APPENDIX B: SAR DISTRIBUTION PLOTS FOR EACH CONFIGURATION PART 2 of 3 (1800 – 1900 MHz)

LTE Band 4

Date: 7/28/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Right-Hand-Side HSL - LTE band 4 - Slider Closed

Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1745 MHz
Medium Parameters used: f=1745 MHz; σ = 1.374 S/m; ε_r = 38.575; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

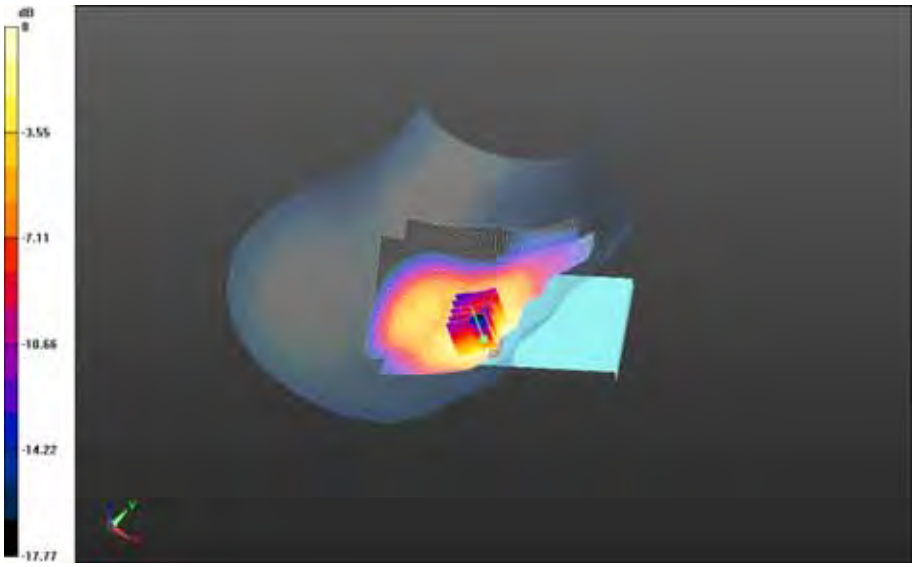
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.725 V/m; **Power Drift = -0.00972 dB**

Fast SAR: SAR(1g) = 0.255 W/kg; SAR(10g) = 0.151 W/kg
Maximum value of SAR (interpolated) = 0.280 W/kg

Right-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.725 V/m; **Power Drift = -0.00972 dB**

Averaged SAR: SAR(1g) = 0.258 W/kg; SAR(10g) = 0.164 W/kg
Maximum value of SAR (interpolated) = 0.363 W/kg



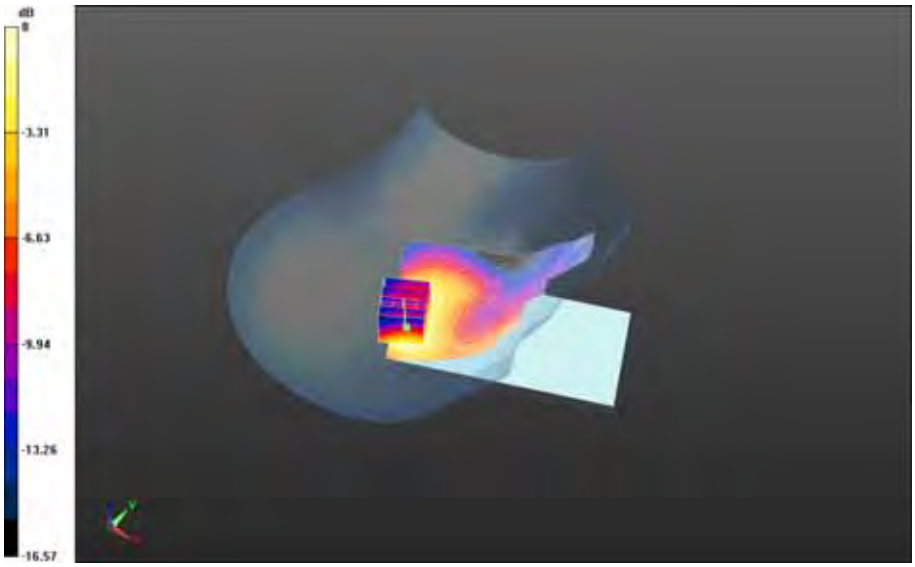
0 dB = 0.276 W/kg = -5.59 dBW/kg

Right-Hand-Side HSL - LTE band 4 - Slider Closed/Tilt Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.513 V/m; **Power Drift = 0.054 dB**

Fast SAR: SAR(1g) = 0.198 W/kg; SAR(10g) = 0.121 W/kg
Maximum value of SAR (interpolated) = 0.213 W/kg

Right-Hand-Side HSL - LTE band 4 - Slider Closed/Tilt Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.2C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.513 V/m; **Power Drift = 0.054 dB**

Averaged SAR: SAR(1g) = 0.217 W/kg; SAR(10g) = 0.132 W/kg
Maximum value of SAR (interpolated) = 0.320 W/kg



0 dB = 0.238 W/kg = -6.23 dBW/kg

Date: 7/28/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Left-Hand-Side HSL - LTE band 4 - Slider Closed

Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.352 S/m; ε_r = 38.662; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

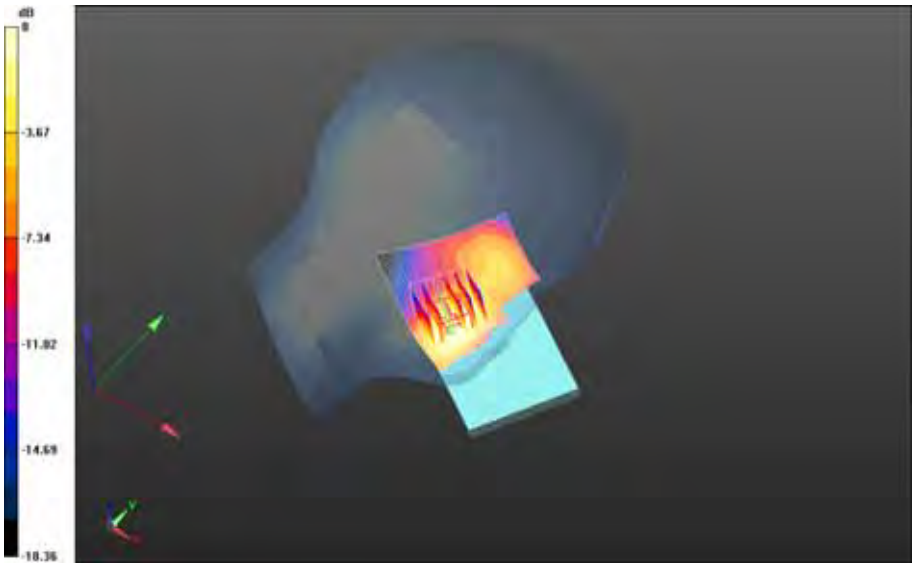
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20050_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.109 V/m; **Power Drift = 0.250 dB**

Fast SAR: SAR(1g) = 0.682 W/kg; SAR(10g) = 0.411 W/kg
Maximum value of SAR (interpolated) = 0.741 W/kg

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20050_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.1C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.109 V/m; **Power Drift = 0.250 dB**

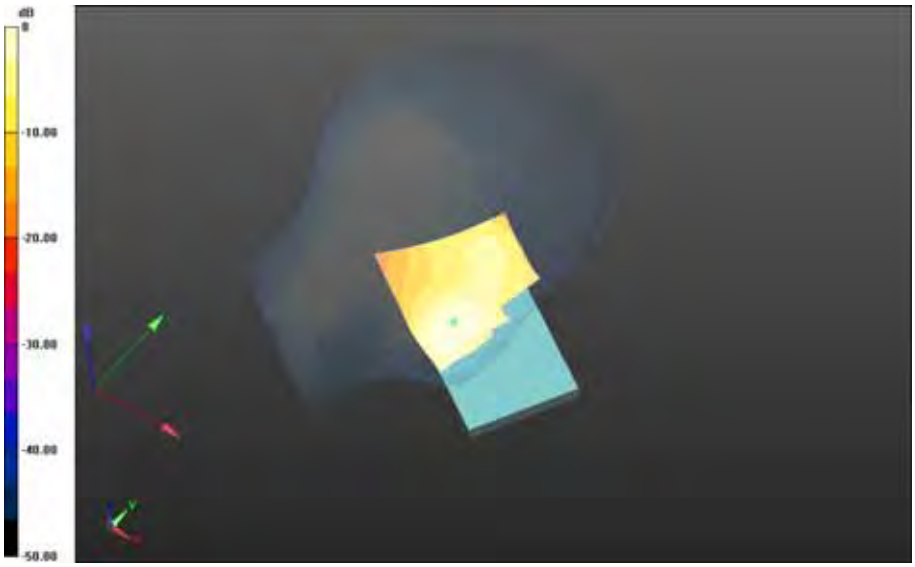
Averaged SAR: SAR(1g) = 0.714 W/kg; SAR(10g) = 0.456 W/kg
Maximum value of SAR (interpolated) = 1.03 W/kg



0 dB = 0.776 W/kg = -1.10 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20175_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.910 V/m; **Power Drift = -0.042 dB**

Fast SAR: SAR(1g) = 0.504 W/kg; SAR(10g) = 0.302 W/kg
Maximum value of SAR (interpolated) = 0.549 W/kg



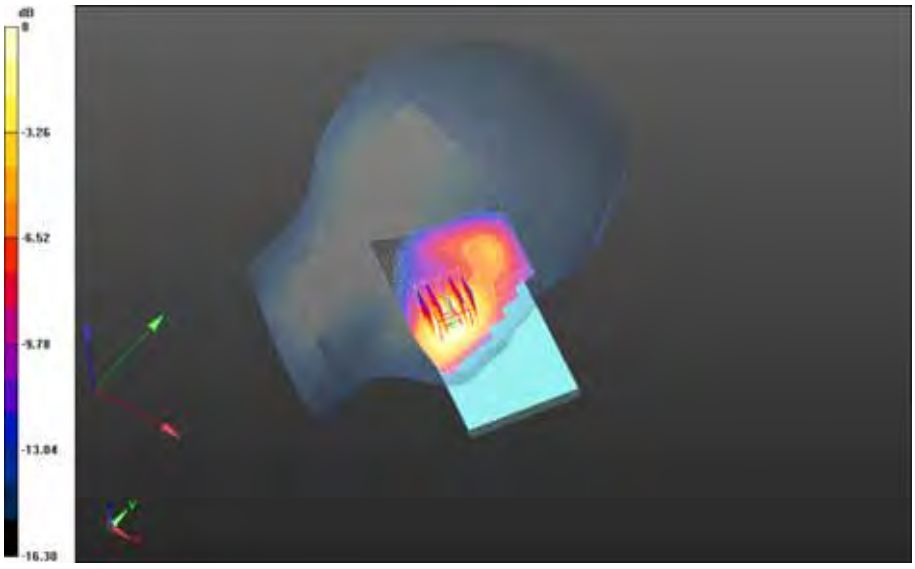
0 dB = 0.549 W/kg = -2.60 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.361 V/m; **Power Drift = -0.148 dB**

Fast SAR: SAR(1g) = 0.557 W/kg; SAR(10g) = 0.326 W/kg
Maximum value of SAR (interpolated) = 0.618 W/kg

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.361 V/m; **Power Drift = -0.148 dB**

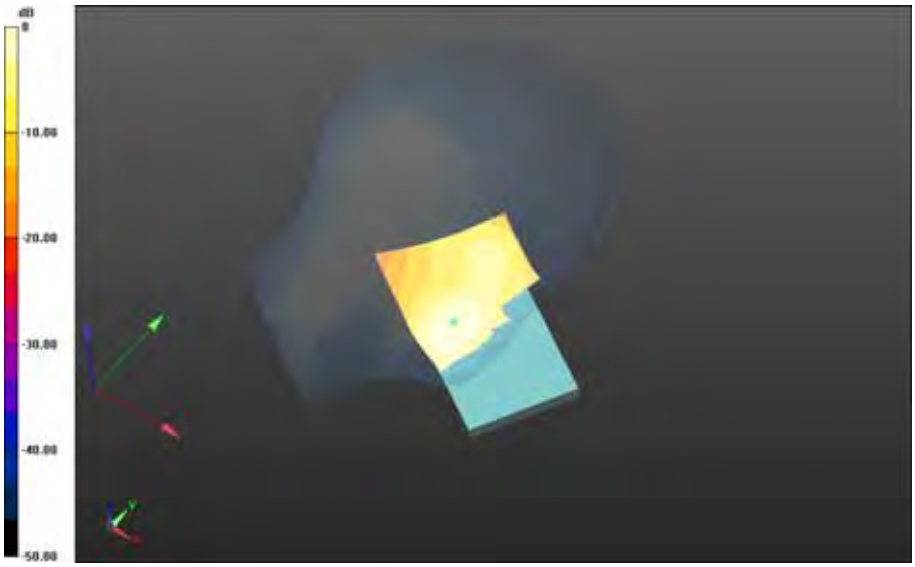
Averaged SAR: SAR(1g) = 0.546 W/kg; SAR(10g) = 0.345 W/kg
Maximum value of SAR (interpolated) = 0.782 W/kg



0 dB = 0.602 W/kg = -2.20 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20300_20MHz_BW_RB50_Offset_High_amb_temp_23.6C_liq_temp_22.3C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.912 V/m; **Power Drift = 0.043 dB**

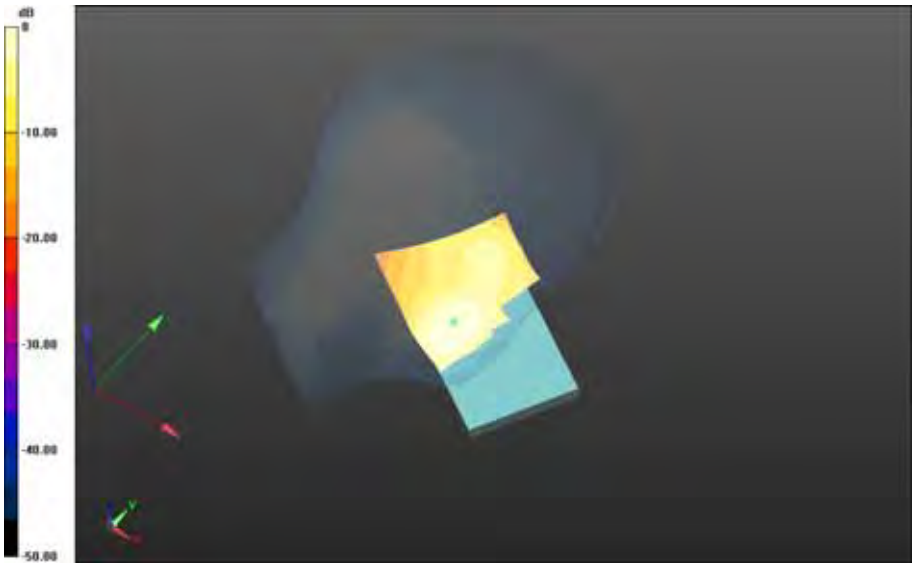
Fast SAR: SAR(1g) = 0.387 W/kg; SAR(10g) = 0.232 W/kg
Maximum value of SAR (interpolated) = 0.422 W/kg



0 dB = 0.422 W/kg = -3.75 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Touch Position - LTE band 4_chan20300_20MHz_BW_RB100_Offset_Low_amb_temp_23.6C_liq_temp_22.3C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.210 V/m; **Power Drift = -0.115 dB**

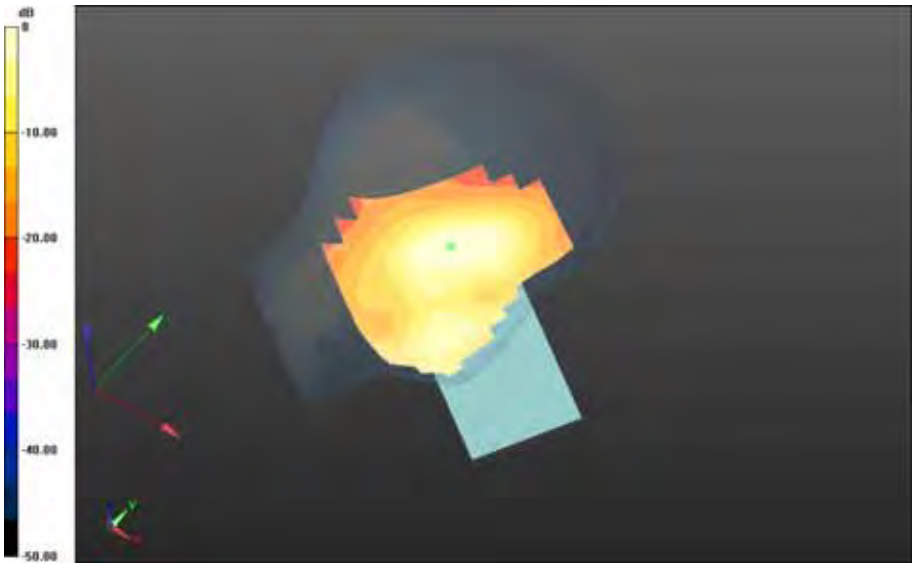
Fast SAR: SAR(1g) = 0.398 W/kg; SAR(10g) = 0.238 W/kg
Maximum value of SAR (interpolated) = 0.434 W/kg



0 dB = 0.434 W/kg = -3.63 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Closed/Tilt Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.3C/Area Scan 2 (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.652 V/m; **Power Drift = -0.072 dB**

Fast SAR: SAR(1g) = 0.220 W/kg; SAR(10g) = 0.127 W/kg
Maximum value of SAR (interpolated) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg

Date: 7/28/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Right-Hand-Side HSL - LTE band 4 - Slider Open

Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1745 MHz
Medium Parameters used: f=1745 MHz; σ = 1.374 S/m; ε_r = 38.575; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - LTE band 4 - Slider Open/Touch Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.635 V/m; **Power Drift = 0.203 dB**

Fast SAR: SAR(1g) = 0.240 W/kg; SAR(10g) = 0.148 W/kg
Maximum value of SAR (interpolated) = 0.262 W/kg

0 dB = 0.262 W/kg = -5.82 dBW/kg

Right-Hand-Side HSL - LTE band 4 - Slider Open/Tilt Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.624 V/m; **Power Drift = 0.263 dB**

Fast SAR: SAR(1g) = 0.267 W/kg; SAR(10g) = 0.164 W/kg
Maximum value of SAR (interpolated) = 0.289 W/kg

0 dB = 0.289 W/kg = -5.39 dBW/kg

Date: 7/28/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - LTE band 4 - Slider Open

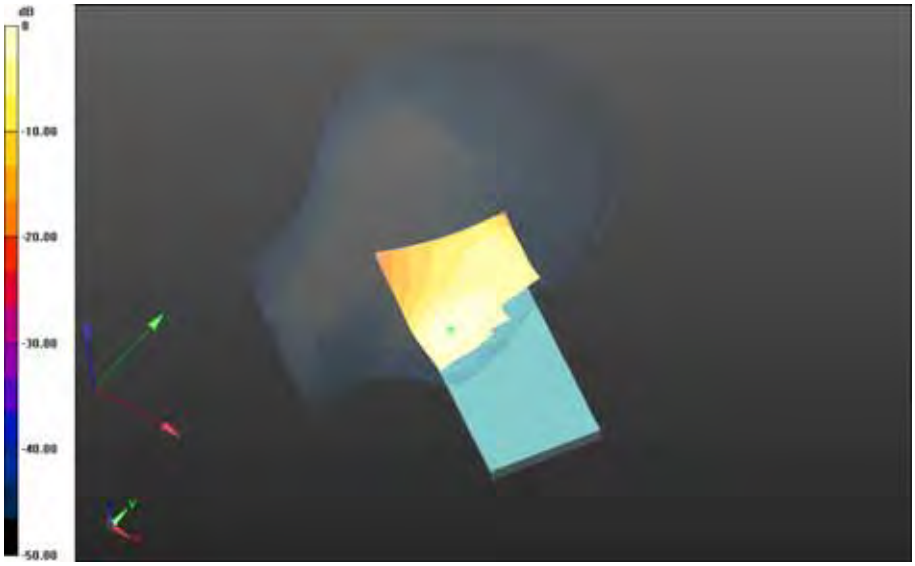
Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.352 S/m; ε_r = 38.662; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - LTE band 4 - Slider Open/Touch Position - LTE band 4_chan20050_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.3C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.035 V/m; **Power Drift = 0.00643 dB**

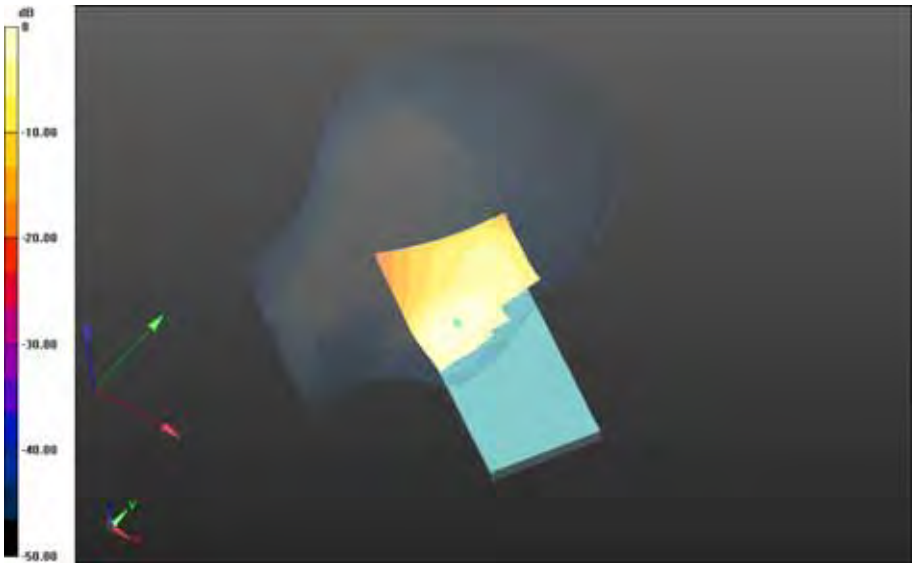
Fast SAR: SAR(1g) = 0.487 W/kg; SAR(10g) = 0.294 W/kg
Maximum value of SAR (interpolated) = 0.526 W/kg



0 dB = 0.526 W/kg = -2.79 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Open/Touch Position - LTE band 4_chan20175_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.008 V/m; **Power Drift = 0.046 dB**

Fast SAR: SAR(1g) = 0.493 W/kg; SAR(10g) = 0.297 W/kg
Maximum value of SAR (interpolated) = 0.533 W/kg



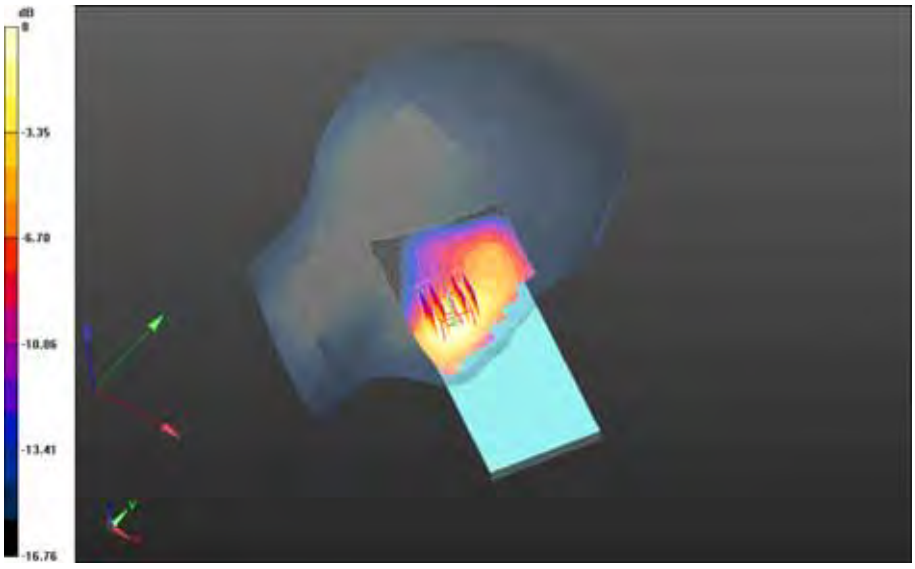
0 dB = 0.533 W/kg = -2.73 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Open/Touch Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.232 V/m; **Power Drift = -0.084 dB**

Fast SAR: SAR(1g) = 0.572 W/kg; SAR(10g) = 0.337 W/kg
Maximum value of SAR (interpolated) = 0.636 W/kg

Left-Hand-Side HSL - LTE band 4 - Slider Open/Touch Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.232 V/m; **Power Drift = -0.084 dB**

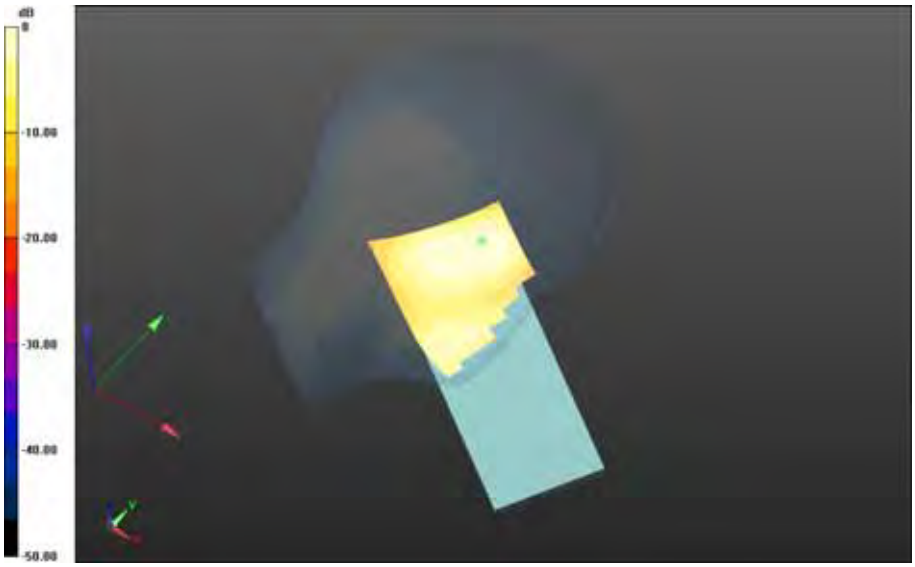
Averaged SAR: SAR(1g) = 0.567 W/kg; SAR(10g) = 0.358 W/kg
Maximum value of SAR (interpolated) = 0.811 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

Left-Hand-Side HSL - LTE band 4 - Slider Open/Tilt Position - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.1C/Area Scan 2 (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.817 V/m; **Power Drift = 0.138 dB**

Fast SAR: SAR(1g) = 0.352 W/kg; SAR(10g) = 0.210 W/kg
Maximum value of SAR (interpolated) = 0.393 W/kg



0 dB = 0.393 W/kg = -4.06 dBW/kg

Date: 8/31/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Mobile Hot Spot MSL - LTE band 4 - Slider Closed

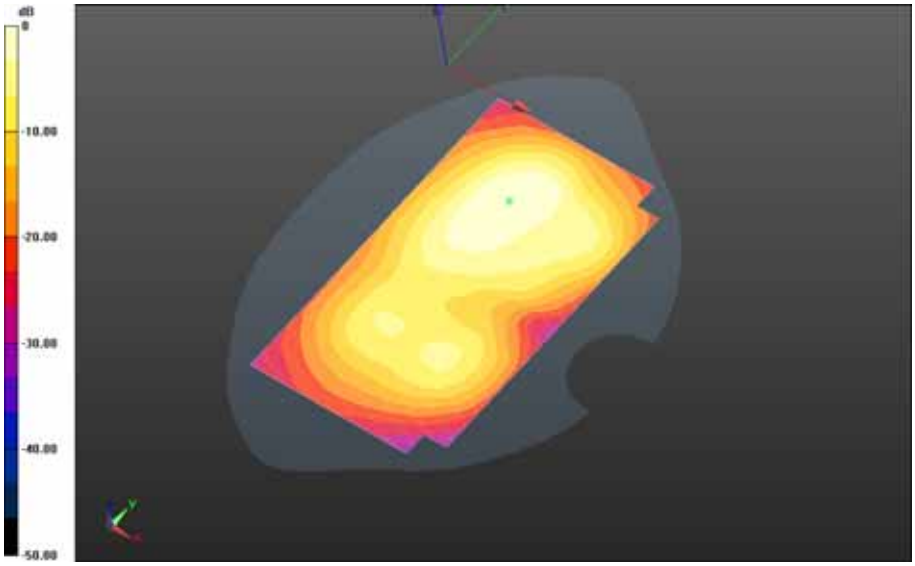
Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1745 MHz
Medium Parameters used: f=1745 MHz; σ = 1.526 S/m; ε_r = 51.189; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE band 4 - Slider Closed/10mm Device Back - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_24.0C_liq_temp_23.1C/Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.831 V/m; **Power Drift = 0.028 dB**

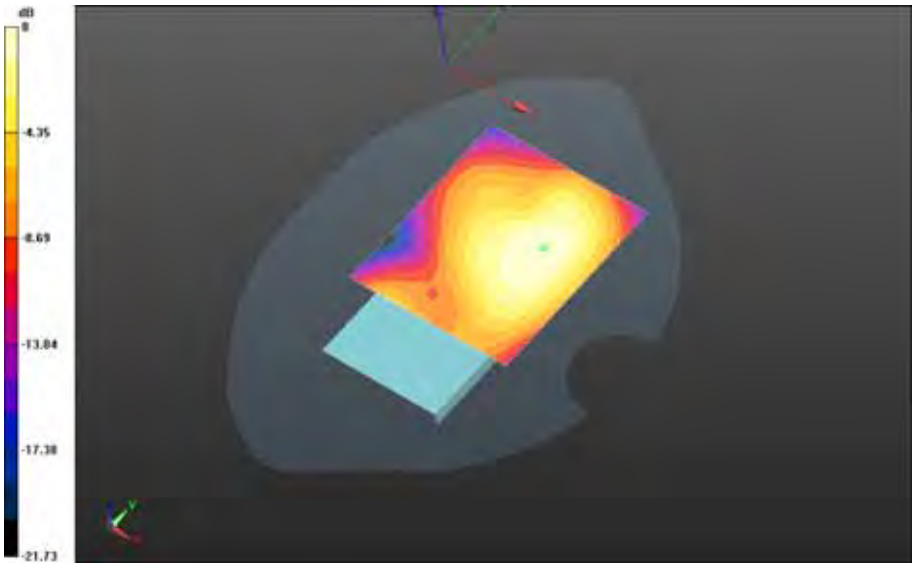
Fast SAR: SAR(1g) = 0.464 W/kg; SAR(10g) = 0.279 W/kg
Maximum value of SAR (interpolated) = 0.510 W/kg



0 dB = 0.510 W/kg = -2.92 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Closed/10mm Device Front - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.5C/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.429 V/m; **Power Drift = 0.063 dB**

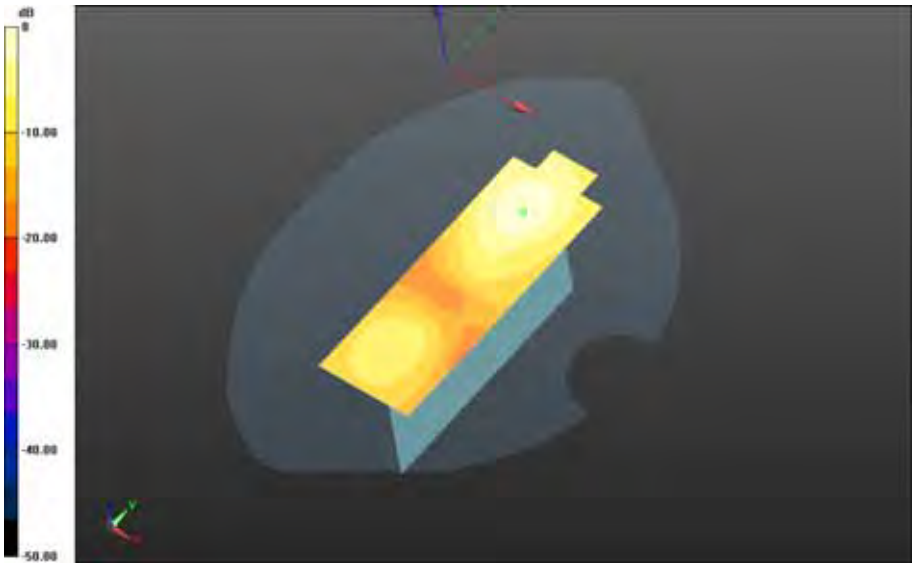
Fast SAR: SAR(1g) = 0.428 W/kg; SAR(10g) = 0.263 W/kg
Maximum value of SAR (interpolated) = 0.469 W/kg



0 dB = 0.469 W/kg = -3.29 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Closed/10mm Device Left - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 1.998 V/m; **Power Drift = -0.142 dB**

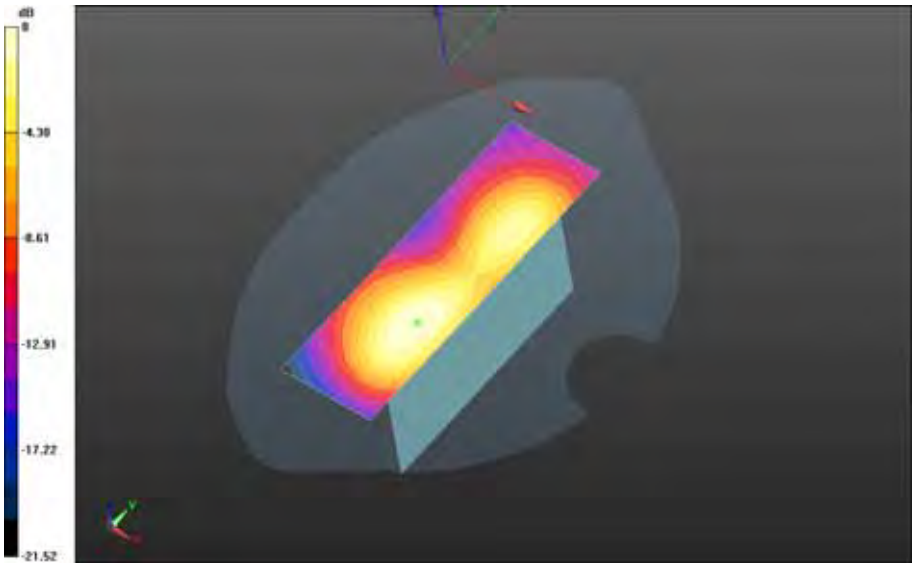
Fast SAR: SAR(1g) = 0.0704 W/kg; SAR(10g) = 0.0402 W/kg
Maximum value of SAR (interpolated) = 0.0859 W/kg



0 dB = 0.0859 W/kg = -10.66 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Closed/10mm Device Right - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.9C_liq_temp_22.6C/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.908 V/m; **Power Drift = 0.072 dB**

Fast SAR: SAR(1g) = 0.456 W/kg; SAR(10g) = 0.271 W/kg
Maximum value of SAR (interpolated) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Closed/10mm Device Bottom - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.025 V/m; **Power Drift = -0.00646 dB**

Fast SAR: SAR(1g) = 0.105 W/kg; SAR(10g) = 0.0601 W/kg
Maximum value of SAR (interpolated) = 0.120 W/kg

0 dB = 0.120 W/kg = -9.21 dBW/kg

Date: 8/31/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Mobile Hot Spot MSL - LTE band 4 - Slider Open

Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.498 S/m; ε_r = 51.268; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

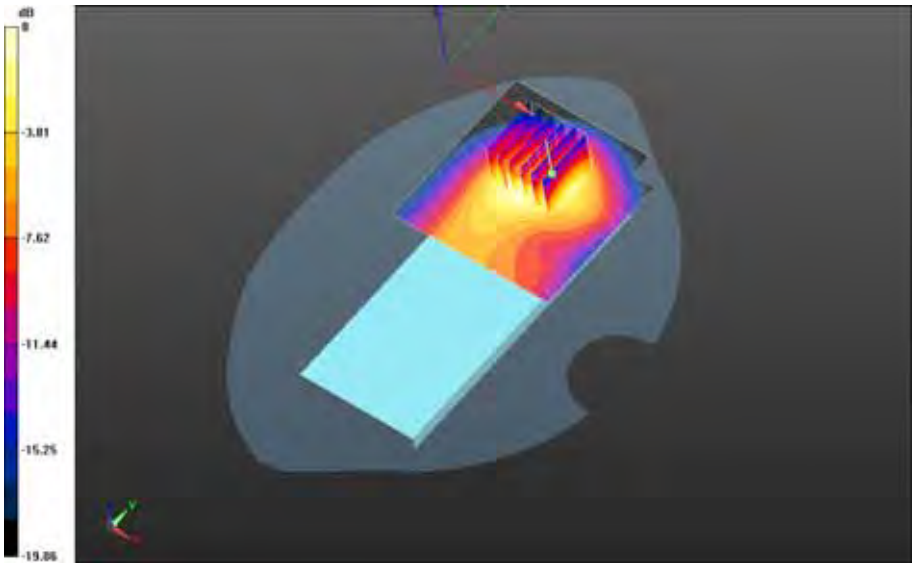
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back -LTE band 4_chan20050_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.7C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.010 V/m; **Power Drift = -0.000236 dB**

Fast SAR: SAR(1g) = 0.805 W/kg; SAR(10g) = 0.475 W/kg
Maximum value of SAR (interpolated) = 0.913 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back -LTE band 4_chan20050_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.7C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.010 V/m; **Power Drift = -0.000236 dB**

Averaged SAR: SAR(1g) = 0.758 W/kg; SAR(10g) = 0.472 W/kg
Maximum value of SAR (interpolated) = 1.18 W/kg



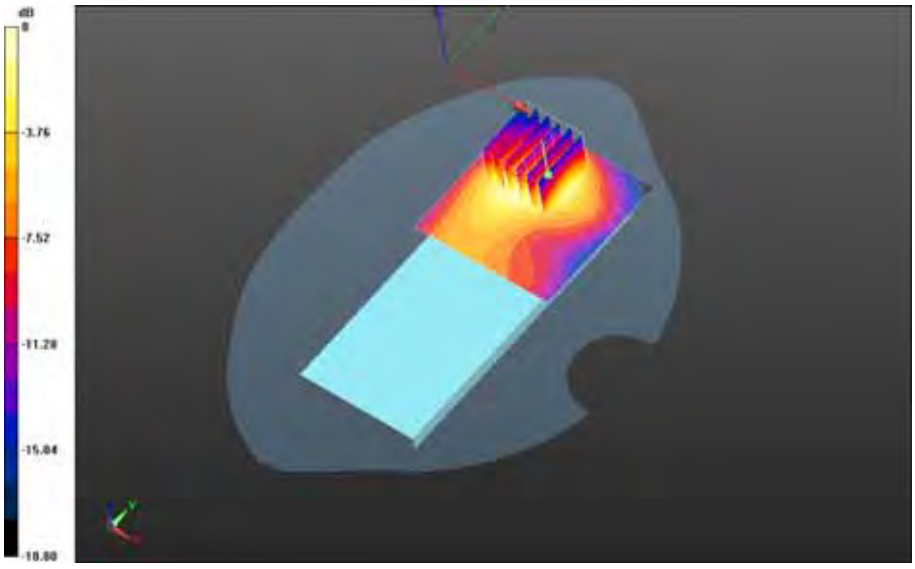
0 dB = 0.828 W/kg = -0.82 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20175_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.8C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.916 V/m; **Power Drift = -0.033 dB**

Fast SAR: SAR(1g) = 0.804 W/kg; SAR(10g) = 0.473 W/kg
Maximum value of SAR (interpolated) = 0.902 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20175_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.8C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.916 V/m; **Power Drift = -0.033 dB**

Averaged SAR: SAR(1g) = 0.748 W/kg; SAR(10g) = 0.460 W/kg
Maximum value of SAR (interpolated) = 1.16 W/kg



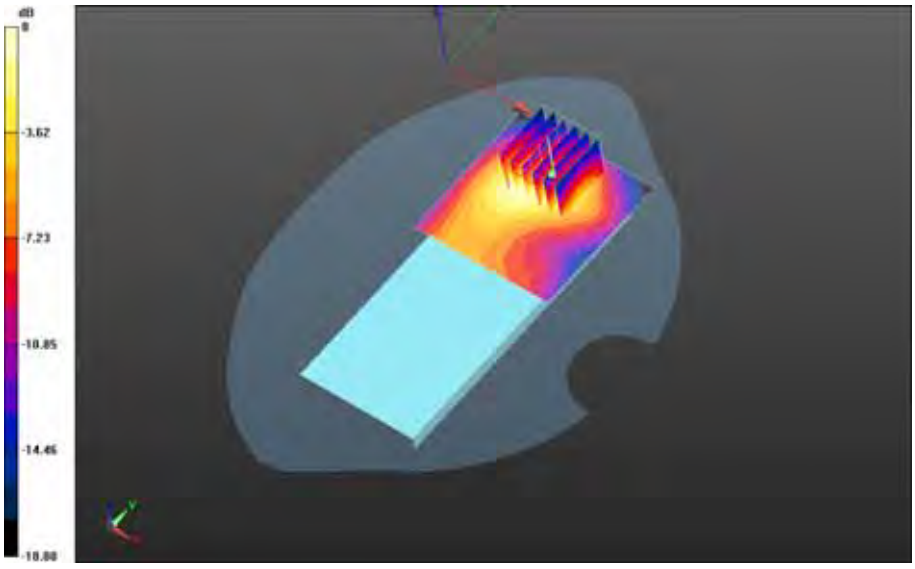
0 dB = 0.820 W/kg = -0.86 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.8C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.070 V/m; **Power Drift = 0.088 dB**

Fast SAR: SAR(1g) = 0.806 W/kg; SAR(10g) = 0.473 W/kg
Maximum value of SAR (interpolated) = 0.916 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.8C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.070 V/m; **Power Drift = 0.088 dB**

Averaged SAR: SAR(1g) = 0.746 W/kg; SAR(10g) = 0.457 W/kg
Maximum value of SAR (interpolated) = 1.17 W/kg



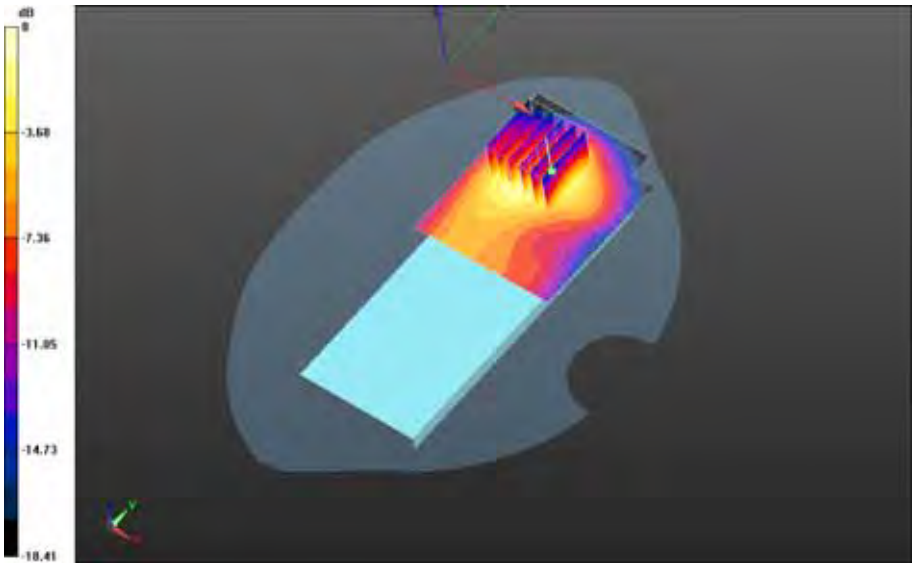
0 dB = 0.801 W/kg = -0.96 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back -LTE band 4_chan20050_20MHz_BW_RB50_Offset_High_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.078 V/m; **Power Drift = 0.012 dB**

Fast SAR: SAR(1g) = 0.828 W/kg; SAR(10g) = 0.483 W/kg
Maximum value of SAR (interpolated) = 0.947 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back -LTE band 4_chan20050_20MHz_BW_RB50_Offset_High_amb_temp_23.5C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.078 V/m; **Power Drift = 0.012 dB**

Averaged SAR: SAR(1g) = 0.766 W/kg; SAR(10g) = 0.471 W/kg
Maximum value of SAR (interpolated) = 1.20 W/kg



