg = -0.18 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 56(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

802.11b (RGB141LW)

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 57(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Date: 7/25/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 303E76AA

Configuration: Mobile Hot Spot MSL - 802.11g

Communication System: 802.11 b (2450); Communication System Band: 802.11 b; Frequency: 2437 MHz

Medium Parameters used: $f=2437$ MHz; $\sigma = 2.022$ S/m; $\epsilon_r = 50.993$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (4.35,4.35,4.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Mobile Hot Spot MSL - 802.11g/10mm Device Back -

802.11g_chan6_amb_temp_23.0C_liq_temp_22.6C/Area Scan 2 (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Reference Value = 1.186 V/m; **Power Drift = 0.195 dB**

Mobile Hot Spot MSL - 802.11g/10mm Device Back -

802.11g_chan6_amb_temp_23.0C_liq_temp_22.6C/Zoom Scan (31x31x36)/Cube 0:

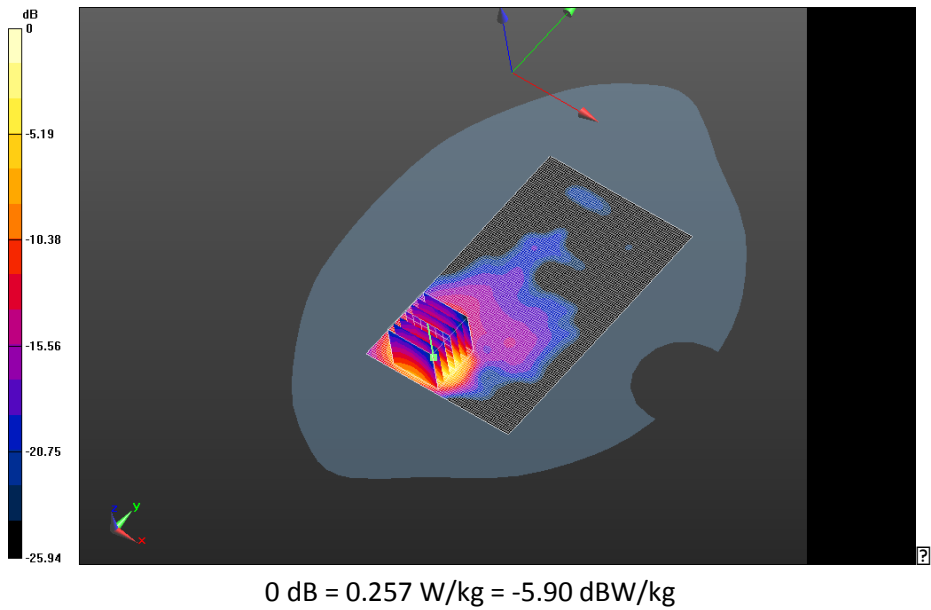
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 1.186 V/m; **Power Drift = 0.195 dB**

Averaged SAR: SAR(1g) = 0.190 W/kg; SAR(10g) = 0.0839 W/kg

Maximum value of SAR (interpolated) = 0.422 W/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 58(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 59(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16, 2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - 802.11g/10mm Device Front -

802.11g_chan6_amb_temp_23.2C_liq_temp_21.5C/Area Scan (81x131x1): Interpolated grid:

dx=1.200 mm, dy=1.200 mm

Reference Value = 1.407 V/m; **Power Drift = 0.429 dB**

Mobile Hot Spot MSL - 802.11g/10mm Device Front -

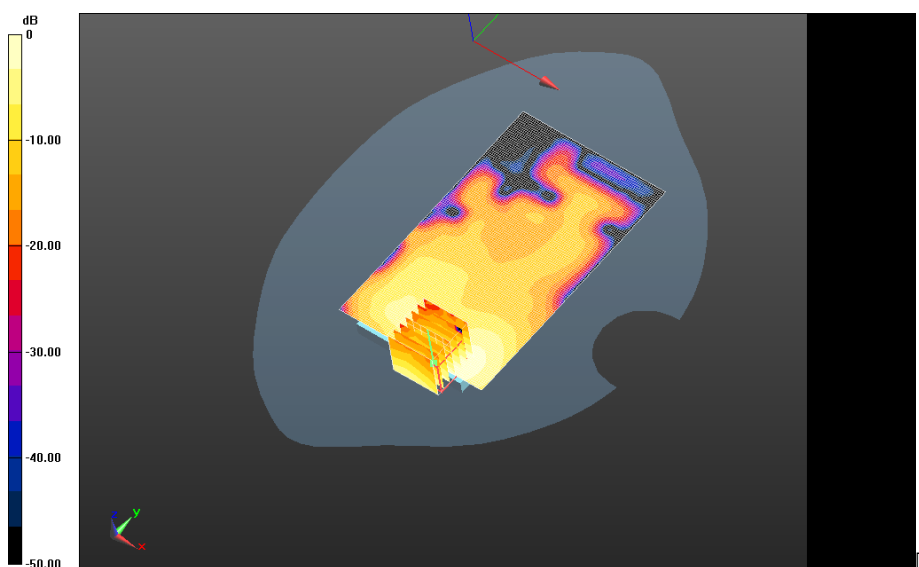
802.11g_chan6_amb_temp_23.2C_liq_temp_21.5C/Zoom Scan (31x31x36)/Cube 0:

Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 1.407 V/m; **Power Drift = 0.429 dB**

