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APPENDIX C1: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

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Model: RFS121LW

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GPRS 850

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Date: 3/15/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB02A49

Configuration: Body Worn MSL - GPRS 850

Communication System: GPRS 850; Communication System Band: GPRS 850; Frequency: 836.8 MHz

Medium Parameters used: $f=836.8$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 54.597$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_3-

slot_chan190_amb_temp_23.4C_liq_temp_21.5C/Area Scan (61x91x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Reference Value = 27.783 V/m; **Power Drift = 0.019 dB**

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_3-

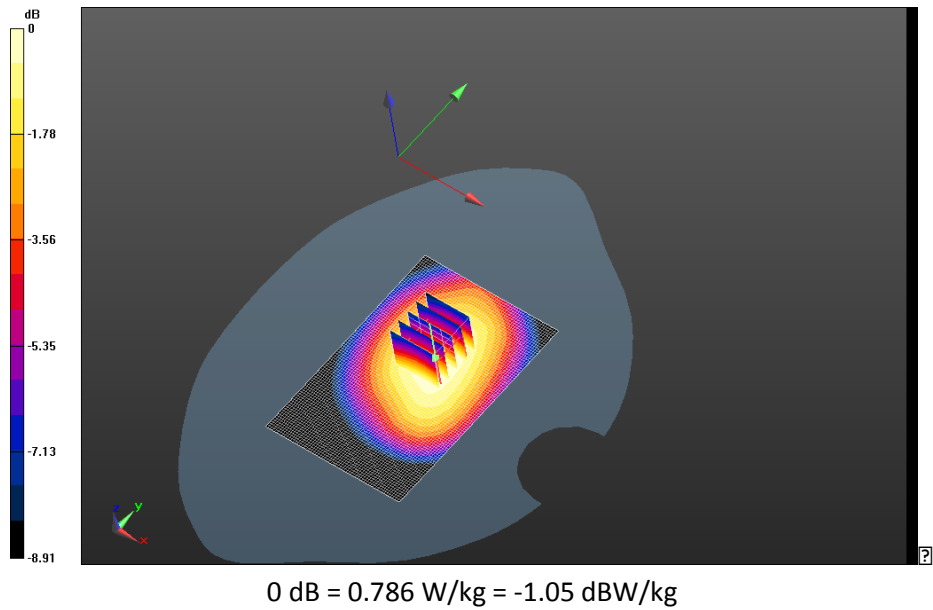
slot_chan190_amb_temp_23.4C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 27.783 V/m; **Power Drift = 0.019 dB**

Averaged SAR: SAR(1g) = 0.708 W/kg; SAR(10g) = 0.525 W/kg

Maximum value of SAR (interpolated) = 0.920 W/kg

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Author Data Andrew Becker	Dates of Test Mar 04 – May 30, 2013	Test Report No RTS-6036-1305-06B	FCC ID: L6ARFR100LW	IC 2503A-RFR100LW

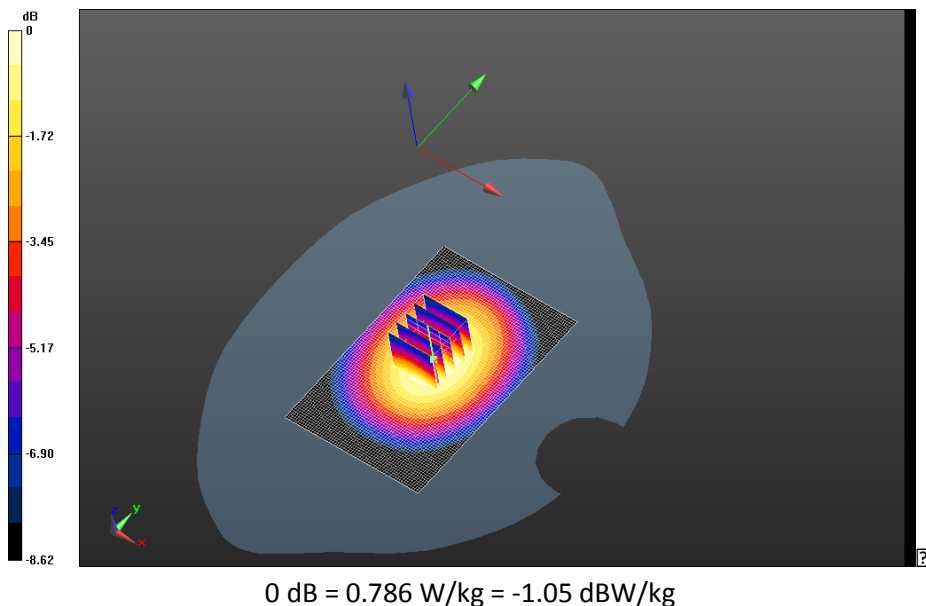


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Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan128_amb_temp_23.5C_liq_temp_21.4C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 31.260 V/m; **Power Drift = 0.010 dB**

Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan128_amb_temp_23.5C_liq_temp_21.4C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 31.260 V/m; **Power Drift = 0.010 dB**

Averaged SAR: SAR(1g) = 0.811 W/kg; SAR(10g) = 0.599 W/kg
Maximum value of SAR (interpolated) = 1.05 W/kg

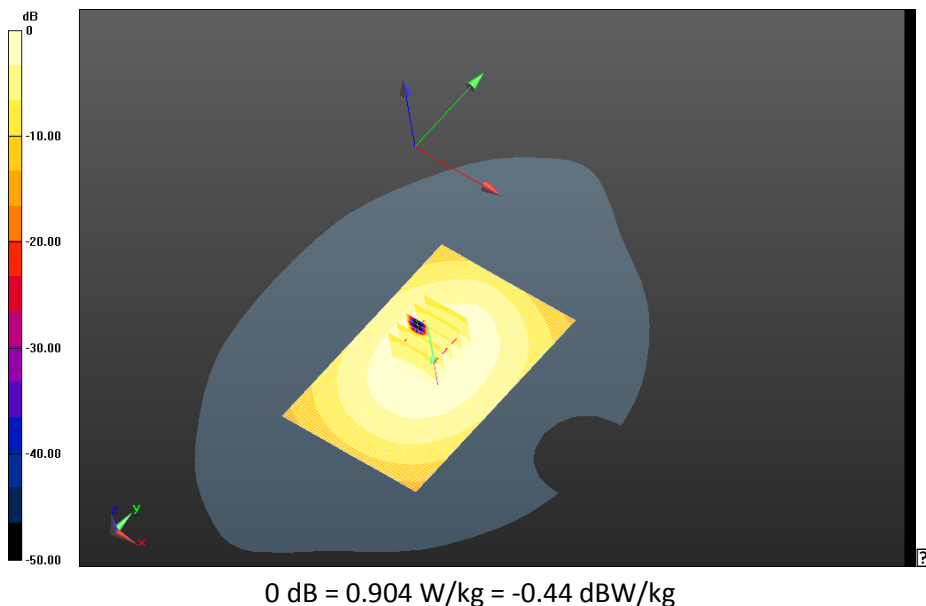


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Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan190_amb_temp_23.4C_liq_temp_21.5C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 32.052 V/m; **Power Drift = -0.060 dB**

Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan190_amb_temp_23.4C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 32.052 V/m; **Power Drift = -0.060 dB**

Averaged SAR: SAR(1g) = 0.813 W/kg; SAR(10g) = 0.596 W/kg
Maximum value of SAR (interpolated) = 1.06 W/kg

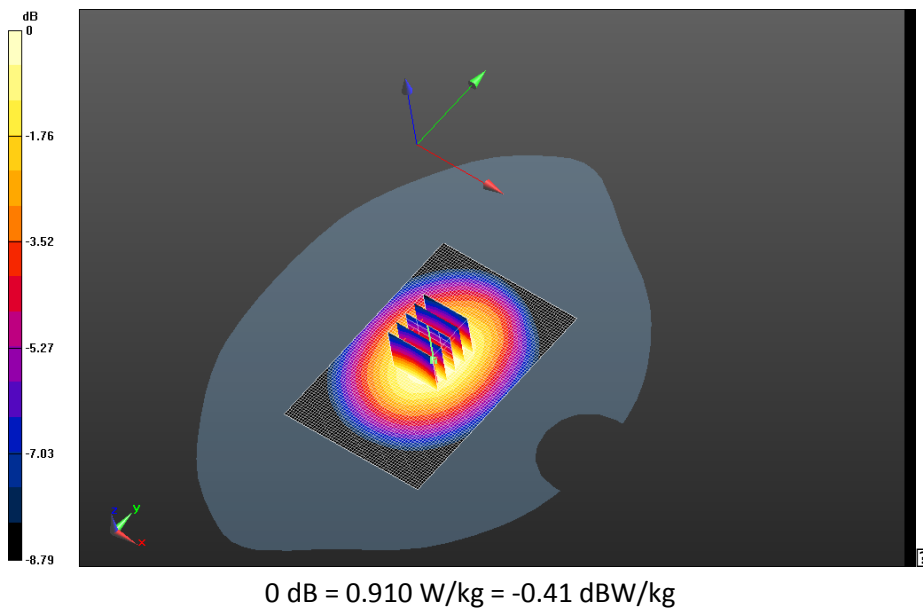


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Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan190_amb_temp_23.4C_liq_temp_21.5C_2nd/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 31.364 V/m; **Power Drift = 0.226 dB**

Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan190_amb_temp_23.4C_liq_temp_21.5C_2nd/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 31.364 V/m; **Power Drift = 0.226 dB**

Averaged SAR: SAR(1g) = 0.849 W/kg; SAR(10g) = 0.626 W/kg
Maximum value of SAR (interpolated) = 1.09 W/kg

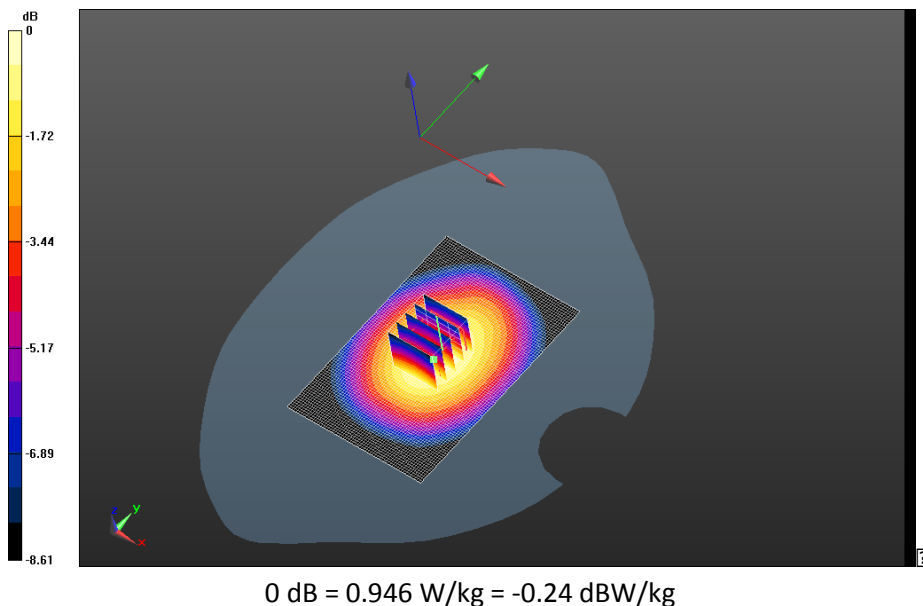


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Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan251_amb_temp_23.6C_liq_temp_21.5C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 27.253 V/m; **Power Drift = -0.00544 dB**

Body Worn MSL - GPRS 850/Holster Device Back -GPRS 850_3-slot_chan251_amb_temp_23.6C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 27.253 V/m; **Power Drift = -0.00544 dB**

Averaged SAR: SAR(1g) = 0.617 W/kg; SAR(10g) = 0.454 W/kg
Maximum value of SAR (interpolated) = 0.803 W/kg

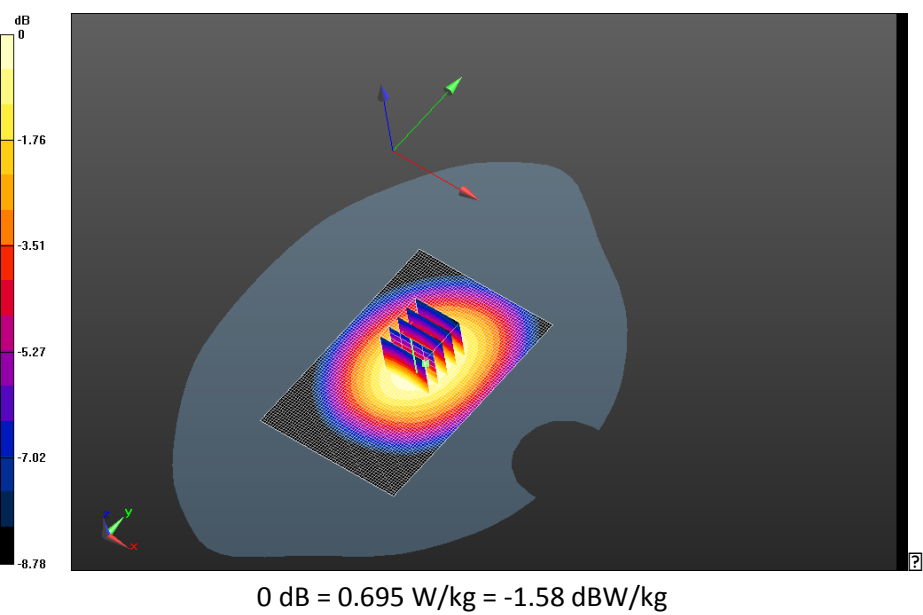


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Body Worn MSL - GPRS 850/Holster Device Front - GPRS 850_3-slot_chan190_amb_temp_23.4C_liq_temp_21.5C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 28.834 V/m; **Power Drift = -0.089 dB**

Body Worn MSL - GPRS 850/Holster Device Front - GPRS 850_3-slot_chan190_amb_temp_23.4C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 28.834 V/m; **Power Drift = -0.089 dB**

Averaged SAR: SAR(1g) = 0.681 W/kg; SAR(10g) = 0.502 W/kg
Maximum value of SAR (interpolated) = 0.893 W/kg



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UMTS Band V

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	Author Data Andrew Becker	Dates of Test Mar 04 – May 30, 2013	Test Report No RTS-6036-1305-06B	FCC ID: L6ARFR100LW

Date: 3/18/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB02A49

Configuration: Body-worn UMTS V

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

Frequency: 836.4 MHz

Medium Parameters used: $f=836.4$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 52.975$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body-worn UMTS

V/15mm_Back_UMTS_V_chan4182_amb_temp_23.6C_liq_temp_21.7C/Area Scan

(101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 27.490 V/m; **Power Drift = -0.187 dB**

Fast SAR: SAR(1g) = 0.615 W/kg; SAR(10g) = 0.428 W/kg

Maximum value of SAR (interpolated) = 0.699 W/kg

Body-worn UMTS

V/15mm_Back_UMTS_V_chan4182_amb_temp_23.6C_liq_temp_21.7C/Zoom Scan

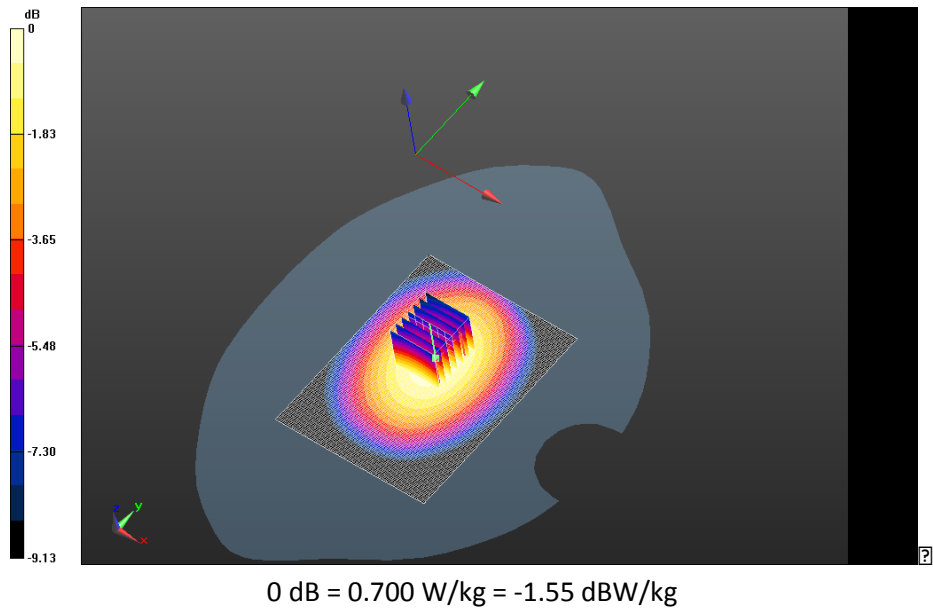
(31x31x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 27.490 V/m; **Power Drift = -0.187 dB**

Averaged SAR: SAR(1g) = 0.629 W/kg; SAR(10g) = 0.467 W/kg

Maximum value of SAR (interpolated) = 0.812 W/kg

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Body-worn UMTS

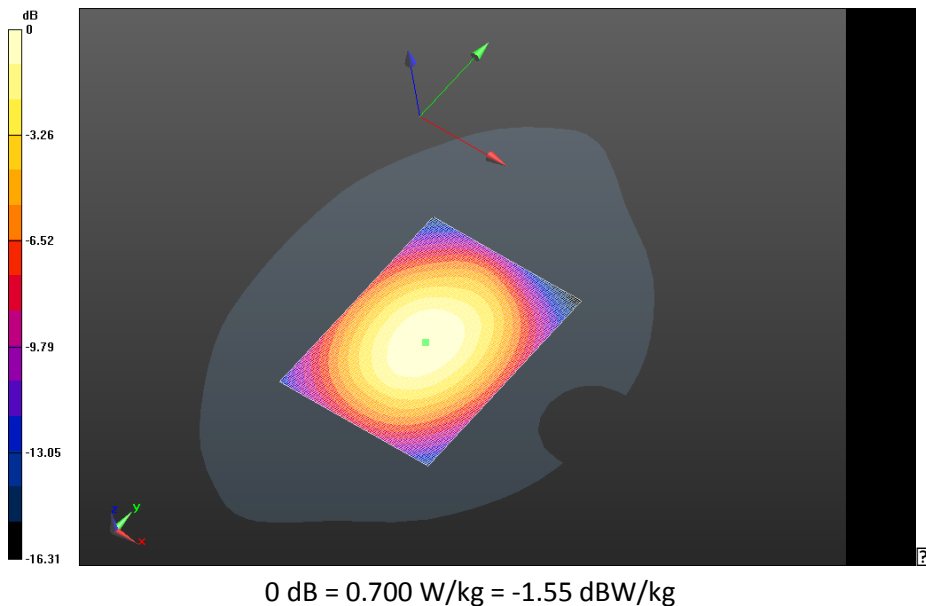
V/Holster_Device_Back_UMTS_V_chan4182_amb_temp_23.6C_liq_temp_21.7C/Area Scan

(101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 25.519 V/m; **Power Drift = -0.097 dB**

Fast SAR: SAR(1g) = 0.528 W/kg; SAR(10g) = 0.367 W/kg

Maximum value of SAR (interpolated) = 0.600 W/kg



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Body-worn UMTS

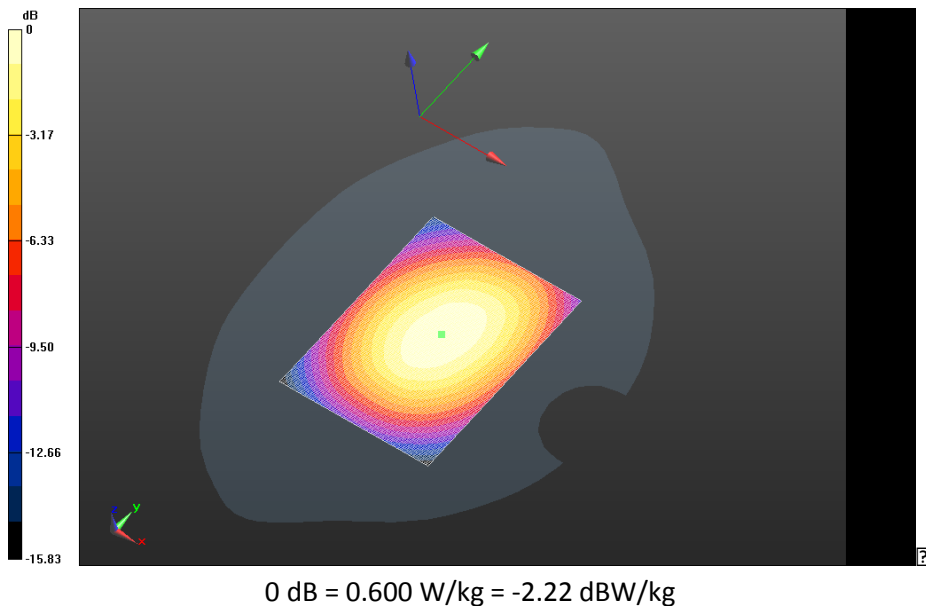
V/Holster_Device_Front_UMTS_V_chan4182_amb_temp_23.6C_liq_temp_21.7C/Area Scan

(101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 22.545 V/m; **Power Drift = -0.00942 dB**

Fast SAR: SAR(1g) = 0.412 W/kg; SAR(10g) = 0.285 W/kg

Maximum value of SAR (interpolated) = 0.470 W/kg



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GPRS 1900

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Date: 3/24/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB04D29

Configuration: Body Worn MSL - GPRS 1900

Communication System: GPRS 1900; Communication System Band: GPRS 1900; Frequency: 1880 MHz

Medium Parameters used: $f=1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 50.890$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS

1900_mid_chan_amb_temp_23.4C_liq_temp_21.3C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Reference Value = 10.730 V/m; **Power Drift = -0.053 dB**

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS

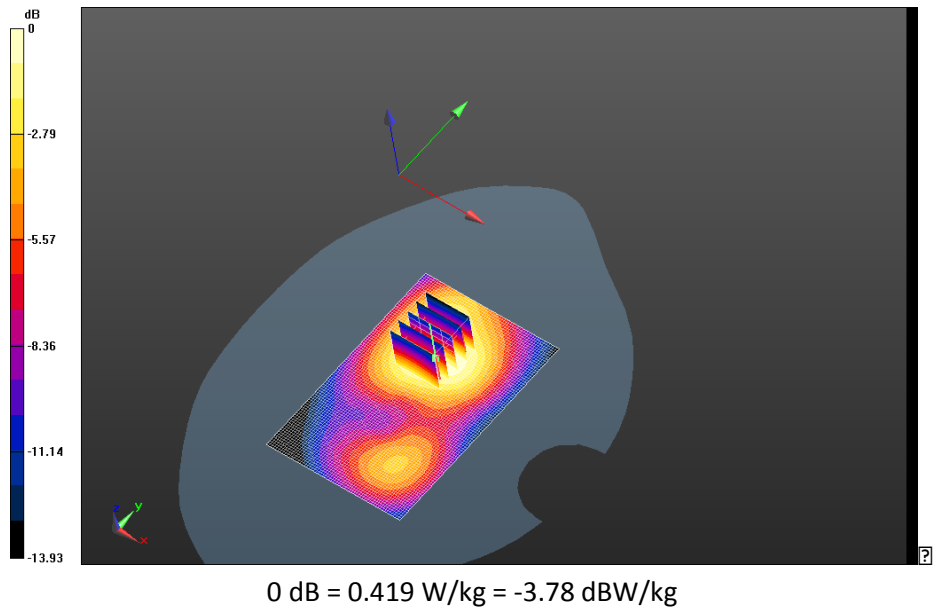
1900_mid_chan_amb_temp_23.4C_liq_temp_21.3C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 10.730 V/m; **Power Drift = -0.053 dB**

Averaged SAR: SAR(1g) = 0.358 W/kg; SAR(10g) = 0.226 W/kg

Maximum value of SAR (interpolated) = 0.541 W/kg

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Body Worn MSL - GPRS 1900/Holster Device Back - GPRS

1900_mid_chan_amb_temp_23.4C_liq_temp_21.3C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Reference Value = 11.532 V/m; **Power Drift = -0.135 dB**

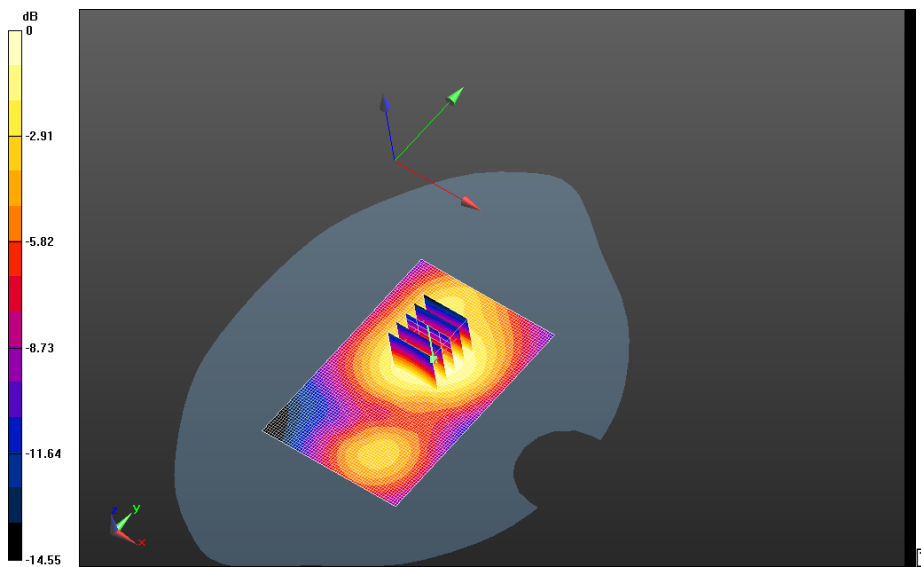
Body Worn MSL - GPRS 1900/Holster Device Back - GPRS

1900_mid_chan_amb_temp_23.4C_liq_temp_21.3C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 11.532 V/m; **Power Drift = -0.135 dB**

Averaged SAR: SAR(1g) = 0.218 W/kg; SAR(10g) = 0.136 W/kg

Maximum value of SAR (interpolated) = 0.334 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

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Body Worn MSL - GPRS 1900/Holster Device Front - GPRS

1900_mid_chan_amb_temp_23.4C_liq_temp_21.3C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Reference Value = 11.036 V/m; **Power Drift = 0.096 dB**

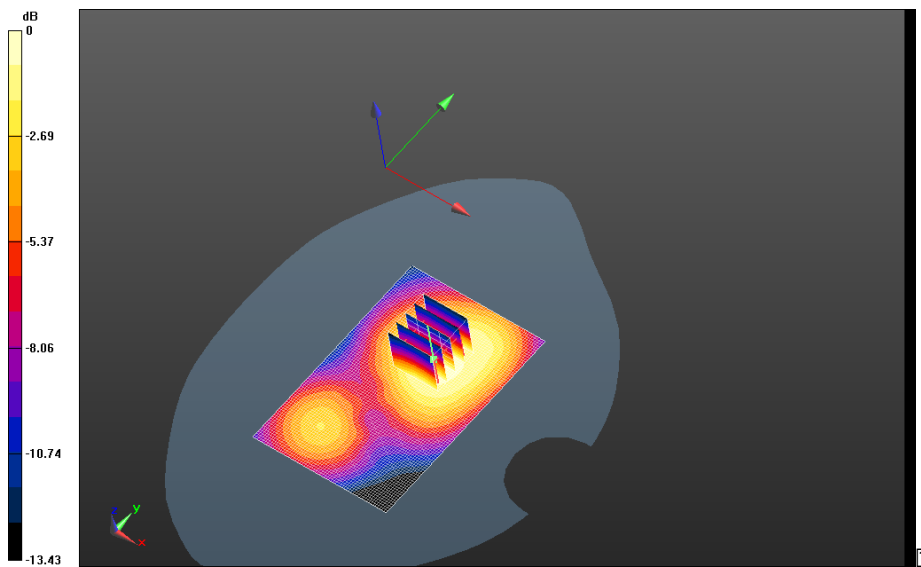
Body Worn MSL - GPRS 1900/Holster Device Front - GPRS

1900_mid_chan_amb_temp_23.4C_liq_temp_21.3C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 11.036 V/m; **Power Drift = 0.096 dB**

Averaged SAR: SAR(1g) = 0.268 W/kg; SAR(10g) = 0.171 W/kg

Maximum value of SAR (interpolated) = 0.420 W/kg



0 dB = 0.255 W/kg = -5.93 dBW/kg

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UMTS Band II

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Date: 3/12/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB02A49

Configuration: Body Worn MSL - UMTS Band II

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

Medium Parameters used: $f=1880$ MHz; $\sigma = 1.539$ S/m; $\epsilon_r = 51.659$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - UMTS Band II/15mm Device Back -

UMTS_II_mid_chan_amb_temp_23.7C_liq_temp_22.0C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

Body Worn MSL - UMTS Band II/15mm Device Back -

UMTS_II_mid_chan_amb_temp_23.7C_liq_temp_22.0C/Zoom Scan (26x26x36)/Cube 0:

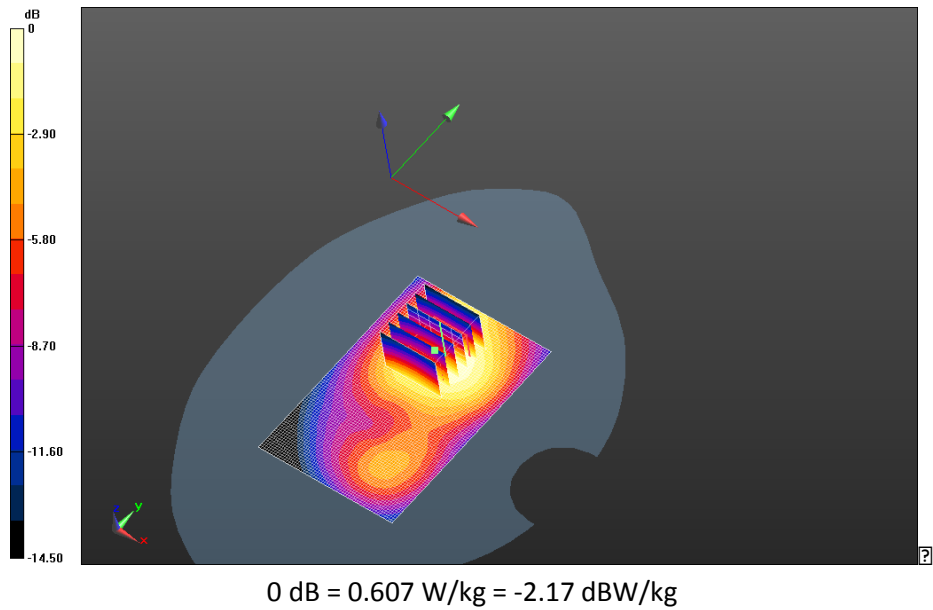
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 13.426 V/m; **Power Drift = -0.00204 dB**

Averaged SAR: SAR(1g) = 0.529 W/kg; SAR(10g) = 0.338 W/kg

Maximum value of SAR (interpolated) = 0.800 W/kg

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Body Worn MSL - UMTS Band II/Holster Device Back -

UMTS_II_mid_chan_amb_temp_23.7C_liq_temp_22.0C/Area Scan (61x91x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.376 W/kg

Body Worn MSL - UMTS Band II/Holster Device Back -

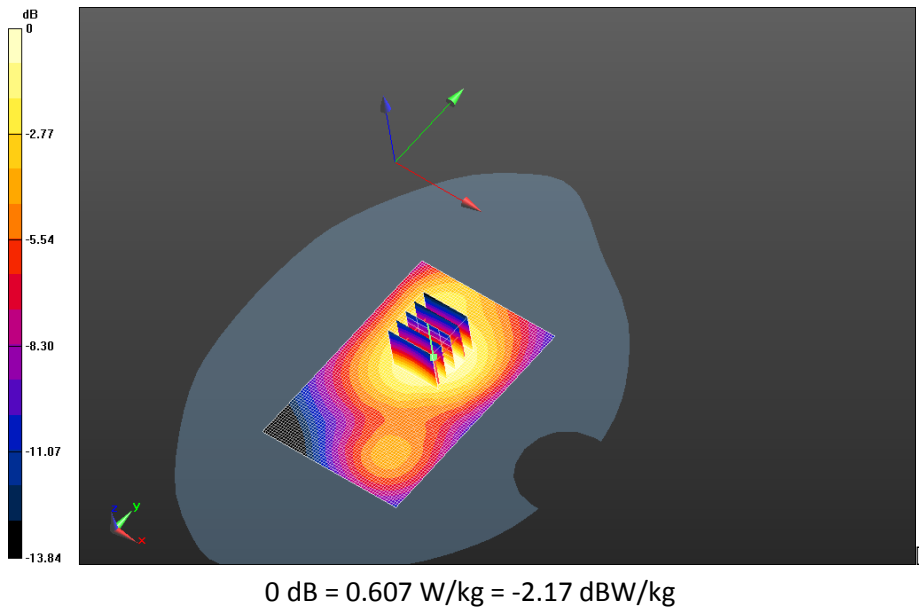
UMTS_II_mid_chan_amb_temp_23.7C_liq_temp_22.0C/Zoom Scan (21x21x36)/Cube 0:

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

Reference Value = 13.810 V/m; **Power Drift = -0.079 dB**

Averaged SAR: SAR(1g) = 0.321 W/kg; SAR(10g) = 0.203 W/kg

Maximum value of SAR (interpolated) = 0.490 W/kg



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Body Worn MSL - UMTS Band II/Holster Device Front -

UMTS_II_mid_chan_amb_temp_23.6C_liq_temp_22.0C/Area Scan (61x91x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.466 W/kg

Body Worn MSL - UMTS Band II/Holster Device Front -

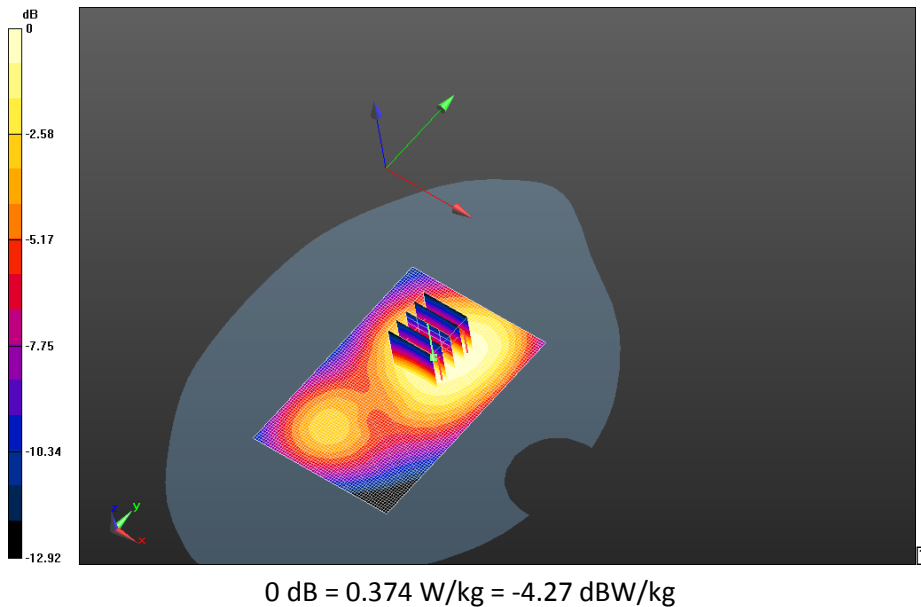
UMTS_II_mid_chan_amb_temp_23.6C_liq_temp_22.0C/Zoom Scan (21x21x36)/Cube 0:

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

Reference Value = 13.295 V/m; **Power Drift = -0.040 dB**

Averaged SAR: SAR(1g) = 0.392 W/kg; SAR(10g) = 0.254 W/kg

Maximum value of SAR (interpolated) = 0.603 W/kg



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802.11b

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Author Data Andrew Becker	Dates of Test Mar 04 – May 30, 2013	Test Report No RTS-6036-1305-06B	FCC ID: L6ARFR100LW	IC 2503A-RFR100LW

Date: 3/22/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB04D29

Configuration: Flat-Section MSL_Body-Worn SAR – 802.11b

Communication System: 802.11 b (2450); Communication System Band: 802.11 b;

Frequency: 2437 MHz

Medium Parameters used: $f=2437$ MHz; $\sigma = 1.957$ S/m; $\epsilon_r = 50.407$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Flat-Section MSL_Body-Worn SAR/Device

Back_15mm_802.11b_Mid_Chan_Amb_Temp_23.3C_Liquid_Temp_21.6C/Area

Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.161 W/kg

Flat-Section MSL_Body-Worn SAR/Device Back_15mm_802.11b_Mid_Chan

_Amb_Temp_23.3C_Liquid_Temp_21.6C/Zoom Scan (31x31x36)/Cube 0:

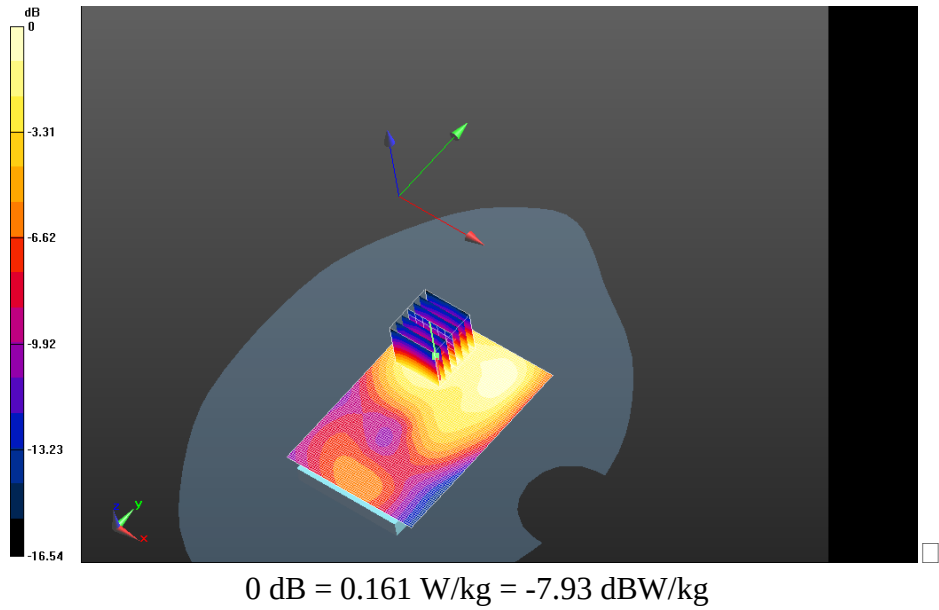
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 5.310 V/m; **Power Drift = -0.096 dB**

Averaged SAR: SAR(1g) = 0.149 W/kg; SAR(10g) = 0.0877 W/kg

Maximum value of SAR (interpolated) = 0.255 W/kg

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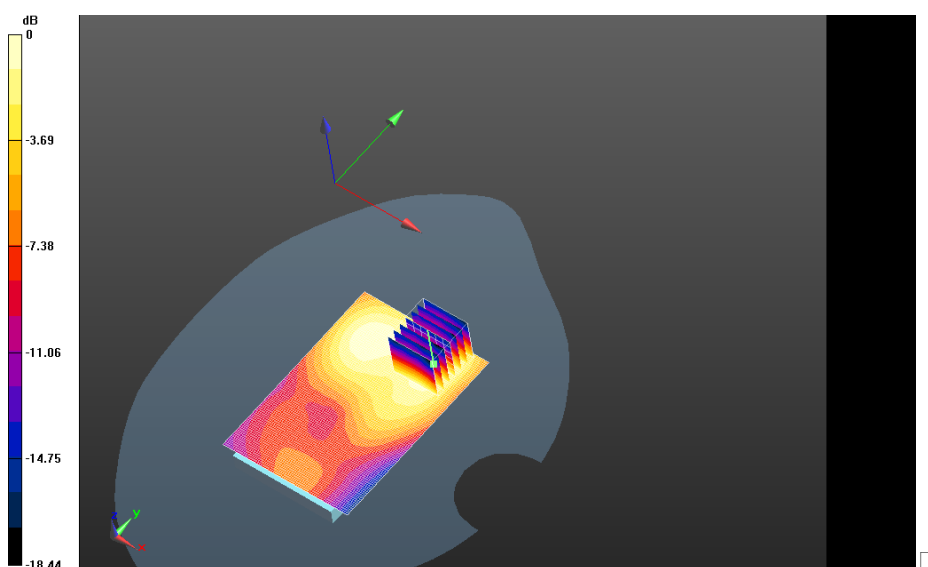
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Flat-Section MSL_Body-Worn SAR/Device Back+HS_15mm_802.11b_Mid_Chann_Amb_Temp_23.5C_Liquid_Temp_21.4C/Area Scan (71x101x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.164 W/kg

Flat-Section MSL_Body-Worn SAR/Device Back+HS_15mm_802.11b_Mid_Chann_Amb_Temp_23.5C_Liquid_Temp_21.4C/Zoom Scan (31x31x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 8.998 V/m; **Power Drift = 0.125 dB**

Averaged SAR: SAR(1g) = 0.148 W/kg; SAR(10g) = 0.0846 W/kg
Maximum value of SAR (interpolated) = 0.273 W/kg



0 dB = 0.161 W/kg = -7.93 dBW/kg

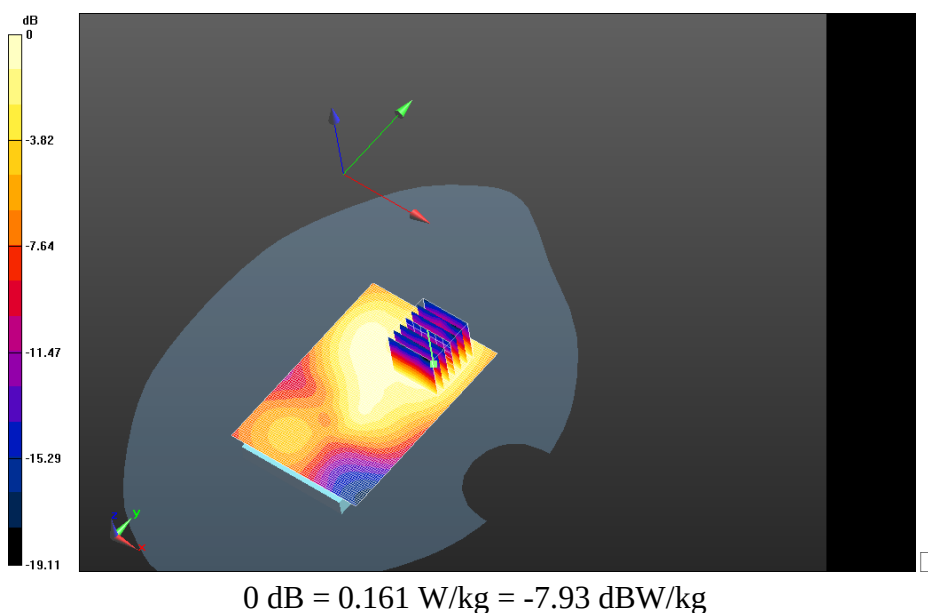
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Author Data Andrew Becker	Dates of Test Mar 04 – May 30, 2013	Test Report No RTS-6036-1305-06B	FCC ID: L6ARFR100LW	IC 2503A-RFR100LW

**Flat-Section MSL_Body-Worn SAR/Holster_Device_Back_802.11b_Mid_Chan
_Amb_Temp_23.5C_Liquid_Temp_21.5C/Area Scan (71x101x1):** Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0917 W/kg

**Flat-Section MSL_Body-Worn SAR/Holster_Device_Back_802.11b_Mid_Chan
_Amb_Temp_23.5C_Liquid_Temp_21.5C/Zoom Scan (31x31x36)/Cube 0:**
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 6.860 V/m; **Power Drift = -0.027 dB**

Averaged SAR: SAR(1g) = 0.0824 W/kg; SAR(10g) = 0.0466 W/kg
Maximum value of SAR (interpolated) = 0.154 W/kg



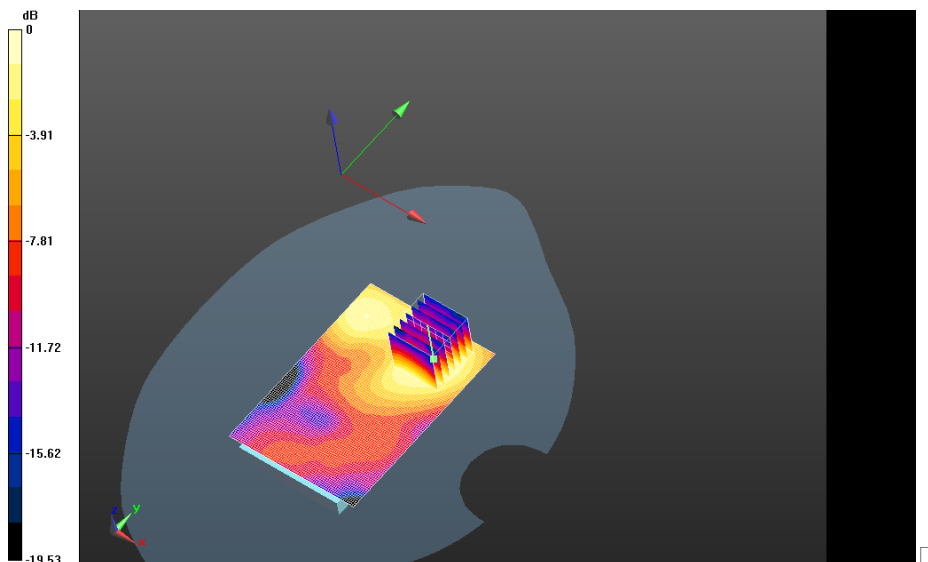
	Document Appendix C1 for the BlackBerry® Smartphone Model RFR101LW SAR Report			Page 31(71)
Author Data Andrew Becker	Dates of Test Mar 04 – May 30, 2013	Test Report No RTS-6036-1305-06B	FCC ID: L6ARFR100LW	IC 2503A-RFR100LW

Flat-Section MSL_Body-Worn SAR/Holster_Device_Front_802.11b_Mid_Chann_Amb_Temp_23.5C_Liquid_Temp_21.6C/Area Scan (71x101x1): Interpolated grid:
dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0609 W/kg

Flat-Section MSL_Body-Worn SAR/Holster_Device_Front_802.11b_Mid_Chann_Amb_Temp_23.5C_Liquid_Temp_21.6C/Zoom Scan (31x31x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 5.578 V/m; **Power Drift = 0.096 dB**

Averaged SAR: SAR(1g) = 0.0560 W/kg; SAR(10g) = 0.0319 W/kg
Maximum value of SAR (interpolated) = 0.104 W/kg



0 dB = 0.0895 W/kg = -10.48 dBW/kg

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Bluetooth

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Author Data Andrew Becker	Dates of Test Mar 04 – May 30, 2013	Test Report No RTS-6036-1305-06B	FCC ID: L6ARFR100LW	IC 2503A-RFR100LW

Date: 3/21/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB02A54

Configuration: Body Worn MSL - Bluetooth

Communication System: Bluetooth; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2441 MHz

Medium Parameters used: $f=2441$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 50.399$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - Bluetooth/15mm Device Back -

Bluetooth_chan39_amb_temp_23.4C_liq_temp_21.6C/Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0171 W/kg

Body Worn MSL - Bluetooth/15mm Device Back -

Bluetooth_chan39_amb_temp_23.4C_liq_temp_21.6C/Zoom Scan (31x31x36)/Cube 0:

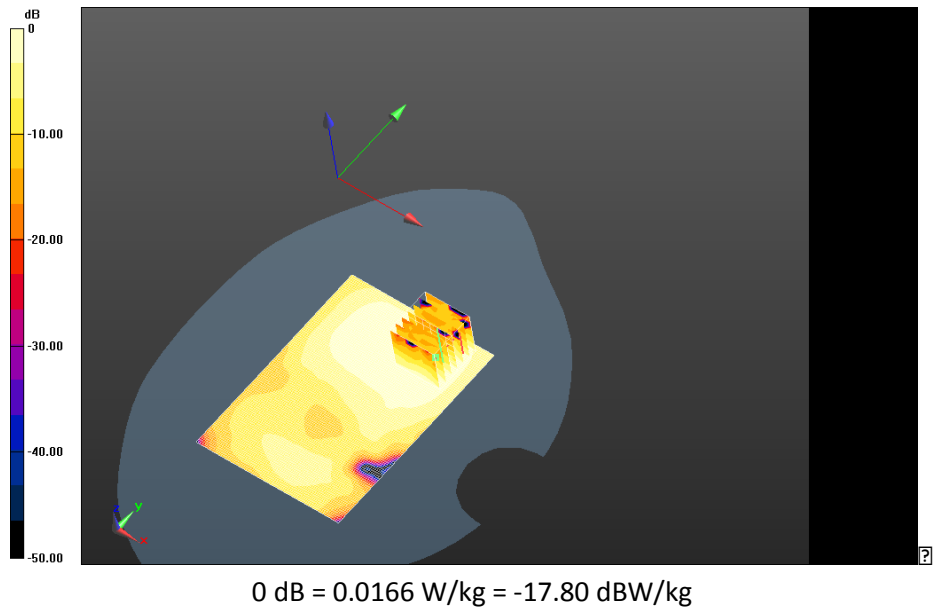
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 2.913 V/m; **Power Drift = -0.049 dB**

Averaged SAR: SAR(1g) = 0.0135 W/kg; SAR(10g) = 0.00750 W/kg

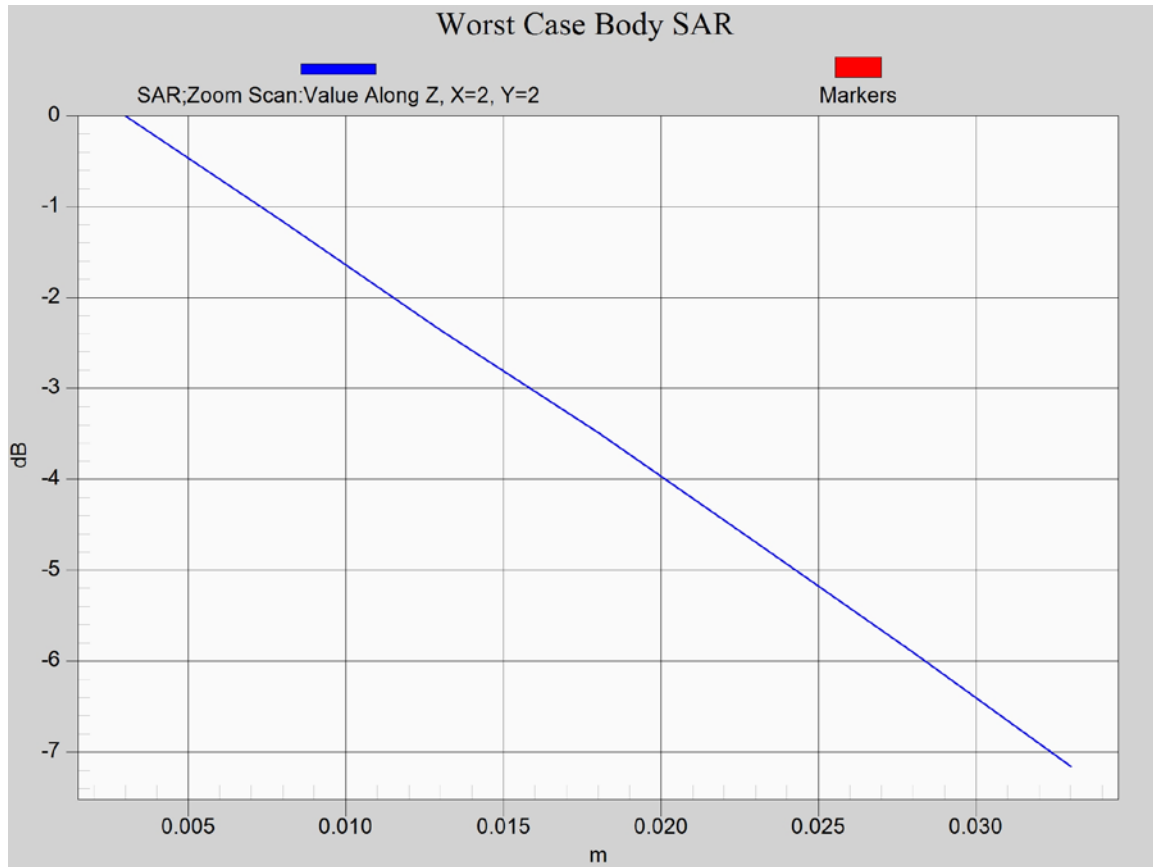
Maximum value of SAR (interpolated) = 0.0251 W/kg

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Z axis plot for the worst case body configuration



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Model: RFR101LW

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LTE band 17

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Date: 5/9/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2FFFB6AF

Configuration: Body Worn MSL - LTE 17

Communication System: LTE 17; Communication System Band: LTE 17; Frequency: 709 MHz

Medium Parameters used: $f=709$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 53.937$; $\rho = 1.000$ g/cm³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.27,6.27,6.27); 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - LTE 17/15mm Device Back -

LTE_17_chan23780_RB1_Off0_amb_temp_23.2C_liq_temp_21.1C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.180 W/kg

Body Worn MSL - LTE 17/15mm Device Back -

LTE_17_chan23780_RB1_Off0_amb_temp_23.2C_liq_temp_21.1C/Zoom Scan

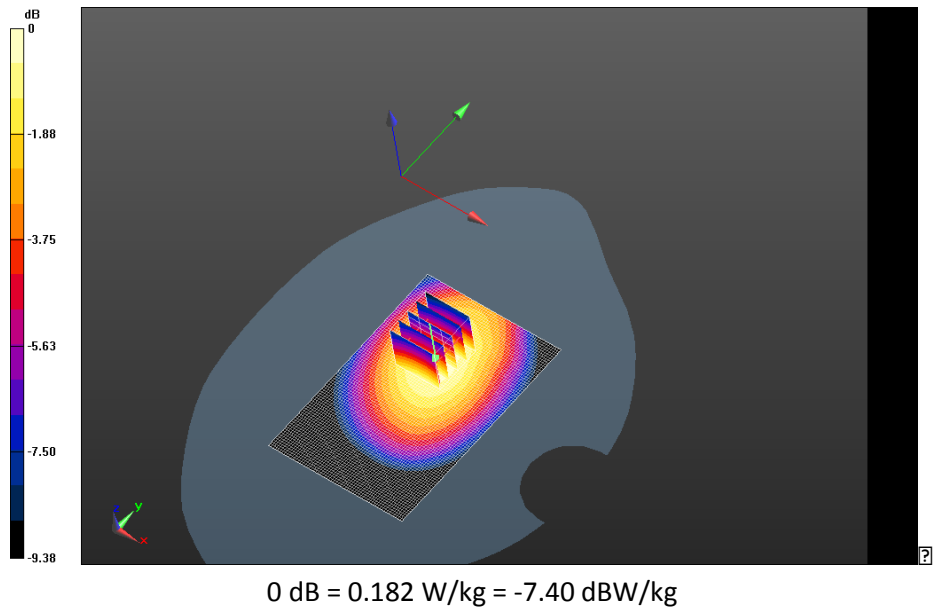
(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 14.120 V/m; **Power Drift = -0.014 dB**

Averaged SAR: SAR(1g) = 0.162 W/kg; SAR(10g) = 0.118 W/kg

Maximum value of SAR (interpolated) = 0.216 W/kg

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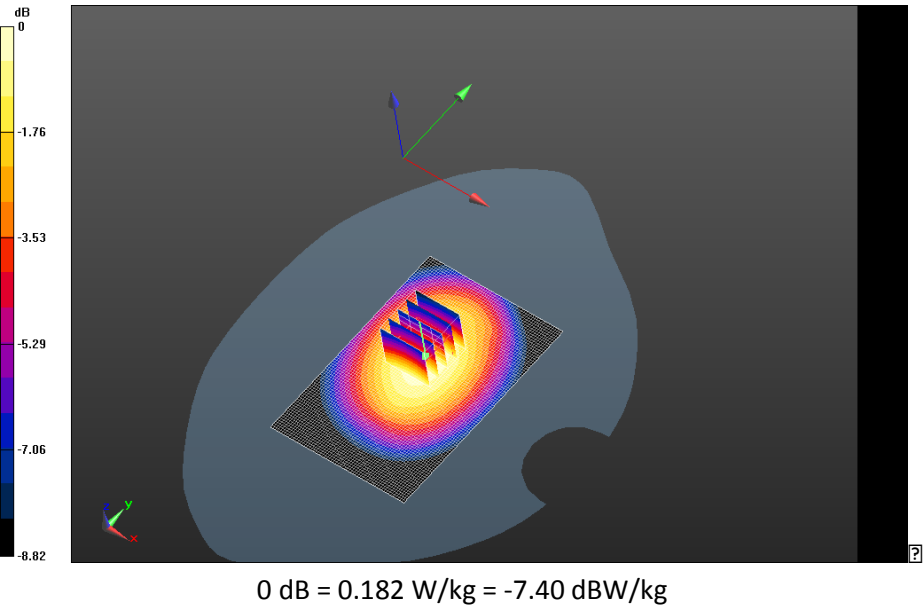


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Body Worn MSL - LTE 17/Holster Device Back -
LTE_17_chan23780_RB1_Off0_amb_temp_23.2C_liq_temp_21.1C/Area Scan (61x91x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.188 W/kg

Body Worn MSL - LTE 17/Holster Device Back -
LTE_17_chan23780_RB1_Off0_amb_temp_23.2C_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 = 14.474 V/m; **Power Drift = 0.023 dB**

Averaged SAR: SAR(1g) = 0.170 W/kg; SAR(10g) = 0.126 W/kg
Maximum value of SAR (interpolated) = 0.218 W/kg



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Body Worn MSL - LTE 17/Holster Device Front -

LTE_17_chan23780_RB1_Off0_amb_temp_23.2C_liq_temp_21.1C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.131 W/kg

Body Worn MSL - LTE 17/Holster Device Front -

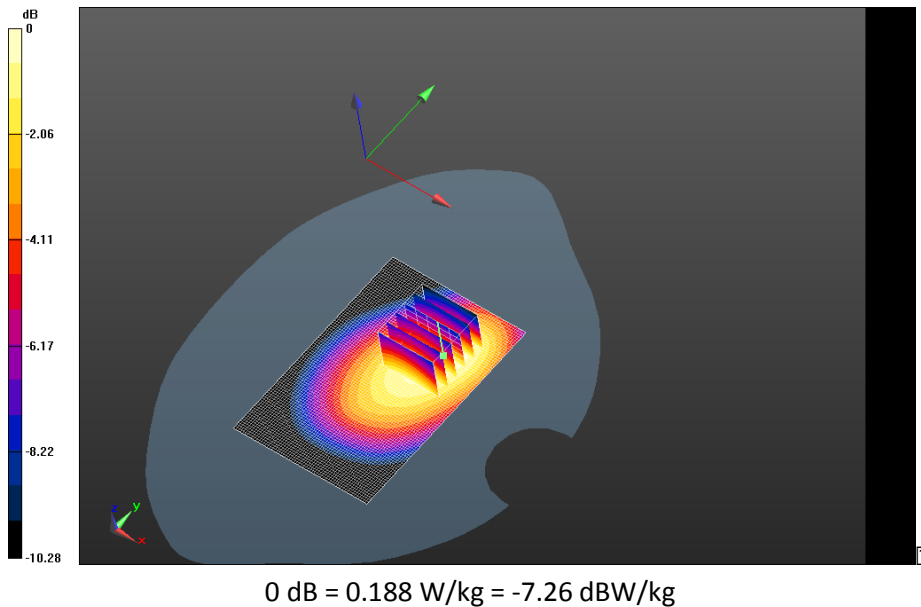
LTE_17_chan23780_RB1_Off0_amb_temp_23.2C_liq_temp_21.1C/Zoom Scan

(26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 12.201 V/m; **Power Drift = 0.00908 dB**

Averaged SAR: SAR(1g) = 0.116 W/kg; SAR(10g) = 0.0842 W/kg

Maximum value of SAR (interpolated) = 0.157 W/kg



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LTE band 5

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Date: 5/6/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB035B7

Configuration: Body Worn MSL - LTE 5

Communication System: LTE 5; Communication System Band: LTE 5; Frequency: 829 MHz

Medium Parameters used: $f=829$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 53.202$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - LTE 5/15mm Device Back -

LTE_5_chan20450_RB1_Off49_amb_temp_23.5C_liq_temp_21.2C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.383 W/kg

Body Worn MSL - LTE 5/15mm Device Back -

LTE_5_chan20450_RB1_Off49_amb_temp_23.5C_liq_temp_21.2C/Zoom Scan

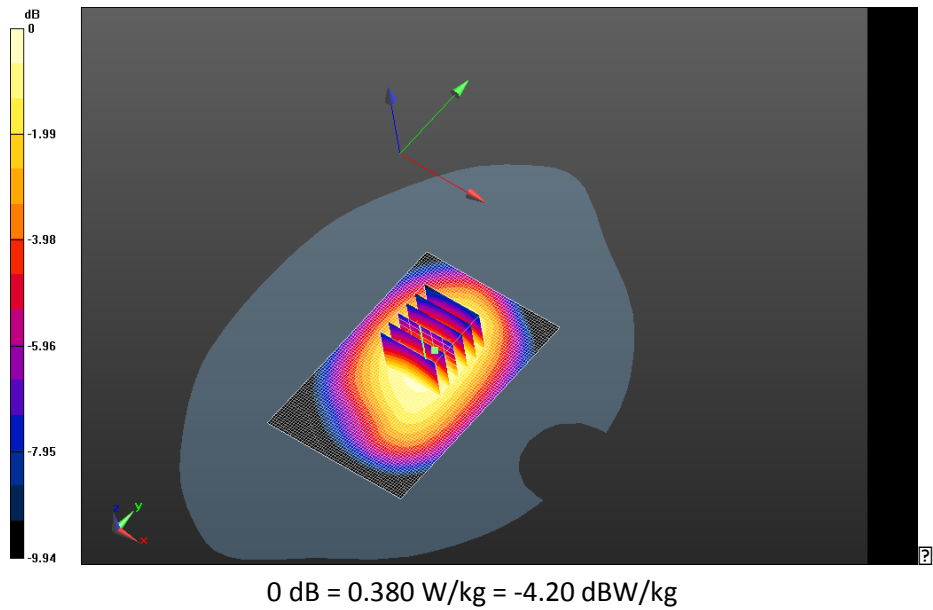
(26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 20.537 V/m; **Power Drift = 0.020 dB**

Averaged SAR: SAR(1g) = 0.344 W/kg; SAR(10g) = 0.256 W/kg

Maximum value of SAR (interpolated) = 0.445 W/kg

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Body Worn MSL - LTE 5/Holster Device Back -

LTE_5_chan20450_RB1_Off49_amb_temp_23.5C_liq_temp_21.2C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.262 W/kg

Body Worn MSL - LTE 5/Holster Device Back -

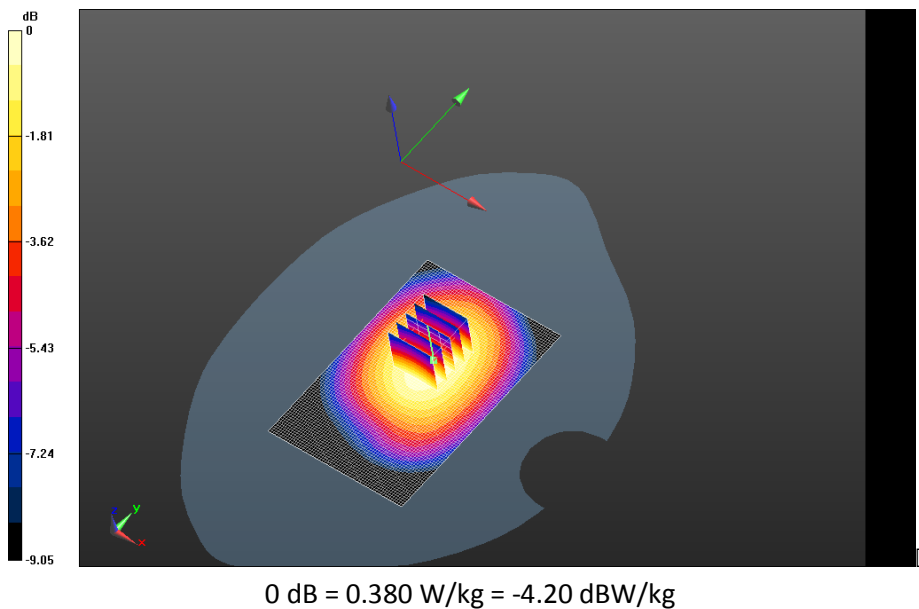
LTE_5_chan20450_RB1_Off49_amb_temp_23.5C_liq_temp_21.2C/Zoom Scan

(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 16.877 V/m; **Power Drift = 0.056 dB**

Averaged SAR: SAR(1g) = 0.237 W/kg; SAR(10g) = 0.176 W/kg

Maximum value of SAR (interpolated) = 0.303 W/kg



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Body Worn MSL - LTE 5/Holster Device Front -

LTE_5_chan20450_RB1_Off49_amb_temp_23.5C_liq_temp_21.2C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.247 W/kg

Body Worn MSL - LTE 5/Holster Device Front -

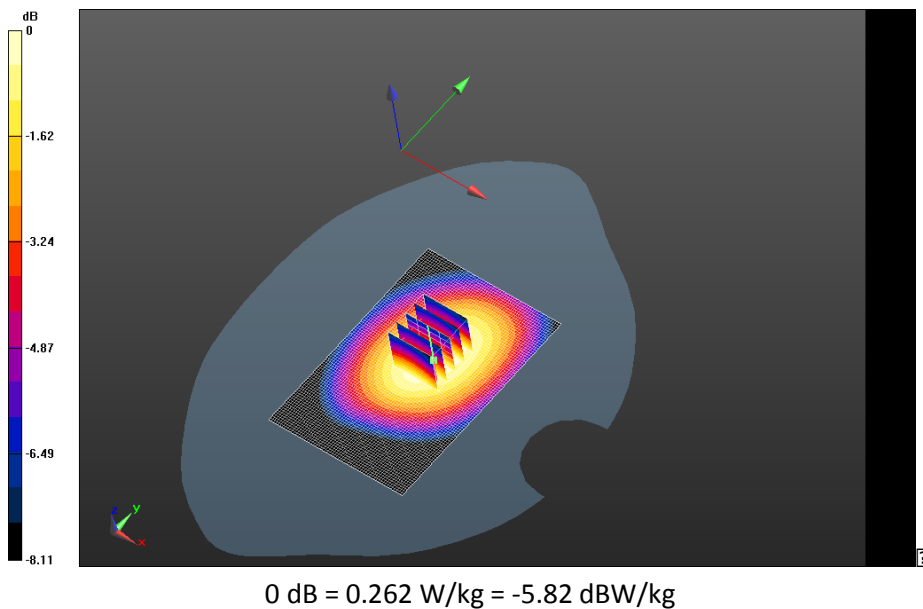
LTE_5_chan20450_RB1_Off49_amb_temp_23.5C_liq_temp_21.2C/Zoom Scan

(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 16.678 V/m; **Power Drift = 0.071 dB**

Averaged SAR: SAR(1g) = 0.228 W/kg; SAR(10g) = 0.171 W/kg

Maximum value of SAR (interpolated) = 0.288 W/kg



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LTE Band 4

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Date: 5/27/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFB6AF

Configuration: Body Worn MSL - LTE Band 4

Communication System: LTE 4; Communication System Band: LTE 4; Frequency: 1720 MHz

Medium Parameters used: $f=1720$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 50.777$; $\rho = 1.000$ 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)

Body Worn MSL - LTE Band 4/15mm Device Back -

LTE_Band_4_chan20050_RB1_OFFSET99_amb_temp_23.9C_liq_temp_20.8C/Area Scan

(61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

Body Worn MSL - LTE Band 4/15mm Device Back -

LTE_Band_4_chan20050_RB1_OFFSET99_amb_temp_23.9C_liq_temp_20.8C/Zoom Scan

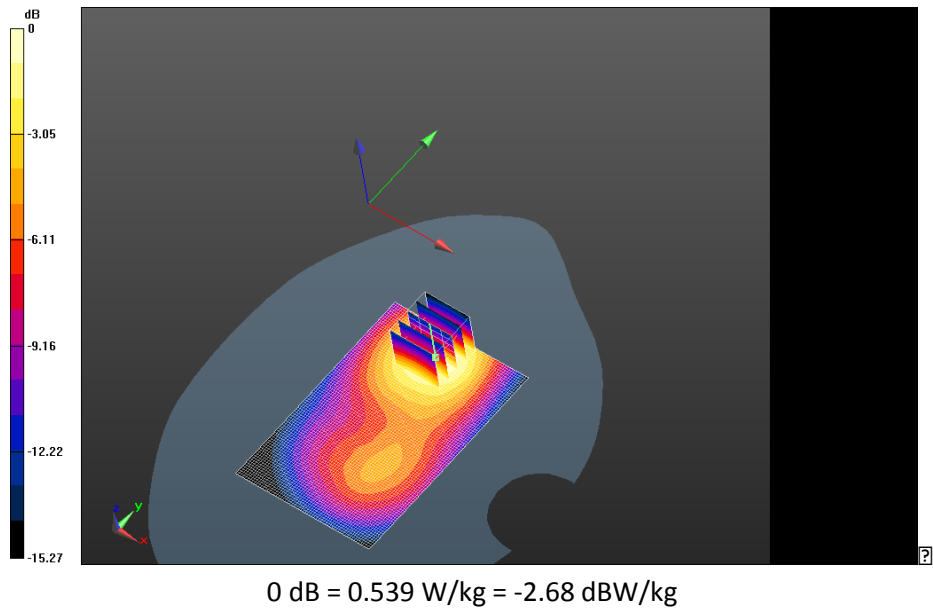
(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 9.645 V/m; **Power Drift = -0.035 dB**

Averaged SAR: SAR(1g) = 0.444 W/kg; SAR(10g) = 0.265 W/kg

Maximum value of SAR (interpolated) = 0.742 W/kg

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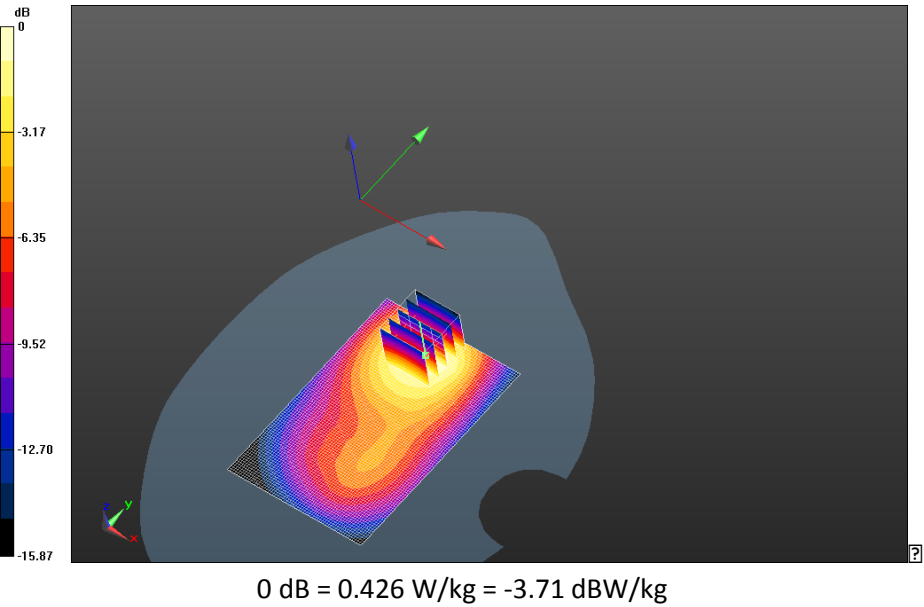


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Body Worn MSL - LTE Band 4 Mid Channel/15mm Device Back -
LTE_Band_4_chan20175_RB50_OFFSET0_amb_temp_22.7C_liq_temp_20.9C/Area Scan
(61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.437 W/kg

Body Worn MSL - LTE Band 4 Mid Channel/15mm Device Back -
LTE_Band_4_chan20175_RB50_OFFSET0_amb_temp_22.7C_liq_temp_20.9C/Zoom Scan
(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.200 V/m; **Power Drift = -0.110 dB**

Averaged SAR: SAR(1g) = 0.351 W/kg; SAR(10g) = 0.209 W/kg
Maximum value of SAR (interpolated) = 0.596 W/kg



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Body Worn MSL - LTE Band 4/Holster Device Back -

LTE_Band_4_chan20050_RB1_OFFSET99_amb_temp_23.6C_liq_temp_20.8C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.338 W/kg

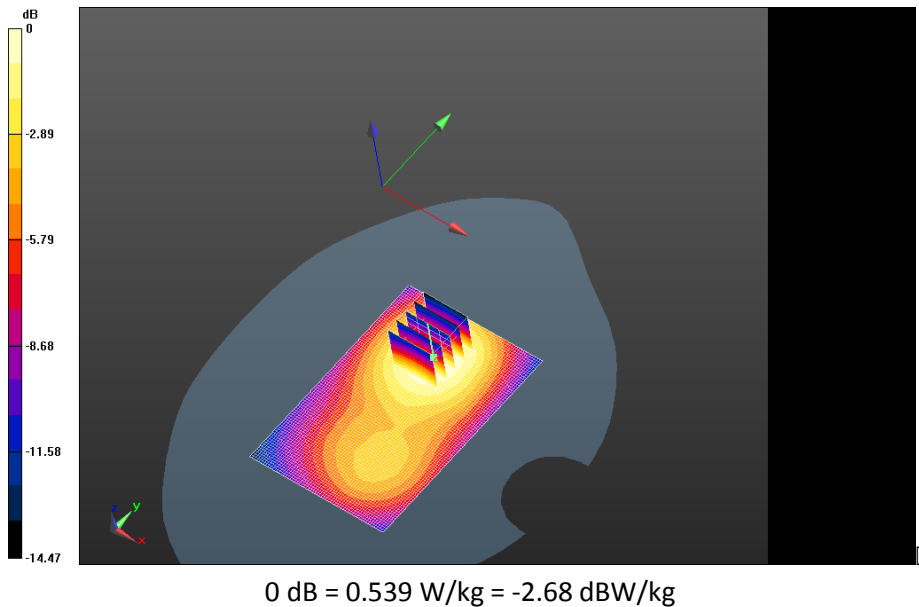
Body Worn MSL - LTE Band 4/Holster Device Back -

LTE_Band_4_chan20050_RB1_OFFSET99_amb_temp_23.6C_liq_temp_20.8C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 10.690 V/m; **Power Drift = 0.010 dB**

Averaged SAR: SAR(1g) = 0.281 W/kg; SAR(10g) = 0.177 W/kg

Maximum value of SAR (interpolated) = 0.438 W/kg



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Body Worn MSL - LTE Band 4/Holster Device Front -

LTE_Band_4_chan20050_RB1_OFFSET99_amb_temp_23.9C_liq_temp_20.8C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.417 W/kg

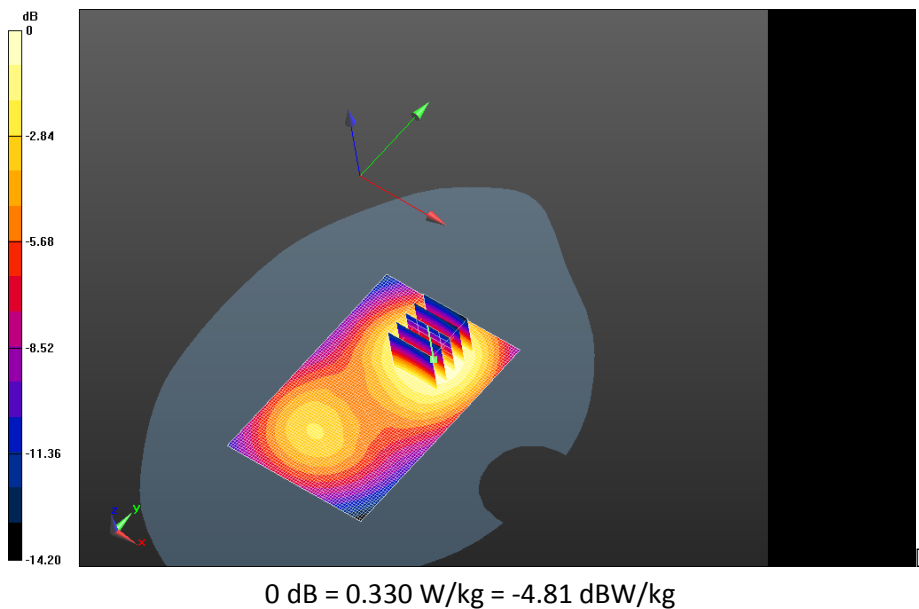
Body Worn MSL - LTE Band 4/Holster Device Front -

LTE_Band_4_chan20050_RB1_OFFSET99_amb_temp_23.9C_liq_temp_20.8C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 10.187 V/m; **Power Drift = 0.013 dB**

Averaged SAR: SAR(1g) = 0.352 W/kg; SAR(10g) = 0.223 W/kg

Maximum value of SAR (interpolated) = 0.548 W/kg



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UMTS Band IV

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Date: 5/24/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFB6AF

Configuration: Body Worn MSL - UMTS Band IV

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

Frequency: 1732.6 MHz

Medium Parameters used: $f=1732.6$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 51.324$; $\rho = 1.000$ 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)

Body Worn MSL - UMTS Band IV/15mm Device Back -

UMTS_Band_IV_chan1413_amb_temp_23.8C_liq_temp_21.8C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.652 W/kg

Body Worn MSL - UMTS Band IV/15mm Device Back -

UMTS_Band_IV_chan1413_amb_temp_23.8C_liq_temp_21.8C/Zoom Scan (21x21x36)/Cube 0:

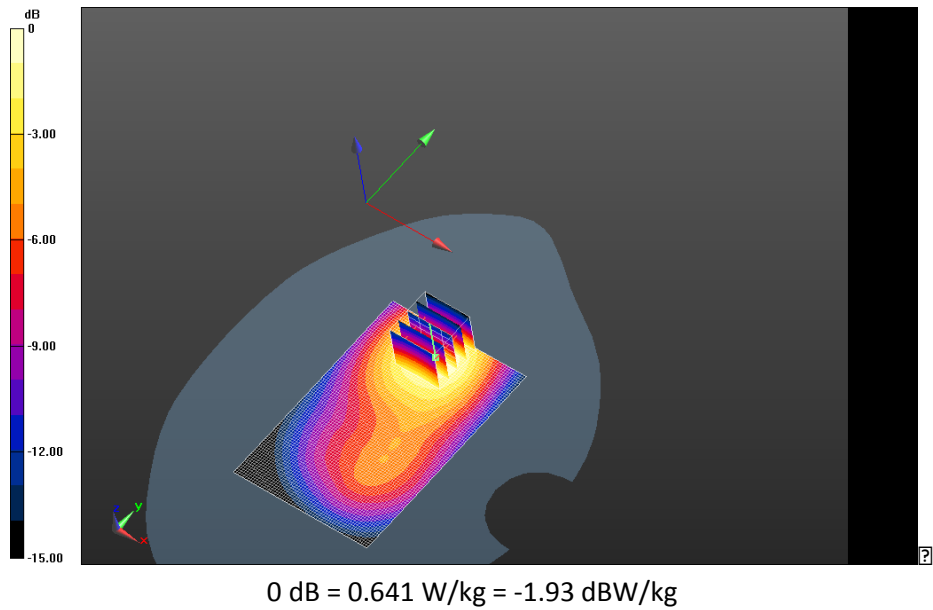
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 11.088 V/m; **Power Drift = -0.016 dB**

Averaged SAR: SAR(1g) = 0.535 W/kg; SAR(10g) = 0.324 W/kg

Maximum value of SAR (interpolated) = 0.888 W/kg

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Body Worn MSL - UMTS Band IV/Holster Device Back -

UMTS_Band_IV_chan1413_amb_temp_23.8C_liq_temp_21.8C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.418 W/kg

Body Worn MSL - UMTS Band IV/Holster Device Back -

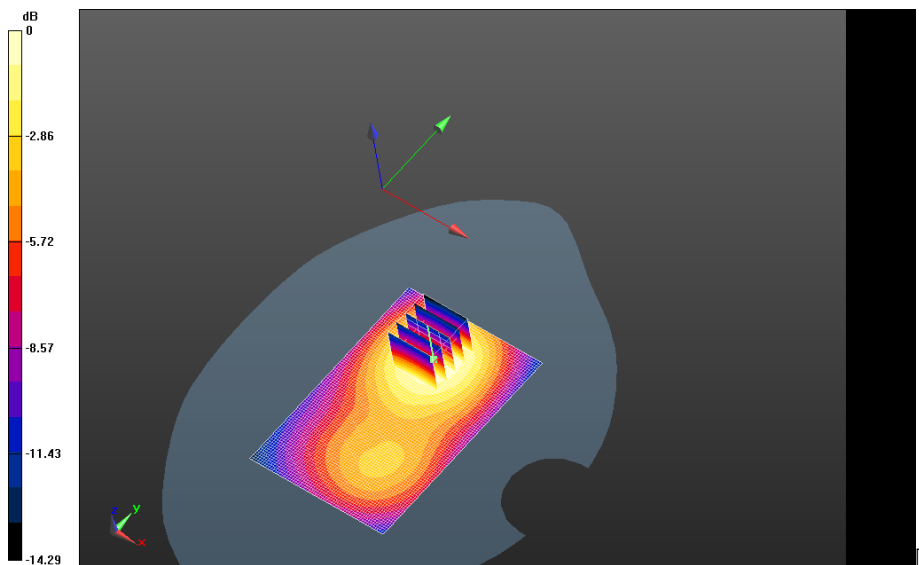
UMTS_Band_IV_chan1413_amb_temp_23.8C_liq_temp_21.8C/Zoom Scan (21x21x36)/Cube 0:

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

Reference Value = 11.996 V/m; **Power Drift = -0.113 dB**

Averaged SAR: SAR(1g) = 0.353 W/kg; SAR(10g) = 0.221 W/kg

Maximum value of SAR (interpolated) = 0.557 W/kg



0 dB = 0.641 W/kg = -1.93 dBW/kg

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Body Worn MSL - UMTS Band IV/Holster Device Front -

UMTS_Band_IV_chan1413_amb_temp_23.8C_liq_temp_21.8C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.527 W/kg

Body Worn MSL - UMTS Band IV/Holster Device Front -

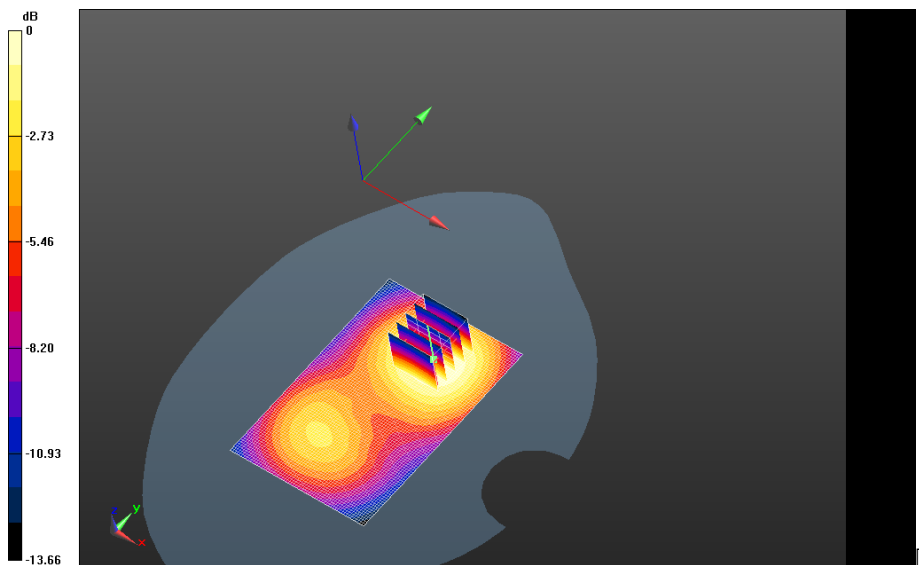
UMTS_Band_IV_chan1413_amb_temp_23.8C_liq_temp_21.8C/Zoom Scan (21x21x36)/Cube 0:

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

Reference Value = 10.764 V/m; **Power Drift = -0.039 dB**

Averaged SAR: SAR(1g) = 0.431 W/kg; SAR(10g) = 0.274 W/kg

Maximum value of SAR (interpolated) = 0.669 W/kg



0 dB = 0.421 W/kg = -3.76 dBW/kg

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LTE Band 2

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Date: 5/30/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFB6AF

Configuration: Body Worn MSL - LTE 2

Communication System: LTE band 2; Communication System Band: LTE band 2; Frequency: 1880 MHz

Medium Parameters used: $f=1880$ MHz; $\sigma = 1.547$ S/m; $\epsilon_r = 51.275$; $\rho = 1.000$ 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)

Body Worn MSL - LTE 2/15mm Device Back -

LTE_2_chan18900_RB1_Offset99_amb_temp_23.7C_liq_temp_21.9C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.522 W/kg

Body Worn MSL - LTE 2/15mm Device Back -

LTE_2_chan18900_RB1_Offset99_amb_temp_23.7C_liq_temp_21.9C/Zoom Scan

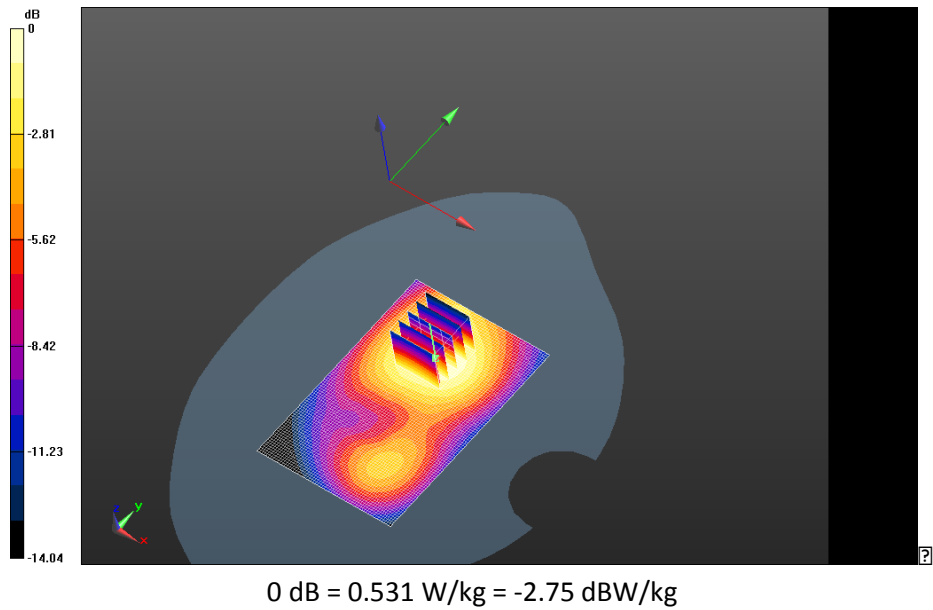
(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 11.828 V/m; **Power Drift = 0.031 dB**

Averaged SAR: SAR(1g) = 0.454 W/kg; SAR(10g) = 0.292 W/kg

Maximum value of SAR (interpolated) = 0.685 W/kg

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Body Worn MSL - LTE 2 RB 50/15mm Device Back -

LTE_2_chan18900_RB50_Offset50_amb_temp_21.7C_liq_temp_21.2C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.435 W/kg

Body Worn MSL - LTE 2 RB 50/15mm Device Back -

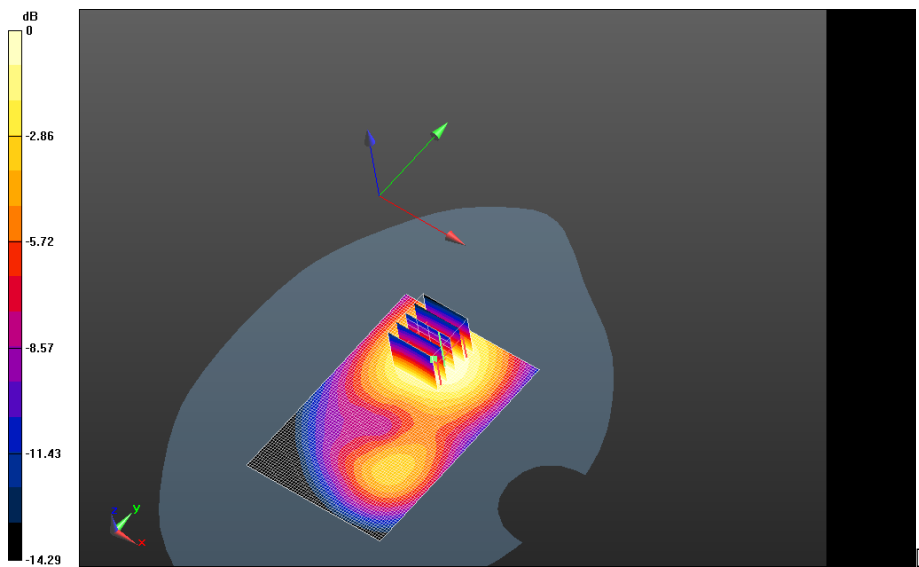
LTE_2_chan18900_RB50_Offset50_amb_temp_21.7C_liq_temp_21.2C/Zoom Scan

(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 7.903 V/m; **Power Drift = -0.00795 dB**

Averaged SAR: SAR(1g) = 0.370 W/kg; SAR(10g) = 0.236 W/kg

Maximum value of SAR (interpolated) = 0.562 W/kg



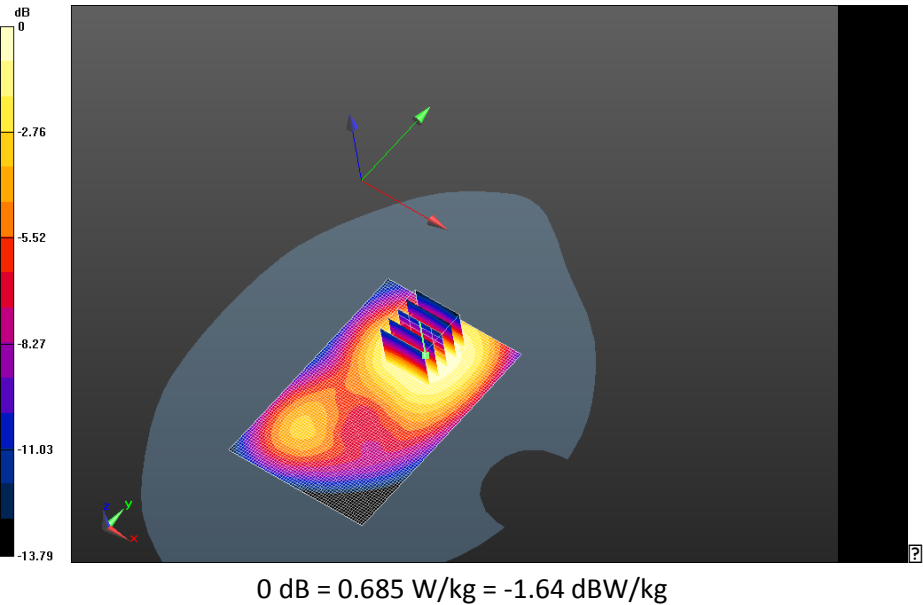
0 dB = 0.431 W/kg = -3.66 dBW/kg

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Body Worn MSL - LTE 2/15mm Device Front -
LTE_2_chan18900_RB1_Offset99_amb_temp_22.0C_liq_temp_21.5C/Area Scan (61x91x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.693 W/kg

Body Worn MSL - LTE 2/15mm Device Front -
LTE_2_chan18900_RB1_Offset99_amb_temp_22.0C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.410 V/m; **Power Drift = 0.00875 dB**

Averaged SAR: SAR(1g) = 0.588 W/kg; SAR(10g) = 0.376 W/kg
Maximum value of SAR (interpolated) = 0.908 W/kg



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Body Worn MSL - LTE 2/Holster Device Back -

LTE_2_chan18900_RB1_Offset99_amb_temp_23.7C_liq_temp_21.9C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.280 W/kg

Body Worn MSL - LTE 2/Holster Device Back -

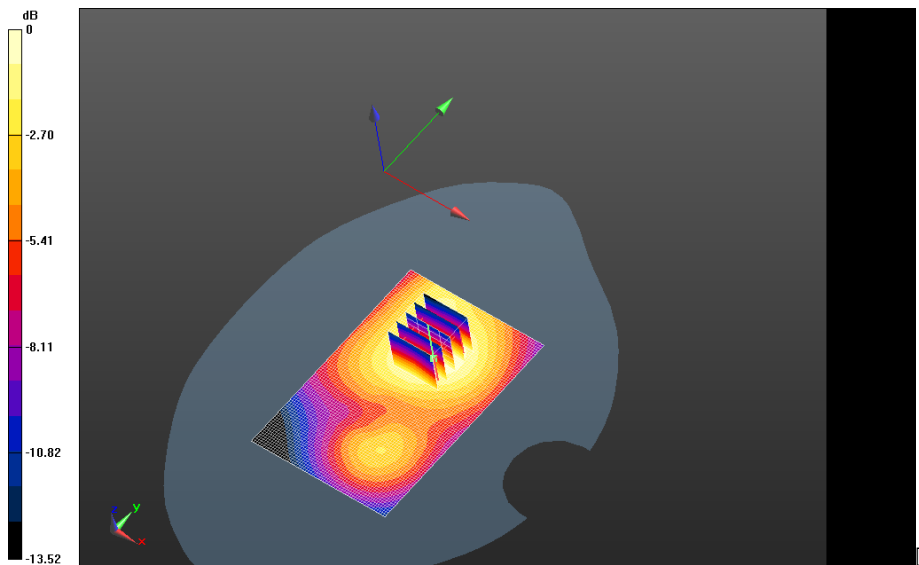
LTE_2_chan18900_RB1_Offset99_amb_temp_23.7C_liq_temp_21.9C/Zoom Scan

(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 10.048 V/m; **Power Drift = -0.097 dB**

Averaged SAR: SAR(1g) = 0.243 W/kg; SAR(10g) = 0.157 W/kg

Maximum value of SAR (interpolated) = 0.363 W/kg



0 dB = 0.531 W/kg = -2.75 dBW/kg

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Body Worn MSL - LTE 2/Holster Device Front -

LTE_2_chan18900_RB1_Offset99_amb_temp_23.7C_liq_temp_21.9C/Area Scan (61x91x1):

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

Maximum value of SAR (interpolated) = 0.381 W/kg

Body Worn MSL - LTE 2/Holster Device Front -

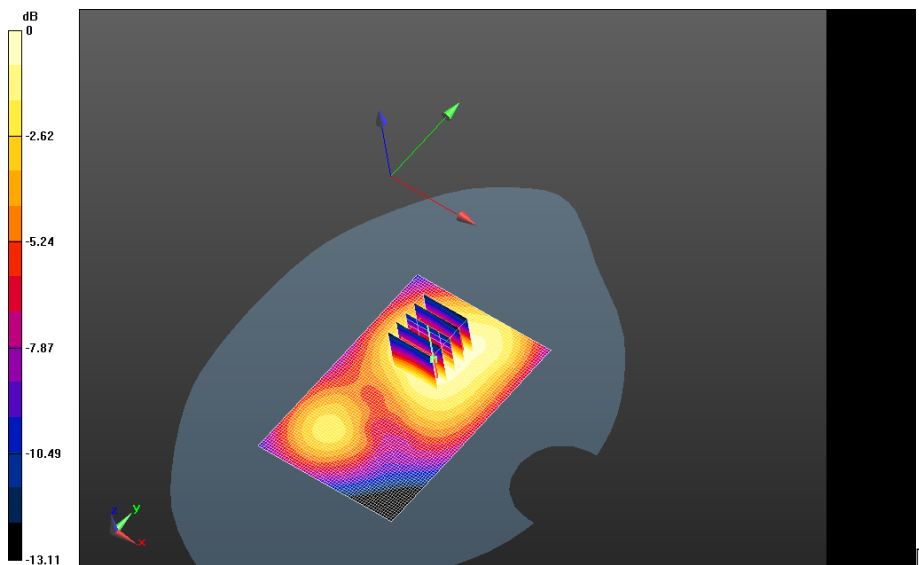
LTE_2_chan18900_RB1_Offset99_amb_temp_23.7C_liq_temp_21.9C/Zoom Scan

(21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 11.900 V/m; **Power Drift = -0.135 dB**

Averaged SAR: SAR(1g) = 0.321 W/kg; SAR(10g) = 0.209 W/kg

Maximum value of SAR (interpolated) = 0.485 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

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GPRS 1900

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Date: 3/27/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2AB035B7

Configuration: Body Worn MSL - GPRS 1900

Communication System: GPRS 1900; Communication System Band: GPRS 1900; Frequency: 1880 MHz

Medium Parameters used: $f=1880$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 50.890$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS

1900_mid_chan_amb_temp_23.3C_liq_temp_21.2C/Area Scan (61x91x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.246 W/kg

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS

1900_mid_chan_amb_temp_23.3C_liq_temp_21.2C/Zoom Scan (21x21x36)/Cube 0:

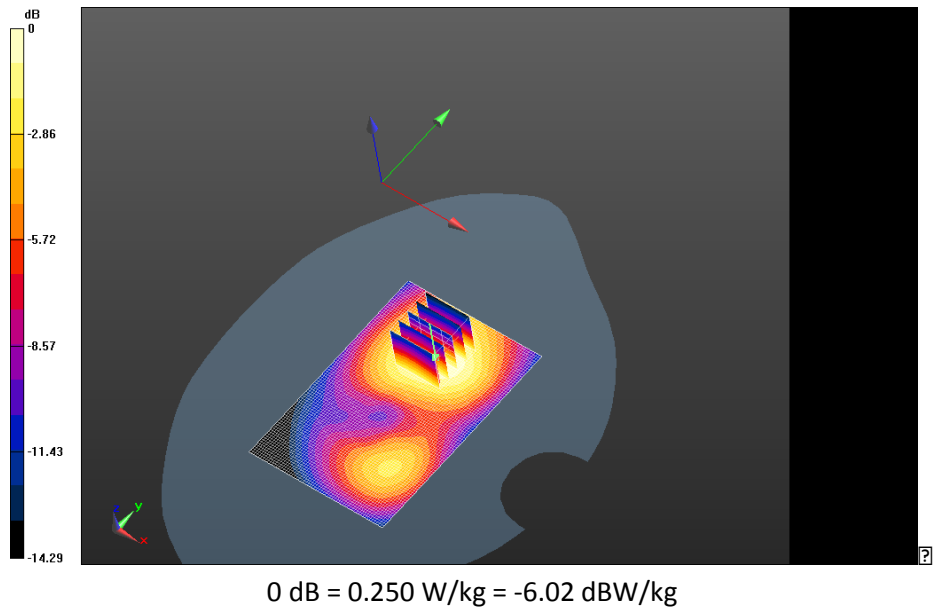
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 6.493 V/m; **Power Drift = -0.013 dB**

Averaged SAR: SAR(1g) = 0.212 W/kg; SAR(10g) = 0.134 W/kg

Maximum value of SAR (interpolated) = 0.323 W/kg

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UMTS Band II

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Date: 5/10/2013

Test Lab: RIM Testing Services

DUT Name: BlackBerry Smartphone, Type: Sample , Serial: 2FFFB6AF

Configuration: Body Worn MSL - UMTS Band II

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

Medium Parameters used: $f=1880$ MHz; $\sigma = 1.532$ S/m; $\epsilon_r = 50.785$; $\rho = 1.000$ 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 52.8.4(1052); SEMCAD X Version 14.6.8 (7028)

Body Worn MSL - UMTS Band II/15mm Device Back -

UMTS_II_mid_chan_amb_temp_23.7C_liq_temp_22.0C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.547 W/kg

Body Worn MSL - UMTS Band II/15mm Device Back -

UMTS_II_mid_chan_amb_temp_23.7C_liq_temp_22.0C/Zoom Scan (21x21x36)/Cube 0:

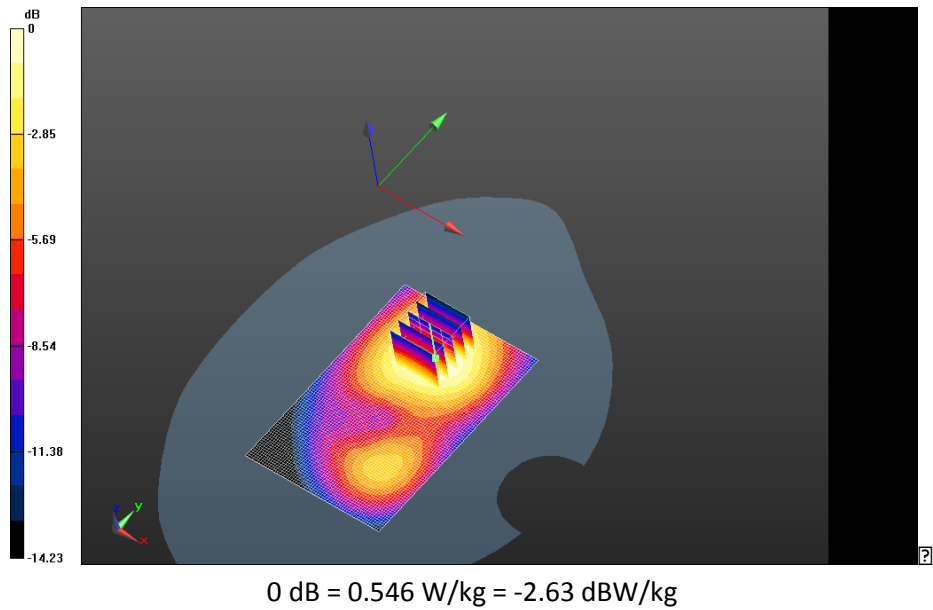
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm

Reference Value = 9.697 V/m; **Power Drift = -0.020 dB**

Averaged SAR: SAR(1g) = 0.466 W/kg; SAR(10g) = 0.298 W/kg

Maximum value of SAR (interpolated) = 0.706 W/kg

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Z axis plot for the worst case body configuration