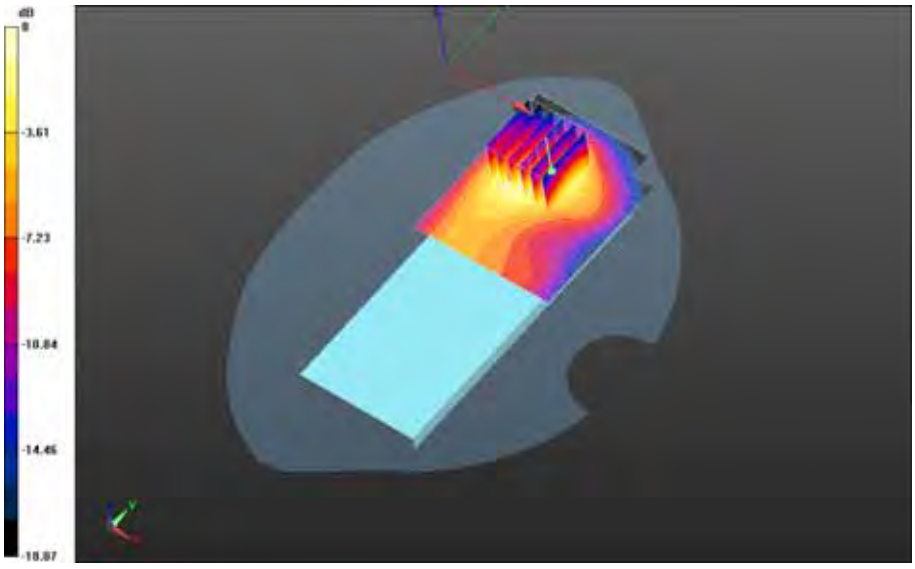
0 dB = 0.845 W/kg = -0.73 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20175_20MHz_BW_RB50_Offset_Low_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.111 V/m; **Power Drift = -0.013 dB**

Fast SAR: SAR(1g) = 0.813 W/kg; SAR(10g) = 0.473 W/kg
Maximum value of SAR (interpolated) = 0.935 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20175_20MHz_BW_RB50_Offset_Low_amb_temp_23.5C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.111 V/m; **Power Drift = -0.013 dB**

Averaged SAR: SAR(1g) = 0.747 W/kg; SAR(10g) = 0.460 W/kg
Maximum value of SAR (interpolated) = 1.18 W/kg



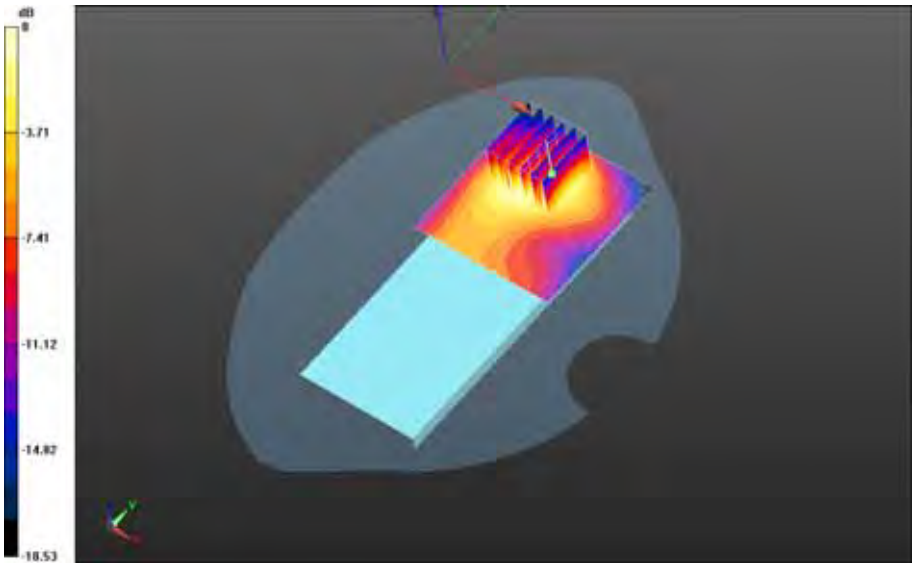
0 dB = 0.822 W/kg = -0.85 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20300_20MHz_BW_RB50_Offset_High_amb_temp_23.8C_liq_temp_22.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.772 V/m; **Power Drift = -0.013 dB**

Fast SAR: SAR(1g) = 0.746 W/kg; SAR(10g) = 0.437 W/kg
Maximum value of SAR (interpolated) = 0.847 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20300_20MHz_BW_RB50_Offset_High_amb_temp_23.8C_liq_temp_22.7C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.772 V/m; **Power Drift = -0.013 dB**

Averaged SAR: SAR(1g) = 0.697 W/kg; SAR(10g) = 0.425 W/kg
Maximum value of SAR (interpolated) = 1.11 W/kg



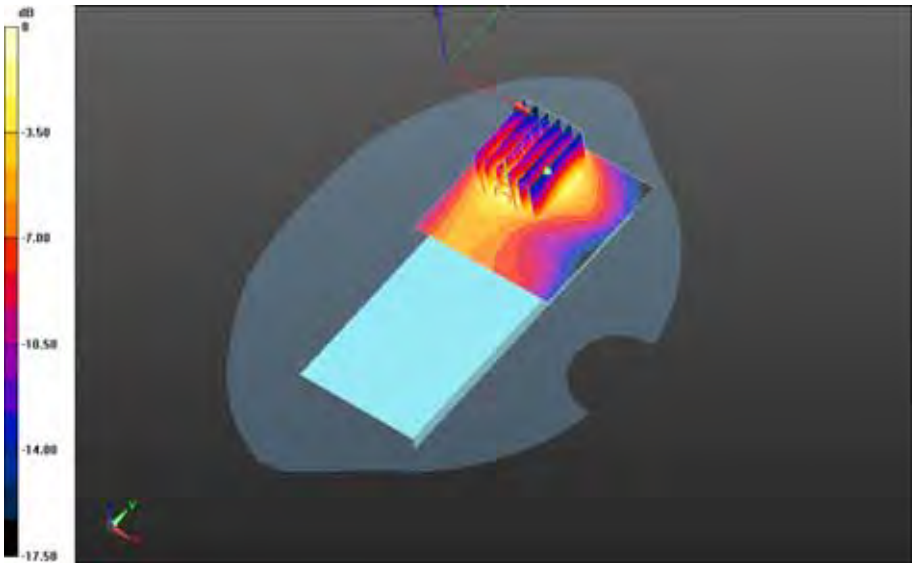
0 dB = 0.756 W/kg = -1.21 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20300_20MHz_BW_RB100_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.268 V/m; **Power Drift = 0.059 dB**

Fast SAR: SAR(1g) = 0.739 W/kg; SAR(10g) = 0.434 W/kg
Maximum value of SAR (interpolated) = 0.823 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Back - LTE band 4_chan20300_20MHz_BW_RB100_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Zoom Scan (26x31x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.268 V/m; **Power Drift = 0.059 dB**

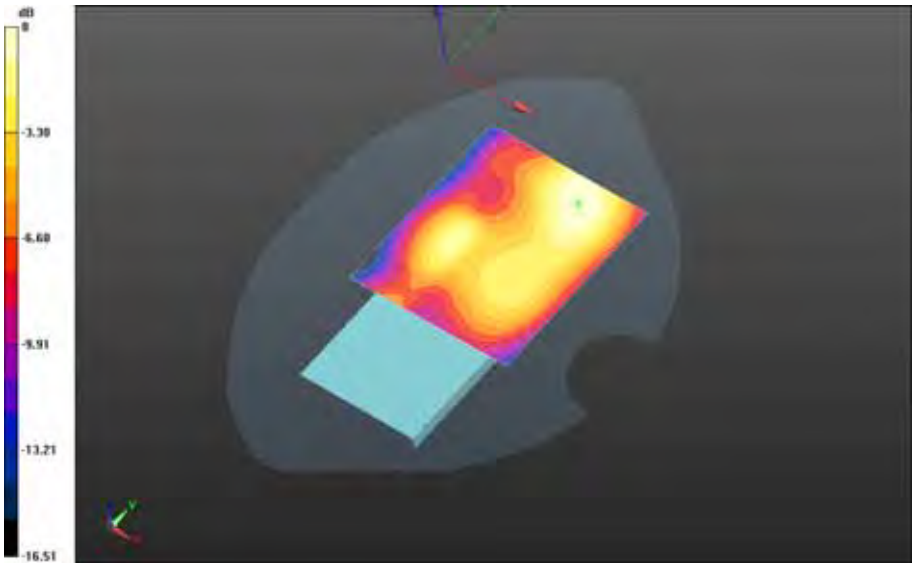
Averaged SAR: SAR(1g) = 0.730 W/kg; SAR(10g) = 0.464 W/kg
Maximum value of SAR (interpolated) = 1.07 W/kg



0 dB = 0.822 W/kg = -0.85 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Front - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.7C/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.690 V/m; **Power Drift = 0.019 dB**

Fast SAR: SAR(1g) = 0.423 W/kg; SAR(10g) = 0.256 W/kg
Maximum value of SAR (interpolated) = 0.460 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Left - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.726 V/m; **Power Drift = 0.083 dB**

Fast SAR: SAR(1g) = 0.0533 W/kg; SAR(10g) = 0.0310 W/kg
Maximum value of SAR (interpolated) = 0.0585 W/kg

0 dB = 0.0585 W/kg = -12.33 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Right - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.5C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.688 V/m; **Power Drift = -0.045 dB**

Fast SAR: SAR(1g) = 0.286 W/kg; SAR(10g) = 0.172 W/kg
Maximum value of SAR (interpolated) = 0.312 W/kg

0 dB = 0.312 W/kg = -5.06 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/10mm Device Bottom - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.128 V/m; **Power Drift = -0.067 dB**

Fast SAR: SAR(1g) = 0.173 W/kg; SAR(10g) = 0.103 W/kg
Maximum value of SAR (interpolated) = 0.189 W/kg

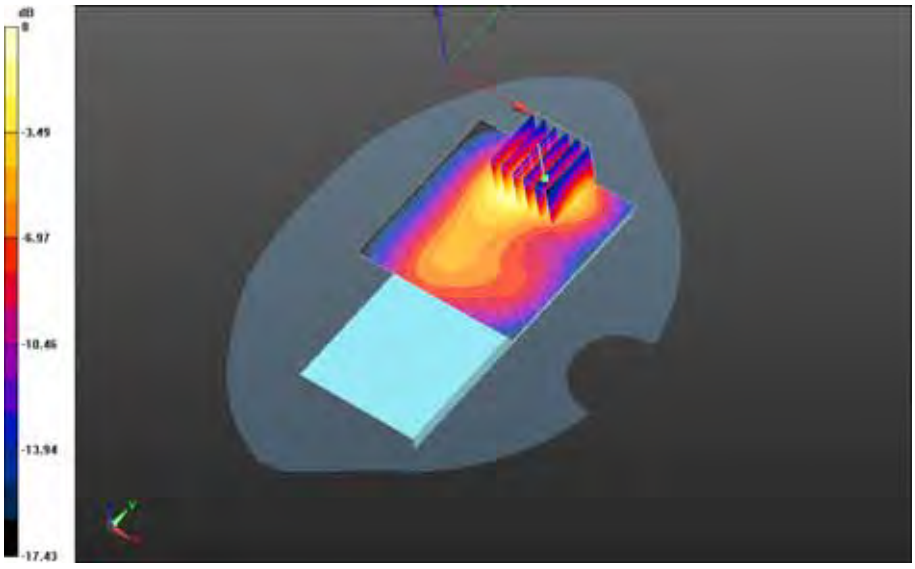
0 dB = 0.189 W/kg = -7.24 dBW/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/2nd Scan_10mm Device Back - LTE band 4_chan20050_20MHz_BW_RB50_Offset_High_amb_temp_23.6C_liq_temp_22.5C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.755 V/m; **Power Drift = 0.051 dB**

Fast SAR: SAR(1g) = 0.777 W/kg; SAR(10g) = 0.458 W/kg
Maximum value of SAR (interpolated) = 0.861 W/kg

Mobile Hot Spot MSL - LTE band 4 - Slider Open/2nd Scan_10mm Device Back - LTE band 4_chan20050_20MHz_BW_RB50_Offset_High_amb_temp_23.6C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.755 V/m; **Power Drift = 0.051 dB**

Averaged SAR: SAR(1g) = 0.747 W/kg; SAR(10g) = 0.461 W/kg
Maximum value of SAR (interpolated) = 1.16 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

Date: 7/28/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Body Worn MSL - LTE band 4 - Slider Closed

Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.493 S/m; ε_r = 51.574; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

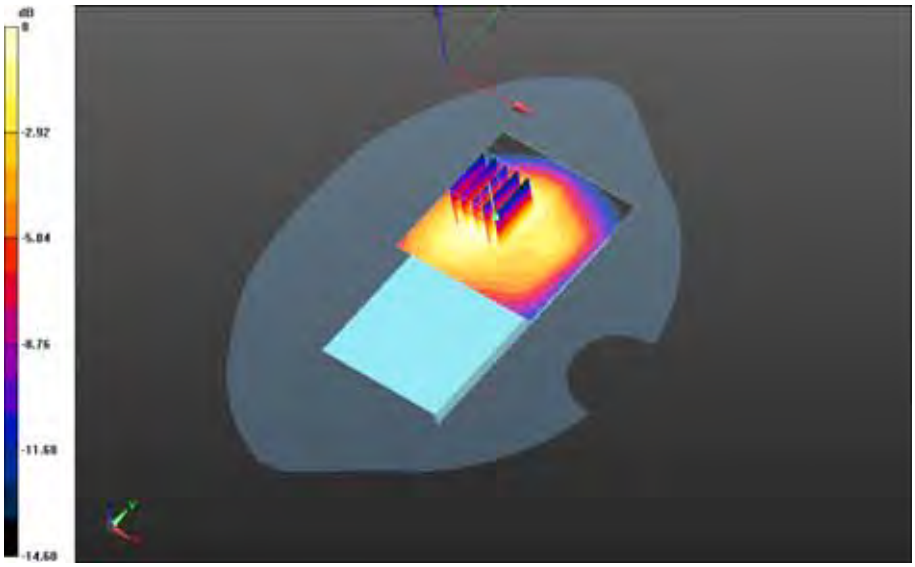
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE band 4 - Slider Closed/15mm Device Back - LTE band 4_chan20050_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_21.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.223 V/m; **Power Drift = 0.038 dB**

Fast SAR: SAR(1g) = 0.592 W/kg; SAR(10g) = 0.357 W/kg
Maximum value of SAR (interpolated) = 0.652 W/kg

Body Worn MSL - LTE band 4 - Slider Closed/15mm Device Back - LTE band 4_chan20050_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_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 = 12.223 V/m; **Power Drift = 0.038 dB**

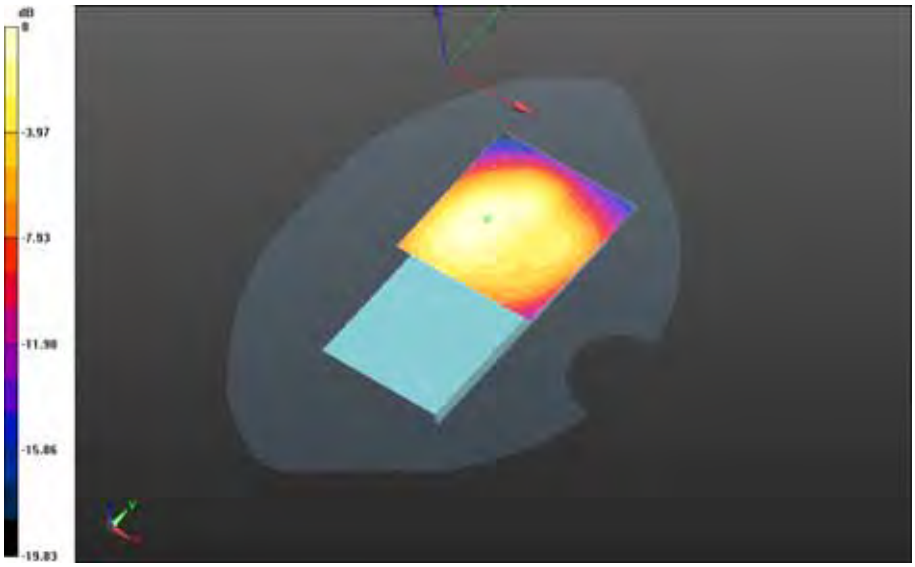
Averaged SAR: SAR(1g) = 0.595 W/kg; SAR(10g) = 0.387 W/kg
Maximum value of SAR (interpolated) = 0.760 W/kg



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

Body Worn MSL - LTE band 4 - Slider Closed/15mm Device Back - LTE band 4_chan20175_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.358 V/m; **Power Drift = -0.011 dB**

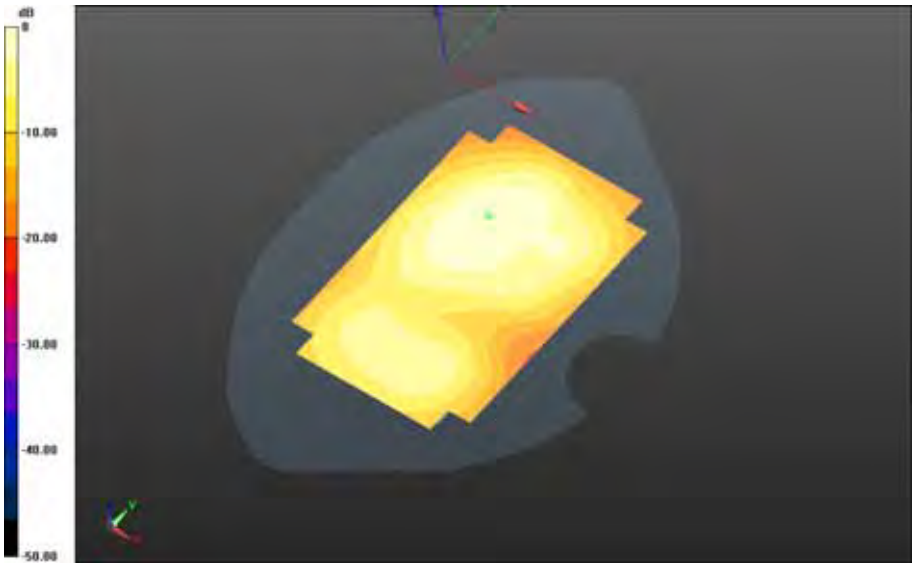
Fast SAR: SAR(1g) = 0.481 W/kg; SAR(10g) = 0.294 W/kg
Maximum value of SAR (interpolated) = 0.527 W/kg



0 dB = 0.527 W/kg = -2.78 dBW/kg

Body Worn MSL - LTE band 4 - Slider Closed/15mm Device Back - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.306 V/m; **Power Drift = -0.042 dB**

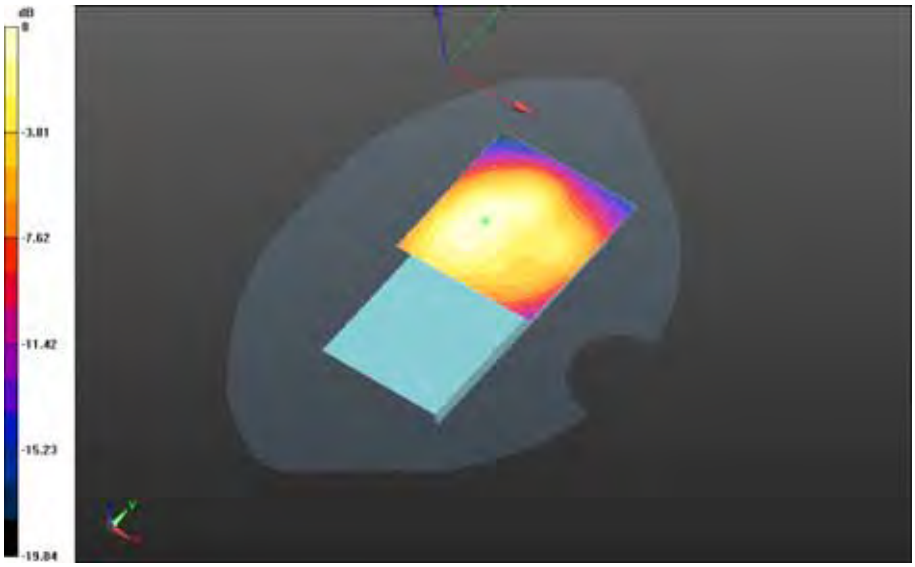
Fast SAR: SAR(1g) = 0.479 W/kg; SAR(10g) = 0.296 W/kg
Maximum value of SAR (interpolated) = 0.520 W/kg



0 dB = 0.520 W/kg = -2.84 dBW/kg

Body Worn MSL - LTE band 4 - Slider Closed/15mm Device Back - LTE band 4_chan20300_20MHz_BW_RB50_Offset_High_amb_temp_23.6C_liq_temp_21.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.897 V/m; **Power Drift = 0.105 dB**

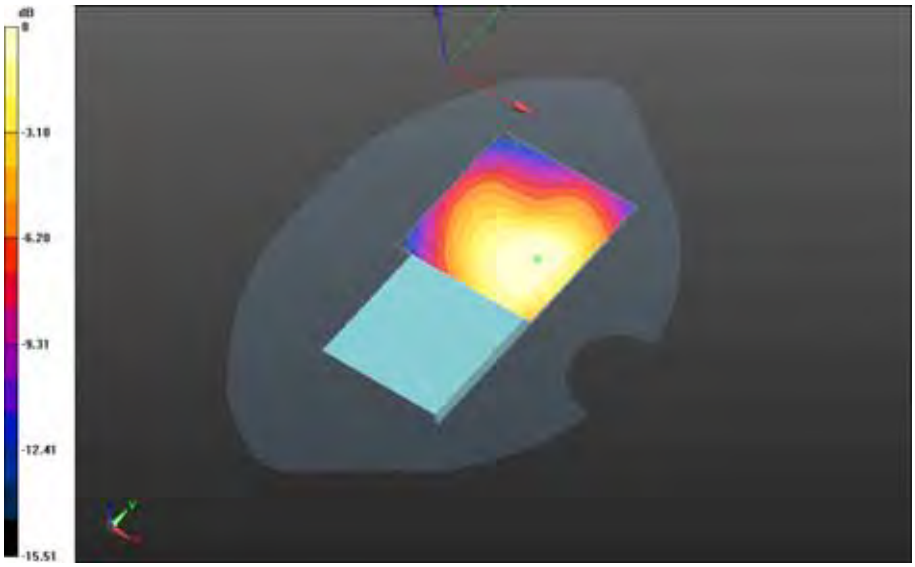
Fast SAR: SAR(1g) = 0.368 W/kg; SAR(10g) = 0.225 W/kg
Maximum value of SAR (interpolated) = 0.400 W/kg



0 dB = 0.400 W/kg = -3.98 dBW/kg

Body Worn MSL - LTE band 4 - Slider Closed/15mm Device Front - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_21.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.093 V/m; **Power Drift = 0.011 dB**

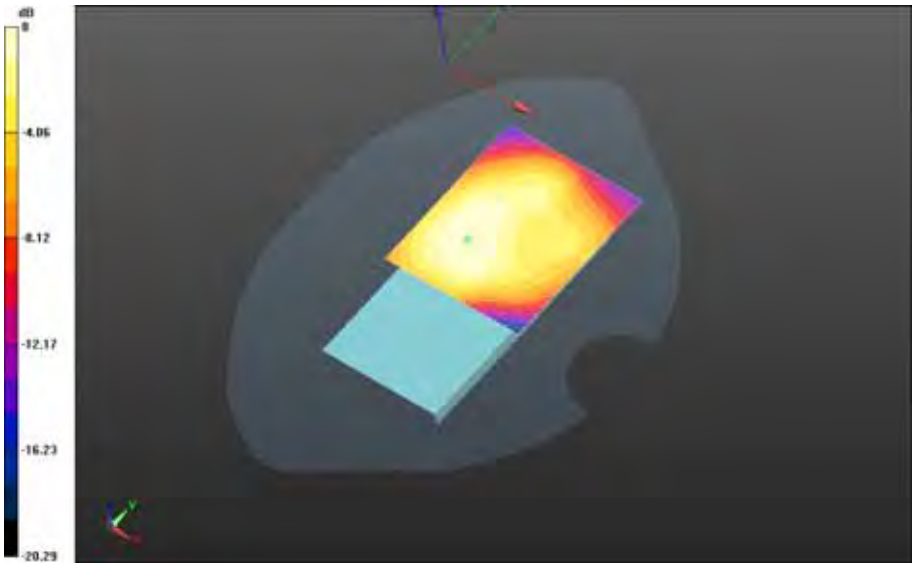
Fast SAR: SAR(1g) = 0.336 W/kg; SAR(10g) = 0.213 W/kg
Maximum value of SAR (interpolated) = 0.357 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg

Body Worn MSL - LTE band 4 - Slider Closed/Holster Device Back - LTE band 4_chan20300_20MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_21.9C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.480 V/m; **Power Drift = -0.040 dB**

Fast SAR: SAR(1g) = 0.230 W/kg; SAR(10g) = 0.144 W/kg
Maximum value of SAR (interpolated) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

UMTS Band IV

Date: 7/27/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL -UMTS band IV_slider closed

Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV;
Frequency: 1732.6 MHz
Medium Parameters used: f=1732.6 MHz; σ = 1.366 S/m; ε_r = 38.591; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL -UMTS band IV_slider closed/Touch Position -UMTS band IV_chan1413_amb_temp_23.9C_liq_temp_23.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.279 V/m; **Power Drift = 0.030 dB**

Fast SAR: SAR(1g) = 0.358 W/kg; SAR(10g) = 0.216 W/kg
Maximum value of SAR (interpolated) = 0.394 W/kg

0 dB = 0.394 W/kg = -4.05 dBW/kg

Right-Hand-Side HSL -UMTS band IV_slider closed/Tilt Position -UMTS band IV_chan1413_amb_temp_23.7C_liq_temp_23.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.413 V/m; **Power Drift = 0.00596 dB**

Fast SAR: SAR(1g) = 0.396 W/kg; SAR(10g) = 0.229 W/kg
Maximum value of SAR (interpolated) = 0.457 W/kg

0 dB = 0.457 W/kg = -3.40 dBW/kg

Date: 7/27/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - UMTS band IV_slider closed

Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV; Frequency: 1712.4 MHz
Medium Parameters used: f=1712.4 MHz; σ = 1.345 S/m; ε_r = 38.680; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

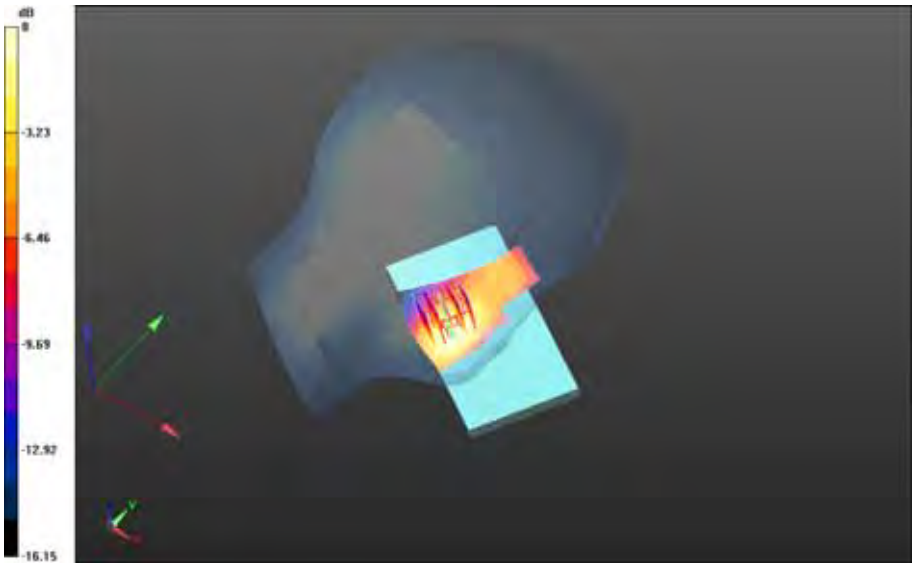
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -UMTS band IV_chan1312_amb_temp_23.5C_liq_temp_23.1C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.123 V/m; **Power Drift = 0.043 dB**

Fast SAR: SAR(1g) = 0.752 W/kg; SAR(10g) = 0.449 W/kg
Maximum value of SAR (interpolated) = 0.835 W/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -UMTS band IV_chan1312_amb_temp_23.5C_liq_temp_23.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.123 V/m; **Power Drift = 0.043 dB**

Averaged SAR: SAR(1g) = 0.764 W/kg; SAR(10g) = 0.486 W/kg
Maximum value of SAR (interpolated) = 1.09 W/kg



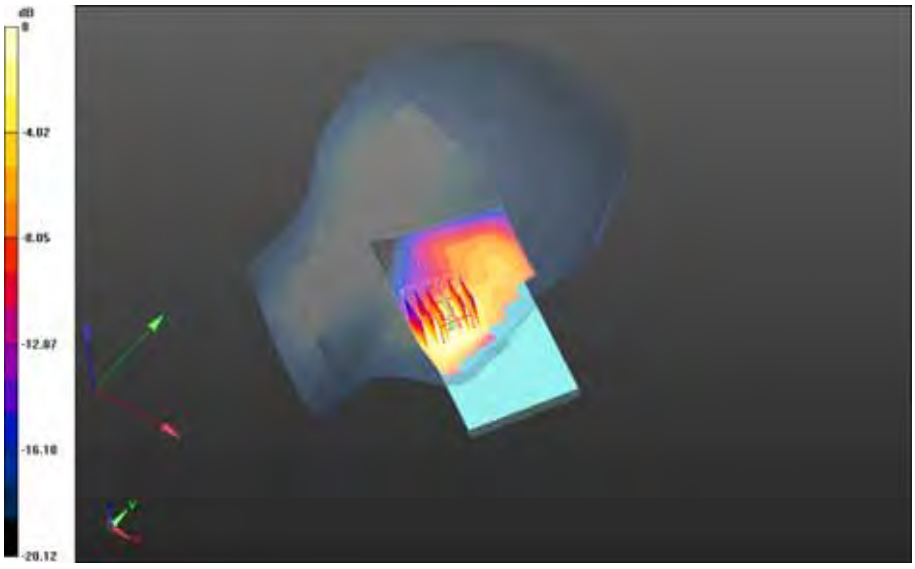
0 dB = 0.824 W/kg = -0.84 dBW/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -UMTS band IV_chan1413_amb_temp_23.6C_liq_temp_23.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.464 V/m; **Power Drift = -0.095 dB**

Fast SAR: SAR(1g) = 0.820 W/kg; SAR(10g) = 0.484 W/kg
Maximum value of SAR (interpolated) = 0.913 W/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -UMTS band IV_chan1413_amb_temp_23.6C_liq_temp_23.1C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.464 V/m; **Power Drift = -0.095 dB**

Averaged SAR: SAR(1g) = 0.823 W/kg; SAR(10g) = 0.517 W/kg
Maximum value of SAR (interpolated) = 1.20 W/kg



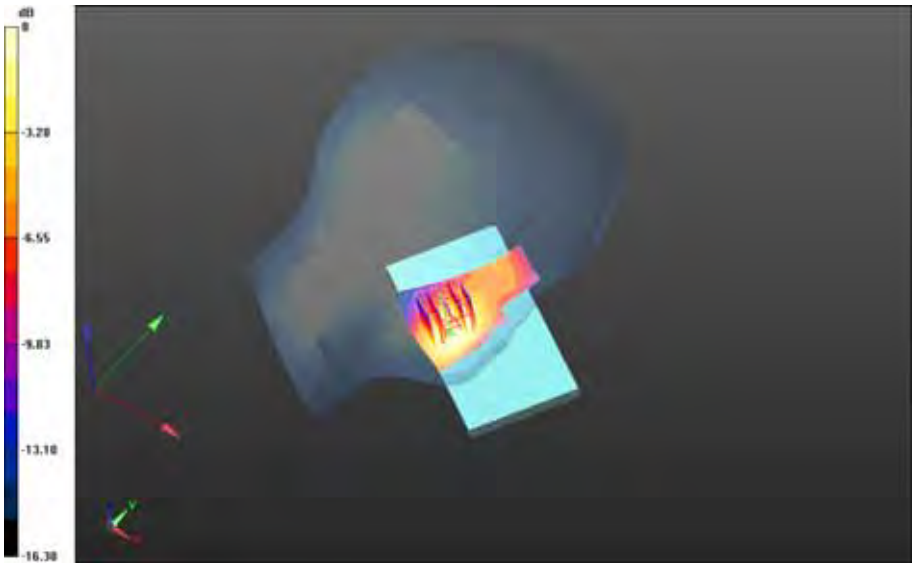
0 dB = 0.905 W/kg = -0.43 dBW/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -UMTS band IV_chan1513_amb_temp_23.5C_liq_temp_23.1C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.402 V/m; **Power Drift = 0.127 dB**

Fast SAR: SAR(1g) = 0.880 W/kg; SAR(10g) = 0.522 W/kg
Maximum value of SAR (interpolated) = 0.975 W/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -UMTS band IV_chan1513_amb_temp_23.5C_liq_temp_23.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.402 V/m; **Power Drift = 0.127 dB**

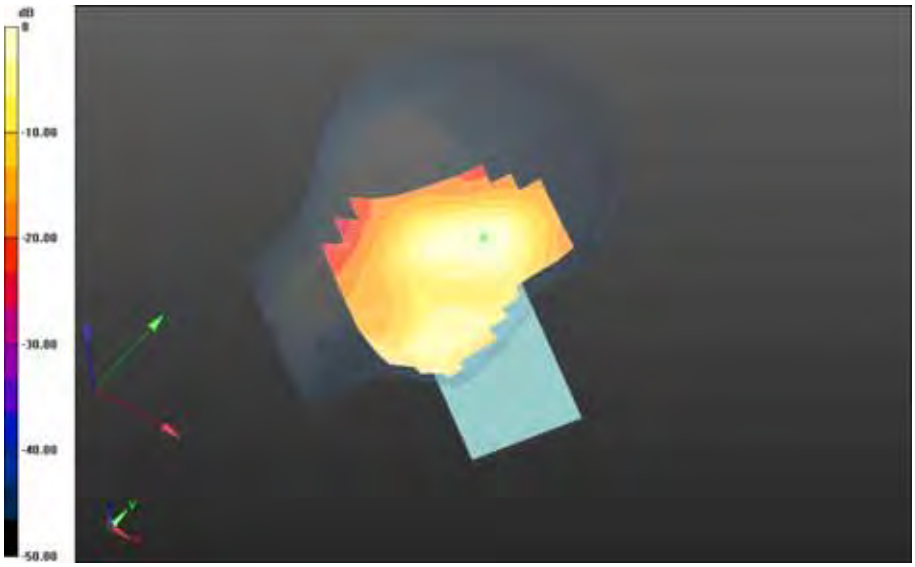
Averaged SAR: SAR(1g) = 0.888 W/kg; SAR(10g) = 0.554 W/kg
Maximum value of SAR (interpolated) = 1.30 W/kg



0 dB = 0.957 W/kg = -0.19 dBW/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Tilt Position - UMTS band IV_chan1413_amb_temp_23.6C_liq_temp_23.1C/Area Scan 2 (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.675 V/m; **Power Drift = -0.061 dB**

Fast SAR: SAR(1g) = 0.440 W/kg; SAR(10g) = 0.268 W/kg
Maximum value of SAR (interpolated) = 0.552 W/kg



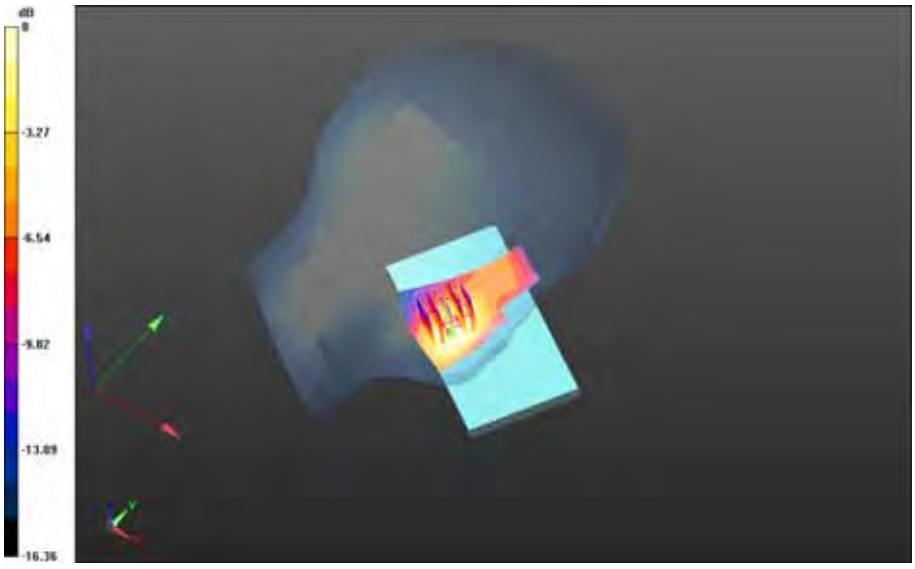
0 dB = 0.552 W/kg = -2.58 dBW/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -2nd Scan-UMTS band IV_chan1513_amb_temp_23.5C_liq_temp_22.9C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.453 V/m; **Power Drift = 0.041 dB**

Fast SAR: SAR(1g) = 0.899 W/kg; SAR(10g) = 0.532 W/kg
Maximum value of SAR (interpolated) = 1.00 W/kg

Left-Hand-Side HSL - UMTS band IV_slider closed/Touch Position -2nd Scan-UMTS band IV_chan1513_amb_temp_23.5C_liq_temp_22.9C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.453 V/m; **Power Drift = 0.041 dB**

Averaged SAR: SAR(1g) = 0.912 W/kg; SAR(10g) = 0.568 W/kg
Maximum value of SAR (interpolated) = 1.34 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

Date: 7/27/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL -UMTS band IV_slider open

Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV;
Frequency: 1732.6 MHz
Medium Parameters used: f=1732.6 MHz; σ = 1.366 S/m; ε_r = 38.591; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

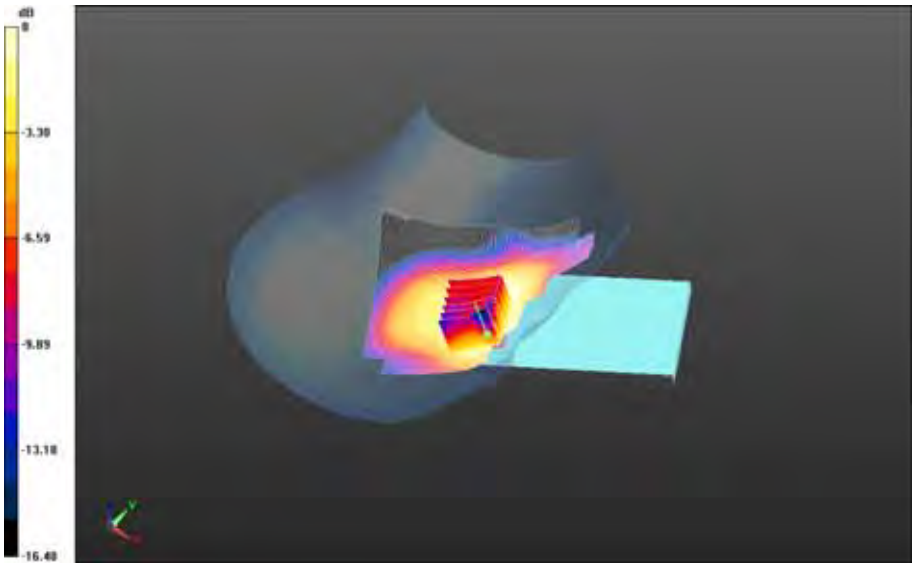
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL -UMTS band IV_slider open/Touch Position -UMTS band IV_chan1413_amb_temp_23.8C_liq_temp_23.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.460 V/m; **Power Drift = -0.181 dB**

Fast SAR: SAR(1g) = 0.293 W/kg; SAR(10g) = 0.184 W/kg
Maximum value of SAR (interpolated) = 0.318 W/kg

Right-Hand-Side HSL -UMTS band IV_slider open/Touch Position -UMTS band IV_chan1413_amb_temp_23.8C_liq_temp_23.3C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.460 V/m; **Power Drift = -0.181 dB**

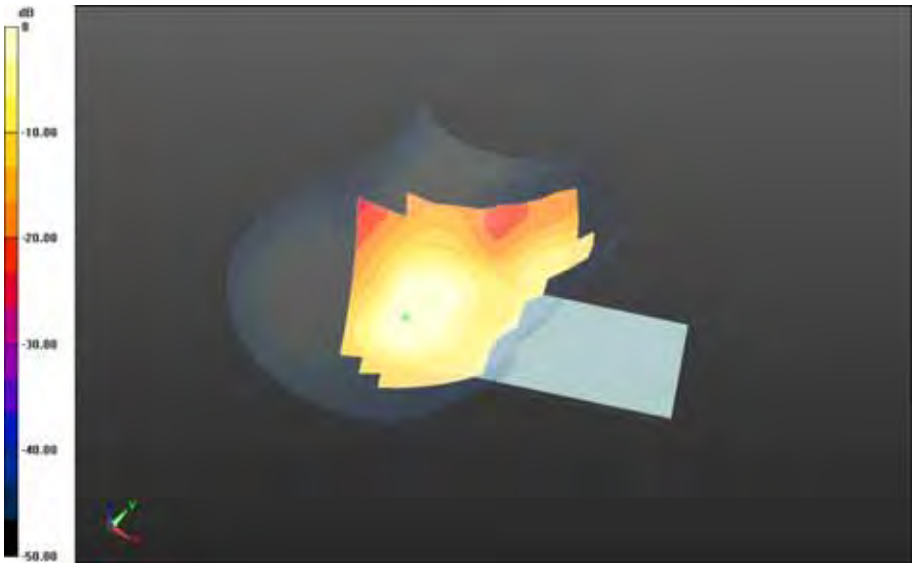
Averaged SAR: SAR(1g) = 0.286 W/kg; SAR(10g) = 0.197 W/kg
Maximum value of SAR (interpolated) = 0.395 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

Right-Hand-Side HSL -UMTS band IV_slider open/Tilt Position -UMTS band IV_chan1413_amb_temp_23.7C_liq_temp_23.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.633 V/m; **Power Drift = -0.027 dB**

Fast SAR: SAR(1g) = 0.337 W/kg; SAR(10g) = 0.211 W/kg
Maximum value of SAR (interpolated) = 0.371 W/kg



0 dB = 0.371 W/kg = -4.31 dBW/kg

Date: 7/27/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - UMTS band IV_slider open

Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV;
Frequency: 1732.6 MHz
Medium Parameters used: f=1732.6 MHz; σ = 1.366 S/m; ε_r = 38.591; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

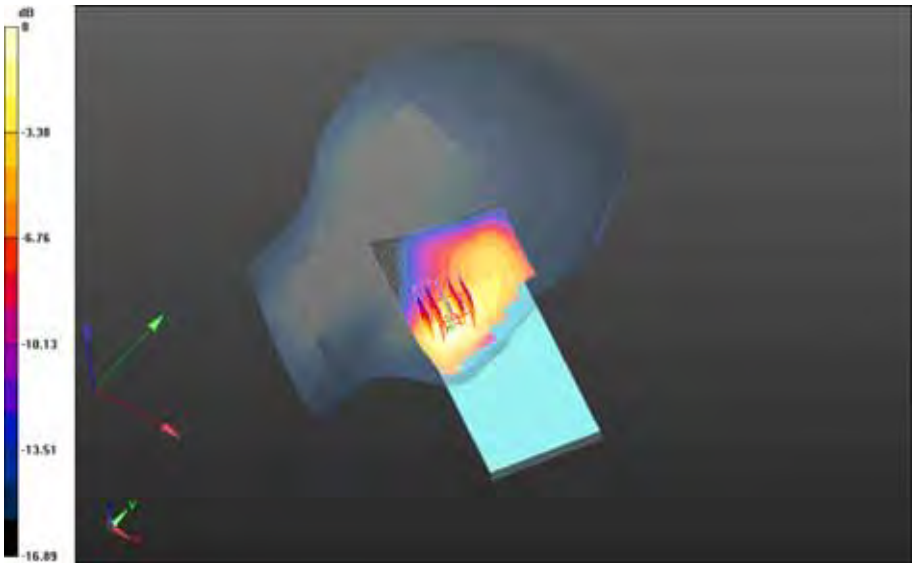
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - UMTS band IV_slider open/Touch Position -UMTS band IV_chan1413_amb_temp_23.6C_liq_temp_23.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.849 V/m; **Power Drift = -0.110 dB**