Averaged SAR: SAR(1g) = 0.0451 W/kg; SAR(10g) = 0.0232 W/kg

Maximum value of SAR (interpolated) = 0.0878 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 60(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - 802.11g/10mm Device Left -

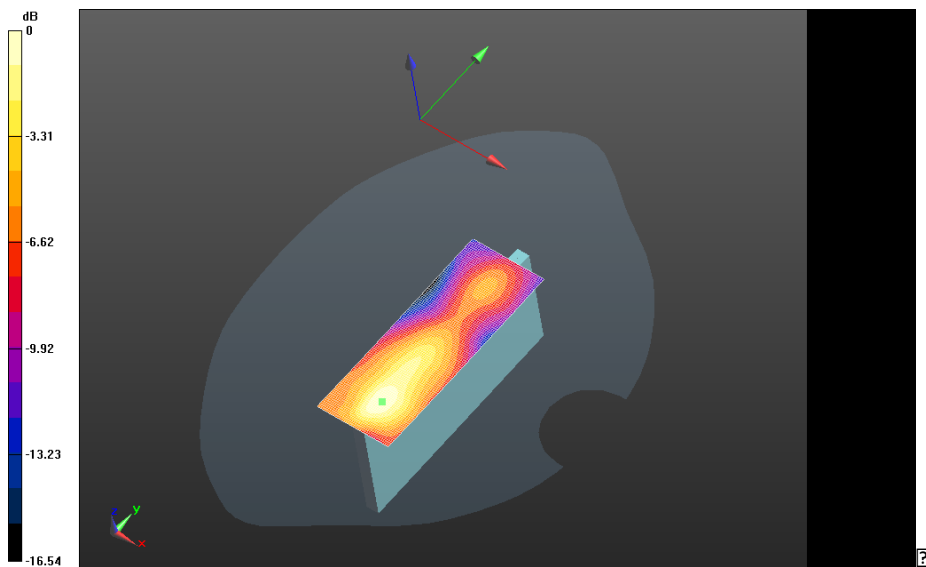
802.11g_chan6_amb_temp_23.0C_liq_temp_22.6C/Area Scan (41x111x1): Interpolated grid:

dx=1.200 mm, dy=1.200 mm

Reference Value = 2.789 V/m; **Power Drift = -0.00381 dB**

Fast SAR: SAR(1g) = 0.0286 W/kg; SAR(10g) = 0.0142 W/kg

Maximum value of SAR (interpolated) = 0.0375 W/kg

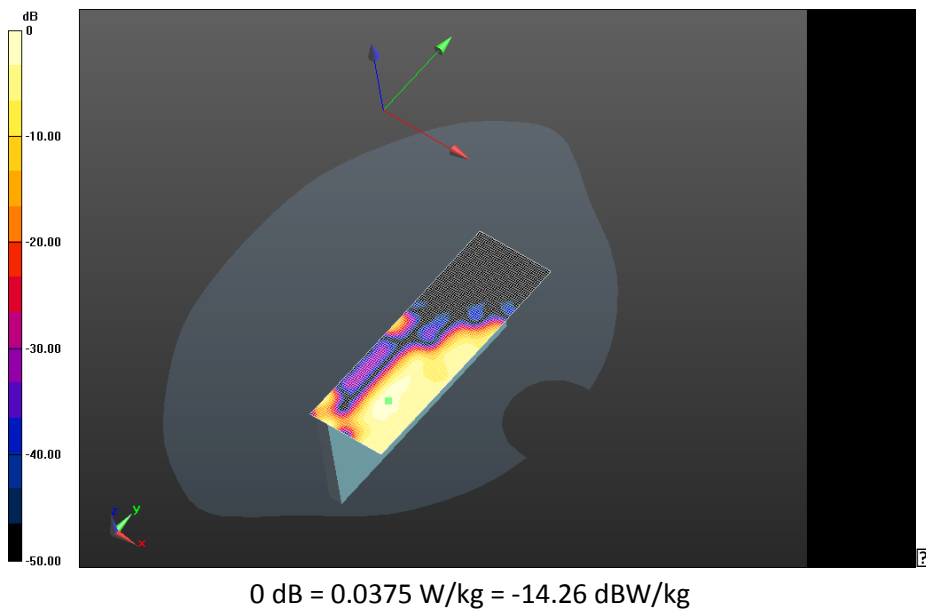


0 dB = 0.0572 W/kg = -12.43 dBW/kg

	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 61(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - 802.11g/10mm Device Right -
802.11g_chan6_amb_temp_22.7C_liq_temp_22.6C/Area Scan (41x121x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Reference Value = 0.394 V/m; **Power Drift = 0.382 dB**

Fast SAR: SAR(1g) = 0.00258 W/kg; SAR(10g) = 0.00113 W/kg
Maximum value of SAR (interpolated) = 0.00447 W/kg



	Document Appendix C2 for the BlackBerry® Smartphone Model RGB141LW SAR Report Rev 2			Page 62(62)
Author Data Andrew Becker	Dates of Test June 11 – August 16,2013	Test Report No RTS-6046-1308-39 Rev 2	FCC ID: L6ARGB140LW	IC

Mobile Hot Spot MSL - 802.11g/10mm Device Top -
802.11g_chan6_amb_temp_23.0C_liq_temp_22.6C/Area Scan (41x91x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Reference Value = 4.182 V/m; **Power Drift = 0.00828 dB**

Fast SAR: SAR(1g) = 0.0904 W/kg; SAR(10g) = 0.0444 W/kg
Maximum value of SAR (interpolated) = 0.118 W/kg

