APPENDIX B: SAR DISTRIBUTION PLOTS FOR EACH CONFIGURATION PART 1 of 3 (750-850 MHz)

LTE Band 13

Date: 10/21/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Right-Hand-Side HSL - LTE Band 13_slider closed

Communication System: LTE 13 (0); Communication System Band: LTE band 13; Frequency: 782 MHz
Medium Parameters used: f=782 MHz; σ = 0.973 S/m; ε_r = 42.759; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

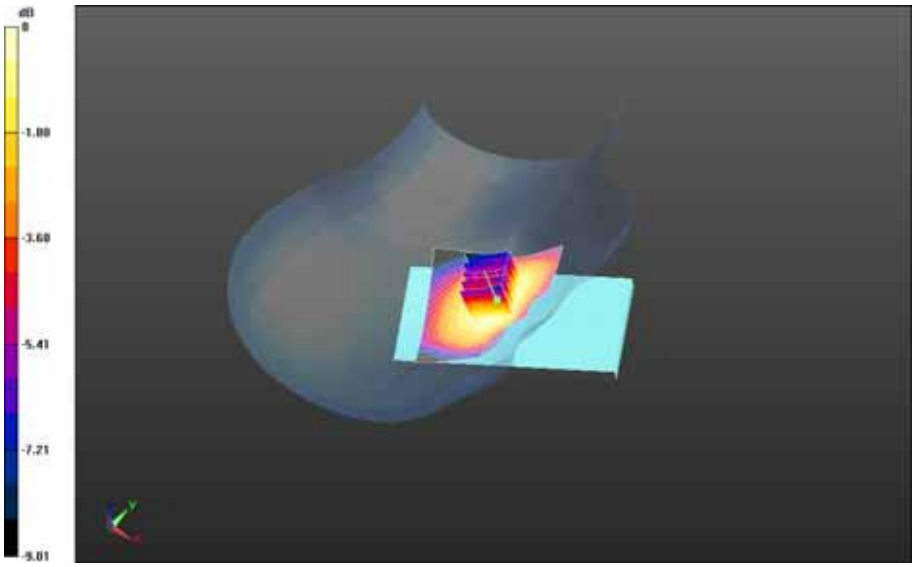
- Probe: ET3DV6 - SN1643; ConvF: (6.69,6.69,6.69); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - LTE Band 13_slider closed/Touch Position -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.936 V/m; **Power Drift = -0.190 dB**

Fast SAR: SAR(1g) = 0.244 W/kg; SAR(10g) = 0.169 W/kg
Maximum value of SAR (interpolated) = 0.257 W/kg

Right-Hand-Side HSL - LTE Band 13_slider closed/Touch Position -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_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 = 6.936 V/m; **Power Drift = -0.190 dB**

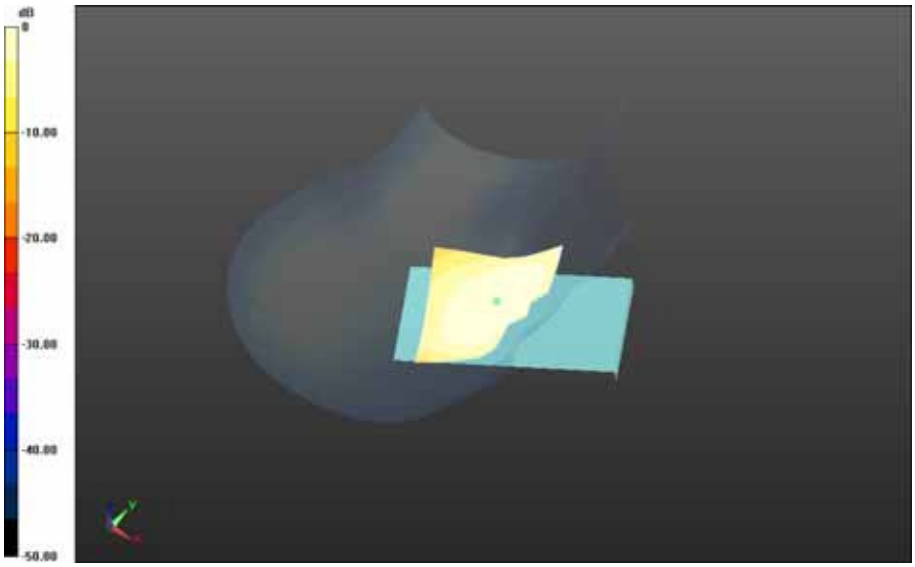
Averaged SAR: SAR(1g) = 0.244 W/kg; SAR(10g) = 0.188 W/kg
Maximum value of SAR (interpolated) = 0.293 W/kg



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

Right-Hand-Side HSL - LTE Band 13_slider closed/Touch Position -LTE band 13_chan23230_10MHz_BW_RB25_Offset_High_amb_temp_23.9C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.149 V/m; **Power Drift = 0.010 dB**

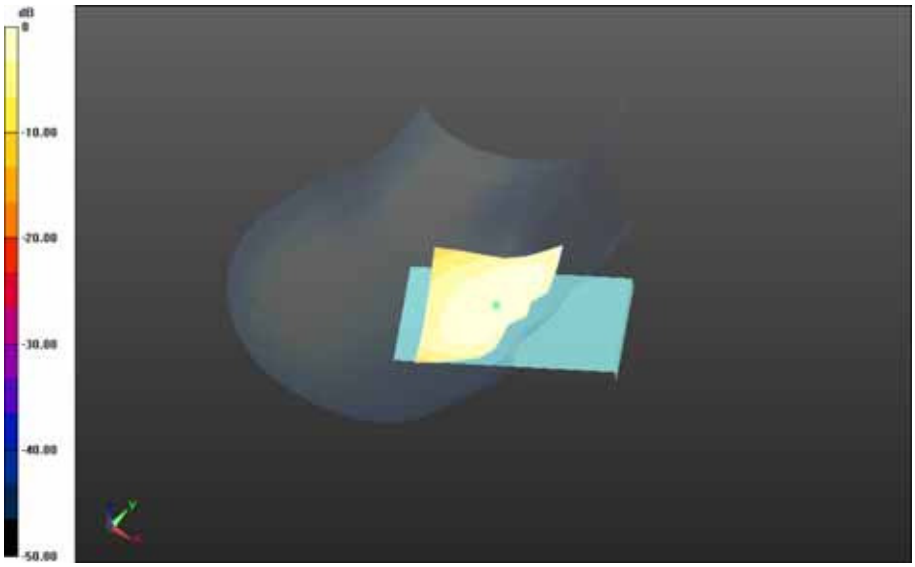
Fast SAR: SAR(1g) = 0.212 W/kg; SAR(10g) = 0.147 W/kg
Maximum value of SAR (interpolated) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

Right-Hand-Side HSL - LTE Band 13_slider closed/Touch Position -LTE band 13_chan23230_10MHz_BW_RB50_Offset_Low_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.203 V/m; **Power Drift = -0.022 dB**

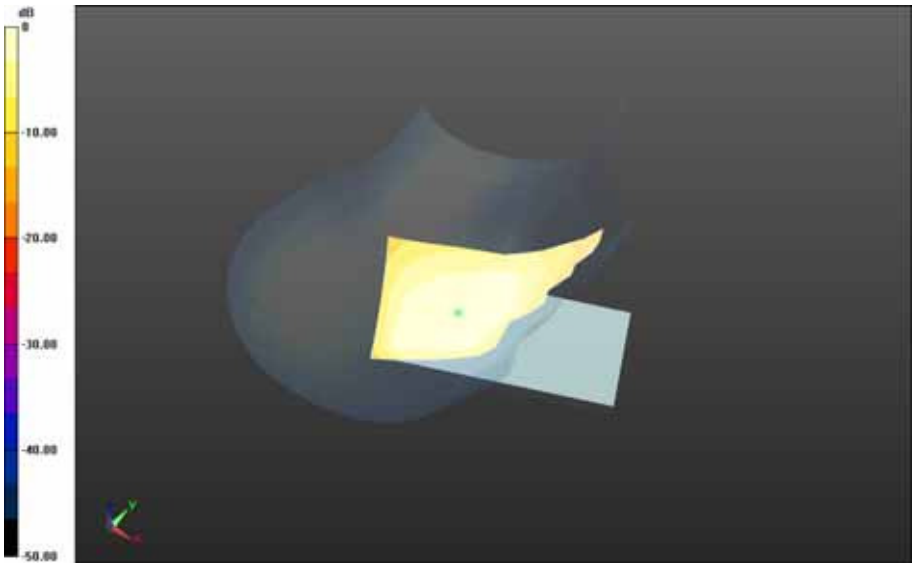
Fast SAR: SAR(1g) = 0.211 W/kg; SAR(10g) = 0.146 W/kg
Maximum value of SAR (interpolated) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

Right-Hand-Side HSL - LTE Band 13_slider closed/Tilt Position -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.0C/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.071 V/m; **Power Drift = 0.025 dB**

Fast SAR: SAR(1g) = 0.178 W/kg; SAR(10g) = 0.125 W/kg
Maximum value of SAR (interpolated) = 0.188 W/kg



0 dB = 0.188 W/kg = -7.26 dBW/kg

Date: 10/21/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Left-Hand-Side HSL - LTE Band 13_slider closed

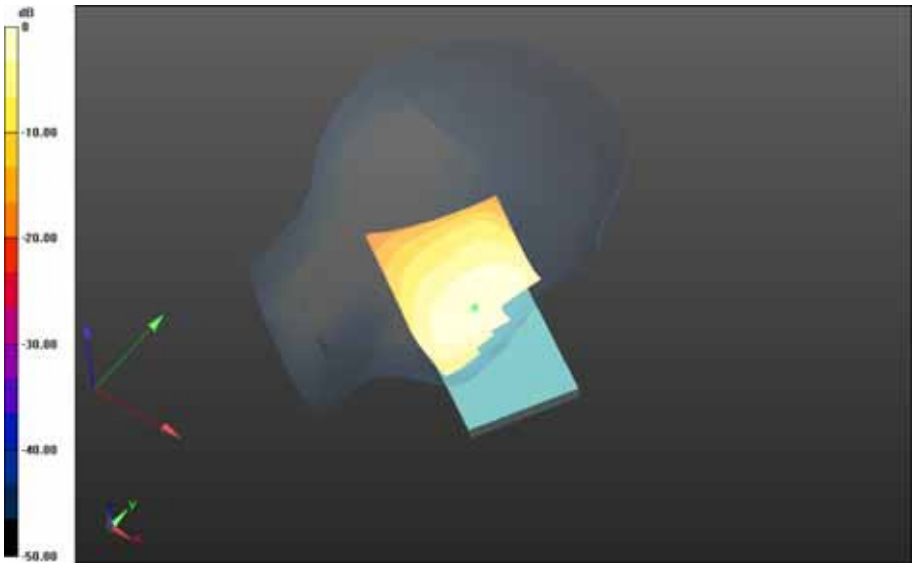
Communication System: LTE 13 (0); Communication System Band: LTE band 13; Frequency: 782 MHz
Medium Parameters used: f=782 MHz; σ = 0.973 S/m; ε_r = 42.759; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.69,6.69,6.69); 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 13_slider closed/Touch Position - -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.4C/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.017 V/m; **Power Drift = 0.053 dB**

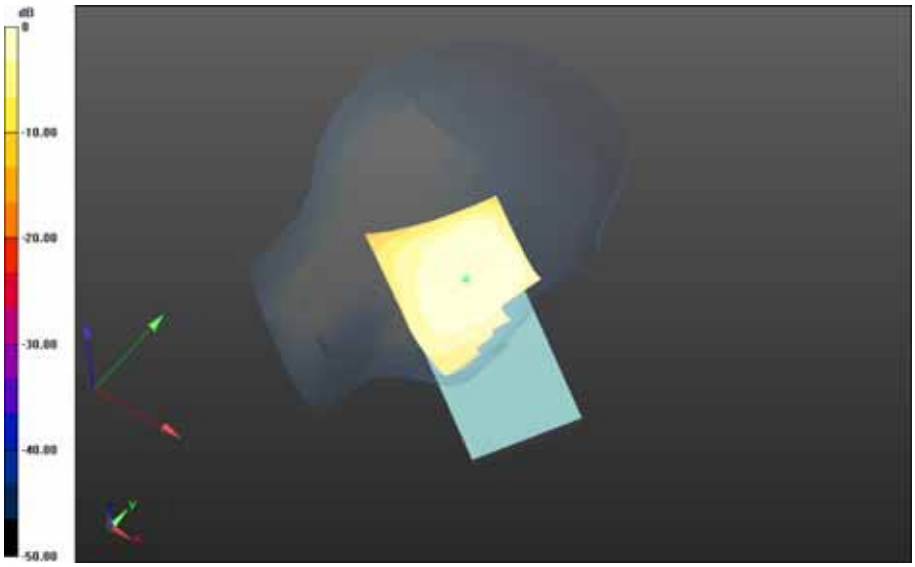
Fast SAR: SAR(1g) = 0.232 W/kg; SAR(10g) = 0.159 W/kg
Maximum value of SAR (interpolated) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

Left-Hand-Side HSL - LTE Band 13_slider closed/Tilt Position - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.3C/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.546 V/m; **Power Drift = 0.132 dB**

Fast SAR: SAR(1g) = 0.197 W/kg; SAR(10g) = 0.138 W/kg
Maximum value of SAR (interpolated) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

Date: 10/21/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Right-Hand-Side HSL - LTE Band 13_slider open

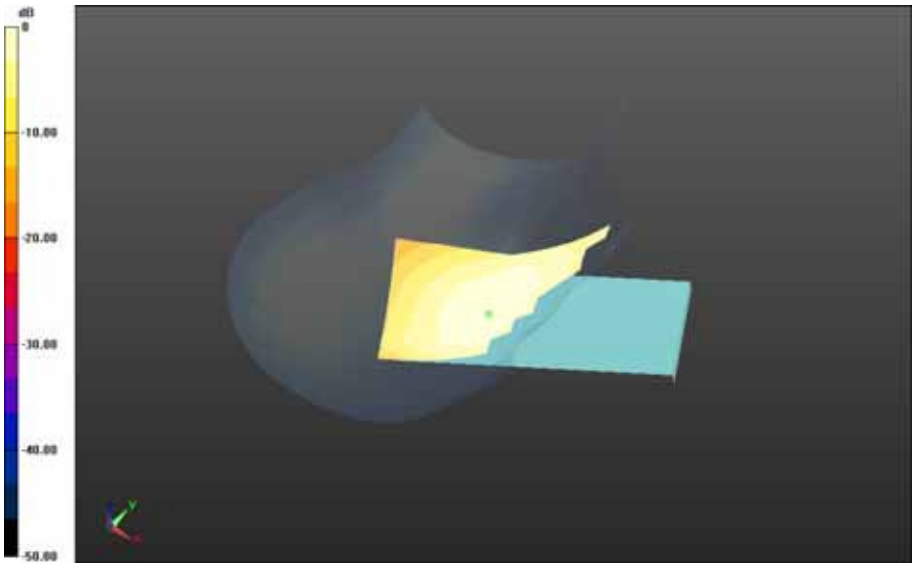
Communication System: LTE 13 (0); Communication System Band: LTE band 13; Frequency: 782 MHz
Medium Parameters used: f=782 MHz; σ = 0.973 S/m; ε_r = 42.759; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.69,6.69,6.69); 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 13_slider open/Touch Position -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.3C/Area Scan (121x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.982 V/m; **Power Drift = -0.071 dB**

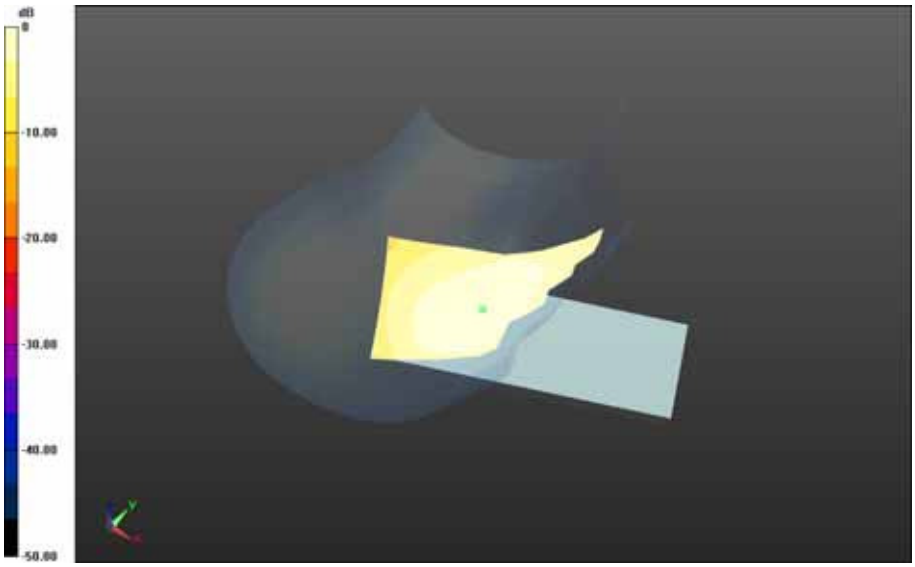
Fast SAR: SAR(1g) = 0.170 W/kg; SAR(10g) = 0.117 W/kg
Maximum value of SAR (interpolated) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg

Right-Hand-Side HSL - LTE Band 13_slider open/Tilt Position -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.3C/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.270 V/m; **Power Drift = 0.099 dB**

Fast SAR: SAR(1g) = 0.0614 W/kg; SAR(10g) = 0.0434 W/kg
Maximum value of SAR (interpolated) = 0.0646 W/kg



0 dB = 0.0646 W/kg = -11.90 dBW/kg

Date: 10/21/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Left-Hand-Side HSL - LTE Band 13_slider open

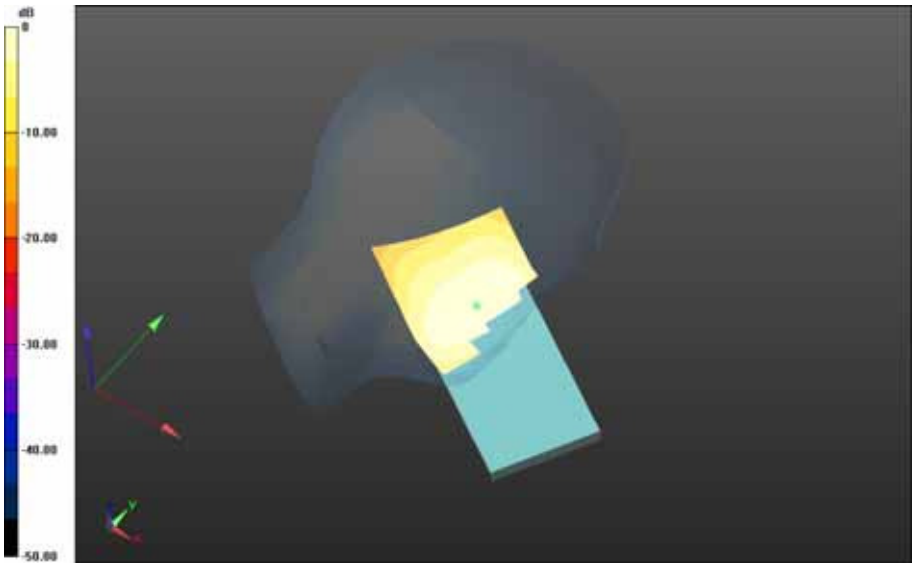
Communication System: LTE 13 (0); Communication System Band: LTE band 13; Frequency: 782 MHz
Medium Parameters used: f=782 MHz; σ = 0.973 S/m; ε_r = 42.759; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.69,6.69,6.69); 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 13_slider open/Touch Position -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.5C/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.063 V/m; **Power Drift = -0.190 dB**

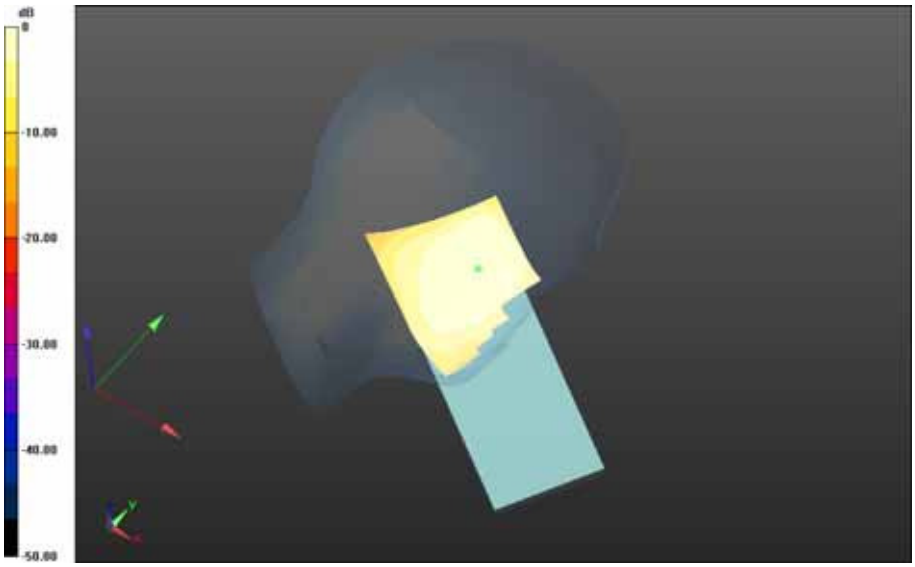
Fast SAR: SAR(1g) = 0.196 W/kg; SAR(10g) = 0.137 W/kg
Maximum value of SAR (interpolated) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

Left-Hand-Side HSL - LTE Band 13_slider open/Tilt Position -LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.5C_liq_temp_22.5C/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.358 V/m; **Power Drift = 0.015 dB**

Fast SAR: SAR(1g) = 0.131 W/kg; SAR(10g) = 0.0919 W/kg
Maximum value of SAR (interpolated) = 0.138 W/kg



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

Date: 10/22/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Mobile Hot Spot MSL - LTE Band 13_slider closed

Communication System: LTE 13 (0); Communication System Band: LTE band 13; Frequency: 782 MHz
Medium Parameters used: f=782 MHz; σ = 1.018 S/m; ε_r = 54.983; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

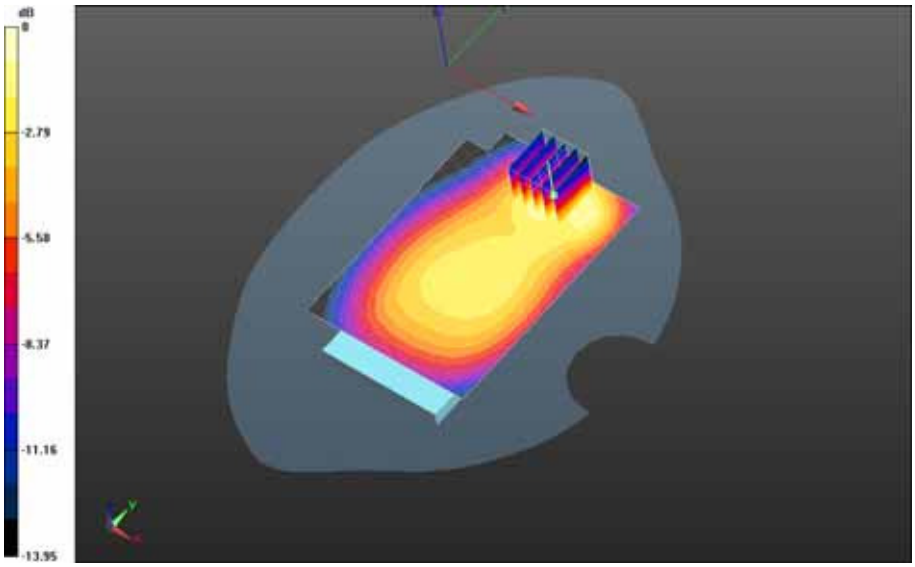
- Probe: ET3DV6 - SN1643; ConvF: (6.29,6.29,6.29); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Back - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.7C/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.477 V/m; **Power Drift = -0.011 dB**

Fast SAR: SAR(1g) = 0.466 W/kg; SAR(10g) = 0.298 W/kg
Maximum value of SAR (interpolated) = 0.521 W/kg

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Back - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.7C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 18.477 V/m; **Power Drift = -0.011 dB**

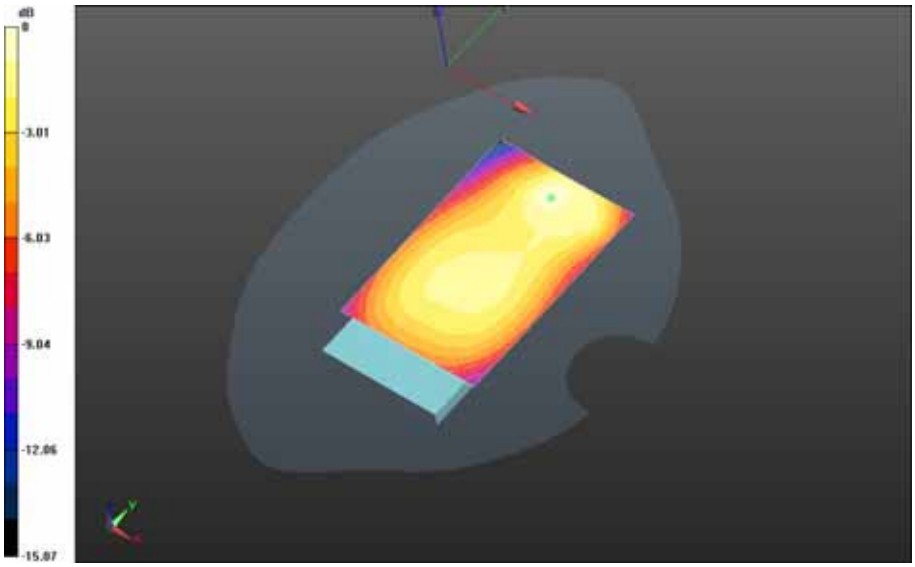
Averaged SAR: SAR(1g) = 0.479 W/kg; SAR(10g) = 0.271 W/kg
Maximum value of SAR (interpolated) = 0.907 W/kg



0 dB = 0.528 W/kg = -2.77 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Back - LTE band 13_chan23230_10MHz_BW_RB25_Offset_High_amb_temp_23.6_liq_temp_22.6C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.672 V/m; **Power Drift = 0.021 dB**

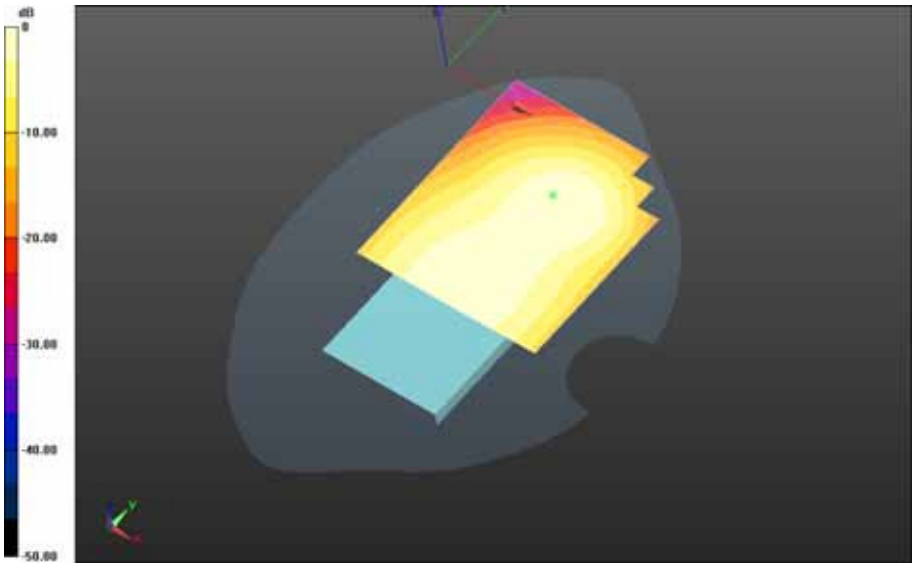
Fast SAR: SAR(1g) = 0.336 W/kg; SAR(10g) = 0.214 W/kg
Maximum value of SAR (interpolated) = 0.380 W/kg



0 dB = 0.380 W/kg = -4.20 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Back - LTE band 13_chan23230_10MHz_BW_RB50_Offset_Low_amb_temp_23.6C_liq_temp_22.7C/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.803 V/m; **Power Drift = 0.040 dB**

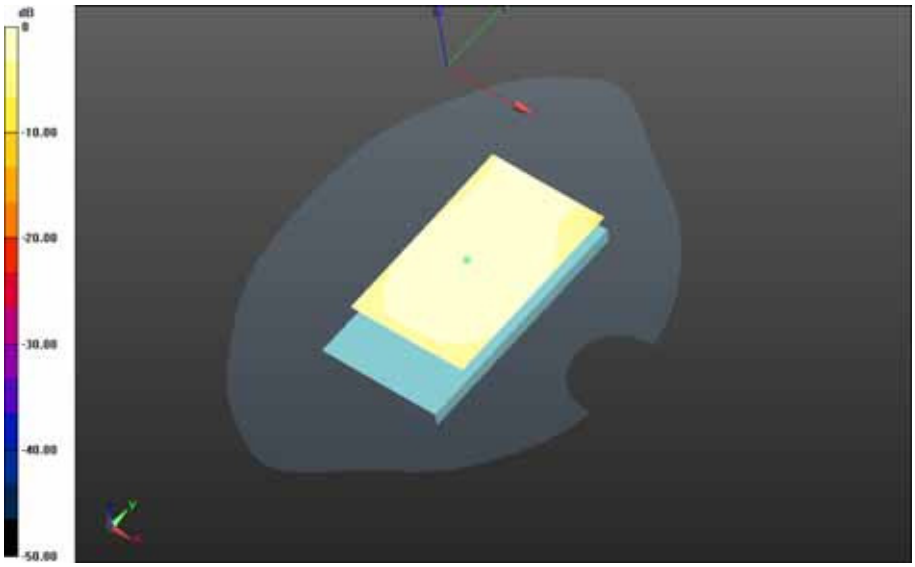
Fast SAR: SAR(1g) = 0.356 W/kg; SAR(10g) = 0.230 W/kg
Maximum value of SAR (interpolated) = 0.400 W/kg



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

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Front - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.3C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.288 V/m; **Power Drift = -0.155 dB**

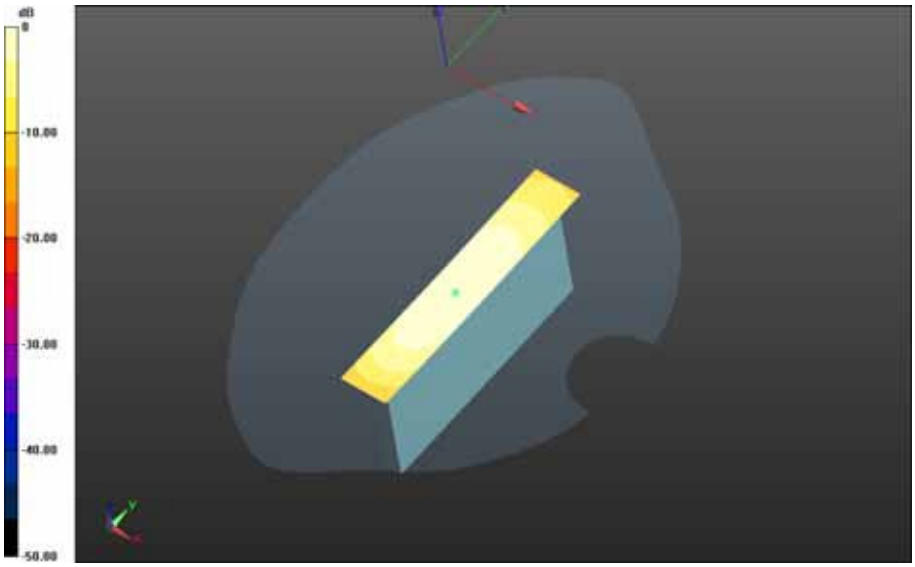
Fast SAR: SAR(1g) = 0.334 W/kg; SAR(10g) = 0.237 W/kg
Maximum value of SAR (interpolated) = 0.353 W/kg



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

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Left - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.7C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.843 V/m; **Power Drift = 0.094 dB**

Fast SAR: SAR(1g) = 0.255 W/kg; SAR(10g) = 0.173 W/kg
Maximum value of SAR (interpolated) = 0.273 W/kg



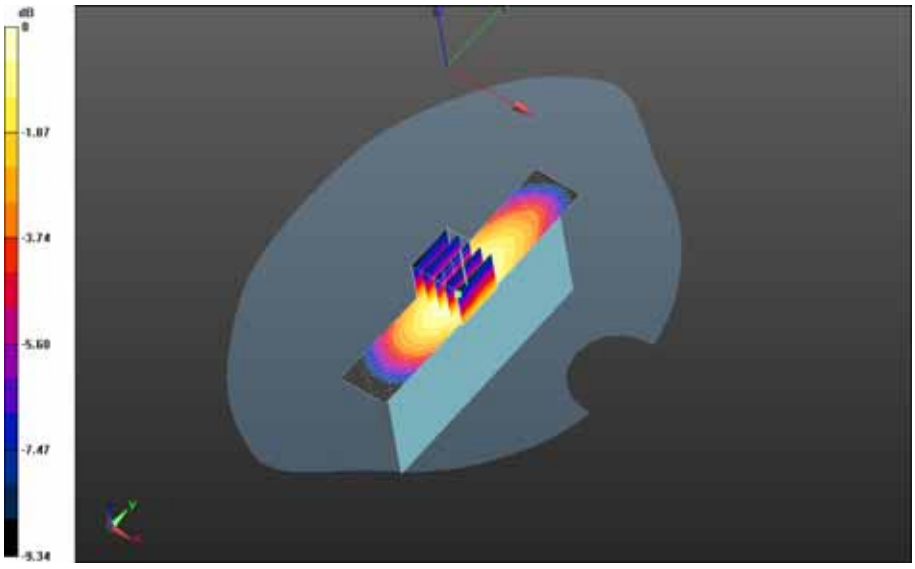
0 dB = 0.273 W/kg = -5.64 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Right - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.5C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 23.527 V/m; **Power Drift = 0.050 dB**

Fast SAR: SAR(1g) = 0.498 W/kg; SAR(10g) = 0.341 W/kg
Maximum value of SAR (interpolated) = 0.529 W/kg

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Right - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.5C_liq_temp_22.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 23.527 V/m; **Power Drift = 0.050 dB**

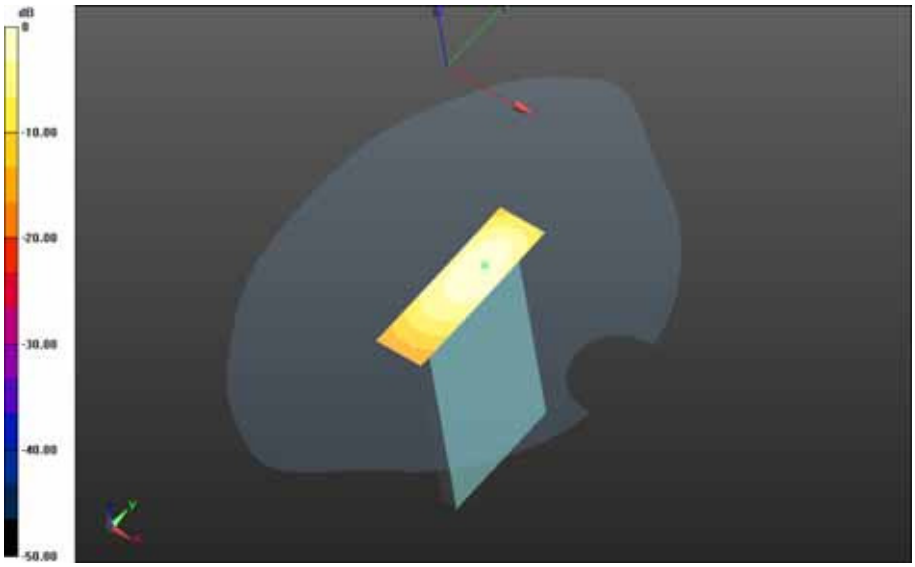
Averaged SAR: SAR(1g) = 0.494 W/kg; SAR(10g) = 0.341 W/kg
Maximum value of SAR (interpolated) = 0.691 W/kg



0 dB = 0.528 W/kg = -2.77 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider closed/10mm Device Bottom - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_24.1C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.719 V/m; **Power Drift = 0.029 dB**