Fast SAR: SAR(1g) = 0.537 W/kg; SAR(10g) = 0.320 W/kg
Maximum value of SAR (interpolated) = 0.596 W/kg

Left-Hand-Side HSL - UMTS band IV_slider open/Touch Position -UMTS band IV_chan1413_amb_temp_23.6C_liq_temp_23.2C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.849 V/m; **Power Drift = -0.110 dB**

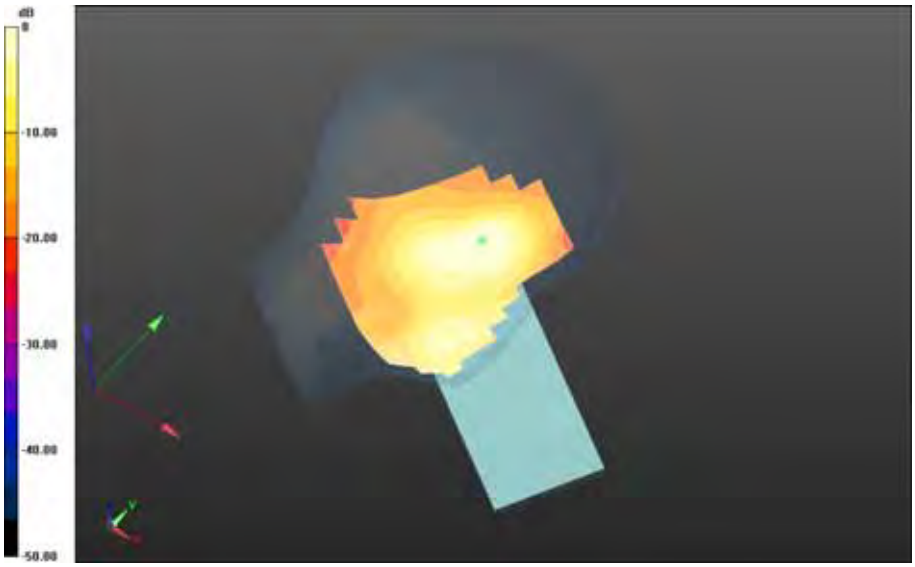
Averaged SAR: SAR(1g) = 0.538 W/kg; SAR(10g) = 0.346 W/kg
Maximum value of SAR (interpolated) = 0.759 W/kg



0 dB = 0.588 W/kg = -2.31 dBW/kg

Left-Hand-Side HSL - UMTS band IV_slider open/Tilt Position - UMTS band IV_chan1413_amb_temp_23.5C_liq_temp_23.1C/Area Scan 2 (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.500 V/m; **Power Drift = -0.120 dB**

Fast SAR: SAR(1g) = 0.428 W/kg; SAR(10g) = 0.263 W/kg
Maximum value of SAR (interpolated) = 0.550 W/kg



0 dB = 0.550 W/kg = -2.60 dBW/kg

Date: 8/31/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Mobile Hot Spot MSL - UMTS IV_slider closed

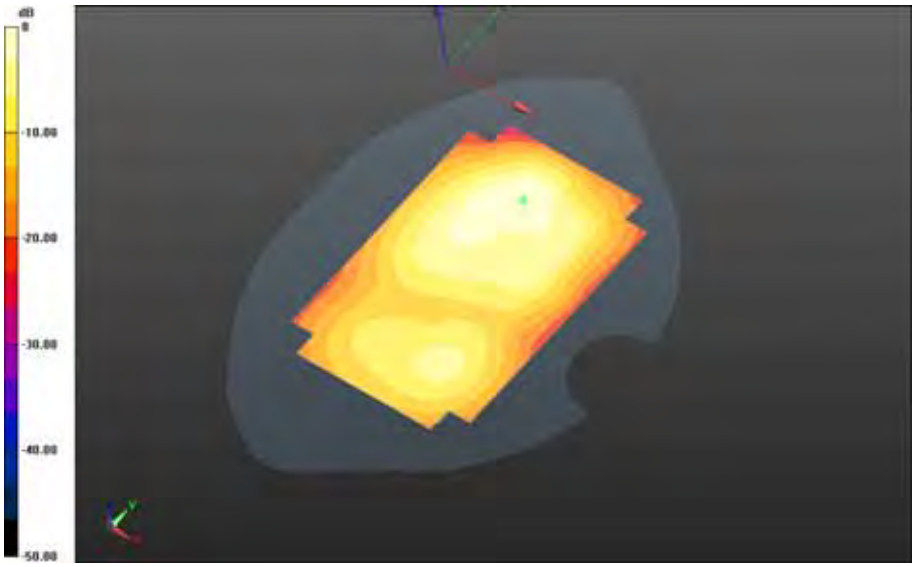
Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV;
Frequency: 1732.6 MHz
Medium Parameters used: f=1732.6 MHz; σ = 1.508 S/m; ε_r = 51.306; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - UMTS IV_slider closed/10mm Device Back - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_23.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.915 V/m; **Power Drift = -0.000375 dB**

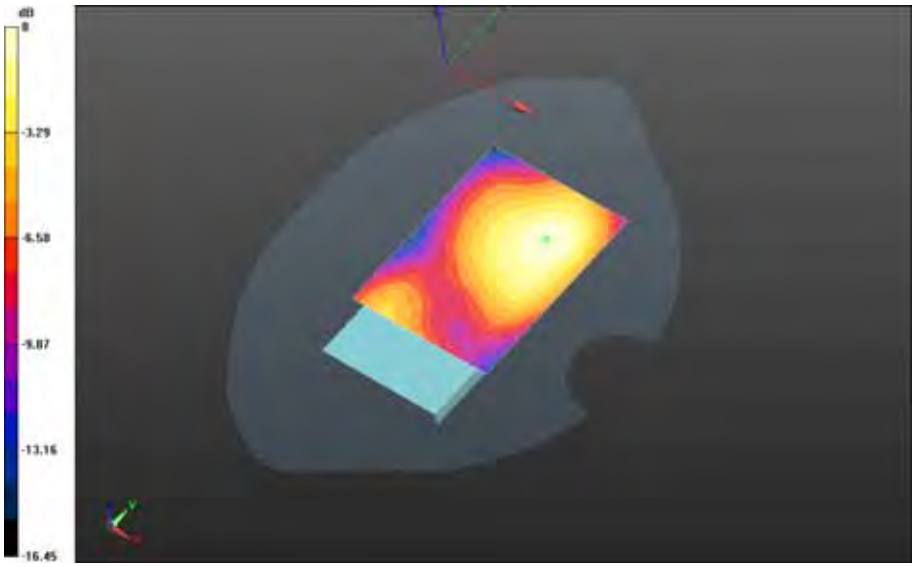
Fast SAR: SAR(1g) = 0.689 W/kg; SAR(10g) = 0.400 W/kg
Maximum value of SAR (interpolated) = 0.796 W/kg



0 dB = 0.796 W/kg = -0.99 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider closed/10mm Device Front - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_23.0C/Area Scan (61x81x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 9.629 V/m; **Power Drift = -0.00269 dB**

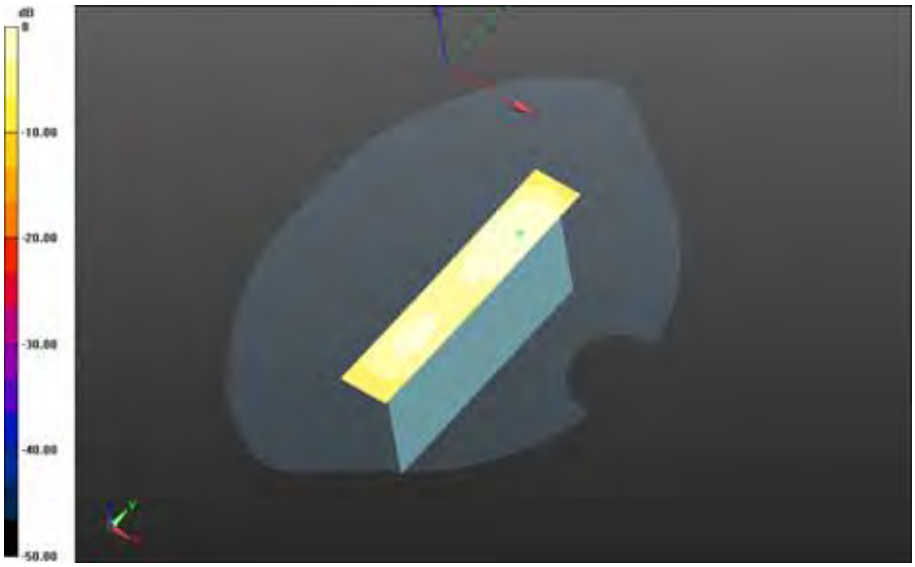
Fast SAR: SAR(1g) = 0.476 W/kg; SAR(10g) = 0.291 W/kg
Maximum value of SAR (interpolated) = 0.520 W/kg



0 dB = 0.520 W/kg = -2.84 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider closed/10mm Device Left - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.290 V/m; **Power Drift = 0.032 dB**

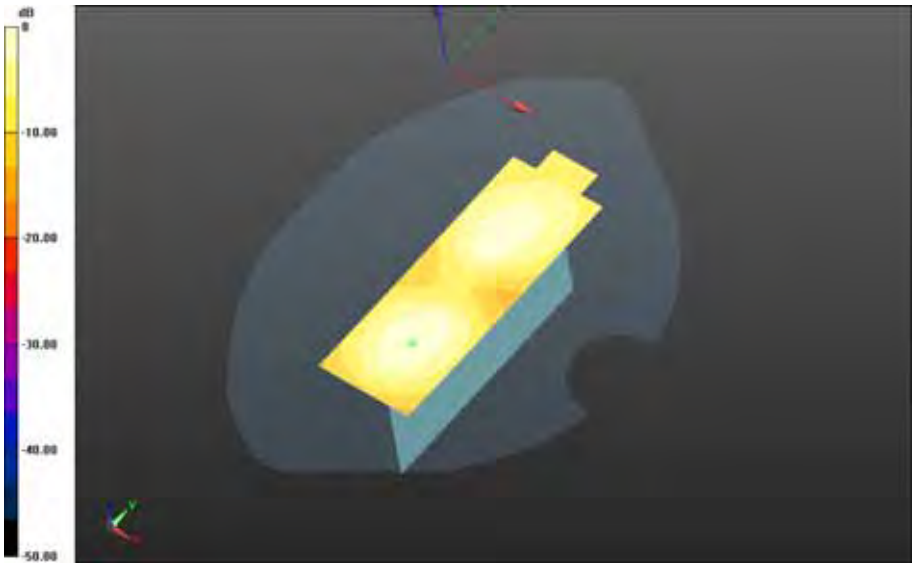
Fast SAR: SAR(1g) = 0.300 W/kg; SAR(10g) = 0.180 W/kg
Maximum value of SAR (interpolated) = 0.340 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider closed/10mm Device Right - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 3.521 V/m; **Power Drift = 0.071 dB**

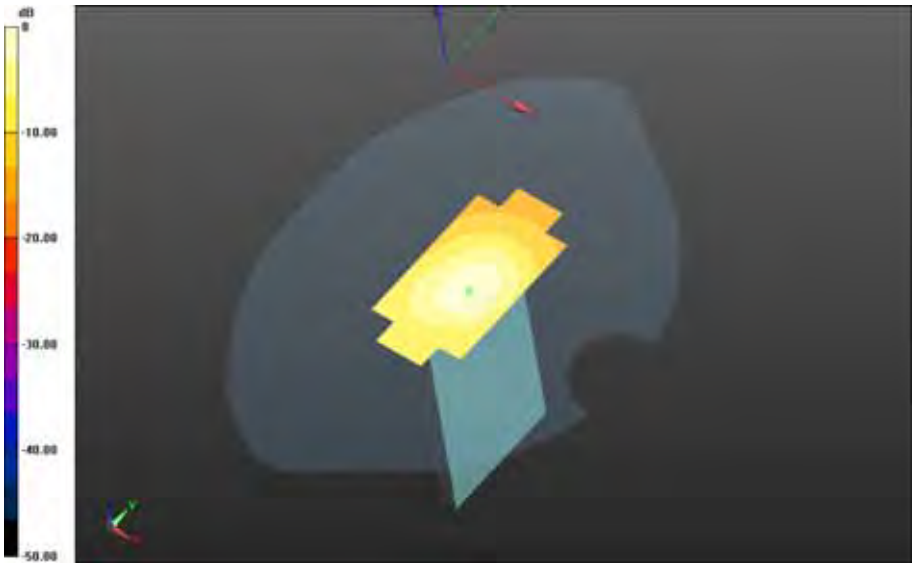
Fast SAR: SAR(1g) = 0.121 W/kg; SAR(10g) = 0.0691 W/kg
Maximum value of SAR (interpolated) = 0.138 W/kg



0 dB = 0.138 W/kg = -8.60 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider closed/10mm Device Bottom - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.854 V/m; **Power Drift = -0.030 dB**

Fast SAR: SAR(1g) = 0.325 W/kg; SAR(10g) = 0.182 W/kg
Maximum value of SAR (interpolated) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg

Date: 8/31/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Mobile Hot Spot MSL - UMTS IV_slider open

Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV; Frequency: 1712.4 MHz
Medium Parameters used: f=1712.4 MHz; σ = 1.489 S/m; ε_r = 51.296; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

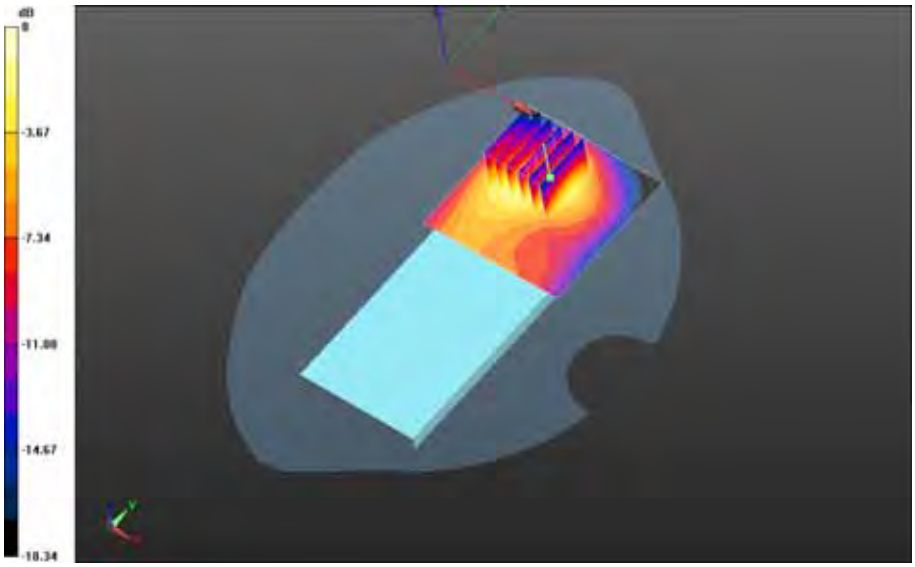
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Back - UMTS IV_chan1312_amb_temp_23.5C_liq_temp_23.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.521 V/m; **Power Drift = 0.016 dB**

Fast SAR: SAR(1g) = 0.907 W/kg; SAR(10g) = 0.533 W/kg
Maximum value of SAR (interpolated) = 1.01 W/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Back - UMTS IV_chan1312_amb_temp_23.5C_liq_temp_23.0C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.521 V/m; **Power Drift = 0.016 dB**

Averaged SAR: SAR(1g) = 0.905 W/kg; SAR(10g) = 0.542 W/kg
Maximum value of SAR (interpolated) = 1.41 W/kg



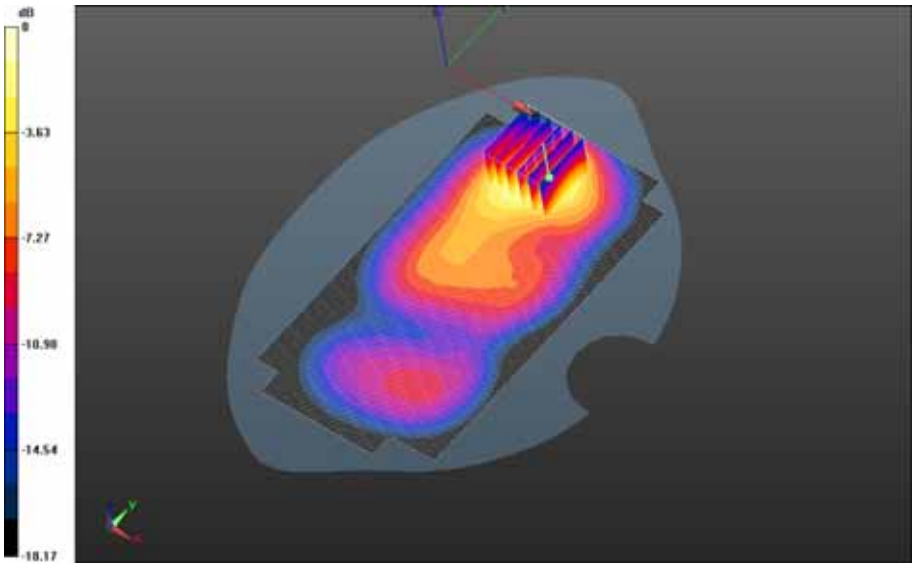
0 dB = 1.01 W/kg = 0.04 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Back - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.596 V/m; **Power Drift = -0.073 dB**

Fast SAR: SAR(1g) = 0.909 W/kg; SAR(10g) = 0.530 W/kg
Maximum value of SAR (interpolated) = 1.01 W/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Back - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.596 V/m; **Power Drift = -0.073 dB**

Averaged SAR: SAR(1g) = 0.905 W/kg; SAR(10g) = 0.546 W/kg
Maximum value of SAR (interpolated) = 1.41 W/kg



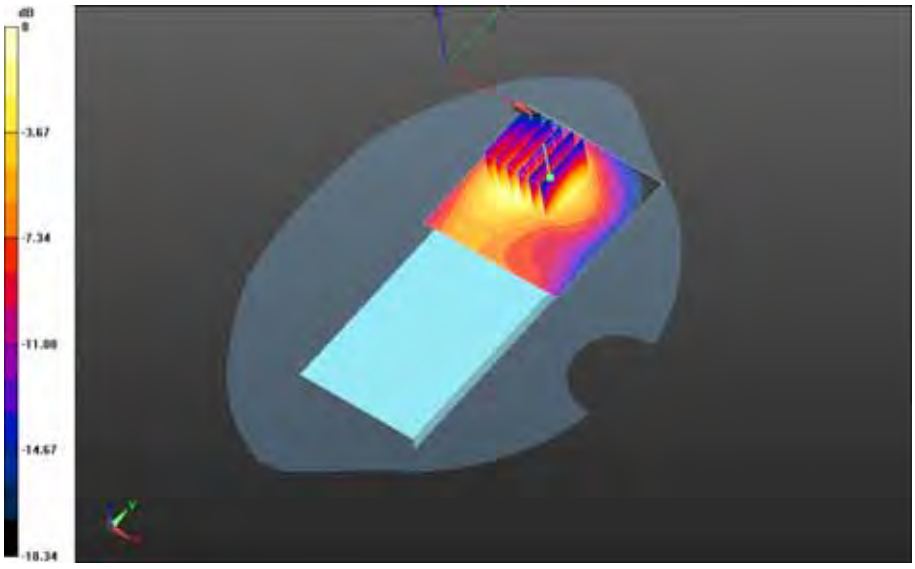
0 dB = 1.00 W/kg = 0.00 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Back - UMTS IV_chan1513_amb_temp_23.4C_liq_temp_23.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.286 V/m; **Power Drift = 0.017 dB**

Fast SAR: SAR(1g) = 0.844 W/kg; SAR(10g) = 0.498 W/kg
Maximum value of SAR (interpolated) = 0.935 W/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Back - UMTS IV_chan1513_amb_temp_23.4C_liq_temp_23.0C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.286 V/m; **Power Drift = 0.017 dB**

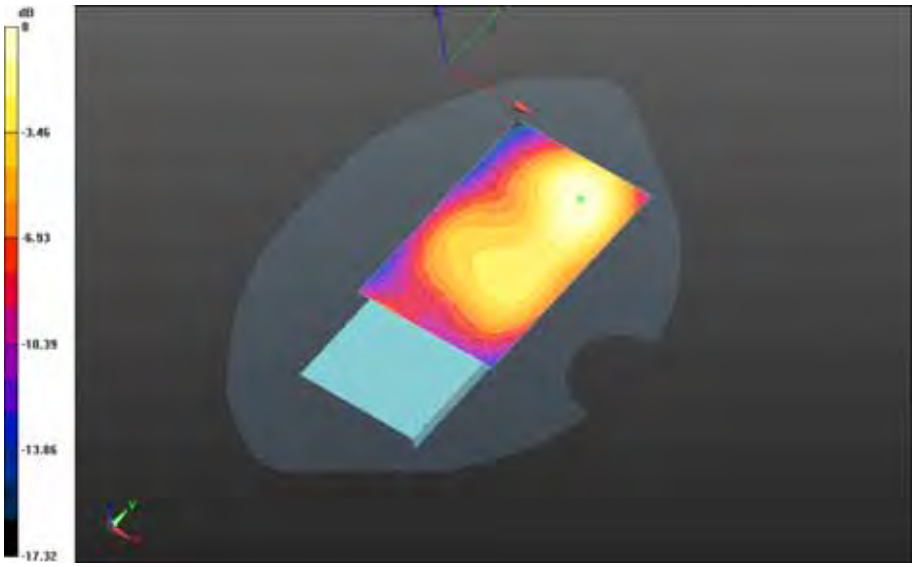
Averaged SAR: SAR(1g) = 0.836 W/kg; SAR(10g) = 0.512 W/kg
Maximum value of SAR (interpolated) = 1.32 W/kg



0 dB = 0.928 W/kg = -0.32 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Front - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_23.0C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.629 V/m; **Power Drift = -0.021 dB**

Fast SAR: SAR(1g) = 0.504 W/kg; SAR(10g) = 0.307 W/kg
Maximum value of SAR (interpolated) = 0.545 W/kg



0 dB = 0.545 W/kg = -2.64 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Left - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.467 V/m; **Power Drift = -0.013 dB**

Fast SAR: SAR(1g) = 0.331 W/kg; SAR(10g) = 0.199 W/kg
Maximum value of SAR (interpolated) = 0.360 W/kg

0 dB = 0.360 W/kg = -4.44 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Right - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.036 V/m; **Power Drift = 0.00777 dB**

Fast SAR: SAR(1g) = 0.113 W/kg; SAR(10g) = 0.0659 W/kg
Maximum value of SAR (interpolated) = 0.124 W/kg

0 dB = 0.124 W/kg = -9.07 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider open/10mm Device Bottom - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.888 V/m; **Power Drift = -0.021 dB**

Fast SAR: SAR(1g) = 0.296 W/kg; SAR(10g) = 0.170 W/kg
Maximum value of SAR (interpolated) = 0.338 W/kg

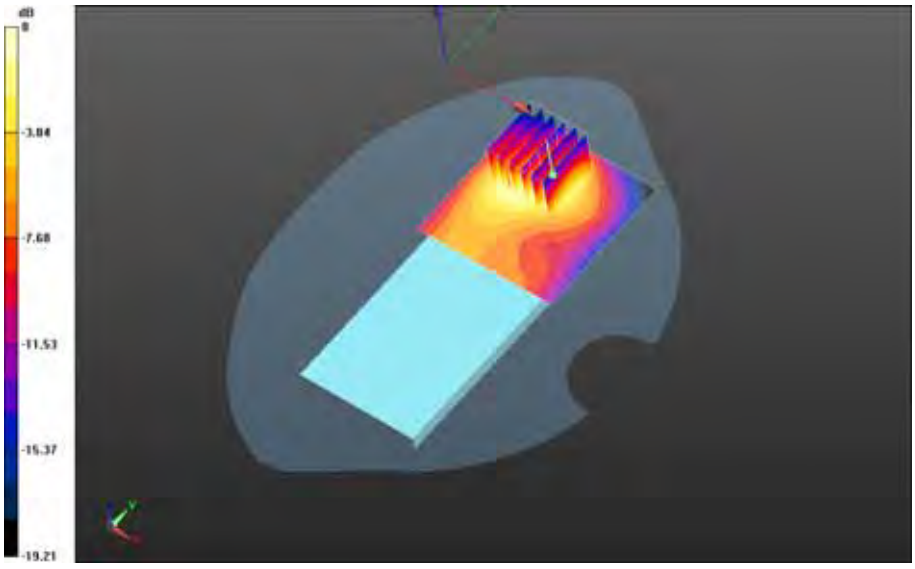
0 dB = 0.338 W/kg = -4.71 dBW/kg

Mobile Hot Spot MSL - UMTS IV_slider open/2nd Scan 10mm Device Back - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_23.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.726 V/m; **Power Drift = -0.00383 dB**

Fast SAR: SAR(1g) = 0.932 W/kg; SAR(10g) = 0.547 W/kg
Maximum value of SAR (interpolated) = 1.05 W/kg

Mobile Hot Spot MSL - UMTS IV_slider open/2nd Scan 10mm Device Back - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_23.0C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.726 V/m; **Power Drift = -0.00383 dB**

Averaged SAR: SAR(1g) = 0.893 W/kg; SAR(10g) = 0.537 W/kg
Maximum value of SAR (interpolated) = 1.42 W/kg



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

Date: 7/27/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Body Worn MSL - UMTS band IV

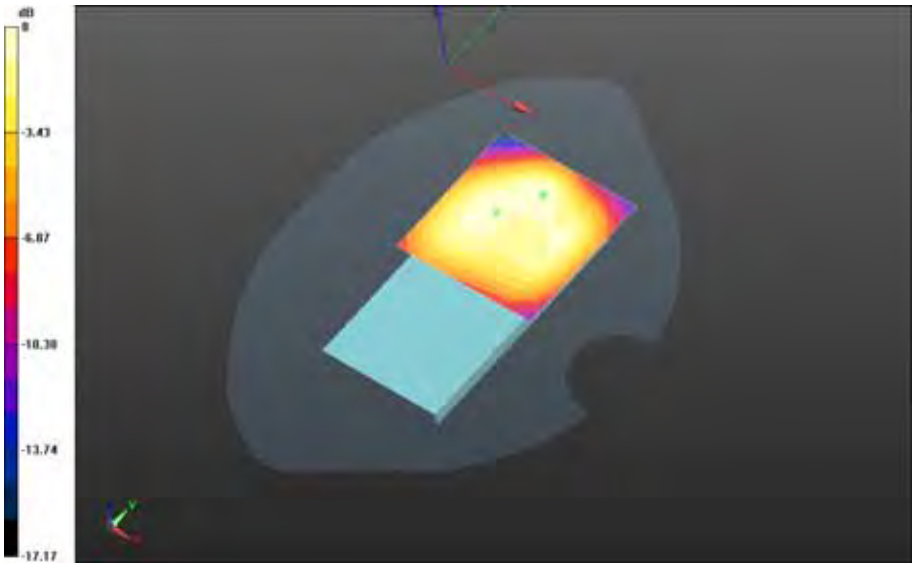
Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV;
Frequency: 1712.4 MHz
Medium Parameters used: f=1712.4 MHz; σ = 1.485 S/m; ε_r = 51.566; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS band IV/15mm Device Back - UMTS IV_chan1312_amb_temp_23.3C_liq_temp_22.2C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.648 V/m; **Power Drift = -0.016 dB**

Fast SAR: SAR(1g) = 0.544 W/kg; SAR(10g) = 0.341 W/kg; Secondary SAR(1g) = 0.539 W/kg
Maximum value of SAR (interpolated) = 0.613 W/kg



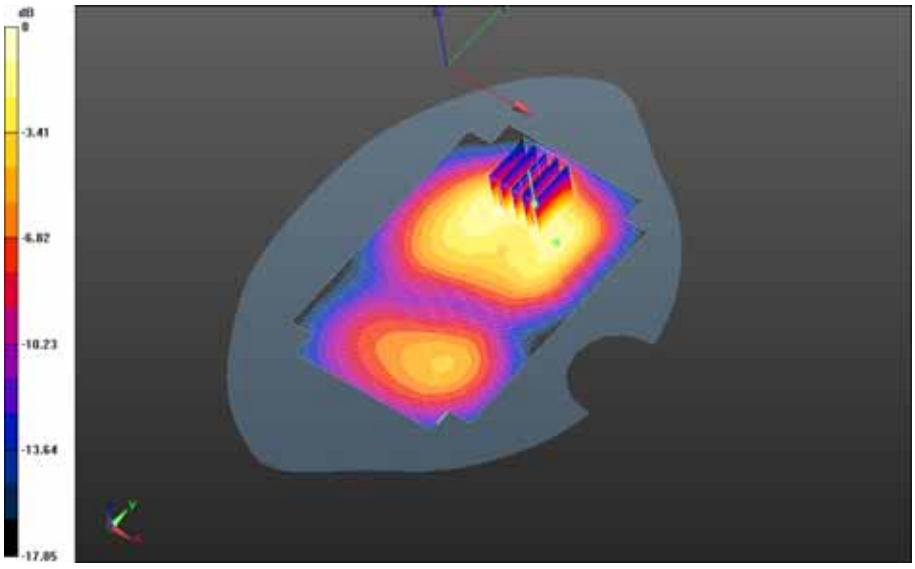
0 dB = 0.613 W/kg = -2.13 dBW/kg

Body Worn MSL - UMTS band IV/15mm Device Back - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.292 V/m; **Power Drift = 0.040 dB**

Fast SAR: SAR(1g) = 0.663 W/kg; SAR(10g) = 0.381 W/kg; Secondary SAR(1g) = 0.539 W/kg
Maximum value of SAR (interpolated) = 0.755 W/kg

Body Worn MSL - UMTS band IV/15mm Device Back - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_22.2C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 10.292 V/m; **Power Drift = 0.040 dB**

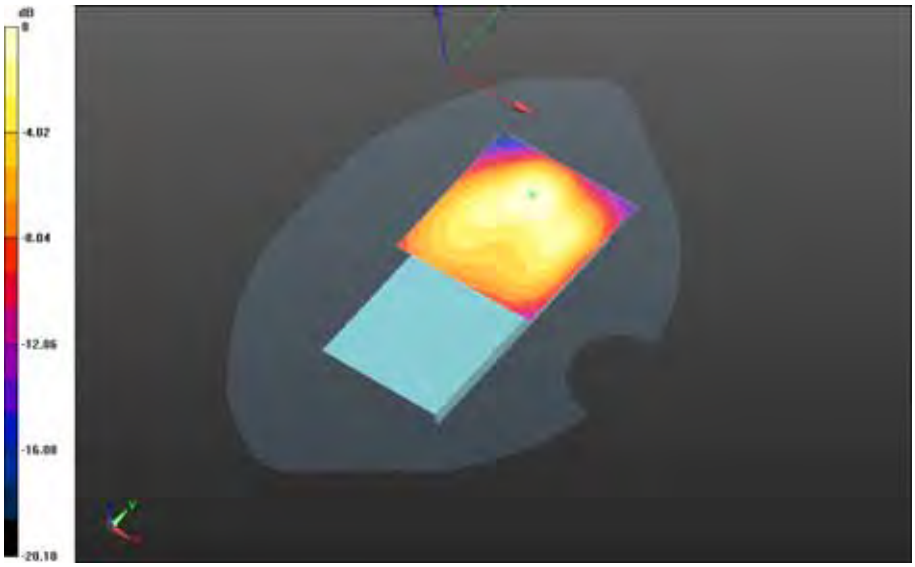
Averaged SAR: SAR(1g) = 0.669 W/kg; SAR(10g) = 0.381 W/kg
Maximum value of SAR (interpolated) = 1.06 W/kg



0 dB = 0.725 W/kg = -1.40 dBW/kg

Body Worn MSL - UMTS band IV/15mm Device Back - UMTS IV_chan1513_amb_temp_23.4C_liq_temp_22.2C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.658 V/m; **Power Drift = -0.0018 dB**

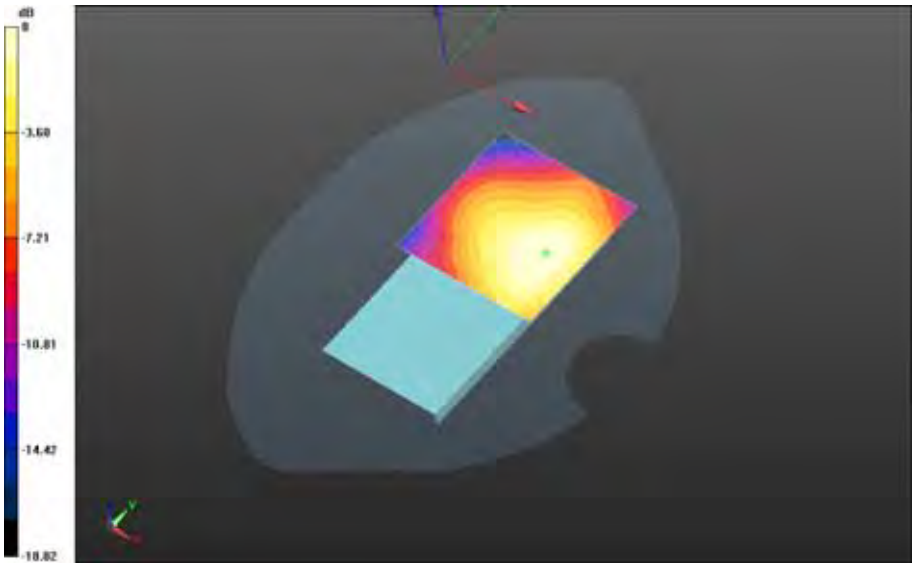
Fast SAR: SAR(1g) = 0.648 W/kg; SAR(10g) = 0.385 W/kg
Maximum value of SAR (interpolated) = 0.726 W/kg



0 dB = 0.726 W/kg = -1.39 dBW/kg

Body Worn MSL - UMTS band IV/15mm Device Front - UMTS IV_chan1413_amb_temp_23.5C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 10.416 V/m; **Power Drift = -0.033 dB**

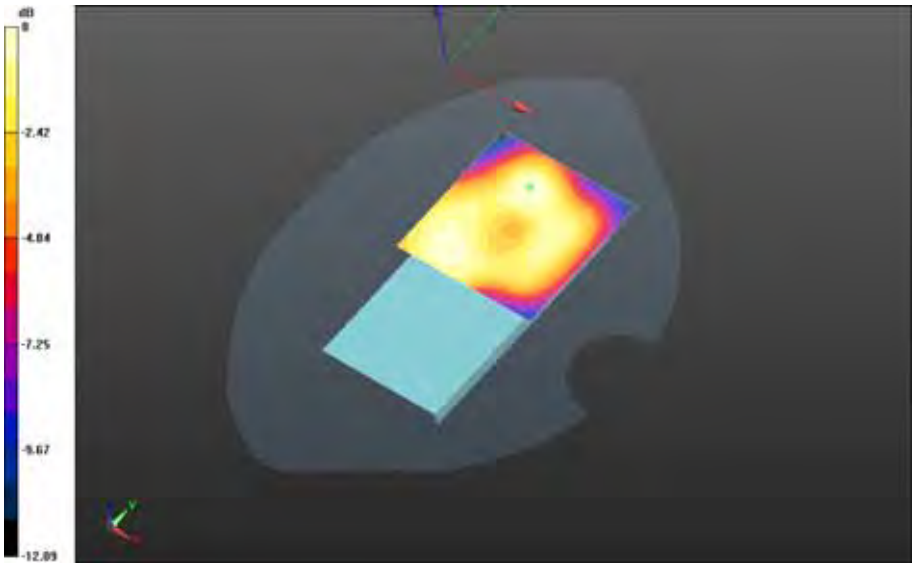
Fast SAR: SAR(1g) = 0.592 W/kg; SAR(10g) = 0.368 W/kg
Maximum value of SAR (interpolated) = 0.641 W/kg



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

Body Worn MSL - UMTS band IV/Holster Device Back - UMTS IV_chan1413_amb_temp_23.4C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.612 V/m; **Power Drift = 0.041 dB**

Fast SAR: SAR(1g) = 0.156 W/kg; SAR(10g) = 0.0952 W/kg
Maximum value of SAR (interpolated) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

LTE Band 2

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL -LTE band 2_slider closed

Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

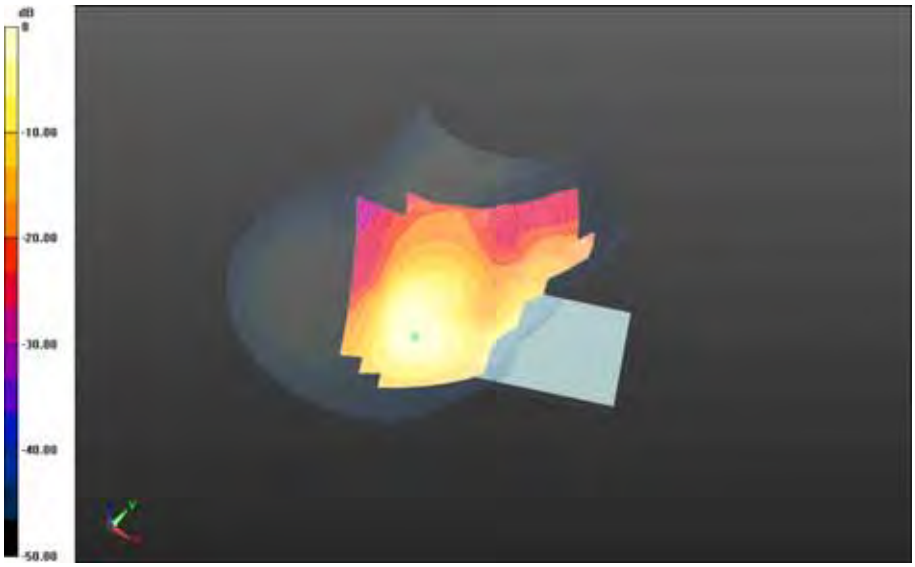
Right-Hand-Side HSL -LTE band 2_slider closed/Touch Position -LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.457 V/m; **Power Drift = -0.044 dB**

Fast SAR: SAR(1g) = 0.295 W/kg; SAR(10g) = 0.174 W/kg
Maximum value of SAR (interpolated) = 0.330 W/kg

0 dB = 0.330 W/kg = -4.81 dBW/kg

Right-Hand-Side HSL -LTE band 2_slider closed/Tilt Position -LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.291 V/m; **Power Drift = -0.023 dB**

Fast SAR: SAR(1g) = 0.285 W/kg; SAR(10g) = 0.164 W/kg
Maximum value of SAR (interpolated) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - LTE band 2_slider closed

Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

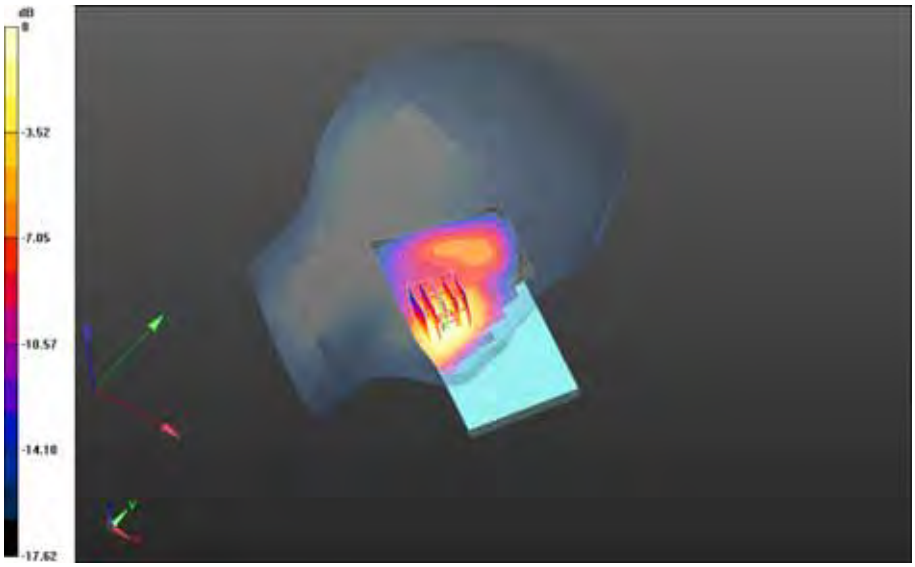
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - LTE band 2_slider closed/Touch Position -LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.965 V/m; **Power Drift = 0.057 dB**

Fast SAR: SAR(1g) = 0.578 W/kg; SAR(10g) = 0.326 W/kg
Maximum value of SAR (interpolated) = 0.639 W/kg

Left-Hand-Side HSL - LTE band 2_slider closed/Touch Position -LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.7C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.965 V/m; **Power Drift = 0.057 dB**

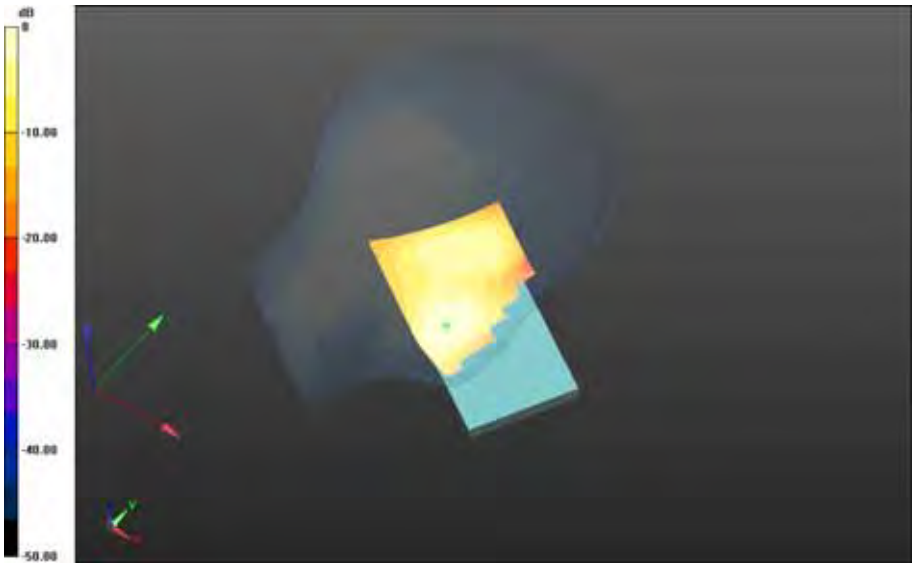
Averaged SAR: SAR(1g) = 0.573 W/kg; SAR(10g) = 0.353 W/kg
Maximum value of SAR (interpolated) = 0.817 W/kg



0 dB = 0.619 W/kg = -2.08 dBW/kg

Left-Hand-Side HSL - LTE band 2_slider closed/Touch Position -LTE band 2_chan18900_20MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.499 V/m; **Power Drift = 0.023 dB**

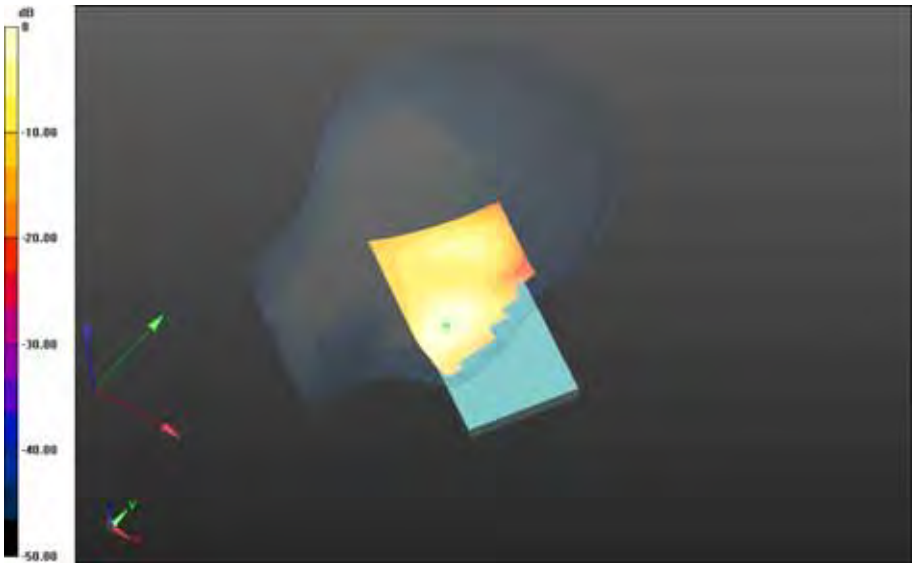
Fast SAR: SAR(1g) = 0.460 W/kg; SAR(10g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 0.514 W/kg



0 dB = 0.514 W/kg = -2.89 dBW/kg

Left-Hand-Side HSL - LTE band 2_slider closed/Touch Position -LTE band 2_chan19100_20MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.892 V/m; **Power Drift = -0.00247 dB**

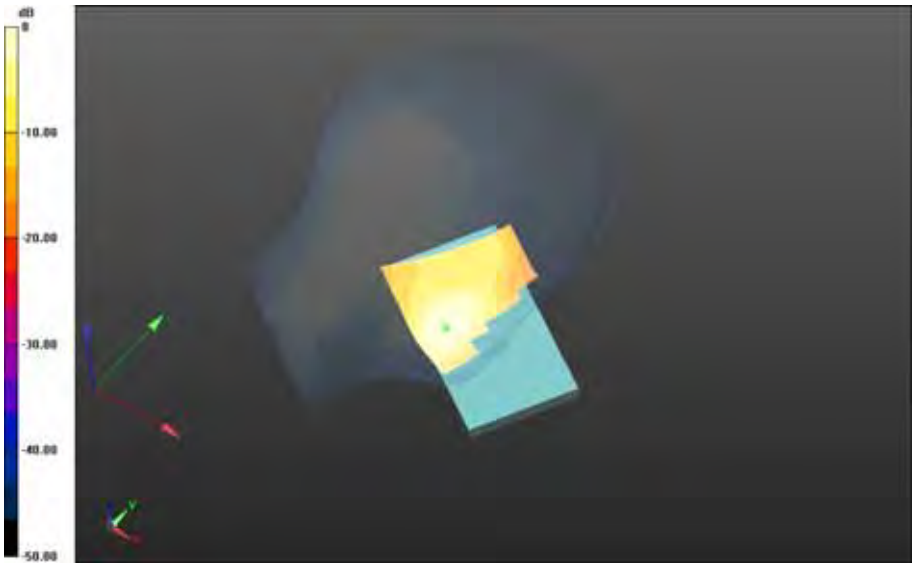
Fast SAR: SAR(1g) = 0.444 W/kg; SAR(10g) = 0.250 W/kg
Maximum value of SAR (interpolated) = 0.498 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

Left-Hand-Side HSL - LTE band 2_slider closed/Touch Position -LTE band 2_chan18700_20MHz_BW_RB50_Offset_High_amb_temp_23.7C_liq_temp_21.5C 4/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.427 V/m; **Power Drift = -0.073 dB**

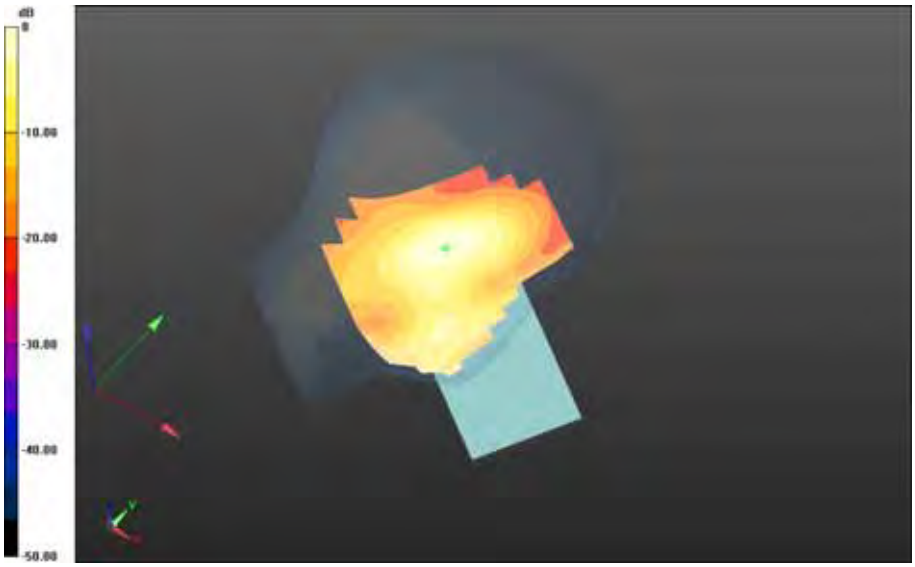
Fast SAR: SAR(1g) = 0.470 W/kg; SAR(10g) = 0.268 W/kg
Maximum value of SAR (interpolated) = 0.514 W/kg



0 dB = 0.514 W/kg = -2.89 dBW/kg

Left-Hand-Side HSL - LTE band 2_slider closed/Tilt Position - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.640 V/m; **Power Drift = -0.167 dB**

Fast SAR: SAR(1g) = 0.307 W/kg; SAR(10g) = 0.168 W/kg
Maximum value of SAR (interpolated) = 0.364 W/kg



0 dB = 0.364 W/kg = -4.39 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL -LTE band 2_slider open

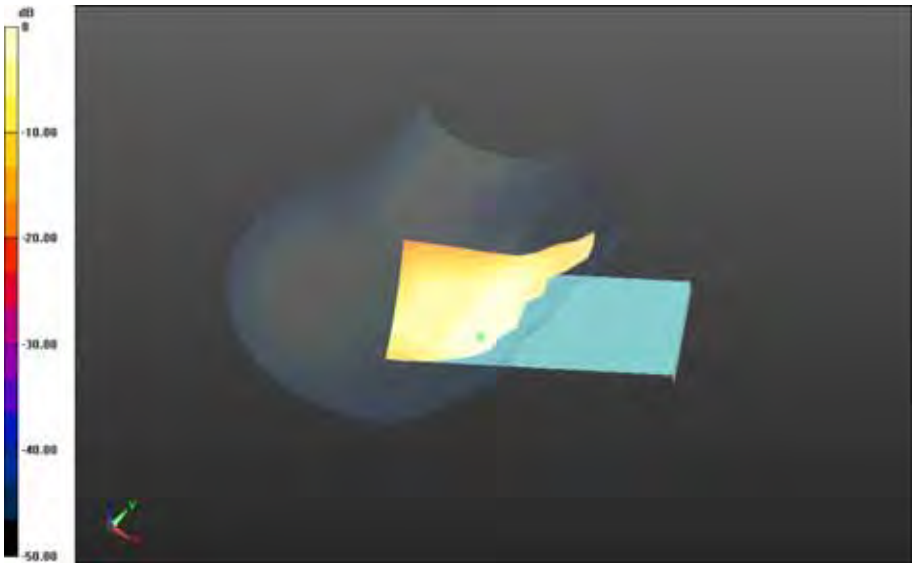
Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL -LTE band 2_slider open/Touch Position -LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.5C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.354 V/m; **Power Drift = 0.00411 dB**

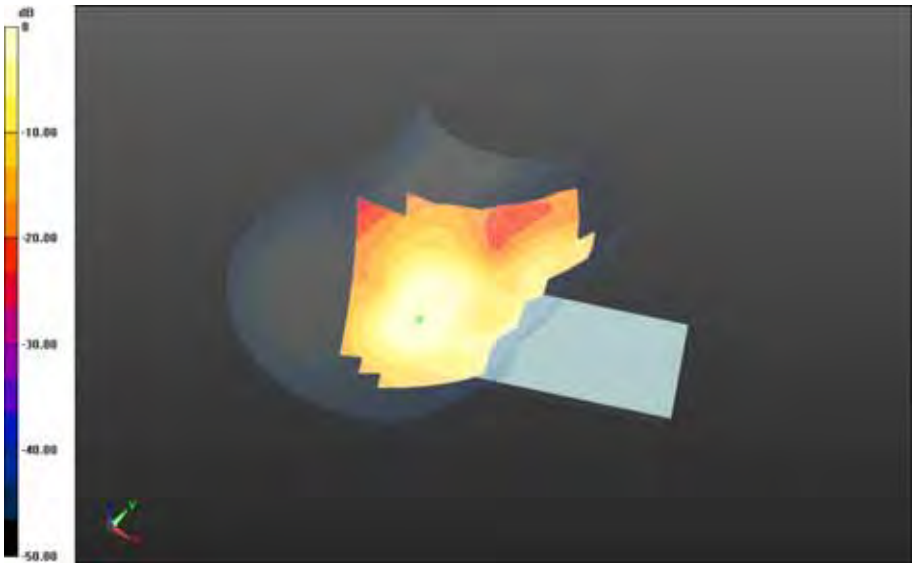
Fast SAR: SAR(1g) = 0.275 W/kg; SAR(10g) = 0.165 W/kg
Maximum value of SAR (interpolated) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

Right-Hand-Side HSL -LTE band 2_slider open/Tilt Position -LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.9C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.685 V/m; **Power Drift = 0.149 dB**

Fast SAR: SAR(1g) = 0.287 W/kg; SAR(10g) = 0.172 W/kg
Maximum value of SAR (interpolated) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - LTE band 2_slider open

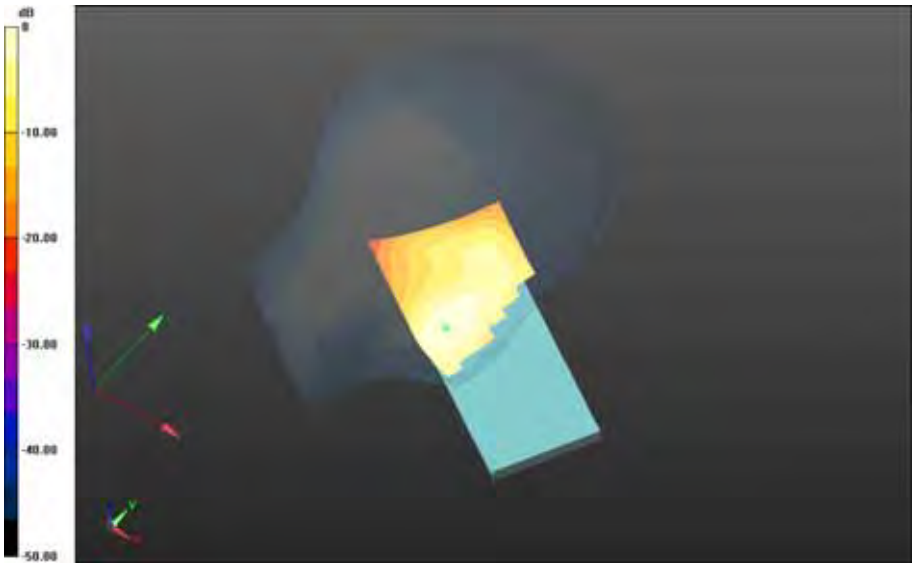
Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - LTE band 2_slider open/Touch Position -LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.465 V/m; **Power Drift = -0.103 dB**

Fast SAR: SAR(1g) = 0.508 W/kg; SAR(10g) = 0.291 W/kg
Maximum value of SAR (interpolated) = 0.564 W/kg



0 dB = 0.564 W/kg = -2.49 dBW/kg

Left-Hand-Side HSL - LTE band 2_slider open/Tilt Position - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.424 V/m; **Power Drift = 0.056 dB**

Fast SAR: SAR(1g) = 0.338 W/kg; SAR(10g) = 0.203 W/kg
Maximum value of SAR (interpolated) = 0.420 W/kg

0 dB = 0.420 W/kg = -3.77 dBW/kg

Date: 9/1/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Mobile Hot Spot MSL - LTE Band 2_slider closed

Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.510 S/m; ε_r = 51.488; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

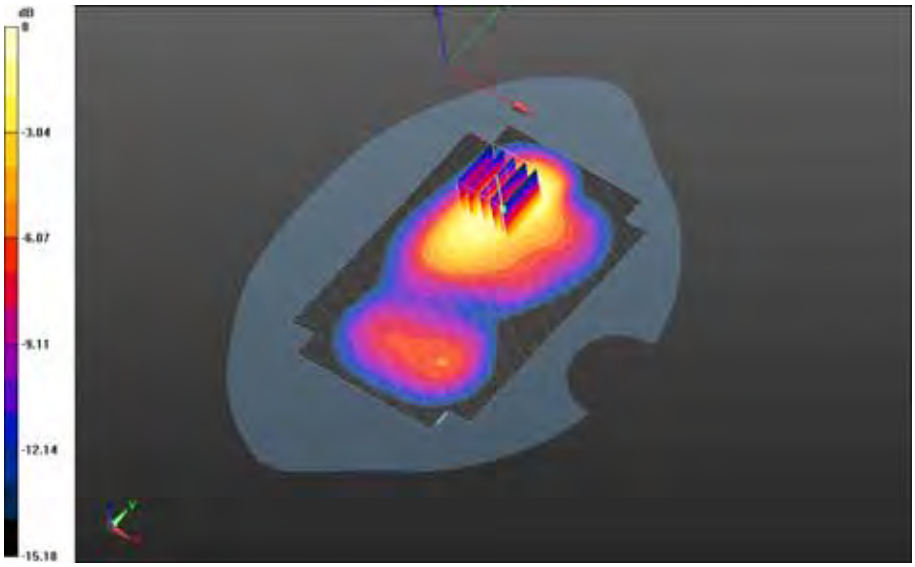
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE Band 2_slider closed/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.651 V/m; **Power Drift = -0.088 dB**

Fast SAR: SAR(1g) = 0.521 W/kg; SAR(10g) = 0.303 W/kg
Maximum value of SAR (interpolated) = 0.583 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider closed/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_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 = 8.651 V/m; **Power Drift = -0.088 dB**

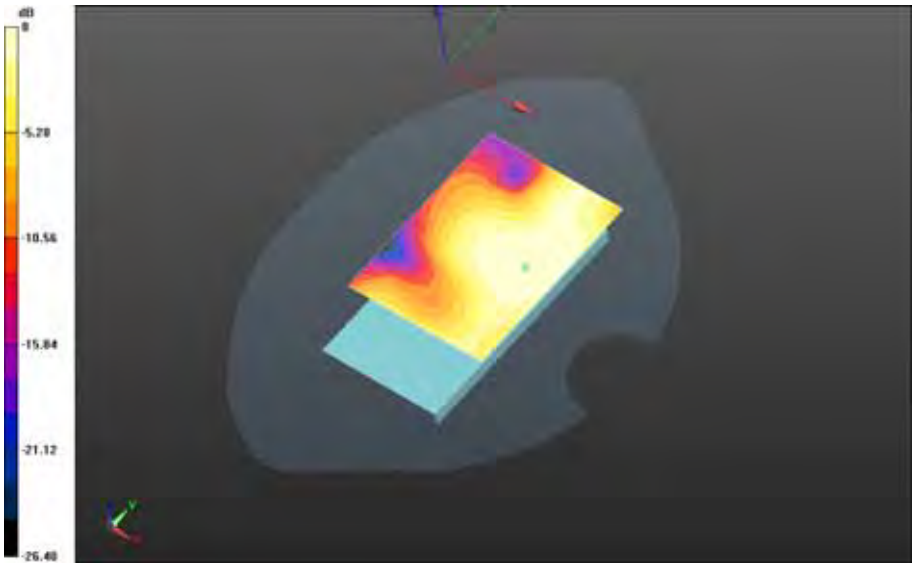
Averaged SAR: SAR(1g) = 0.525 W/kg; SAR(10g) = 0.326 W/kg
Maximum value of SAR (interpolated) = 0.696 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider closed/10mm Device Front - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.6C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.895 V/m; **Power Drift = 0.080 dB**

Fast SAR: SAR(1g) = 0.165 W/kg; SAR(10g) = 0.103 W/kg
Maximum value of SAR (interpolated) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg

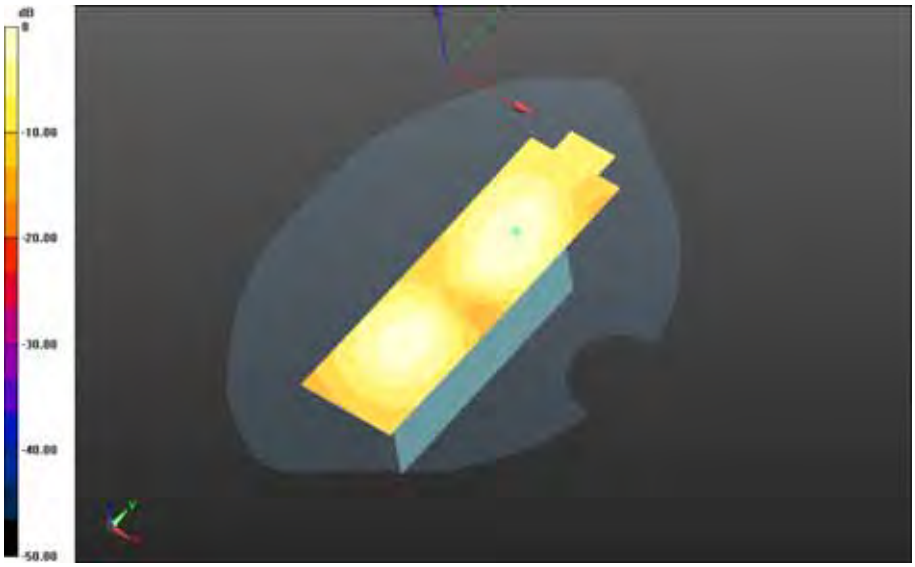
Mobile Hot Spot MSL - LTE Band 2_slider closed/10mm Device Left - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.785 V/m; **Power Drift = 0.028 dB**

Fast SAR: SAR(1g) = 0.295 W/kg; SAR(10g) = 0.171 W/kg
Maximum value of SAR (interpolated) = 0.328 W/kg

0 dB = 0.328 W/kg = -4.84 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider closed/10mm Device Right - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 3.061 V/m; **Power Drift = 0.248 dB**

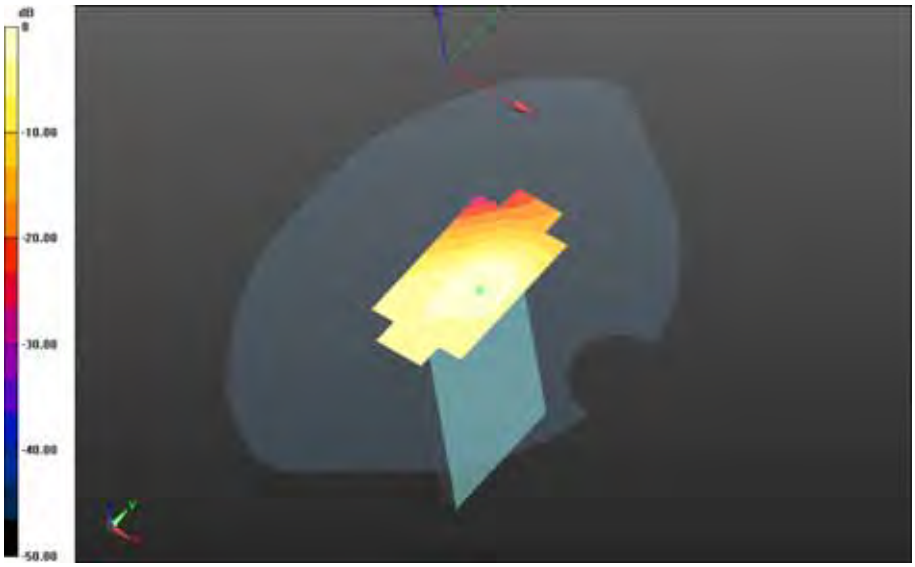
Fast SAR: SAR(1g) = 0.0711 W/kg; SAR(10g) = 0.0412 W/kg
Maximum value of SAR (interpolated) = 0.0790 W/kg



0 dB = 0.0790 W/kg = -11.02 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider closed/10mm Device Bottom - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.960 V/m; **Power Drift = -0.077 dB**

Fast SAR: SAR(1g) = 0.114 W/kg; SAR(10g) = 0.0655 W/kg
Maximum value of SAR (interpolated) = 0.129 W/kg



0 dB = 0.129 W/kg = -8.89 dBW/kg

Date: 9/1/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Mobile Hot Spot MSL - LTE Band 2_slider open

Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.510 S/m; ε_r = 51.488; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

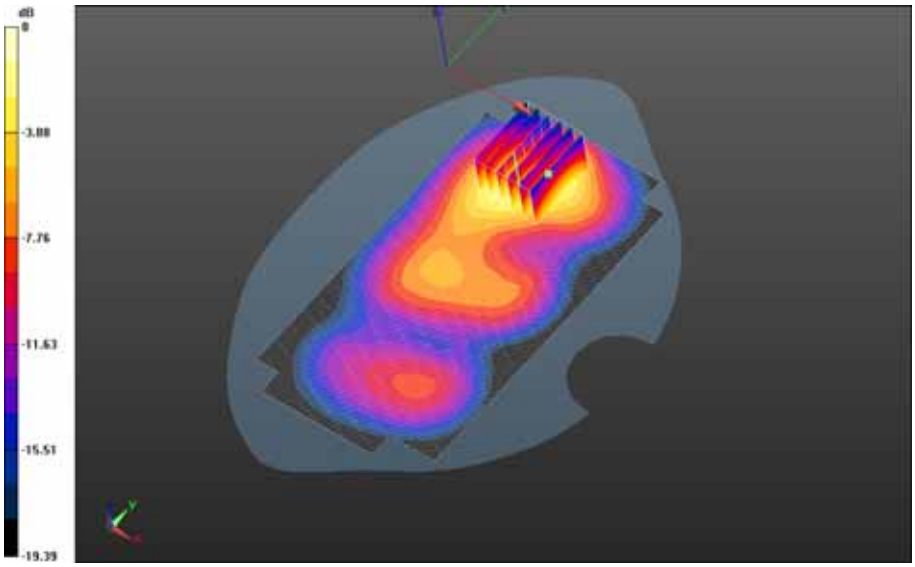
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_24.3C_liq_temp_23.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.798 V/m; **Power Drift = -0.084 dB**

Fast SAR: SAR(1g) = 0.653 W/kg; SAR(10g) = 0.394 W/kg
Maximum value of SAR (interpolated) = 0.710 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_24.3C_liq_temp_23.1C/Zoom Scan (26x31x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.798 V/m; **Power Drift = -0.084 dB**

Averaged SAR: SAR(1g) = 0.696 W/kg; SAR(10g) = 0.435 W/kg
Maximum value of SAR (interpolated) = 1.06 W/kg



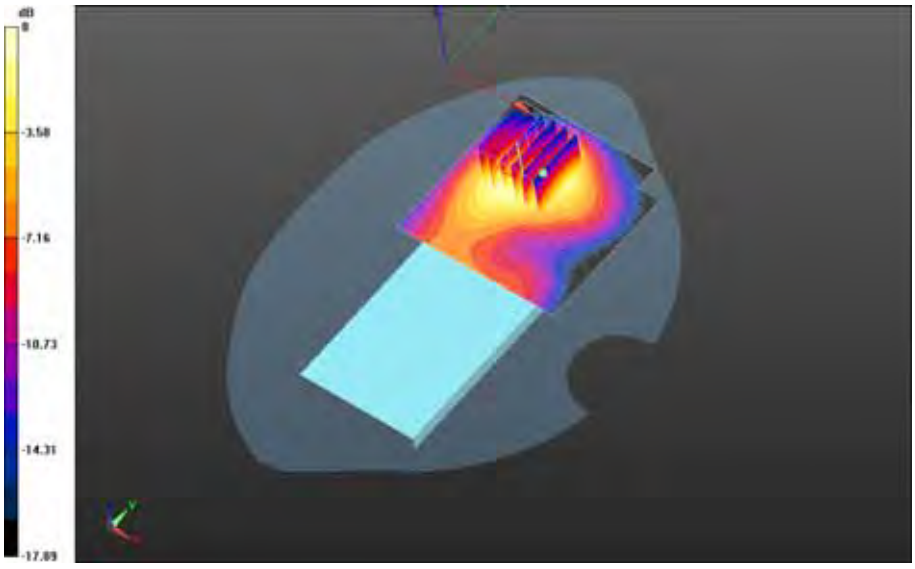
0 dB = 0.772 W/kg = -1.12 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18900_20MHz_BW_RB1_Offset_Low_amb_temp_24.3C_liq_temp_23.1C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.653 V/m; **Power Drift = 0.068 dB**

Fast SAR: SAR(1g) = 0.688 W/kg; SAR(10g) = 0.406 W/kg
Maximum value of SAR (interpolated) = 0.768 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18900_20MHz_BW_RB1_Offset_Low_amb_temp_24.3C_liq_temp_23.1C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.653 V/m; **Power Drift = 0.068 dB**

Averaged SAR: SAR(1g) = 0.669 W/kg; SAR(10g) = 0.418 W/kg
Maximum value of SAR (interpolated) = 1.00 W/kg



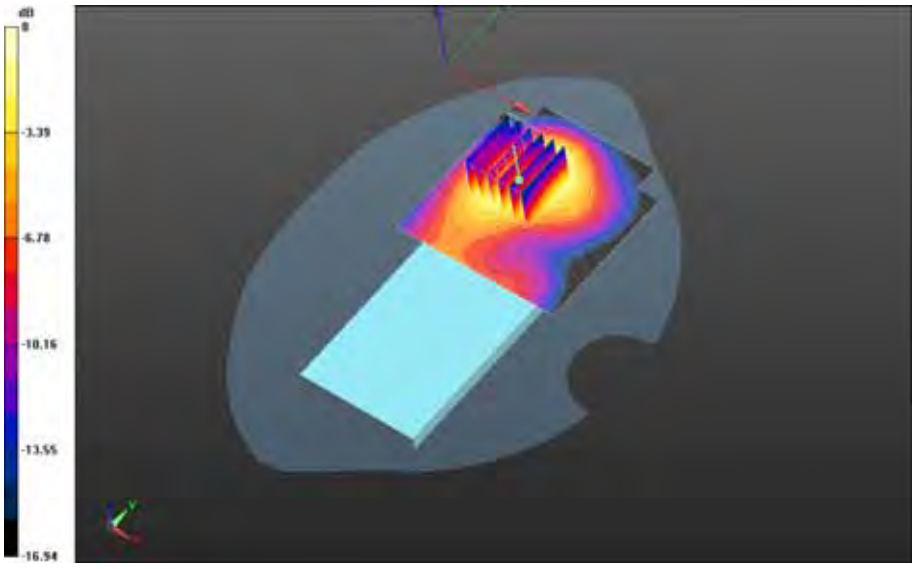
0 dB = 0.745 W/kg = -1.28 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan19100_20MHz_BW_RB1_Offset_Low_amb_temp_24.2C_liq_temp_23.0C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.096 V/m; **Power Drift = 0.045 dB**

Fast SAR: SAR(1g) = 0.648 W/kg; SAR(10g) = 0.376 W/kg
Maximum value of SAR (interpolated) = 0.732 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan19100_20MHz_BW_RB1_Offset_Low_amb_temp_24.2C_liq_temp_23.0C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.096 V/m; **Power Drift = 0.045 dB**

Averaged SAR: SAR(1g) = 0.633 W/kg; SAR(10g) = 0.390 W/kg
Maximum value of SAR (interpolated) = 0.867 W/kg



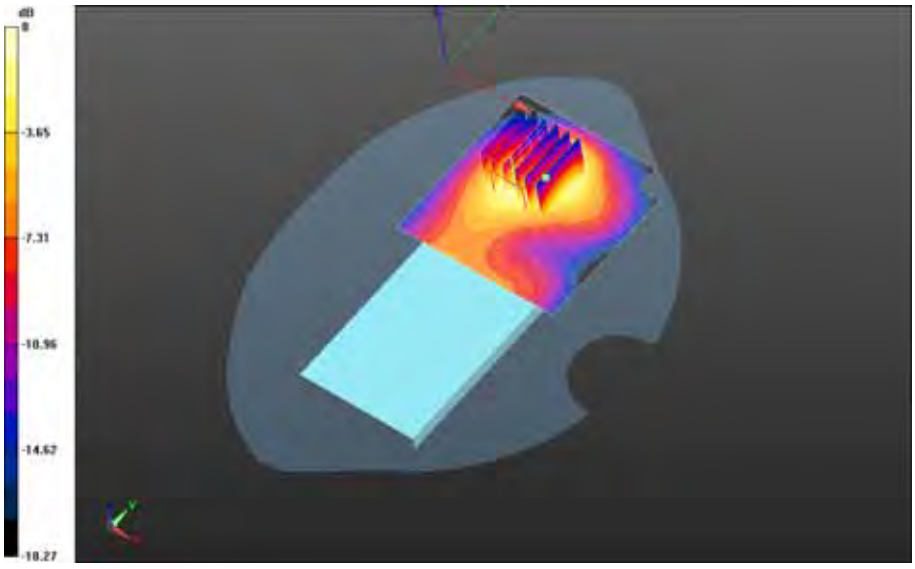
0 dB = 0.683 W/kg = -1.66 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB50_Offset_High_amb_temp_24.2C_liq_temp_23.0C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.166 V/m; **Power Drift = -0.048 dB**

Fast SAR: SAR(1g) = 0.633 W/kg; SAR(10g) = 0.379 W/kg
Maximum value of SAR (interpolated) = 0.689 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB50_Offset_High_amb_temp_24.2C_liq_temp_23.0C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.166 V/m; **Power Drift = -0.048 dB**

Averaged SAR: SAR(1g) = 0.689 W/kg; SAR(10g) = 0.431 W/kg
Maximum value of SAR (interpolated) = 1.06 W/kg



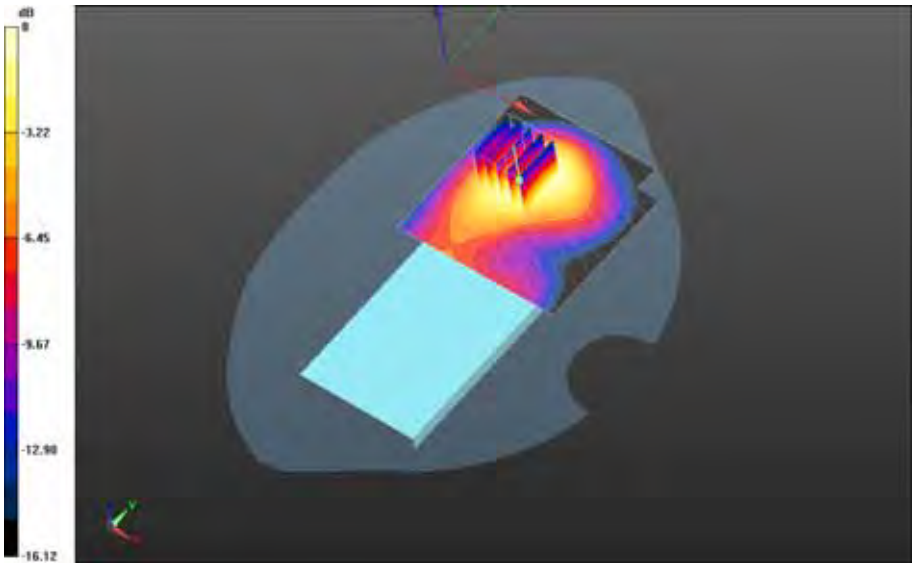
0 dB = 0.740 W/kg = -1.31 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18900_20MHz_BW_RB50_Offset_High_amb_temp_24.0C_liq_temp_23.0C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.926 V/m; **Power Drift = -0.018 dB**

Fast SAR: SAR(1g) = 0.640 W/kg; SAR(10g) = 0.377 W/kg
Maximum value of SAR (interpolated) = 0.725 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18900_20MHz_BW_RB50_Offset_High_amb_temp_24.0C_liq_temp_23.0C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 10.926 V/m; **Power Drift = -0.018 dB**

Averaged SAR: SAR(1g) = 0.637 W/kg; SAR(10g) = 0.394 W/kg
Maximum value of SAR (interpolated) = 0.916 W/kg



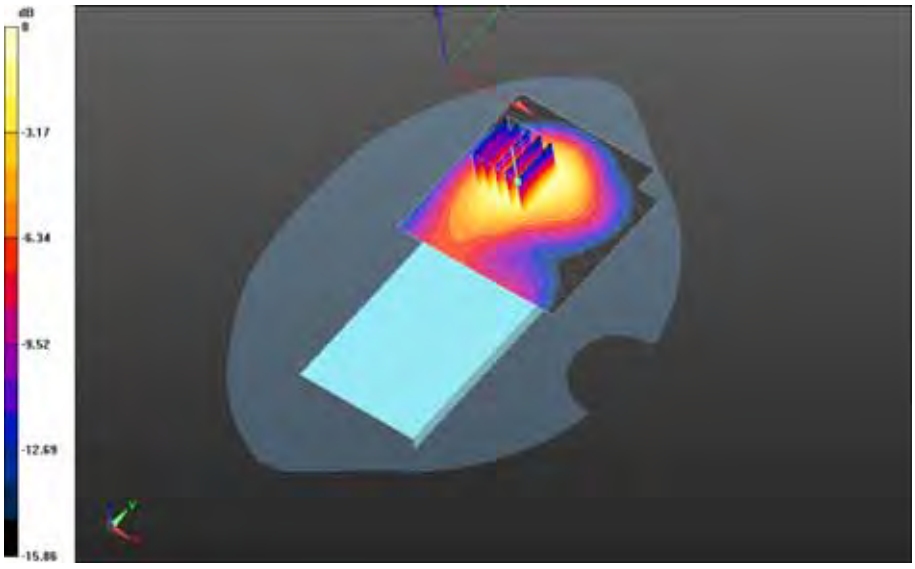
0 dB = 0.713 W/kg = -1.47 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan19100_20MHz_BW_RB50_Offset_High_amb_temp_23.9C_liq_temp_22.8C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.059 V/m; **Power Drift = -0.106 dB**

Fast SAR: SAR(1g) = 0.569 W/kg; SAR(10g) = 0.329 W/kg
Maximum value of SAR (interpolated) = 0.647 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan19100_20MHz_BW_RB50_Offset_High_amb_temp_23.9C_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 = 10.059 V/m; **Power Drift = -0.106 dB**

Averaged SAR: SAR(1g) = 0.566 W/kg; SAR(10g) = 0.349 W/kg
Maximum value of SAR (interpolated) = 0.765 W/kg



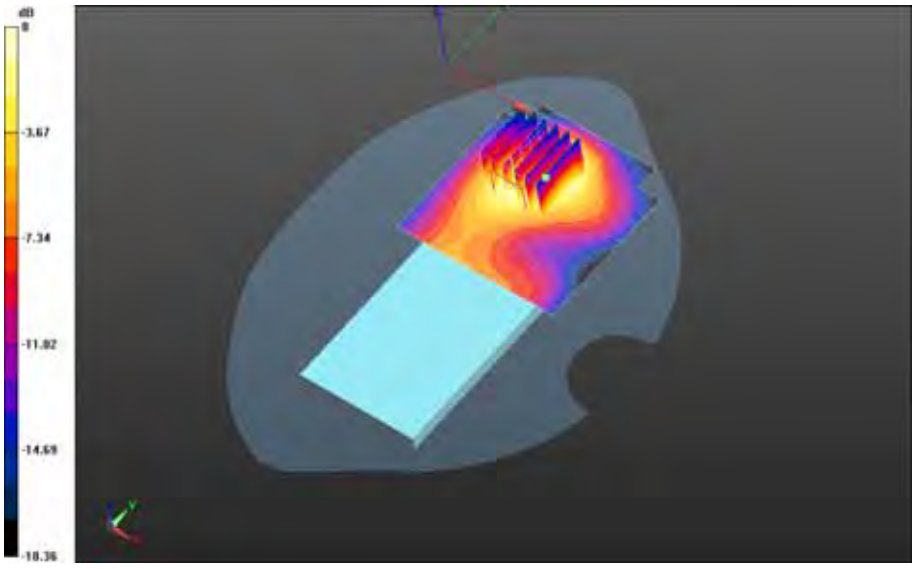
0 dB = 0.635 W/kg = -1.97 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB100_Offset_Low_amb_temp_23.7C_liq_temp_22.8C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.149 V/m; **Power Drift = 0.081 dB**

Fast SAR: SAR(1g) = 0.648 W/kg; SAR(10g) = 0.388 W/kg
Maximum value of SAR (interpolated) = 0.701 W/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Back - LTE band 2_chan18700_20MHz_BW_RB100_Offset_Low_amb_temp_23.7C_liq_temp_22.8C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.149 V/m; **Power Drift = 0.081 dB**

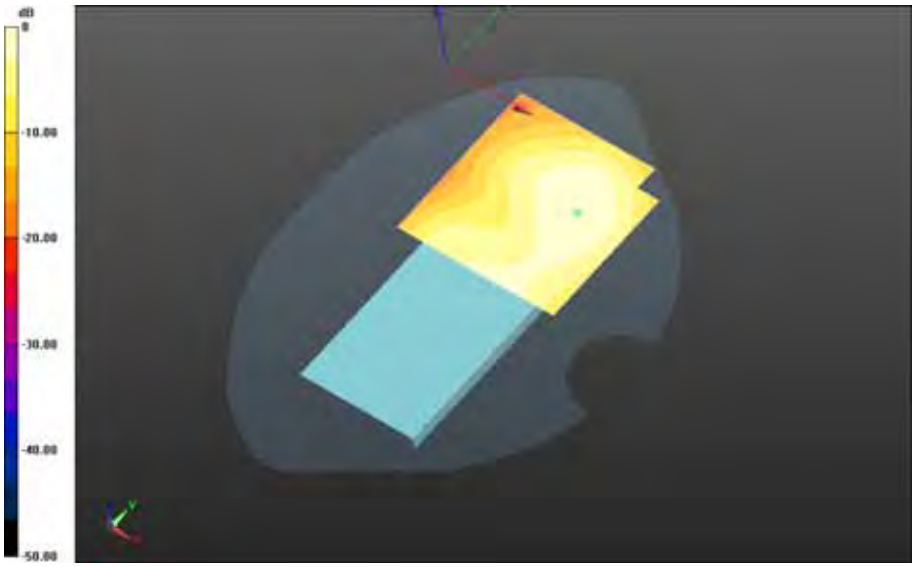
Averaged SAR: SAR(1g) = 0.700 W/kg; SAR(10g) = 0.438 W/kg
Maximum value of SAR (interpolated) = 1.08 W/kg



0 dB = 0.752 W/kg = -1.24 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Front - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.7C_liq_temp_22.7C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.474 V/m; **Power Drift = -0.015 dB**

Fast SAR: SAR(1g) = 0.369 W/kg; SAR(10g) = 0.219 W/kg
Maximum value of SAR (interpolated) = 0.406 W/kg



0 dB = 0.406 W/kg = -3.91 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Left - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.5C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.191 V/m; **Power Drift = -0.060 dB**

Fast SAR: SAR(1g) = 0.254 W/kg; SAR(10g) = 0.148 W/kg
Maximum value of SAR (interpolated) = 0.285 W/kg

0 dB = 0.285 W/kg = -5.45 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Right - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.000 V/m; **Power Drift = -0.038 dB**

Fast SAR: SAR(1g) = 0.0831 W/kg; SAR(10g) = 0.0472 W/kg
Maximum value of SAR (interpolated) = 0.0968 W/kg

0 dB = 0.0968 W/kg = -10.14 dBW/kg

Mobile Hot Spot MSL - LTE Band 2_slider open/10mm Device Bottom - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.588 V/m; **Power Drift = -0.016 dB**

Fast SAR: SAR(1g) = 0.131 W/kg; SAR(10g) = 0.0770 W/kg
Maximum value of SAR (interpolated) = 0.142 W/kg

0 dB = 0.142 W/kg = -8.48 dBW/kg

Date: 7/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Body Worn MSL - LTE band 2

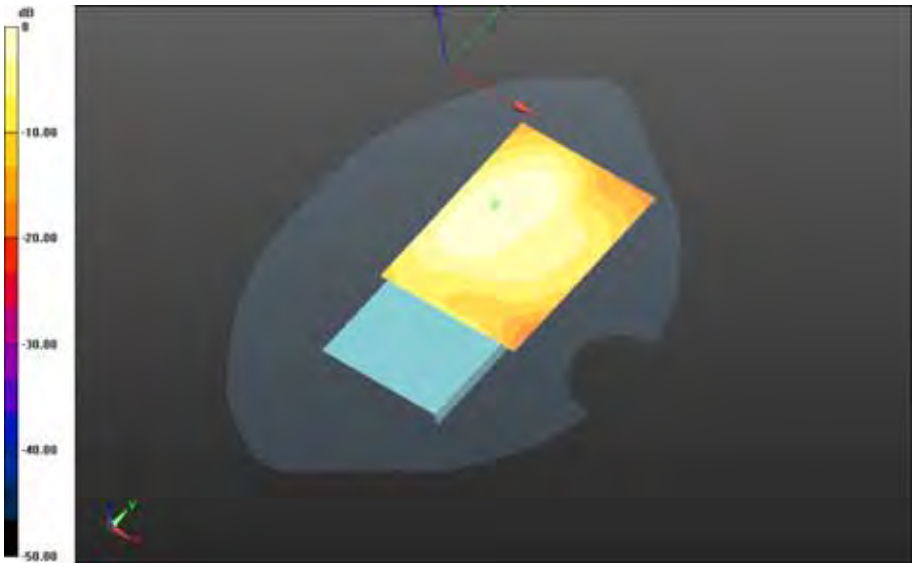
Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.506 S/m; ε_r = 51.698; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE band 2/15mm Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_23.7_liq_temp_21.4C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.588 V/m; **Power Drift = -0.181 dB**

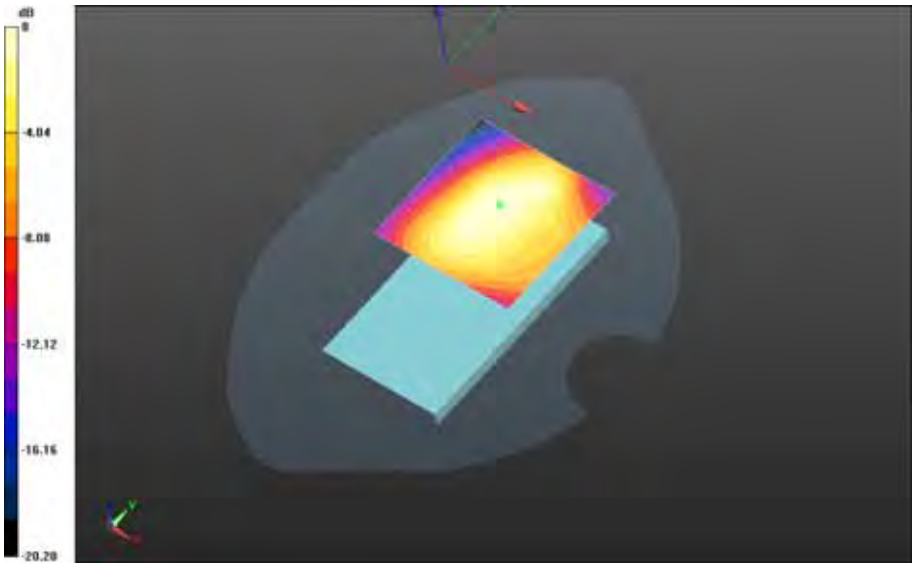
Fast SAR: SAR(1g) = 0.510 W/kg; SAR(10g) = 0.304 W/kg
Maximum value of SAR (interpolated) = 0.570 W/kg



0 dB = 0.570 W/kg = -2.44 dBW/kg

Body Worn MSL - LTE band 2/15mm Device Back - LTE band 2_chan18900_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_21.4C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.557 V/m; **Power Drift = -0.159 dB**

Fast SAR: SAR(1g) = 0.513 W/kg; SAR(10g) = 0.309 W/kg
Maximum value of SAR (interpolated) = 0.556 W/kg



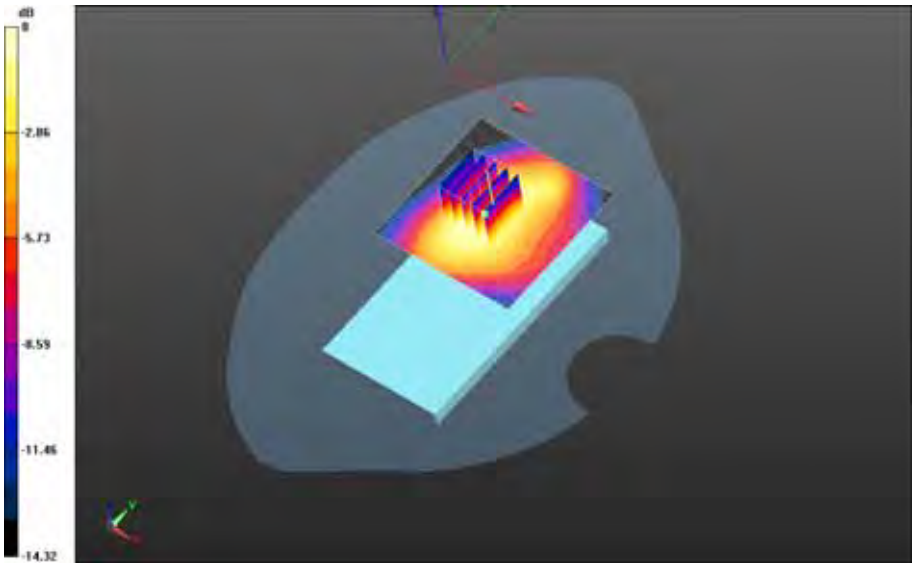
0 dB = 0.556 W/kg = -2.55 dBW/kg

Body Worn MSL - LTE band 2/15mm Device Back - LTE band 2_chan19100_20MHz_BW_RB1_Offset_Low_amb_temp_23.5C_liq_temp_21.4C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.968 V/m; **Power Drift = -0.00482 dB**

Fast SAR: SAR(1g) = 0.573 W/kg; SAR(10g) = 0.343 W/kg
Maximum value of SAR (interpolated) = 0.623 W/kg

Body Worn MSL - LTE band 2/15mm Device Back - LTE band 2_chan19100_20MHz_BW_RB1_Offset_Low_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 = 8.968 V/m; **Power Drift = -0.00482 dB**

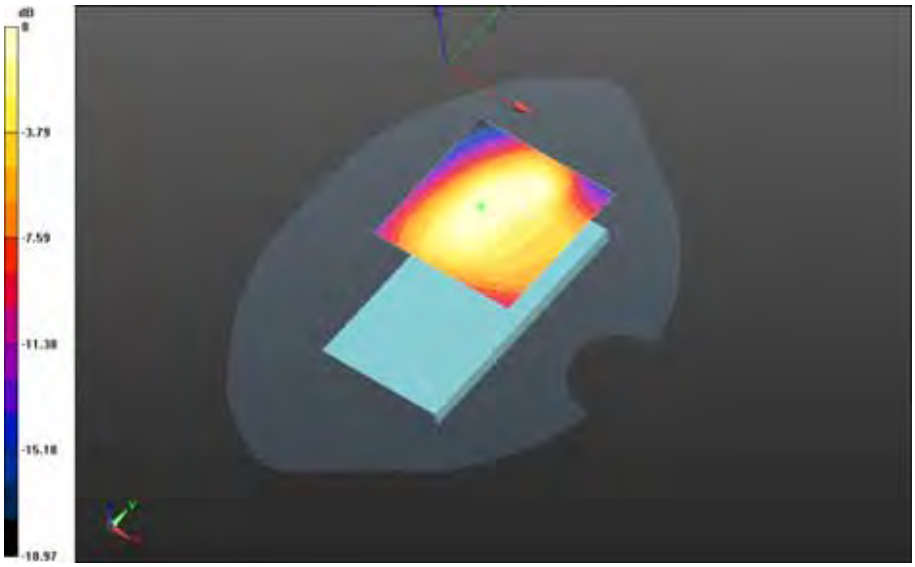
Averaged SAR: SAR(1g) = 0.586 W/kg; SAR(10g) = 0.379 W/kg
Maximum value of SAR (interpolated) = 0.784 W/kg



0 dB = 0.632 W/kg = -1.99 dBW/kg

Body Worn MSL - LTE band 2/15mm Device Back - LTE band 2_chan18700_20MHz_BW_RB50_Offset_High_amb_temp_23.6C_liq_temp_21.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.617 V/m; **Power Drift = -0.174 dB**

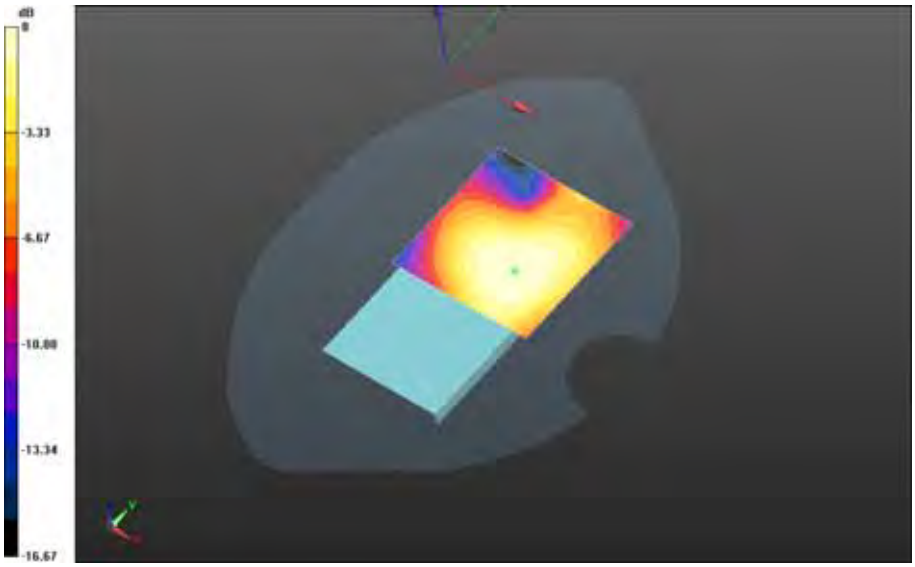
Fast SAR: SAR(1g) = 0.374 W/kg; SAR(10g) = 0.229 W/kg
Maximum value of SAR (interpolated) = 0.411 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

Body Worn MSL - LTE band 2/15mm Device Front - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_24.2C_liq_temp_21.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.231 V/m; **Power Drift = 0.016 dB**

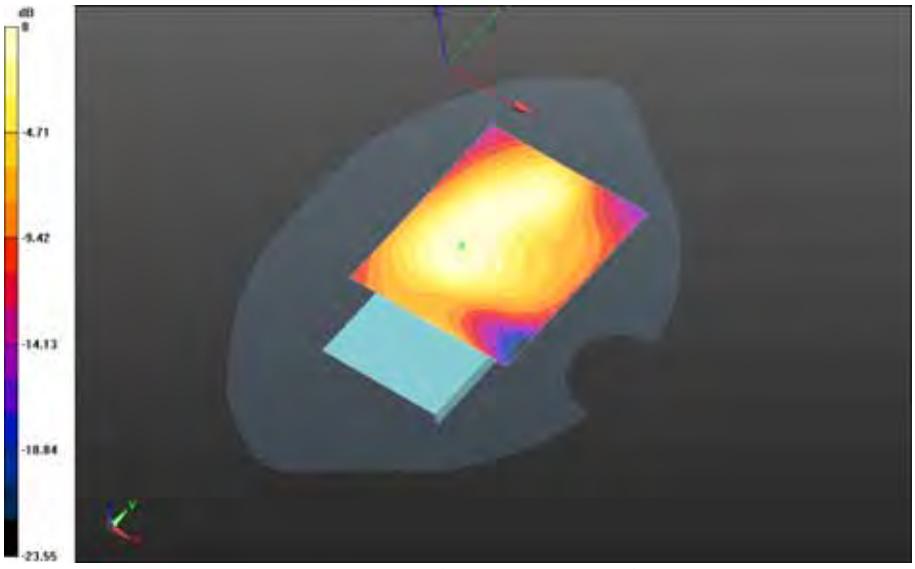
Fast SAR: SAR(1g) = 0.243 W/kg; SAR(10g) = 0.153 W/kg
Maximum value of SAR (interpolated) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

Body Worn MSL - LTE band 2/Holster Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_High_amb_temp_24.2C_liq_temp_21.7C/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.707 V/m; **Power Drift = 0.116 dB**

Fast SAR: SAR(1g) = 0.251 W/kg; SAR(10g) = 0.154 W/kg
Maximum value of SAR (interpolated) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

LTE Band 25

Date: 7/24/2015

Test Lab: BlackBerry RTSGD
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463186

Configuration: Right-Hand-Side HSL -LTE band 25_slider closed

Communication System: LTE 25 (0); Communication System Band: LTE band 25; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

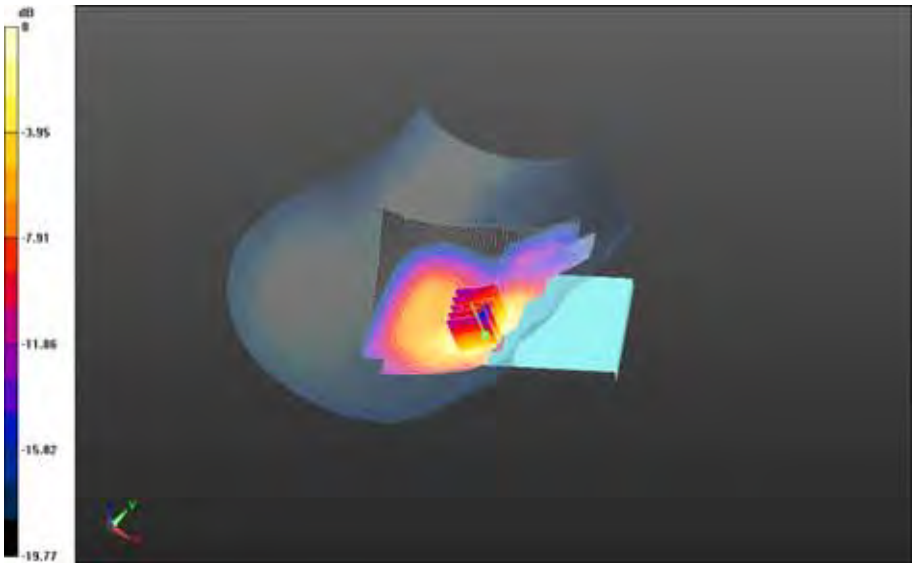
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL -LTE band 25_slider closed/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.898 V/m; **Power Drift = -0.011 dB**

Fast SAR: SAR(1g) = 0.301 W/kg; SAR(10g) = 0.175 W/kg
Maximum value of SAR (interpolated) = 0.327 W/kg

Right-Hand-Side HSL -LTE band 25_slider closed/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.2C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.898 V/m; **Power Drift = -0.011 dB**

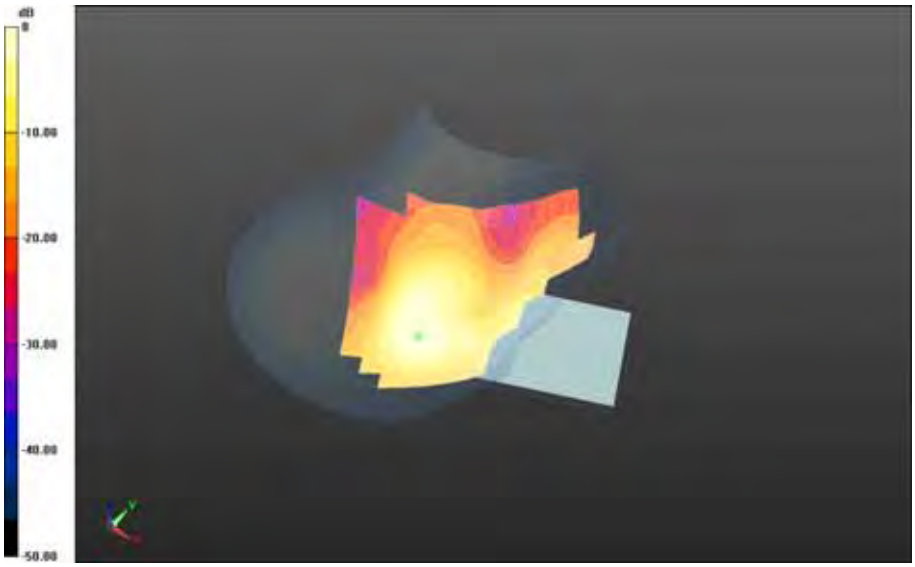
Averaged SAR: SAR(1g) = 0.297 W/kg; SAR(10g) = 0.191 W/kg
Maximum value of SAR (interpolated) = 0.399 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

Right-Hand-Side HSL -LTE band 25_slider closed/Tilt Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.954 V/m; **Power Drift = 0.102 dB**

Fast SAR: SAR(1g) = 0.255 W/kg; SAR(10g) = 0.146 W/kg
Maximum value of SAR (interpolated) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

Date: 7/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463186

Configuration: Left-Hand-Side HSL - LTE band 25_slider closed

Communication System: LTE 25 (0); Communication System Band: LTE band 25; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

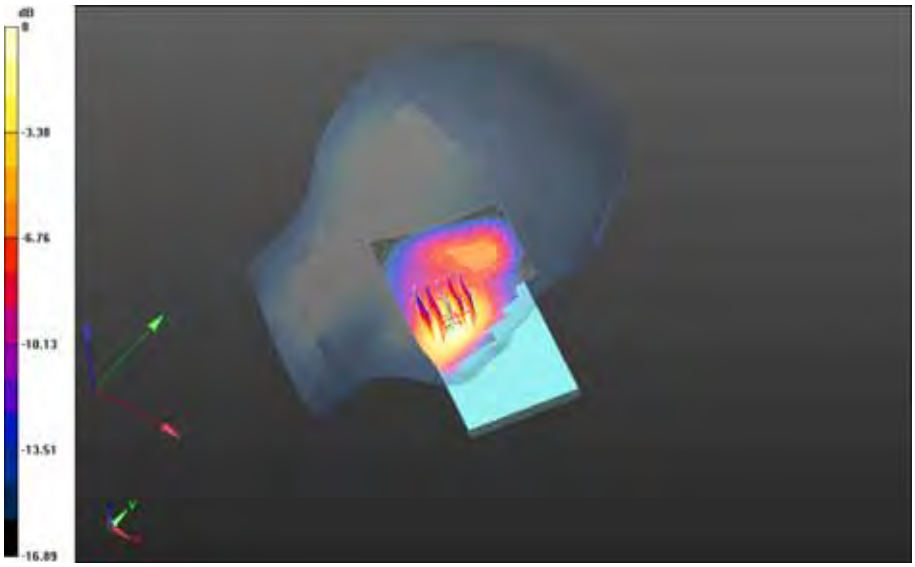
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - LTE band 25_slider closed/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.426 V/m; **Power Drift = -0.041 dB**

Fast SAR: SAR(1g) = 0.592 W/kg; SAR(10g) = 0.336 W/kg
Maximum value of SAR (interpolated) = 0.656 W/kg

Left-Hand-Side HSL - LTE band 25_slider closed/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_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 = 8.426 V/m; **Power Drift = -0.041 dB**

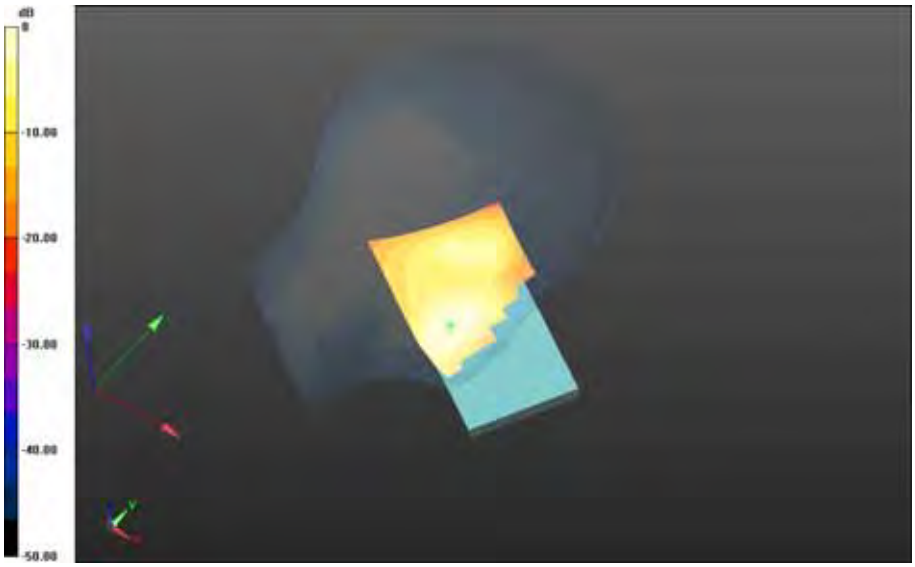
Averaged SAR: SAR(1g) = 0.590 W/kg; SAR(10g) = 0.363 W/kg
Maximum value of SAR (interpolated) = 0.847 W/kg



0 dB = 0.648 W/kg = -1.88 dBW/kg

Left-Hand-Side HSL - LTE band 25_slider closed/Touch Position - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.835 V/m; **Power Drift = -0.145 dB**

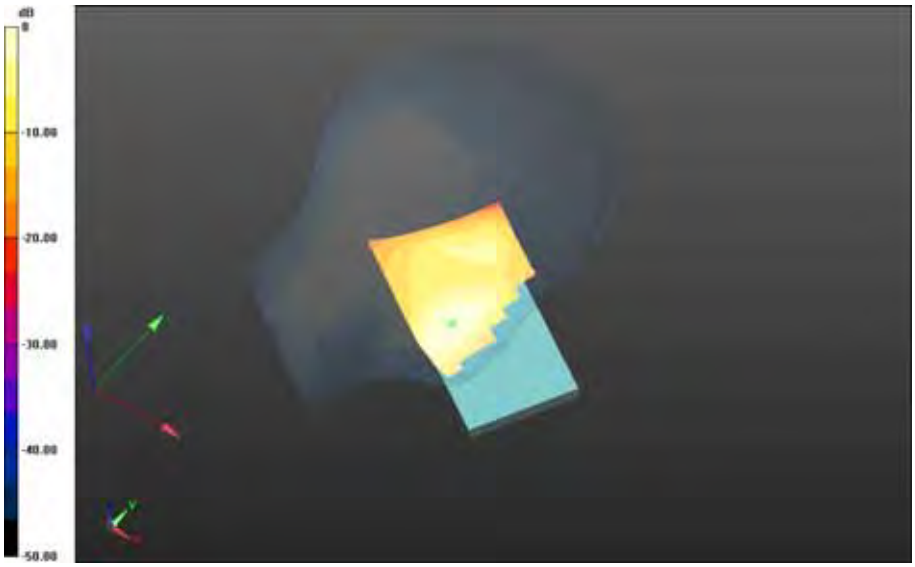
Fast SAR: SAR(1g) = 0.473 W/kg; SAR(10g) = 0.268 W/kg
Maximum value of SAR (interpolated) = 0.529 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

Left-Hand-Side HSL - LTE band 25_slider closed/Touch Position - LTE band 25_chan26590_20MHz_BW_RB1_Offset_Low_amb_temp_23.5C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.403 V/m; **Power Drift = -0.014 dB**

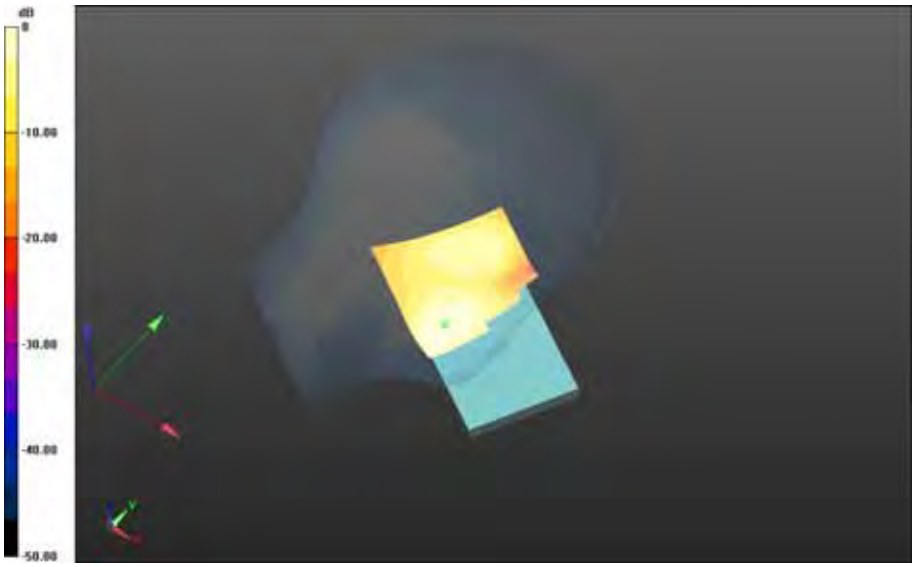
Fast SAR: SAR(1g) = 0.408 W/kg; SAR(10g) = 0.232 W/kg
Maximum value of SAR (interpolated) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

Left-Hand-Side HSL - LTE band 25_slider closed/Touch Position - LTE band 25_chan26140_20MHz_BW_RB50_Offset_Low_amb_temp_23.8_liq_temp_21.4C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.076 V/m; **Power Drift = -0.162 dB**

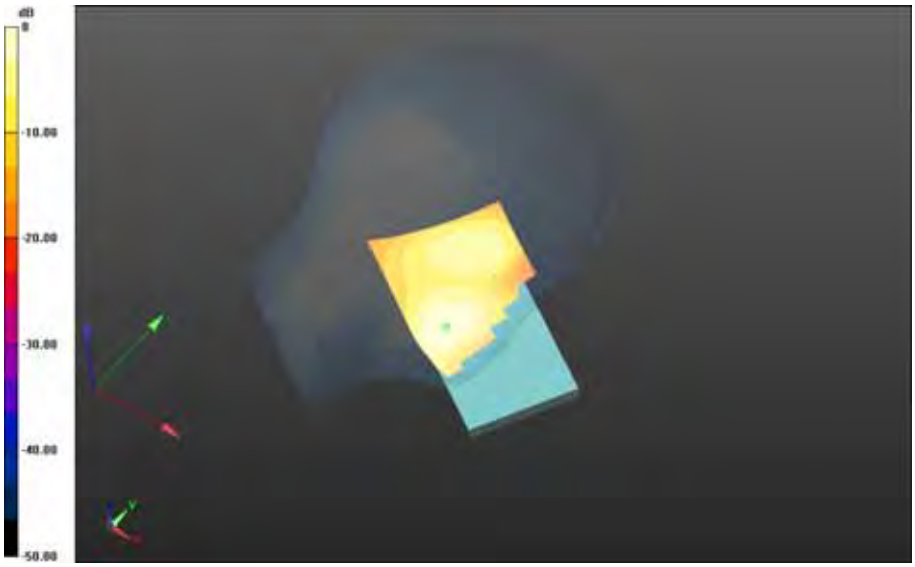
Fast SAR: SAR(1g) = 0.276 W/kg; SAR(10g) = 0.162 W/kg
Maximum value of SAR (interpolated) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

Left-Hand-Side HSL - LTE band 25_slider closed/Touch Position - LTE band 25_chan26140_20MHz_BW_RB100_Offset_Low_amb_temp_23.8_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.007 V/m; **Power Drift = 0.099 dB**

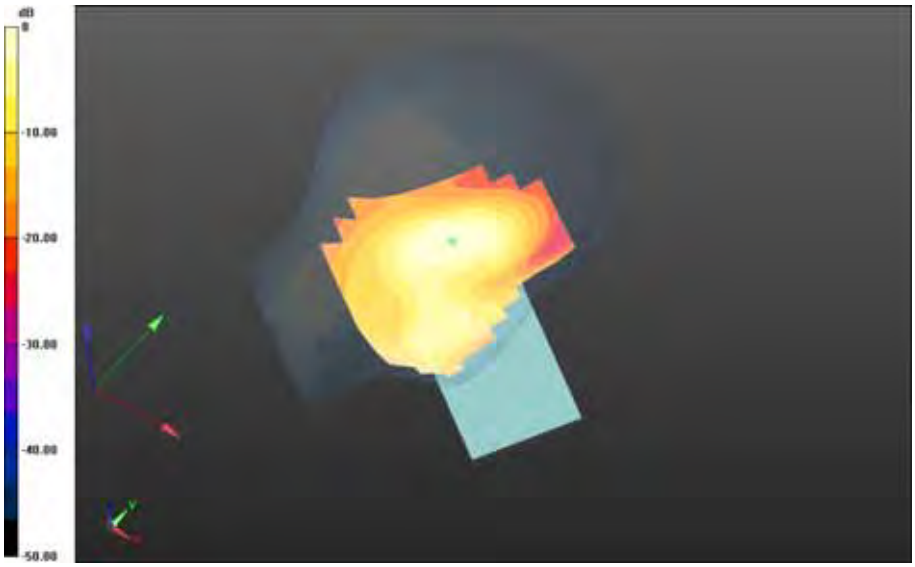
Fast SAR: SAR(1g) = 0.297 W/kg; SAR(10g) = 0.169 W/kg
Maximum value of SAR (interpolated) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

Left-Hand-Side HSL - LTE band 25_slider closed/Tilt Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.401 V/m; **Power Drift = -0.060 dB**

Fast SAR: SAR(1g) = 0.249 W/kg; SAR(10g) = 0.140 W/kg
Maximum value of SAR (interpolated) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

Date: 7/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463186

Configuration: Right-Hand-Side HSL -LTE band 25_slider open

Communication System: LTE 25 (0); Communication System Band: LTE band 25; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

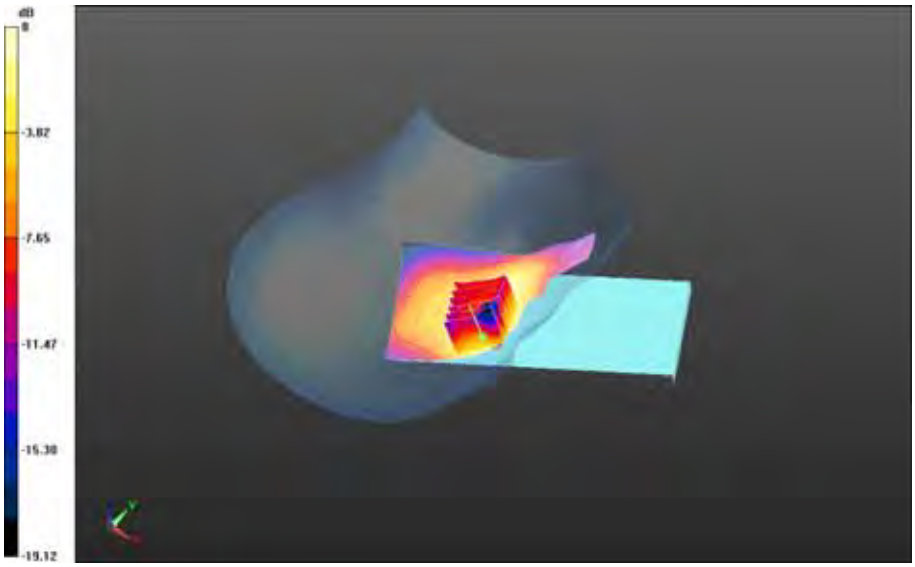
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL -LTE band 25_slider open/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.862 V/m; **Power Drift = -0.102 dB**

Fast SAR: SAR(1g) = 0.274 W/kg; SAR(10g) = 0.165 W/kg
Maximum value of SAR (interpolated) = 0.307 W/kg

Right-Hand-Side HSL -LTE band 25_slider open/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_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 = 7.862 V/m; **Power Drift = -0.102 dB**

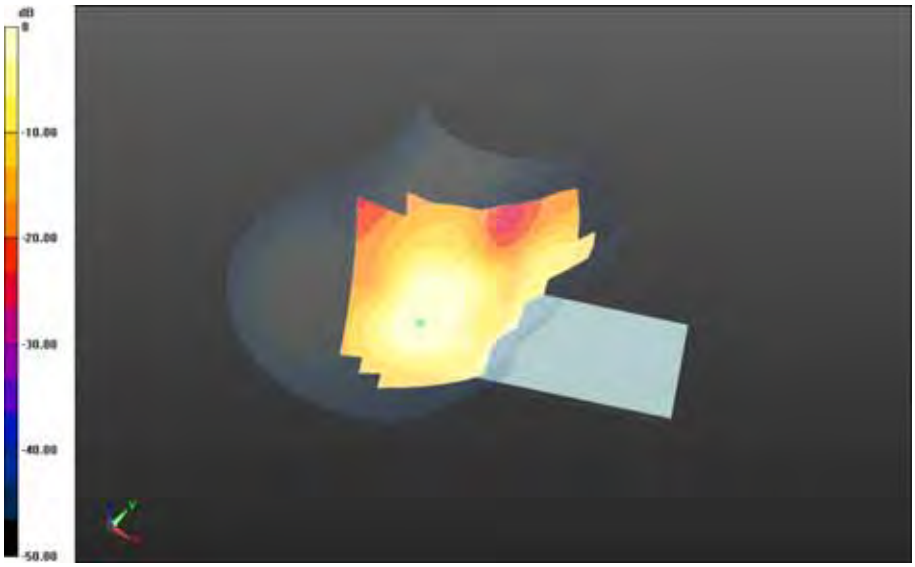
Averaged SAR: SAR(1g) = 0.289 W/kg; SAR(10g) = 0.188 W/kg
Maximum value of SAR (interpolated) = 0.393 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg

Right-Hand-Side HSL -LTE band 25_slider open/Tilt Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.988 V/m; **Power Drift = 0.124 dB**

Fast SAR: SAR(1g) = 0.276 W/kg; SAR(10g) = 0.163 W/kg
Maximum value of SAR (interpolated) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

Date: 7/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463186

Configuration: Left-Hand-Side HSL - LTE band 25_slider open

Communication System: LTE 25 (0); Communication System Band: LTE band 25; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.351 S/m; ε_r = 38.616; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

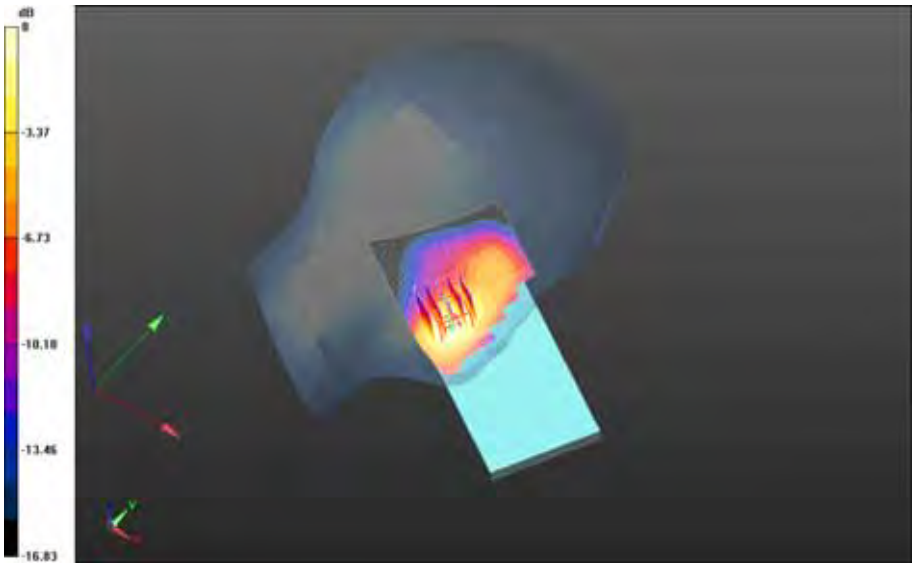
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - LTE band 25_slider open/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.312 V/m; **Power Drift = -0.085 dB**

Fast SAR: SAR(1g) = 0.591 W/kg; SAR(10g) = 0.339 W/kg
Maximum value of SAR (interpolated) = 0.655 W/kg

Left-Hand-Side HSL - LTE band 25_slider open/Touch Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_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 = 5.312 V/m; **Power Drift = -0.085 dB**

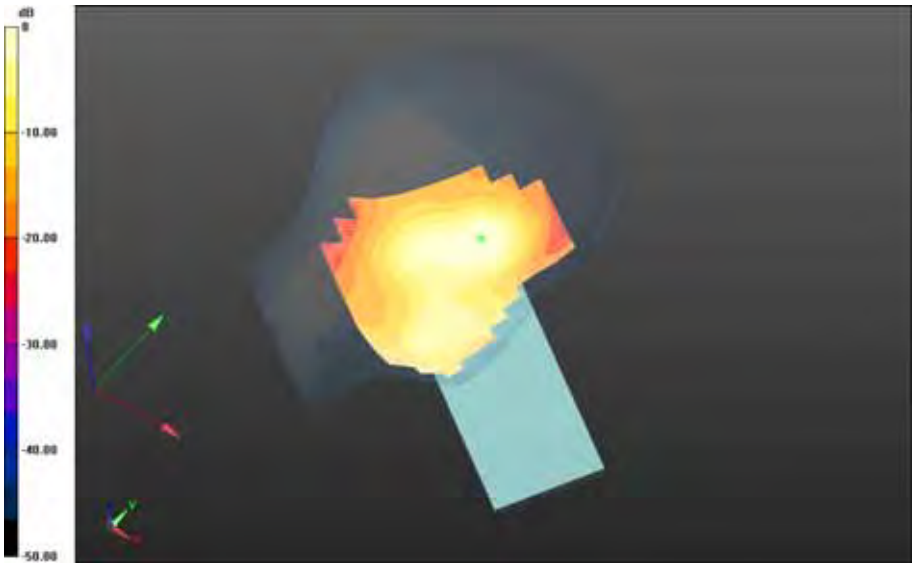
Averaged SAR: SAR(1g) = 0.591 W/kg; SAR(10g) = 0.370 W/kg
Maximum value of SAR (interpolated) = 0.830 W/kg



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

Left-Hand-Side HSL - LTE band 25_slider open/Tilt Position - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.119 V/m; **Power Drift = -0.137 dB**

Fast SAR: SAR(1g) = 0.311 W/kg; SAR(10g) = 0.185 W/kg
Maximum value of SAR (interpolated) = 0.390 W/kg



0 dB = 0.390 W/kg = -4.09 dBW/kg

Date: 9/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463186

Configuration: Mobile Hot Spot MSL - LTE Band 25_slider closed

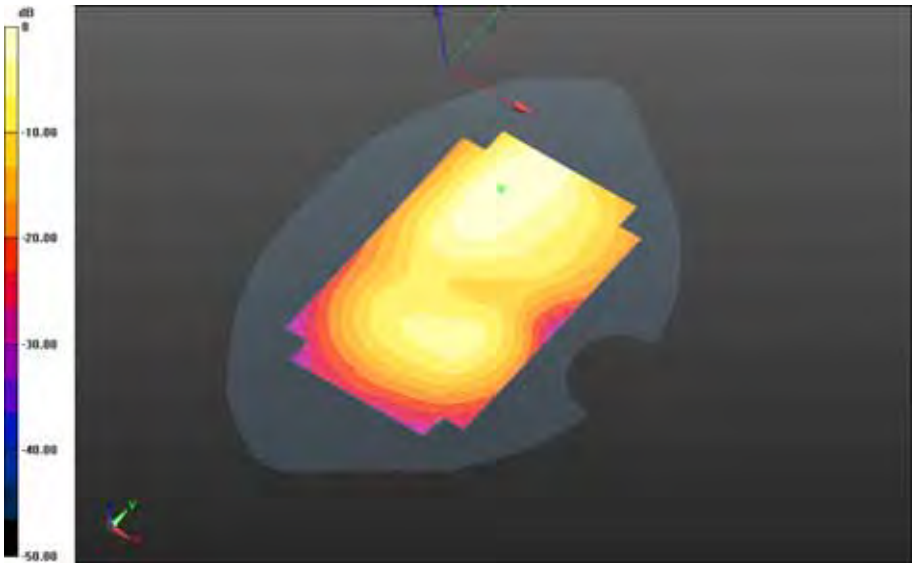
Communication System: LTE 25 (0); Communication System Band: LTE band 25; Frequency: 1882.5 MHz
Medium Parameters used: f=1882.5 MHz; σ = 1.533 S/m; ε_r = 51.429; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE Band 25_slider closed/10mm Device Back - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_24.0C_liq_temp_23.1C/Area Scan (121x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.066 V/m; **Power Drift = -0.043 dB**

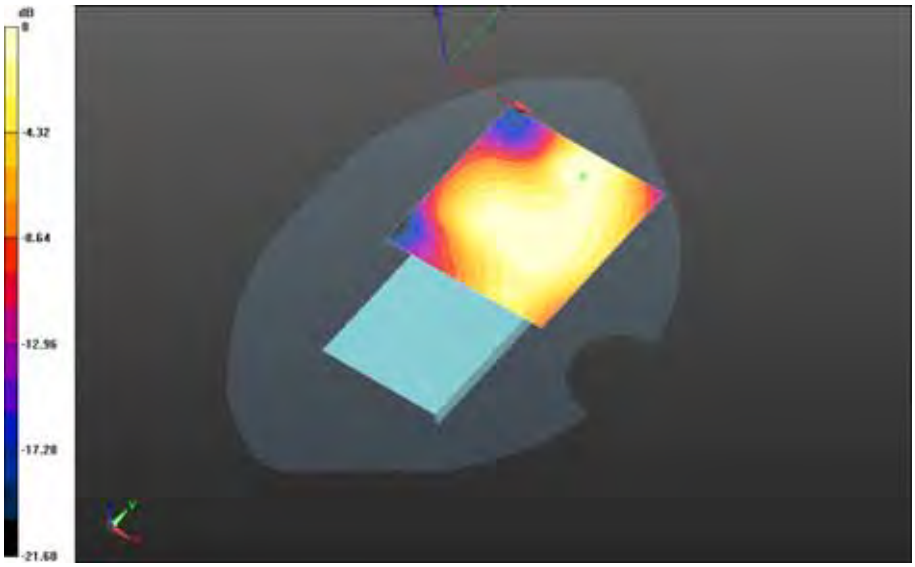
Fast SAR: SAR(1g) = 0.490 W/kg; SAR(10g) = 0.293 W/kg
Maximum value of SAR (interpolated) = 0.535 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider closed/10mm Device Front - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_22.8C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.616 V/m; **Power Drift = 0.129 dB**

Fast SAR: SAR(1g) = 0.128 W/kg; SAR(10g) = 0.0778 W/kg
Maximum value of SAR (interpolated) = 0.142 W/kg



0 dB = 0.142 W/kg = -8.48 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider closed/10mm Device Left - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.951 V/m; **Power Drift = 0.118 dB**

Fast SAR: SAR(1g) = 0.287 W/kg; SAR(10g) = 0.166 W/kg
Maximum value of SAR (interpolated) = 0.319 W/kg

0 dB = 0.319 W/kg = -4.96 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider closed/10mm Device Right - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 2.226 V/m; **Power Drift = -0.118 dB**

Fast SAR: SAR(1g) = 0.0533 W/kg; SAR(10g) = 0.0311 W/kg
Maximum value of SAR (interpolated) = 0.0595 W/kg

0 dB = 0.0595 W/kg = -12.25 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider closed/10mm Device Bottom - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.9_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.989 V/m; **Power Drift = -0.031 dB**

Fast SAR: SAR(1g) = 0.0816 W/kg; SAR(10g) = 0.0472 W/kg
Maximum value of SAR (interpolated) = 0.0919 W/kg

0 dB = 0.0919 W/kg = -10.37 dBW/kg

Date: 9/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463186

Configuration: Mobile Hot Spot MSL - LTE Band 25_slider open

Communication System: LTE 25 (0); Communication System Band: LTE band 25; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.510 S/m; ε_r = 51.488; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

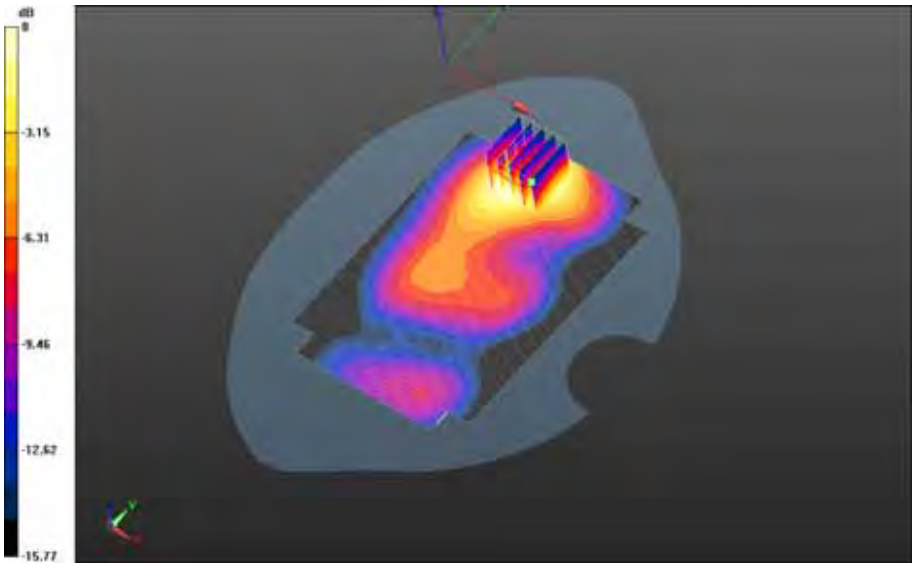
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Back - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Mid_amb_temp_23.9_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.341 V/m; **Power Drift = 0.153 dB**

Fast SAR: SAR(1g) = 0.607 W/kg; SAR(10g) = 0.360 W/kg
Maximum value of SAR (interpolated) = 0.662 W/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Back - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Mid_amb_temp_23.9_liq_temp_22.9C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.341 V/m; **Power Drift = 0.153 dB**

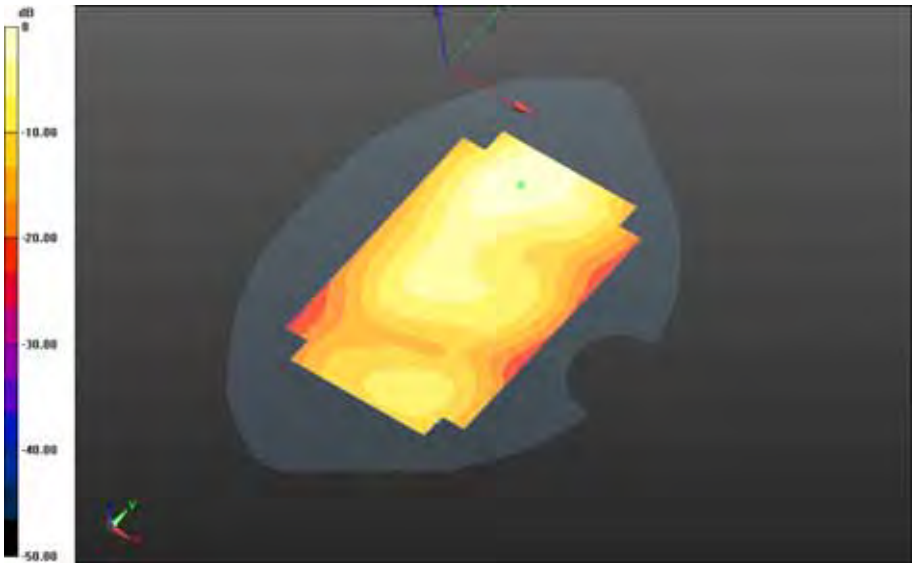
Averaged SAR: SAR(1g) = 0.618 W/kg; SAR(10g) = 0.389 W/kg
Maximum value of SAR (interpolated) = 0.966 W/kg



0 dB = 0.678 W/kg = -1.69 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Back - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_24.0C_liq_temp_23.0C/Area Scan (121x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.050 V/m; **Power Drift = -0.020 dB**

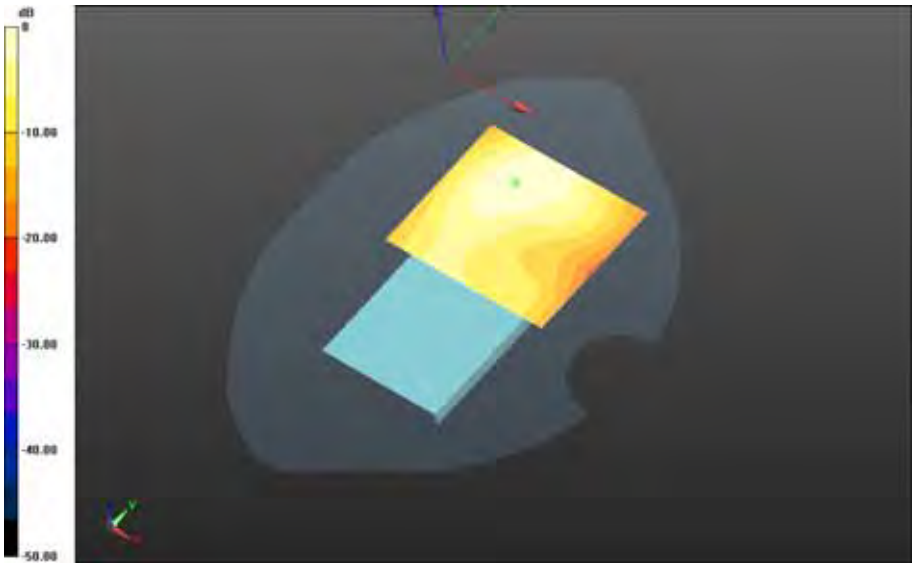
Fast SAR: SAR(1g) = 0.587 W/kg; SAR(10g) = 0.353 W/kg
Maximum value of SAR (interpolated) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Back - LTE band 25_chan26590_20MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_22.9C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.407 V/m; **Power Drift = 0.035 dB**

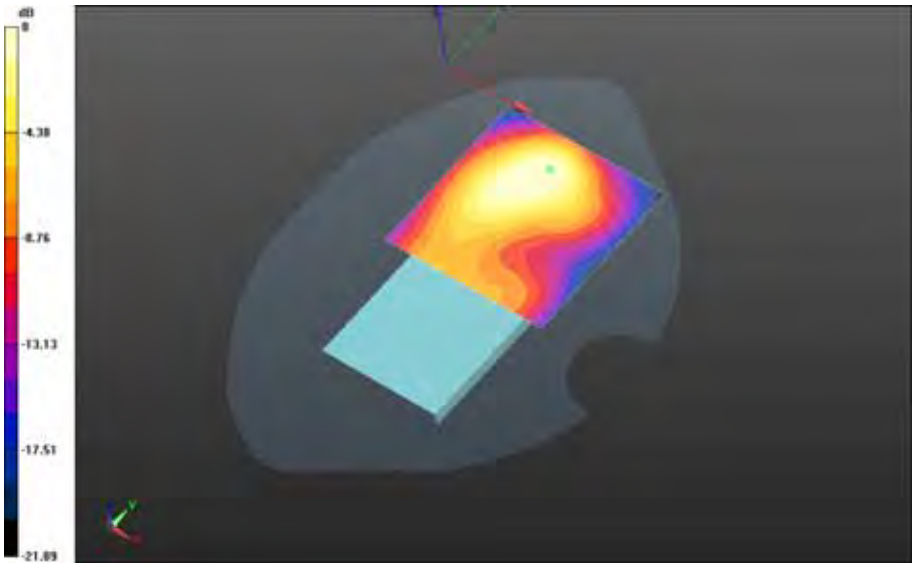
Fast SAR: SAR(1g) = 0.548 W/kg; SAR(10g) = 0.322 W/kg
Maximum value of SAR (interpolated) = 0.601 W/kg



0 dB = 0.601 W/kg = -2.21 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Back - LTE band 25_chan26365_20MHz_BW_RB50_Offset_High_amb_temp_23.8_liq_temp_22.9C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.719 V/m; **Power Drift = -0.021 dB**

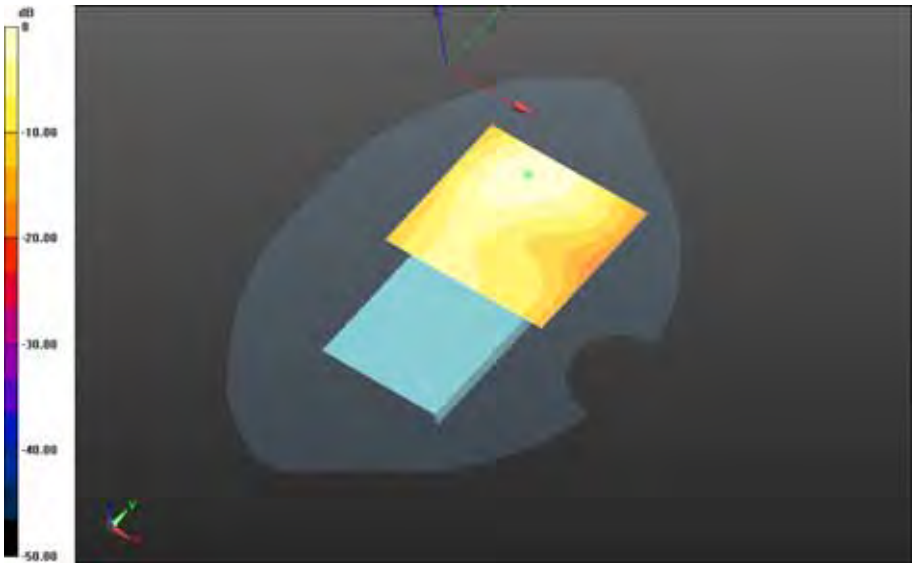
Fast SAR: SAR(1g) = 0.578 W/kg; SAR(10g) = 0.344 W/kg
Maximum value of SAR (interpolated) = 0.637 W/kg



0 dB = 0.637 W/kg = -1.96 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Back - LTE band 25_chan26140_20MHz_BW_RB100_Offset_Low_amb_temp_23.6_liq_temp_23.0C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.060 V/m; **Power Drift = -0.027 dB**

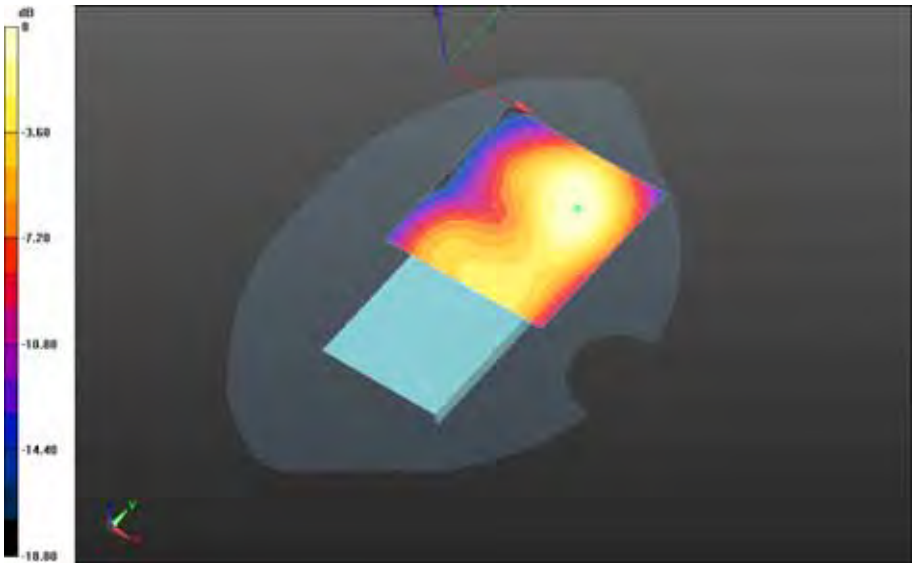
Fast SAR: SAR(1g) = 0.589 W/kg; SAR(10g) = 0.350 W/kg
Maximum value of SAR (interpolated) = 0.651 W/kg



0 dB = 0.651 W/kg = -1.86 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Front - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.7_liq_temp_23.0C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.892 V/m; **Power Drift = -0.017 dB**

Fast SAR: SAR(1g) = 0.366 W/kg; SAR(10g) = 0.219 W/kg
Maximum value of SAR (interpolated) = 0.398 W/kg



0 dB = 0.398 W/kg = -4.00 dBW/kg

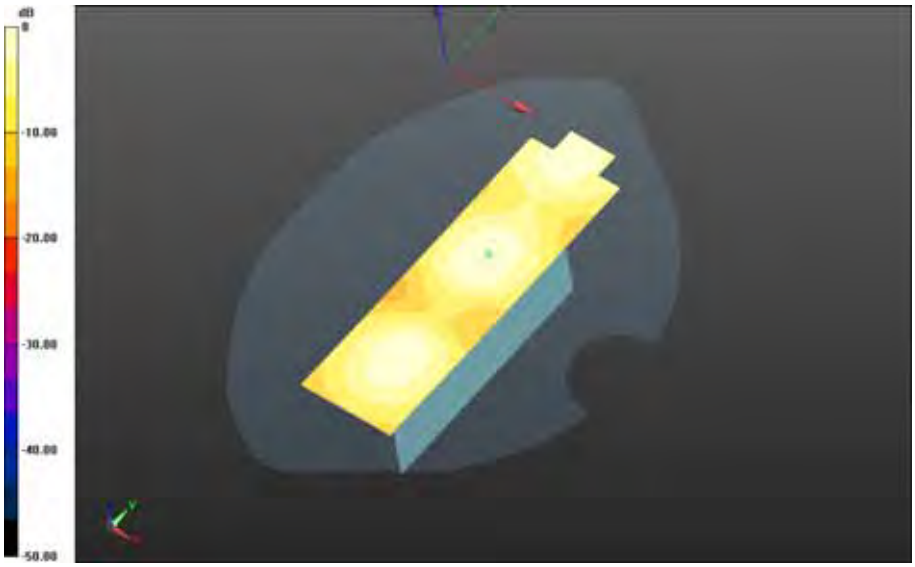
Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Left - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.9_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.972 V/m; **Power Drift = 0.037 dB**

Fast SAR: SAR(1g) = 0.235 W/kg; SAR(10g) = 0.137 W/kg
Maximum value of SAR (interpolated) = 0.259 W/kg

0 dB = 0.259 W/kg = -5.87 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Right - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.8_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.091 V/m; **Power Drift = -0.040 dB**

Fast SAR: SAR(1g) = 0.0817 W/kg; SAR(10g) = 0.0467 W/kg
Maximum value of SAR (interpolated) = 0.0886 W/kg



0 dB = 0.0886 W/kg = -10.53 dBW/kg

Mobile Hot Spot MSL - LTE Band 25_slider open/10mm Device Bottom - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_23.9_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.494 V/m; **Power Drift = 0.011 dB**

Fast SAR: SAR(1g) = 0.131 W/kg; SAR(10g) = 0.0769 W/kg
Maximum value of SAR (interpolated) = 0.143 W/kg

0 dB = 0.143 W/kg = -8.45 dBW/kg

Date: 7/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463186

Configuration: Body Worn MSL - LTE band 25

Communication System: LTE 25 (0); Communication System Band: LTE band 25; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.506 S/m; ε_r = 51.698; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

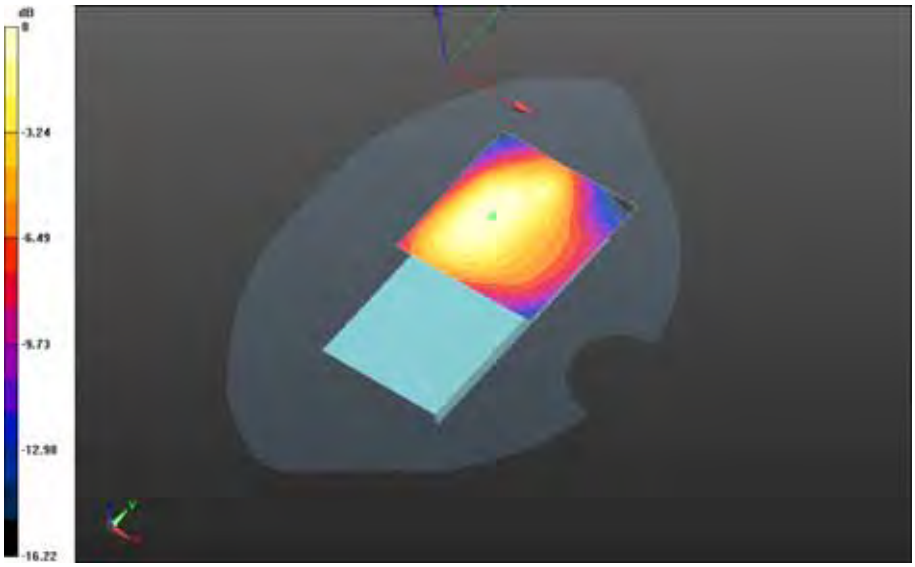
Body Worn MSL - LTE band 25/15mm Device Back - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.345 V/m; **Power Drift = -0.100 dB**

Fast SAR: SAR(1g) = 0.468 W/kg; SAR(10g) = 0.280 W/kg
Maximum value of SAR (interpolated) = 0.513 W/kg

0 dB = 0.513 W/kg = -2.90 dBW/kg

Body Worn MSL - LTE band 25/15mm Device Back - LTE band 25_chan26365_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.297 V/m; **Power Drift = -0.029 dB**

Fast SAR: SAR(1g) = 0.524 W/kg; SAR(10g) = 0.316 W/kg
Maximum value of SAR (interpolated) = 0.567 W/kg



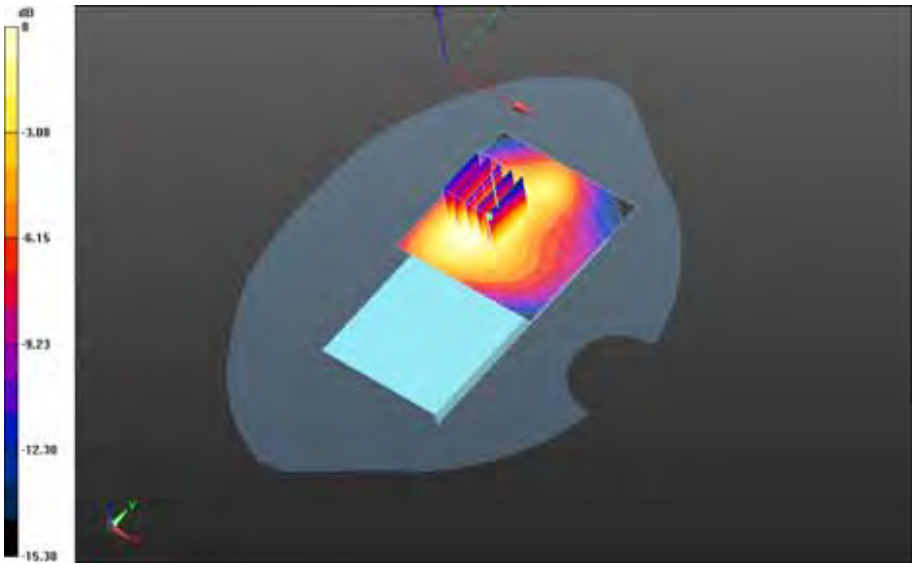
0 dB = 0.567 W/kg = -2.46 dBW/kg

Body Worn MSL - LTE band 25/15mm Device Back - LTE band 25_chan26590_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.588 V/m; **Power Drift = -0.021 dB**

Fast SAR: SAR(1g) = 0.532 W/kg; SAR(10g) = 0.317 W/kg
Maximum value of SAR (interpolated) = 0.578 W/kg

Body Worn MSL - LTE band 25/15mm Device Back - LTE band 25_chan26590_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.588 V/m; **Power Drift = -0.021 dB**

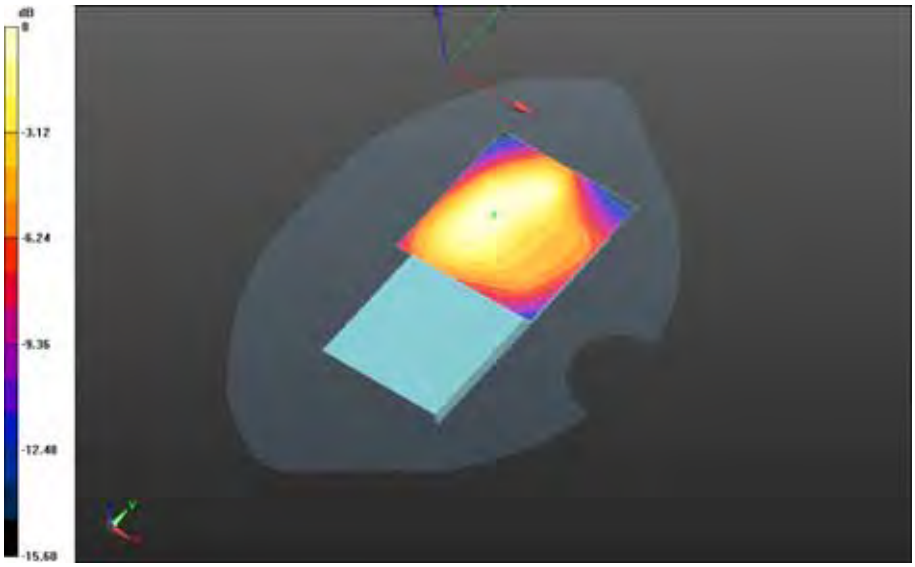
Averaged SAR: SAR(1g) = 0.521 W/kg; SAR(10g) = 0.340 W/kg
Maximum value of SAR (interpolated) = 0.692 W/kg



0 dB = 0.559 W/kg = -2.53 dBW/kg

Body Worn MSL - LTE band 25/15mm Device Back - LTE band 25_chan26140_20MHz_BW_RB50_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.143 V/m; **Power Drift = 0.013 dB**

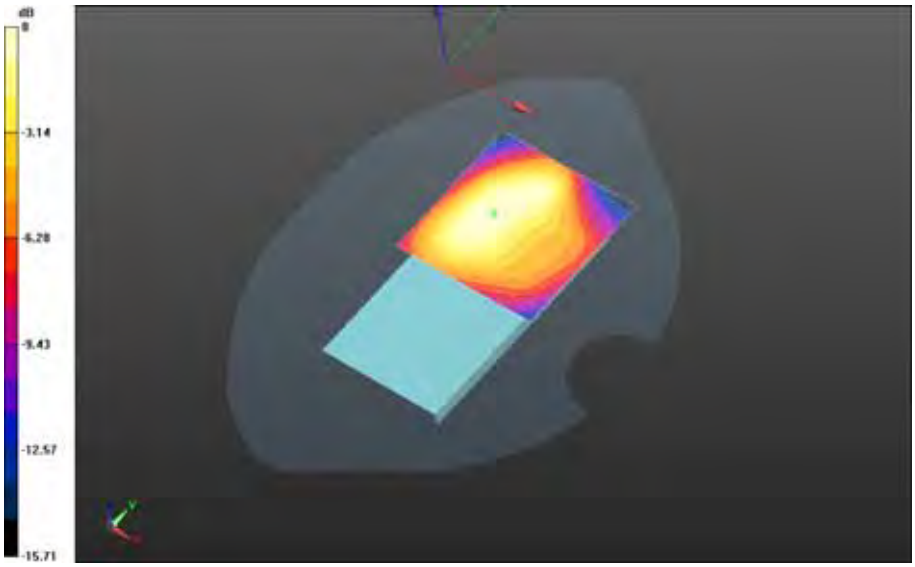
Fast SAR: SAR(1g) = 0.367 W/kg; SAR(10g) = 0.222 W/kg
Maximum value of SAR (interpolated) = 0.398 W/kg



0 dB = 0.398 W/kg = -4.00 dBW/kg

Body Worn MSL - LTE band 25/15mm Device Back - LTE band 25_chan26140_20MHz_BW_RB100_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.126 V/m; **Power Drift = -0.00361 dB**

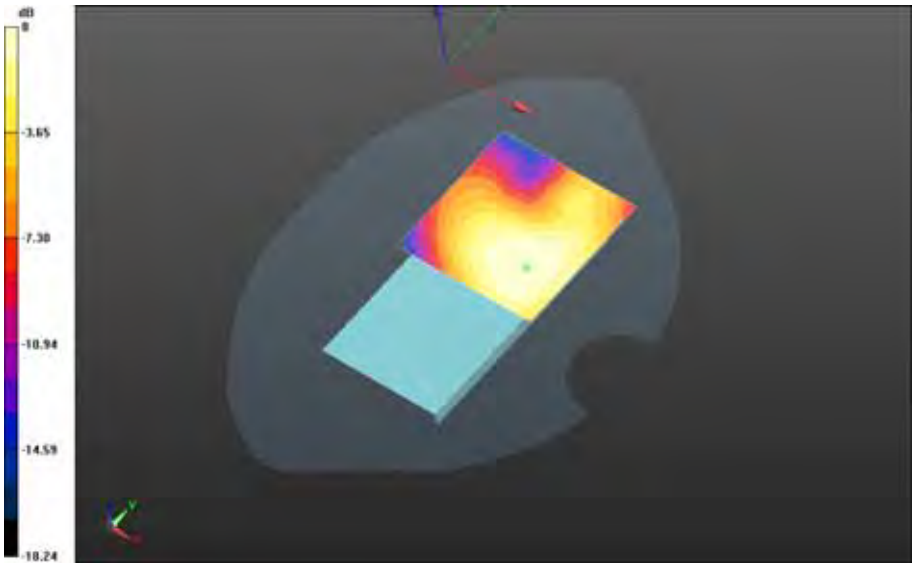
Fast SAR: SAR(1g) = 0.381 W/kg; SAR(10g) = 0.231 W/kg
Maximum value of SAR (interpolated) = 0.412 W/kg



0 dB = 0.412 W/kg = -3.85 dBW/kg

Body Worn MSL - LTE band 25/15mm Device Front - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.494 V/m; **Power Drift = 0.084 dB**

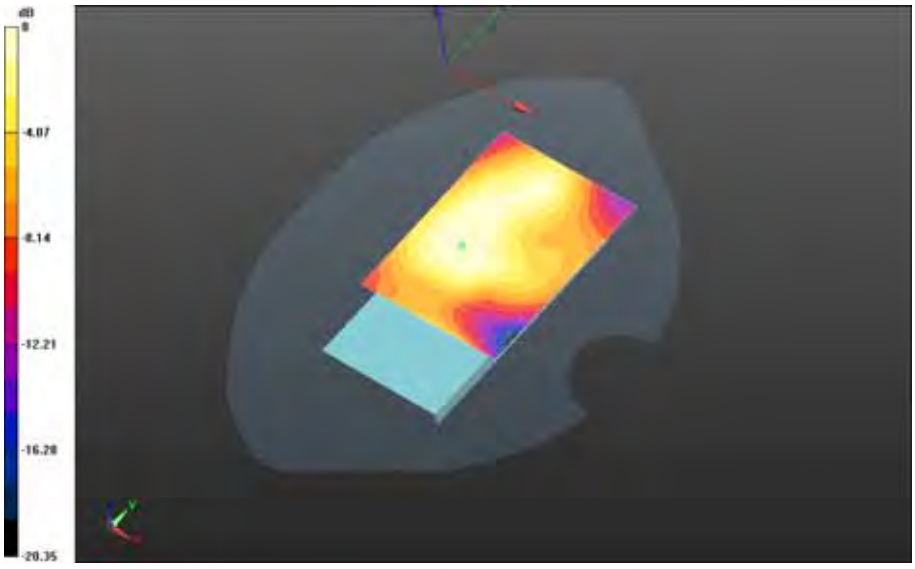
Fast SAR: SAR(1g) = 0.240 W/kg; SAR(10g) = 0.151 W/kg
Maximum value of SAR (interpolated) = 0.255 W/kg



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

Body Worn MSL - LTE band 25/Holster Device Back - LTE band 25_chan26140_20MHz_BW_RB1_Offset_Low_amb_temp_24.0_liq_temp_22.1C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.792 V/m; **Power Drift = -0.053 dB**

Fast SAR: SAR(1g) = 0.237 W/kg; SAR(10g) = 0.146 W/kg
Maximum value of SAR (interpolated) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

GSM 1900

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL - GSM_DTM 1900 - Slider Closed

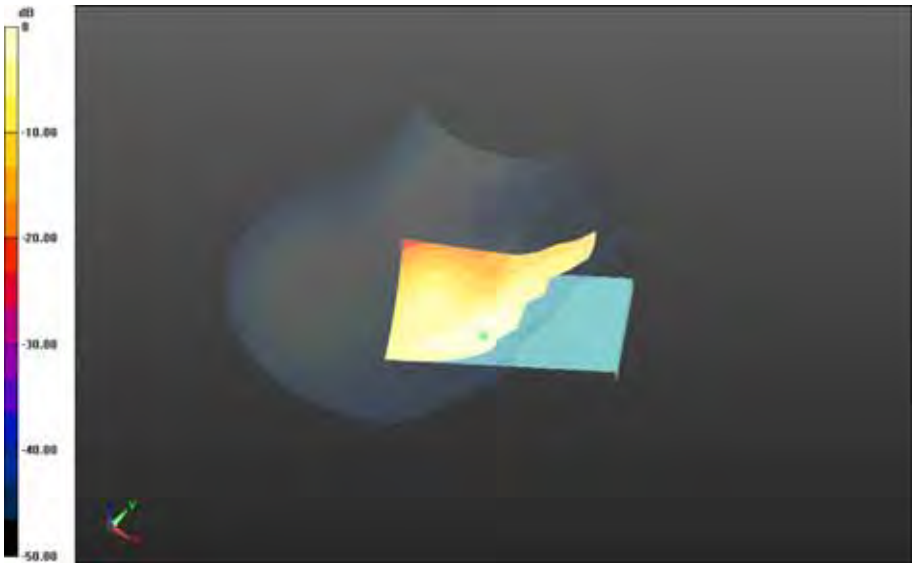
Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.372 S/m; ε_r = 38.544; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - GSM_DTM 1900 - Slider Closed/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.5C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.869 V/m; **Power Drift = -0.060 dB**

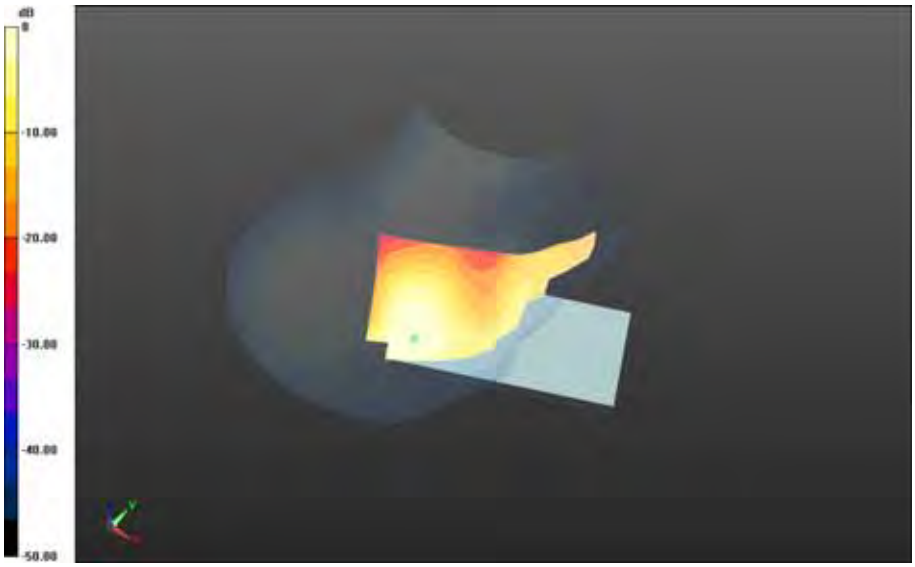
Fast SAR: SAR(1g) = 0.230 W/kg; SAR(10g) = 0.138 W/kg
Maximum value of SAR (interpolated) = 0.266 W/kg



0 dB = 0.266 W/kg = -5.75 dBW/kg

Right-Hand-Side HSL - GSM_DTM 1900 - Slider Closed/Tilt Position -DTM 1900_2-slots_chan661_amb_temp_23.6C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.874 V/m; **Power Drift = 0.000404 dB**

Fast SAR: SAR(1g) = 0.251 W/kg; SAR(10g) = 0.143 W/kg
Maximum value of SAR (interpolated) = 0.277 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - GSM_DTM 1900 - Slider Closed

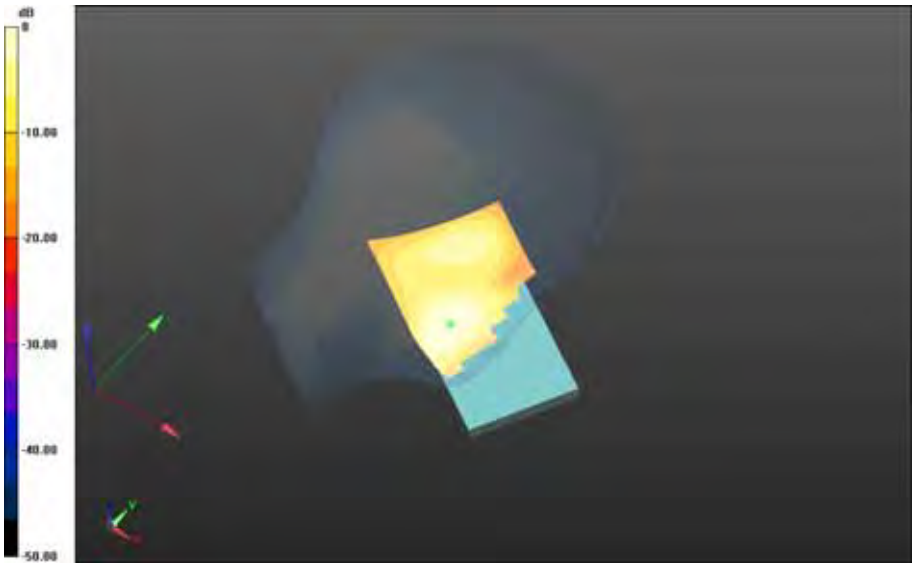
Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.372 S/m; ε_r = 38.544; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - GSM_DTM 1900 - Slider Closed/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.4C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.158 V/m; **Power Drift = -0.194 dB**

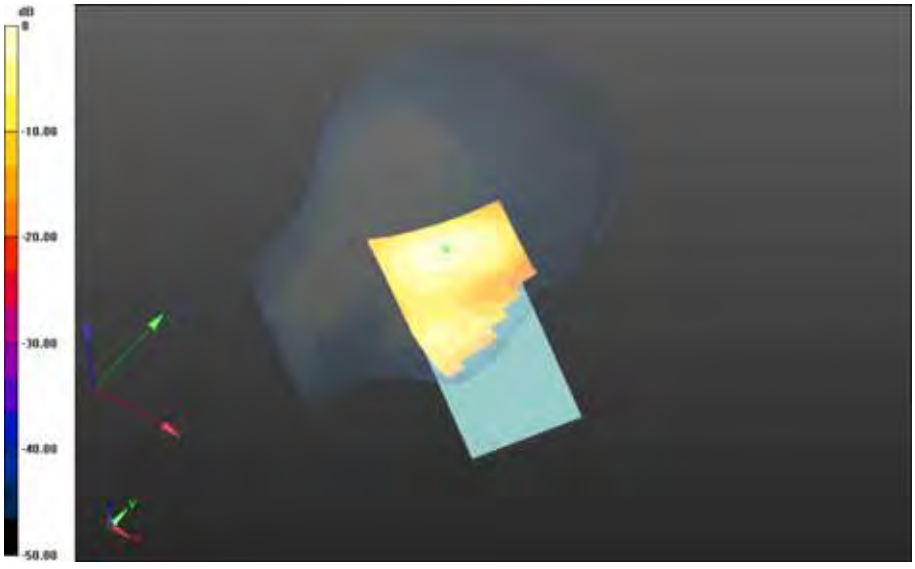
Fast SAR: SAR(1g) = 0.410 W/kg; SAR(10g) = 0.232 W/kg
Maximum value of SAR (interpolated) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900 - Slider Closed/Tilt Position - DTM 1900_2-slots_chan661_amb_temp_23.6C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.352 V/m; **Power Drift = -0.110 dB**

Fast SAR: SAR(1g) = 0.295 W/kg; SAR(10g) = 0.159 W/kg
Maximum value of SAR (interpolated) = 0.348 W/kg



0 dB = 0.348 W/kg = -4.58 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL - GSM_DTM 1900 - Slider Open

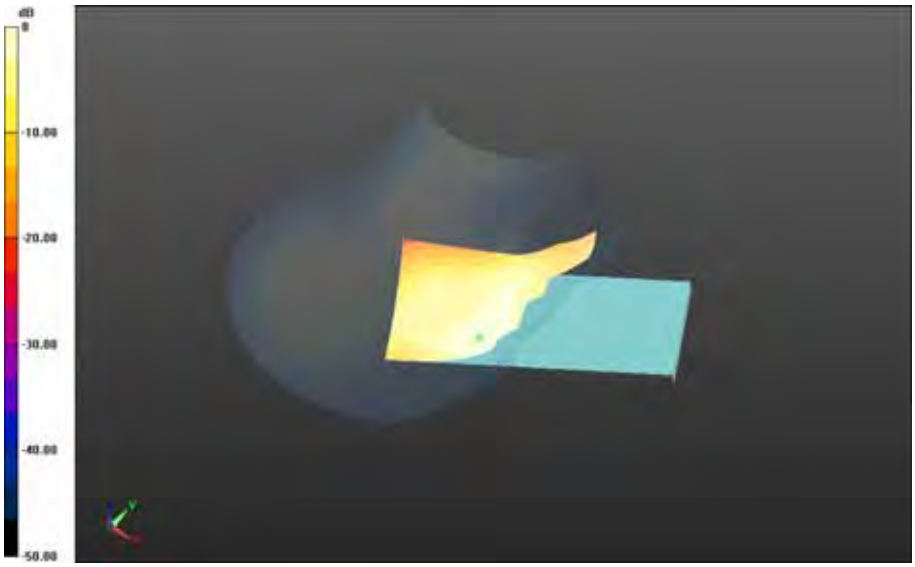
Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.372 S/m; ε_r = 38.544; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - GSM_DTM 1900 - Slider Open/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.7C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.706 V/m; **Power Drift = -0.048 dB**

Fast SAR: SAR(1g) = 0.239 W/kg; SAR(10g) = 0.142 W/kg
Maximum value of SAR (interpolated) = 0.267 W/kg



0 dB = 0.267 W/kg = -5.73 dBW/kg

Right-Hand-Side HSL - GSM_DTM 1900 - Slider Open/Tilt Position -DTM 1900_2-slots_chan661_amb_temp_23.6C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.013 V/m; **Power Drift = 0.00858 dB**

Fast SAR: SAR(1g) = 0.248 W/kg; SAR(10g) = 0.147 W/kg
Maximum value of SAR (interpolated) = 0.275 W/kg

0 dB = 0.275 W/kg = -5.61 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - GSM_DTM 1900 - Slider Open

Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900; Frequency: 1850.2 MHz
Medium Parameters used: f=1850.2 MHz; σ = 1.340 S/m; ε_r = 38.651; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

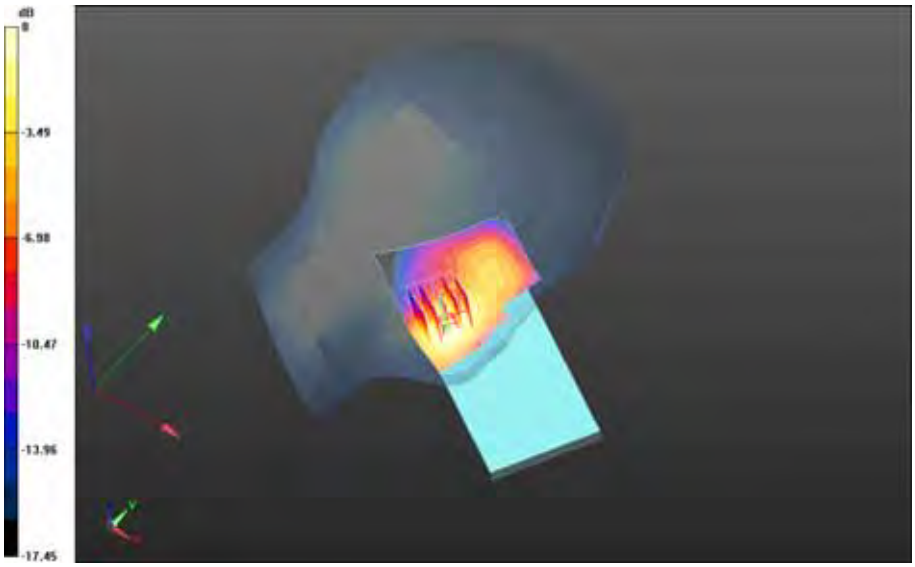
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - GSM_DTM 1900 - Slider Open/Touch Position -DTM 1900_2-slots_chan512_amb_temp_23.5C_liq_temp_21.4C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.261 V/m; **Power Drift = 0.087 dB**

Fast SAR: SAR(1g) = 0.474 W/kg; SAR(10g) = 0.279 W/kg
Maximum value of SAR (interpolated) = 0.515 W/kg

Left-Hand-Side HSL - GSM_DTM 1900 - Slider Open/Touch Position -DTM 1900_2-slots_chan512_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 = 6.261 V/m; **Power Drift = 0.087 dB**

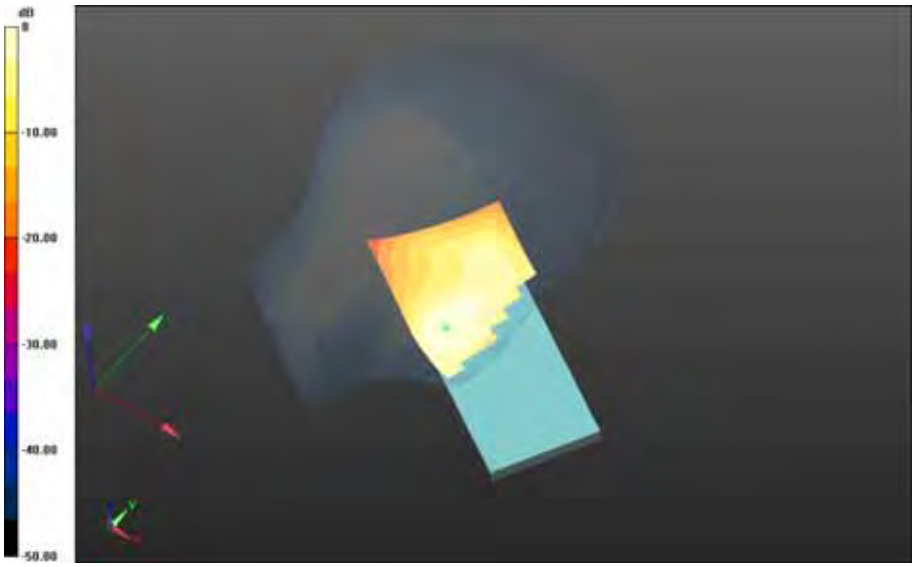
Averaged SAR: SAR(1g) = 0.483 W/kg; SAR(10g) = 0.306 W/kg
Maximum value of SAR (interpolated) = 0.665 W/kg



0 dB = 0.518 W/kg = -2.86 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900 - Slider Open/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.6C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.896 V/m; **Power Drift = -0.017 dB**

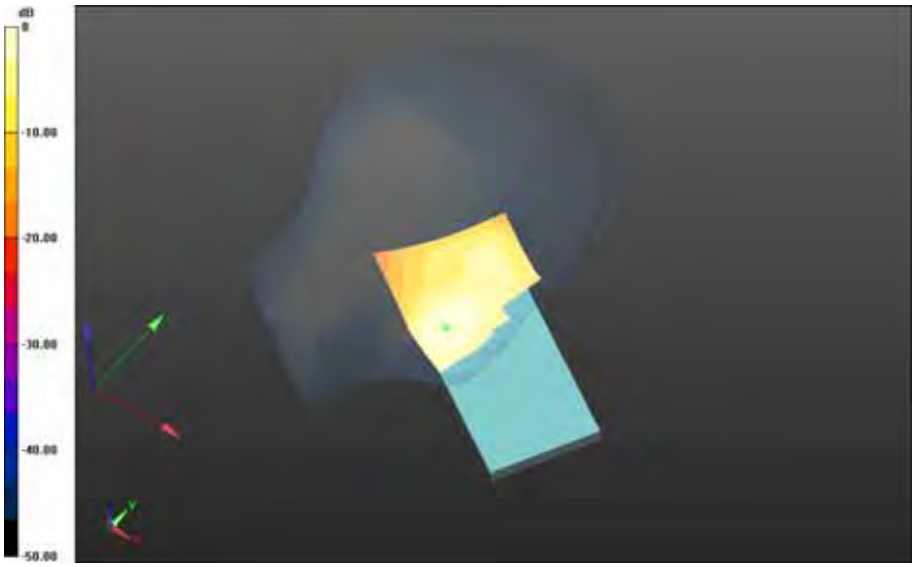
Fast SAR: SAR(1g) = 0.423 W/kg; SAR(10g) = 0.245 W/kg
Maximum value of SAR (interpolated) = 0.473 W/kg



0 dB = 0.473 W/kg = -3.25 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900 - Slider Open/Touch Position -DTM 1900_2-slots_chan810_amb_temp_23.5C_liq_temp_21.6C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.833 V/m; **Power Drift = -0.147 dB**

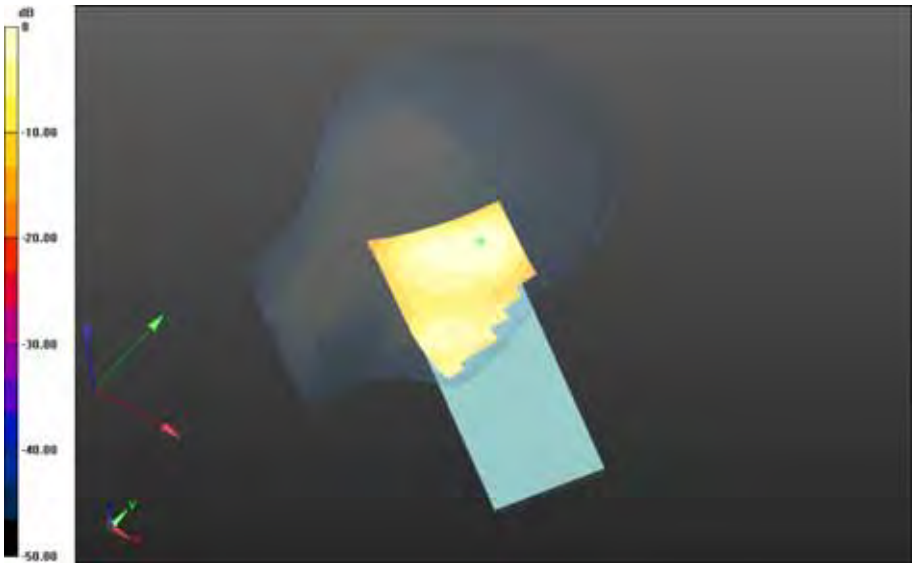
Fast SAR: SAR(1g) = 0.393 W/kg; SAR(10g) = 0.229 W/kg
Maximum value of SAR (interpolated) = 0.437 W/kg



0 dB = 0.437 W/kg = -3.60 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900 - Slider Open/Tilt Position - DTM 1900_2-slot_chan661_amb_temp_23.5C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.549 V/m; **Power Drift = -0.151 dB**

Fast SAR: SAR(1g) = 0.322 W/kg; SAR(10g) = 0.186 W/kg
Maximum value of SAR (interpolated) = 0.365 W/kg



0 dB = 0.365 W/kg = -4.38 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Mobile Hot Spot MSL - GPRS 1900 Slider Closed

Communication System: GPRS 1900 (4-slots) (0); Communication System Band: GPRS 1900 (4 slots); Frequency: 1850.2 MHz
Medium Parameters used: f=1850.2 MHz; σ = 1.497 S/m; ε_r = 51.710; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

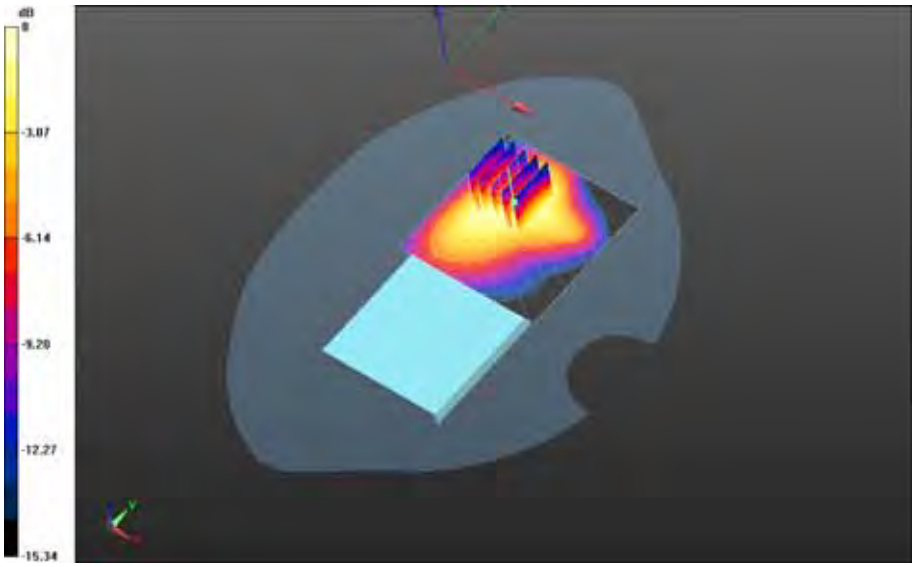
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - GPRS 1900 Slider Closed/10mm Device Back - GPRS1900_4-slot_chan512_amb_temp_23.8C_liq_temp_22.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.486 V/m; **Power Drift = -0.020 dB**

Fast SAR: SAR(1g) = 0.837 W/kg; SAR(10g) = 0.488 W/kg
Maximum value of SAR (interpolated) = 0.928 W/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Closed/10mm Device Back - GPRS1900_4-slot_chan512_amb_temp_23.8C_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 = 8.486 V/m; **Power Drift = -0.020 dB**

Averaged SAR: SAR(1g) = 0.840 W/kg; SAR(10g) = 0.530 W/kg
Maximum value of SAR (interpolated) = 1.12 W/kg



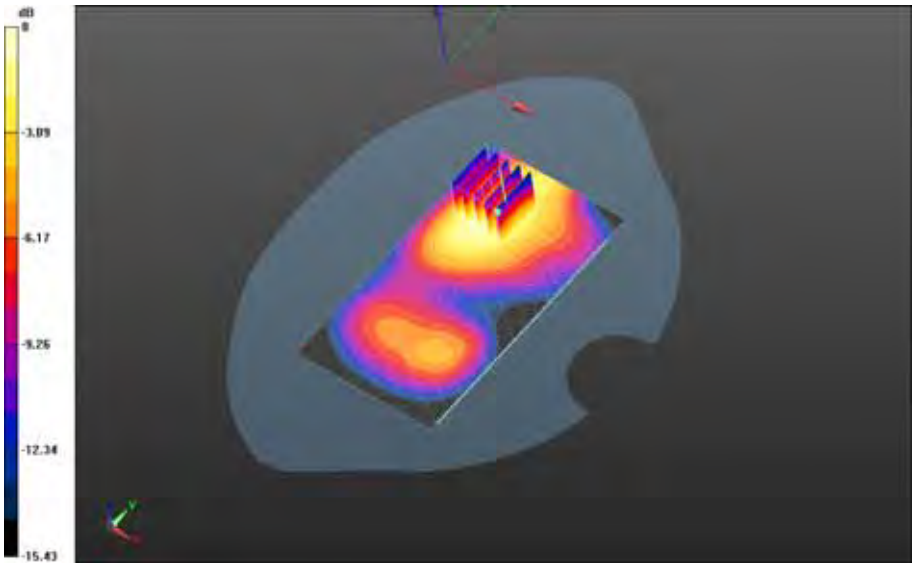
0 dB = 0.913 W/kg = -0.40 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Closed/10mm Device Back - GPRS1900_4-slot_chan661_amb_temp_23.9C_liq_temp_22.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.807 V/m; **Power Drift = -0.074 dB**

Fast SAR: SAR(1g) = 0.856 W/kg; SAR(10g) = 0.500 W/kg
Maximum value of SAR (interpolated) = 0.946 W/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Closed/10mm Device Back - GPRS1900_4-slot_chan661_amb_temp_23.9C_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 = 9.807 V/m; **Power Drift = -0.074 dB**

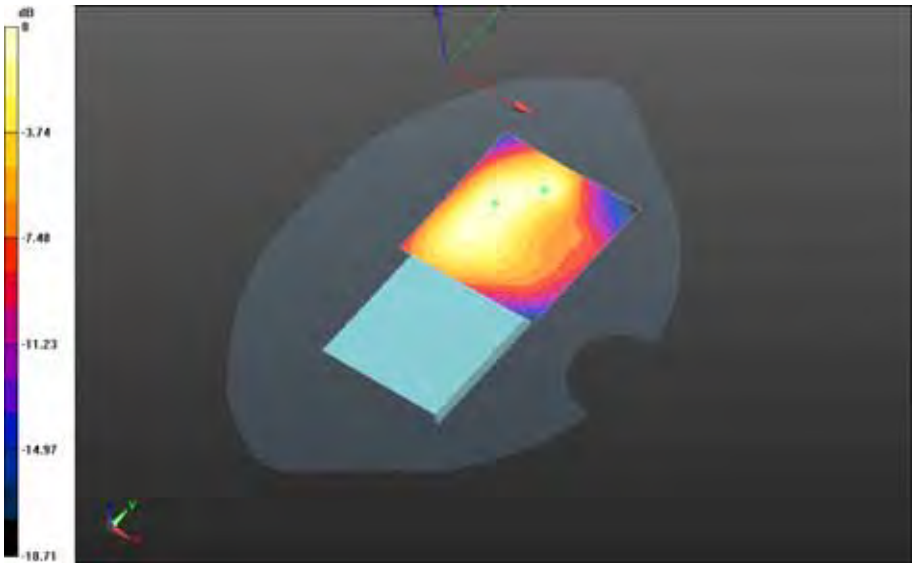
Averaged SAR: SAR(1g) = 0.864 W/kg; SAR(10g) = 0.552 W/kg
Maximum value of SAR (interpolated) = 1.13 W/kg



0 dB = 0.938 W/kg = -0.28 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Closed/10mm Device Back - GPRS1900_4-slot_chan810_amb_temp_23.8C_liq_temp_22.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.649 V/m; **Power Drift = -0.109 dB**

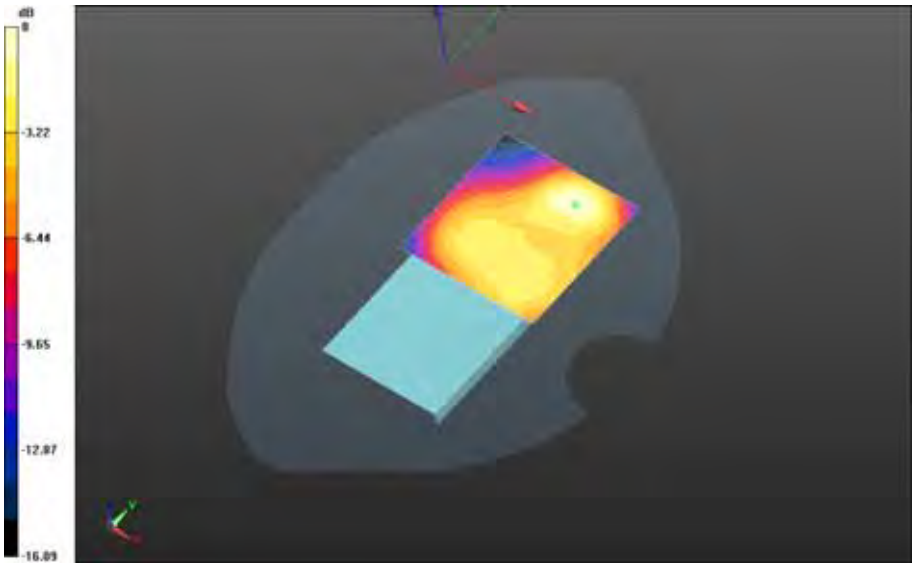
Fast SAR: SAR(1g) = 0.643 W/kg; SAR(10g) = 0.386 W/kg; Secondary SAR(1g) = 0.518 W/kg
Maximum value of SAR (interpolated) = 0.702 W/kg



0 dB = 0.702 W/kg = -1.54 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Closed/10mm Device Front- GPRS1900_4-slot_chan661_amb_temp_23.8C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.772 V/m; **Power Drift = 0.045 dB**

Fast SAR: SAR(1g) = 0.306 W/kg; SAR(10g) = 0.166 W/kg
Maximum value of SAR (interpolated) = 0.353 W/kg



0 dB = 0.353 W/kg = -4.52 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Mobile Hot Spot MSL - GPRS 1900 Slider Open

Communication System: GPRS 1900 (4-slots) (0); Communication System Band: GPRS 1900 (4 slots); Frequency: 1850.2 MHz
Medium Parameters used: f=1850.2 MHz; σ = 1.497 S/m; ε_r = 51.710; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

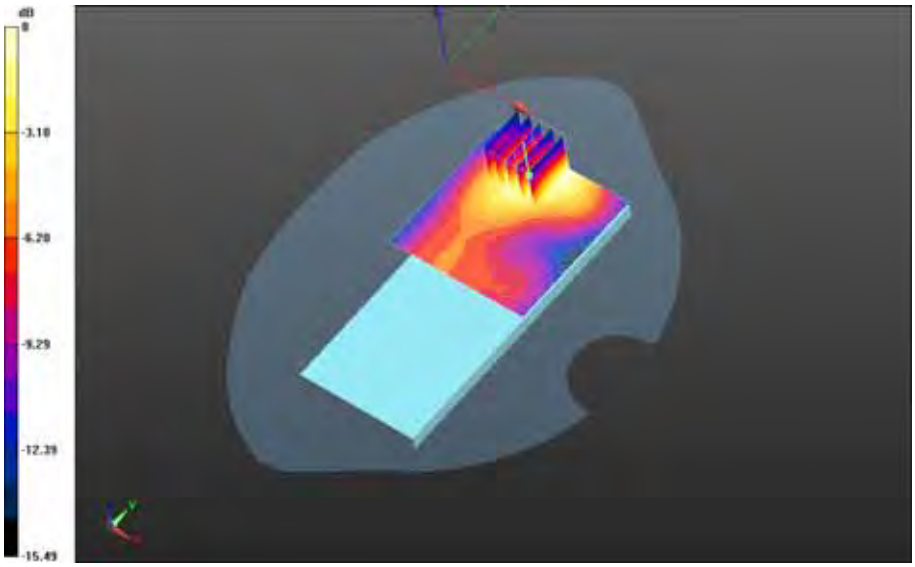
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Back - GPRS1900_4-slot_chan512_amb_temp_23.9C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.529 V/m; **Power Drift = 0.029 dB**

Fast SAR: SAR(1g) = 0.970 W/kg; SAR(10g) = 0.573 W/kg
Maximum value of SAR (interpolated) = 1.08 W/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Back - GPRS1900_4-slot_chan512_amb_temp_23.9C_liq_temp_22.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 13.529 V/m; **Power Drift = 0.029 dB**

Averaged SAR: SAR(1g) = 0.956 W/kg; SAR(10g) = 0.605 W/kg
Maximum value of SAR (interpolated) = 1.39 W/kg



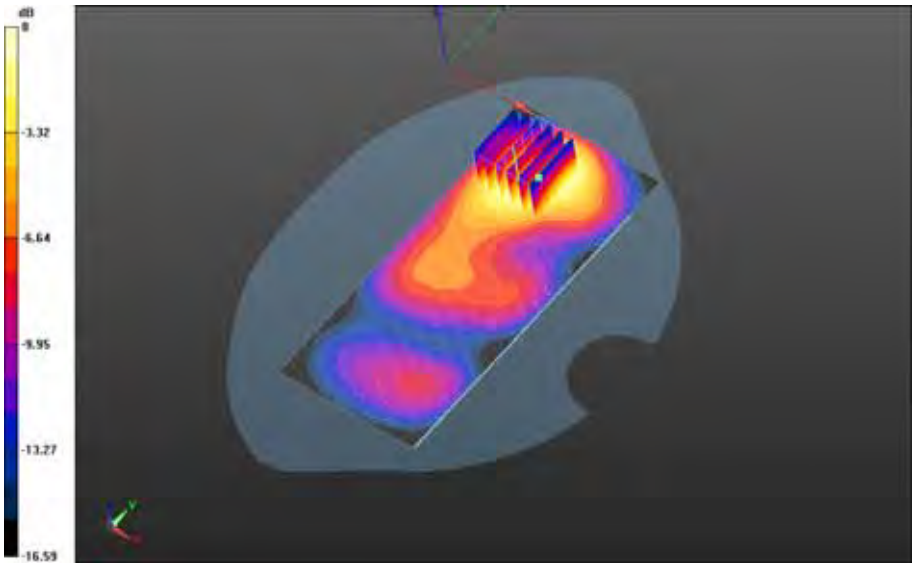
0 dB = 1.06 W/kg = 0.25 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Back - GPRS1900_4-slot_chan661_amb_temp_23.9C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.883 V/m; **Power Drift = 0.050 dB**

Fast SAR: SAR(1g) = 0.891 W/kg; SAR(10g) = 0.524 W/kg
Maximum value of SAR (interpolated) = 0.975 W/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Back - GPRS1900_4-slot_chan661_amb_temp_23.9C_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 = 12.883 V/m; **Power Drift = 0.050 dB**

Averaged SAR: SAR(1g) = 0.908 W/kg; SAR(10g) = 0.564 W/kg
Maximum value of SAR (interpolated) = 1.21 W/kg



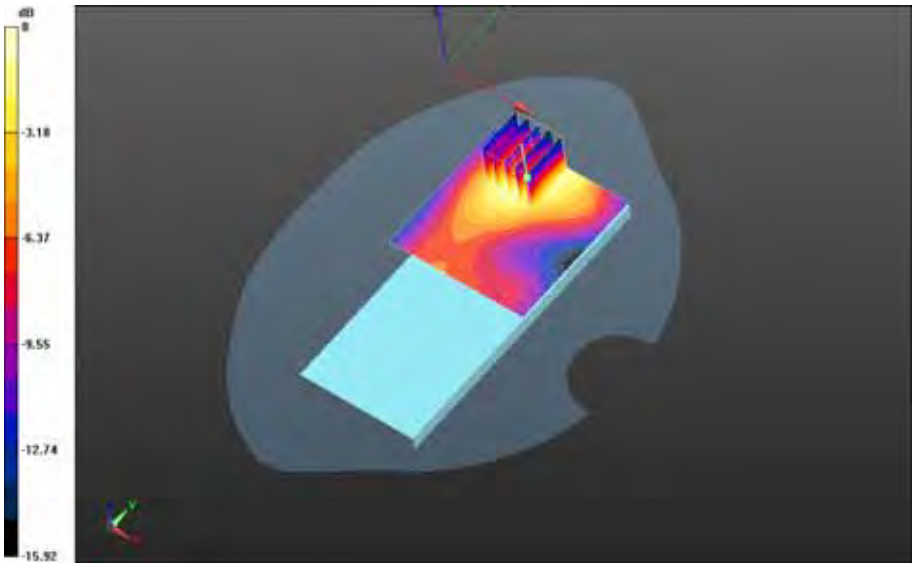
0 dB = 0.951 W/kg = -0.22 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Back - GPRS1900_4-slot_chan810_amb_temp_23.8C_liq_temp_22.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.455 V/m; **Power Drift = -0.00188 dB**

Fast SAR: SAR(1g) = 0.752 W/kg; SAR(10g) = 0.430 W/kg
Maximum value of SAR (interpolated) = 0.849 W/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Back - GPRS1900_4-slot_chan810_amb_temp_23.8C_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 = 11.455 V/m; **Power Drift = -0.00188 dB**

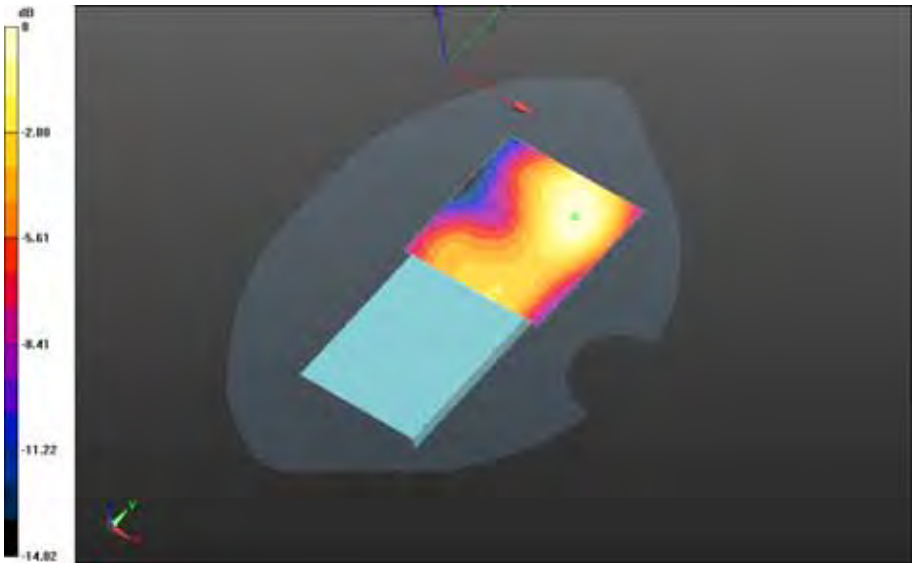
Averaged SAR: SAR(1g) = 0.750 W/kg; SAR(10g) = 0.464 W/kg
Maximum value of SAR (interpolated) = 1.02 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Front- GPRS1900_4-slot_chan661_amb_temp_23.2C_liq_temp_21.8C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.393 V/m; **Power Drift = -0.010 dB**

Fast SAR: SAR(1g) = 0.533 W/kg; SAR(10g) = 0.322 W/kg
Maximum value of SAR (interpolated) = 0.575 W/kg



0 dB = 0.575 W/kg = -2.40 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Right - GPRS1900_4-slot_chan661_amb_temp_23.8C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.552 V/m; **Power Drift = -0.235 dB**

Fast SAR: SAR(1g) = 0.120 W/kg; SAR(10g) = 0.0690 W/kg
Maximum value of SAR (interpolated) = 0.149 W/kg

0 dB = 0.149 W/kg = -8.27 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/10mm Device Bottom - GPRS1900_4-slot_chan661_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.409 V/m; **Power Drift = -0.035 dB**

Fast SAR: SAR(1g) = 0.186 W/kg; SAR(10g) = 0.109 W/kg
Maximum value of SAR (interpolated) = 0.206 W/kg

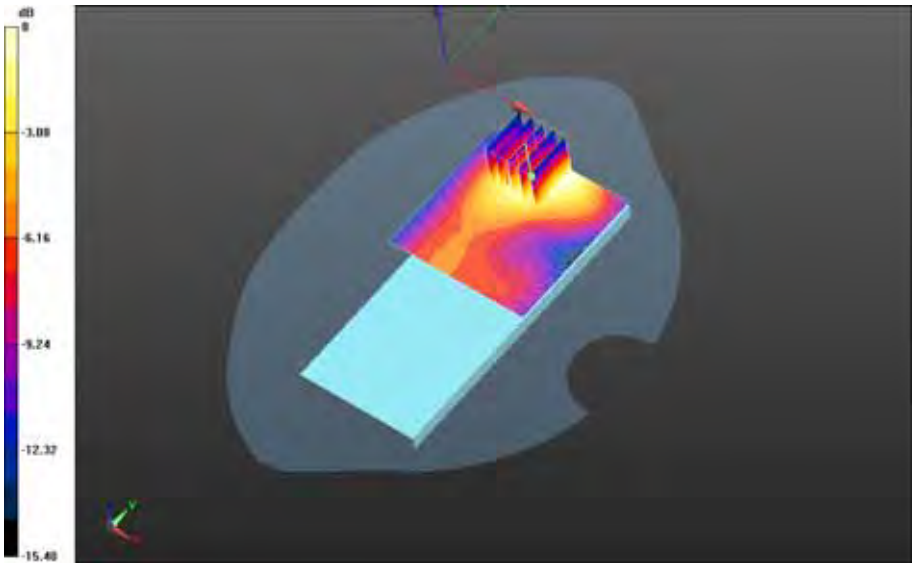
0 dB = 0.206 W/kg = -6.86 dBW/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/2nd Scan 10mm Device Back - GPRS1900_4-slot_chan512_amb_temp_23.3C_liq_temp_22.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.705 V/m; **Power Drift = 0.062 dB**

Fast SAR: SAR(1g) = 0.975 W/kg; SAR(10g) = 0.585 W/kg
Maximum value of SAR (interpolated) = 1.07 W/kg

Mobile Hot Spot MSL - GPRS 1900 Slider Open/2nd Scan 10mm Device Back - GPRS1900_4-slot_chan512_amb_temp_23.3C_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 = 13.705 V/m; **Power Drift = 0.062 dB**

Averaged SAR: SAR(1g) = 0.969 W/kg; SAR(10g) = 0.611 W/kg
Maximum value of SAR (interpolated) = 1.41 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Date: 7/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Body Worn MSL - GPRS 1900

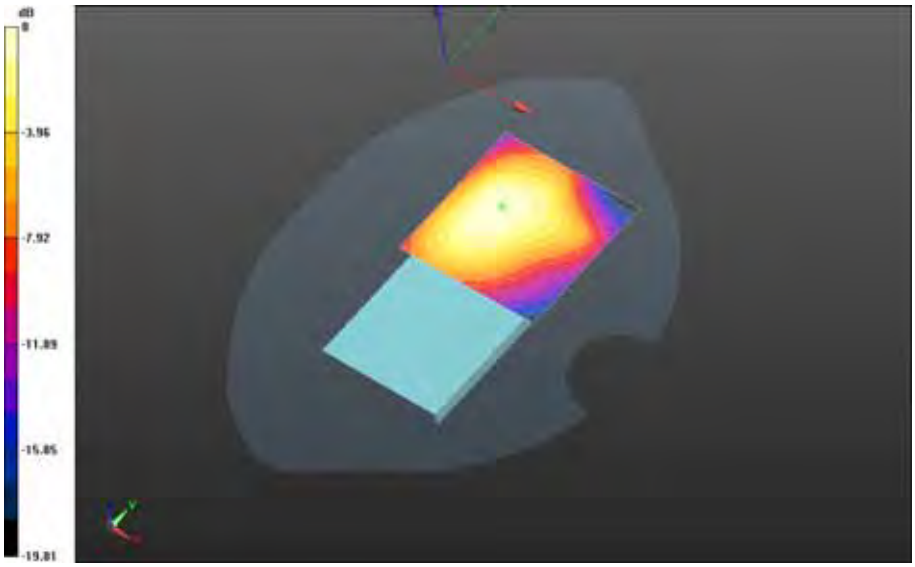
Communication System: GPRS 1900 (4-slots) (0); Communication System Band: GPRS 1900 (4 slots); Frequency: 1850.2 MHz
Medium Parameters used: f=1850.2 MHz; σ = 1.497 S/m; ε_r = 51.710; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - GPRS 1900/15mm Device Back -GPRS 1900_4-slot_chan512_amb_temp_23.8C_liq_temp_22.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.518 V/m; **Power Drift = -0.101 dB**

Fast SAR: SAR(1g) = 0.437 W/kg; SAR(10g) = 0.265 W/kg
Maximum value of SAR (interpolated) = 0.470 W/kg



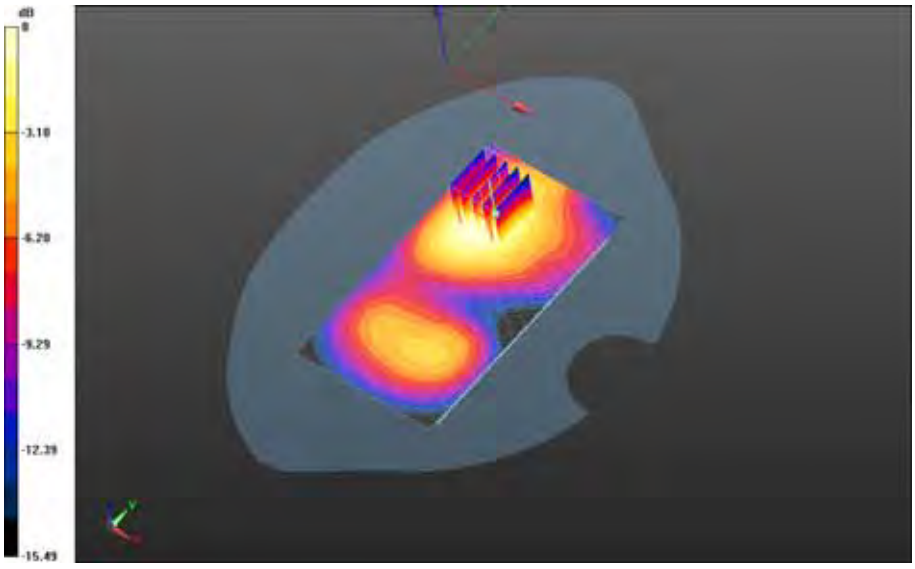
0 dB = 0.470 W/kg = -3.28 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Back -GPRS 1900_4-slot_chan661_amb_temp_23.8C_liq_temp_22.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.614 V/m; **Power Drift = -0.142 dB**

Fast SAR: SAR(1g) = 0.557 W/kg; SAR(10g) = 0.333 W/kg
Maximum value of SAR (interpolated) = 0.612 W/kg

Body Worn MSL - GPRS 1900/15mm Device Back -GPRS 1900_4-slot_chan661_amb_temp_23.8C_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 = 8.614 V/m; **Power Drift = -0.142 dB**

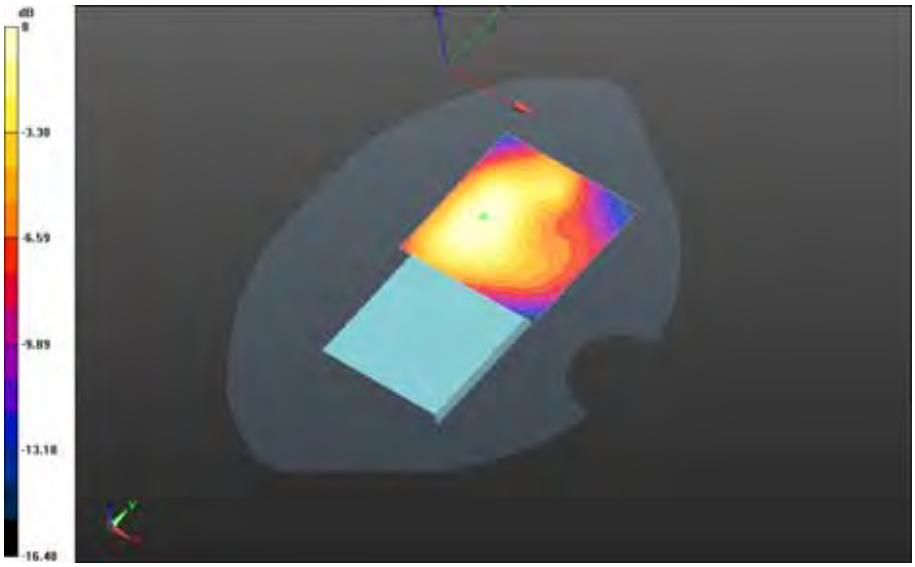
Averaged SAR: SAR(1g) = 0.539 W/kg; SAR(10g) = 0.355 W/kg
Maximum value of SAR (interpolated) = 0.718 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Back -GPRS 1900_4-slot_chan810_amb_temp_23.9C_liq_temp_22.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.291 V/m; **Power Drift = -0.026 dB**

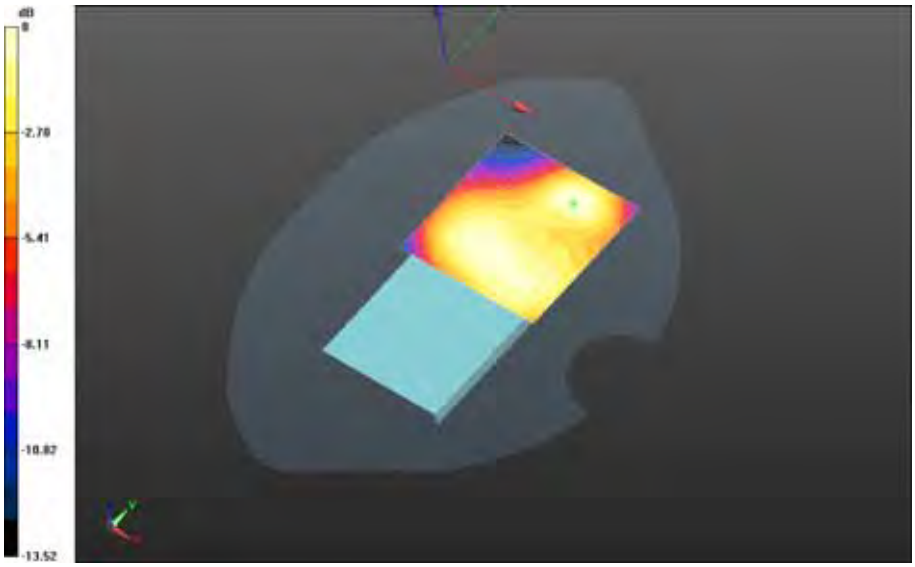
Fast SAR: SAR(1g) = 0.394 W/kg; SAR(10g) = 0.237 W/kg
Maximum value of SAR (interpolated) = 0.425 W/kg



0 dB = 0.425 W/kg = -3.72 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Front -GPRS 1900_4-slot_chan661_amb_temp_23.9C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.257 V/m; **Power Drift = -0.191 dB**

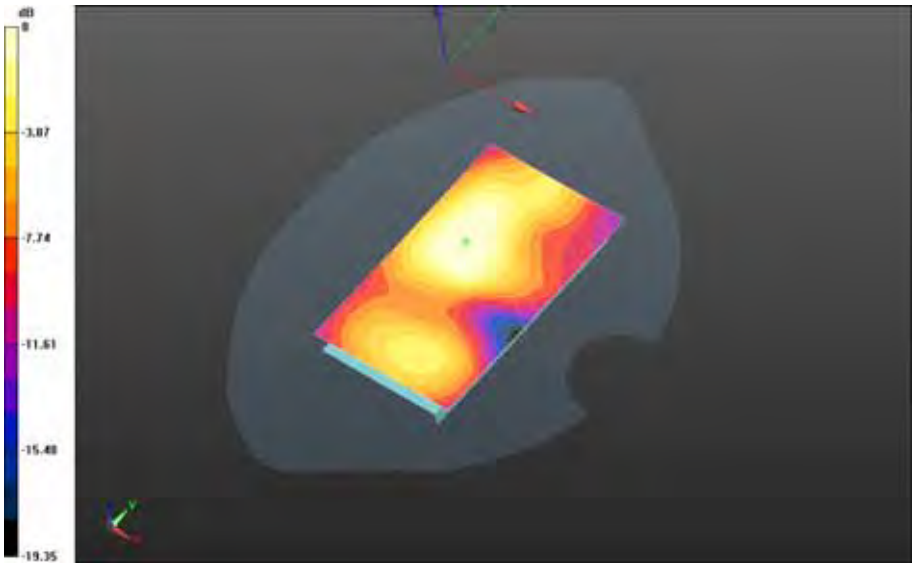
Fast SAR: SAR(1g) = 0.133 W/kg; SAR(10g) = 0.0805 W/kg
Maximum value of SAR (interpolated) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

Body Worn MSL - GPRS 1900/Holster Device Back -GPRS 1900_4-slot_chan661_amb_temp_23.2C_liq_temp_21.9C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.098 V/m; **Power Drift = -0.035 dB**

Fast SAR: SAR(1g) = 0.230 W/kg; SAR(10g) = 0.142 W/kg
Maximum value of SAR (interpolated) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

UMTS Band II

Date: 7/22/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL - UMTS II - Slider Closed

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.372 S/m; ε_r = 38.544; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - UMTS II - Slider Closed/Touch Position - -UMTS II_chan9400_amb_temp_23.8C_liq_temp_23.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.021 V/m; **Power Drift = 0.00442 dB**

Fast SAR: SAR(1g) = 0.344 W/kg; SAR(10g) = 0.206 W/kg
Maximum value of SAR (interpolated) = 0.390 W/kg

0 dB = 0.390 W/kg = -4.09 dBW/kg

Right-Hand-Side HSL - UMTS II - Slider Closed/Tilt Position - -UMTS II_chan9400_amb_temp_23.8C_liq_temp_23.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.979 V/m; **Power Drift = -0.053 dB**

Fast SAR: SAR(1g) = 0.345 W/kg; SAR(10g) = 0.199 W/kg
Maximum value of SAR (interpolated) = 0.382 W/kg

0 dB = 0.382 W/kg = -4.18 dBW/kg

Date: 7/22/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - UMTS II - Slider Closed

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II; Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.342 S/m; ε_r = 38.640; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

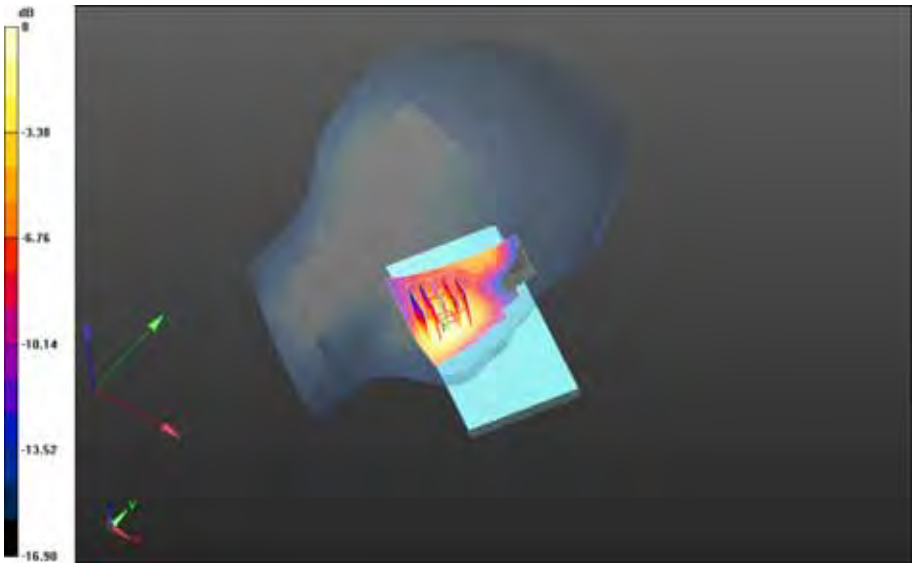
- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - UMTS II - Slider Closed/Touch Position - UMTS II_chan9262_amb_temp_23.5C_liq_temp_23.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.520 V/m; **Power Drift = 0.013 dB**

Fast SAR: SAR(1g) = 0.645 W/kg; SAR(10g) = 0.362 W/kg
Maximum value of SAR (interpolated) = 0.721 W/kg

Left-Hand-Side HSL - UMTS II - Slider Closed/Touch Position - UMTS II_chan9262_amb_temp_23.5C_liq_temp_23.0C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 13.520 V/m; **Power Drift = 0.013 dB**

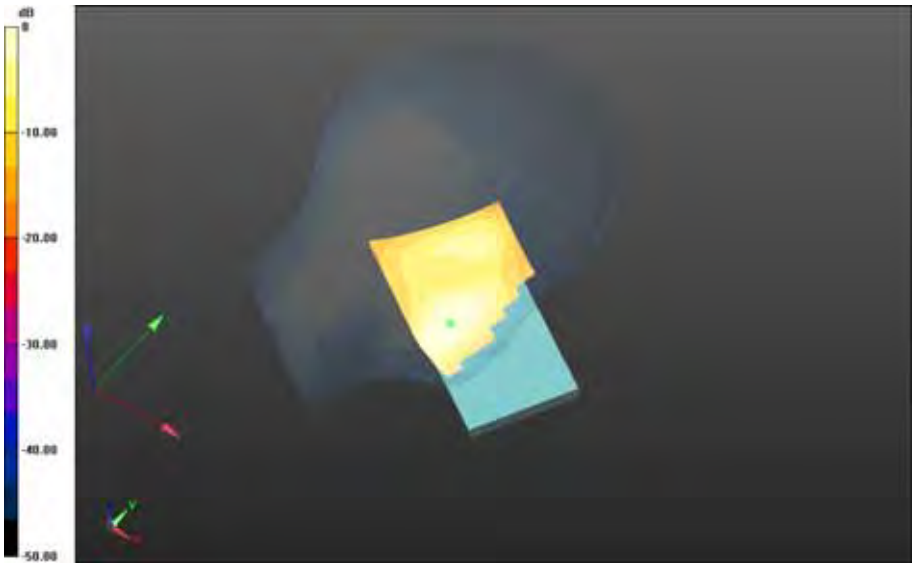
Averaged SAR: SAR(1g) = 0.640 W/kg; SAR(10g) = 0.398 W/kg
Maximum value of SAR (interpolated) = 0.888 W/kg



0 dB = 0.688 W/kg = -1.62 dBW/kg

Left-Hand-Side HSL - UMTS II - Slider Closed/Touch Position - UMTS II_chan9400_amb_temp_23.6C_liq_temp_23.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.804 V/m; **Power Drift = 0.021 dB**

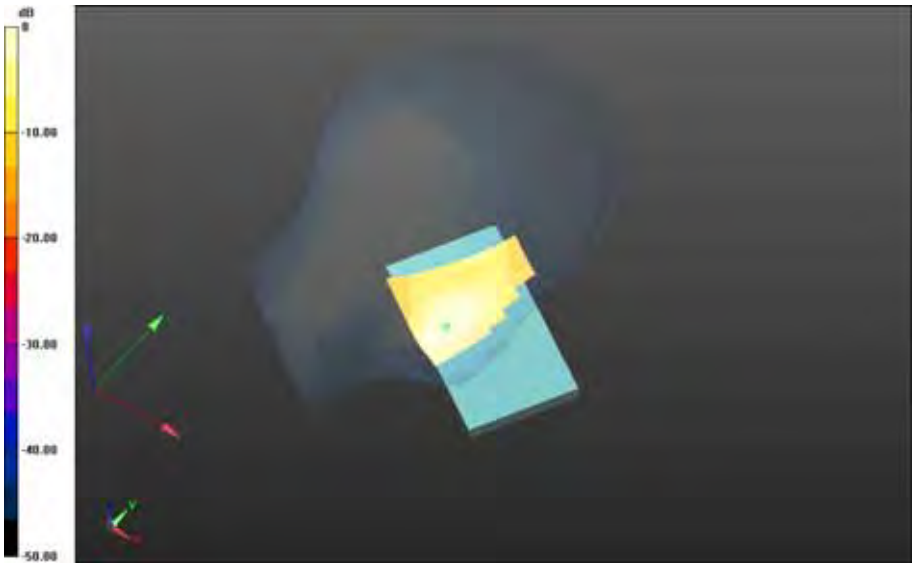
Fast SAR: SAR(1g) = 0.593 W/kg; SAR(10g) = 0.337 W/kg
Maximum value of SAR (interpolated) = 0.660 W/kg



0 dB = 0.660 W/kg = -1.80 dBW/kg

Left-Hand-Side HSL - UMTS II - Slider Closed/Touch Position - UMTS II_chan9538_amb_temp_23.6C_liq_temp_23.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.204 V/m; **Power Drift = -0.066 dB**

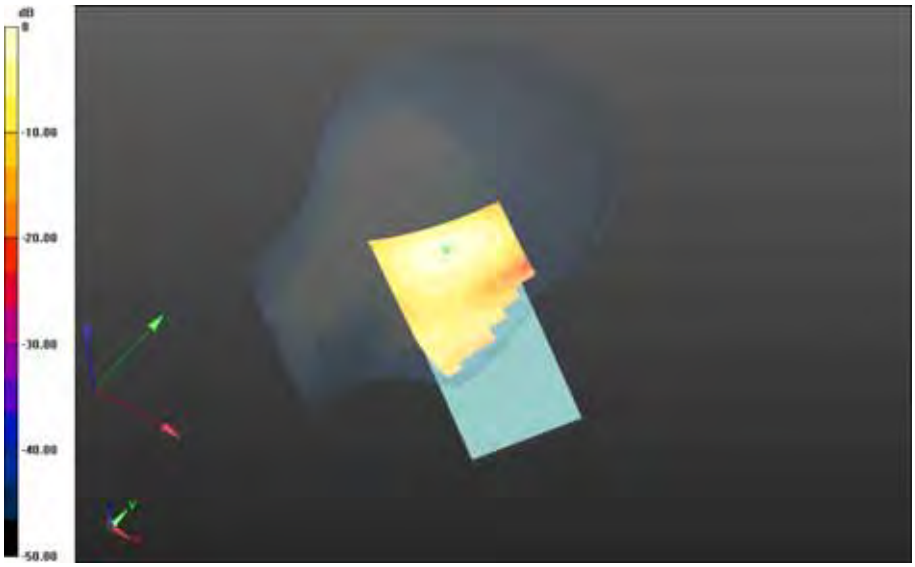
Fast SAR: SAR(1g) = 0.565 W/kg; SAR(10g) = 0.320 W/kg
Maximum value of SAR (interpolated) = 0.645 W/kg



0 dB = 0.645 W/kg = -1.90 dBW/kg

Left-Hand-Side HSL - UMTS II - Slider Closed/Tilt Position - UMTS II_chan9400_amb_temp_23.6C_liq_temp_23.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.845 V/m; **Power Drift = -0.044 dB**

Fast SAR: SAR(1g) = 0.358 W/kg; SAR(10g) = 0.195 W/kg
Maximum value of SAR (interpolated) = 0.419 W/kg



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

Date: 7/22/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Right-Hand-Side HSL - UMTS II - Slider Open

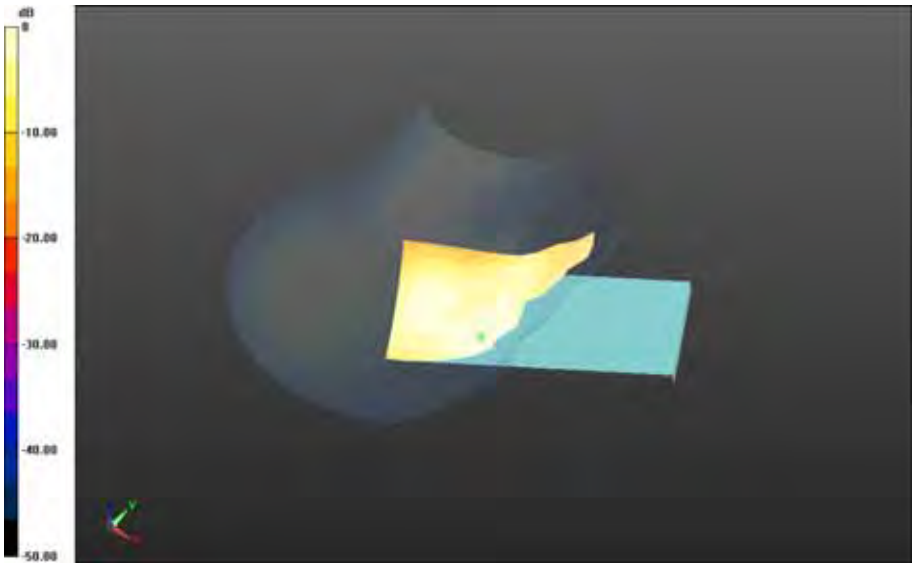
Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.372 S/m; ε_r = 38.544; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - UMTS II - Slider Open/Touch Position -UMTS II_chan9400_amb_temp_23.4C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.611 V/m; **Power Drift = -0.175 dB**

Fast SAR: SAR(1g) = 0.333 W/kg; SAR(10g) = 0.199 W/kg
Maximum value of SAR (interpolated) = 0.371 W/kg



0 dB = 0.371 W/kg = -4.31 dBW/kg

Right-Hand-Side HSL - UMTS II - Slider Open/Tilt Position -UMTS II_chan9400_amb_temp_23.4C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.798 V/m; **Power Drift = 0.00754 dB**

Fast SAR: SAR(1g) = 0.389 W/kg; SAR(10g) = 0.233 W/kg
Maximum value of SAR (interpolated) = 0.430 W/kg

0 dB = 0.430 W/kg = -3.67 dBW/kg

Date: 7/22/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Left-Hand-Side HSL - UMTS II - Slider Open

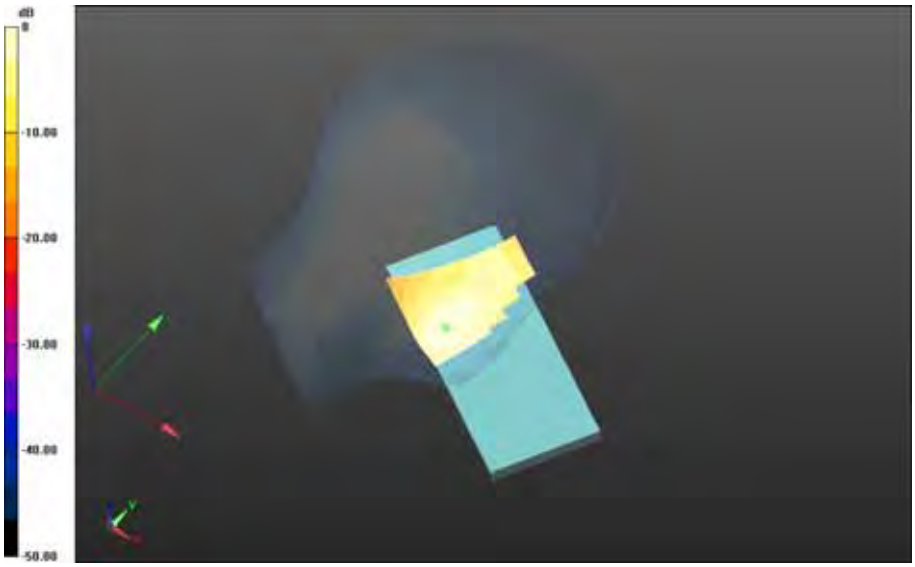
Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.342 S/m; ε_r = 38.640; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - UMTS II - Slider Open/Touch Position - UMTS II_chan9262_amb_temp_23.4C_liq_temp_22.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.116 V/m; **Power Drift = -0.048 dB**

Fast SAR: SAR(1g) = 0.719 W/kg; SAR(10g) = 0.411 W/kg
Maximum value of SAR (interpolated) = 0.803 W/kg



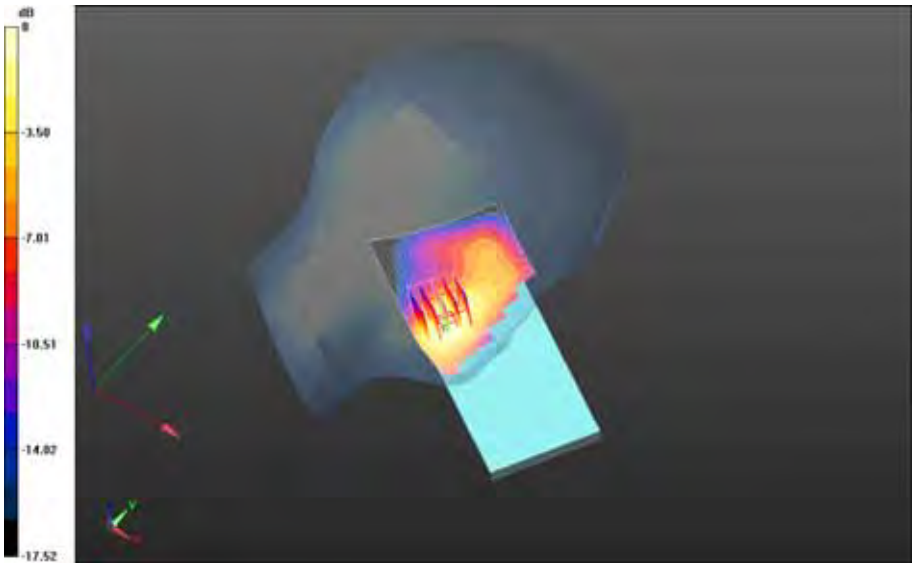
0 dB = 0.803 W/kg = -0.95 dBW/kg

Left-Hand-Side HSL - UMTS II - Slider Open/Touch Position -UMTS II_chan9400_amb_temp_23.4C_liq_temp_22.9C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.052 V/m; **Power Drift = 0.00162 dB**

Fast SAR: SAR(1g) = 0.735 W/kg; SAR(10g) = 0.421 W/kg
Maximum value of SAR (interpolated) = 0.823 W/kg

Left-Hand-Side HSL - UMTS II - Slider Open/Touch Position -UMTS II_chan9400_amb_temp_23.4C_liq_temp_22.9C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.052 V/m; **Power Drift = 0.00162 dB**

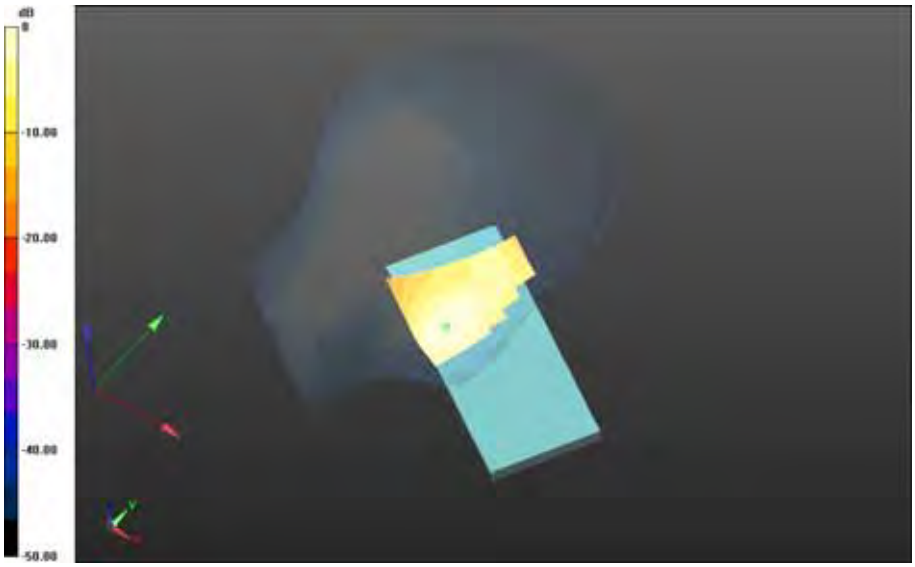
Averaged SAR: SAR(1g) = 0.734 W/kg; SAR(10g) = 0.465 W/kg
Maximum value of SAR (interpolated) = 1.04 W/kg



0 dB = 0.797 W/kg = -0.99 dBW/kg

Left-Hand-Side HSL - UMTS II - Slider Open/Touch Position - UMTS II_chan9538_amb_temp_23.3C_liq_temp_22.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.749 V/m; **Power Drift = 0.052 dB**

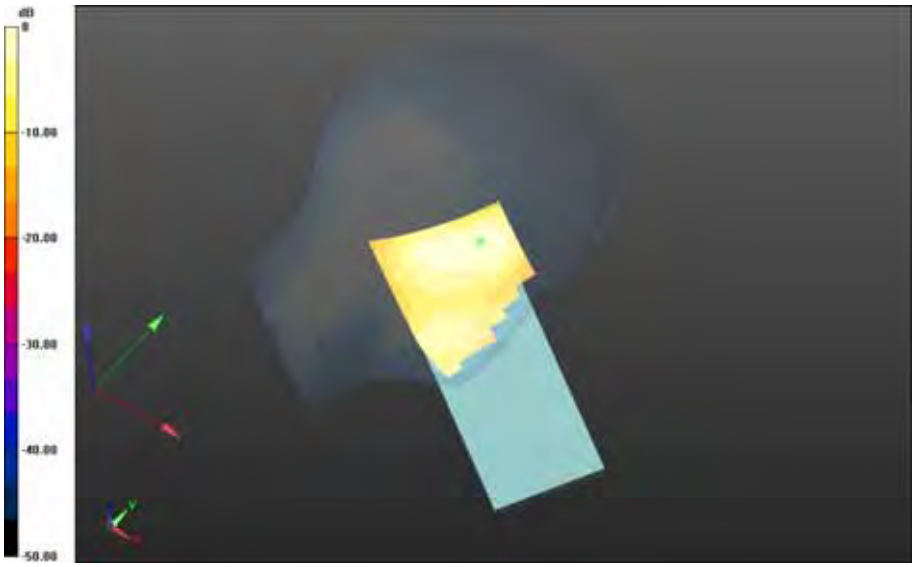
Fast SAR: SAR(1g) = 0.667 W/kg; SAR(10g) = 0.381 W/kg
Maximum value of SAR (interpolated) = 0.757 W/kg



0 dB = 0.757 W/kg = -1.21 dBW/kg

Left-Hand-Side HSL - UMTS II - Slider Open/Tilt Position - UMTS II_chan9400_amb_temp_23.4C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.298 V/m; **Power Drift = -0.138 dB**

Fast SAR: SAR(1g) = 0.504 W/kg; SAR(10g) = 0.291 W/kg
Maximum value of SAR (interpolated) = 0.561 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

Date: 9/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Mobile Hot Spot MSL - UMTS II - Slider Closed

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.503 S/m; ε_r = 51.512; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

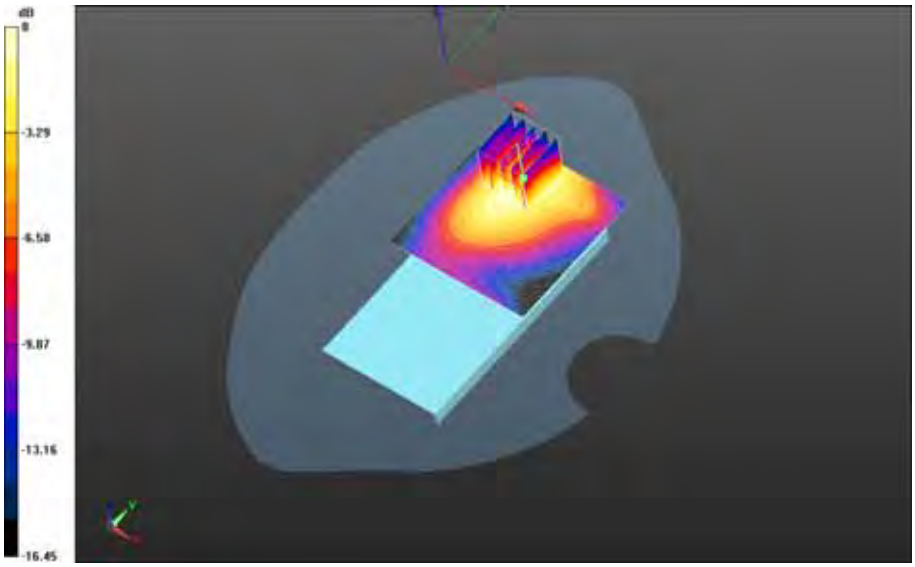
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Back -UMTS II_chan9262_amb_temp_23.6C_liq_temp_22.4C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.364 V/m; **Power Drift = 0.024 dB**

Fast SAR: SAR(1g) = 0.850 W/kg; SAR(10g) = 0.481 W/kg
Maximum value of SAR (interpolated) = 0.967 W/kg

Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Back -UMTS II_chan9262_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 = 8.364 V/m; **Power Drift = 0.024 dB**

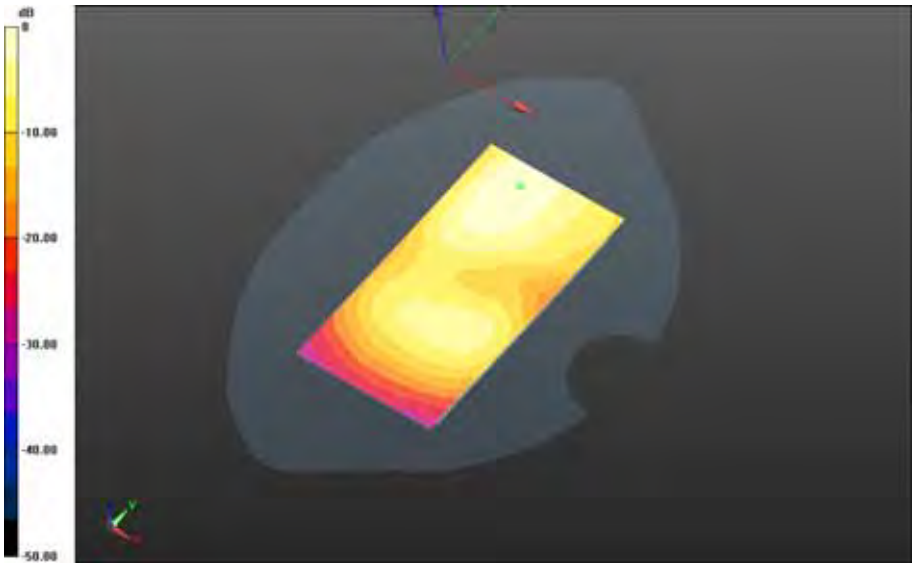
Averaged SAR: SAR(1g) = 0.841 W/kg; SAR(10g) = 0.535 W/kg
Maximum value of SAR (interpolated) = 1.10 W/kg



0 dB = 0.928 W/kg = -0.32 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Back -UMTS II_chan9400_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.950 V/m; **Power Drift = 0.150 dB**

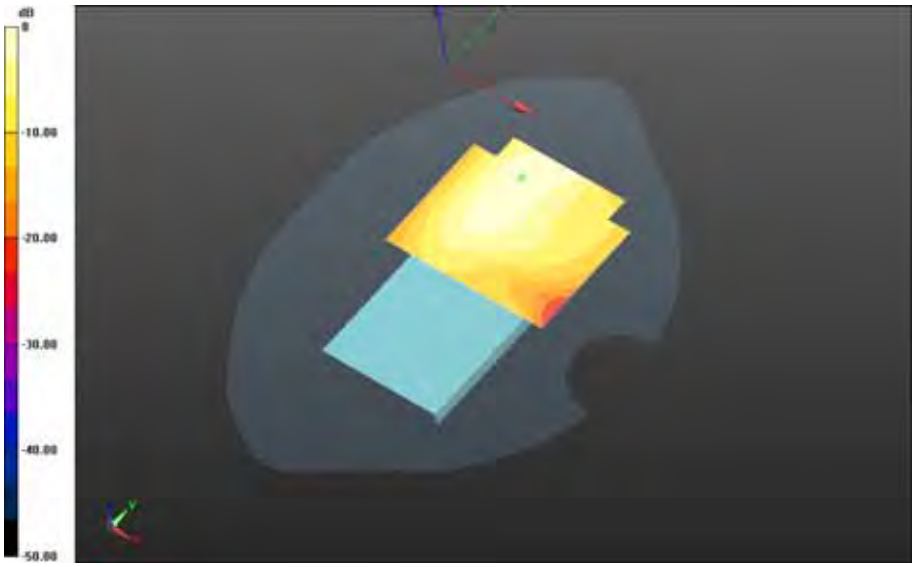
Fast SAR: SAR(1g) = 0.720 W/kg; SAR(10g) = 0.427 W/kg
Maximum value of SAR (interpolated) = 0.786 W/kg



0 dB = 0.786 W/kg = -1.05 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Back -UMTS II_chan9538_amb_temp_23.6C_liq_temp_22.3C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.995 V/m; **Power Drift = 0.024 dB**

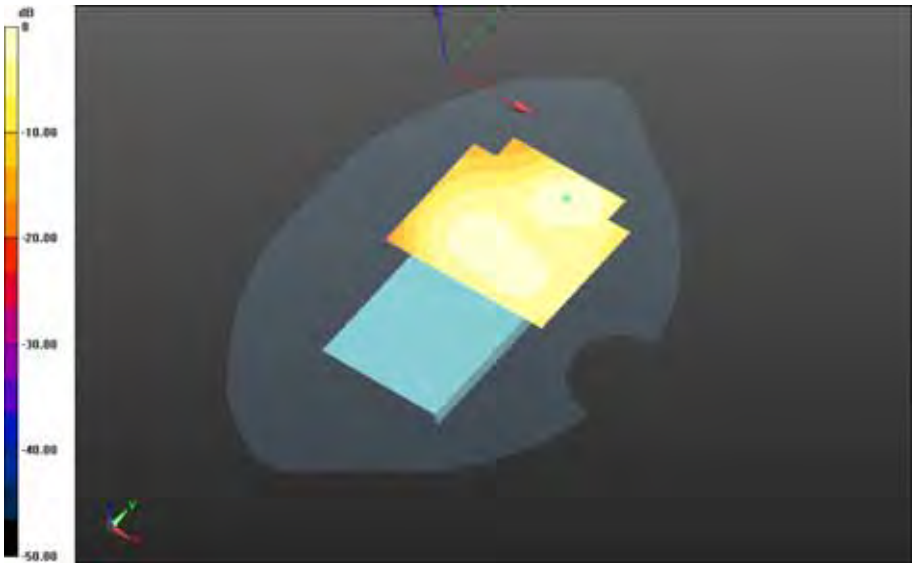
Fast SAR: SAR(1g) = 0.659 W/kg; SAR(10g) = 0.371 W/kg
Maximum value of SAR (interpolated) = 0.757 W/kg



0 dB = 0.757 W/kg = -1.21 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Front -UMTS II_chan9400_amb_temp_23.6C_liq_temp_22.3C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.670 V/m; **Power Drift = 0.025 dB**

Fast SAR: SAR(1g) = 0.233 W/kg; SAR(10g) = 0.127 W/kg
Maximum value of SAR (interpolated) = 0.269 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg

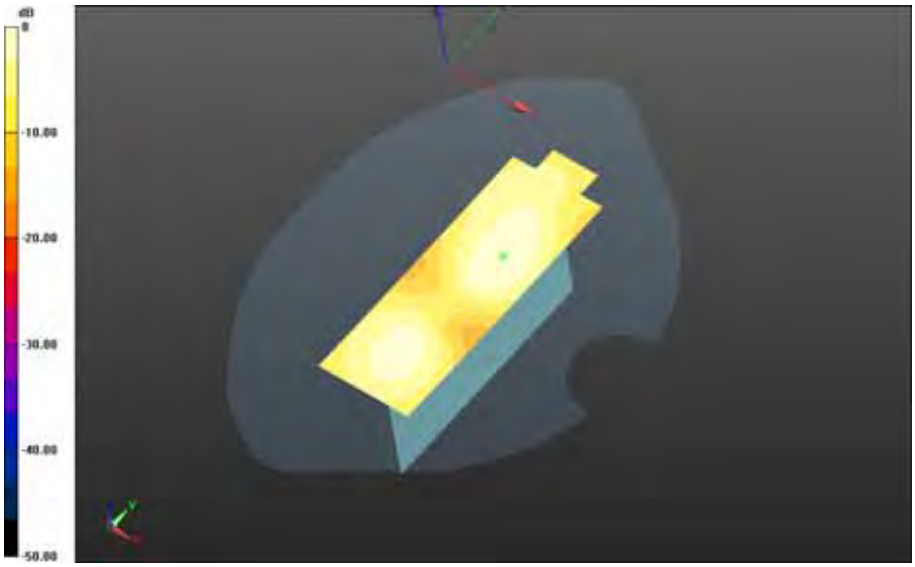
Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Left - UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.891 V/m; **Power Drift = 0.023 dB**

Fast SAR: SAR(1g) = 0.372 W/kg; SAR(10g) = 0.221 W/kg
Maximum value of SAR (interpolated) = 0.445 W/kg

0 dB = 0.445 W/kg = -3.52 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Right - UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.317 V/m; **Power Drift = -0.054 dB**

Fast SAR: SAR(1g) = 0.0753 W/kg; SAR(10g) = 0.0448 W/kg
Maximum value of SAR (interpolated) = 0.0895 W/kg



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

Mobile Hot Spot MSL - UMTS II - Slider Closed/10mm Device Bottom - UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.023 V/m; **Power Drift = 0.023 dB**

Fast SAR: SAR(1g) = 0.153 W/kg; SAR(10g) = 0.0818 W/kg
Maximum value of SAR (interpolated) = 0.175 W/kg

0 dB = 0.175 W/kg = -7.57 dBW/kg

Date: 9/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161463503

Configuration: Mobile Hot Spot MSL - UMTS II - Slider Open

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.503 S/m; ε_r = 51.512; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

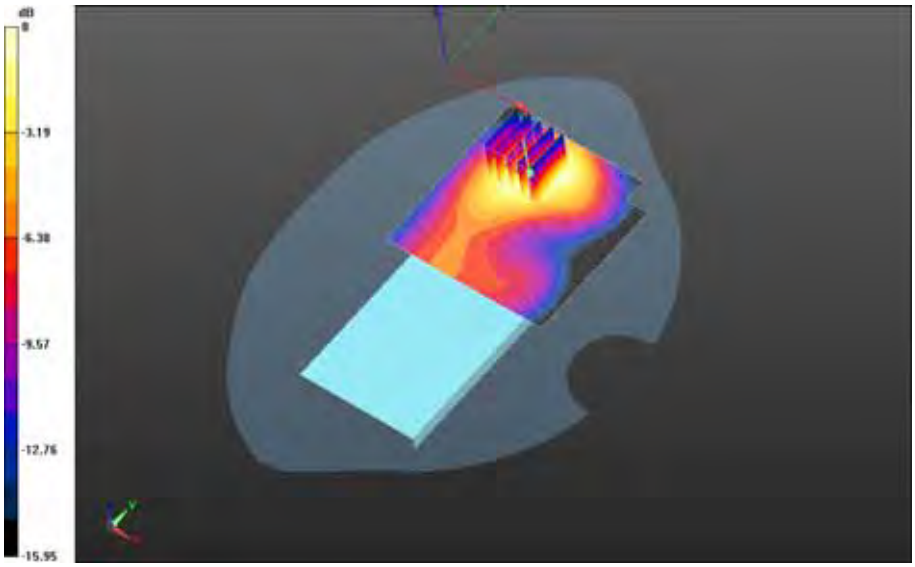
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Back -UMTS II_chan9262_amb_temp_23.7C_liq_temp_22.3C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.439 V/m; **Power Drift = -0.041 dB**

Fast SAR: SAR(1g) = 0.952 W/kg; SAR(10g) = 0.564 W/kg
Maximum value of SAR (interpolated) = 1.06 W/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Back -UMTS II_chan9262_amb_temp_23.7C_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 = 13.439 V/m; **Power Drift = -0.041 dB**

Averaged SAR: SAR(1g) = 0.934 W/kg; SAR(10g) = 0.583 W/kg
Maximum value of SAR (interpolated) = 1.33 W/kg



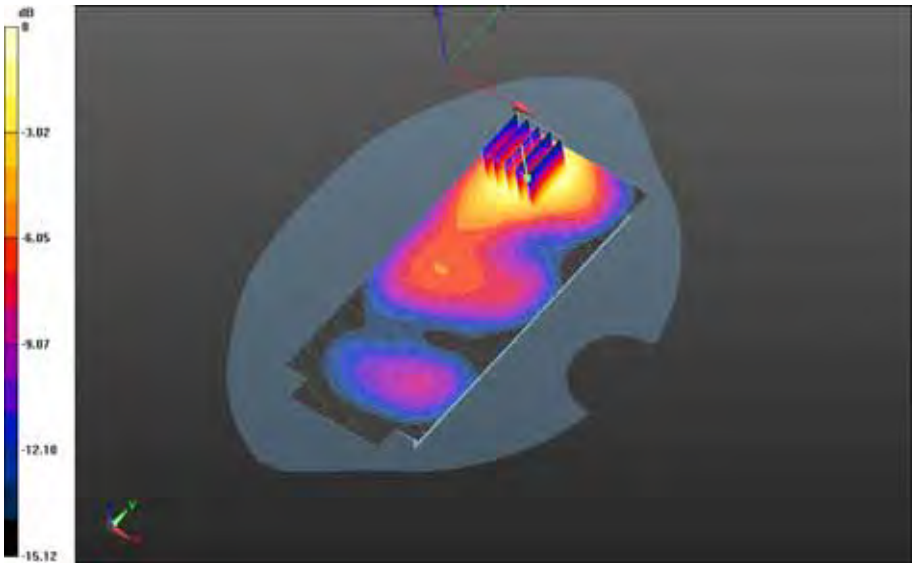
0 dB = 1.04 W/kg = 0.17 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Back -UMTS II_chan9400_amb_temp_23.7C_liq_temp_22.3C/Area Scan (121x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.842 V/m; **Power Drift = -0.082 dB**

Fast SAR: SAR(1g) = 0.844 W/kg; SAR(10g) = 0.497 W/kg
Maximum value of SAR (interpolated) = 0.927 W/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Back -UMTS II_chan9400_amb_temp_23.7C_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 = 12.842 V/m; **Power Drift = -0.082 dB**

Averaged SAR: SAR(1g) = 0.870 W/kg; SAR(10g) = 0.538 W/kg
Maximum value of SAR (interpolated) = 1.16 W/kg



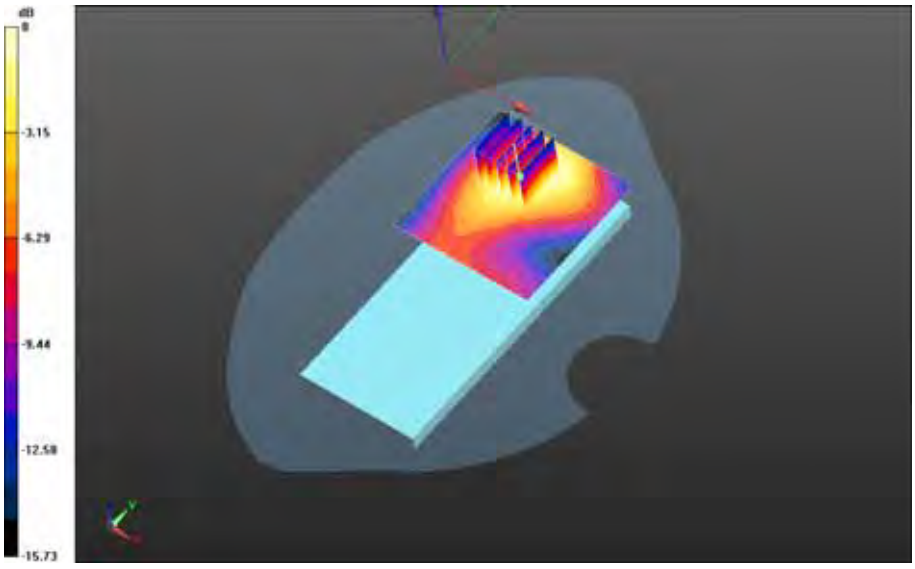
0 dB = 0.950 W/kg = -0.22 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Back -UMTS II_chan9538_amb_temp_23.6C_liq_temp_22.3C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.354 V/m; **Power Drift = -0.086 dB**

Fast SAR: SAR(1g) = 0.808 W/kg; SAR(10g) = 0.474 W/kg
Maximum value of SAR (interpolated) = 0.898 W/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Back -UMTS II_chan9538_amb_temp_23.6C_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 = 12.354 V/m; **Power Drift = -0.086 dB**

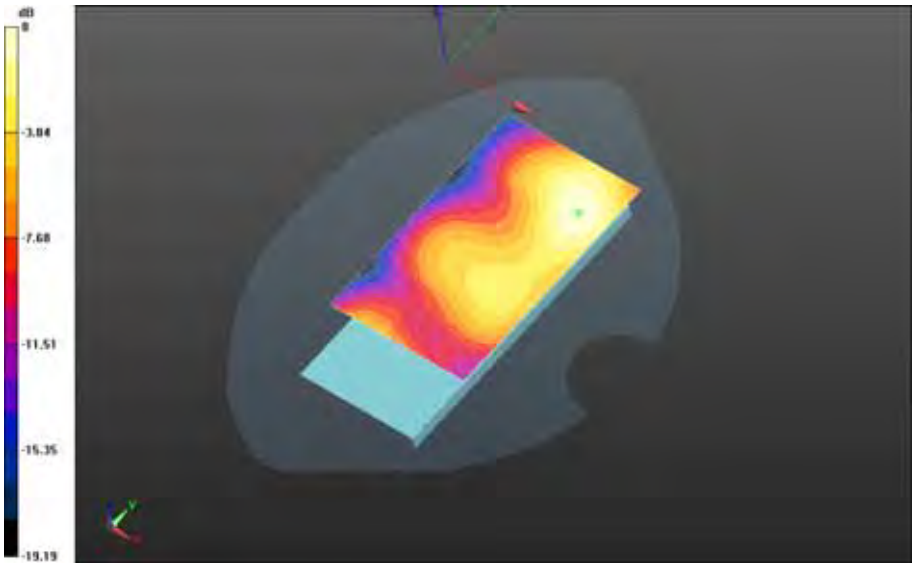
Averaged SAR: SAR(1g) = 0.830 W/kg; SAR(10g) = 0.512 W/kg
Maximum value of SAR (interpolated) = 1.12 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Front -UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.3C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.745 V/m; **Power Drift = 0.050 dB**

Fast SAR: SAR(1g) = 0.540 W/kg; SAR(10g) = 0.316 W/kg
Maximum value of SAR (interpolated) = 0.598 W/kg



0 dB = 0.598 W/kg = -2.23 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Left - UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.400 V/m; **Power Drift = 0.013 dB**

Fast SAR: SAR(1g) = 0.342 W/kg; SAR(10g) = 0.198 W/kg
Maximum value of SAR (interpolated) = 0.379 W/kg

0 dB = 0.379 W/kg = -4.21 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Right - UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.121 V/m; **Power Drift = -0.00315 dB**

Fast SAR: SAR(1g) = 0.116 W/kg; SAR(10g) = 0.0644 W/kg
Maximum value of SAR (interpolated) = 0.128 W/kg

0 dB = 0.128 W/kg = -8.93 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/10mm Device Bottom - UMTS II_chan9400_amb_temp_23.9C_liq_temp_22.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.825 V/m; **Power Drift = 0.016 dB**

Fast SAR: SAR(1g) = 0.176 W/kg; SAR(10g) = 0.103 W/kg
Maximum value of SAR (interpolated) = 0.191 W/kg

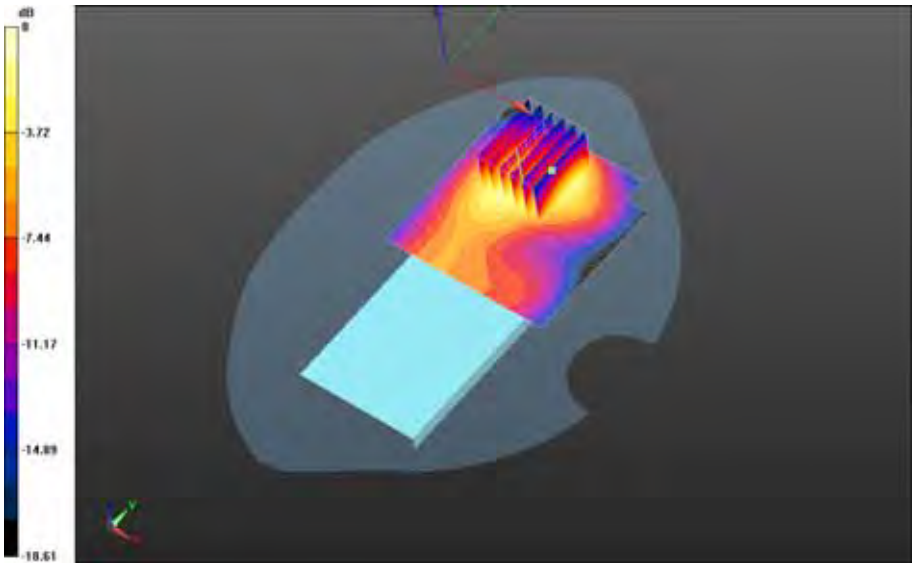
0 dB = 0.191 W/kg = -7.19 dBW/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/2nd Scan 10mm Device Back -UMTS II_chan9262_amb_temp_23.8C_liq_temp_22.4C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.333 V/m; **Power Drift = -0.00567 dB**

Fast SAR: SAR(1g) = 0.945 W/kg; SAR(10g) = 0.569 W/kg; Secondary SAR(1g) = 0.944 W/kg
Maximum value of SAR (interpolated) = 1.07 W/kg

Mobile Hot Spot MSL - UMTS II - Slider Open/2nd Scan 10mm Device Back -UMTS II_chan9262_amb_temp_23.8C_liq_temp_22.4C/Zoom Scan (26x31x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 13.333 V/m; **Power Drift = -0.00567 dB**

Averaged SAR: SAR(1g) = 0.951 W/kg; SAR(10g) = 0.592 W/kg
Maximum value of SAR (interpolated) = 1.40 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Date: 7/22/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Body Worn MSL - UMTS II - Slider Closed

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II; Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.499 S/m; ε_r = 51.706; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

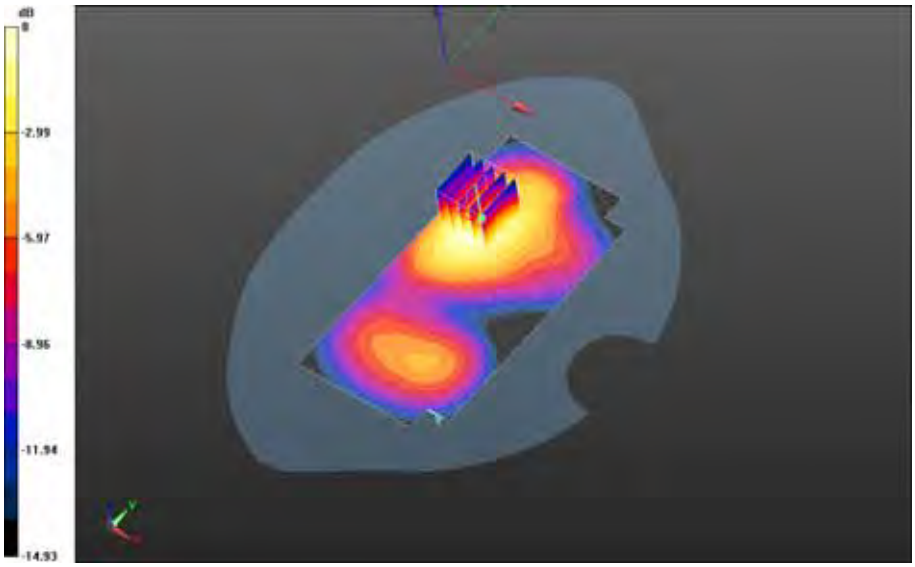
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS II - Slider Closed/15mm Device Back -UMTS II_chan9262_amb_temp_23.4C_liq_temp_22.1C 2/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.278 V/m; **Power Drift = 0.089 dB**

Fast SAR: SAR(1g) = 0.881 W/kg; SAR(10g) = 0.525 W/kg
Maximum value of SAR (interpolated) = 0.980 W/kg

Body Worn MSL - UMTS II - Slider Closed/15mm Device Back -UMTS II_chan9262_amb_temp_23.4C_liq_temp_22.1C 2/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 13.278 V/m; **Power Drift = 0.089 dB**

Averaged SAR: SAR(1g) = 0.906 W/kg; SAR(10g) = 0.596 W/kg
Maximum value of SAR (interpolated) = 1.18 W/kg



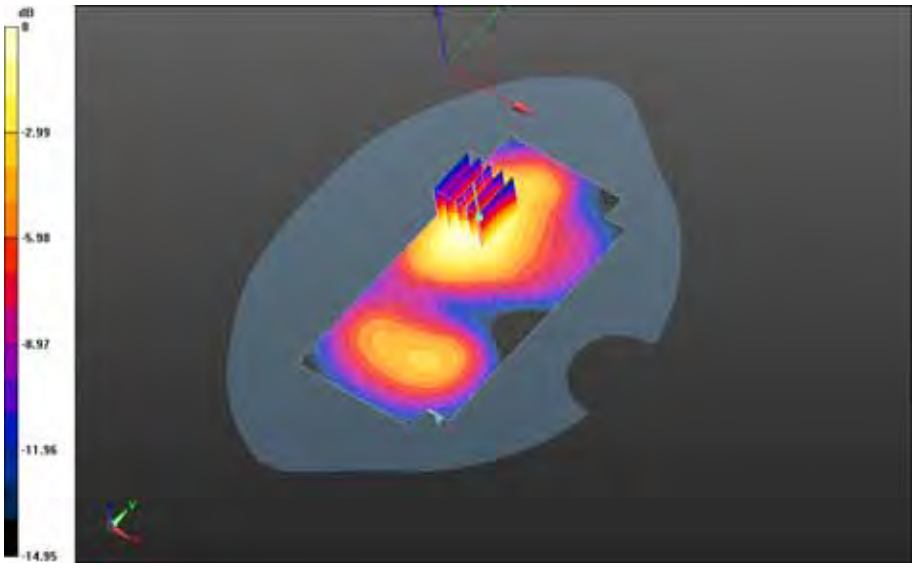
0 dB = 0.970 W/kg = -0.13 dBW/kg

Body Worn MSL - UMTS II - Slider Closed 2/15mm Device Back -UMTS II_chan9400_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.244 V/m; **Power Drift = 0.075 dB**

Fast SAR: SAR(1g) = 0.899 W/kg; SAR(10g) = 0.534 W/kg
Maximum value of SAR (interpolated) = 0.996 W/kg

Body Worn MSL - UMTS II - Slider Closed 2/15mm Device Back -UMTS II_chan9400_amb_temp_23.6C_liq_temp_22.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 13.244 V/m; **Power Drift = 0.075 dB**

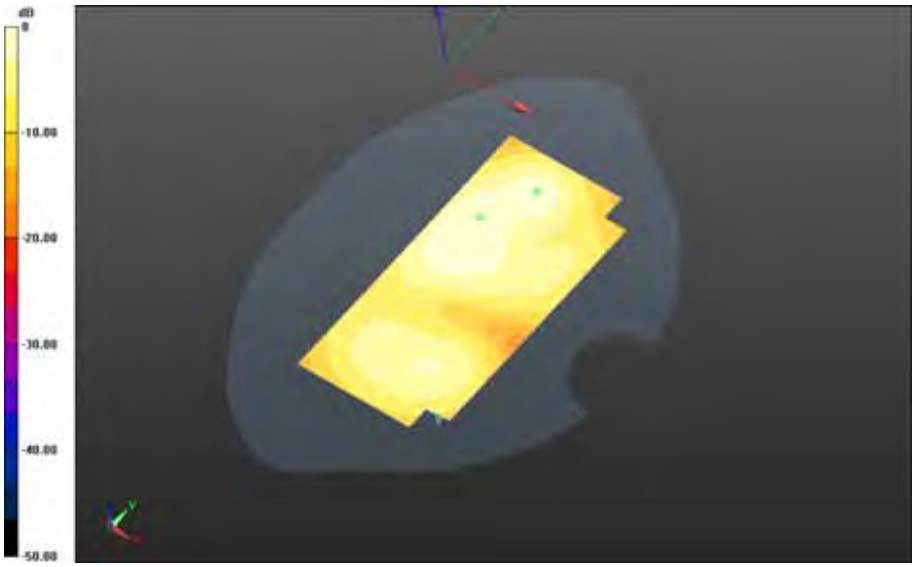
Averaged SAR: SAR(1g) = 0.881 W/kg; SAR(10g) = 0.583 W/kg
Maximum value of SAR (interpolated) = 1.15 W/kg



0 dB = 0.953 W/kg = -0.21 dBW/kg

Body Worn MSL - UMTS II - Slider Closed/15mm Device Back -UMTS II_chan9538_amb_temp_23.4C_liq_temp_22.1C 3/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.577 V/m; **Power Drift = 0.056 dB**

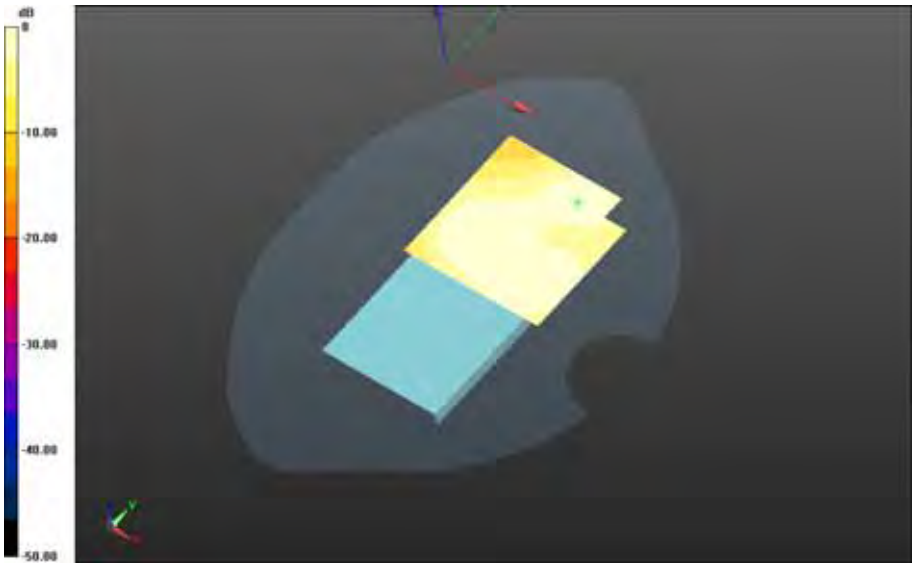
Fast SAR: SAR(1g) = 0.635 W/kg; SAR(10g) = 0.379 W/kg
Maximum value of SAR (interpolated) = 0.704 W/kg



0 dB = 0.704 W/kg = -1.52 dBW/kg

Body Worn MSL - UMTS II - Slider Closed/15mm Device Front -UMTS II_chan9400_amb_temp_23.5C_liq_temp_22.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.738 V/m; **Power Drift = 0.026 dB**

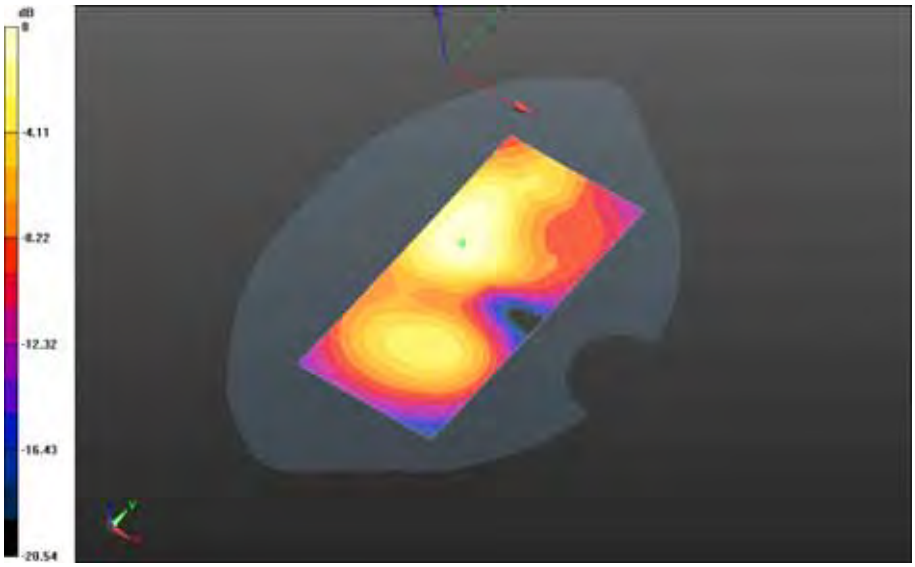
Fast SAR: SAR(1g) = 0.249 W/kg; SAR(10g) = 0.153 W/kg
Maximum value of SAR (interpolated) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

Body Worn MSL - UMTS II - Slider Closed/Holster Device Back -UMTS II_chan9400_amb_temp_23.5C_liq_temp_22.0C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.326 V/m; **Power Drift = 0.018 dB**

Fast SAR: SAR(1g) = 0.346 W/kg; SAR(10g) = 0.210 W/kg
Maximum value of SAR (interpolated) = 0.374 W/kg



0 dB = 0.374 W/kg = -4.27 dBW/kg

Date: 9/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161462755

Configuration: Body Worn MSL - UMTS II - Slider Closed

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.503 S/m; ε_r = 51.512; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

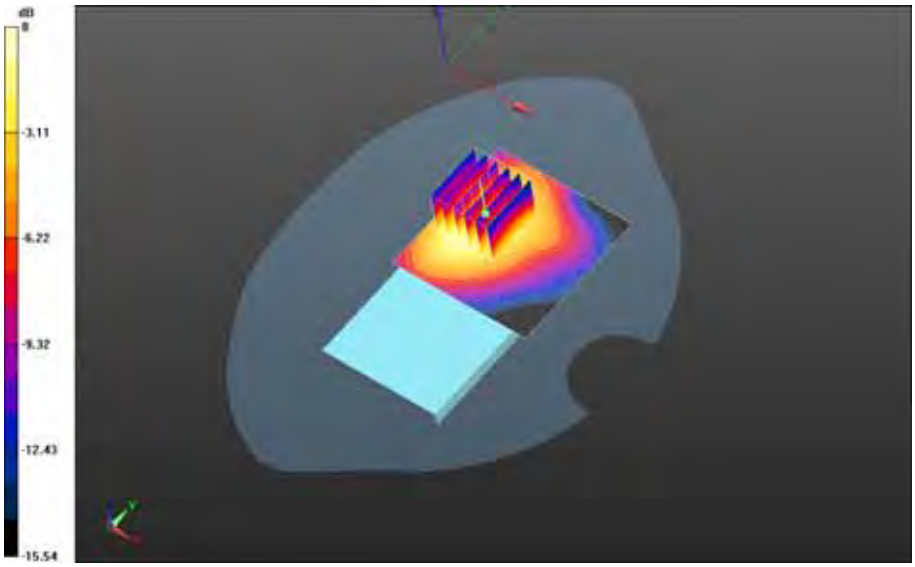
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS II - Slider Closed 2/2nd Scan 15mm Device Back -UMTS II_chan9262_amb_temp_23.7C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.200 V/m; **Power Drift = 0.040 dB**

Fast SAR: SAR(1g) = 0.929 W/kg; SAR(10g) = 0.555 W/kg
Maximum value of SAR (interpolated) = 1.03 W/kg

Body Worn MSL - UMTS II - Slider Closed 2/2nd Scan 15mm Device Back -UMTS II_chan9262_amb_temp_23.7C_liq_temp_22.1C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.200 V/m; **Power Drift = 0.040 dB**

Averaged SAR: SAR(1g) = 0.929 W/kg; SAR(10g) = 0.612 W/kg
Maximum value of SAR (interpolated) = 1.21 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg