## APPENDIX C: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

Date/Time: 5/27/2010 9:14:49 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_CDMA800_mid_chan_amb_temp_22.6C_liq_temp_21.6C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.947 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

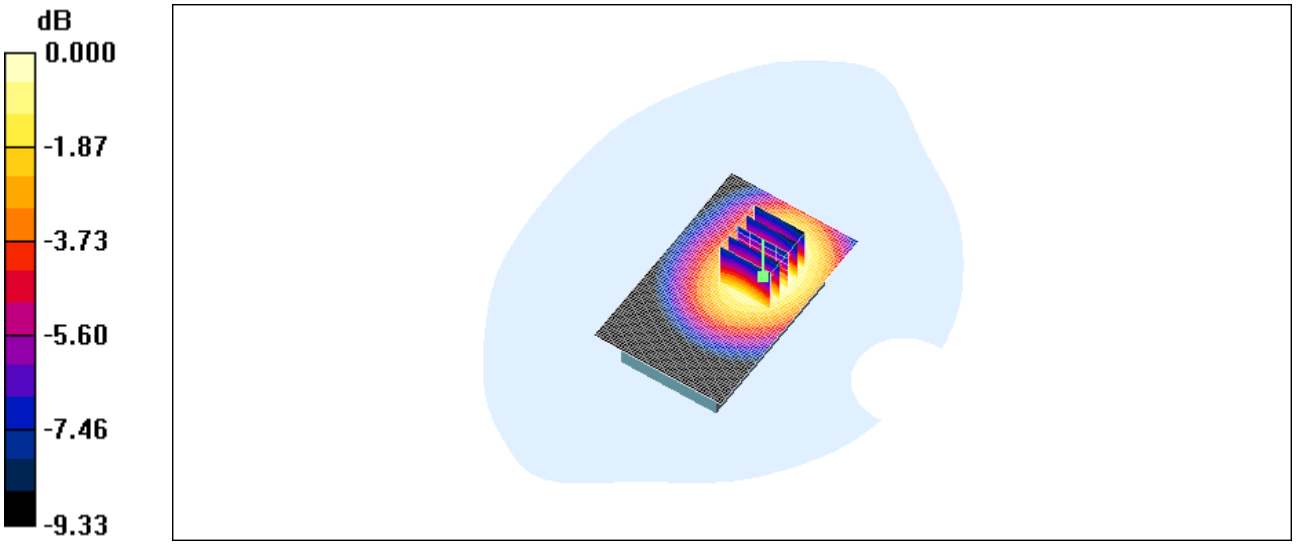
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.426 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.539 W/kg
**SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.283 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.427 mW/g




0 dB = 0.427mW/g

Date/Time: 6/28/2010 12:50:00 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_CDMA800_mid_chan_amb_temp_23.1C_liq_temp_22.7C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 322F4A5C**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.965 mho/m; $\varepsilon_r$ = 52.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

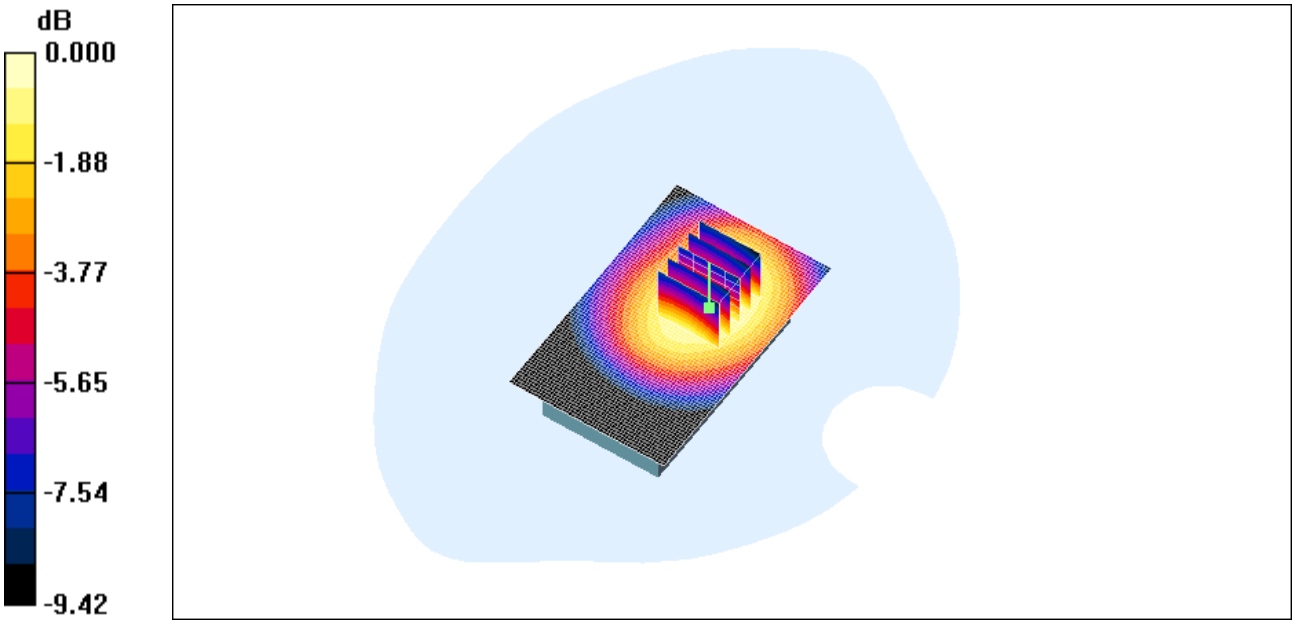
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.420 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.2 V/m; Power Drift = -0.149 dB
Peak SAR (extrapolated) = 0.527 W/kg
**SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.282 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.419 mW/g




0 dB = 0.419mW/g

Date/Time: 5/27/2010 9:33:15 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Front_CDMA800_mid_chan_amb_temp_22.6C_liq_temp_21.6C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.947 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.213 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.228 dB
Peak SAR (extrapolated) = 0.271 W/kg
**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.153 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.217 mW/g


0 dB = 0.217mW/g

Date/Time: 5/27/2010 9:54:30 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_HS#1_CDMA800_mid_chan_amb_temp_22.8C_liq_temp_21.8C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.947 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

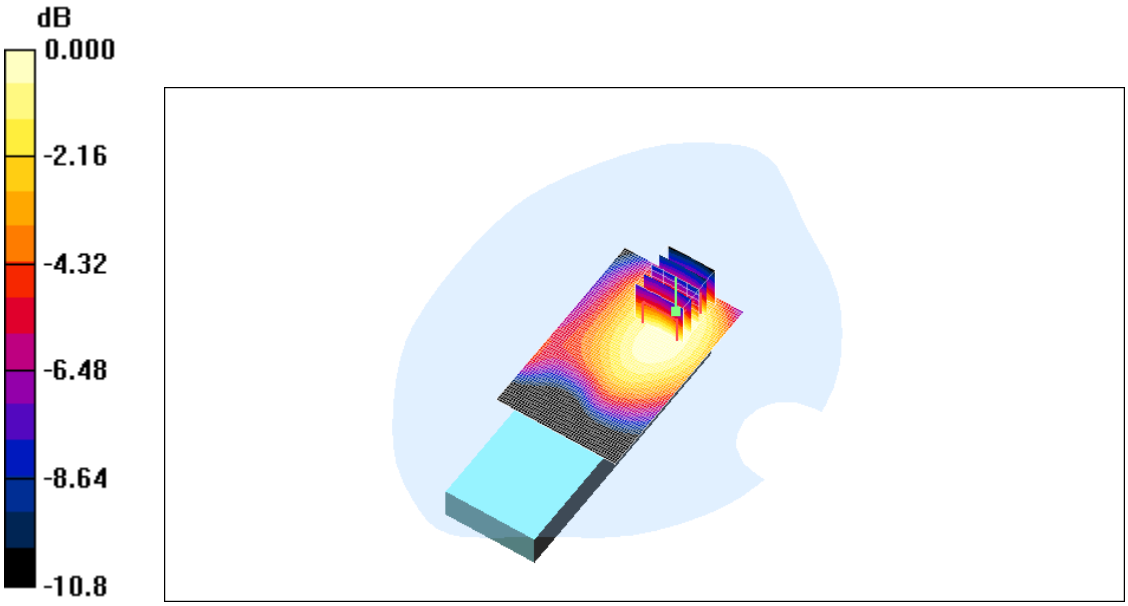
**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

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

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.484 W/kg
**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.236 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.355 mW/g




0 dB = 0.355mW/g

Date/Time: 5/27/2010 10:16:53 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_HS#2_CDMA800_mid_chan_amb_temp_22.3C_liq_temp_21.3C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.947 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

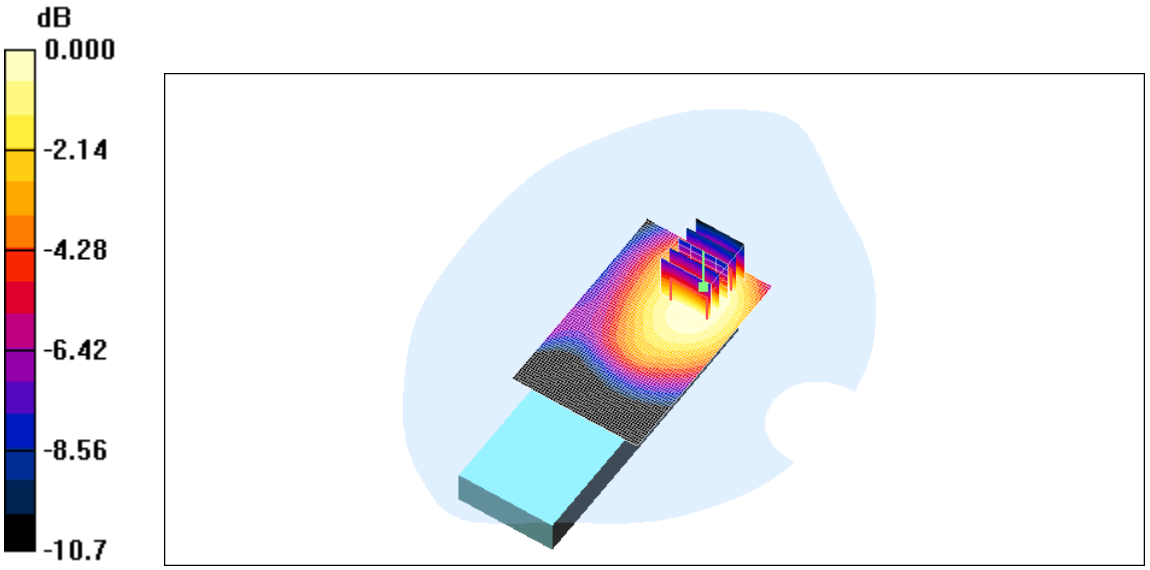
**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.392 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.6 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.494 W/kg
**SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.243 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.364 mW/g




0 dB = 0.364mW/g

Date/Time: 5/27/2010 10:52:20 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_HS#3_CDMA800_mid_chan_amb_temp_23.0C_liq_temp_22.0C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.947 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

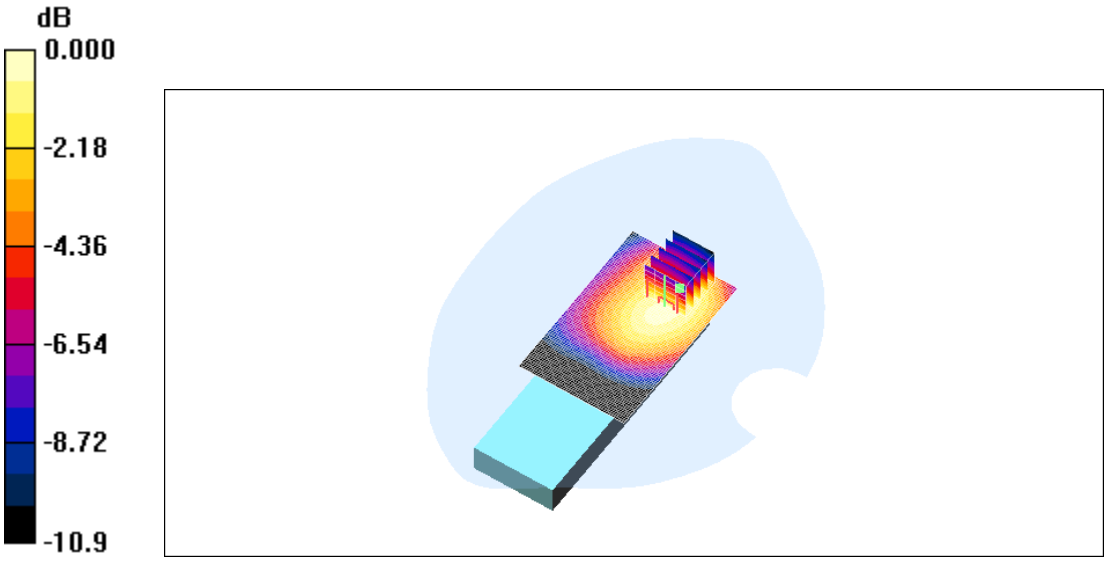
**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.376 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = 0.706 dB
Peak SAR (extrapolated) = 0.531 W/kg
**SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.260 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.405 mW/g




0 dB = 0.405mW/g

Date/Time: 5/27/2010 11:32:19 PM

Test Laboratory: RIM Testing Services
File Name:
25mm_Spacer_Back_CDMA800_mid_chan_amb_temp_22.5C_liq_temp_21.5C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.947 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

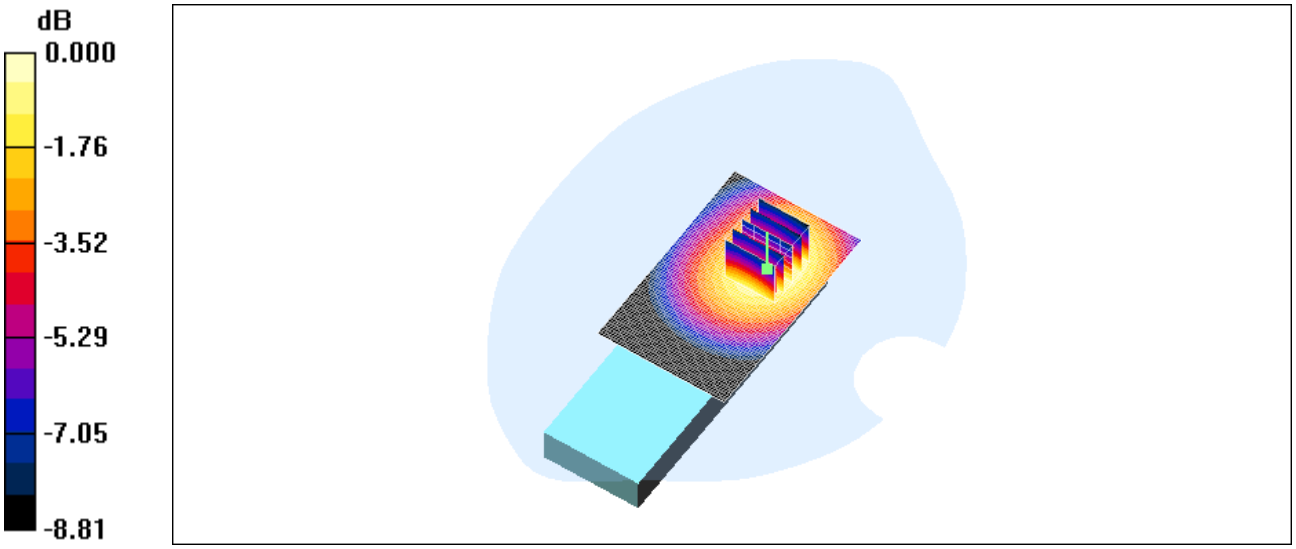
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.433 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = 0.225 dB
Peak SAR (extrapolated) = 0.573 W/kg
**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.311 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.457 mW/g




0 dB = 0.457mW/g

Date/Time: 6/28/2010 1:04:40 PM

Test Laboratory: RIM Testing Services
File Name:
25mm_Spacer_Back_CDMA800_mid_chan_amb_temp_23.0C_liq_temp_22.6C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 322F4A5C**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; $\sigma$ = 0.965 mho/m; $\varepsilon_r$ = 52.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

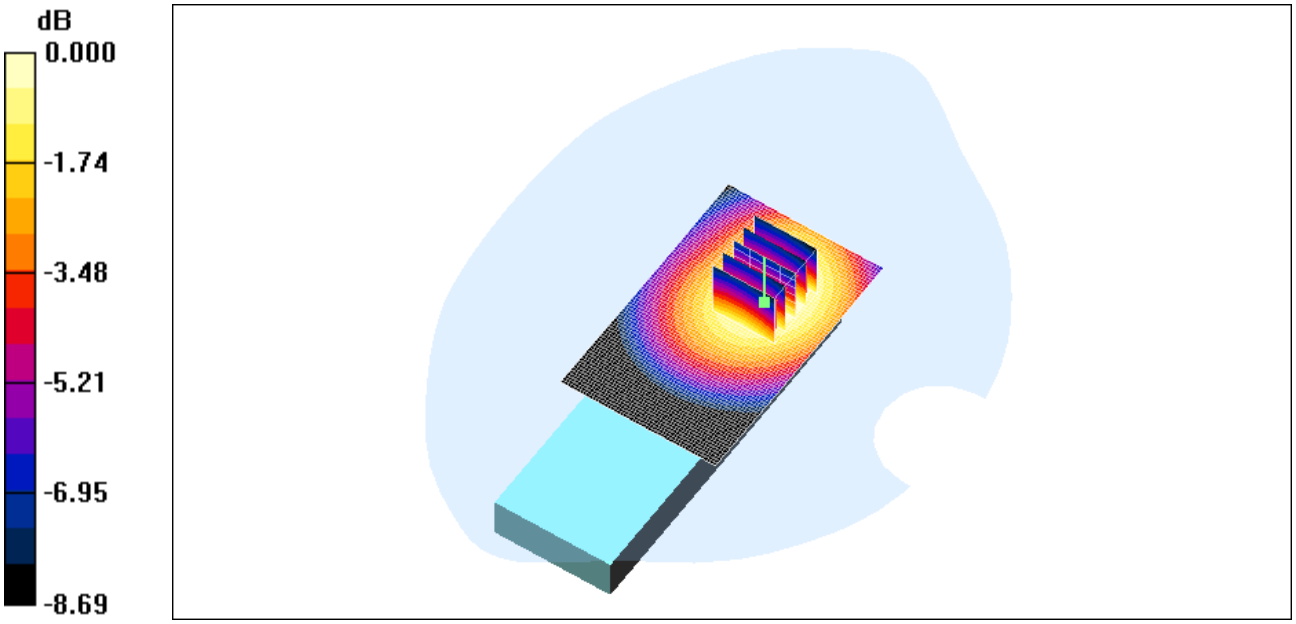
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.422 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.525 W/kg
**SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.286 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.413 mW/g




0 dB = 0.413mW/g

Date/Time: 6/1/2010 8:03:54 PM

Test Laboratory: RIM Testing Services

## Leather_Holster_Back_CDMA1900_mid_chan_amb_temp_22.7C_liq_temp_21.8C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**

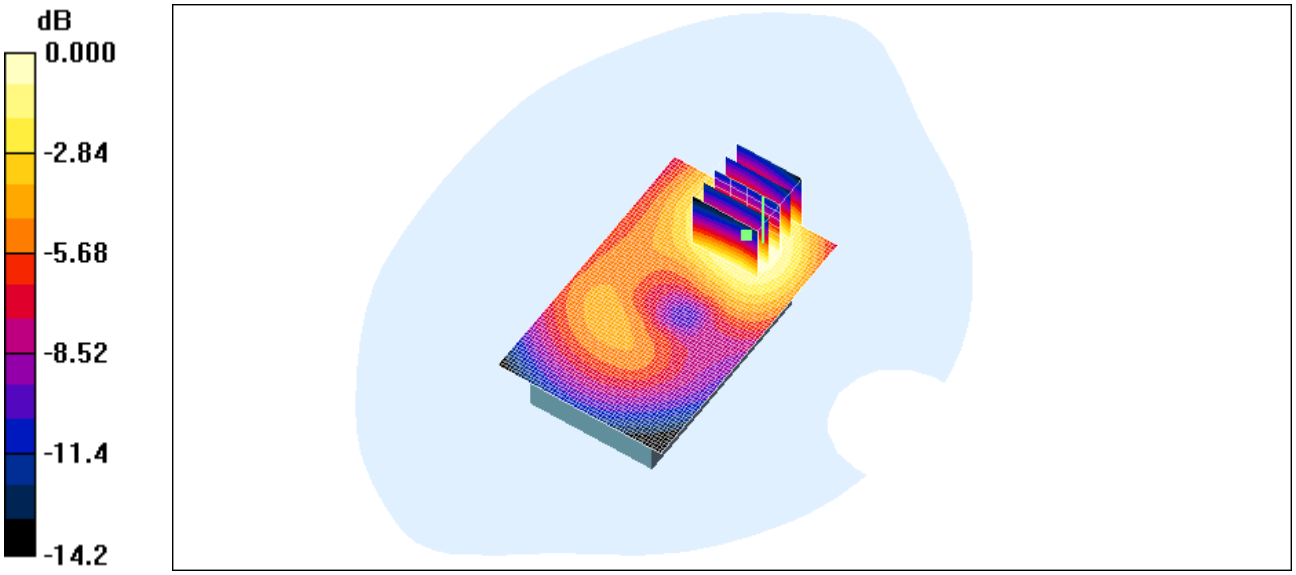
Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.395 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.83 V/m; Power Drift = 0.073 dB
Peak SAR (extrapolated) = 0.552 W/kg
**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.232 mW/g**
Maximum value of SAR (measured) = 0.384 mW/g




0 dB = 0.384mW/g

Date/Time: 6/28/2010 4:59:35 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_CDMA1900_mid_chan_amb_temp_23.4C_liq_temp_22.7C.da4

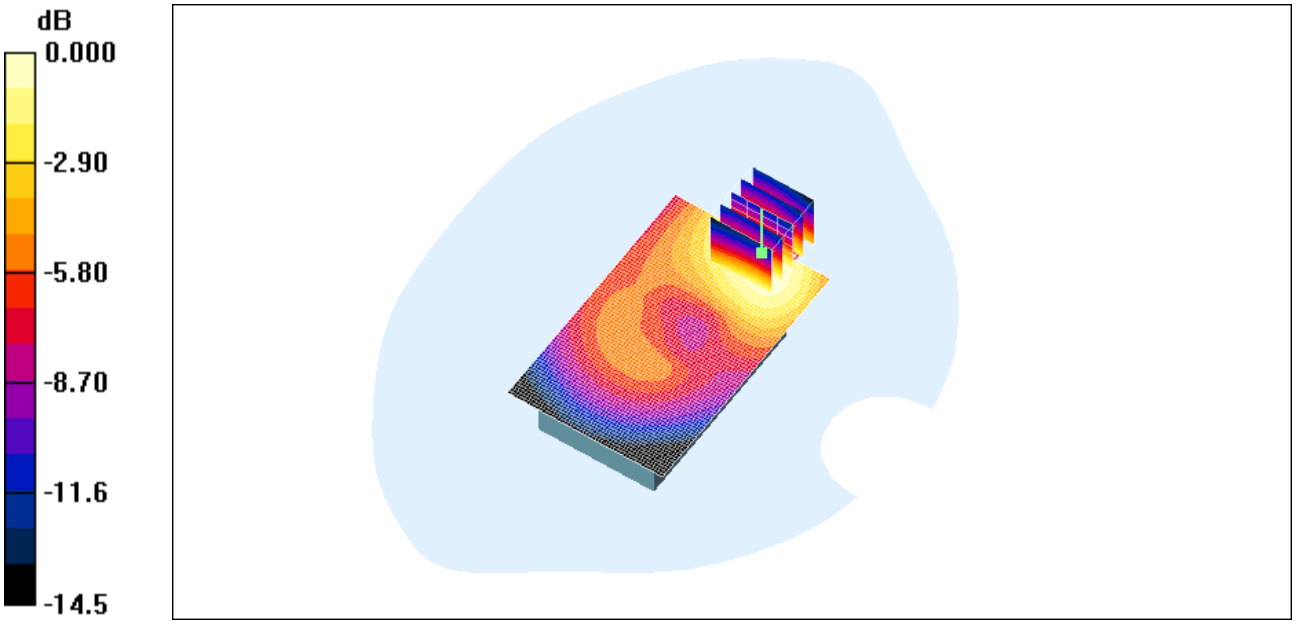
**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 322F4A5C**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.55 mho/m; $\varepsilon_r$ = 51.4; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.354 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.80 V/m; Power Drift = 0.359 dB
Peak SAR (extrapolated) = 0.497 W/kg
**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.208 mW/g**
Maximum value of SAR (measured) = 0.357 mW/g




0 dB = 0.357mW/g

Date/Time: 6/1/2010 8:49:09 PM

Test Laboratory: RIM Testing Services

## Leather_Holster_Front_CDMA1900_mid_chan_amb_temp_22.5C_liq_temp_21.6C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**

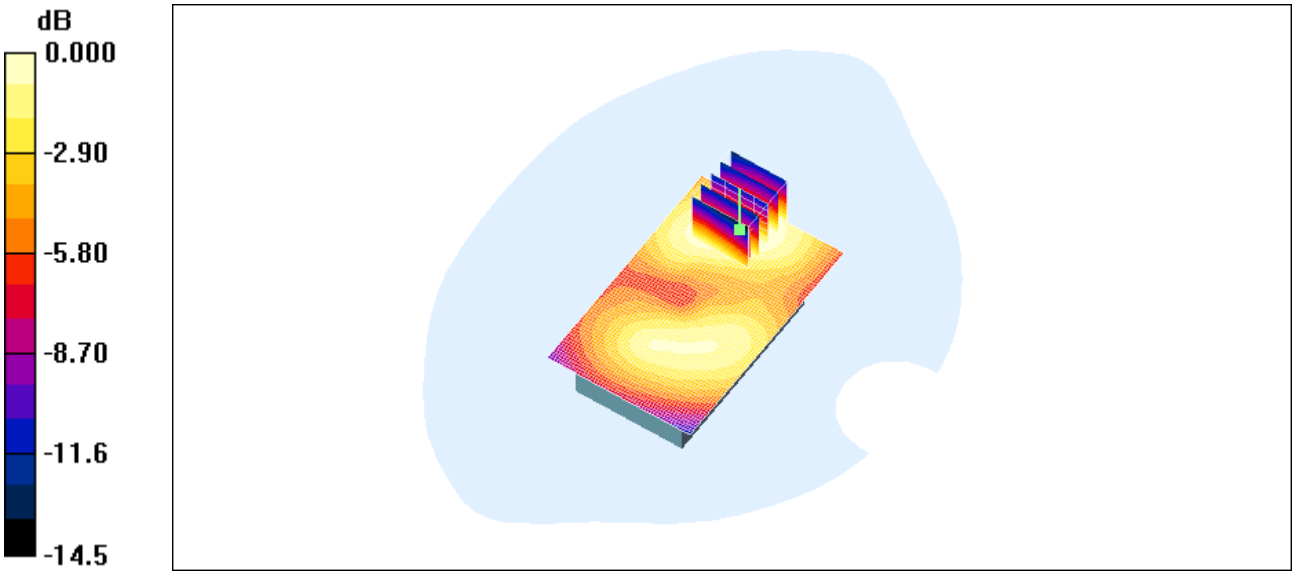
Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.166 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.79 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.230 W/kg
**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.100 mW/g**
Maximum value of SAR (measured) = 0.167 mW/g




0 dB = 0.167mW/g

Date/Time: 6/1/2010 9:04:43 PM

Test Laboratory: RIM Testing Services

## Leather_Holster_Back_HS#1_CDMA1900_mid_chan_amb_temp_22.4C _liq_temp_21.5C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**

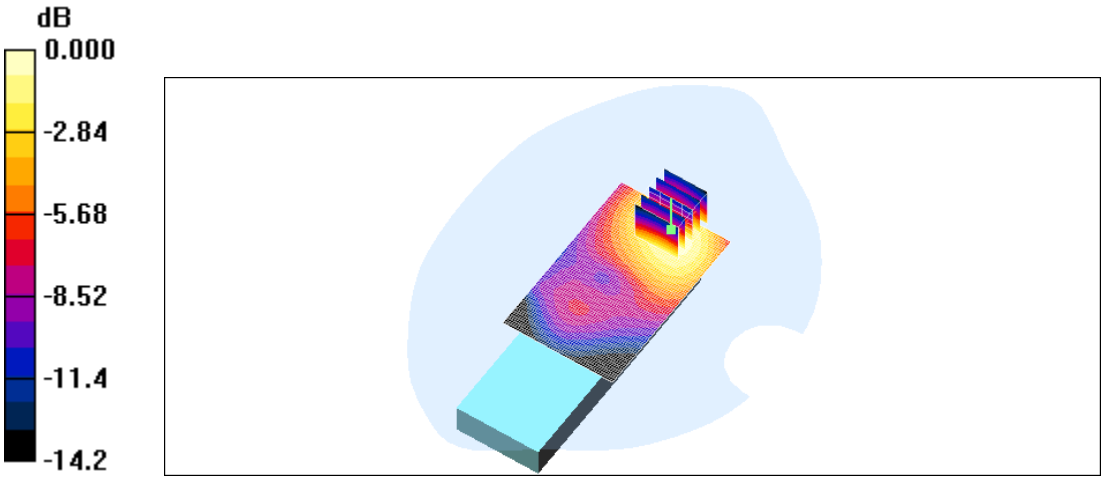
Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.393 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.07 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.565 W/kg
**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.239 mW/g**
Maximum value of SAR (measured) = 0.406 mW/g




0 dB = 0.406mW/g

Date/Time: 6/1/2010 9:20:36 PM

Test Laboratory: RIM Testing Services

## Leather_Holster_Back_HS#2_CDMA1900_mid_chan_amb_temp_22.3C _liq_temp_21.4C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**

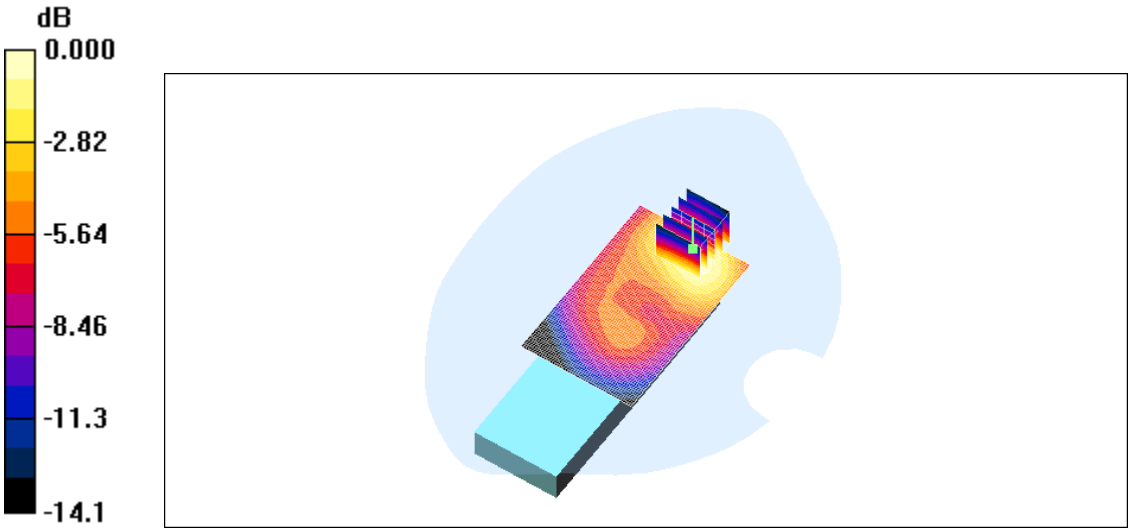
Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.422 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.86 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.591 W/kg
**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.256 mW/g**
Maximum value of SAR (measured) = 0.428 mW/g




0 dB = 0.428mW/g

Date/Time: 6/28/2010 5:18:35 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_HS#2_CDMA1900_mid_chan_amb_temp_22.3C_liq_temp_21.4C.da4

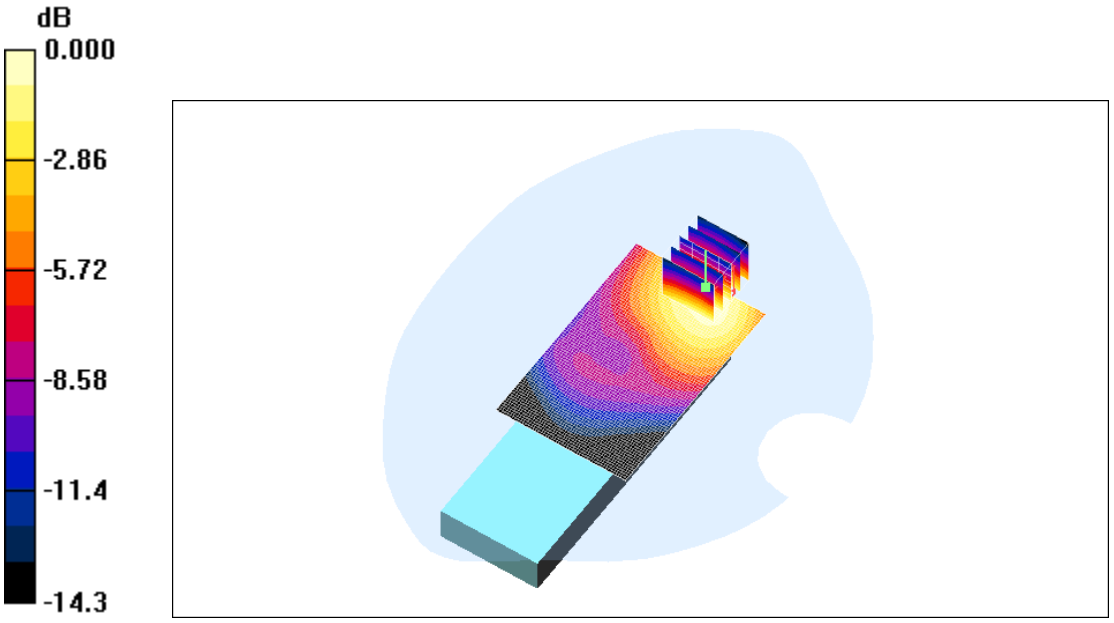
**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 322F4A5C**
**Program Name: Compliance Testing: (Body worn)**

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.55 mho/m; $\varepsilon_r$ = 51.4; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.385 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.35 V/m; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 0.536 W/kg
**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.231 mW/g**
Maximum value of SAR (measured) = 0.396 mW/g




0 dB = 0.396mW/g

Date/Time: 6/1/2010 9:34:46 PM

Test Laboratory: RIM Testing Services

## Leather_Holster_Back_HS#3_CDMA1900_mid_chan_amb_temp_22.2C _liq_temp_21.3C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**

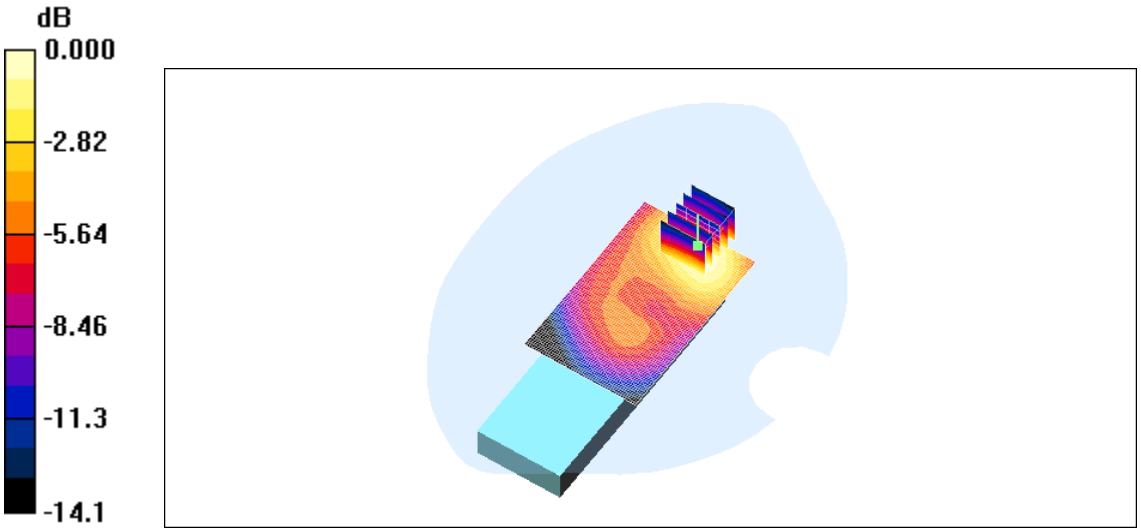
Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.368 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.69 V/m; Power Drift = 0.200 dB
Peak SAR (extrapolated) = 0.539 W/kg
**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.228 mW/g**
Maximum value of SAR (measured) = 0.392 mW/g




0 dB = 0.392mW/g

Date/Time: 6/1/2010 9:49:53 PM

Test Laboratory: RIM Testing Services

## 25mm_Spacer_Back_CDMA1900_mid_chan_amb_temp_22.2C_liq_temp_21.3C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**

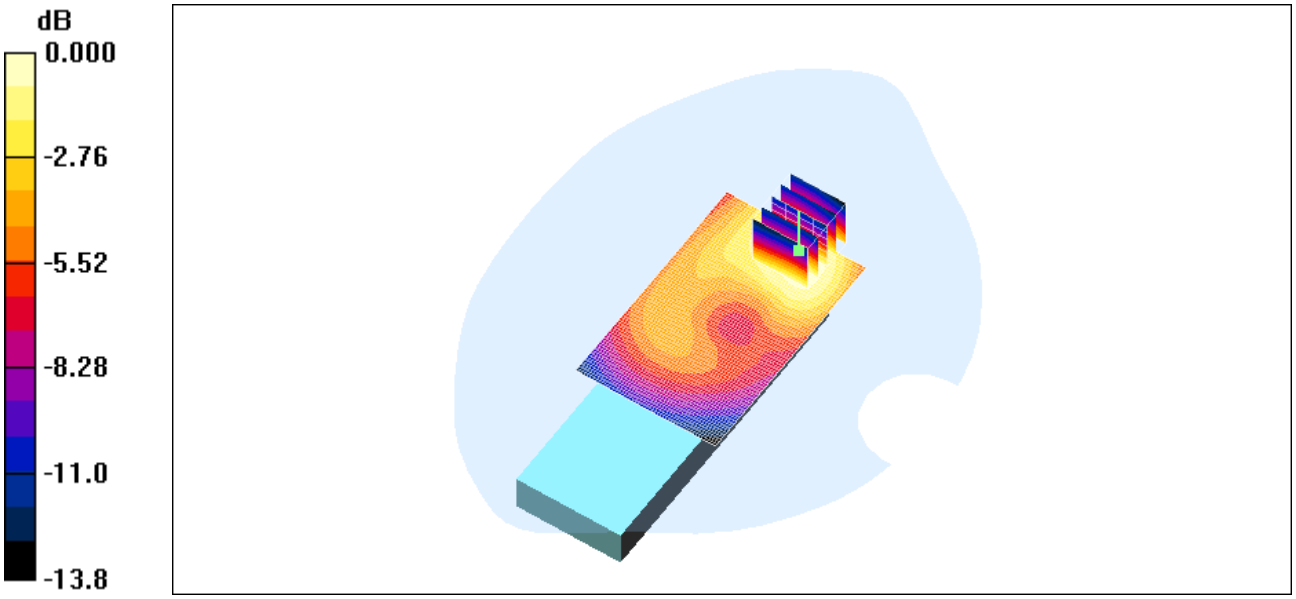
Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 54.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.9, 4.9, 4.9); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.260 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.22 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 0.371 W/kg
**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.159 mW/g**
Maximum value of SAR (measured) = 0.267 mW/g




0 dB = 0.267mW/g

Date/Time: 5/26/2010 7:23:14 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_802.11b_low_chan_amb_temp_23.2C_liq_temp_21.9C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

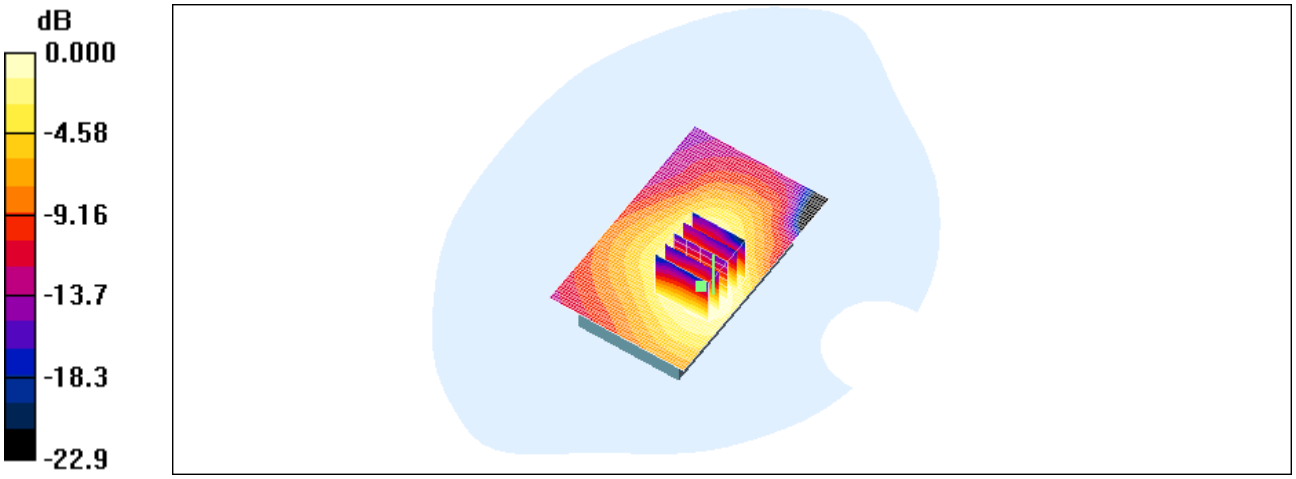
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.095 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.91 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.156 W/kg
**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.050 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.093 mW/g




0 dB = 0.093mW/g

Date/Time: 5/26/2010 7:39:05 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_802.11b_mid_chan_amb_temp_22.5C_liq_temp_21.2C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.93 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

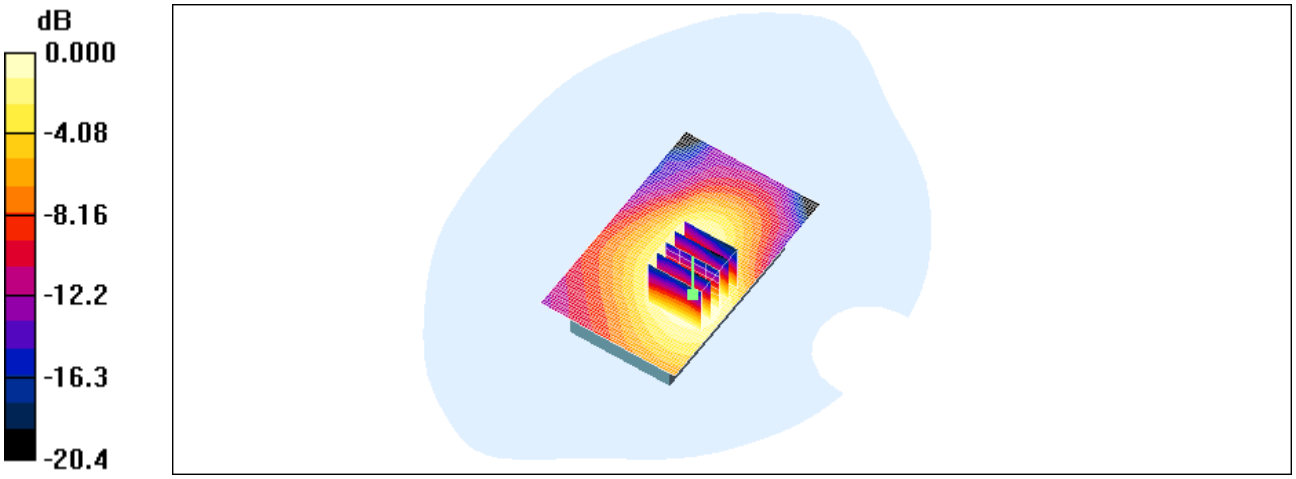
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.095 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.23 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 0.153 W/kg
**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.048 mW/g**

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




0 dB = 0.087mW/g

Date/Time: 5/26/2010 7:55:17 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_802.11b_high_chan_amb_temp_22.9C_liq_temp_21.6C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; $\sigma$ = 1.98 mho/m; $\varepsilon_r$ = 51.2; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

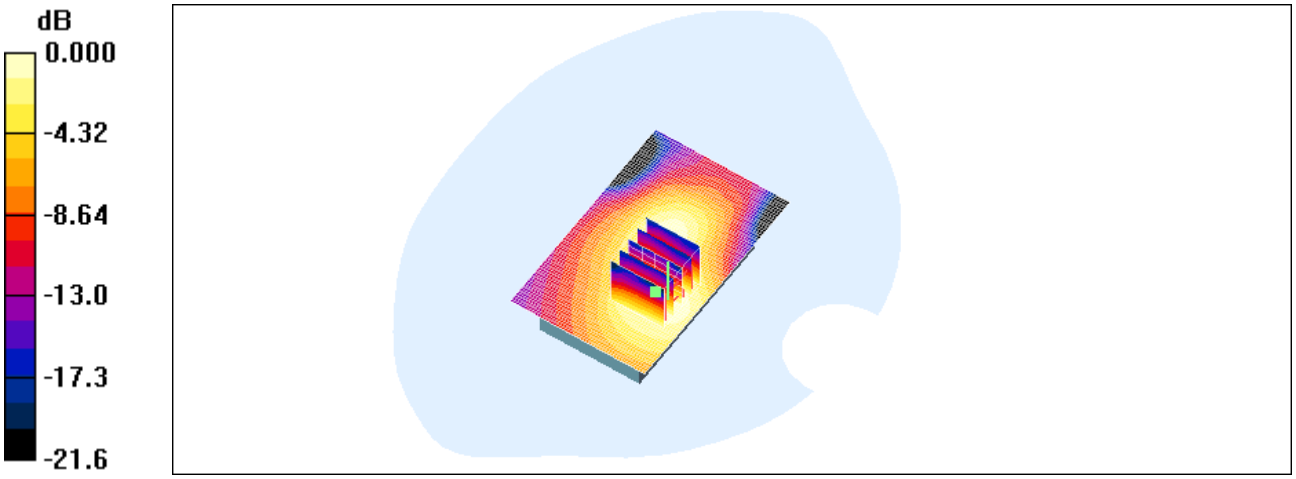
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.084 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.06 V/m; Power Drift = 0.280 dB
Peak SAR (extrapolated) = 0.142 W/kg
**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.045 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.084 mW/g




0 dB = 0.084mW/g

Date/Time: 5/26/2010 8:28:26 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Front_802.11b_low_chan_amb_temp_23.3C_liq_temp_22.0C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

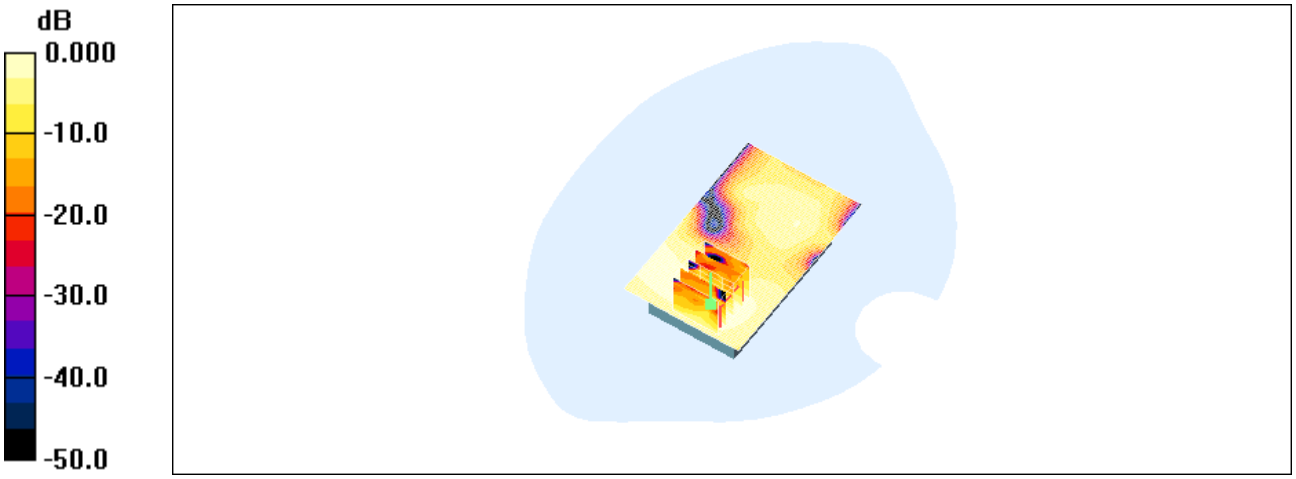
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.010 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.12 V/m; Power Drift = 0.171 dB
Peak SAR (extrapolated) = 0.016 W/kg
**SAR(1 g) = 0.00956 mW/g; SAR(10 g) = 0.00477 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.011 mW/g




0 dB = 0.011mW/g

Date/Time: 5/26/2010 8:47:38 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_HS#1_802.11b_low_chan_amb_temp_23.2C_liq_temp_21.9C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

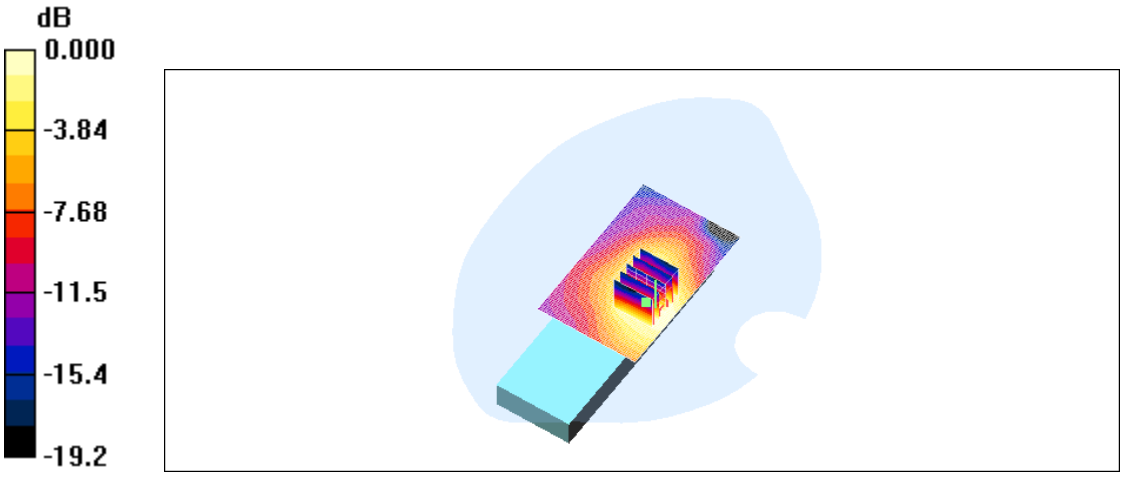
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.083 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.25 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 0.136 W/kg
**SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.044 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.081 mW/g




0 dB = 0.081mW/g

Date/Time: 5/26/2010 9:05:07 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_HS#2_802.11b_low_chan_amb_temp_22.6C_liq_temp_21.3C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

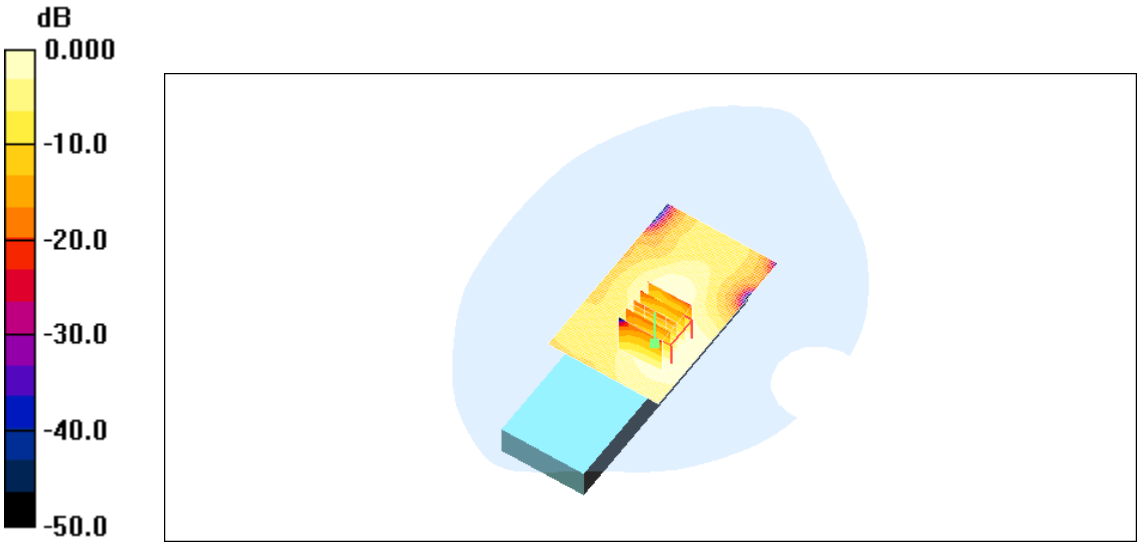
**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.074 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.69 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.122 W/kg
**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.036 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.071 mW/g




0 dB = 0.071mW/g

Date/Time: 5/26/2010 9:20:11 PM

Test Laboratory: RIM Testing Services
File Name:
Leather_Holster_Back_HS#3_802.11b_low_chan_amb_temp_23.3C_liq_temp_22.0C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2412 MHz; $\sigma$ = 1.96 mho/m; $\varepsilon_r$ = 51.5; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

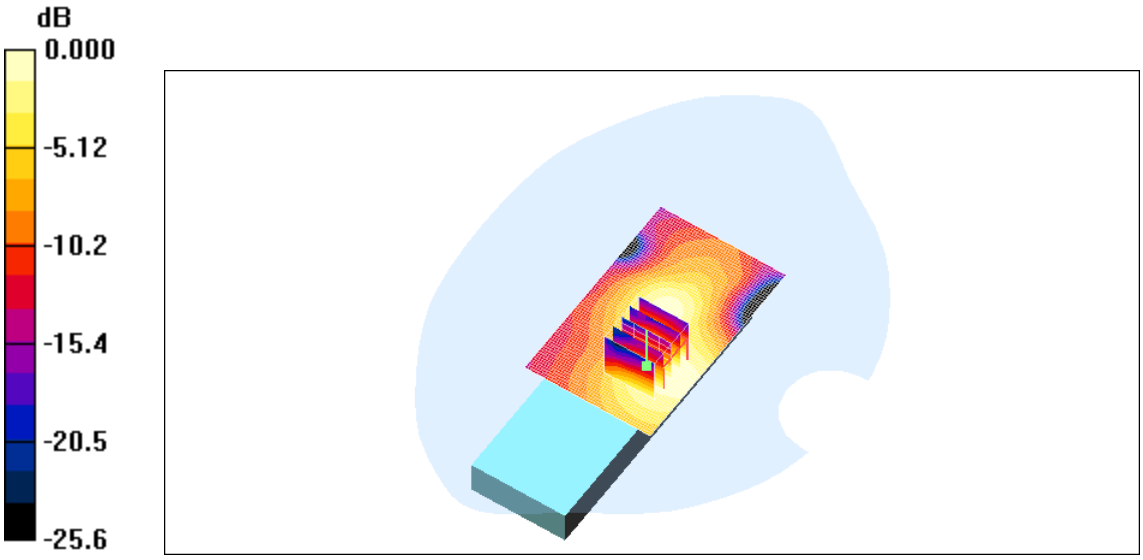
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.069 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.62 V/m; Power Drift = 0.246 dB
Peak SAR (extrapolated) = 0.120 W/kg
**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.036 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.071 mW/g




0 dB = 0.071mW/g

Date/Time: 5/26/2010 9:38:34 PM

Test Laboratory: RIM Testing Services
File Name:
25mm_Spacer_Back_802.11b_low_chan_amb_temp_23.4C_liq_temp_22.1C.da4

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 321D4094**
**Program Name: Compliance Testing: (Body worn)**

Communication System: 802.11 b (2450); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; $\sigma$ = 1.93 mho/m; $\varepsilon_r$ = 51.4; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section

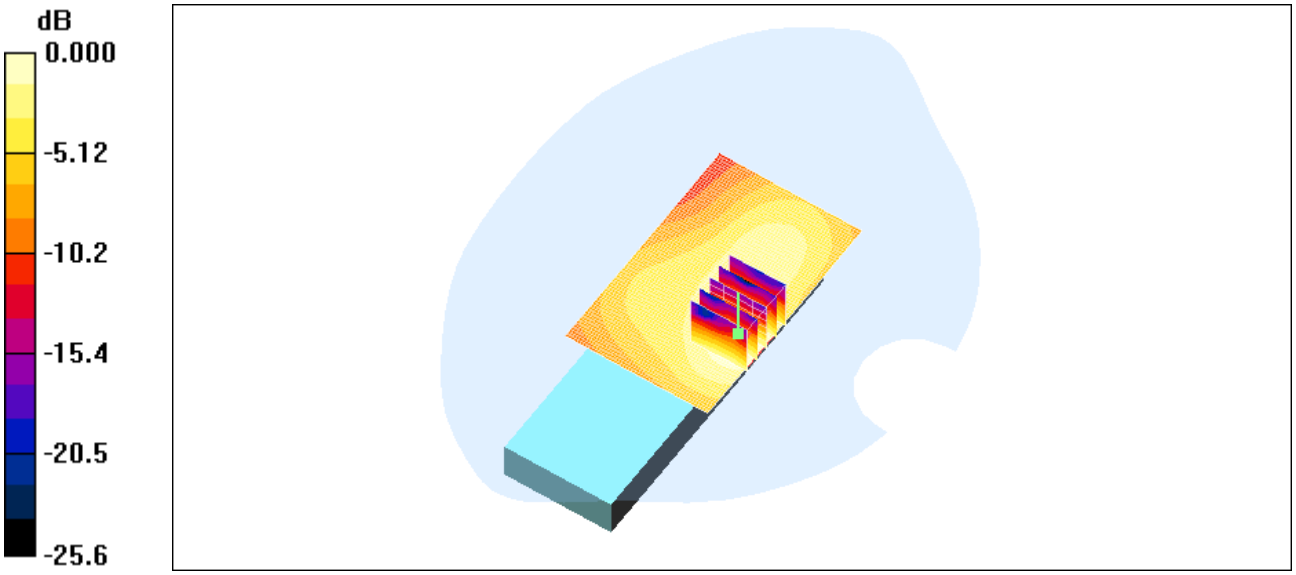
DASY4 Configuration:
- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

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

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.78 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.080 W/kg
**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.024 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.047 mW/g




0 dB = 0.047mW/g

Date/Time: 5/20/2010 12:22:02 PM

Test Laboratory: RIM Testing Services

## Leather_Holster_Back_Bluetooth_mid_chan_amb_temp_22.6C_liq_temp_22.0C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 316F0C87**

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; $\sigma$ = 2.01 mho/m; $\varepsilon_r$ = 50.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

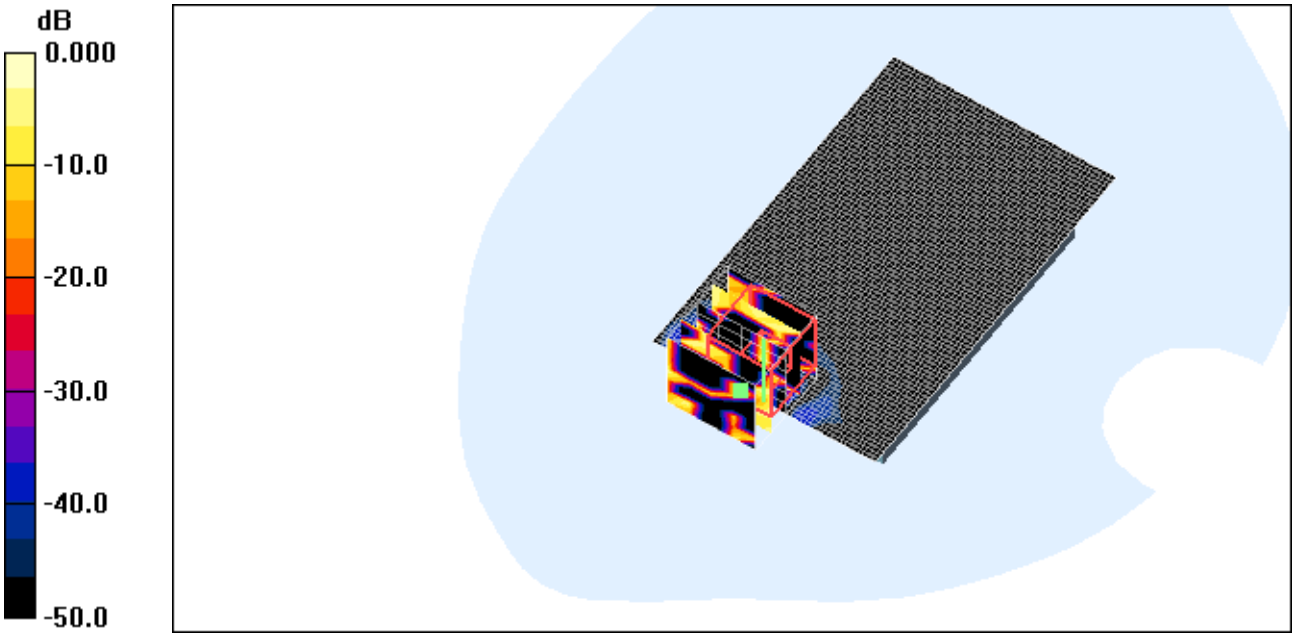
**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.001 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.20 V/m; Power Drift = 1.01 dB
Peak SAR (extrapolated) = 0.001 W/kg
**SAR(1 g) = 3.18e-005 mW/g; SAR(10 g) = 3.28e-006 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.001 mW/g




0 dB = 0.001mW/g

Date/Time: 5/20/2010 1:07:30 PM

Test Laboratory: RIM Testing Services

## Leather_Holster_Front_Bluetooth_mid_chan_amb_temp_22.8C_liq_temp_22.1C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 316F0C87**

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; $\sigma$ = 2.01 mho/m; $\varepsilon_r$ = 50.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

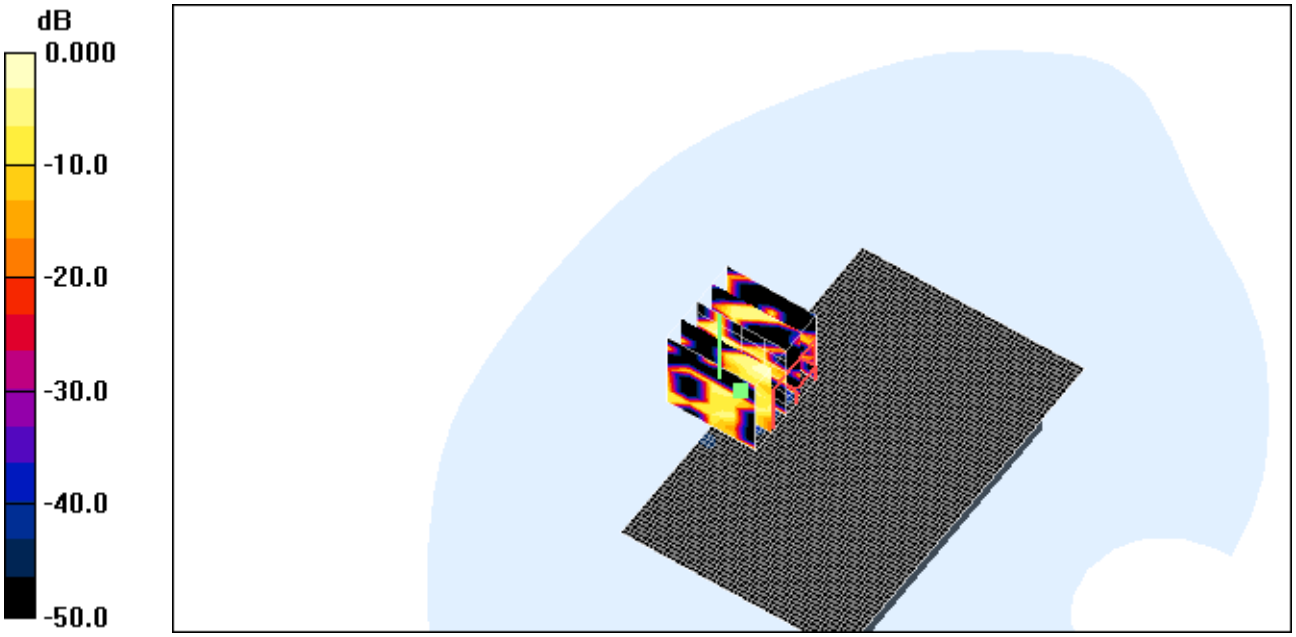
**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.000 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.534 V/m; Power Drift = 1.38 dB
Peak SAR (extrapolated) = 0.000 W/kg
**SAR(1 g) = 1.2e-007 mW/g; SAR(10 g) = 1.19e-008 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.001 mW/g




0 dB = 0.001mW/g

Date/Time: 5/20/2010 1:25:14 PM

Test Laboratory: RIM Testing Services

## 25mm_Spacer_Back_Bluetooth_mid_chan_amb_temp_22.9C_liq_temp_22.0C

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 316F0C87**

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; $\sigma$ = 2.01 mho/m; $\varepsilon_r$ = 50.3; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.32, 4.32, 4.32); Calibrated: 12/11/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 1/4/2010
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

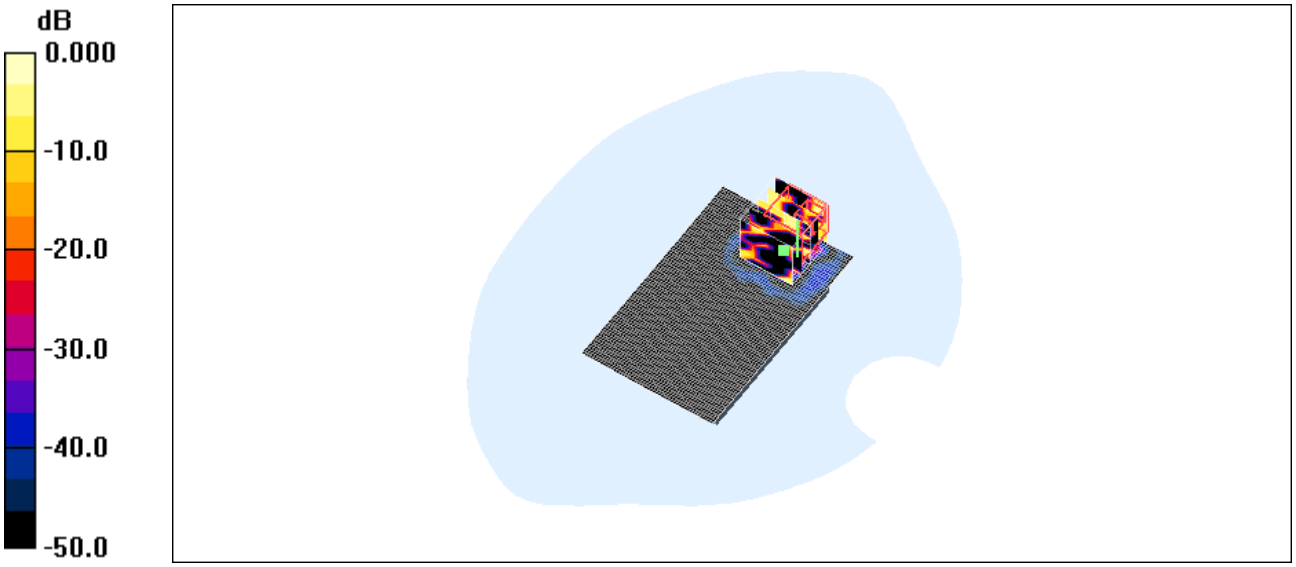
**Body/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.001 mW/g

**Body/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.17 V/m; Power Drift = -0.902 dB
Peak SAR (extrapolated) = 0.001 W/kg
**SAR(1 g) = 8.25e-006 mW/g; SAR(10 g) = 1.5e-006 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.001 mW/g




0 dB = 0.001mW/g

**Z axis plots for the worst case body worn configuration:**