Fast SAR: SAR(1g) = 0.408 W/kg; SAR(10g) = 0.246 W/kg
Maximum value of SAR (interpolated) = 0.460 W/kg



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

Date: 10/22/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Mobile Hot Spot MSL - LTE Band 13_slider open

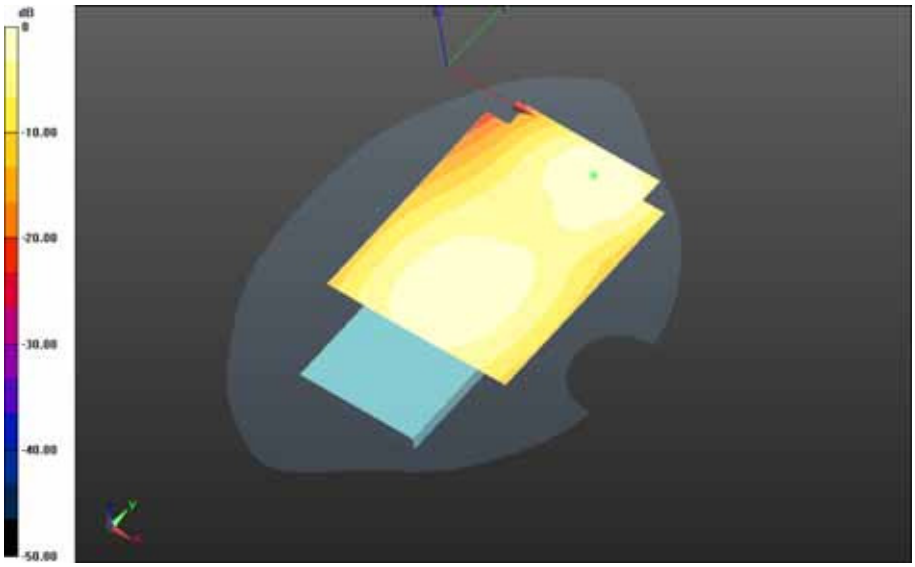
Communication System: LTE 13 (0); Communication System Band: LTE band 13; Frequency: 782 MHz
Medium Parameters used: f=782 MHz; σ = 1.018 S/m; ε_r = 54.983; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.29,6.29,6.29); 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 13_slider open/10mm Device Back - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.5C_liq_temp_22.2C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.965 V/m; **Power Drift = 0.088 dB**

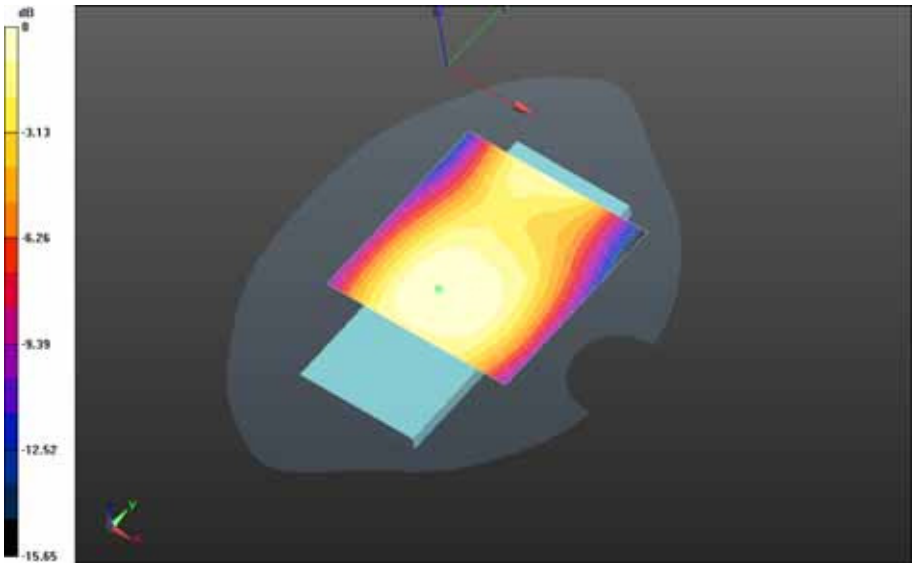
Fast SAR: SAR(1g) = 0.407 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.444 W/kg



0 dB = 0.444 W/kg = -3.53 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider open/10mm Device Front - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.4C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.058 V/m; **Power Drift = -0.045 dB**

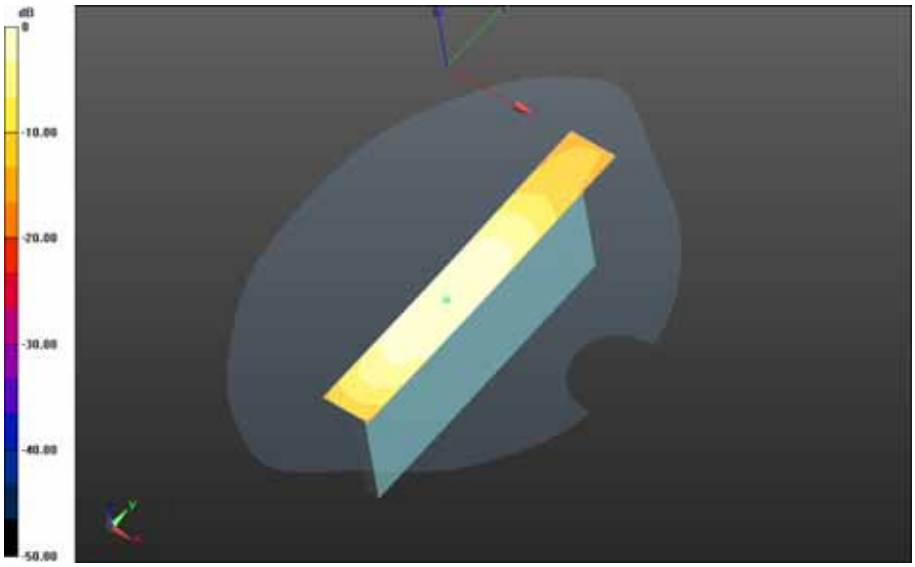
Fast SAR: SAR(1g) = 0.295 W/kg; SAR(10g) = 0.210 W/kg
Maximum value of SAR (interpolated) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider open/10mm Device Left - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.437 V/m; **Power Drift = -0.069 dB**

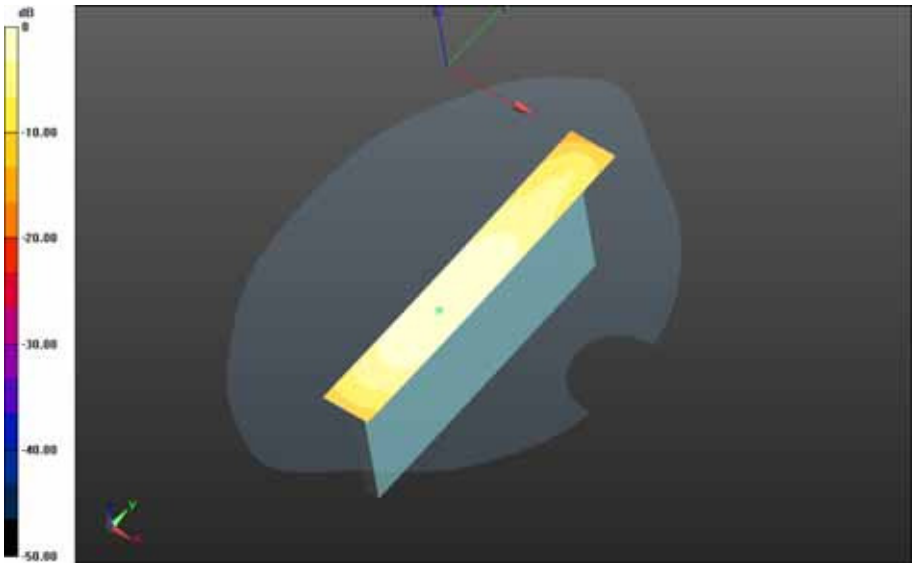
Fast SAR: SAR(1g) = 0.195 W/kg; SAR(10g) = 0.133 W/kg
Maximum value of SAR (interpolated) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider open/10mm Device Right - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.694 V/m; **Power Drift = 0.014 dB**

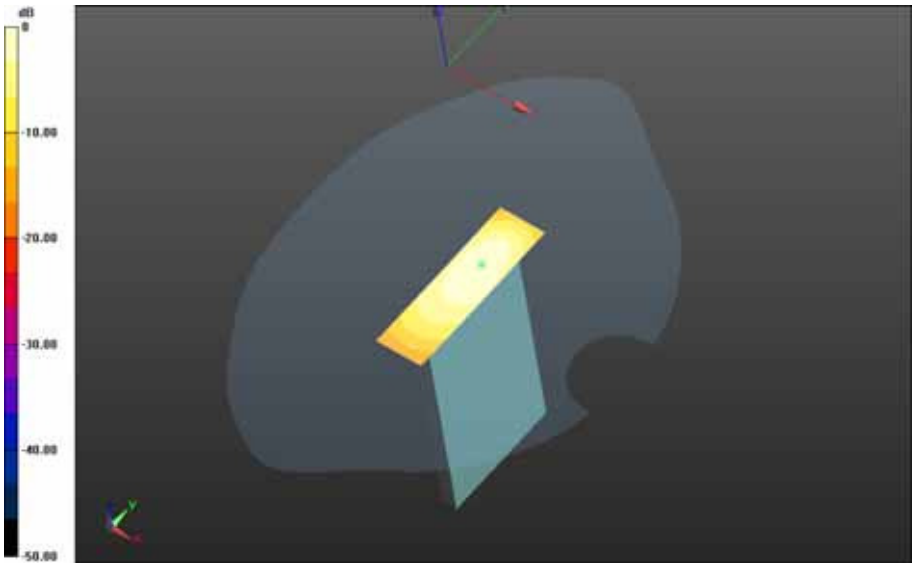
Fast SAR: SAR(1g) = 0.401 W/kg; SAR(10g) = 0.275 W/kg
Maximum value of SAR (interpolated) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg

Mobile Hot Spot MSL - LTE Band 13_slider open/10mm Device Bottom - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.977 V/m; **Power Drift = -0.090 dB**

Fast SAR: SAR(1g) = 0.441 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.497 W/kg



0 dB = 0.497 W/kg = -3.04 dBW/kg

Date: 10/21/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Body Worn MSL - LTE Band 13_slider closed

Communication System: LTE 13 (0); Communication System Band: LTE band 13; Frequency: 782 MHz
Medium Parameters used: f=782 MHz; σ = 1.018 S/m; ε_r = 54.983; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

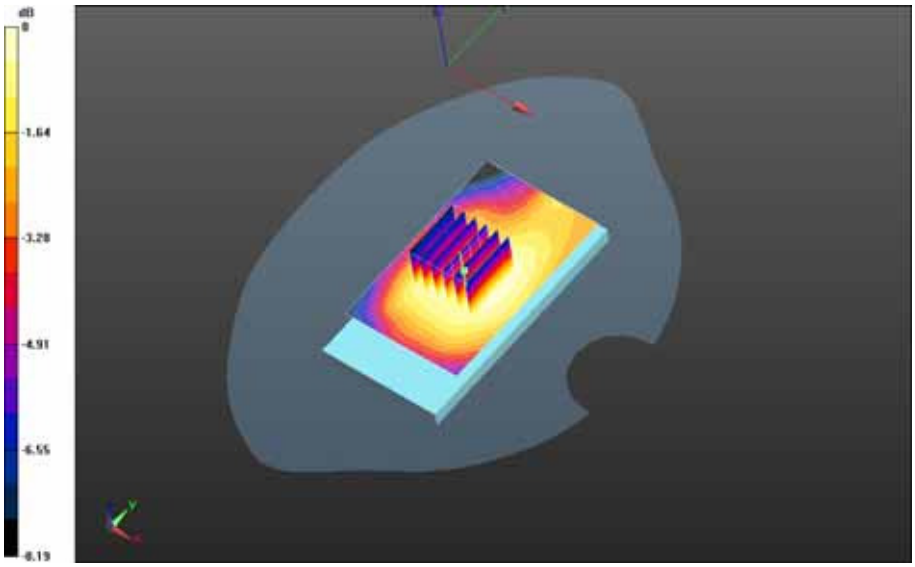
- Probe: ET3DV6 - SN1643; ConvF: (6.29,6.29,6.29); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE Band 13_slider closed/15mm Device Back - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.9C_liq_temp_22.8C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.057 V/m; **Power Drift = -0.032 dB**

Fast SAR: SAR(1g) = 0.289 W/kg; SAR(10g) = 0.204 W/kg
Maximum value of SAR (interpolated) = 0.307 W/kg

Body Worn MSL - LTE Band 13_slider closed/15mm Device Back - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.9C_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 = 18.057 V/m; **Power Drift = -0.032 dB**

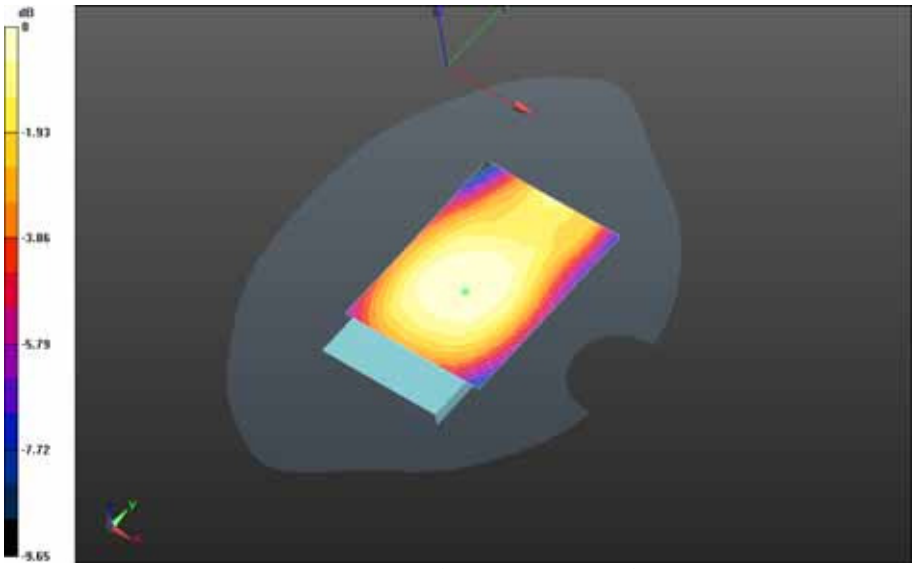
Averaged SAR: SAR(1g) = 0.298 W/kg; SAR(10g) = 0.231 W/kg
Maximum value of SAR (interpolated) = 0.364 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

Body Worn MSL - LTE Band 13_slider closed/15mm Device Back - LTE band 13_chan23230_10MHz_BW_RB25_Offset_High_amb_temp_24.0_liq_temp_22.8C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.251 V/m; **Power Drift = 0.144 dB**

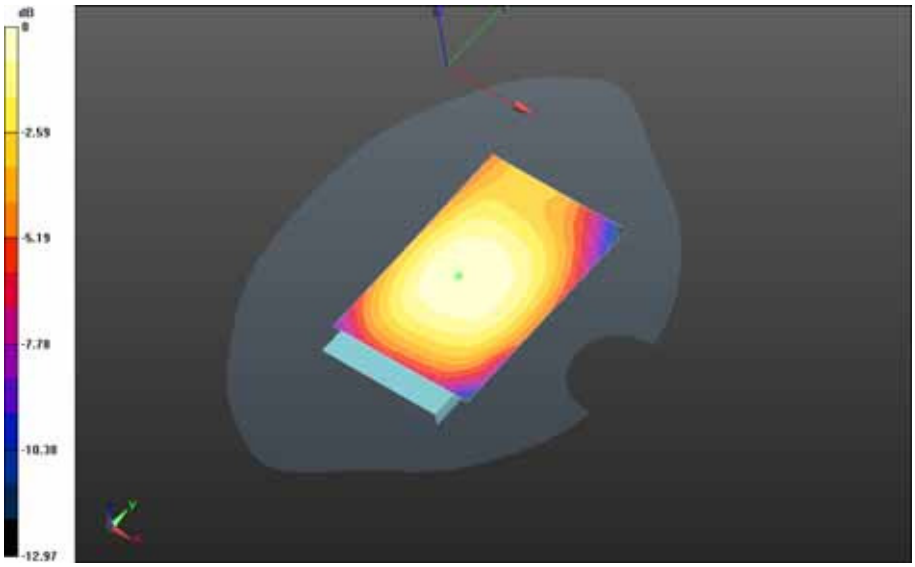
Fast SAR: SAR(1g) = 0.242 W/kg; SAR(10g) = 0.172 W/kg
Maximum value of SAR (interpolated) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

Body Worn MSL - LTE Band 13_slider closed/15mm Device Front - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.7C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.476 V/m; **Power Drift = -0.028 dB**

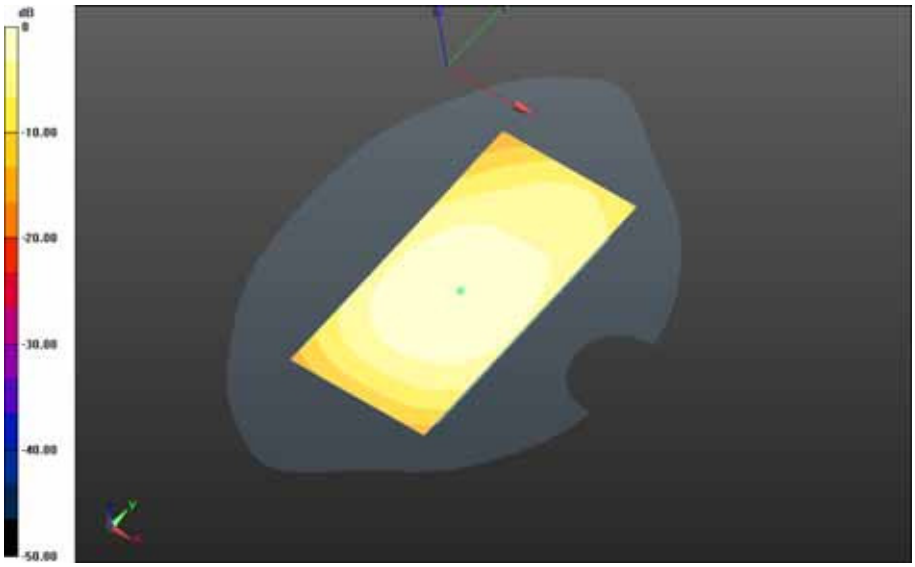
Fast SAR: SAR(1g) = 0.279 W/kg; SAR(10g) = 0.199 W/kg
Maximum value of SAR (interpolated) = 0.295 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg

Body Worn MSL - LTE Band 13_slider closed/Holster Device Back - LTE band 13_chan23230_10MHz_BW_RB1_Offset_Mid_amb_temp_23.9C_liq_temp_22.9C/Area Scan (121x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.669 V/m; **Power Drift = -0.110 dB**

Fast SAR: SAR(1g) = 0.280 W/kg; SAR(10g) = 0.198 W/kg
Maximum value of SAR (interpolated) = 0.297 W/kg



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

LTE Band 5

Date: 10/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Right-Hand-Side HSL - LTE band 5 - Slider Closed

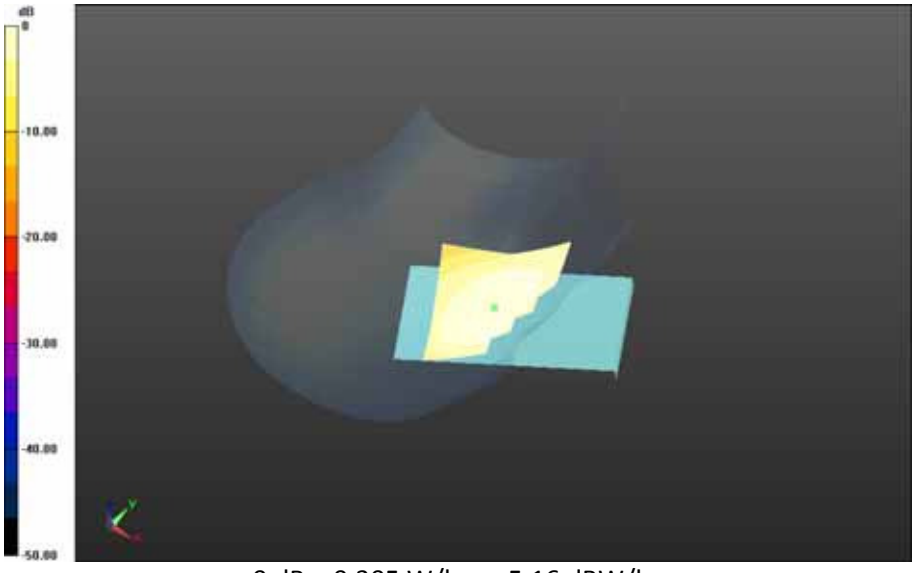
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 829 MHz
Medium Parameters used: f=829 MHz; σ = 0.892 S/m; ε_r = 40.583; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 5 - Slider Closed/Touch Position - LTE band 5_chan20450_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.3C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.629 V/m; **Power Drift = 0.072 dB**

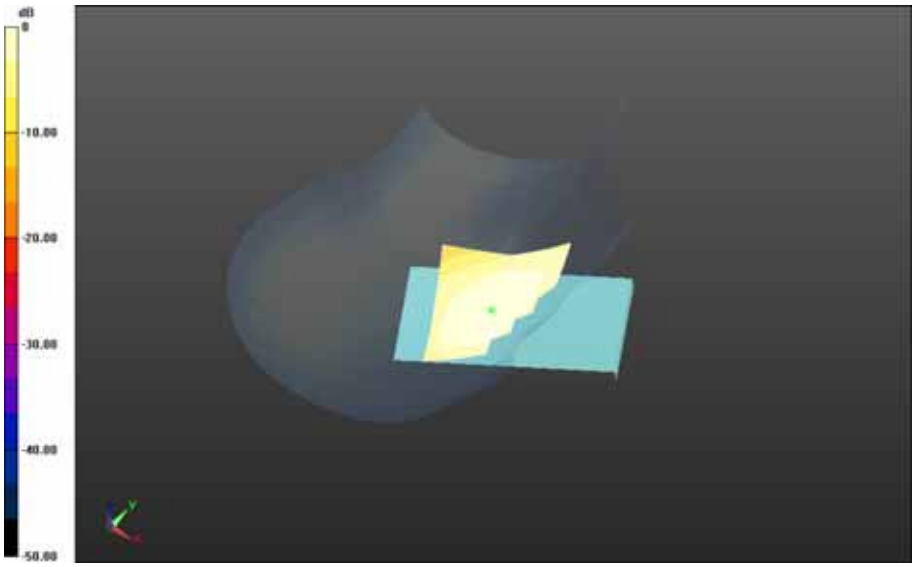
Fast SAR: SAR(1g) = 0.288 W/kg; SAR(10g) = 0.198 W/kg
Maximum value of SAR (interpolated) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.3C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.622 V/m; **Power Drift = 0.031 dB**

Fast SAR: SAR(1g) = 0.299 W/kg; SAR(10g) = 0.205 W/kg
Maximum value of SAR (interpolated) = 0.317 W/kg



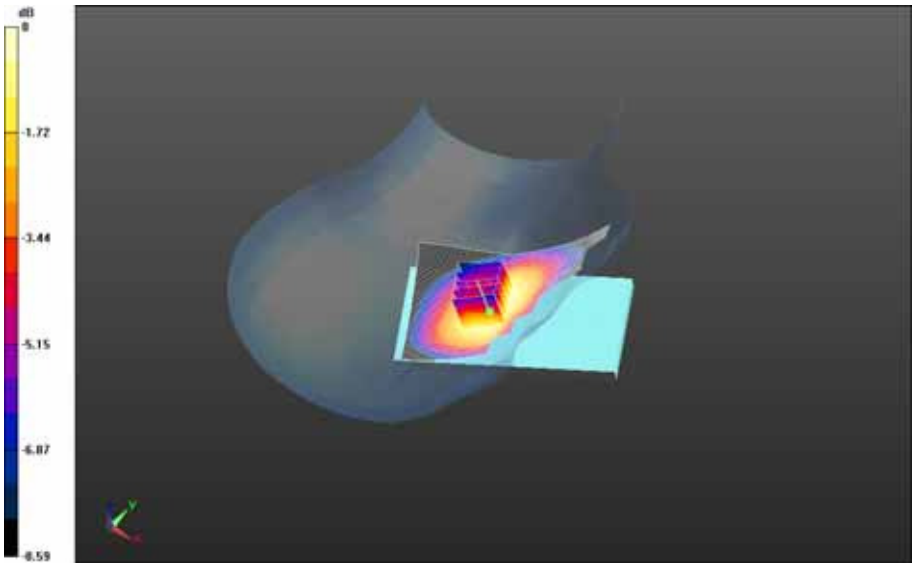
0 dB = 0.317 W/kg = -4.99 dBW/kg

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20600_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.3C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.551 V/m; **Power Drift = -0.034 dB**

Fast SAR: SAR(1g) = 0.311 W/kg; SAR(10g) = 0.213 W/kg
Maximum value of SAR (interpolated) = 0.331 W/kg

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20600_10MHz_BW_RB1_Offset_Mid_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 = 6.551 V/m; **Power Drift = -0.034 dB**

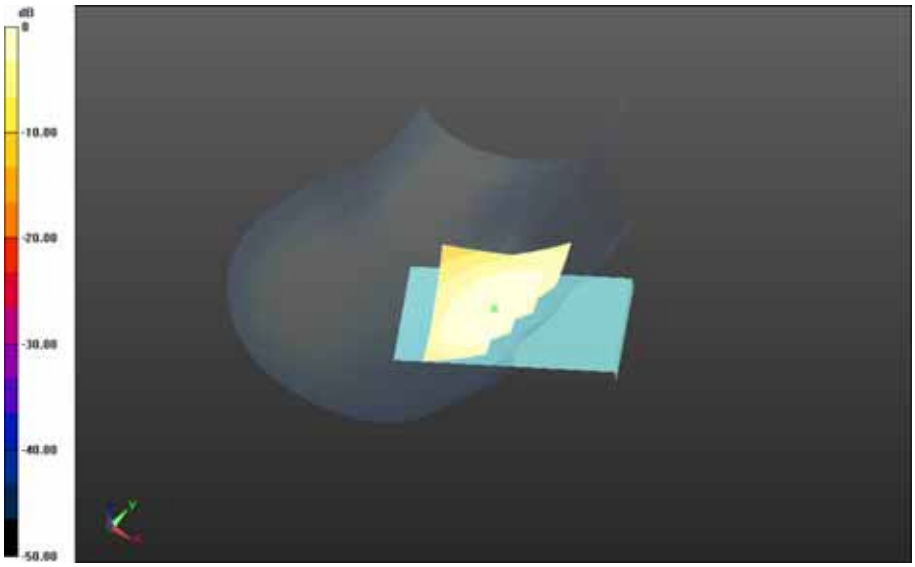
Averaged SAR: SAR(1g) = 0.313 W/kg; SAR(10g) = 0.244 W/kg
Maximum value of SAR (interpolated) = 0.362 W/kg



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

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20600_10MHz_BW_RB25_Offset_High_amb_temp_24.0C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.084 V/m; **Power Drift = -0.011 dB**

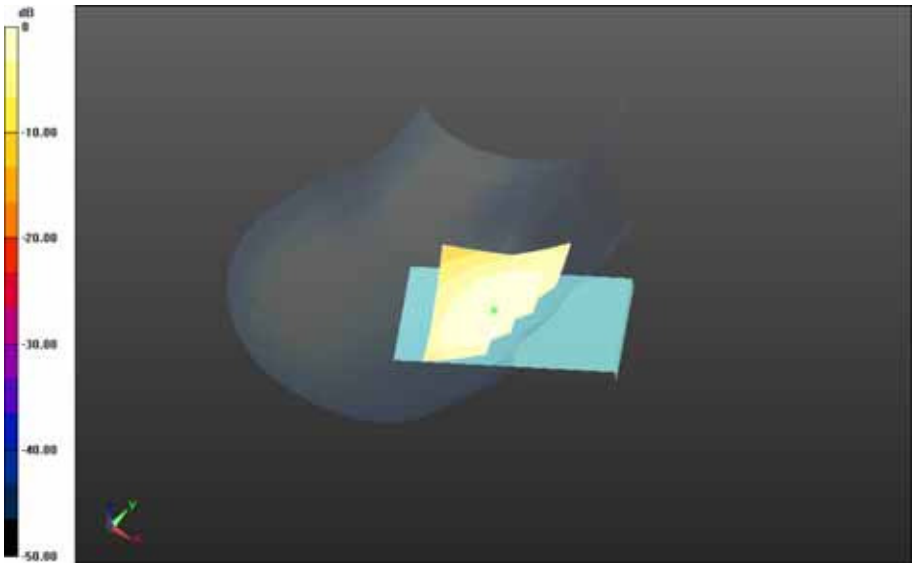
Fast SAR: SAR(1g) = 0.220 W/kg; SAR(10g) = 0.151 W/kg
Maximum value of SAR (interpolated) = 0.234 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20600_10MHz_BW_RB50_Offset_Low_amb_temp_23.9C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.977 V/m; **Power Drift = 0.088 dB**

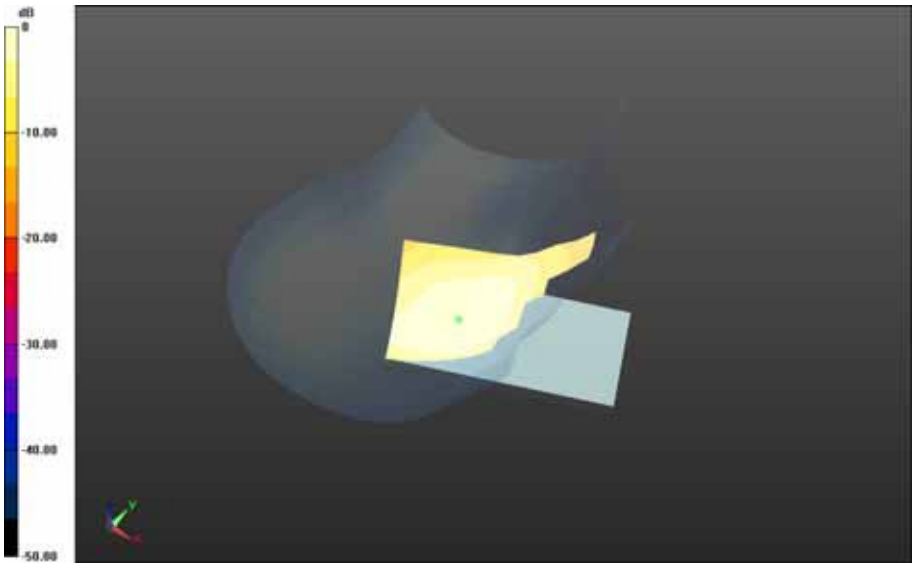
Fast SAR: SAR(1g) = 0.224 W/kg; SAR(10g) = 0.154 W/kg
Maximum value of SAR (interpolated) = 0.238 W/kg



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

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Tilt Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.491 V/m; **Power Drift = 0.165 dB**

Fast SAR: SAR(1g) = 0.177 W/kg; SAR(10g) = 0.123 W/kg
Maximum value of SAR (interpolated) = 0.186 W/kg



0 dB = 0.186 W/kg = -7.30 dBW/kg

Date: 10/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Left-Hand-Side HSL - LTE band 5 - Slider Closed

Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.898 S/m; ε_r = 40.426; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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)

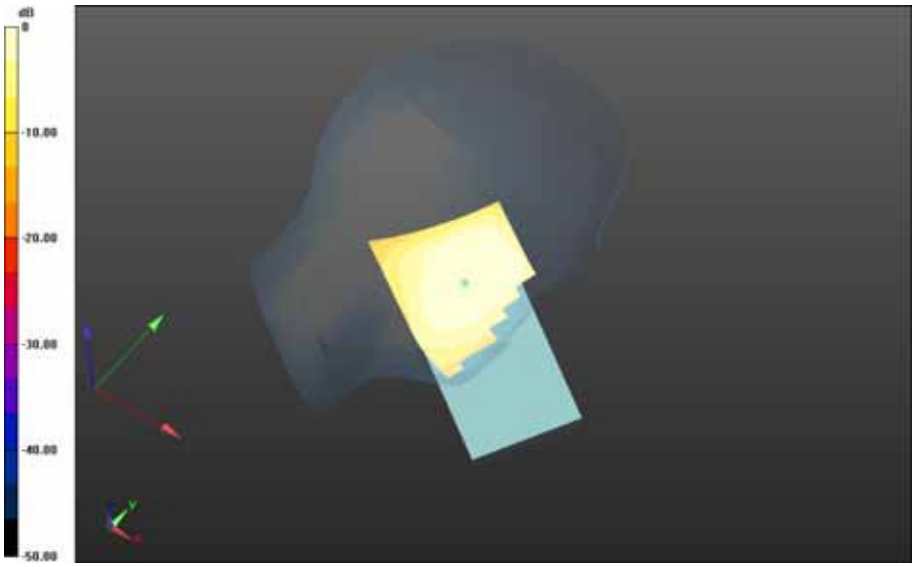
Left-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.590 V/m; **Power Drift = -0.034 dB**

Fast SAR: SAR(1g) = 0.256 W/kg; SAR(10g) = 0.173 W/kg
Maximum value of SAR (interpolated) = 0.276 W/kg

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

Left-Hand-Side HSL - LTE band 5 - Slider Closed/Tilt Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.188 V/m; **Power Drift = 0.092 dB**

Fast SAR: SAR(1g) = 0.139 W/kg; SAR(10g) = 0.0963 W/kg
Maximum value of SAR (interpolated) = 0.149 W/kg



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

Date: 10/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Right-Hand-Side HSL - LTE band 5 - Slider Open

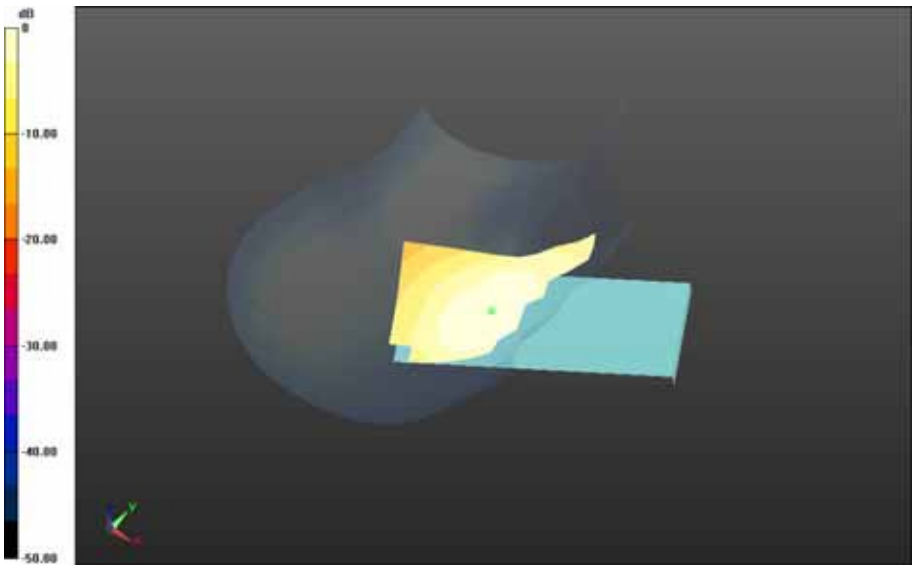
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.898 S/m; ε_r = 40.426; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 5 - Slider Open/Touch Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.880 V/m; **Power Drift = -0.056 dB**

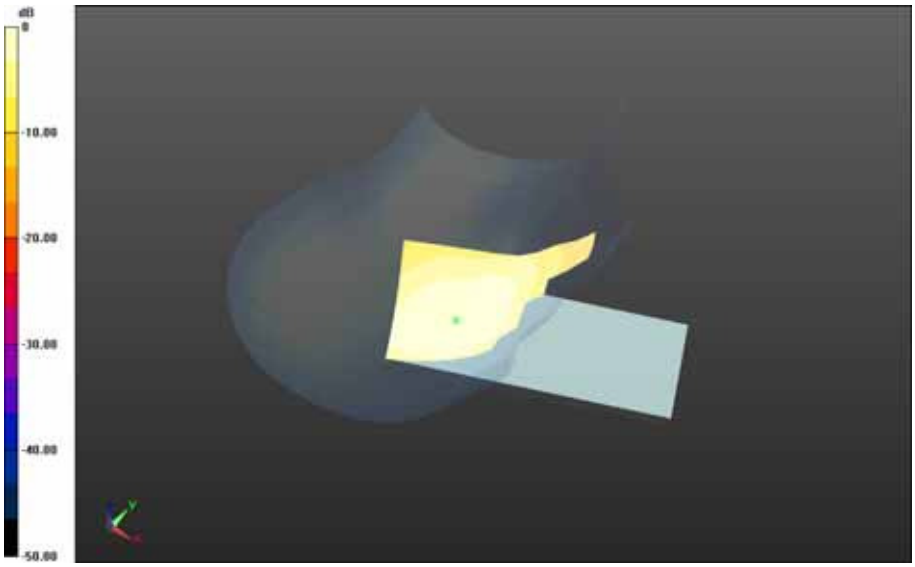
Fast SAR: SAR(1g) = 0.201 W/kg; SAR(10g) = 0.139 W/kg
Maximum value of SAR (interpolated) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

Right-Hand-Side HSL - LTE band 5 - Slider Open/Tilt Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.966 V/m; **Power Drift = 0.123 dB**

Fast SAR: SAR(1g) = 0.113 W/kg; SAR(10g) = 0.0788 W/kg
Maximum value of SAR (interpolated) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

Date: 10/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Left-Hand-Side HSL - LTE band 5 - Slider Open

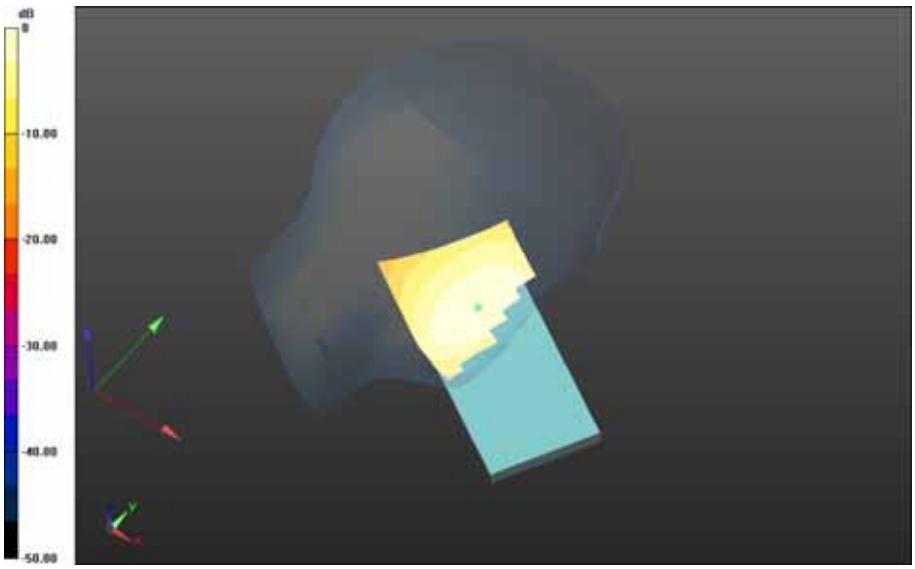
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.898 S/m; ε_r = 40.426; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 5 - Slider Open/Touch Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.685 V/m; **Power Drift = -0.031 dB**

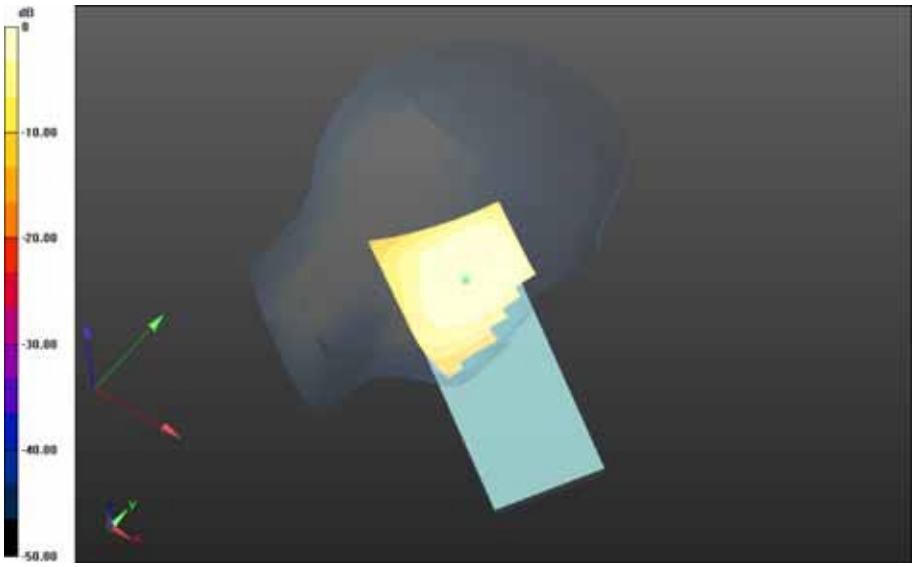
Fast SAR: SAR(1g) = 0.172 W/kg; SAR(10g) = 0.117 W/kg
Maximum value of SAR (interpolated) = 0.185 W/kg



0 dB = 0.185 W/kg = -7.33 dBW/kg

Left-Hand-Side HSL - LTE band 5 - Slider Open/Tilt Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.748 V/m; **Power Drift = 0.028 dB**

Fast SAR: SAR(1g) = 0.105 W/kg; SAR(10g) = 0.0724 W/kg
Maximum value of SAR (interpolated) = 0.112 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg

Date: 10/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Mobile Hot Spot MSL - LTE band 5 - Slider Closed

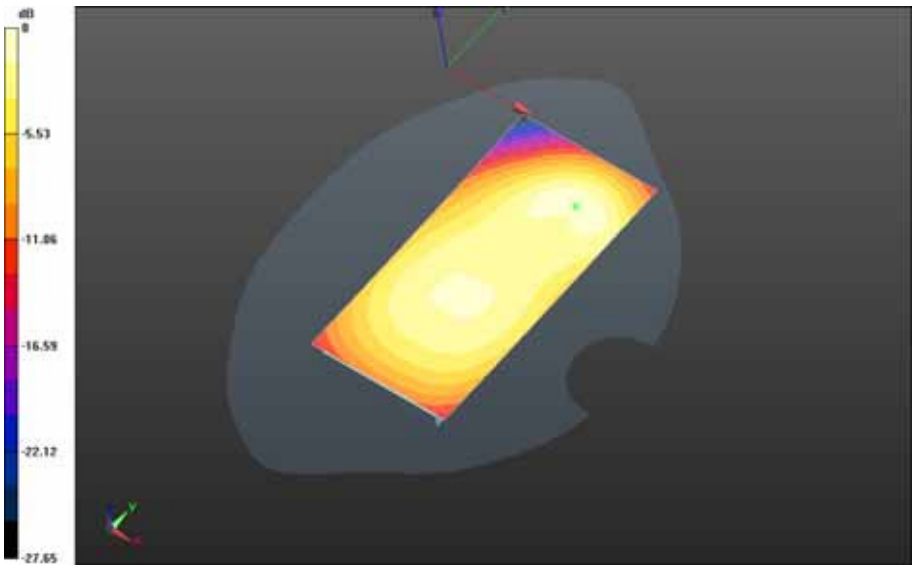
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.994 S/m; ε_r = 53.138; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 5 - Slider Closed/10mm Device Back - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_22.5C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.493 V/m; **Power Drift = -0.172 dB**

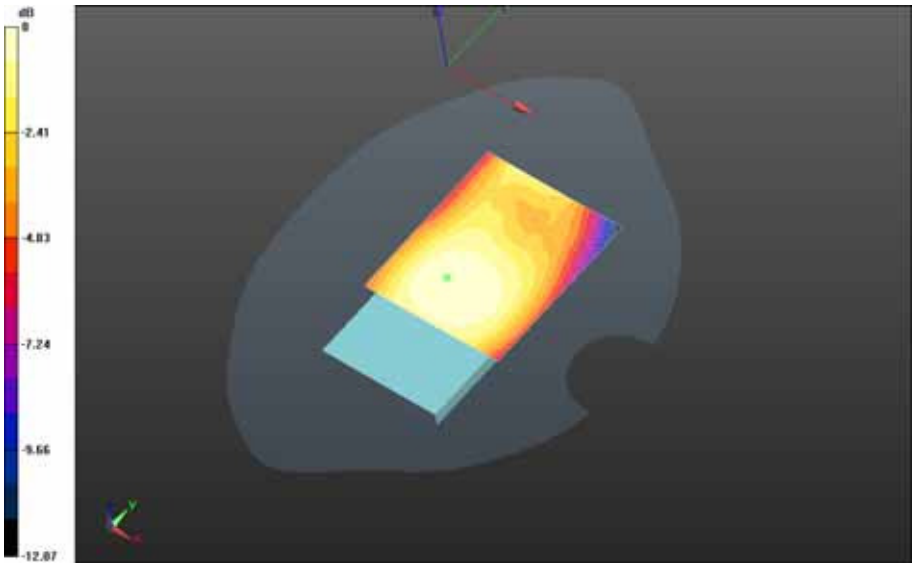
Fast SAR: SAR(1g) = 0.351 W/kg; SAR(10g) = 0.221 W/kg
Maximum value of SAR (interpolated) = 0.394 W/kg



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

Mobile Hot Spot MSL - LTE band 5 - Slider Closed/10mm Device Front - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.563 V/m; **Power Drift = -0.00818 dB**

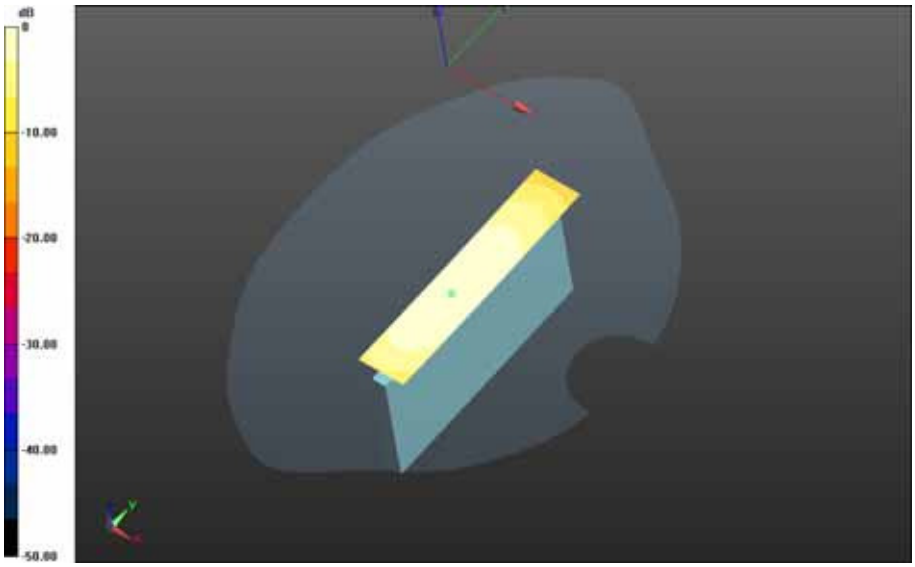
Fast SAR: SAR(1g) = 0.304 W/kg; SAR(10g) = 0.214 W/kg
Maximum value of SAR (interpolated) = 0.321 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Closed/10mm Device Left - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.501 V/m; **Power Drift = -0.039 dB**

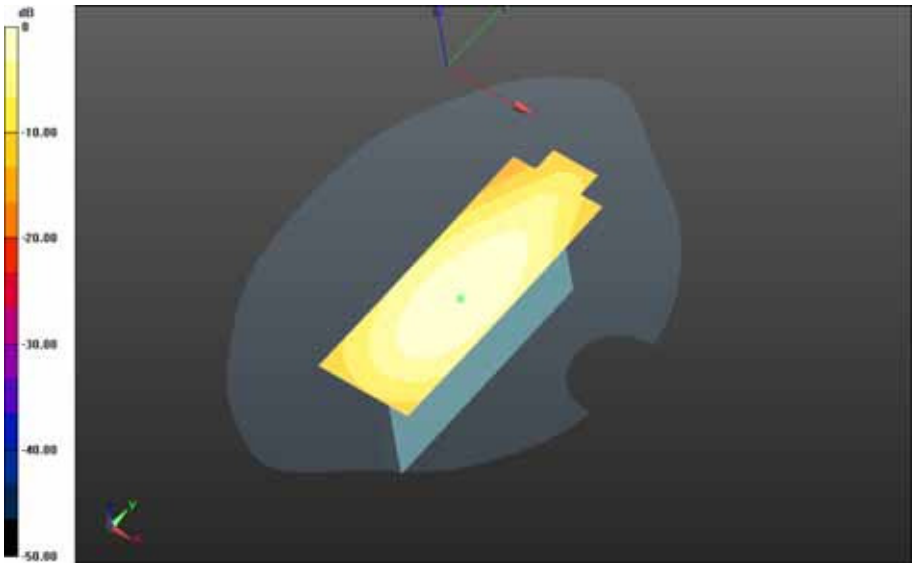
Fast SAR: SAR(1g) = 0.186 W/kg; SAR(10g) = 0.127 W/kg
Maximum value of SAR (interpolated) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Closed/10mm Device Right - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.968 V/m; **Power Drift = 0.037 dB**

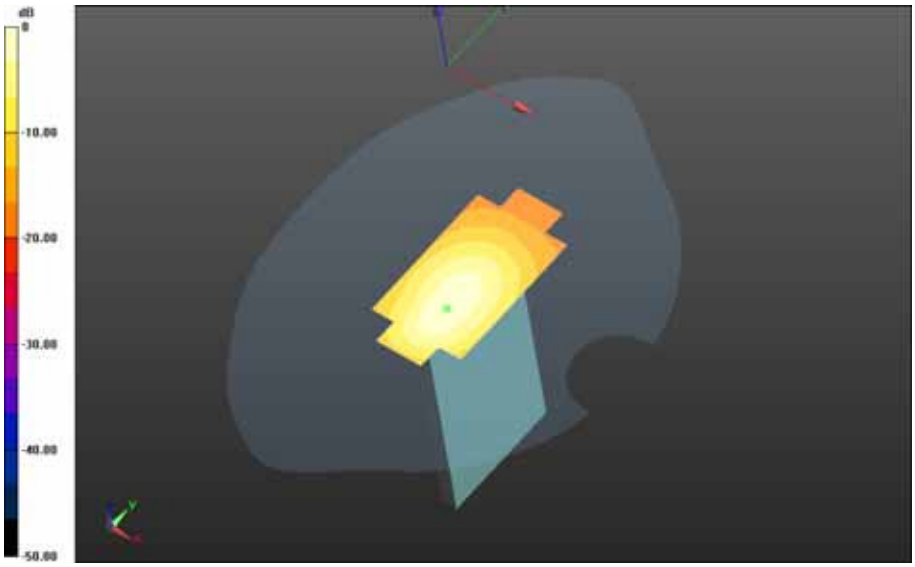
Fast SAR: SAR(1g) = 0.354 W/kg; SAR(10g) = 0.241 W/kg
Maximum value of SAR (interpolated) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Closed/10mm Device Bottom - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.520 V/m; **Power Drift = -0.170 dB**

Fast SAR: SAR(1g) = 0.349 W/kg; SAR(10g) = 0.209 W/kg
Maximum value of SAR (interpolated) = 0.395 W/kg



0 dB = 0.395 W/kg = -4.03 dBW/kg

Date: 10/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Mobile Hot Spot MSL - LTE band 5 - Slider Open

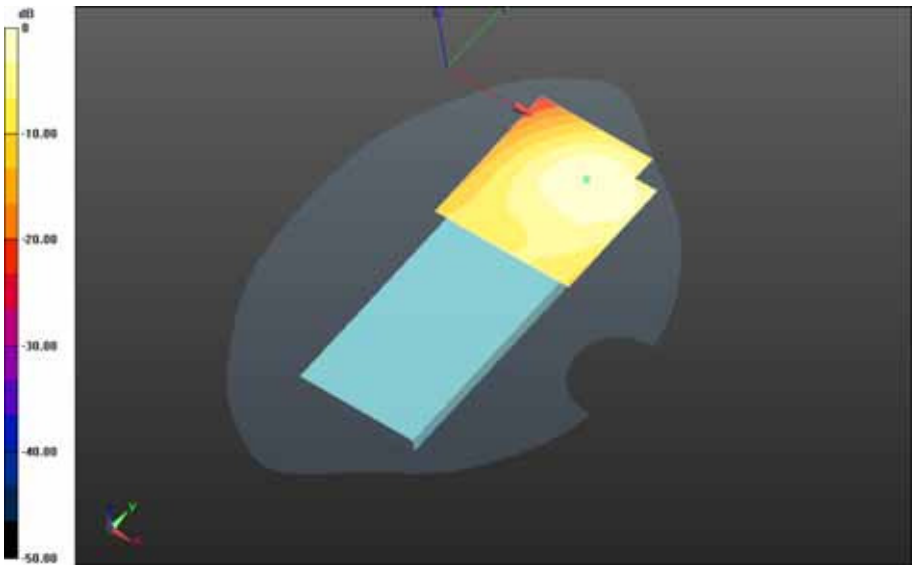
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 829 MHz
Medium Parameters used: f=829 MHz; σ = 0.985 S/m; ε_r = 53.452; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 5 - Slider Open/10mm Device Back - LTE band 5_chan20450_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.851 V/m; **Power Drift = -0.033 dB**

Fast SAR: SAR(1g) = 0.470 W/kg; SAR(10g) = 0.306 W/kg
Maximum value of SAR (interpolated) = 0.510 W/kg



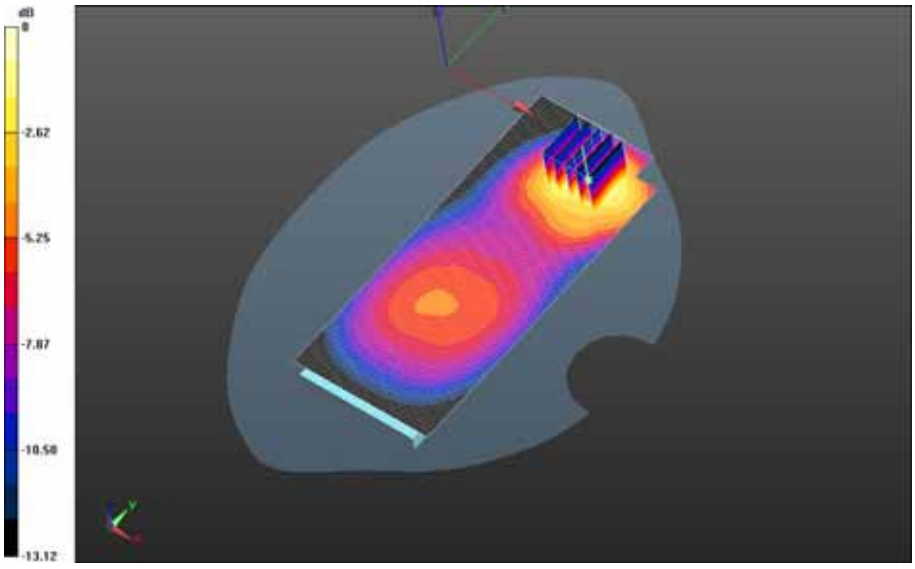
0 dB = 0.510 W/kg = -2.92 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Back - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.8C/Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.368 V/m; **Power Drift = 0.00144 dB**

Fast SAR: SAR(1g) = 0.479 W/kg; SAR(10g) = 0.311 W/kg
Maximum value of SAR (interpolated) = 0.521 W/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Back - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_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 = 13.368 V/m; **Power Drift = 0.00144 dB**

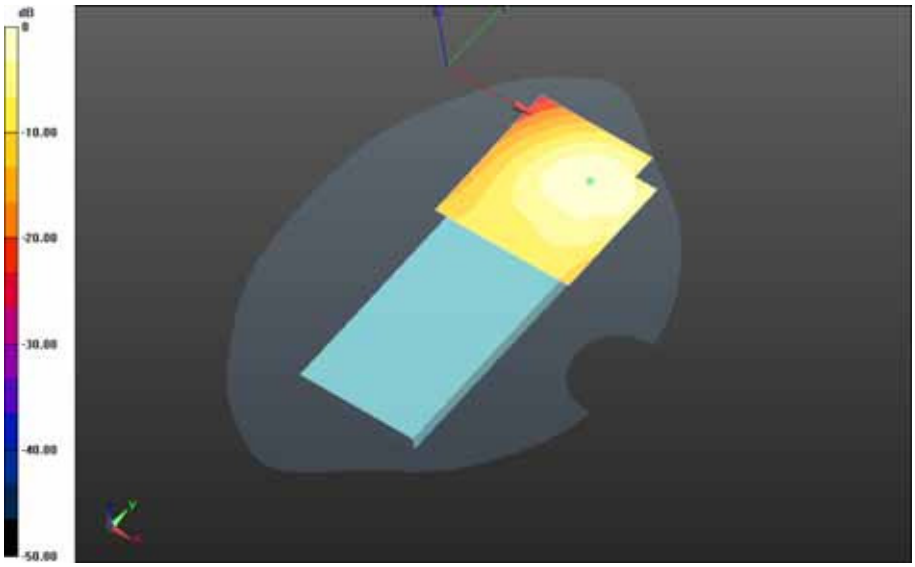
Averaged SAR: SAR(1g) = 0.512 W/kg; SAR(10g) = 0.290 W/kg
Maximum value of SAR (interpolated) = 0.909 W/kg



0 dB = 0.573 W/kg = -2.42 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Back - LTE band 5_chan20600_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.403 V/m; **Power Drift = 0.015 dB**

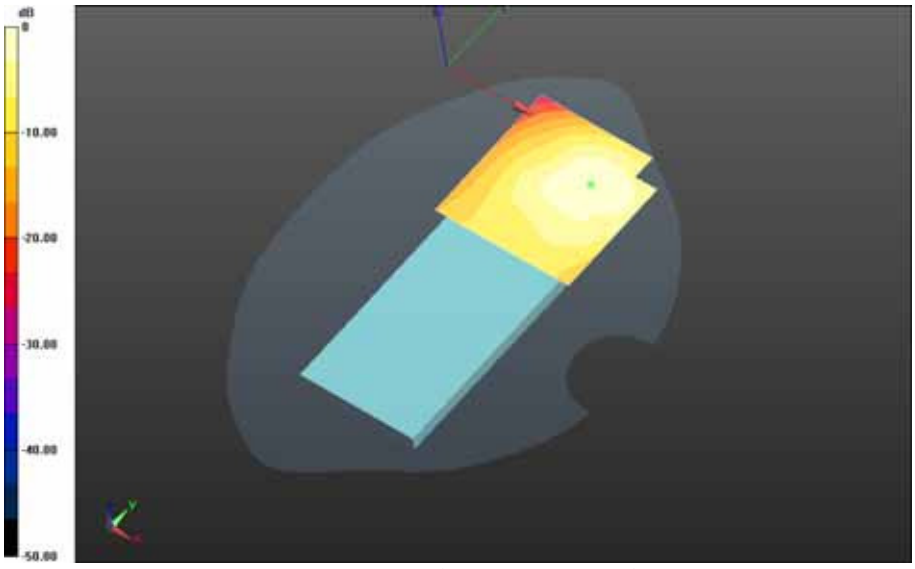
Fast SAR: SAR(1g) = 0.407 W/kg; SAR(10g) = 0.262 W/kg
Maximum value of SAR (interpolated) = 0.443 W/kg



0 dB = 0.443 W/kg = -3.54 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Back - LTE band 5_chan20600_10MHz_BW_RB25_Offset_High_amb_temp_23.8C_liq_temp_22.8C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.299 V/m; **Power Drift = 0.00117 dB**

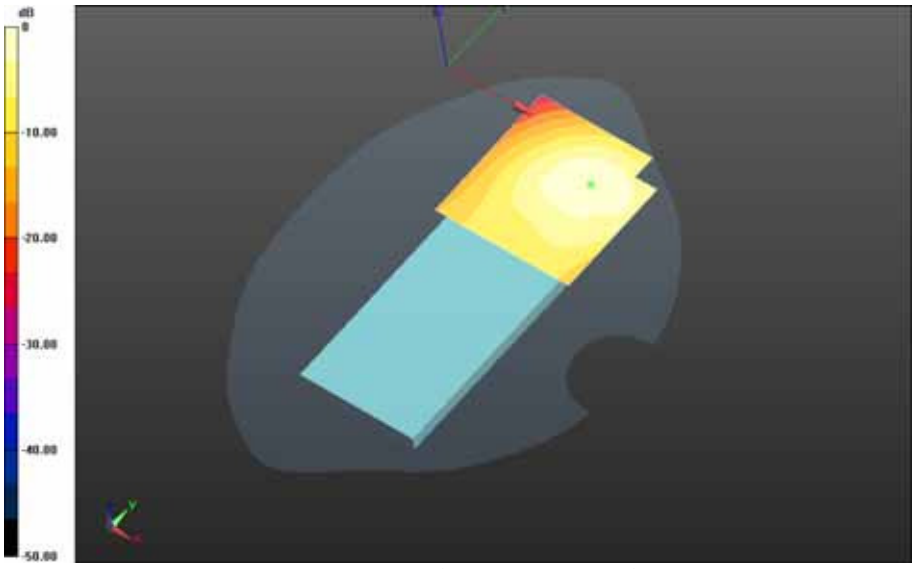
Fast SAR: SAR(1g) = 0.415 W/kg; SAR(10g) = 0.264 W/kg
Maximum value of SAR (interpolated) = 0.457 W/kg



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

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Back - LTE band 5_chan20600_10MHz_BW_RB50_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 = 11.106 V/m; **Power Drift = 0.024 dB**

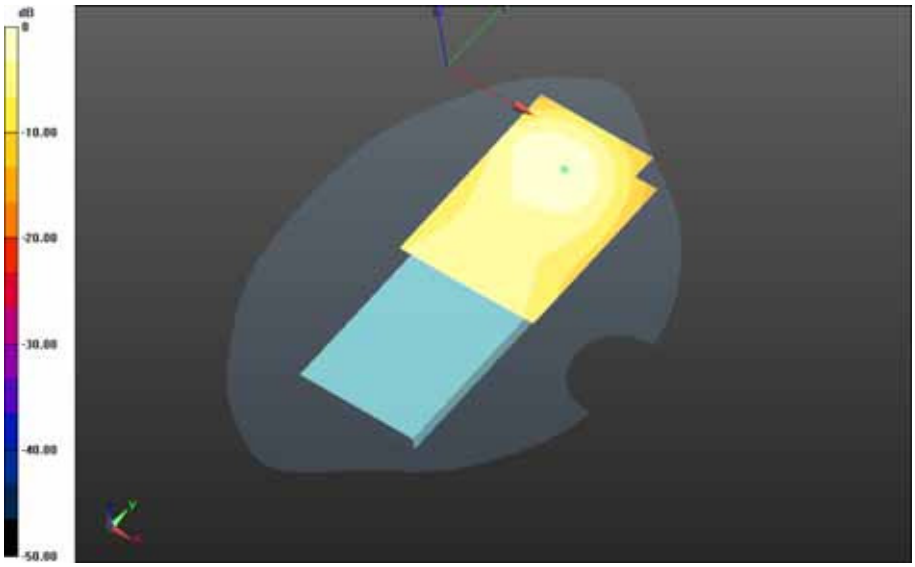
Fast SAR: SAR(1g) = 0.427 W/kg; SAR(10g) = 0.269 W/kg
Maximum value of SAR (interpolated) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Front - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.382 V/m; **Power Drift = 0.129 dB**

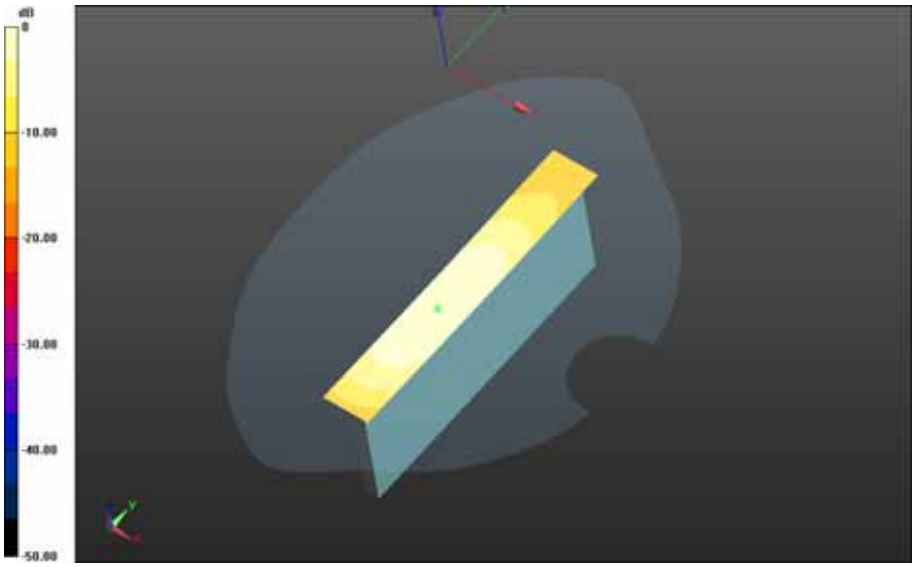
Fast SAR: SAR(1g) = 0.338 W/kg; SAR(10g) = 0.218 W/kg
Maximum value of SAR (interpolated) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Left - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.936 V/m; **Power Drift = -0.016 dB**

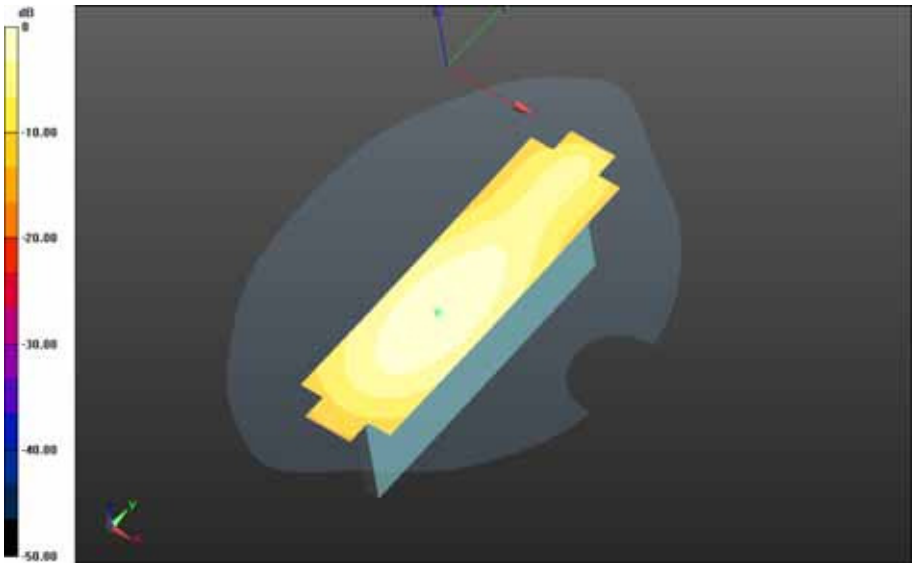
Fast SAR: SAR(1g) = 0.0934 W/kg; SAR(10g) = 0.0633 W/kg
Maximum value of SAR (interpolated) = 0.0994 W/kg



0 dB = 0.0994 W/kg = -10.03 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Right - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.473 V/m; **Power Drift = 0.036 dB**

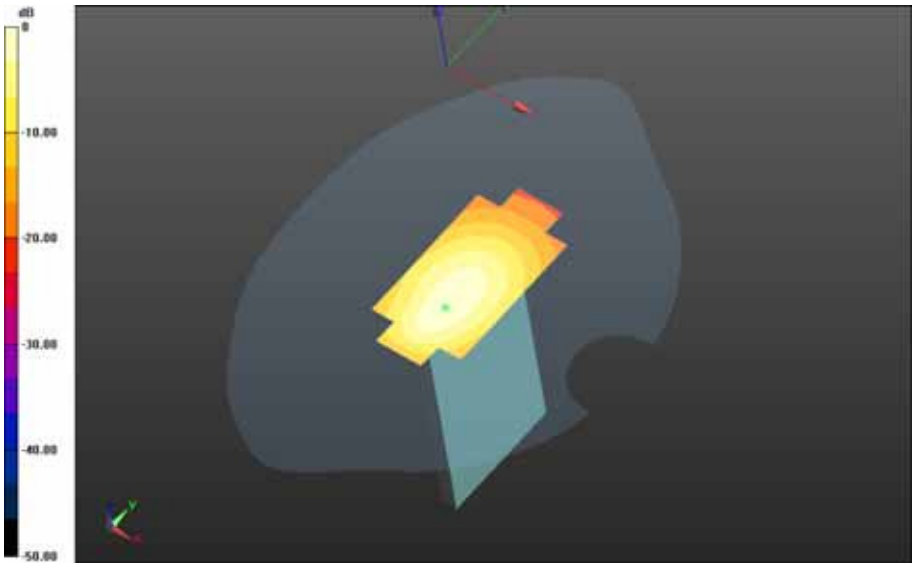
Fast SAR: SAR(1g) = 0.237 W/kg; SAR(10g) = 0.160 W/kg
Maximum value of SAR (interpolated) = 0.254 W/kg



0 dB = 0.254 W/kg = -5.95 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Bottom - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.024 V/m; **Power Drift = 0.00329 dB**

Fast SAR: SAR(1g) = 0.419 W/kg; SAR(10g) = 0.254 W/kg
Maximum value of SAR (interpolated) = 0.469 W/kg



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

Date: 10/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Body Worn MSL - LTE band 5 - Slider Closed

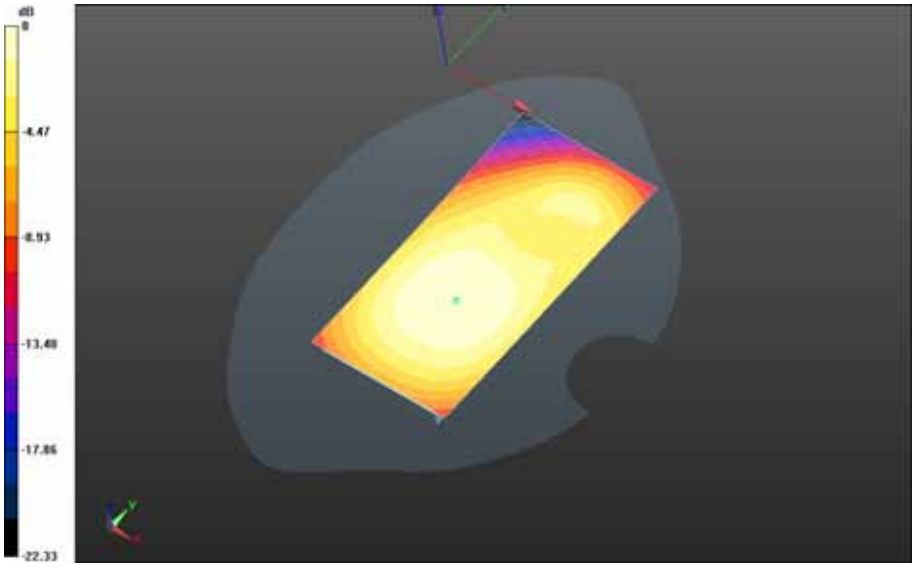
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.994 S/m; ε_r = 53.138; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 5 - Slider Closed/15mm Device Back - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.310 V/m; **Power Drift = 0.019 dB**

Fast SAR: SAR(1g) = 0.244 W/kg; SAR(10g) = 0.174 W/kg
Maximum value of SAR (interpolated) = 0.257 W/kg



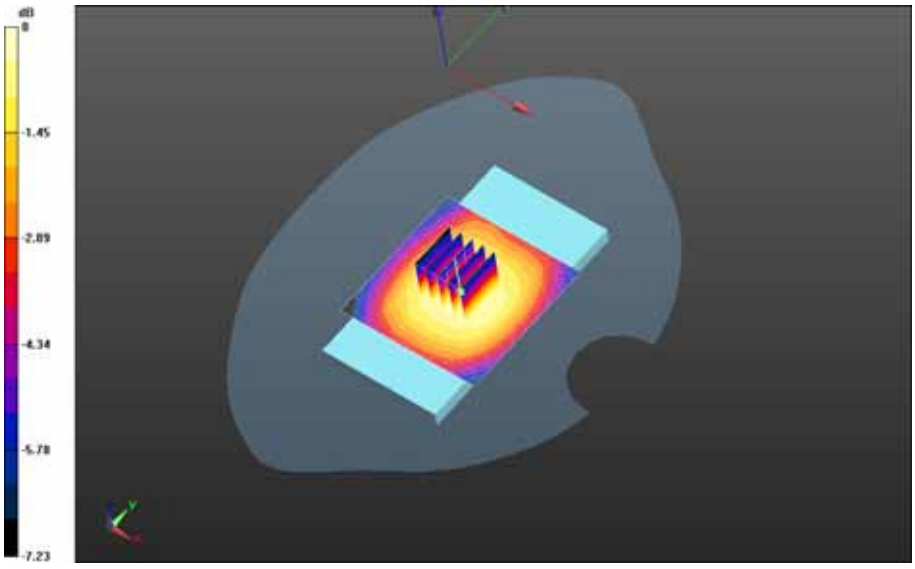
0 dB = 0.257 W/kg = -5.90 dBW/kg

Body Worn MSL - LTE band 5 - Slider Closed/15mm Device Front - LTE band 5_chan20450_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.570 V/m; **Power Drift = 0.042 dB**

Fast SAR: SAR(1g) = 0.298 W/kg; SAR(10g) = 0.211 W/kg
Maximum value of SAR (interpolated) = 0.315 W/kg

Body Worn MSL - LTE band 5 - Slider Closed/15mm Device Front - LTE band 5_chan20450_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_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 = 18.570 V/m; **Power Drift = 0.042 dB**

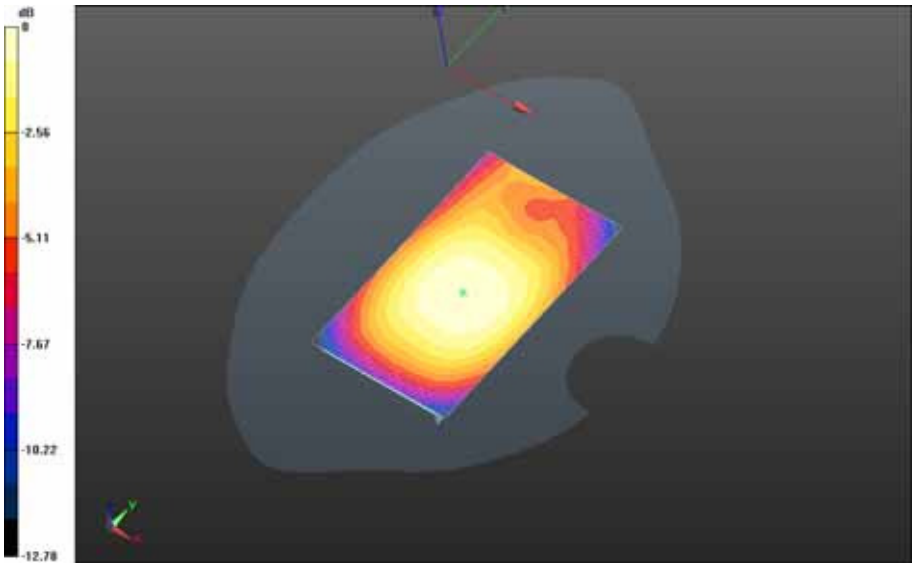
Averaged SAR: SAR(1g) = 0.315 W/kg; SAR(10g) = 0.246 W/kg
Maximum value of SAR (interpolated) = 0.376 W/kg



0 dB = 0.331 W/kg = -4.80 dBW/kg

Body Worn MSL - LTE band 5 - Slider Closed/15mm Device Front - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.6C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.131 V/m; **Power Drift = 0.010 dB**

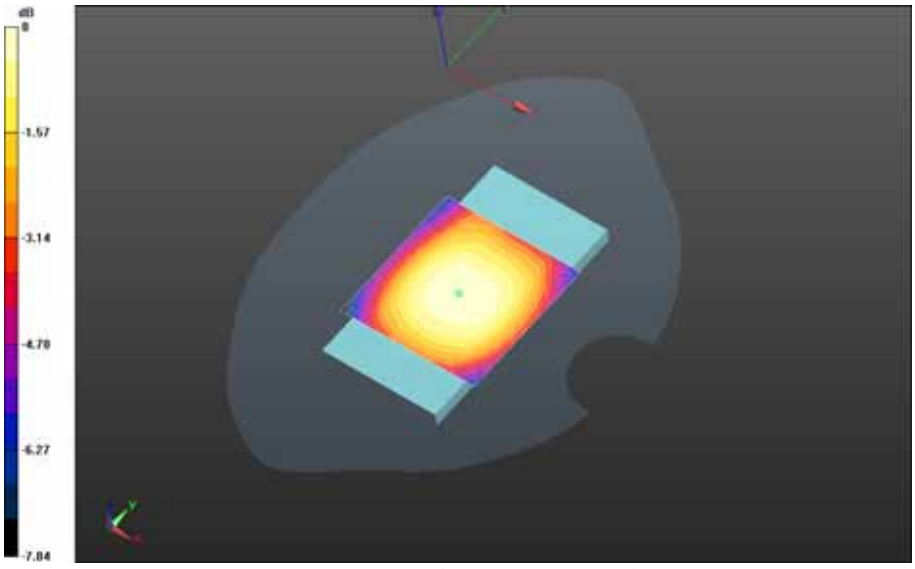
Fast SAR: SAR(1g) = 0.290 W/kg; SAR(10g) = 0.205 W/kg
Maximum value of SAR (interpolated) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

Body Worn MSL - LTE band 5 - Slider Closed/15mm Device Front - LTE band 5_chan20600_10MHz_BW_RB1_Offset_Mid_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.184 V/m; **Power Drift = -0.035 dB**

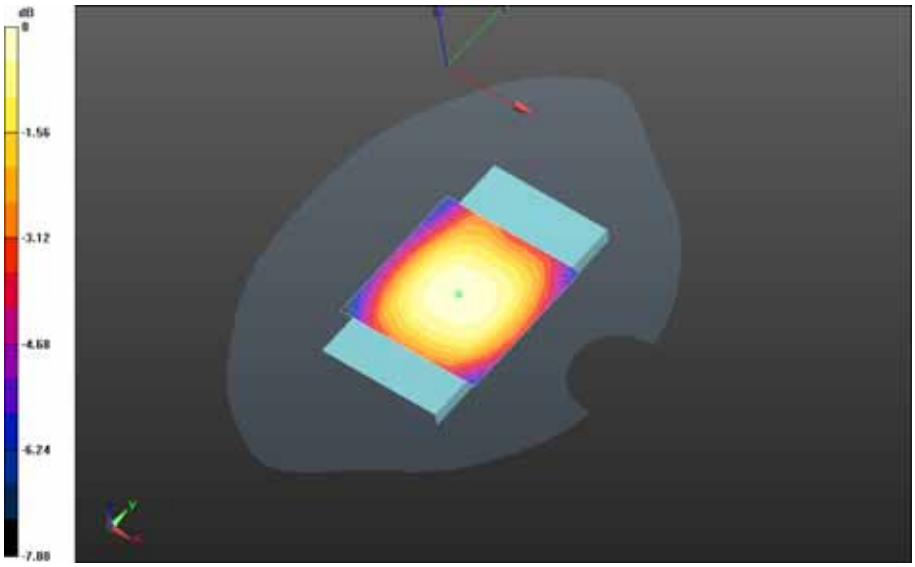
Fast SAR: SAR(1g) = 0.262 W/kg; SAR(10g) = 0.186 W/kg
Maximum value of SAR (interpolated) = 0.276 W/kg



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

Body Worn MSL - LTE band 5 - Slider Closed/15mm Device Front - LTE band 5_chan20600_10MHz_BW_RB25_Offset_High_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.469 V/m; **Power Drift = -0.00291 dB**

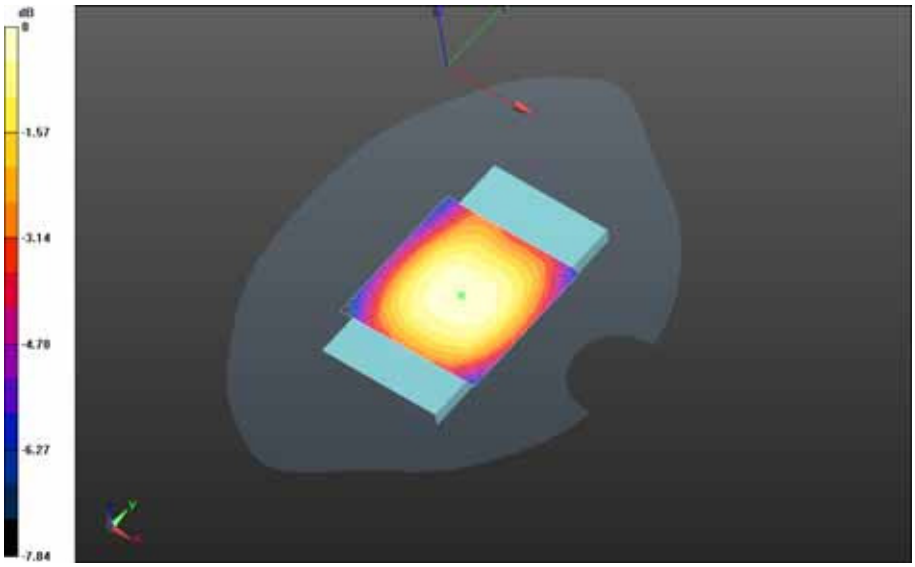
Fast SAR: SAR(1g) = 0.213 W/kg; SAR(10g) = 0.151 W/kg
Maximum value of SAR (interpolated) = 0.225 W/kg



0 dB = 0.225 W/kg = -6.48 dBW/kg

Body Worn MSL - LTE band 5 - Slider Closed/15mm Device Front - LTE band 5_chan20600_10MHz_BW_RB50_Offset_Low_amb_temp_23.9C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.542 V/m; **Power Drift = 0.044 dB**

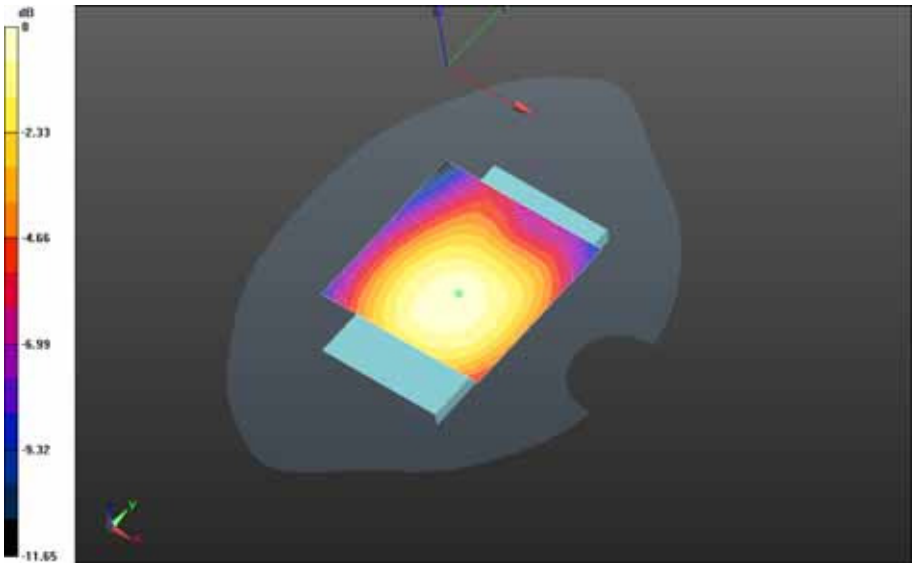
Fast SAR: SAR(1g) = 0.216 W/kg; SAR(10g) = 0.153 W/kg
Maximum value of SAR (interpolated) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

Body Worn MSL - LTE band 5 - Slider Closed/Holster Device Front - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.234 V/m; **Power Drift = -0.054 dB**

Fast SAR: SAR(1g) = 0.230 W/kg; SAR(10g) = 0.161 W/kg
Maximum value of SAR (interpolated) = 0.245 W/kg



0 dB = 0.245 W/kg = -6.11 dBW/kg

GSM 850

Date: 10/07/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed

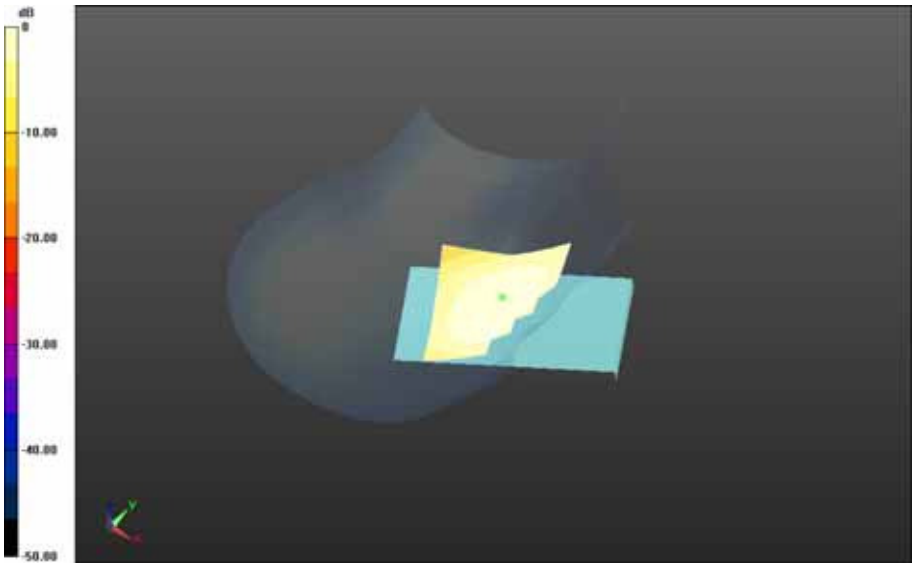
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.875 S/m; ε_r = 41.842; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-Slot_chan128_amb_temp_23.8C_liq_temp_22.4C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.076 V/m; **Power Drift = -0.012 dB**

Fast SAR: SAR(1g) = 0.258 W/kg; SAR(10g) = 0.174 W/kg
Maximum value of SAR (interpolated) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-Slot_chan190_amb_temp_24.1C_liq_temp_22.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.519 V/m; **Power Drift = -0.073 dB**

Fast SAR: SAR(1g) = 0.318 W/kg; SAR(10g) = 0.217 W/kg
Maximum value of SAR (interpolated) = 0.333 W/kg

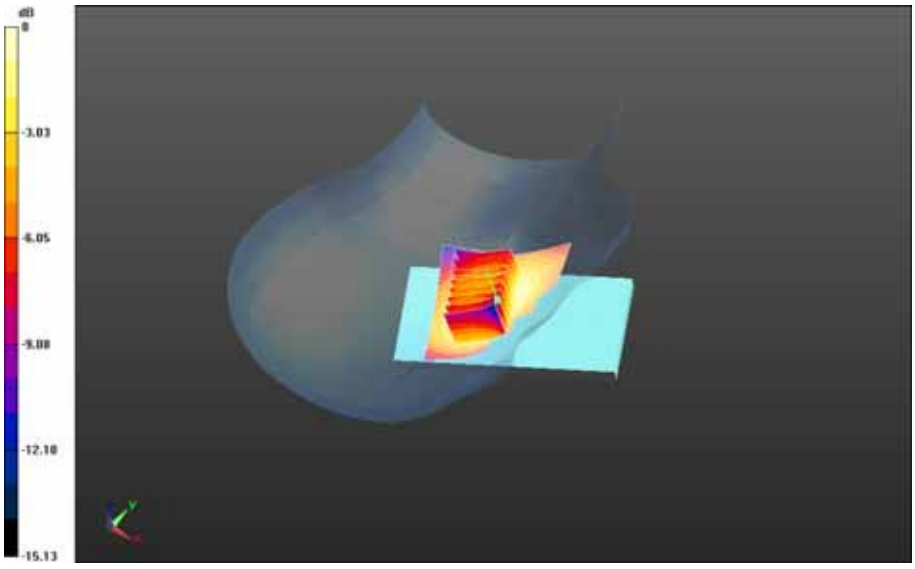
0 dB = 0.333 W/kg = -4.78 dBW/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-Slot_chan251_amb_temp_23.9C_liq_temp_22.3C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.726 V/m; **Power Drift = -0.143 dB**

Fast SAR: SAR(1g) = 0.421 W/kg; SAR(10g) = 0.286 W/kg
Maximum value of SAR (interpolated) = 0.442 W/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-Slot_chan251_amb_temp_23.9C_liq_temp_22.3C/Zoom Scan (36x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.726 V/m; **Power Drift = -0.143 dB**

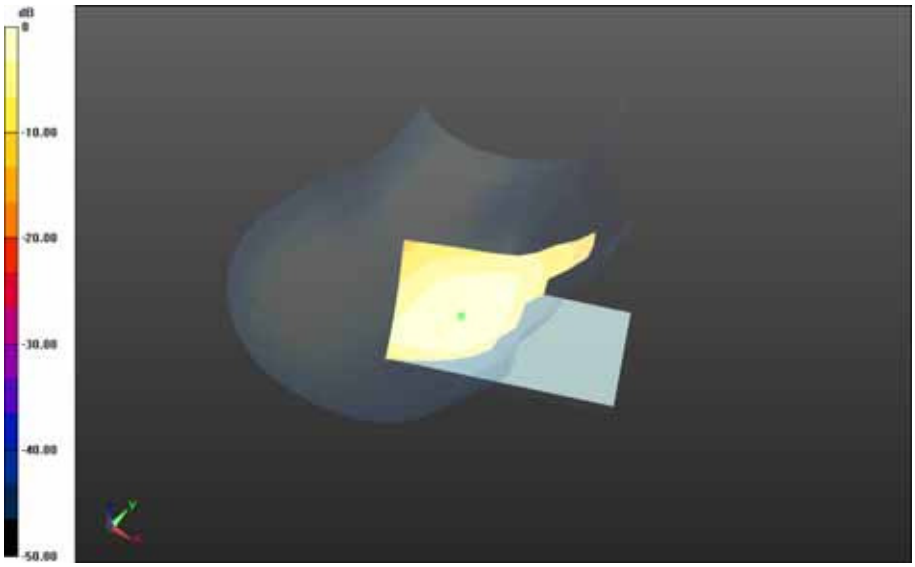
Averaged SAR: SAR(1g) = 0.417 W/kg; SAR(10g) = 0.321 W/kg
Maximum value of SAR (interpolated) = 0.501 W/kg



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

Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Tilt Position - DTM 850_3-Slot_chan190_amb_temp_23.7C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.070 V/m; **Power Drift = 0.065 dB**

Fast SAR: SAR(1g) = 0.174 W/kg; SAR(10g) = 0.121 W/kg
Maximum value of SAR (interpolated) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

Date: 10/07/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Left-Hand-Side HSL - DTM_GSM 850 - Slider Closed

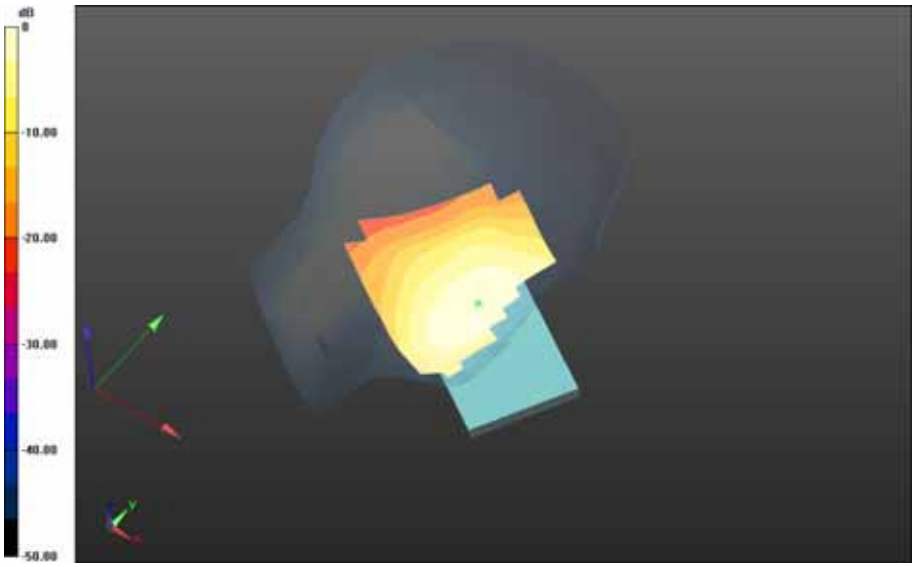
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.887 S/m; ε_r = 41.713; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.5C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.962 V/m; **Power Drift = 0.090 dB**

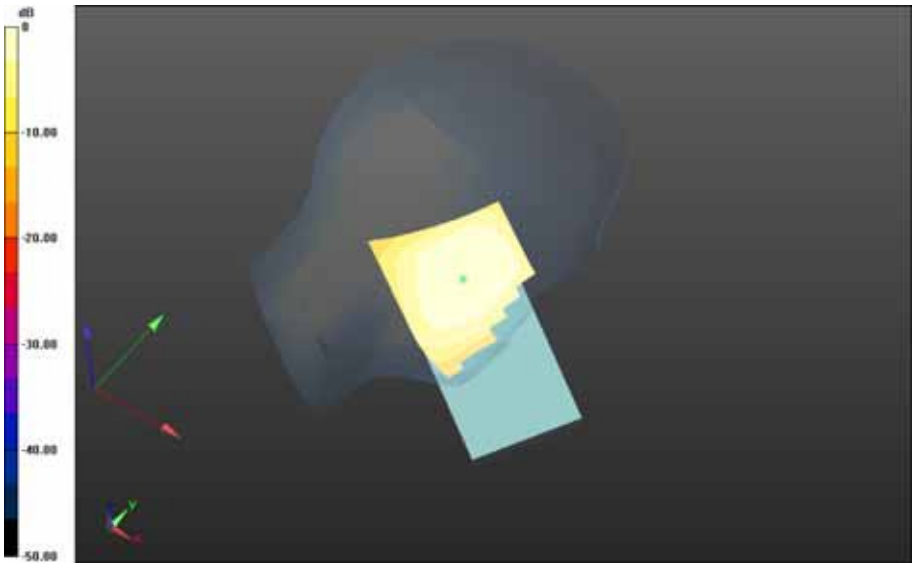
Fast SAR: SAR(1g) = 0.266 W/kg; SAR(10g) = 0.181 W/kg
Maximum value of SAR (interpolated) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

Left-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Tilt Position - DTM 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.420 V/m; **Power Drift = 0.015 dB**

Fast SAR: SAR(1g) = 0.180 W/kg; SAR(10g) = 0.124 W/kg
Maximum value of SAR (interpolated) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

Date: 10/07/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Right-Hand-Side HSL - DTM_GSM 850 - Slider Open

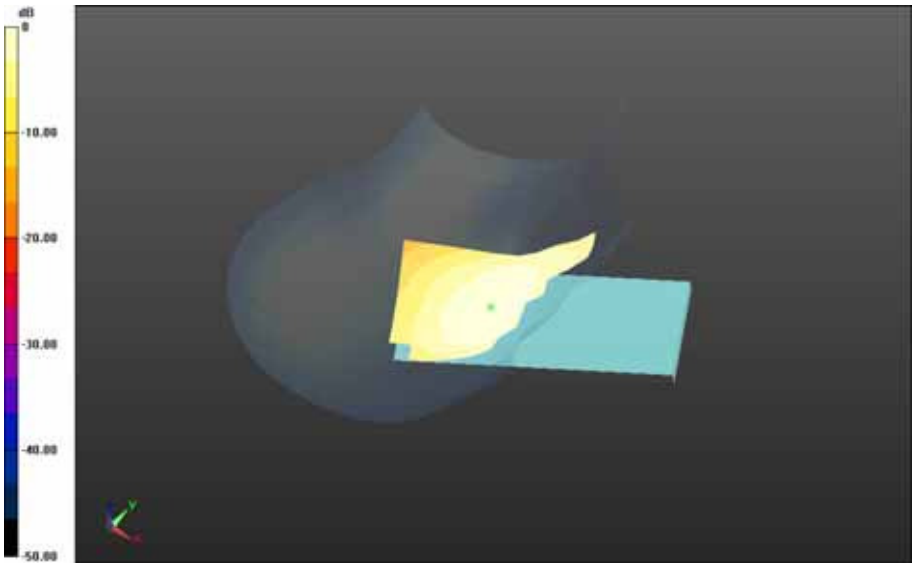
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.887 S/m; ε_r = 41.713; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - DTM_GSM 850 - Slider Open/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.7C_liq_temp_23.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.144 V/m; **Power Drift = -0.016 dB**

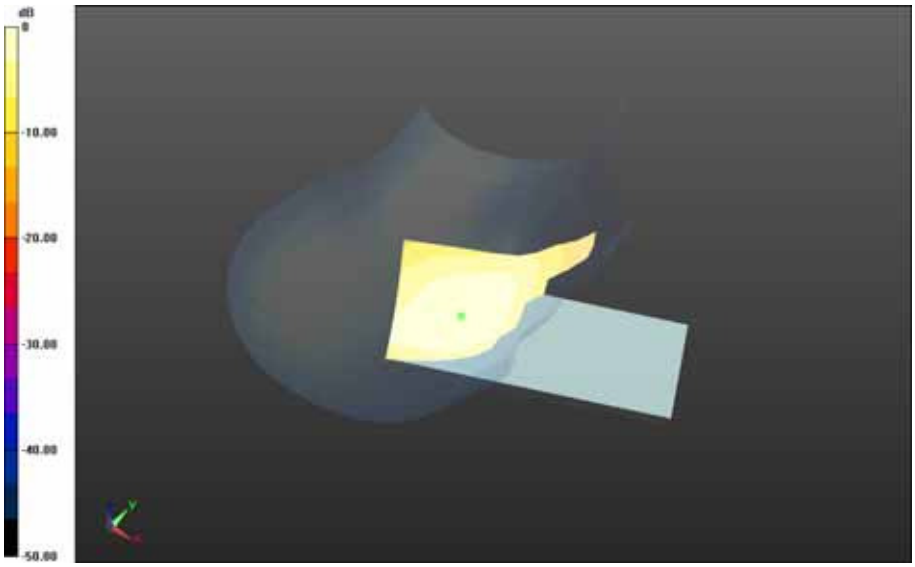
Fast SAR: SAR(1g) = 0.209 W/kg; SAR(10g) = 0.143 W/kg
Maximum value of SAR (interpolated) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Open/Tilt Position - DTM 850_3-Slot_chan190_amb_temp_23.7C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.131 V/m; **Power Drift = -0.124 dB**

Fast SAR: SAR(1g) = 0.120 W/kg; SAR(10g) = 0.0830 W/kg
Maximum value of SAR (interpolated) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg

Date: 10/07/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Left-Hand-Side HSL - DTM_GSM 850 - Slider Open

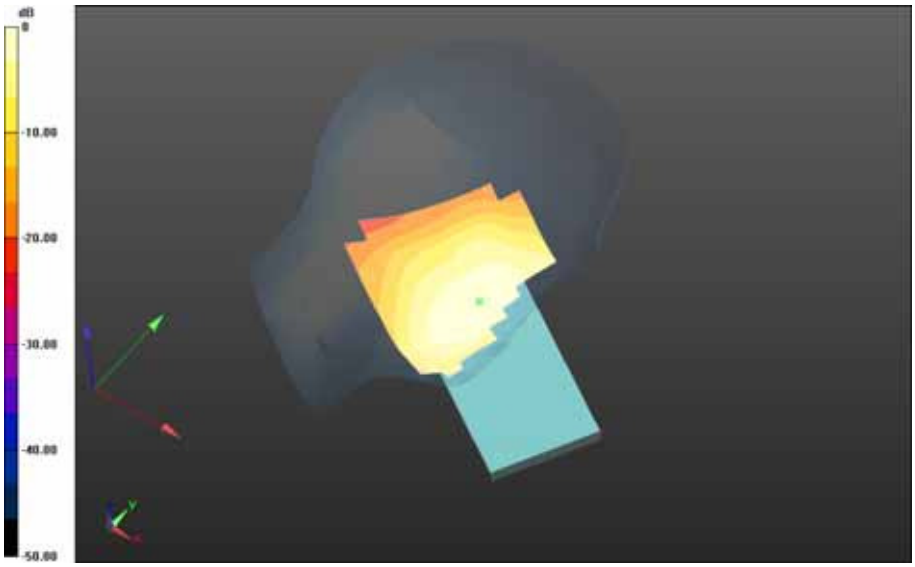
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.887 S/m; ε_r = 41.713; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - DTM_GSM 850 - Slider Open/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.679 V/m; **Power Drift = 0.082 dB**

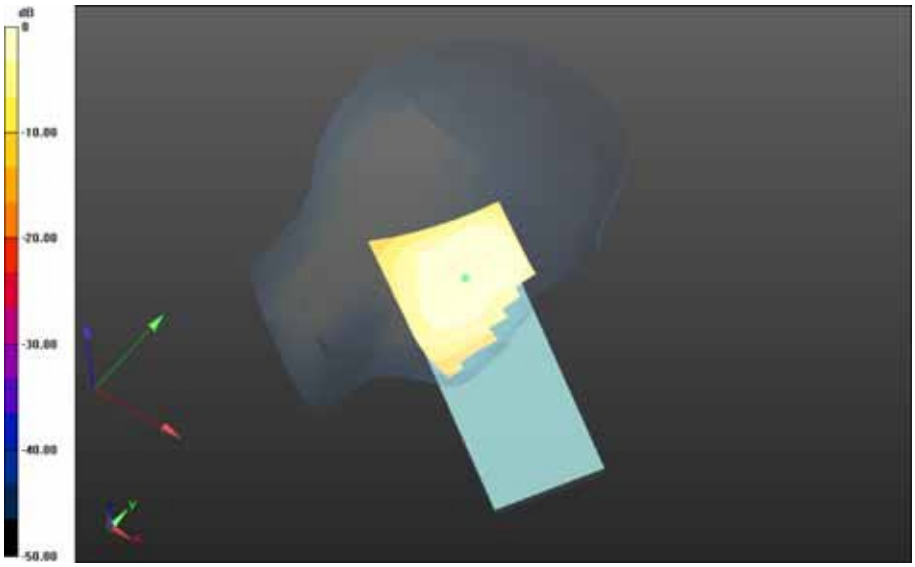
Fast SAR: SAR(1g) = 0.209 W/kg; SAR(10g) = 0.142 W/kg
Maximum value of SAR (interpolated) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 dBW/kg

Left-Hand-Side HSL - DTM_GSM 850 - Slider Open/Tilt Position - DTM 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.646 V/m; **Power Drift = 0.0035 dB**

Fast SAR: SAR(1g) = 0.105 W/kg; SAR(10g) = 0.0726 W/kg
Maximum value of SAR (interpolated) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Mobile Hot Spot MSL - GPRS 850 - Slider Closed

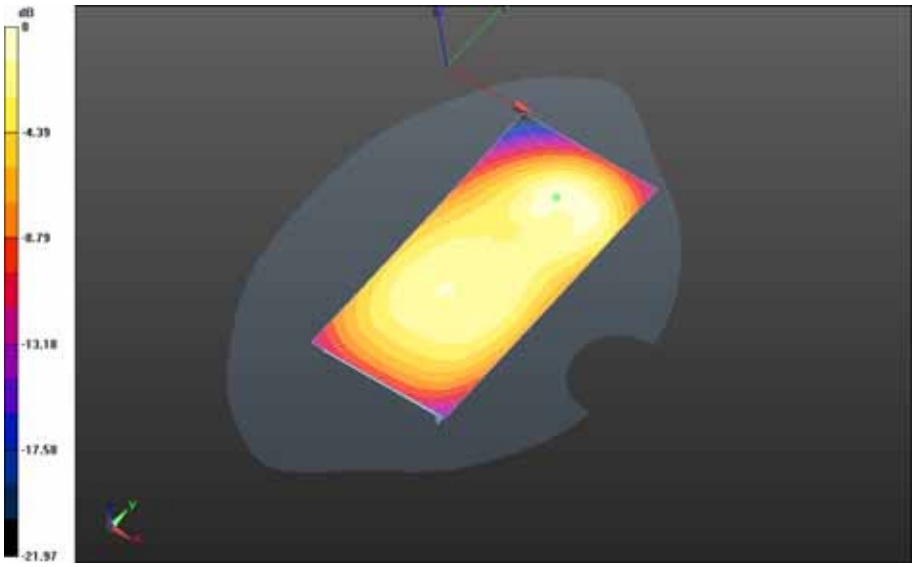
Communication System: GPRS 850 (2-slots) (0); Communication System Band: GPRS 850;
Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.973 S/m; ε_r = 53.182; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 850 - Slider Closed/10mm Device Back - GPRS 850_2-Slot_chan190_amb_temp_23.5C_liq_temp_22.6C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.853 V/m; **Power Drift = -0.019 dB**

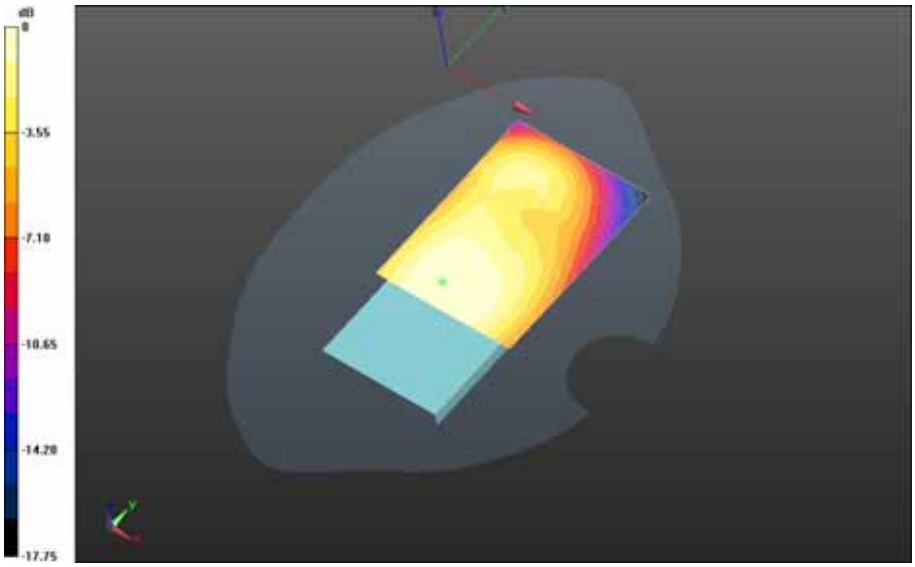
Fast SAR: SAR(1g) = 0.446 W/kg; SAR(10g) = 0.285 W/kg
Maximum value of SAR (interpolated) = 0.502 W/kg



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

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Front - GPRS 850_2-Slot_chan190_amb_temp_23.7C_liq_temp_22.8C/Area Scan (61x81x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 21.621 V/m; **Power Drift = -0.00943 dB**

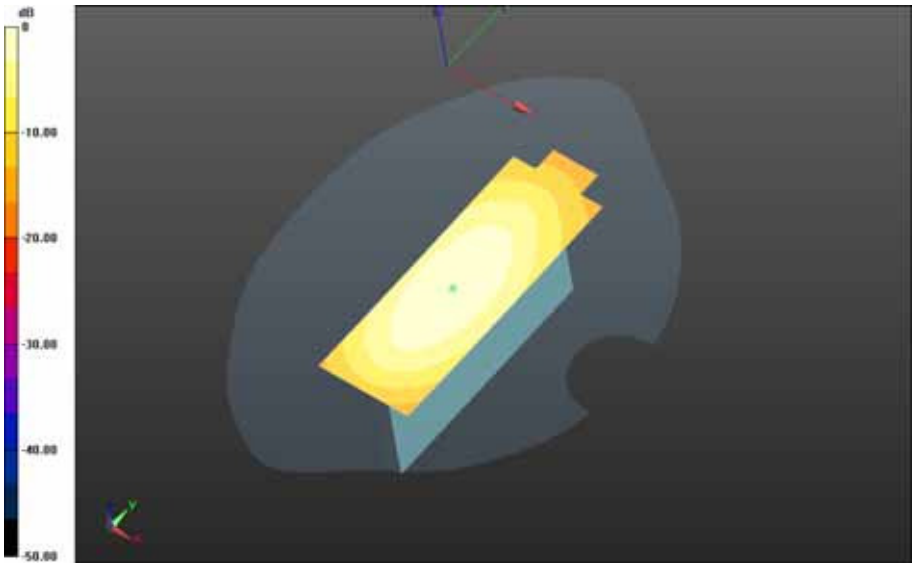
Fast SAR: SAR(1g) = 0.413 W/kg; SAR(10g) = 0.290 W/kg
Maximum value of SAR (interpolated) = 0.437 W/kg



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

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Left - GPRS 850_2-Slot_chan190_amb_temp_23.6C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.973 V/m; **Power Drift = -0.083 dB**

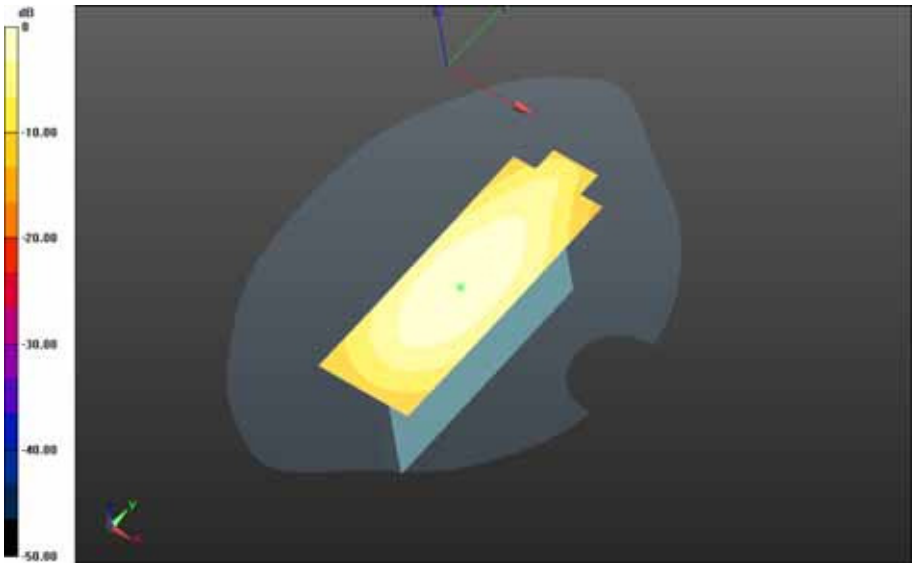
Fast SAR: SAR(1g) = 0.272 W/kg; SAR(10g) = 0.184 W/kg
Maximum value of SAR (interpolated) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Right - GPRS 850_2-Slot_chan190_amb_temp_23.7C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.835 V/m; **Power Drift = 0.036 dB**

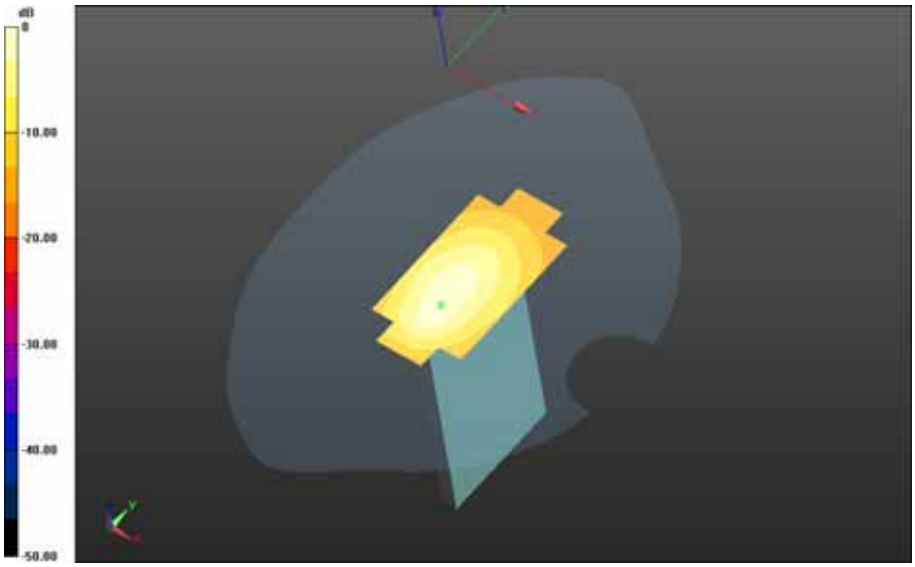
Fast SAR: SAR(1g) = 0.435 W/kg; SAR(10g) = 0.294 W/kg
Maximum value of SAR (interpolated) = 0.466 W/kg



0 dB = 0.466 W/kg = -3.32 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Bottom - GPRS 850_2-Slot_chan190_amb_temp_23.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.082 V/m; **Power Drift = -0.043 dB**

Fast SAR: SAR(1g) = 0.419 W/kg; SAR(10g) = 0.250 W/kg
Maximum value of SAR (interpolated) = 0.476 W/kg



0 dB = 0.476 W/kg = -3.22 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Mobile Hot Spot MSL - GPRS 850 - Slider Open

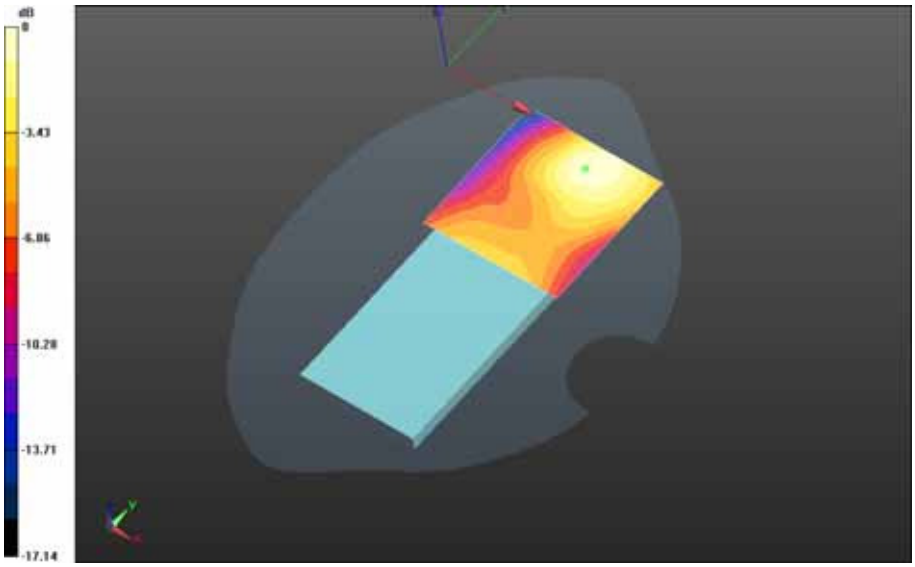
Communication System: GPRS 850 (2-slots) (0); Communication System Band: GPRS 850;
Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.962 S/m; ε_r = 53.325; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan128_amb_temp_23.9C_liq_temp_22.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.587 V/m; **Power Drift = -0.053 dB**

Fast SAR: SAR(1g) = 0.353 W/kg; SAR(10g) = 0.234 W/kg
Maximum value of SAR (interpolated) = 0.388 W/kg



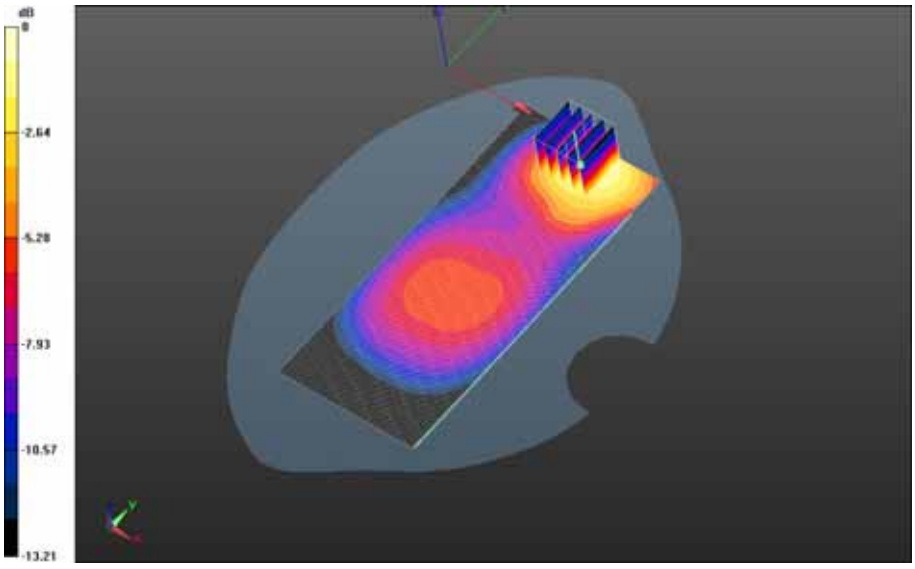
0 dB = 0.388 W/kg = -4.11 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan190_amb_temp_23.8C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.881 V/m; **Power Drift = 0.052 dB**

Fast SAR: SAR(1g) = 0.693 W/kg; SAR(10g) = 0.446 W/kg
Maximum value of SAR (interpolated) = 0.777 W/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan190_amb_temp_23.8C_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 = 15.881 V/m; **Power Drift = 0.052 dB**

Averaged SAR: SAR(1g) = 0.763 W/kg; SAR(10g) = 0.424 W/kg
Maximum value of SAR (interpolated) = 1.38 W/kg



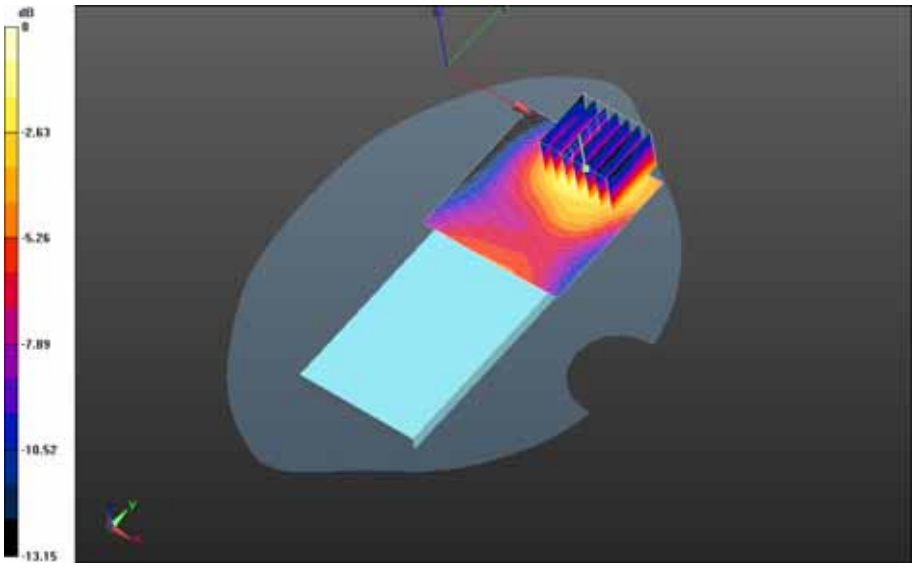
0 dB = 0.812 W/kg = -0.90 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan251_amb_temp_23.7C_liq_temp_22.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.567 V/m; **Power Drift = 0.033 dB**

Fast SAR: SAR(1g) = 0.576 W/kg; SAR(10g) = 0.373 W/kg
Maximum value of SAR (interpolated) = 0.638 W/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan251_amb_temp_23.7C_liq_temp_22.7C/Zoom Scan (31x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 16.567 V/m; **Power Drift = 0.033 dB**

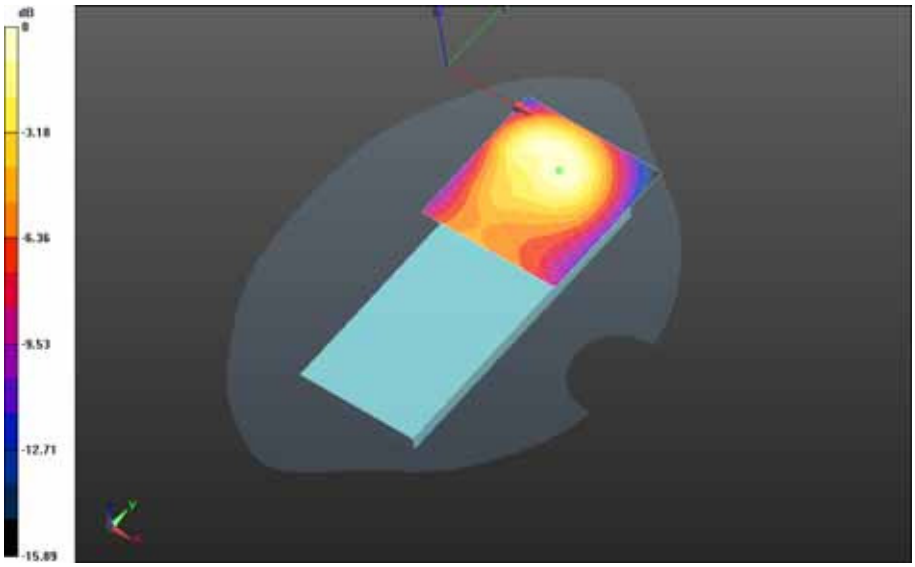
Averaged SAR: SAR(1g) = 0.553 W/kg; SAR(10g) = 0.319 W/kg
Maximum value of SAR (interpolated) = 0.931 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Front - GPRS 850_2-Slot_chan190_amb_temp_23.8C_liq_temp_22.8C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.536 V/m; **Power Drift = 0.052 dB**

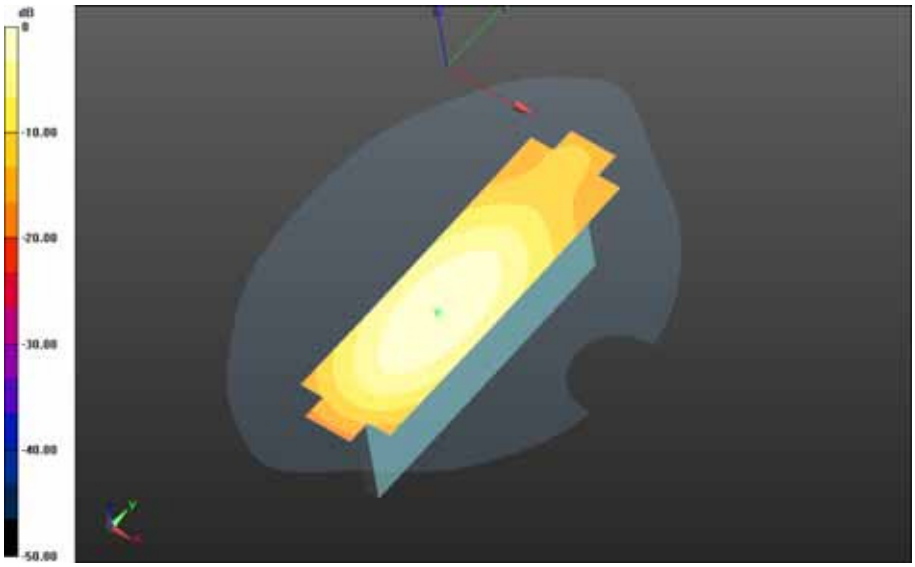
Fast SAR: SAR(1g) = 0.428 W/kg; SAR(10g) = 0.284 W/kg
Maximum value of SAR (interpolated) = 0.459 W/kg



0 dB = 0.459 W/kg = -3.38 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Left - GPRS 850_2-Slot_chan190_amb_temp_23.8C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.955 V/m; **Power Drift = -0.022 dB**

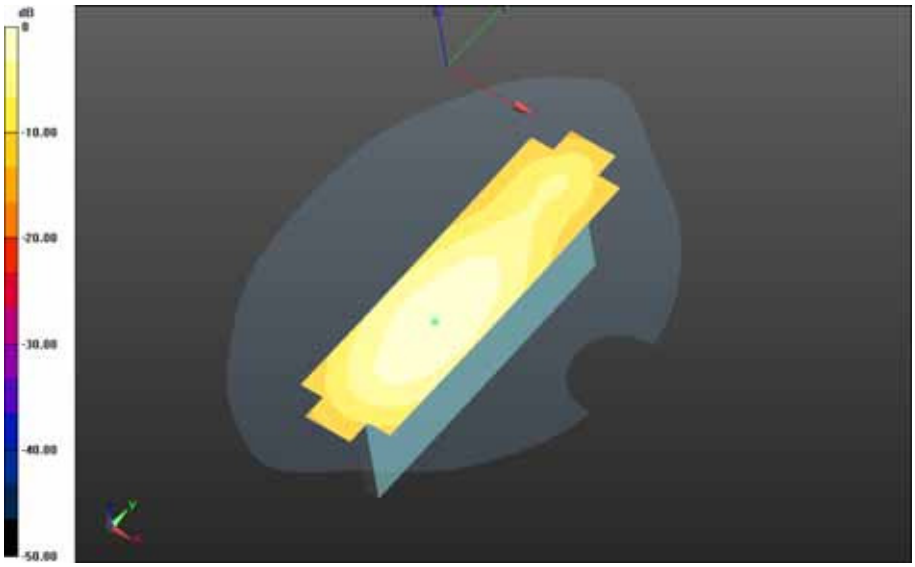
Fast SAR: SAR(1g) = 0.164 W/kg; SAR(10g) = 0.110 W/kg
Maximum value of SAR (interpolated) = 0.175 W/kg



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

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Right - GPRS 850_2-Slot_chan190_amb_temp_23.7C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.853 V/m; **Power Drift = 0.034 dB**

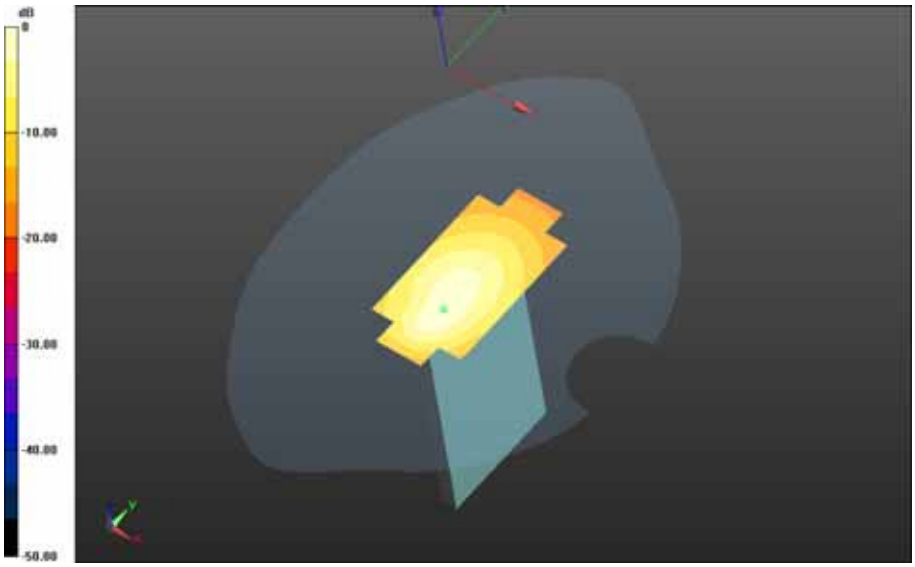
Fast SAR: SAR(1g) = 0.306 W/kg; SAR(10g) = 0.207 W/kg
Maximum value of SAR (interpolated) = 0.327 W/kg



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

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Bottom - GPRS 850_2-Slot_chan190_amb_temp_23.7C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.309 V/m; **Power Drift = -0.119 dB**

Fast SAR: SAR(1g) = 0.481 W/kg; SAR(10g) = 0.285 W/kg
Maximum value of SAR (interpolated) = 0.544 W/kg



0 dB = 0.544 W/kg = -2.64 dBW/kg

Date: 10/13/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Body Worn MSL - GPRS 850 - Slider Closed

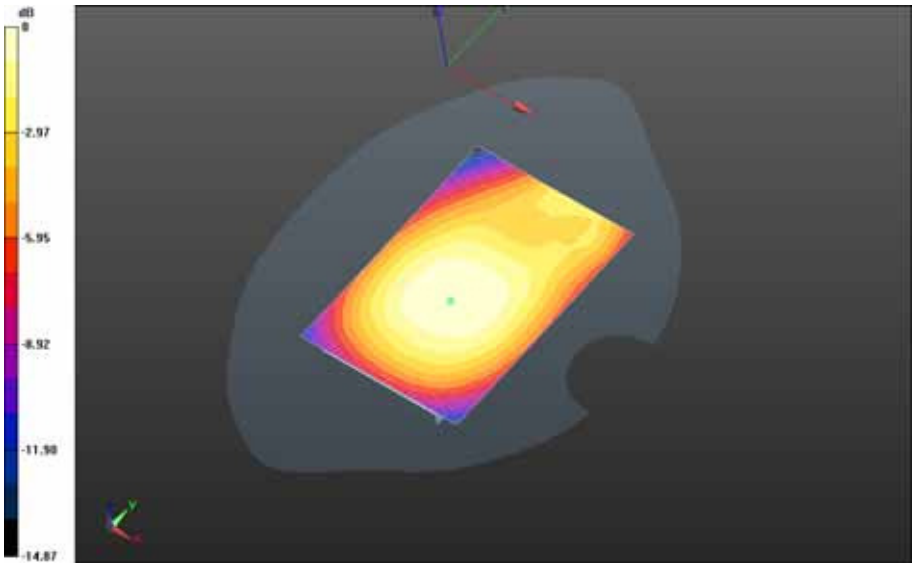
Communication System: GPRS 850 (3 slots) (0); Communication System Band: GPRS 850 (3 slots); Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.994 S/m; ε_r = 53.132; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 850 - Slider Closed/15mm Device Back - GPRS 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_22.7C/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.018 V/m; **Power Drift = -0.137 dB**

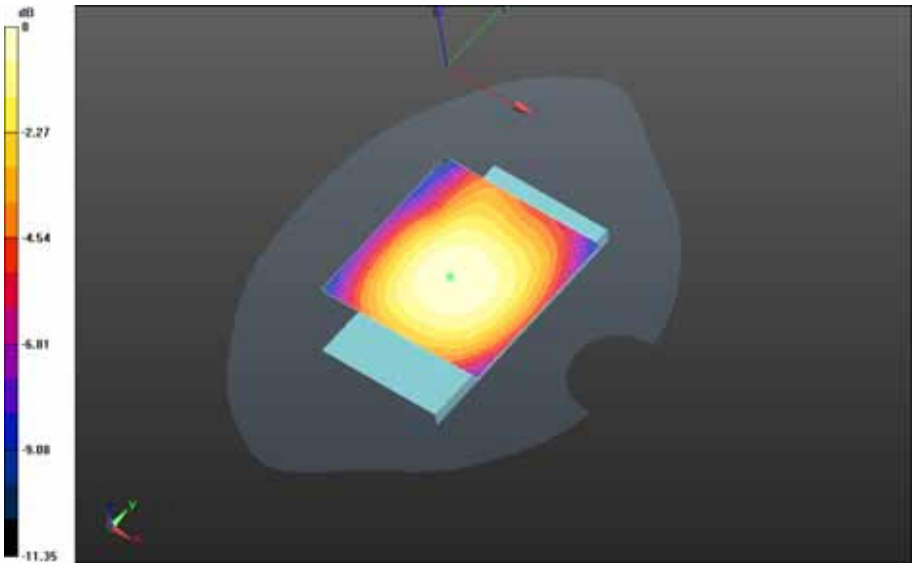
Fast SAR: SAR(1g) = 0.254 W/kg; SAR(10g) = 0.179 W/kg
Maximum value of SAR (interpolated) = 0.268 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan128_amb_temp_23.6C_liq_temp_22.6C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.892 V/m; **Power Drift = -0.034 dB**

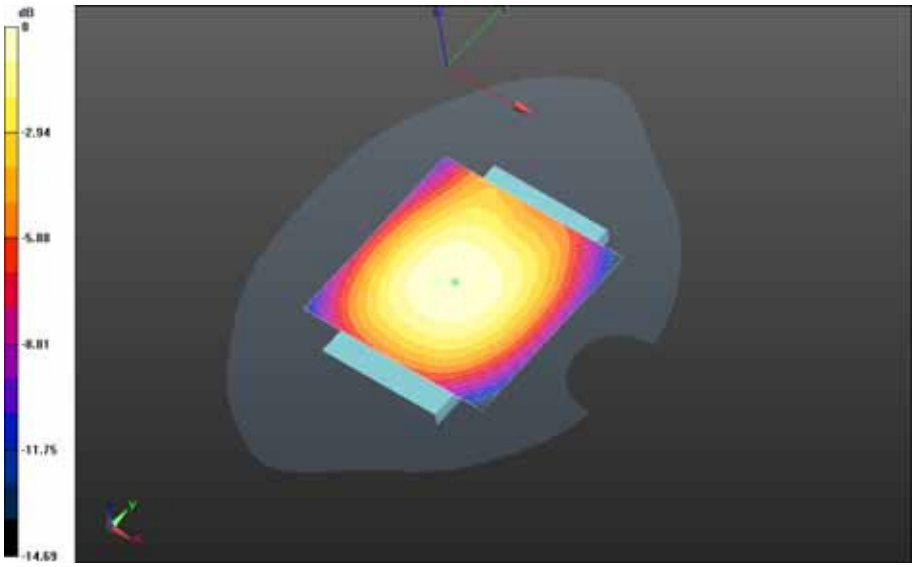
Fast SAR: SAR(1g) = 0.338 W/kg; SAR(10g) = 0.239 W/kg
Maximum value of SAR (interpolated) = 0.357 W/kg



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

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.583 V/m; **Power Drift = -0.018 dB**

Fast SAR: SAR(1g) = 0.369 W/kg; SAR(10g) = 0.261 W/kg
Maximum value of SAR (interpolated) = 0.390 W/kg



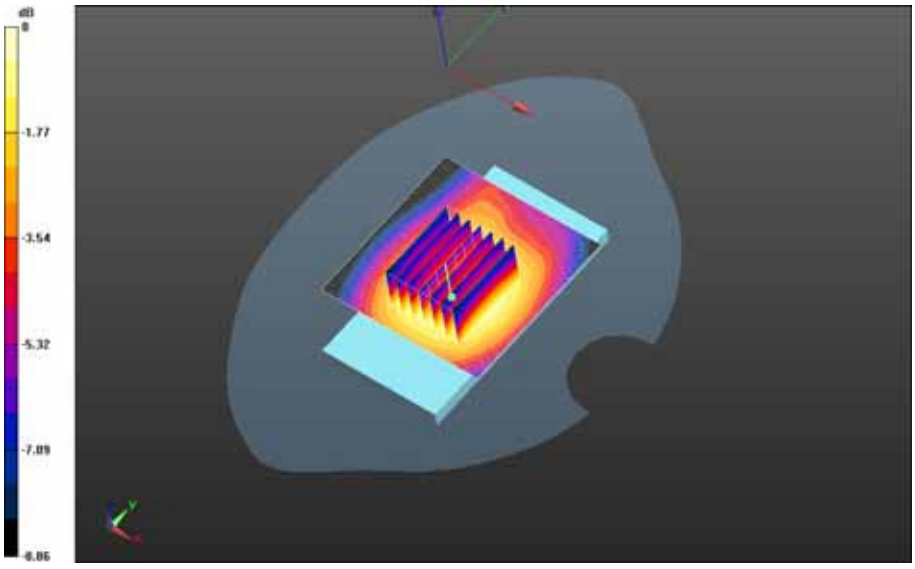
0 dB = 0.390 W/kg = -4.09 dBW/kg

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan251_amb_temp_23.5C_liq_temp_22.6C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.628 V/m; **Power Drift = -0.033 dB**

Fast SAR: SAR(1g) = 0.376 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.395 W/kg

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan251_amb_temp_23.5C_liq_temp_22.6C/Zoom Scan (31x36x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 20.628 V/m; **Power Drift = -0.033 dB**

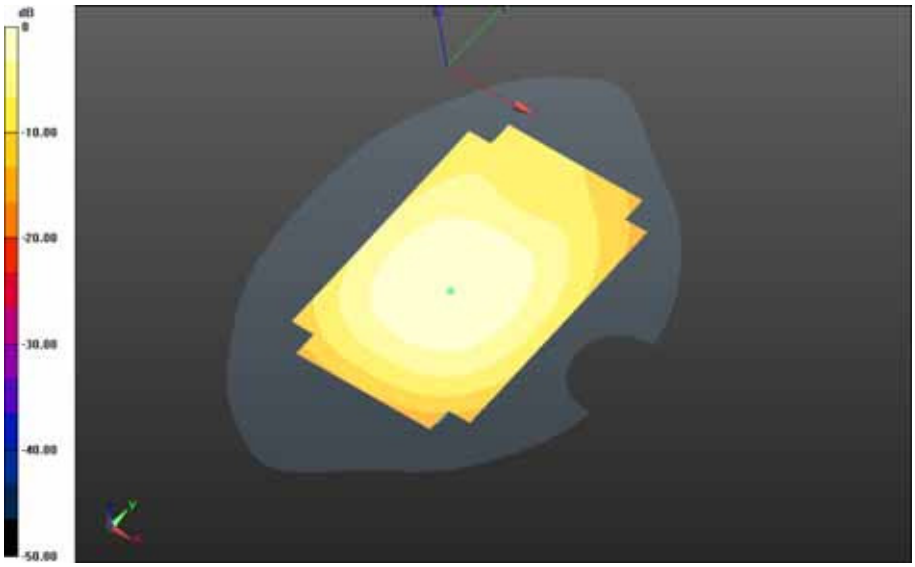
Averaged SAR: SAR(1g) = 0.386 W/kg; SAR(10g) = 0.301 W/kg
Maximum value of SAR (interpolated) = 0.460 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg

Body Worn MSL - GPRS 850 - Slider Closed/Holster Device Front - GPRS 850_3-Slot_chan190_amb_temp_23.5C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.487 V/m; **Power Drift = -0.083 dB**

Fast SAR: SAR(1g) = 0.298 W/kg; SAR(10g) = 0.209 W/kg
Maximum value of SAR (interpolated) = 0.316 W/kg



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

UMTS Band V

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Right-Hand-Side HSL - UMTS band V - Slider Closed

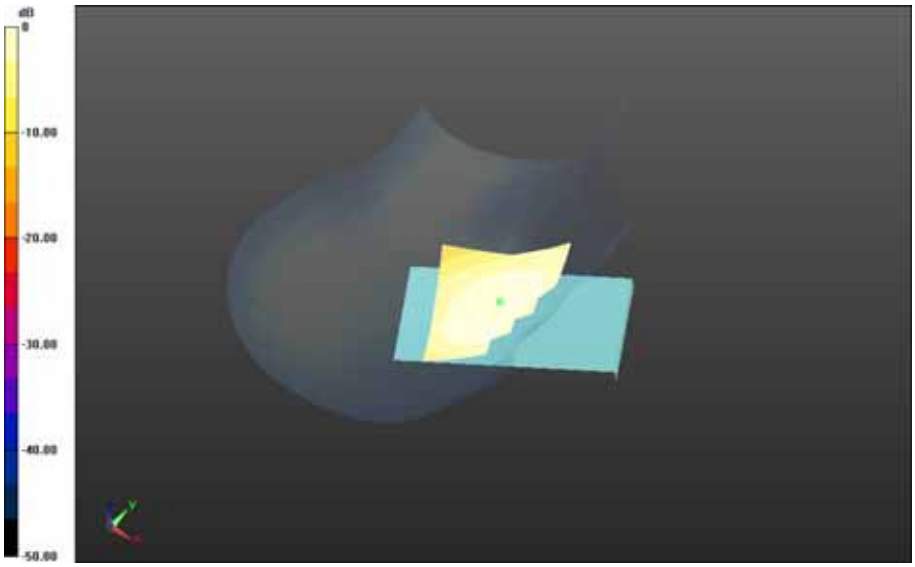
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 826.4 MHz
Medium Parameters used: f=826.4 MHz; σ = 0.876 S/m; ε_r = 41.824; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 V - Slider Closed/Touch Position - UMTS band V_chan4132_amb_temp_23.9C_liq_temp_22.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.602 V/m; **Power Drift = 0.071 dB**

Fast SAR: SAR(1g) = 0.310 W/kg; SAR(10g) = 0.211 W/kg
Maximum value of SAR (interpolated) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

Right-Hand-Side HSL - UMTS band V - Slider Closed/Touch Position - UMTS band V_chan4182_amb_temp_23.8C_liq_temp_22.7C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.758 V/m; **Power Drift = 0.00571 dB**

Fast SAR: SAR(1g) = 0.331 W/kg; SAR(10g) = 0.228 W/kg
Maximum value of SAR (interpolated) = 0.345 W/kg

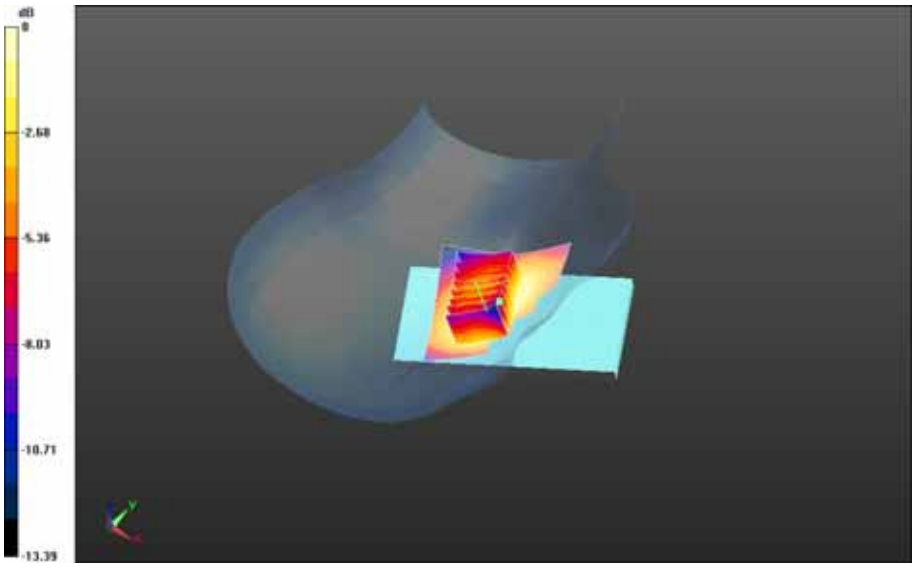
0 dB = 0.345 W/kg = -4.62 dBW/kg

Right-Hand-Side HSL - UMTS band V - Slider Closed/Touch Position - UMTS band V_chan4233_amb_temp_23.7C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.902 V/m; **Power Drift = -0.084 dB**

Fast SAR: SAR(1g) = 0.357 W/kg; SAR(10g) = 0.243 W/kg
Maximum value of SAR (interpolated) = 0.376 W/kg

Right-Hand-Side HSL - UMTS band V - Slider Closed/Touch Position - UMTS band V_chan4233_amb_temp_23.7C_liq_temp_22.6C/Zoom Scan (36x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.902 V/m; **Power Drift = -0.084 dB**

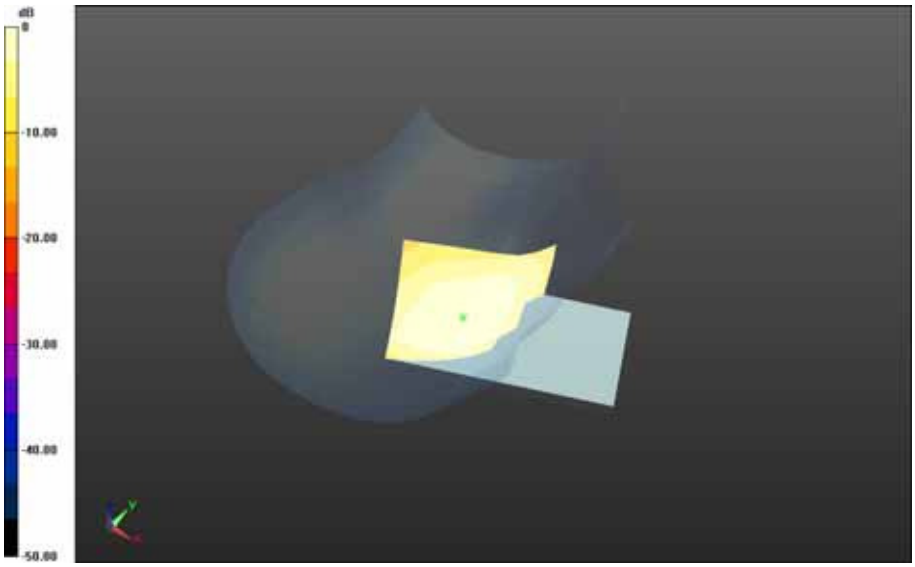
Averaged SAR: SAR(1g) = 0.354 W/kg; SAR(10g) = 0.277 W/kg
Maximum value of SAR (interpolated) = 0.418 W/kg



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

Right-Hand-Side HSL - UMTS band V - Slider Closed/Tilt Position - UMTS band V_chan4182_amb_temp_24.0C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.403 V/m; **Power Drift = -0.116 dB**

Fast SAR: SAR(1g) = 0.214 W/kg; SAR(10g) = 0.148 W/kg
Maximum value of SAR (interpolated) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Left-Hand-Side HSL - UMTS band V - Slider Closed

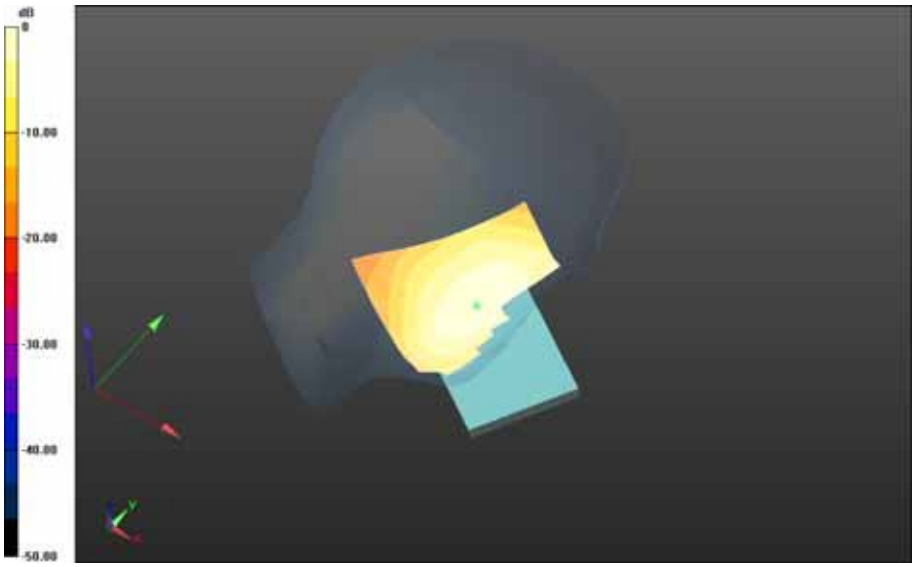
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.887 S/m; ε_r = 41.718; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 V - Slider Closed/Touch Position - UMTS band V_chan4182_amb_temp_23.8C_liq_temp_22.4C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.065 V/m; **Power Drift = -0.160 dB**

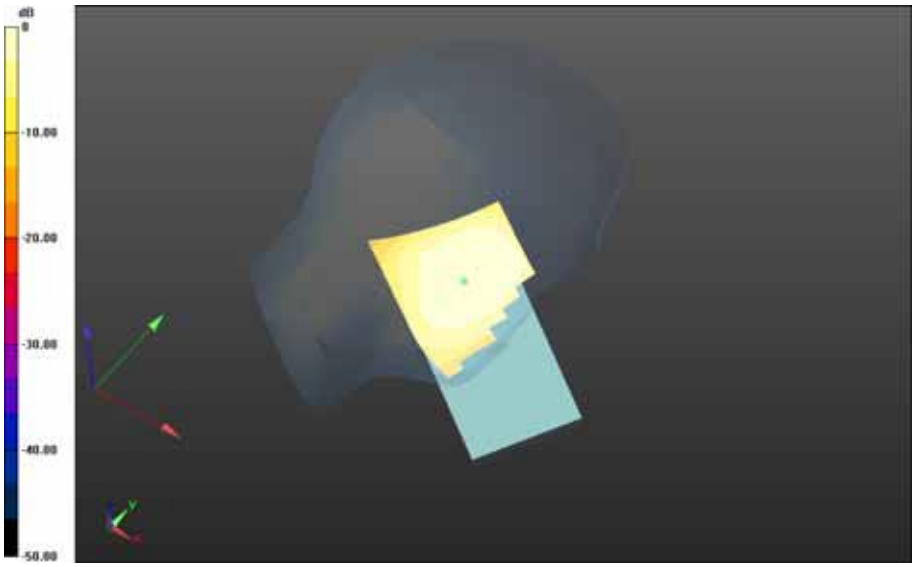
Fast SAR: SAR(1g) = 0.279 W/kg; SAR(10g) = 0.189 W/kg
Maximum value of SAR (interpolated) = 0.297 W/kg



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

Left-Hand-Side HSL - UMTS band V - Slider Closed/Tilt Position - UMTS band V_chan4182_amb_temp_23.8C_liq_temp_23.0C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.001 V/m; **Power Drift = 0.029 dB**

Fast SAR: SAR(1g) = 0.191 W/kg; SAR(10g) = 0.132 W/kg
Maximum value of SAR (interpolated) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Right-Hand-Side HSL - UMTS band V - Slider Open

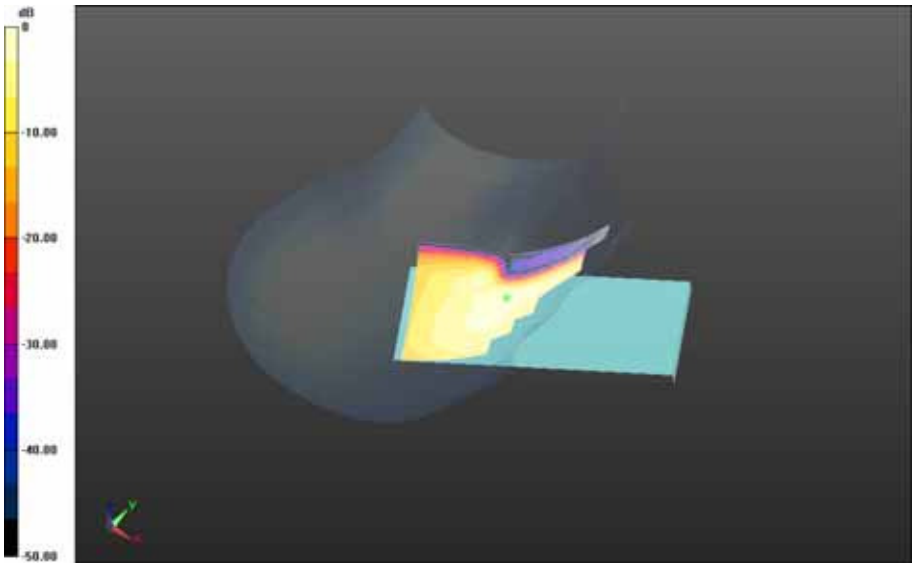
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.887 S/m; ε_r = 41.718; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 V - Slider Open/Touch Position - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.7C/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.894 V/m; **Power Drift = 0.012 dB**

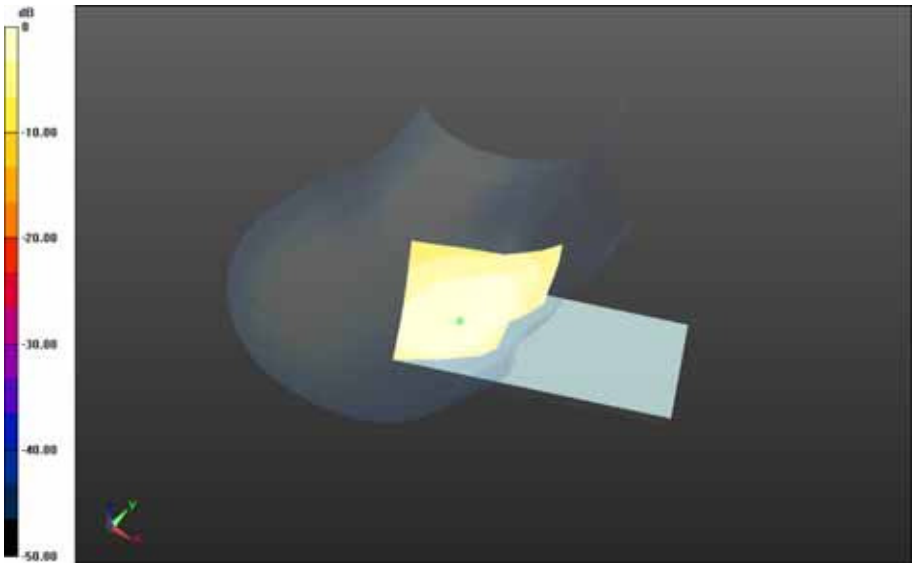
Fast SAR: SAR(1g) = 0.319 W/kg; SAR(10g) = 0.194 W/kg
Maximum value of SAR (interpolated) = 0.430 W/kg



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

Right-Hand-Side HSL - UMTS band V - Slider Open/Tilt Position - UMTS band V_chan4182_amb_temp_24.0C_liq_temp_22.5C/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.565 V/m; **Power Drift = -0.000275 dB**

Fast SAR: SAR(1g) = 0.165 W/kg; SAR(10g) = 0.115 W/kg
Maximum value of SAR (interpolated) = 0.171 W/kg



0 dB = 0.171 W/kg = -7.67 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Left-Hand-Side HSL - UMTS band V - Slider Open

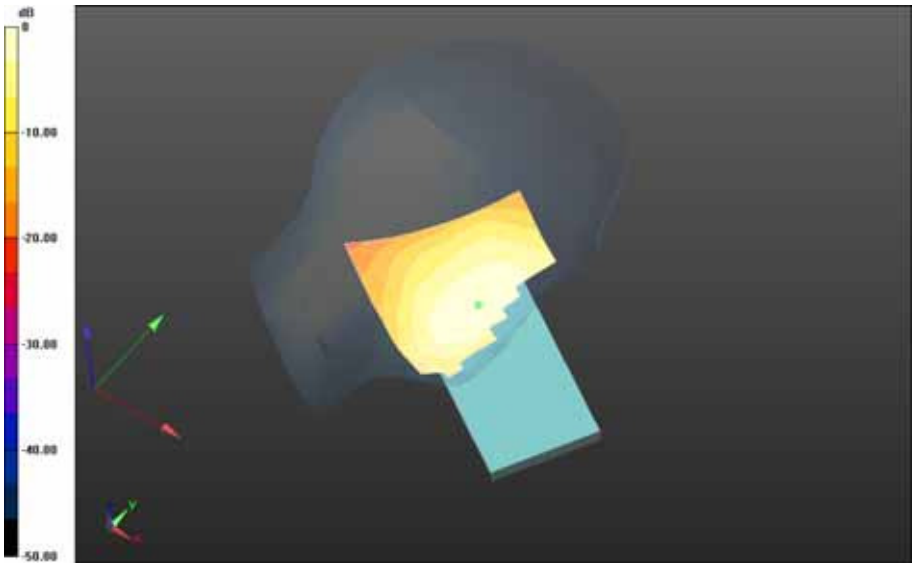
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.887 S/m; ε_r = 41.718; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 V - Slider Open/Touch Position - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.6C/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.542 V/m; **Power Drift = 0.168 dB**

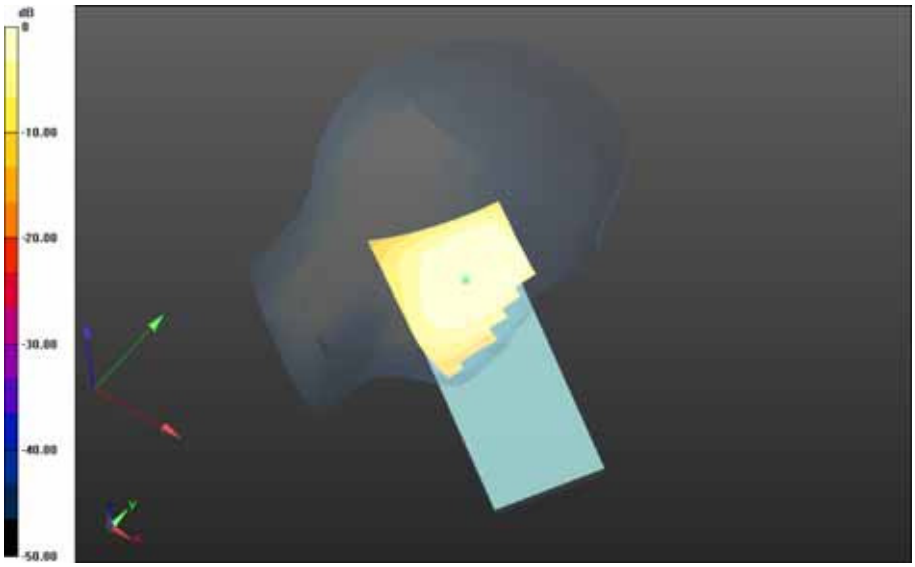
Fast SAR: SAR(1g) = 0.241 W/kg; SAR(10g) = 0.163 W/kg
Maximum value of SAR (interpolated) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

Left-Hand-Side HSL - UMTS band V - Slider Open/Tilt Position - UMTS band V_chan4182_amb_temp_23.7C_liq_temp_22.6C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.927 V/m; **Power Drift = 0.00831 dB**

Fast SAR: SAR(1g) = 0.148 W/kg; SAR(10g) = 0.103 W/kg
Maximum value of SAR (interpolated) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Mobile Hot Spot MSL - UMTS band V - Slider Closed

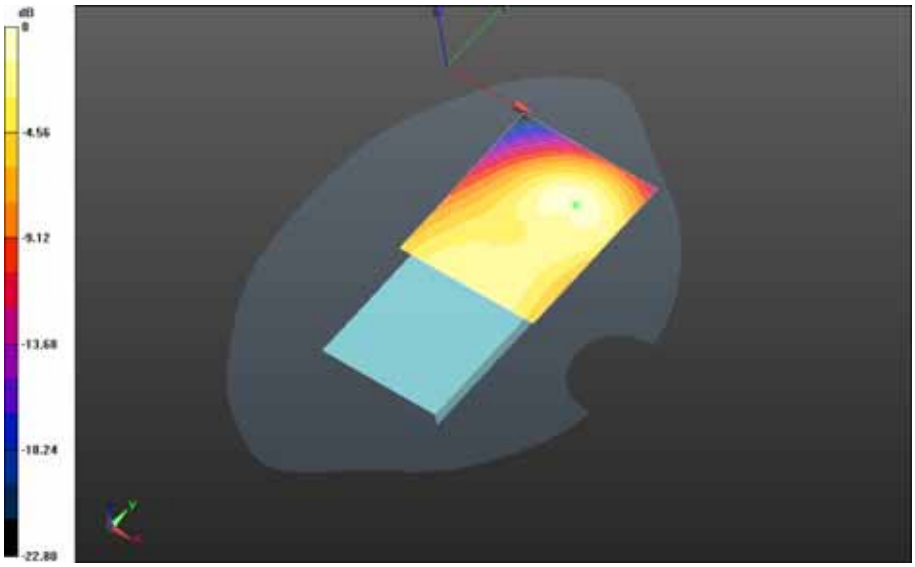
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.972 S/m; ε_r = 53.186; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 band V - Slider Closed/10mm Device Back - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.0C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.694 V/m; **Power Drift = 0.026 dB**

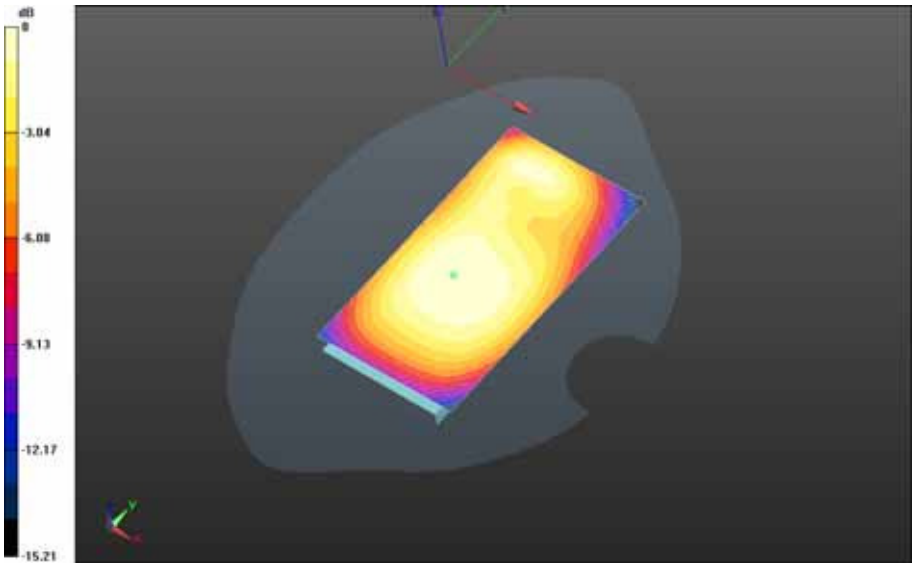
Fast SAR: SAR(1g) = 0.419 W/kg; SAR(10g) = 0.268 W/kg
Maximum value of SAR (interpolated) = 0.464 W/kg



0 dB = 0.464 W/kg = -3.33 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Front - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.165 V/m; **Power Drift = 0.015 dB**

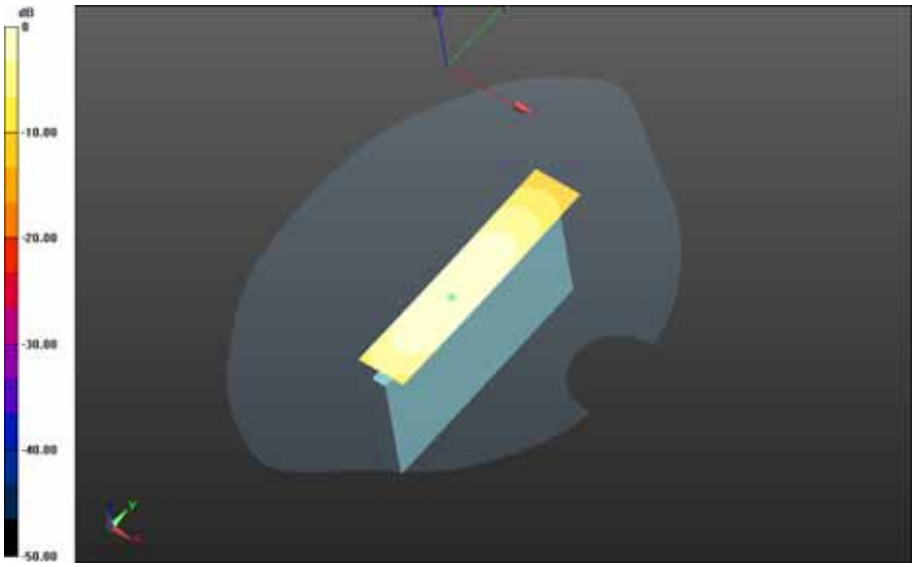
Fast SAR: SAR(1g) = 0.343 W/kg; SAR(10g) = 0.242 W/kg
Maximum value of SAR (interpolated) = 0.363 W/kg



0 dB = 0.363 W/kg = -4.40 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Left - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.250 V/m; **Power Drift = -0.019 dB**

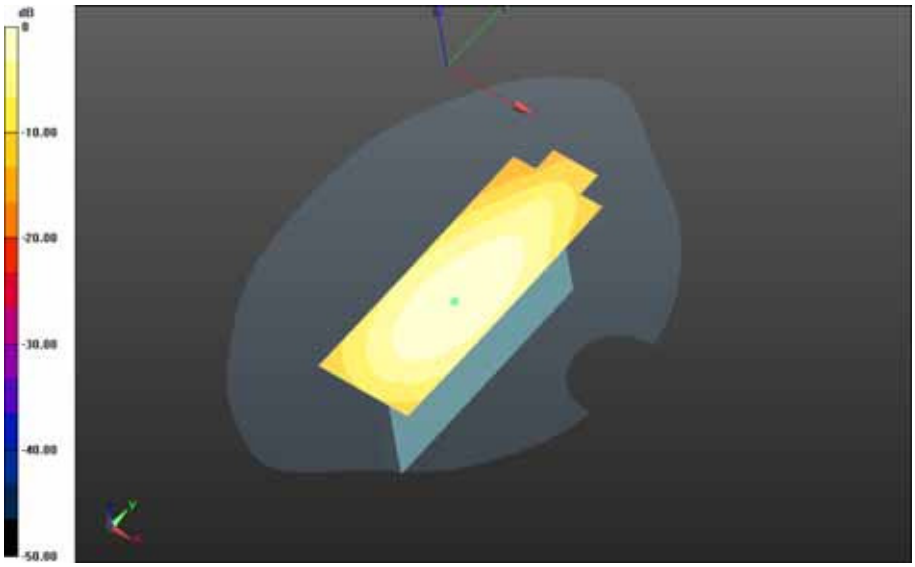
Fast SAR: SAR(1g) = 0.253 W/kg; SAR(10g) = 0.172 W/kg
Maximum value of SAR (interpolated) = 0.270 W/kg



0 dB = 0.270 W/kg = -5.69 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Right - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.212 V/m; **Power Drift = -0.033 dB**

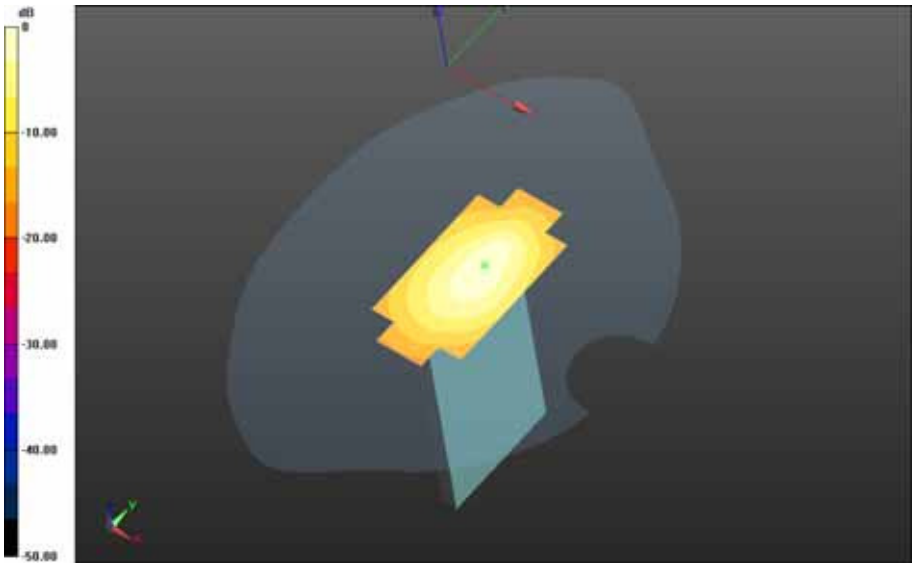
Fast SAR: SAR(1g) = 0.432 W/kg; SAR(10g) = 0.293 W/kg
Maximum value of SAR (interpolated) = 0.467 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Bottom - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.413 V/m; **Power Drift = -0.00822 dB**

Fast SAR: SAR(1g) = 0.409 W/kg; SAR(10g) = 0.239 W/kg
Maximum value of SAR (interpolated) = 0.480 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Mobile Hot Spot MSL - UMTS band V - Slider Open

Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 826.4 MHz
Medium Parameters used: f=826.4 MHz; σ = 0.963 S/m; ε_r = 53.306; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

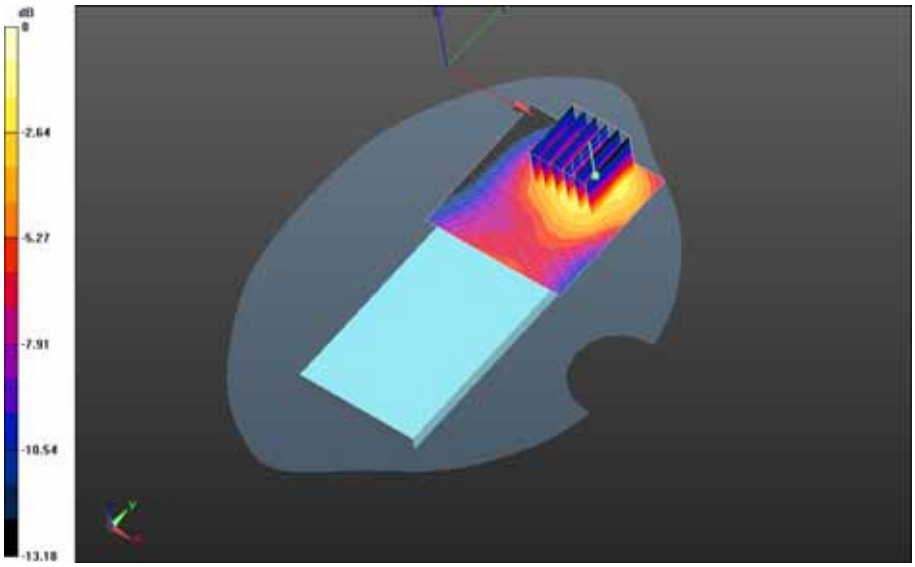
- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4132_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.656 V/m; **Power Drift = -0.000849 dB**

Fast SAR: SAR(1g) = 0.516 W/kg; SAR(10g) = 0.335 W/kg
Maximum value of SAR (interpolated) = 0.568 W/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4132_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 = 15.656 V/m; **Power Drift = -0.000849 dB**

Averaged SAR: SAR(1g) = 0.553 W/kg; SAR(10g) = 0.313 W/kg
Maximum value of SAR (interpolated) = 0.983 W/kg



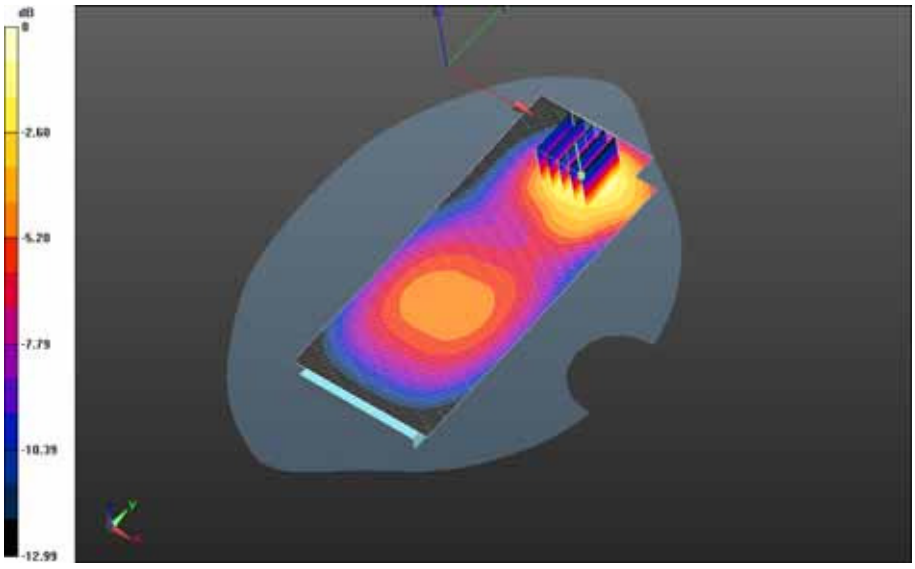
0 dB = 0.600 W/kg = -2.22 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4182_amb_temp_23.7C_liq_temp_22.1C/Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.311 V/m; **Power Drift = -0.106 dB**

Fast SAR: SAR(1g) = 0.533 W/kg; SAR(10g) = 0.350 W/kg
Maximum value of SAR (interpolated) = 0.587 W/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4182_amb_temp_23.7C_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 = 15.311 V/m; **Power Drift = -0.106 dB**

Averaged SAR: SAR(1g) = 0.572 W/kg; SAR(10g) = 0.323 W/kg
Maximum value of SAR (interpolated) = 1.01 W/kg



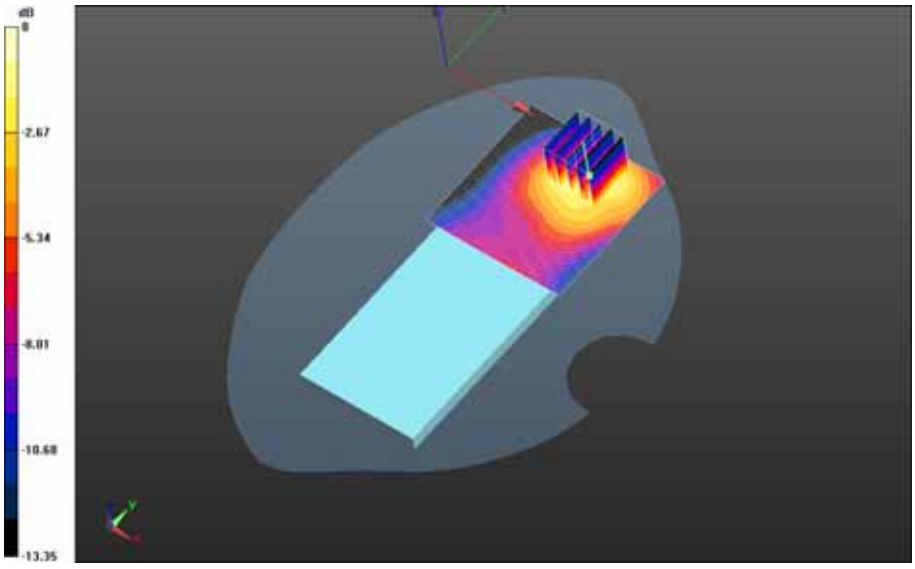
0 dB = 0.626 W/kg = -2.03 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4233_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.466 V/m; **Power Drift = -0.074 dB**

Fast SAR: SAR(1g) = 0.612 W/kg; SAR(10g) = 0.395 W/kg
Maximum value of SAR (interpolated) = 0.674 W/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4233_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 = 15.466 V/m; **Power Drift = -0.074 dB**

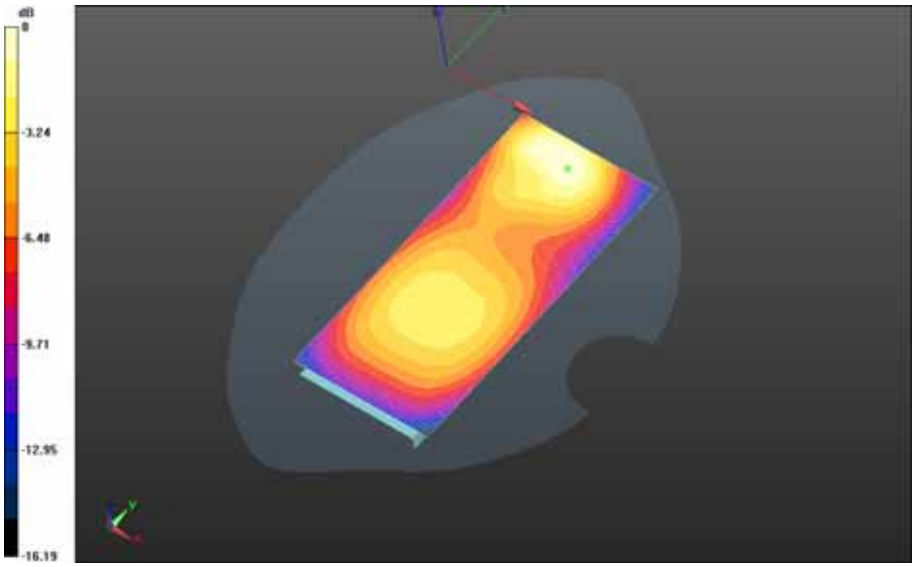
Averaged SAR: SAR(1g) = 0.657 W/kg; SAR(10g) = 0.370 W/kg
Maximum value of SAR (interpolated) = 1.16 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Front - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.0C/Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.389 V/m; **Power Drift = -0.00313 dB**

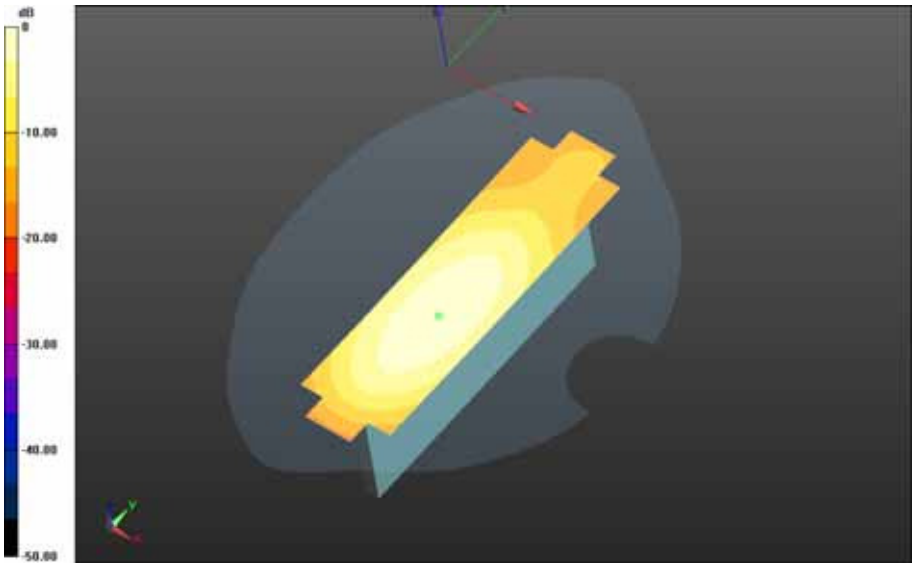
Fast SAR: SAR(1g) = 0.392 W/kg; SAR(10g) = 0.256 W/kg
Maximum value of SAR (interpolated) = 0.431 W/kg



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

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Left - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.949 V/m; **Power Drift = -0.133 dB**

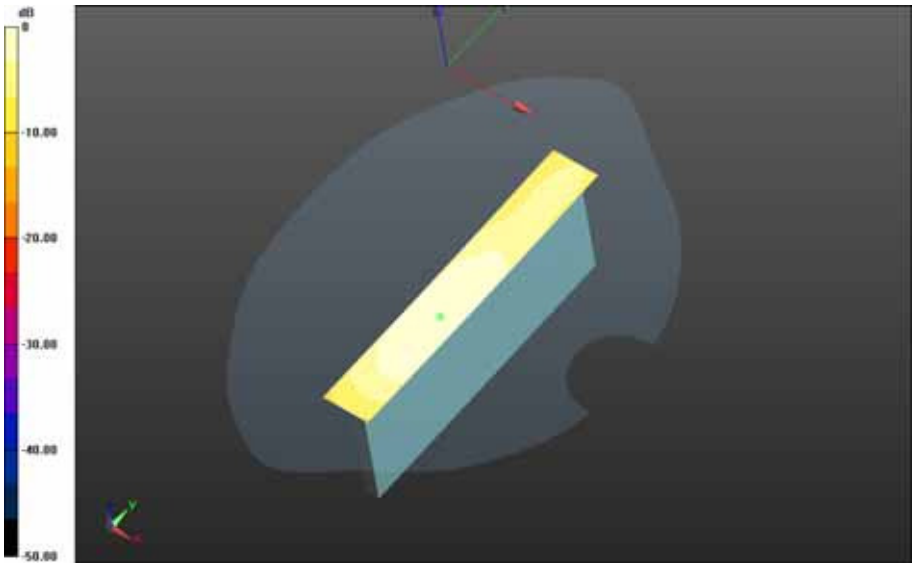
Fast SAR: SAR(1g) = 0.166 W/kg; SAR(10g) = 0.111 W/kg
Maximum value of SAR (interpolated) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Right - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.619 V/m; **Power Drift = -0.00312 dB**

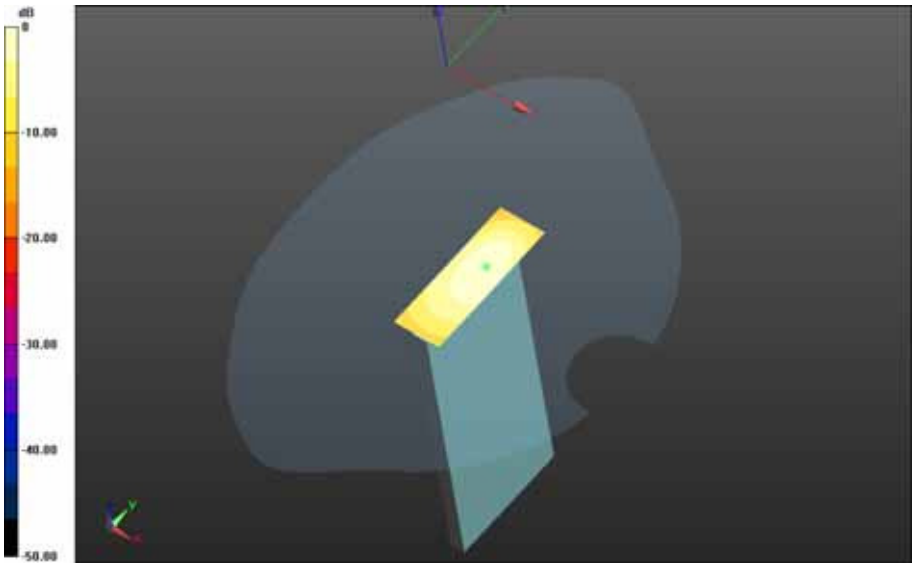
Fast SAR: SAR(1g) = 0.317 W/kg; SAR(10g) = 0.215 W/kg
Maximum value of SAR (interpolated) = 0.337 W/kg



0 dB = 0.337 W/kg = -4.72 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Bottom - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.547 V/m; **Power Drift = -0.016 dB**

Fast SAR: SAR(1g) = 0.407 W/kg; SAR(10g) = 0.254 W/kg
Maximum value of SAR (interpolated) = 0.487 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

Date: 10/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Body Worn MSL - UMTS band V - Slider Closed

Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 826.4 MHz
Medium Parameters used: f=826.4 MHz; σ = 0.963 S/m; ε_r = 53.306; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

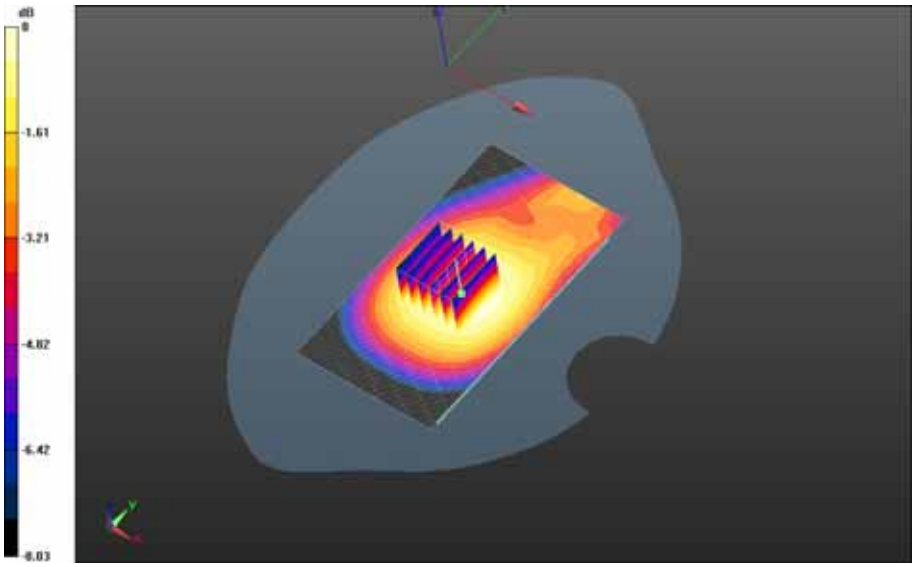
- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4132_amb_temp_23.6C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.032 V/m; **Power Drift = -0.00746 dB**

Fast SAR: SAR(1g) = 0.305 W/kg; SAR(10g) = 0.216 W/kg
Maximum value of SAR (interpolated) = 0.320 W/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4132_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 = 19.032 V/m; **Power Drift = -0.00746 dB**

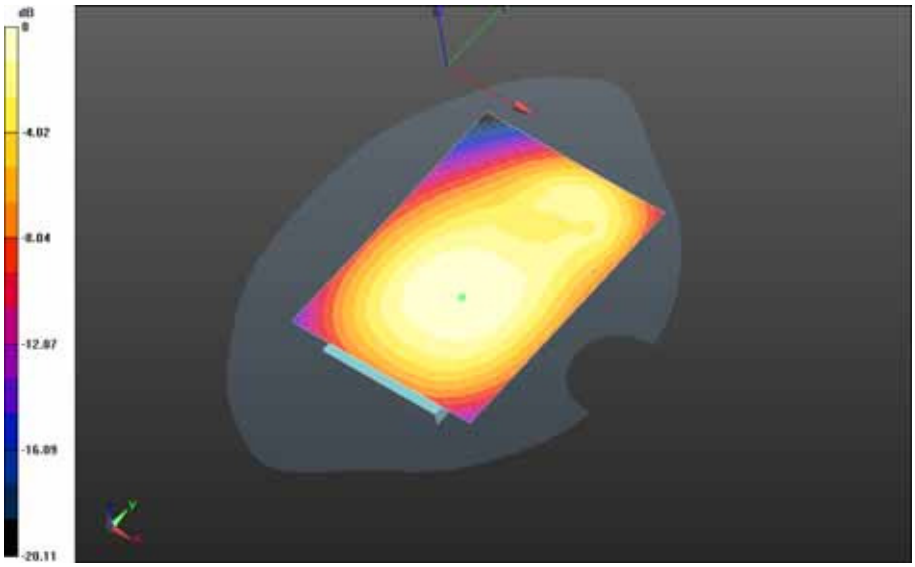
Averaged SAR: SAR(1g) = 0.308 W/kg; SAR(10g) = 0.241 W/kg
Maximum value of SAR (interpolated) = 0.365 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.1C/Area Scan (81x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.310 V/m; **Power Drift = -0.063 dB**

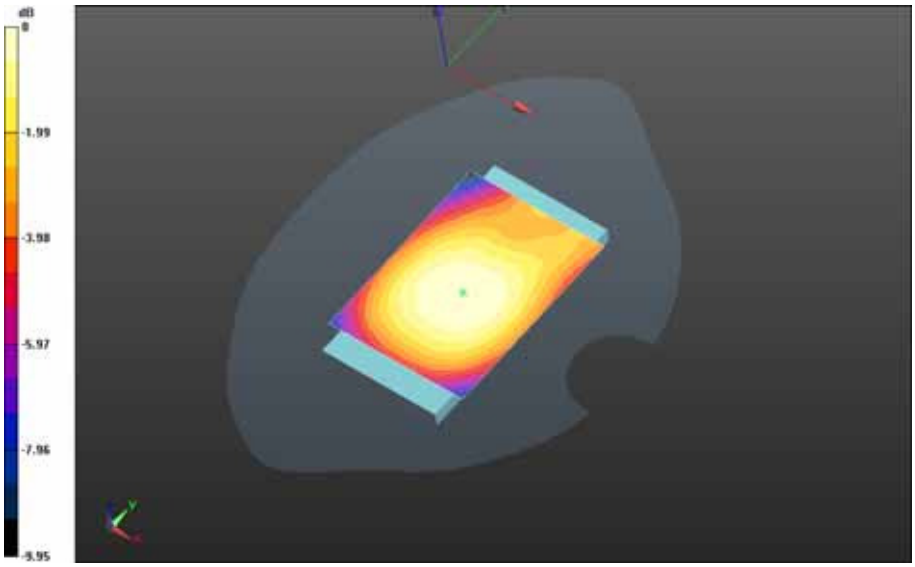
Fast SAR: SAR(1g) = 0.285 W/kg; SAR(10g) = 0.202 W/kg
Maximum value of SAR (interpolated) = 0.300 W/kg



0 dB = 0.300 W/kg = -5.23 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4233_amb_temp_23.6C_liq_temp_22.1C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.823 V/m; **Power Drift = 0.019 dB**

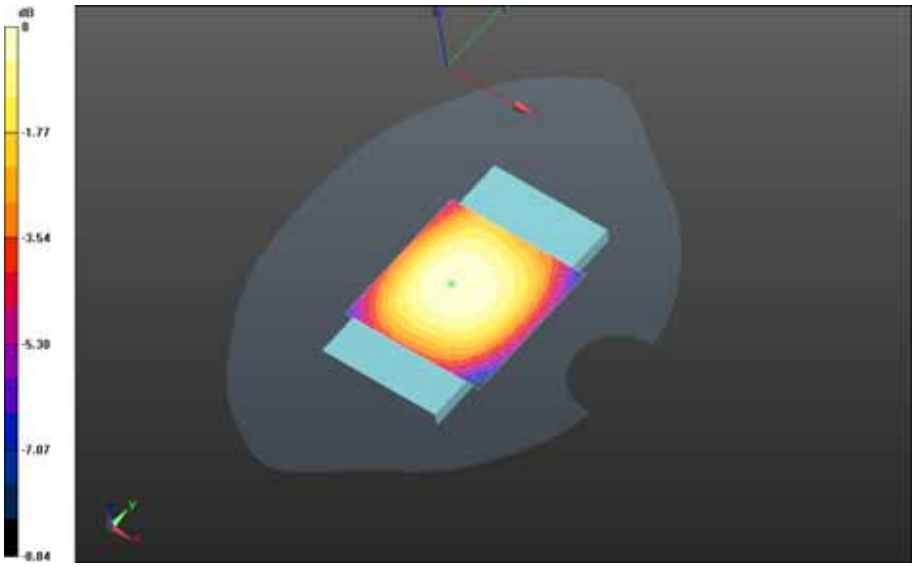
Fast SAR: SAR(1g) = 0.278 W/kg; SAR(10g) = 0.197 W/kg
Maximum value of SAR (interpolated) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front- UMTS band V_chan4132_amb_temp_24.0C_liq_temp_22.3C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.266 V/m; **Power Drift = 0.086 dB**

Fast SAR: SAR(1g) = 0.349 W/kg; SAR(10g) = 0.247 W/kg
Maximum value of SAR (interpolated) = 0.366 W/kg



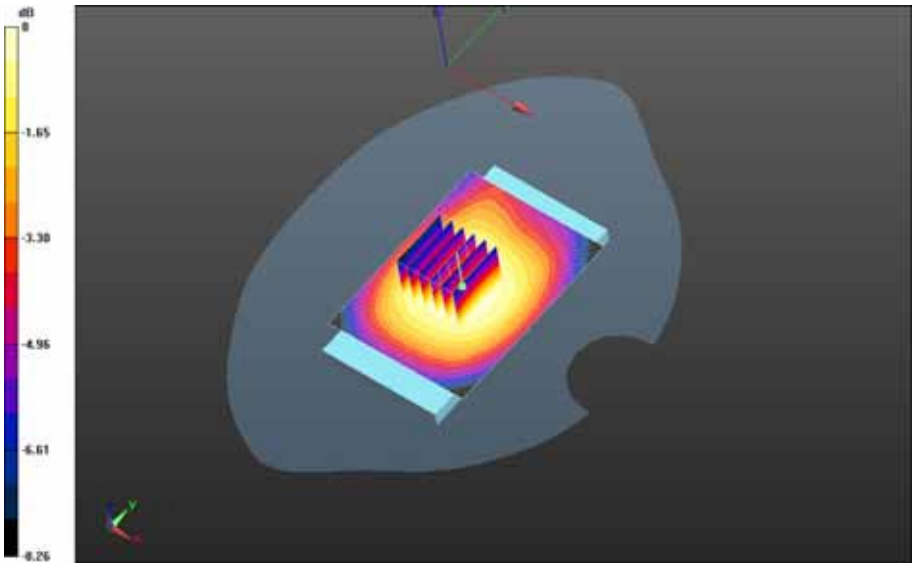
0 dB = 0.366 W/kg = -4.37 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front - UMTS band V_chan4182_amb_temp_23.9C_liq_temp_22.1C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.284 V/m; **Power Drift = 0.00149 dB**

Fast SAR: SAR(1g) = 0.354 W/kg; SAR(10g) = 0.251 W/kg
Maximum value of SAR (interpolated) = 0.372 W/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front - UMTS band V_chan4182_amb_temp_23.9C_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 = 20.284 V/m; **Power Drift = 0.00149 dB**

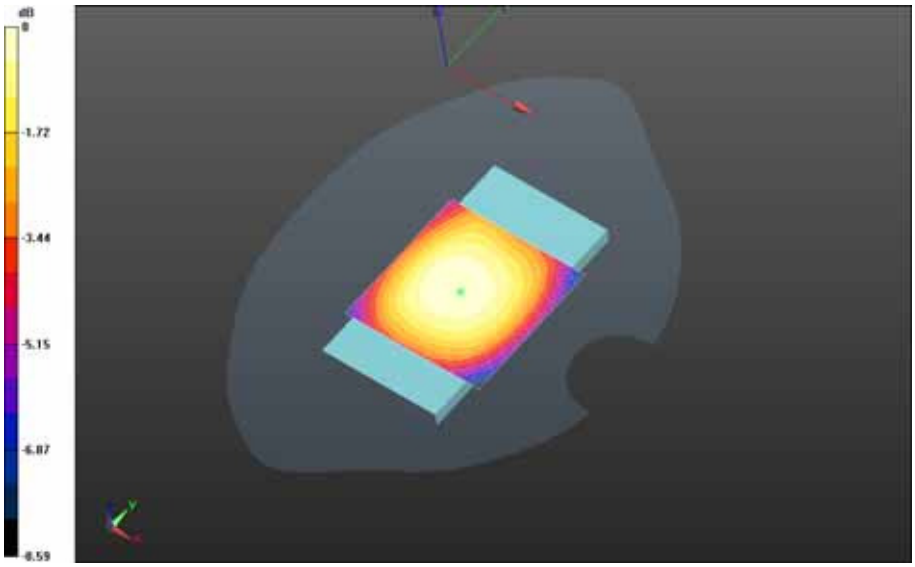
Averaged SAR: SAR(1g) = 0.343 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.406 W/kg



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

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front- UMTS band V_chan4233_amb_temp_23.9C_liq_temp_22.2C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.148 V/m; **Power Drift = 0.00488 dB**

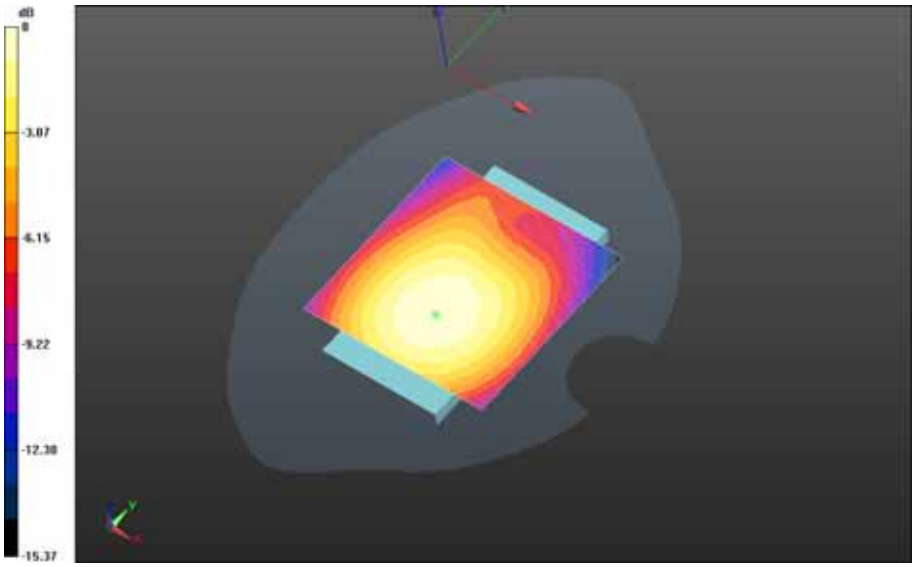
Fast SAR: SAR(1g) = 0.353 W/kg; SAR(10g) = 0.249 W/kg
Maximum value of SAR (interpolated) = 0.371 W/kg



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

Body Worn MSL - UMTS band V - Slider Closed/Holster Device Front - UMTS band V_chan4182_amb_temp_24.1C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.881 V/m; **Power Drift = 0.012 dB**

Fast SAR: SAR(1g) = 0.286 W/kg; SAR(10g) = 0.201 W/kg
Maximum value of SAR (interpolated) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

CDMA BC0 850

Date: 10/16/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Right-Hand-Side HSL - CDMA 850 BC0 - Slider Closed

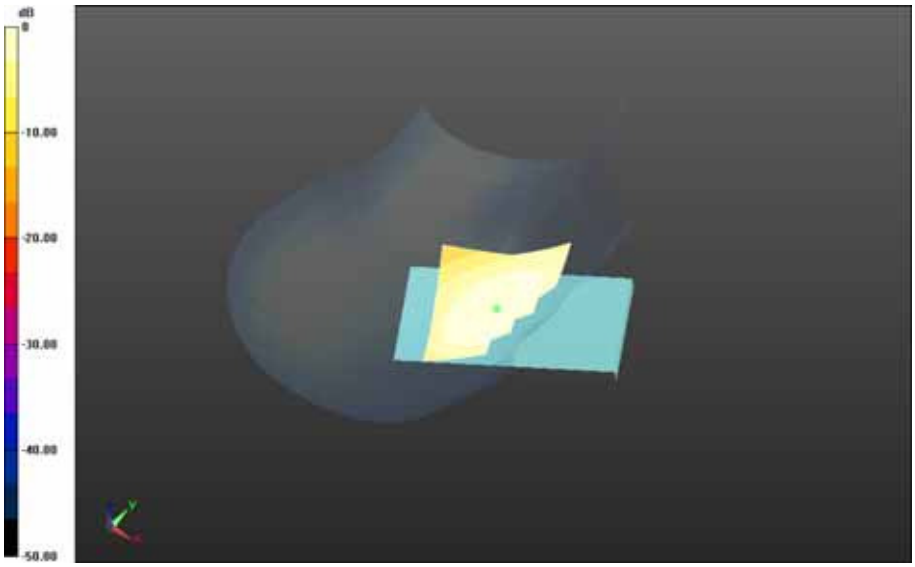
Communication System: CDMA 850 (0); Communication System Band: CDMA 2000 Cellular;
Frequency: 824.7 MHz
Medium Parameters used: f=825 MHz; σ = 0.889 S/m; ε_r = 40.643; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - CDMA 850 BC0 - Slider Closed/Touch Position - CDMA 850 BC0_chan1013_amb_temp_23.5C_liq_temp_21.9C/Area Scan (61x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 5.858 V/m; **Power Drift = 0.023 dB**

Fast SAR: SAR(1g) = 0.283 W/kg; SAR(10g) = 0.194 W/kg
Maximum value of SAR (interpolated) = 0.300 W/kg



0 dB = 0.300 W/kg = -5.23 dBW/kg

Right-Hand-Side HSL - CDMA 850 BC0 - Slider Closed/Touch Position - CDMA 850 BC0_chan384_amb_temp_23.6C_liq_temp_21.9C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.378 V/m; **Power Drift = 0.022 dB**

Fast SAR: SAR(1g) = 0.358 W/kg; SAR(10g) = 0.246 W/kg
Maximum value of SAR (interpolated) = 0.378 W/kg

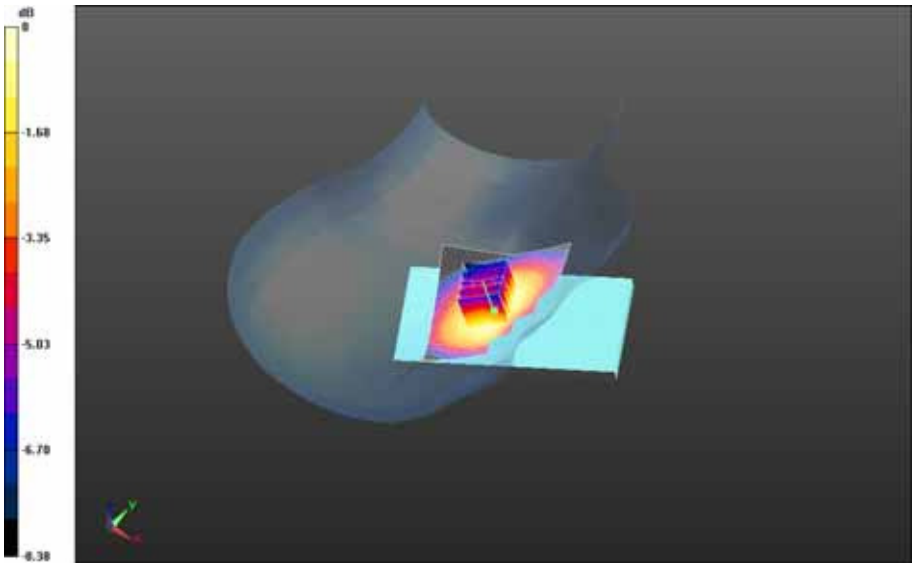
0 dB = 0.378 W/kg = -4.23 dBW/kg

Right-Hand-Side HSL - CDMA 850 BC0 - Slider Closed/Touch Position - CDMA 850 BC0_chan777_amb_temp_23.5C_liq_temp_21.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.680 V/m; **Power Drift = -0.00409 dB**

Fast SAR: SAR(1g) = 0.388 W/kg; SAR(10g) = 0.265 W/kg
Maximum value of SAR (interpolated) = 0.411 W/kg

Right-Hand-Side HSL - CDMA 850 BC0 - Slider Closed/Touch Position - CDMA 850 BC0_chan777_amb_temp_23.5C_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 = 6.680 V/m; **Power Drift = -0.00409 dB**

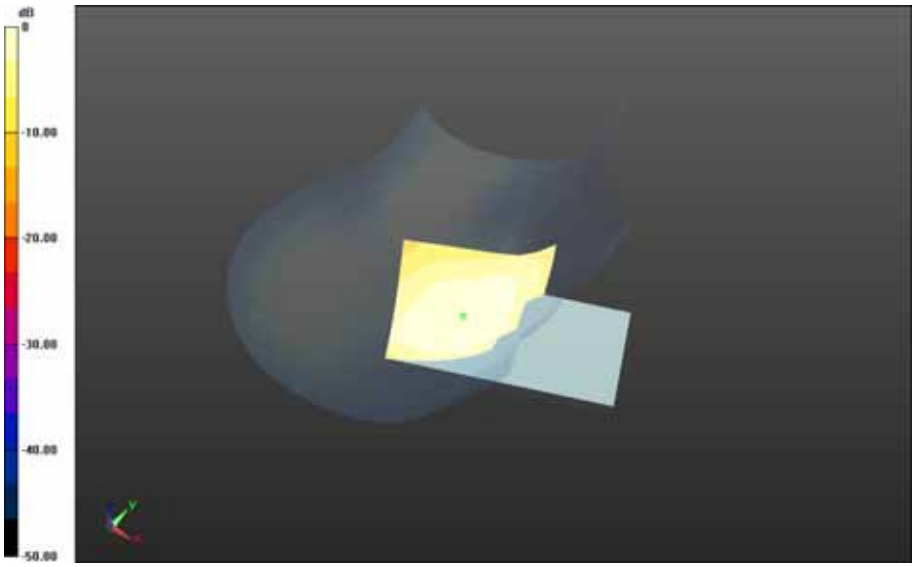
Averaged SAR: SAR(1g) = 0.389 W/kg; SAR(10g) = 0.303 W/kg
Maximum value of SAR (interpolated) = 0.458 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

Right-Hand-Side HSL - CDMA 850 BC0 - Slider Closed/Tilt Position - CDMA 850 BC0_chan384_amb_temp_24.1C_liq_temp_22.4C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.839 V/m; **Power Drift = 0.045 dB**

Fast SAR: SAR(1g) = 0.227 W/kg; SAR(10g) = 0.157 W/kg
Maximum value of SAR (interpolated) = 0.239 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg

Date: 10/16/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Left-Hand-Side HSL - CDMA 850 BC0 - Slider Closed

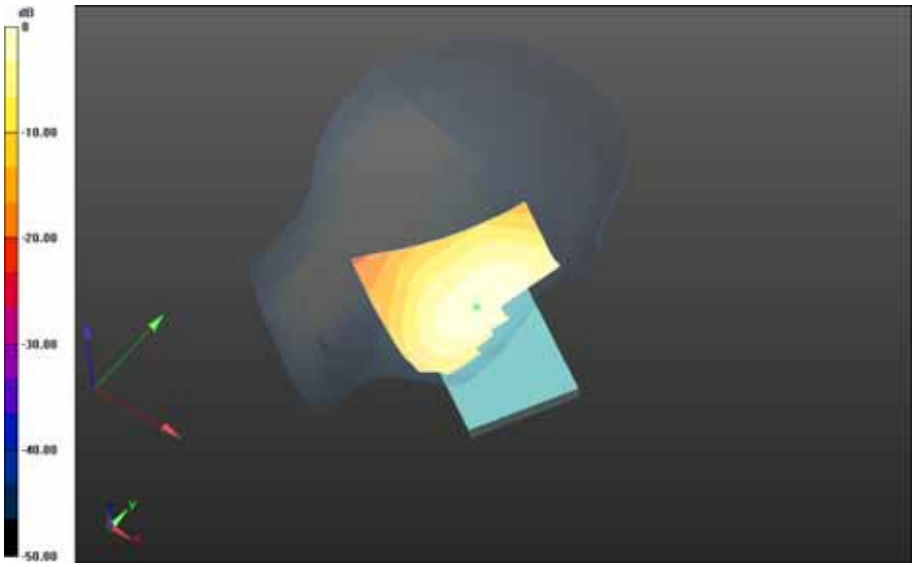
Communication System: CDMA 850 (0); Communication System Band: CDMA 2000 Cellular;
Frequency: 836.52 MHz
Medium Parameters used: f=836.52 MHz; σ = 0.898 S/m; ε_r = 40.425; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - CDMA 850 BC0 - Slider Closed/Touch Position - CDMA 850 BC0_chan384_amb_temp_23.7C_liq_temp_22.5C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.752 V/m; **Power Drift = 0.010 dB**

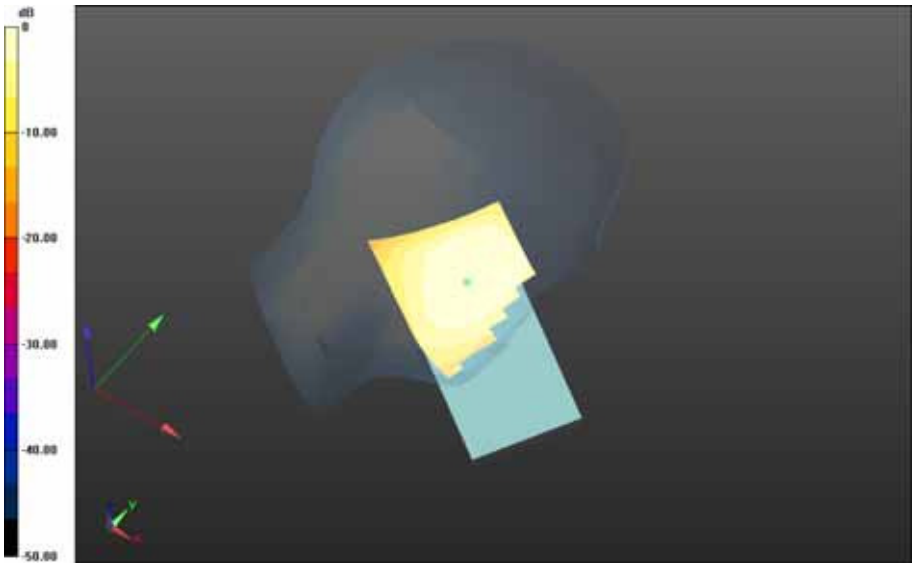
Fast SAR: SAR(1g) = 0.269 W/kg; SAR(10g) = 0.183 W/kg
Maximum value of SAR (interpolated) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Left-Hand-Side HSL - CDMA 850 BC0 - Slider Closed/Tilt Position - CDMA 850 BC0_chan384_amb_temp_23.7C_liq_temp_22.3C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.565 V/m; **Power Drift = 0.058 dB**

Fast SAR: SAR(1g) = 0.167 W/kg; SAR(10g) = 0.116 W/kg
Maximum value of SAR (interpolated) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Date: 10/16/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Right-Hand-Side HSL - CDMA 850 BC0 - Slider Open

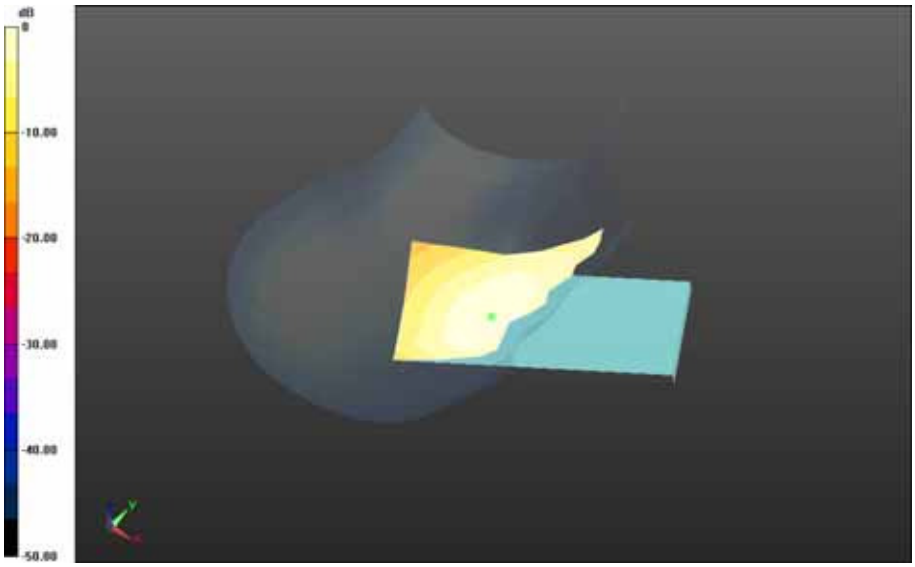
Communication System: CDMA 850 (0); Communication System Band: CDMA 2000 Cellular;
Frequency: 836.52 MHz
Medium Parameters used: f=836.52 MHz; σ = 0.898 S/m; ε_r = 40.425; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - CDMA 850 BC0 - Slider Open/Touch Position - CDMA 850 BC0_chan384_amb_temp_23.5C_liq_temp_22.0C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.072 V/m; **Power Drift = -0.032 dB**

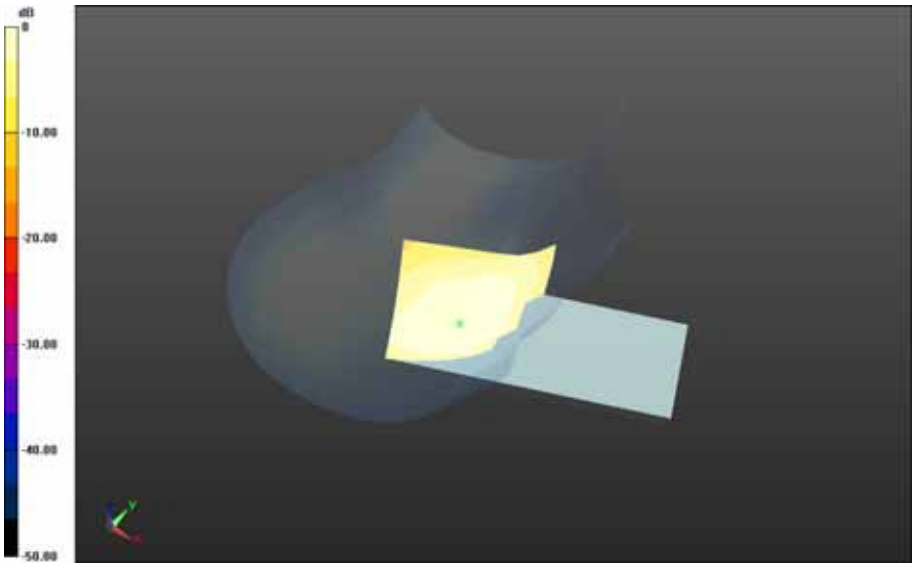
Fast SAR: SAR(1g) = 0.268 W/kg; SAR(10g) = 0.185 W/kg
Maximum value of SAR (interpolated) = 0.284 W/kg



0 dB = 0.284 W/kg = -5.47 dBW/kg

Right-Hand-Side HSL - CDMA 850 BC0 - Slider Open/Tilt Position - CDMA 850 BC0_chan384_amb_temp_23.9C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.184 V/m; **Power Drift = 0.042 dB**

Fast SAR: SAR(1g) = 0.152 W/kg; SAR(10g) = 0.105 W/kg
Maximum value of SAR (interpolated) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

Date: 10/16/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Left-Hand-Side HSL - CDMA 850 BC0 - Slider Open

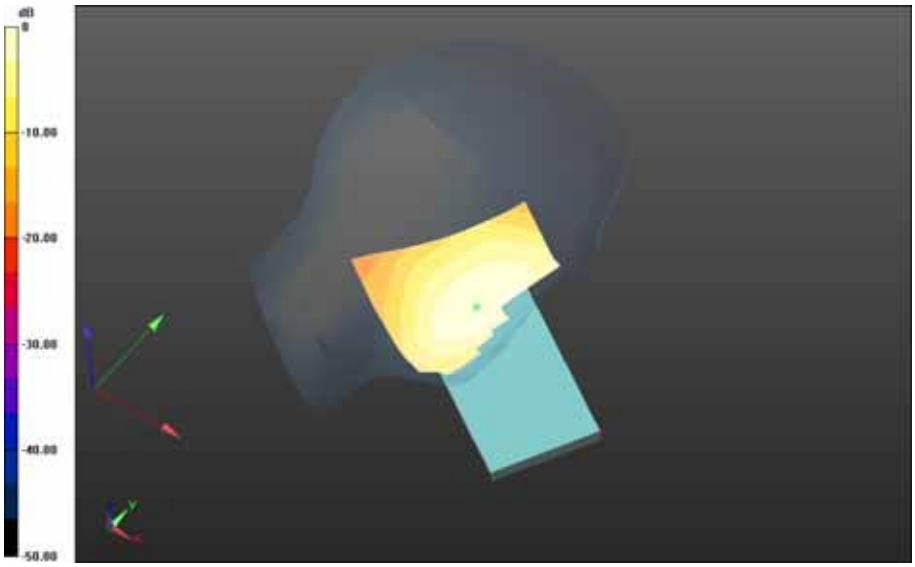
Communication System: CDMA 850 (0); Communication System Band: CDMA 2000 Cellular;
Frequency: 836.52 MHz
Medium Parameters used: f=836.52 MHz; σ = 0.898 S/m; ε_r = 40.425; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.09,6.09,6.09); 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 - CDMA 850 BC0 - Slider Open/Touch Position - CDMA 850 BC0_chan384_amb_temp_23.7C_liq_temp_22.5C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.916 V/m; **Power Drift = -0.044 dB**

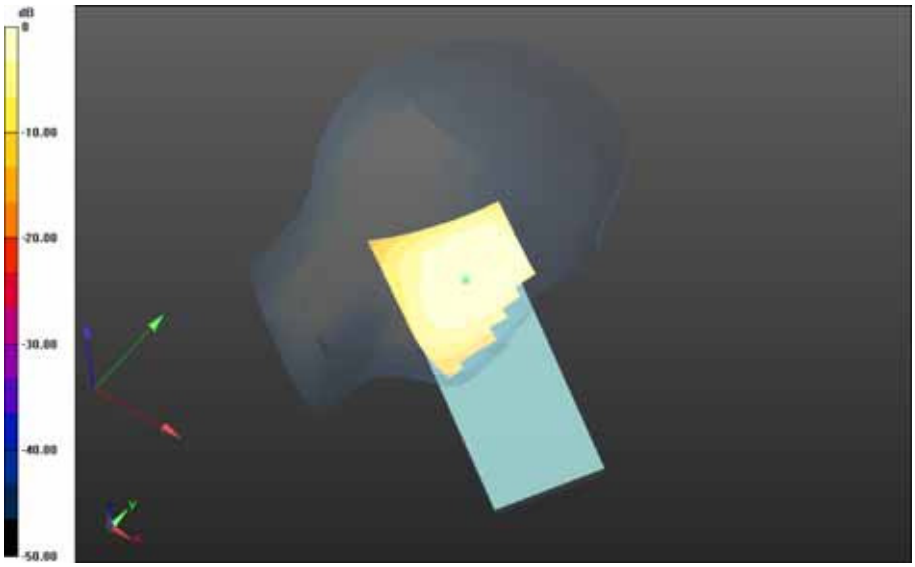
Fast SAR: SAR(1g) = 0.212 W/kg; SAR(10g) = 0.144 W/kg
Maximum value of SAR (interpolated) = 0.229 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg

Left-Hand-Side HSL - CDMA 850 BC0 - Slider Open/Tilt Position - CDMA 850 BC0_chan384_amb_temp_23.7C_liq_temp_22.5C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.923 V/m; **Power Drift = 0.122 dB**

Fast SAR: SAR(1g) = 0.126 W/kg; SAR(10g) = 0.0878 W/kg
Maximum value of SAR (interpolated) = 0.135 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

Date: 10/15/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Closed

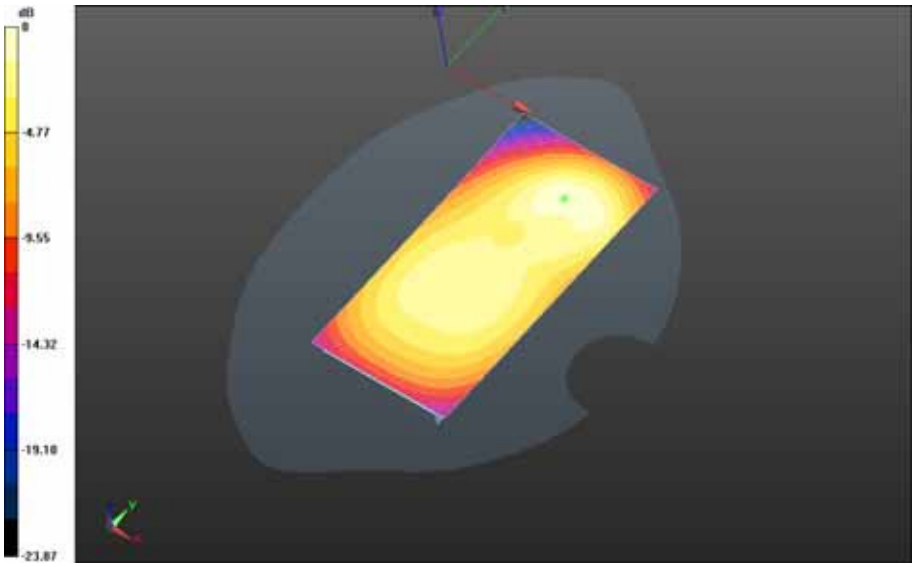
Communication System: CDMA 850 (0); Communication System Band: CDMA 2000 Cellular;
Frequency: 836.52 MHz
Medium Parameters used: f=836.52 MHz; σ = 0.994 S/m; ε_r = 53.138; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 - CDMA 850 BC0 - Slider Closed/10mm Device Back - CDMA 850 BC0_chan384_amb_temp_24.2C_liq_temp_22.5C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.073 V/m; **Power Drift = -0.00184 dB**

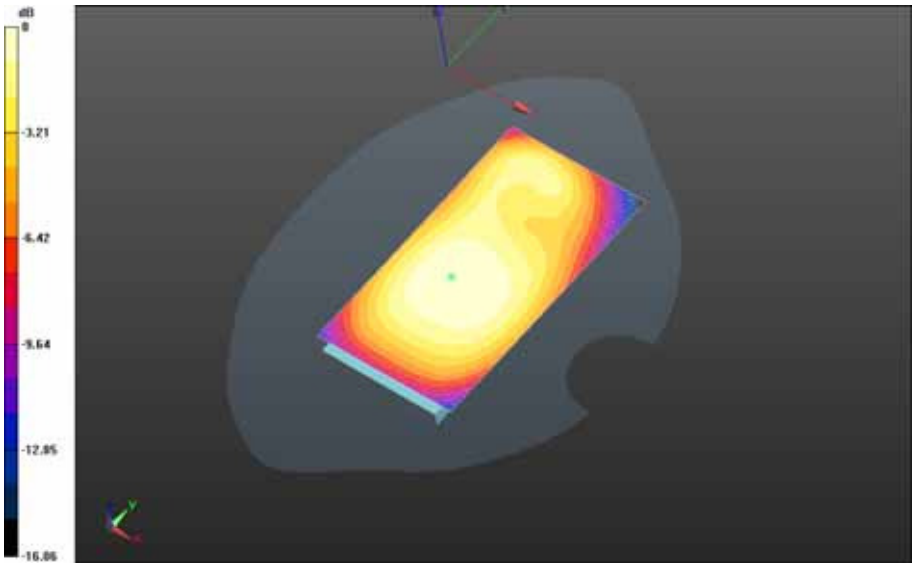
Fast SAR: SAR(1g) = 0.488 W/kg; SAR(10g) = 0.316 W/kg
Maximum value of SAR (interpolated) = 0.535 W/kg



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

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Closed/10mm Device Front - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.4C/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.479 V/m; **Power Drift = 0.00839 dB**

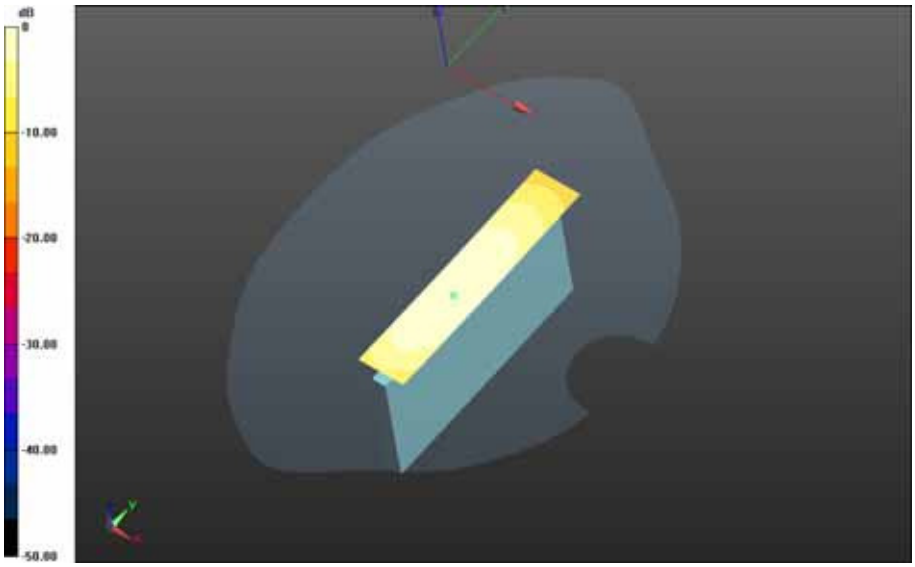
Fast SAR: SAR(1g) = 0.404 W/kg; SAR(10g) = 0.286 W/kg
Maximum value of SAR (interpolated) = 0.425 W/kg



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

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Closed/10mm Device Left - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.852 V/m; **Power Drift = 0.011 dB**

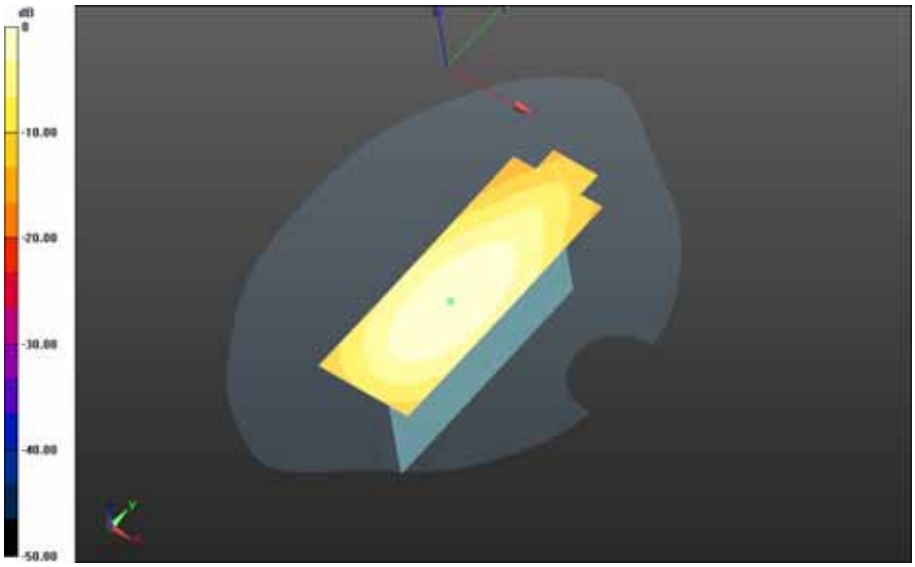
Fast SAR: SAR(1g) = 0.246 W/kg; SAR(10g) = 0.167 W/kg
Maximum value of SAR (interpolated) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Closed/10mm Device Right - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.948 V/m; **Power Drift = -0.00273 dB**

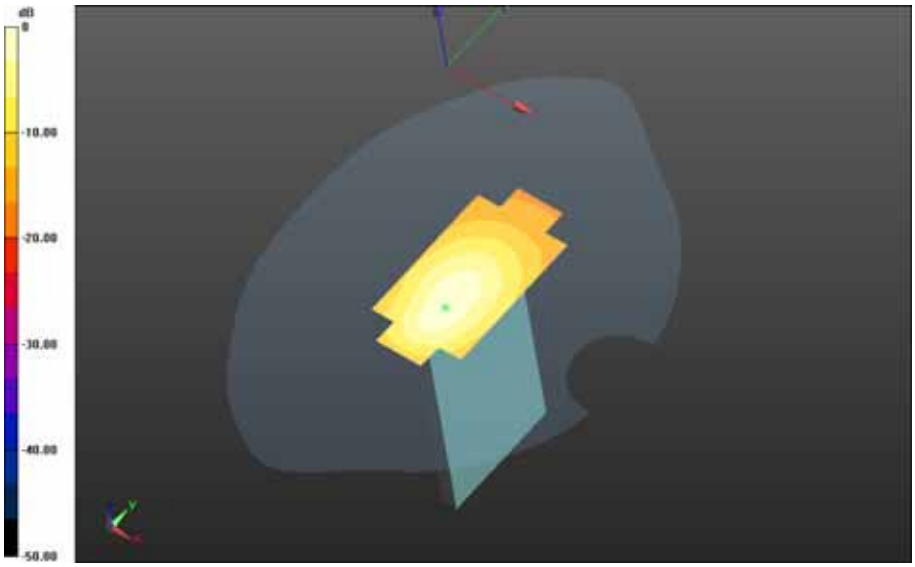
Fast SAR: SAR(1g) = 0.401 W/kg; SAR(10g) = 0.270 W/kg
Maximum value of SAR (interpolated) = 0.433 W/kg



0 dB = 0.433 W/kg = -3.64 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Closed/10mm Device Bottom - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.959 V/m; **Power Drift = -0.013 dB**

Fast SAR: SAR(1g) = 0.358 W/kg; SAR(10g) = 0.212 W/kg
Maximum value of SAR (interpolated) = 0.405 W/kg



0 dB = 0.405 W/kg = -3.93 dBW/kg

Date: 10/15/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open

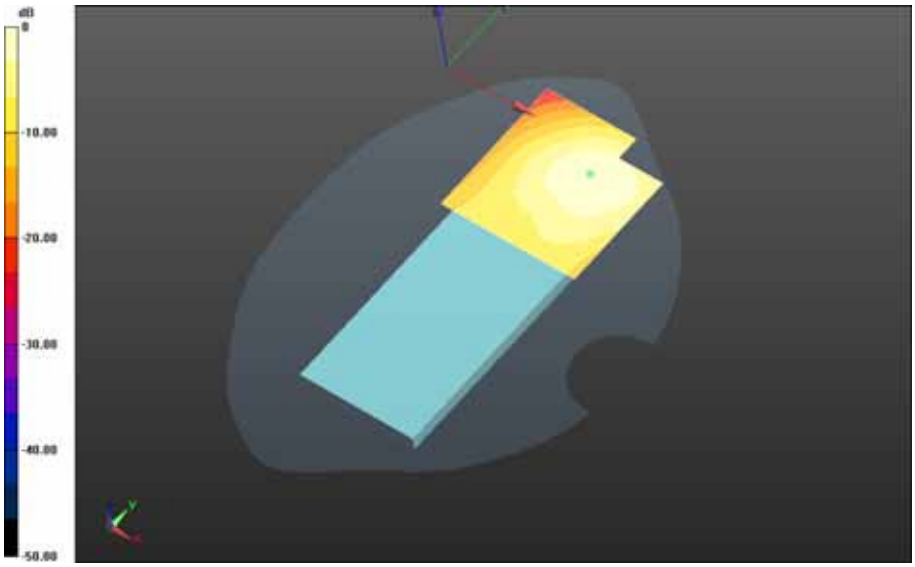
Communication System: CDMA 850 (0); Communication System Band: CDMA 2000 Cellular;
Frequency: 824.7 MHz
Medium Parameters used: f=825 MHz; σ = 0.983 S/m; ε_r = 53.660; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 - CDMA 850 BC0 - Slider Open/10mm Device Back - CDMA 850 BC0_chan1013_amb_temp_23.8C_liq_temp_22.4C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.397 V/m; **Power Drift = 0.00689 dB**

Fast SAR: SAR(1g) = 0.484 W/kg; SAR(10g) = 0.311 W/kg
Maximum value of SAR (interpolated) = 0.529 W/kg



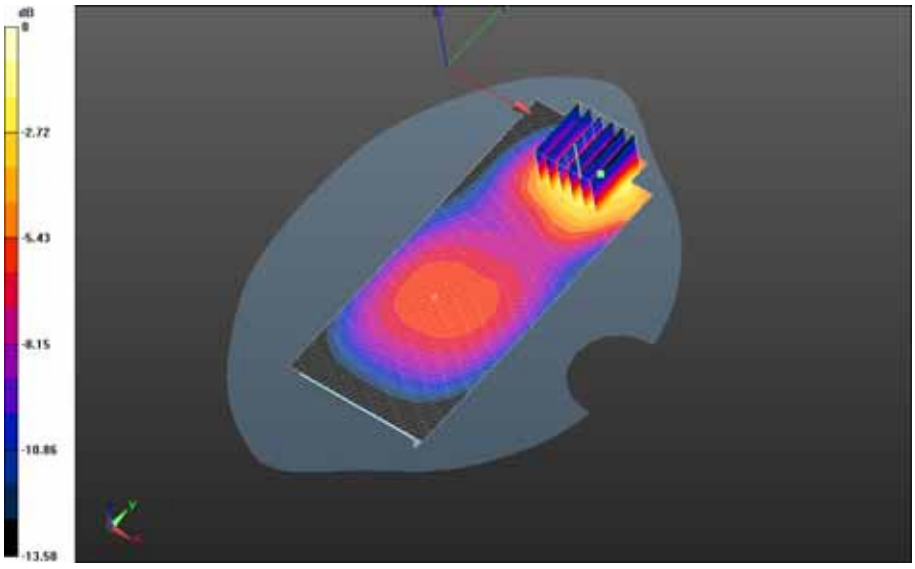
0 dB = 0.529 W/kg = -2.77 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Back - CDMA 850 BC0_chan384_amb_temp_24.0C_liq_temp_22.5C/Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.011 V/m; **Power Drift = -0.039 dB**

Fast SAR: SAR(1g) = 0.572 W/kg; SAR(10g) = 0.373 W/kg
Maximum value of SAR (interpolated) = 0.634 W/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Back - CDMA 850 BC0_chan384_amb_temp_24.0C_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 = 14.011 V/m; **Power Drift = -0.039 dB**

Averaged SAR: SAR(1g) = 0.631 W/kg; SAR(10g) = 0.349 W/kg
Maximum value of SAR (interpolated) = 1.16 W/kg



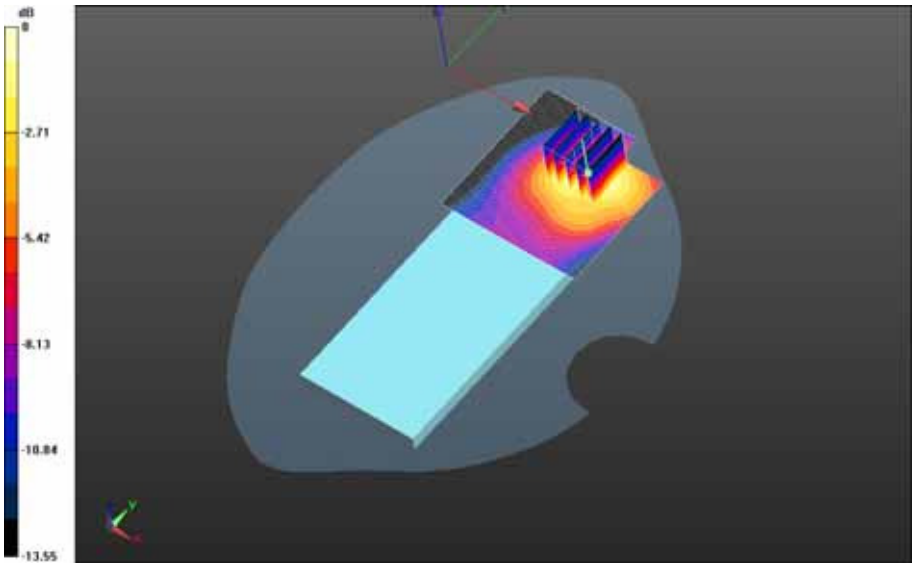
0 dB = 0.671 W/kg = -1.73 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Back - CDMA 850 BC0_chan777_amb_temp_23.8C_liq_temp_22.4C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.144 V/m; **Power Drift = -0.032 dB**

Fast SAR: SAR(1g) = 0.713 W/kg; SAR(10g) = 0.456 W/kg
Maximum value of SAR (interpolated) = 0.782 W/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Back - CDMA 850 BC0_chan777_amb_temp_23.8C_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 = 14.144 V/m; **Power Drift = -0.032 dB**

Averaged SAR: SAR(1g) = 0.751 W/kg; SAR(10g) = 0.416 W/kg
Maximum value of SAR (interpolated) = 1.36 W/kg



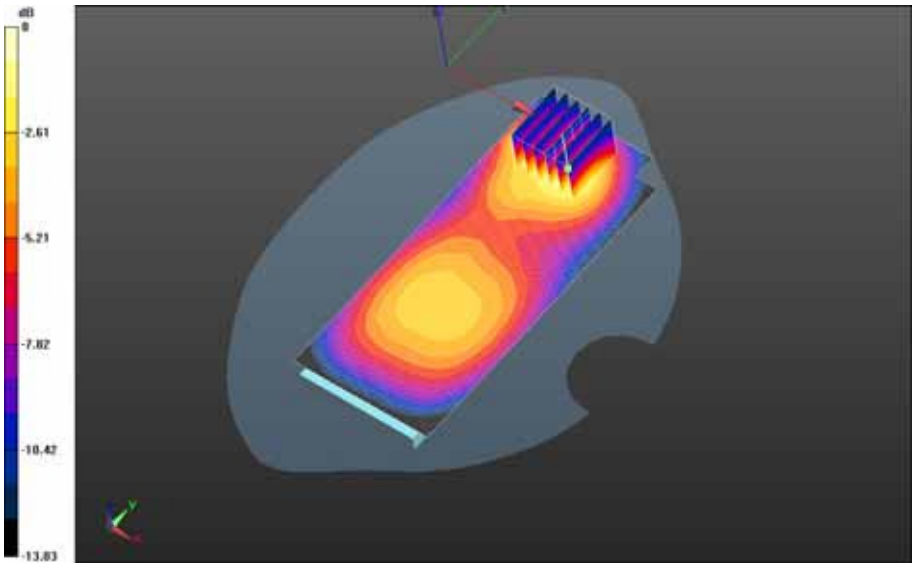
0 dB = 0.842 W/kg = -0.75 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Front - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.4C/Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.719 V/m; **Power Drift = -0.012 dB**

Fast SAR: SAR(1g) = 0.388 W/kg; SAR(10g) = 0.257 W/kg
Maximum value of SAR (interpolated) = 0.423 W/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Front - CDMA 850 BC0_chan384_amb_temp_23.8C_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 = 14.719 V/m; **Power Drift = -0.012 dB**

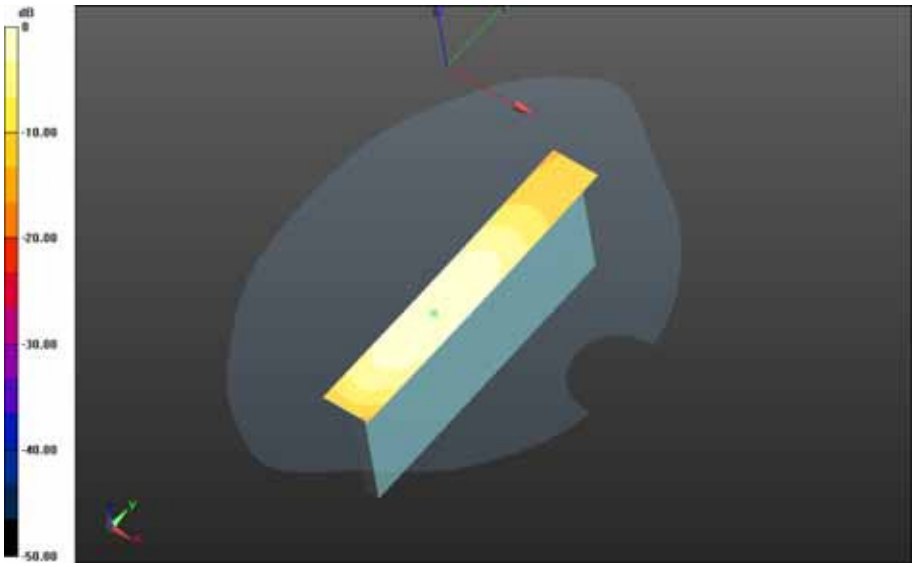
Averaged SAR: SAR(1g) = 0.392 W/kg; SAR(10g) = 0.238 W/kg
Maximum value of SAR (interpolated) = 0.627 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Left - CDMA 850 BC0_chan384_amb_temp_23.9C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.053 V/m; **Power Drift = 0.066 dB**

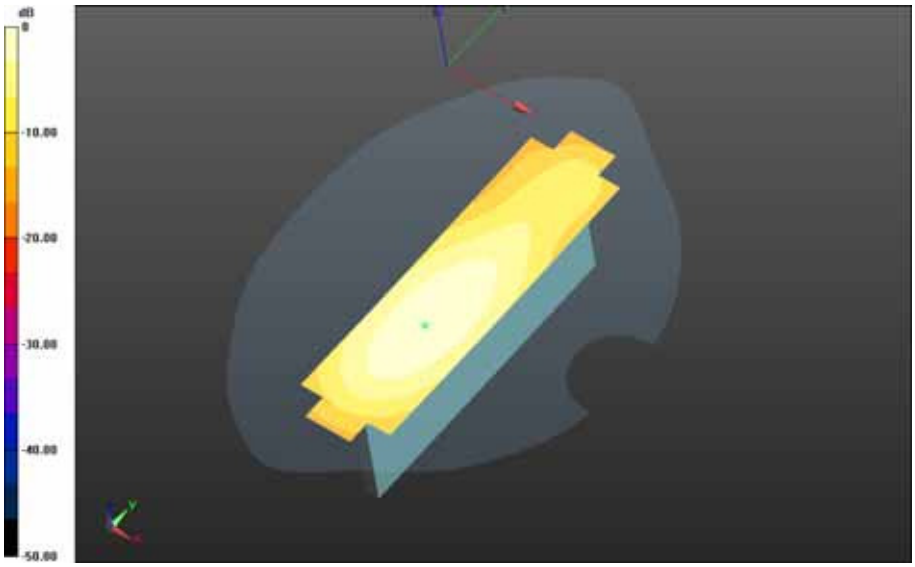
Fast SAR: SAR(1g) = 0.170 W/kg; SAR(10g) = 0.115 W/kg
Maximum value of SAR (interpolated) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Right - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.782 V/m; **Power Drift = 0.00769 dB**

Fast SAR: SAR(1g) = 0.319 W/kg; SAR(10g) = 0.214 W/kg
Maximum value of SAR (interpolated) = 0.341 W/kg



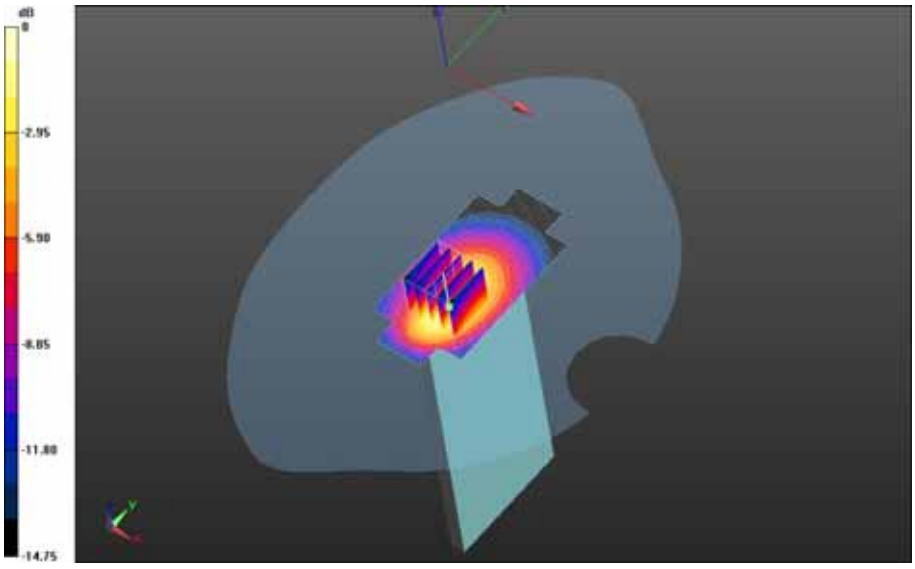
0 dB = 0.341 W/kg = -4.67 dBW/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Bottom - CDMA 850 BC0_chan384_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.531 V/m; **Power Drift = -0.054 dB**

Fast SAR: SAR(1g) = 0.363 W/kg; SAR(10g) = 0.221 W/kg
Maximum value of SAR (interpolated) = 0.405 W/kg

Mobile Hot Spot MSL - CDMA 850 BC0 - Slider Open/10mm Device Bottom - CDMA 850 BC0_chan384_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 = 18.531 V/m; **Power Drift = -0.054 dB**

Averaged SAR: SAR(1g) = 0.371 W/kg; SAR(10g) = 0.212 W/kg
Maximum value of SAR (interpolated) = 0.638 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Date: 10/15/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791942

Configuration: Body Worn MSL - CDMA 850 BC0 - Slider Closed

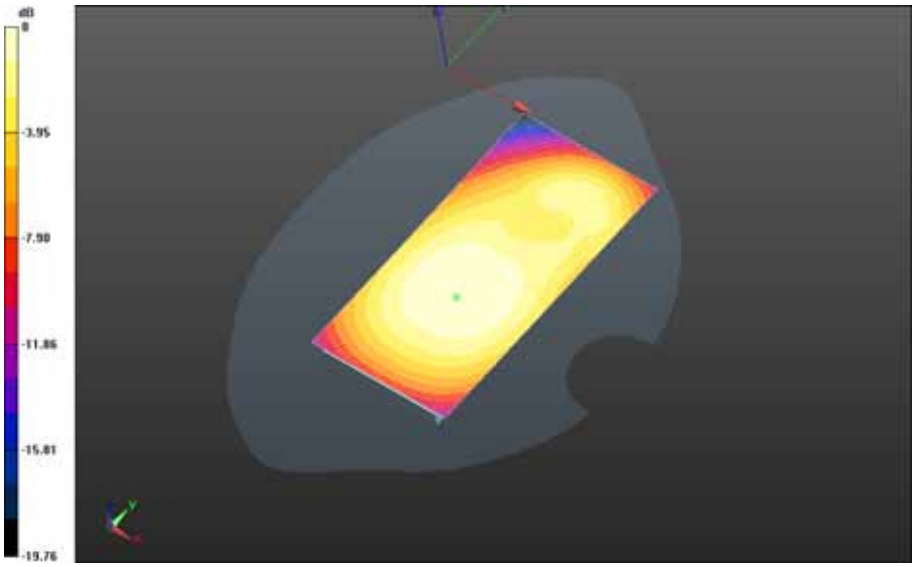
Communication System: CDMA 850 (0); Communication System Band: CDMA 2000 Cellular;
Frequency: 836.52 MHz
Medium Parameters used: f=836.52 MHz; σ = 0.994 S/m; ε_r = 53.138; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); 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 - CDMA 850 BC0 - Slider Closed/15mm Device Back - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.662 V/m; **Power Drift = 0.038 dB**

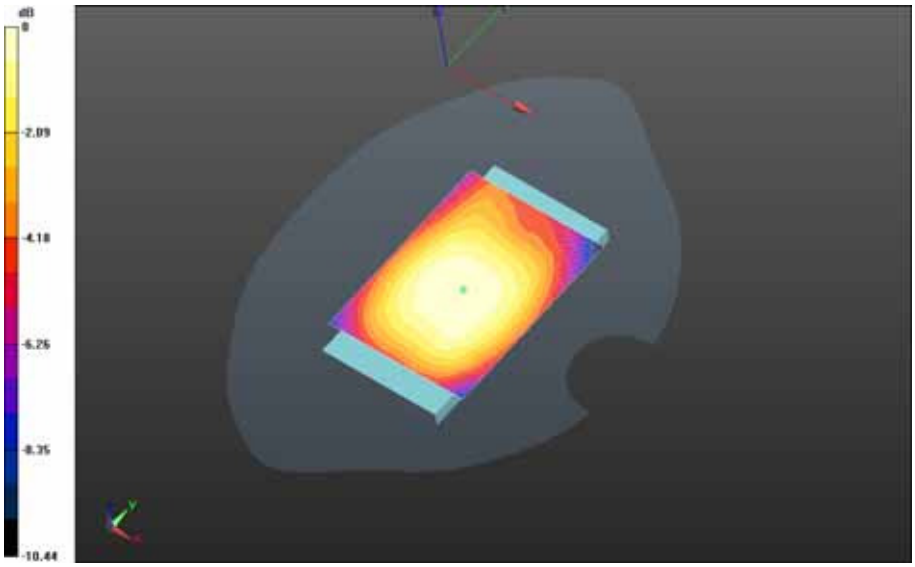
Fast SAR: SAR(1g) = 0.301 W/kg; SAR(10g) = 0.214 W/kg
Maximum value of SAR (interpolated) = 0.316 W/kg



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

Body Worn MSL - CDMA 850 BC0 - Slider Closed/15mm Device Front - CDMA 850 BC0_chan1013_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.316 V/m; **Power Drift = -0.00443 dB**

Fast SAR: SAR(1g) = 0.289 W/kg; SAR(10g) = 0.206 W/kg
Maximum value of SAR (interpolated) = 0.304 W/kg



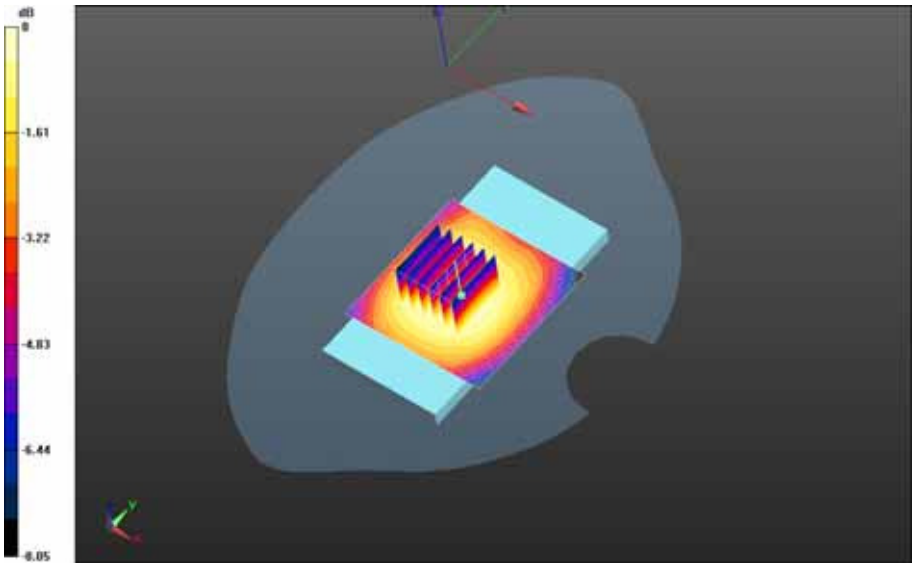
0 dB = 0.304 W/kg = -5.17 dBW/kg

Body Worn MSL - CDMA 850 BC0 - Slider Closed/15mm Device Front- CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.687 V/m; **Power Drift = -0.039 dB**

Fast SAR: SAR(1g) = 0.339 W/kg; SAR(10g) = 0.240 W/kg
Maximum value of SAR (interpolated) = 0.355 W/kg

Body Worn MSL - CDMA 850 BC0 - Slider Closed/15mm Device Front- CDMA 850 BC0_chan384_amb_temp_23.8C_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 = 19.687 V/m; **Power Drift = -0.039 dB**

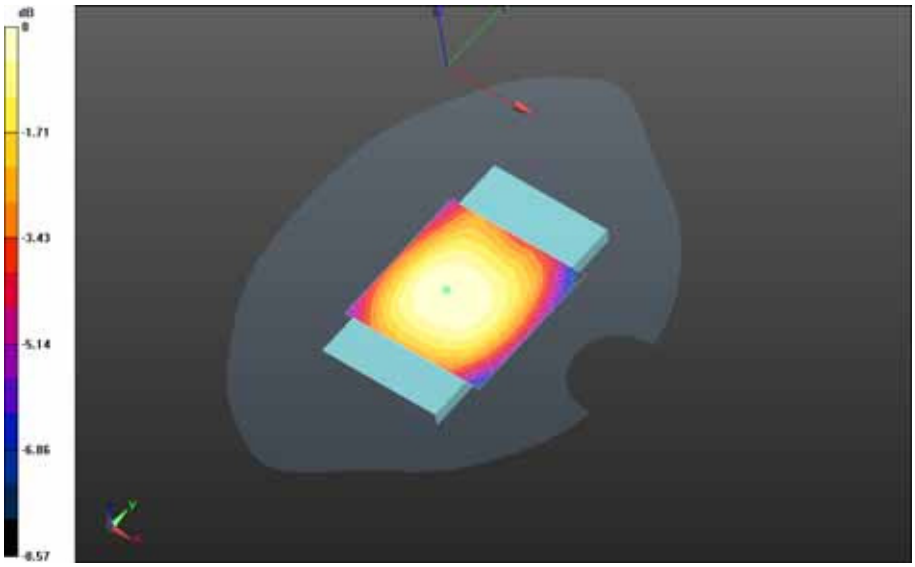
Averaged SAR: SAR(1g) = 0.342 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.403 W/kg



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

Body Worn MSL - CDMA 850 BC0 - Slider Closed/15mm Device Front - CDMA 850 BC0_chan777_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.256 V/m; **Power Drift = -0.043 dB**

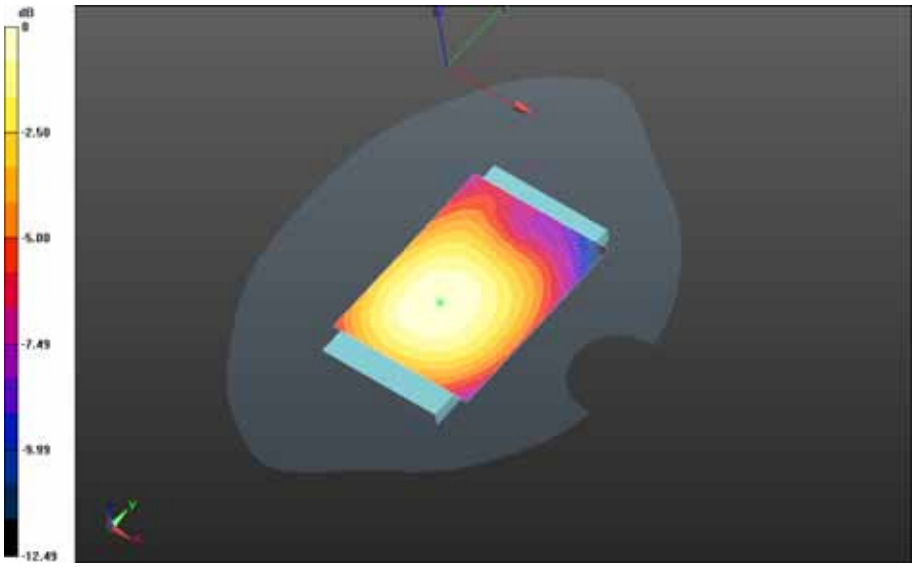
Fast SAR: SAR(1g) = 0.334 W/kg; SAR(10g) = 0.237 W/kg
Maximum value of SAR (interpolated) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

Body Worn MSL - CDMA 850 BC0 - Slider Closed/Holster Device Front - CDMA 850 BC0_chan384_amb_temp_23.8C_liq_temp_22.4C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.234 V/m; **Power Drift = -0.060 dB**

Fast SAR: SAR(1g) = 0.279 W/kg; SAR(10g) = 0.197 W/kg
Maximum value of SAR (interpolated) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg