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

Rev 2 changes:

Replaced head SAR test data and plots for LTE band 5 with correct ones that were tested on this device model.

LTE Band 12

Date: 8/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Right-Hand-Side HSL - LTE Band 12_slider closed

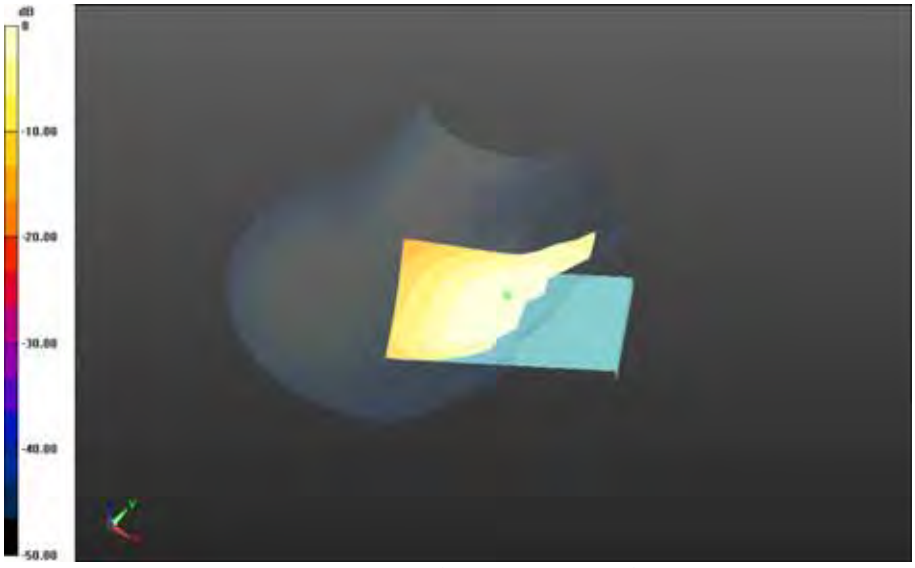
Communication System: LTE 12 (0); Communication System Band: LTE band 12; Frequency: 704 MHz
Medium Parameters used: f=704 MHz; σ = 0.870 S/m; ε_r = 42.827; ρ = 1.000 g/cm^3
Phantom section: Right Section

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 12_slider closed/Touch Position -LTE band 12_chan23060_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.586 V/m; **Power Drift = 0.065 dB**

Fast SAR: SAR(1g) = 0.187 W/kg; SAR(10g) = 0.129 W/kg
Maximum value of SAR (interpolated) = 0.197 W/kg



0 dB = 0.197 W/kg = -7.06 dBW/kg

Right-Hand-Side HSL - LTE Band 12_slider closed/Touch Position -LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.703 V/m; **Power Drift = -0.019 dB**

Fast SAR: SAR(1g) = 0.201 W/kg; SAR(10g) = 0.139 W/kg
Maximum value of SAR (interpolated) = 0.211 W/kg

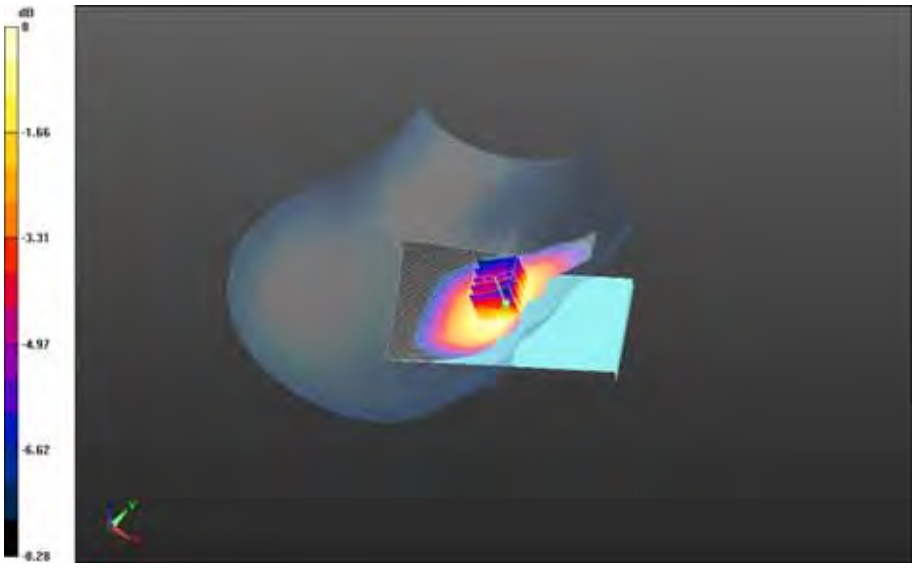
0 dB = 0.211 W/kg = -6.76 dBW/kg

Right-Hand-Side HSL - LTE Band 12_slider closed/Touch Position -LTE band 12_chan23130_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.800 V/m; **Power Drift = 0.068 dB**

Fast SAR: SAR(1g) = 0.219 W/kg; SAR(10g) = 0.151 W/kg
Maximum value of SAR (interpolated) = 0.230 W/kg

Right-Hand-Side HSL - LTE Band 12_slider closed/Touch Position -LTE band 12_chan23130_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_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 = 5.800 V/m; **Power Drift = 0.068 dB**

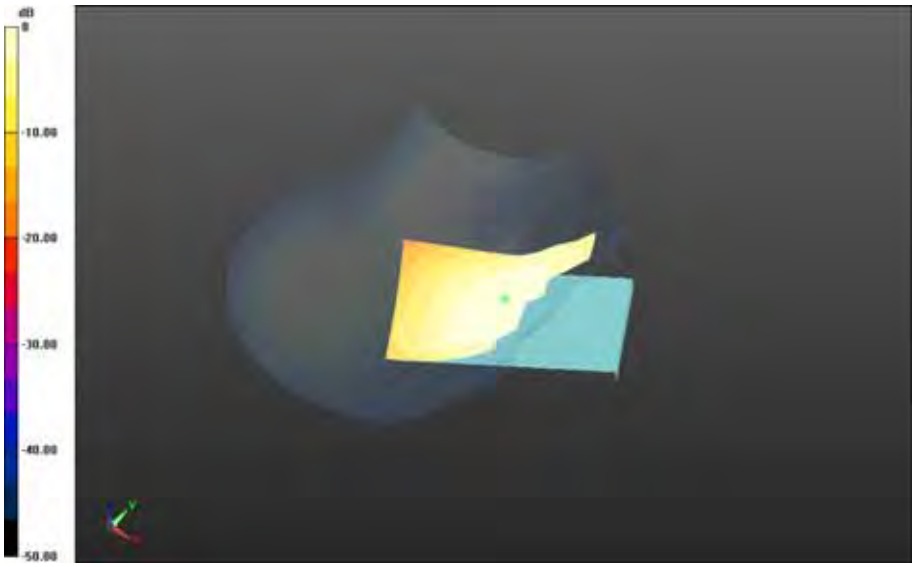
Averaged SAR: SAR(1g) = 0.222 W/kg; SAR(10g) = 0.174 W/kg
Maximum value of SAR (interpolated) = 0.263 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

Right-Hand-Side HSL - LTE Band 12_slider closed/Touch Position -LTE band 12_chan23130_10MHz_BW_RB25_Offset_High_amb_temp_23.8C_liq_temp_20.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.508 V/m; **Power Drift = -0.055 dB**

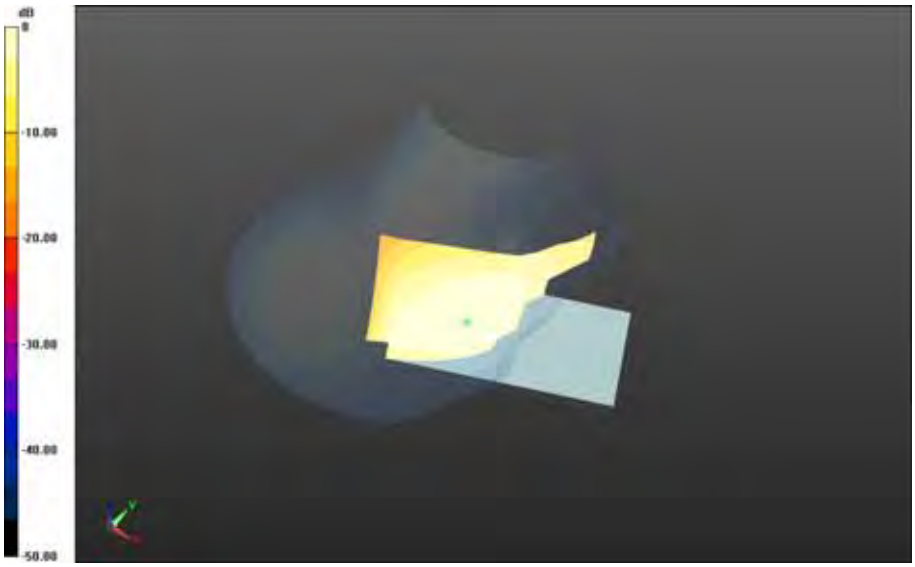
Fast SAR: SAR(1g) = 0.187 W/kg; SAR(10g) = 0.129 W/kg
Maximum value of SAR (interpolated) = 0.197 W/kg



0 dB = 0.197 W/kg = -7.06 dBW/kg

Right-Hand-Side HSL - LTE Band 12_slider closed/Tilt Position -LTE band 12_chan23095_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 = 9.612 V/m; **Power Drift = 0.095 dB**

Fast SAR: SAR(1g) = 0.125 W/kg; SAR(10g) = 0.0881 W/kg
Maximum value of SAR (interpolated) = 0.129 W/kg



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

Date: 8/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Left-Hand-Side HSL - LTE Band 12_slider closed

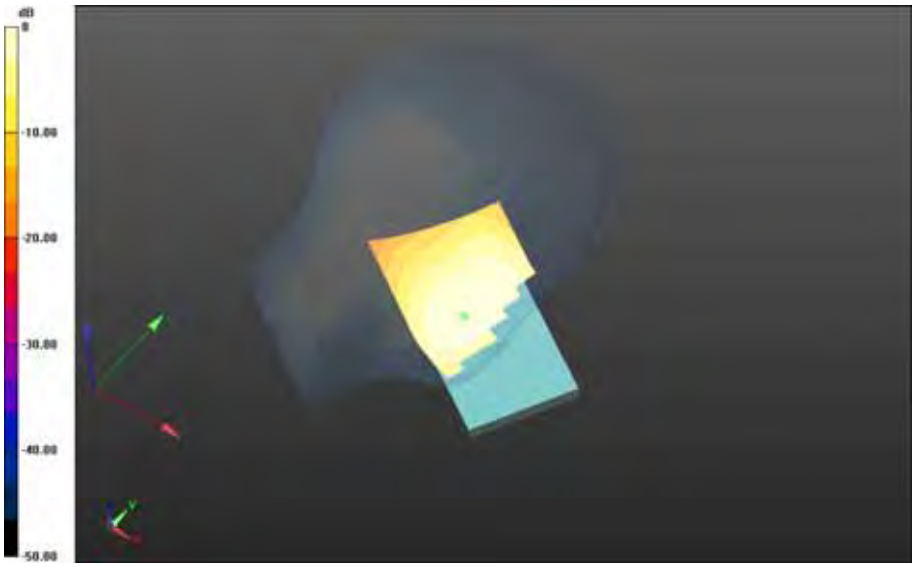
Communication System: LTE 12 (0); Communication System Band: LTE band 12; Frequency: 707.5 MHz
Medium Parameters used: f=707.5 MHz; σ = 0.872 S/m; ε_r = 42.787; ρ = 1.000 g/cm^3
Phantom section: Left Section

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 12_slider closed/Touch Position - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.5C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.262 V/m; **Power Drift = -0.122 dB**

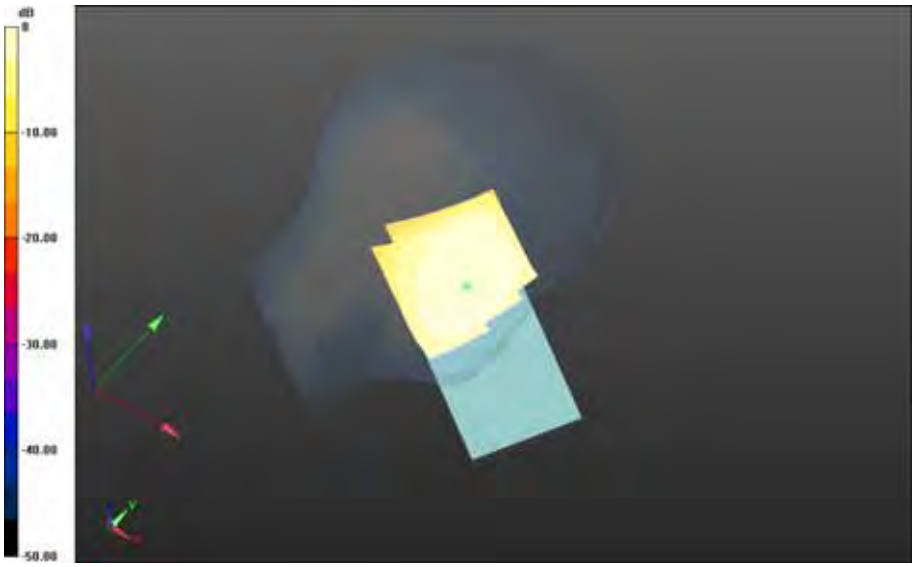
Fast SAR: SAR(1g) = 0.180 W/kg; SAR(10g) = 0.126 W/kg
Maximum value of SAR (interpolated) = 0.187 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg

Left-Hand-Side HSL - LTE Band 12_slider closed/Tilt Position - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.667 V/m; **Power Drift = -0.028 dB**

Fast SAR: SAR(1g) = 0.124 W/kg; SAR(10g) = 0.0883 W/kg
Maximum value of SAR (interpolated) = 0.129 W/kg



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

Date: 8/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Right-Hand-Side HSL - LTE Band 12_slider open

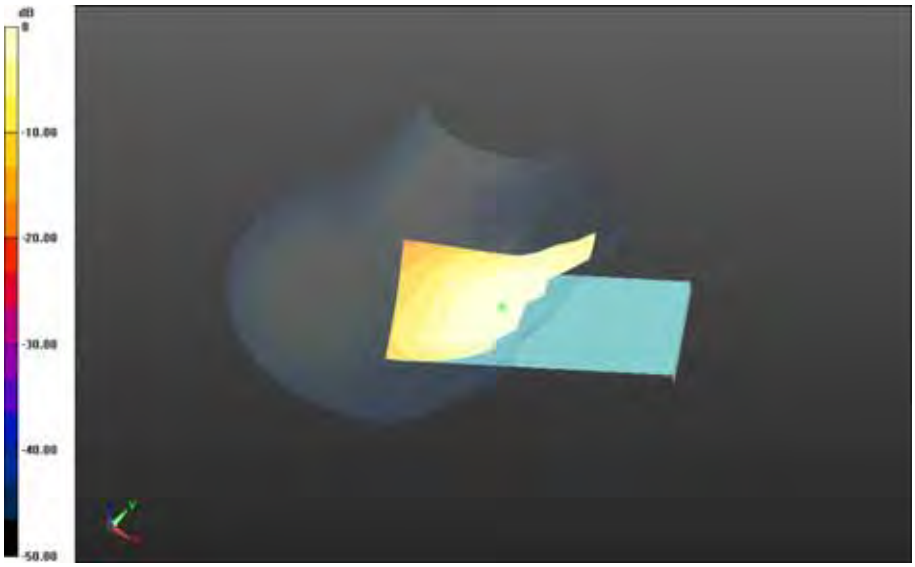
Communication System: LTE 12 (0); Communication System Band: LTE band 12; Frequency: 707.5 MHz
Medium Parameters used: f=707.5 MHz; σ = 0.872 S/m; ε_r = 42.787; ρ = 1.000 g/cm^3
Phantom section: Right Section

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 12_slider open/Touch Position -LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.5C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.500 V/m; **Power Drift = -0.013 dB**

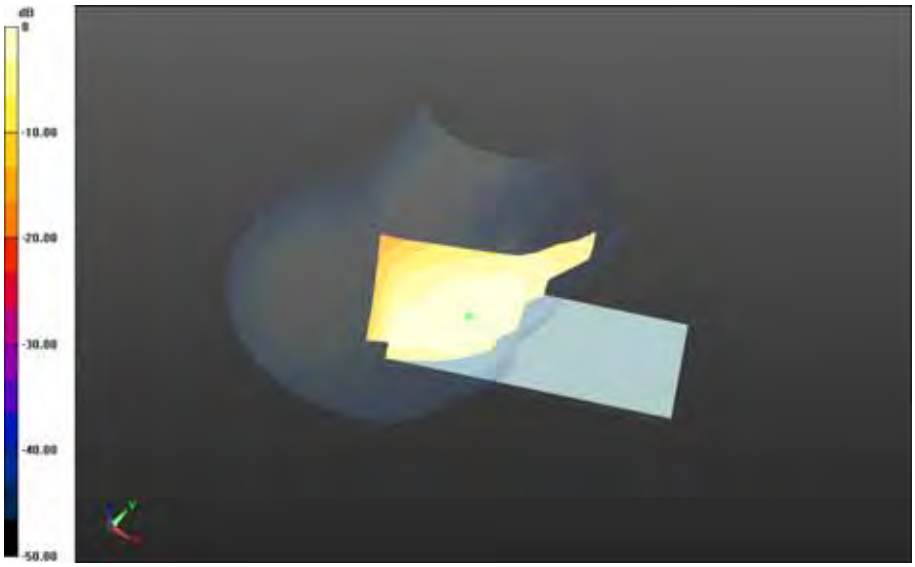
Fast SAR: SAR(1g) = 0.122 W/kg; SAR(10g) = 0.0849 W/kg
Maximum value of SAR (interpolated) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

Right-Hand-Side HSL - LTE Band 12_slider open/Tilt Position -LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.338 V/m; **Power Drift = 0.067 dB**

Fast SAR: SAR(1g) = 0.0716 W/kg; SAR(10g) = 0.0503 W/kg
Maximum value of SAR (interpolated) = 0.0741 W/kg



0 dB = 0.0741 W/kg = -11.30 dBW/kg

Date: 8/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Left-Hand-Side HSL - LTE Band 12_slider open

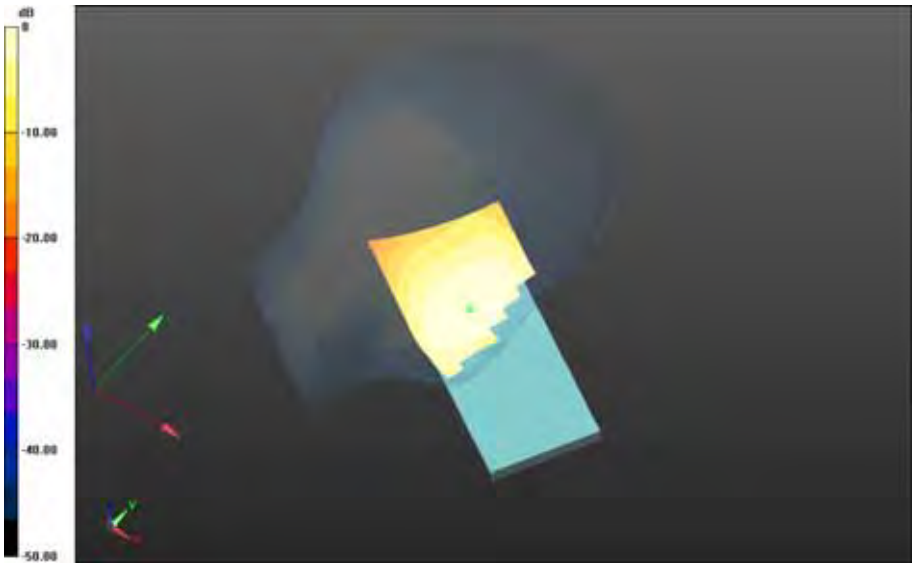
Communication System: LTE 12 (0); Communication System Band: LTE band 12; Frequency: 707.5 MHz
Medium Parameters used: f=707.5 MHz; σ = 0.872 S/m; ε_r = 42.787; ρ = 1.000 g/cm^3
Phantom section: Left Section

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 12_slider open/Touch Position - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.5C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.624 V/m; **Power Drift = -0.085 dB**

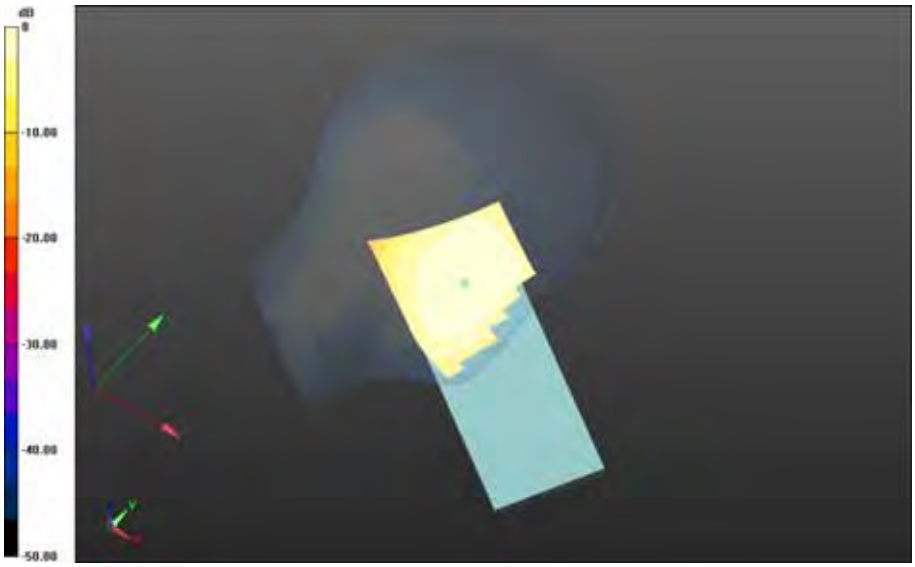
Fast SAR: SAR(1g) = 0.124 W/kg; SAR(10g) = 0.0855 W/kg
Maximum value of SAR (interpolated) = 0.129 W/kg



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

Left-Hand-Side HSL - LTE Band 12_slider open/Tilt Position - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.5C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.282 V/m; **Power Drift = 0.0068 dB**

Fast SAR: SAR(1g) = 0.0625 W/kg; SAR(10g) = 0.0439 W/kg
Maximum value of SAR (interpolated) = 0.0653 W/kg



0 dB = 0.0653 W/kg = -11.85 dBW/kg

Date: 8/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Mobile Hot Spot MSL - LTE Band 12_slider closed

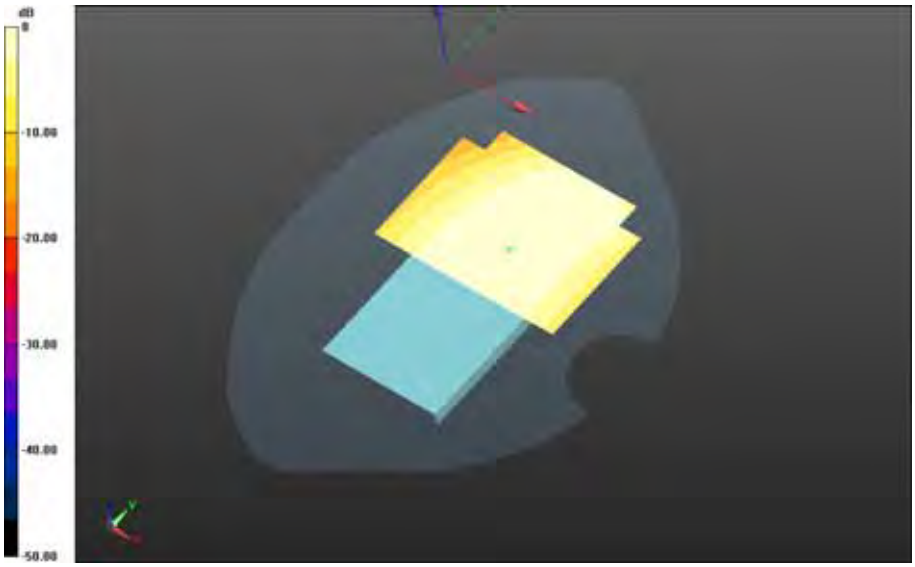
Communication System: LTE 12 (0); Communication System Band: LTE band 12; Frequency: 704 MHz
Medium Parameters used: f=704 MHz; σ = 0.929 S/m; ε_r = 56.330; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 12_slider closed/10mm Device Back - LTE band 12_chan23060_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.5C/Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.662 V/m; **Power Drift = 0.153 dB**

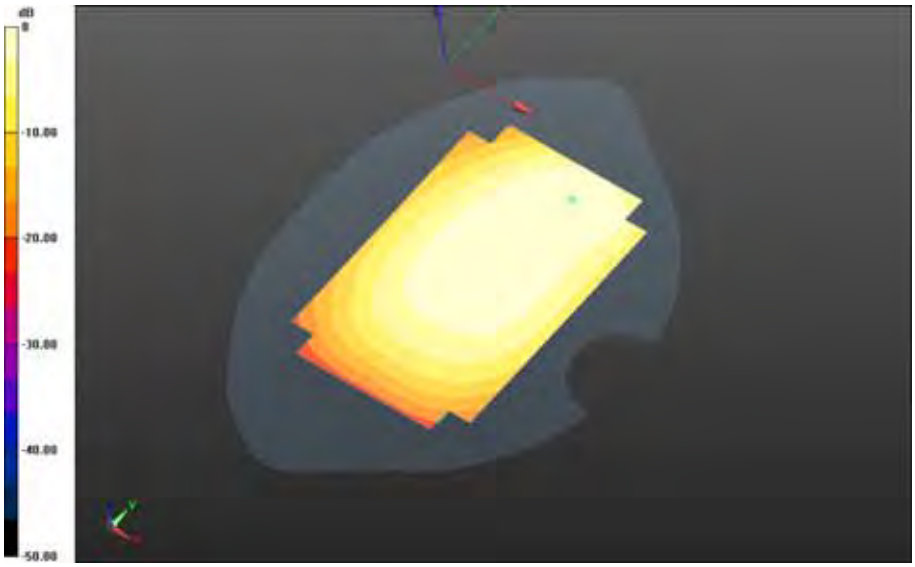
Fast SAR: SAR(1g) = 0.282 W/kg; SAR(10g) = 0.201 W/kg
Maximum value of SAR (interpolated) = 0.289 W/kg



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

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Back - LTE band 12_chan23095_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 = 17.430 V/m; **Power Drift = 0.00364 dB**

Fast SAR: SAR(1g) = 0.303 W/kg; SAR(10g) = 0.217 W/kg
Maximum value of SAR (interpolated) = 0.318 W/kg



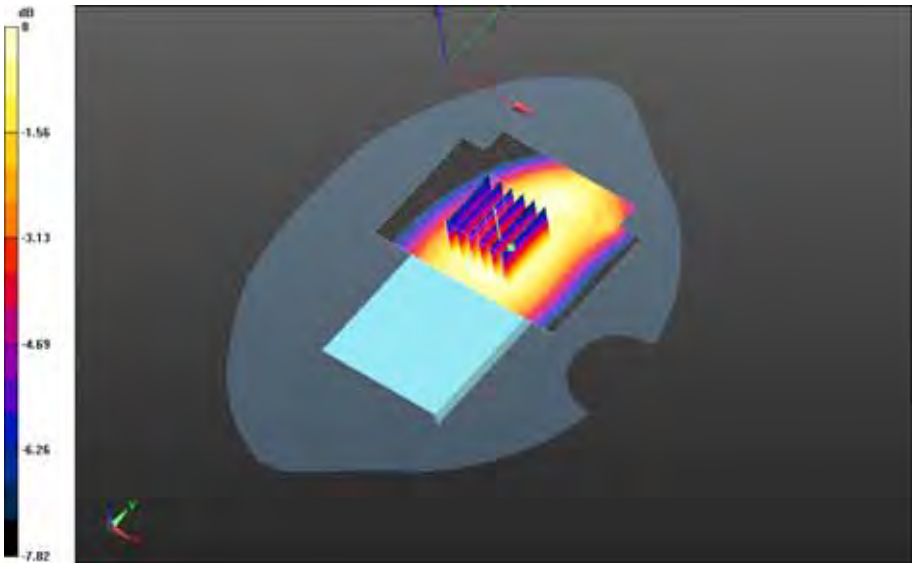
0 dB = 0.318 W/kg = -4.98 dBW/kg

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Back - LTE band 12_chan23130_10MHz_BW_RB1_Offset_Low_amb_temp_23.5C_liq_temp_22.4C/Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.790 V/m; **Power Drift = 0.164 dB**

Fast SAR: SAR(1g) = 0.327 W/kg; SAR(10g) = 0.234 W/kg
Maximum value of SAR (interpolated) = 0.336 W/kg

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Back - LTE band 12_chan23130_10MHz_BW_RB1_Offset_Low_amb_temp_23.5C_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 = 17.790 V/m; **Power Drift = 0.164 dB**

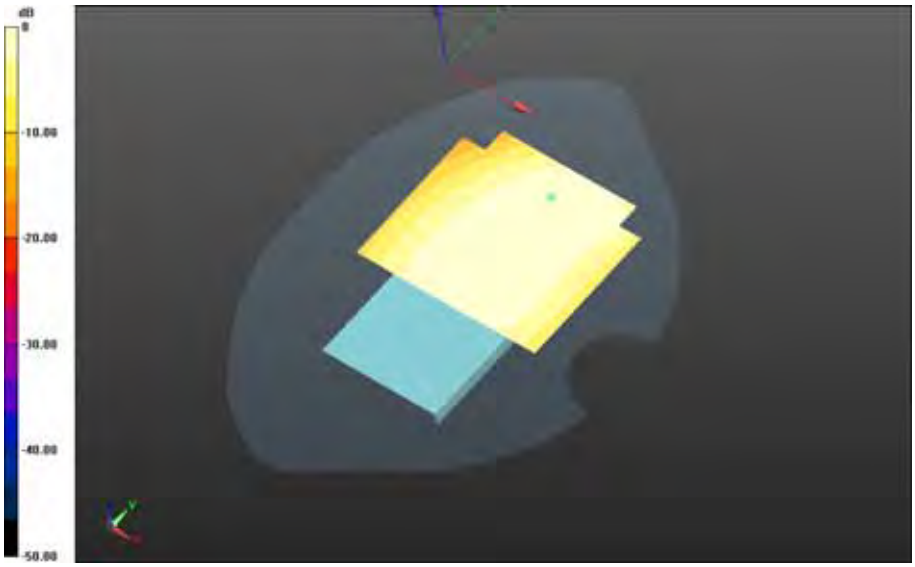
Averaged SAR: SAR(1g) = 0.334 W/kg; SAR(10g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 0.407 W/kg



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

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Back - LTE band 12_chan23130MHz_BW_RB25_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.061 V/m; **Power Drift = 0.133 dB**

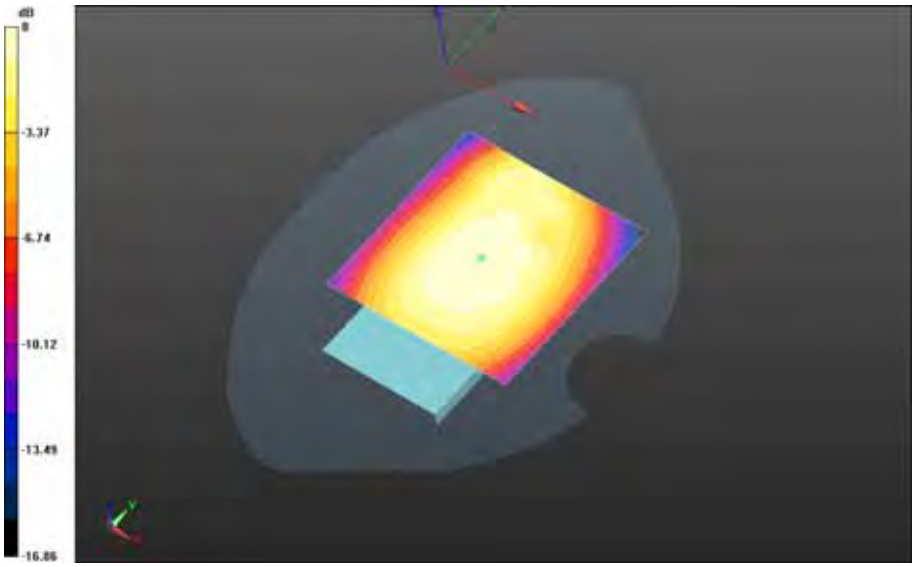
Fast SAR: SAR(1g) = 0.250 W/kg; SAR(10g) = 0.179 W/kg
Maximum value of SAR (interpolated) = 0.257 W/kg



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

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Front - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.912 V/m; **Power Drift = -0.00714 dB**

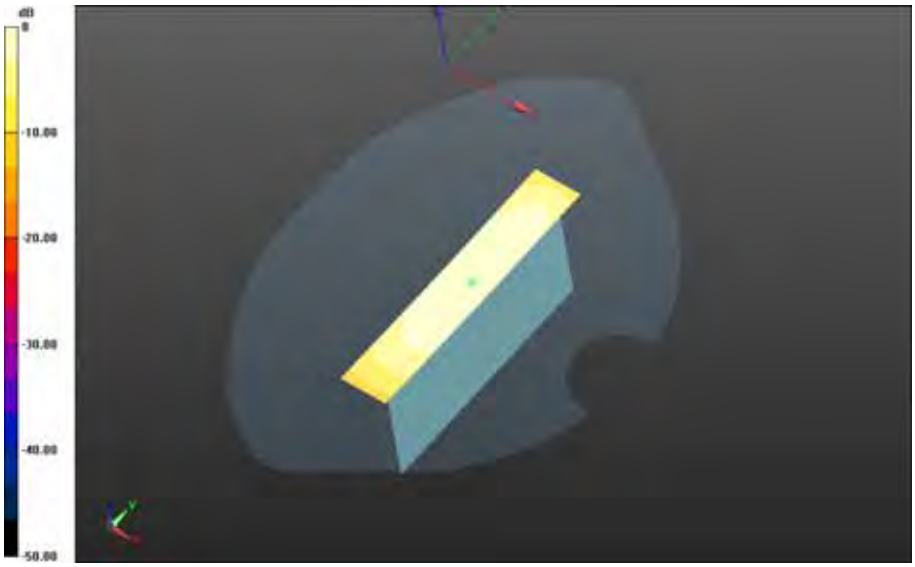
Fast SAR: SAR(1g) = 0.280 W/kg; SAR(10g) = 0.199 W/kg
Maximum value of SAR (interpolated) = 0.289 W/kg



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

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Left -LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.529 V/m; **Power Drift = -0.056 dB**

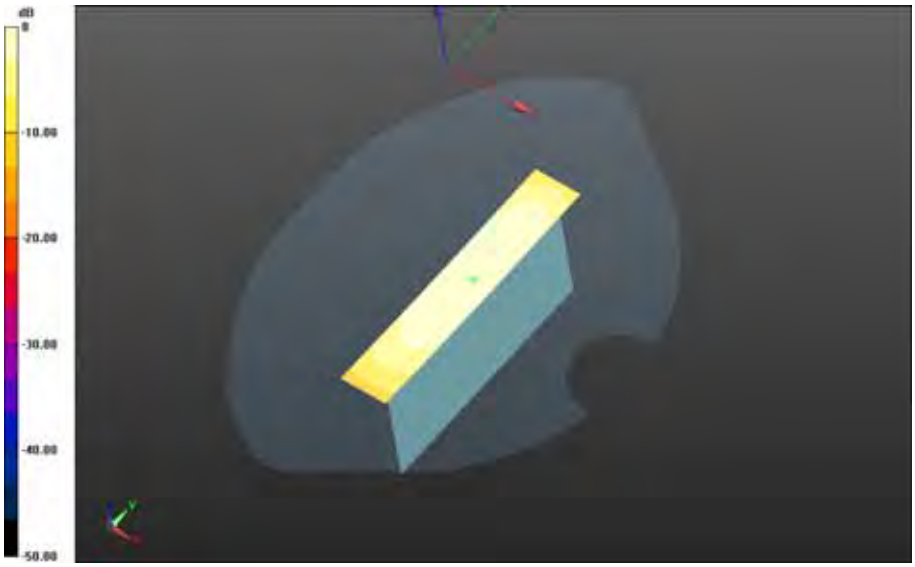
Fast SAR: SAR(1g) = 0.290 W/kg; SAR(10g) = 0.201 W/kg
Maximum value of SAR (interpolated) = 0.300 W/kg



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

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Right -LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.664 V/m; **Power Drift = -0.067 dB**

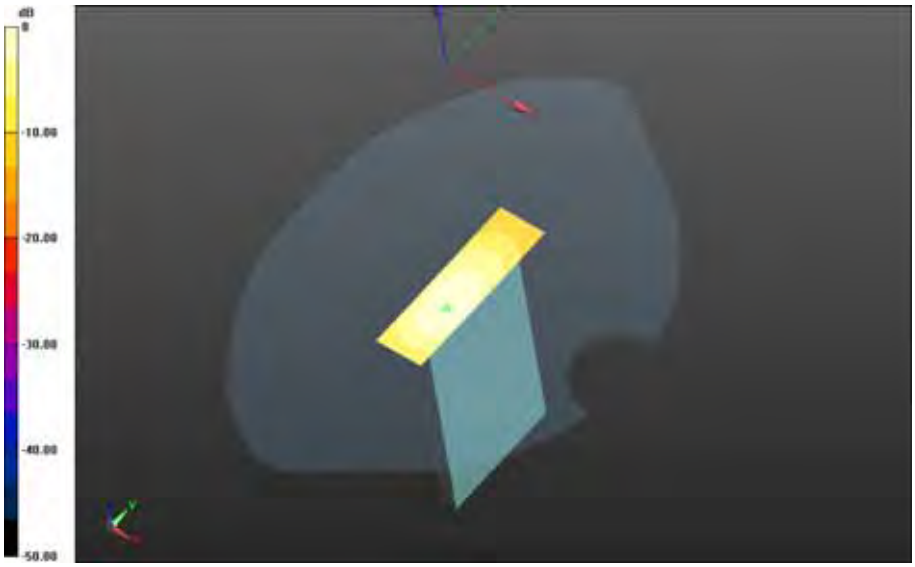
Fast SAR: SAR(1g) = 0.291 W/kg; SAR(10g) = 0.201 W/kg
Maximum value of SAR (interpolated) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

Mobile Hot Spot MSL - LTE Band 12_slider closed/10mm Device Bottom -LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.105 V/m; **Power Drift = -0.146 dB**

Fast SAR: SAR(1g) = 0.193 W/kg; SAR(10g) = 0.118 W/kg
Maximum value of SAR (interpolated) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

Date: 8/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Mobile Hot Spot MSL - LTE Band 12_slider open

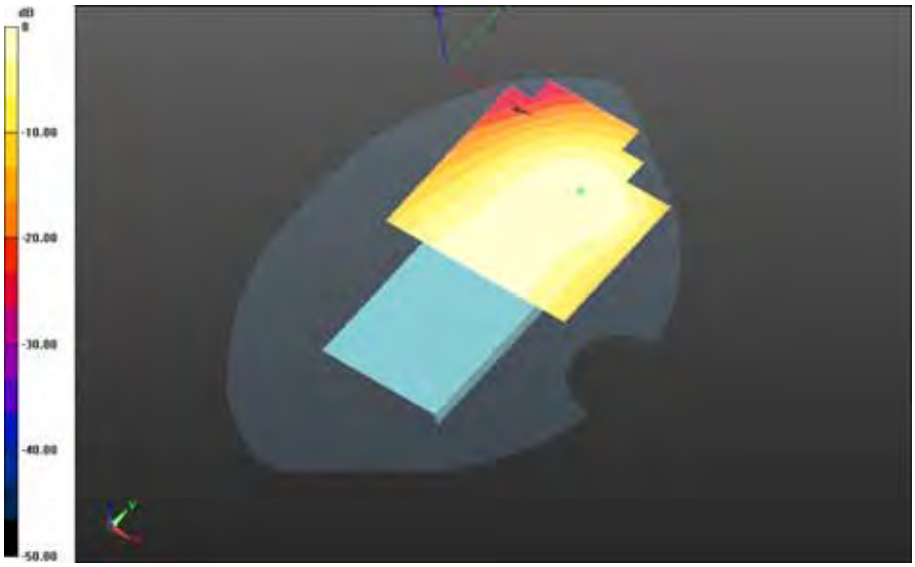
Communication System: LTE 12 (0); Communication System Band: LTE band 12; Frequency: 707.5 MHz
Medium Parameters used: f=707.5 MHz; σ = 0.932 S/m; ε_r = 56.310; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 12_slider open/10mm Device Back - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.921 V/m; **Power Drift = 0.022 dB**

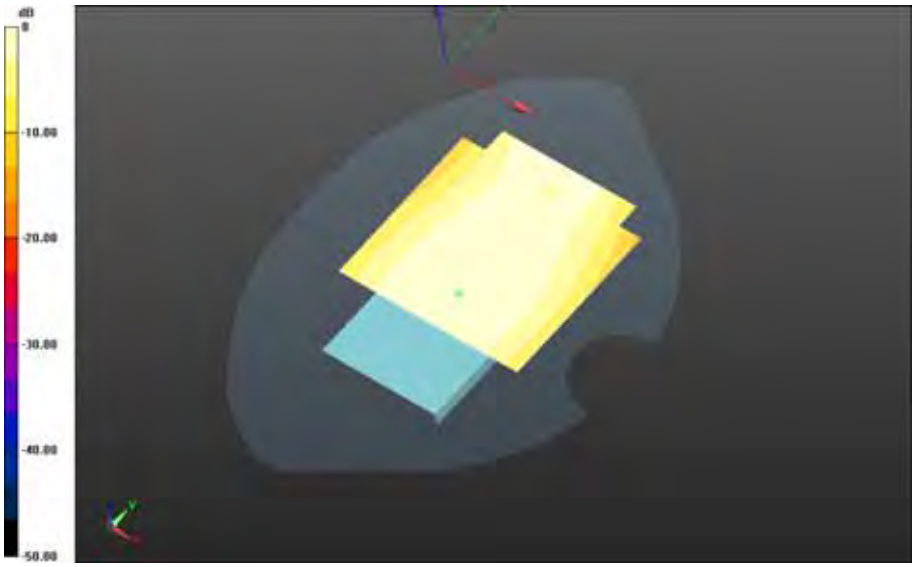
Fast SAR: SAR(1g) = 0.244 W/kg; SAR(10g) = 0.161 W/kg
Maximum value of SAR (interpolated) = 0.260 W/kg



0 dB = 0.260 W/kg = -5.85 dBW/kg

Mobile Hot Spot MSL - LTE Band 12_slider open/10mm Device Front - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.970 V/m; **Power Drift = 0.036 dB**

Fast SAR: SAR(1g) = 0.191 W/kg; SAR(10g) = 0.136 W/kg
Maximum value of SAR (interpolated) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

Configuration: Body Worn MSL - LTE Band 12_slider closed

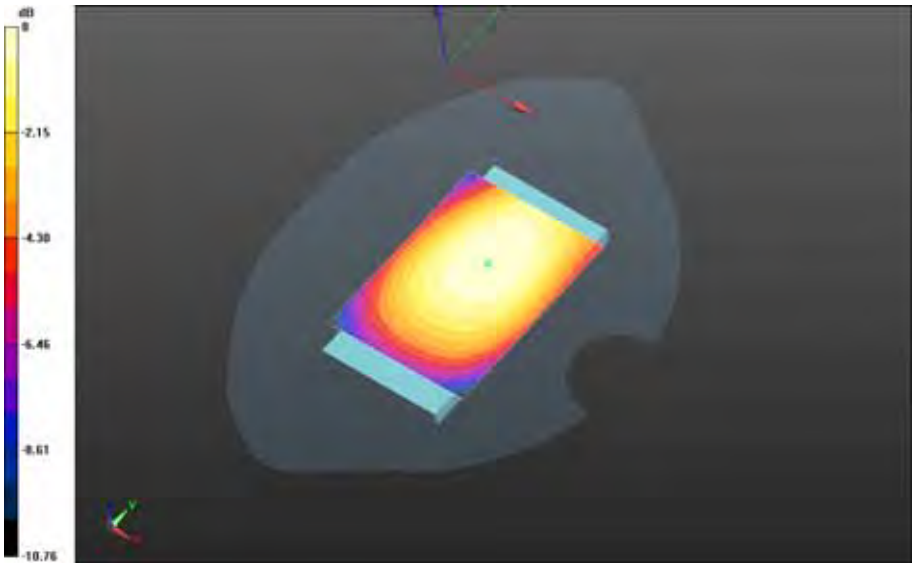
Communication System: LTE 12 (0); Communication System Band: LTE band 12; Frequency: 704 MHz
Medium Parameters used: f=704 MHz; σ = 0.929 S/m; ε_r = 56.330; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 12_slider closed/15mm Device Back - LTE band 12_chan23060_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_21.7C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.800 V/m; **Power Drift = -0.031 dB**

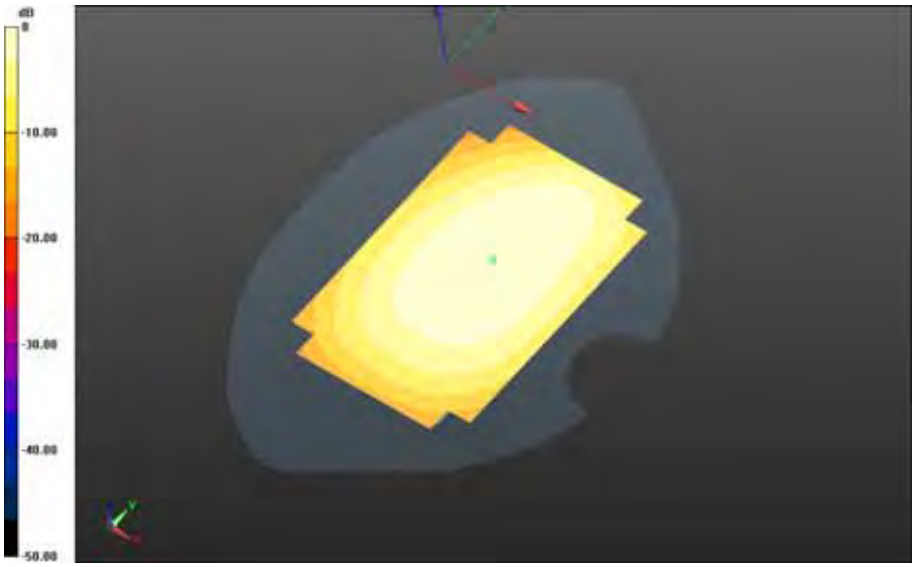
Fast SAR: SAR(1g) = 0.257 W/kg; SAR(10g) = 0.184 W/kg
Maximum value of SAR (interpolated) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

Body Worn MSL - LTE Band 12_slider closed/15mm Device Back - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.982 V/m; **Power Drift = -0.091 dB**

Fast SAR: SAR(1g) = 0.268 W/kg; SAR(10g) = 0.191 W/kg
Maximum value of SAR (interpolated) = 0.276 W/kg



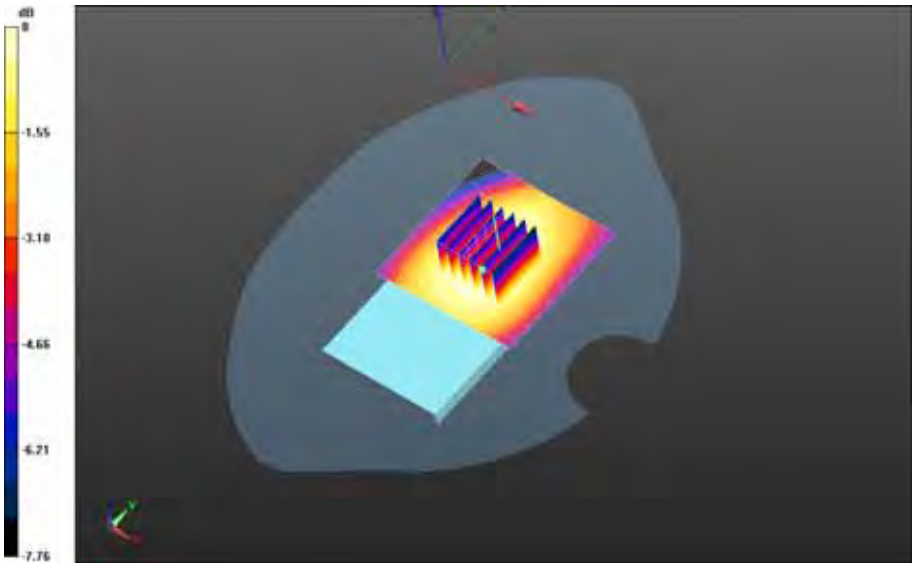
0 dB = 0.276 W/kg = -5.59 dBW/kg

Body Worn MSL - LTE Band 12_slider closed/15mm Device Back - LTE band 12_chan23130_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_21.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.889 V/m; **Power Drift = -0.027 dB**

Fast SAR: SAR(1g) = 0.295 W/kg; SAR(10g) = 0.210 W/kg
Maximum value of SAR (interpolated) = 0.303 W/kg

Body Worn MSL - LTE Band 12_slider closed/15mm Device Back - LTE band 12_chan23130_10MHz_BW_RB1_Offset_Low_amb_temp_23.7C_liq_temp_21.7C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 17.889 V/m; **Power Drift = -0.027 dB**

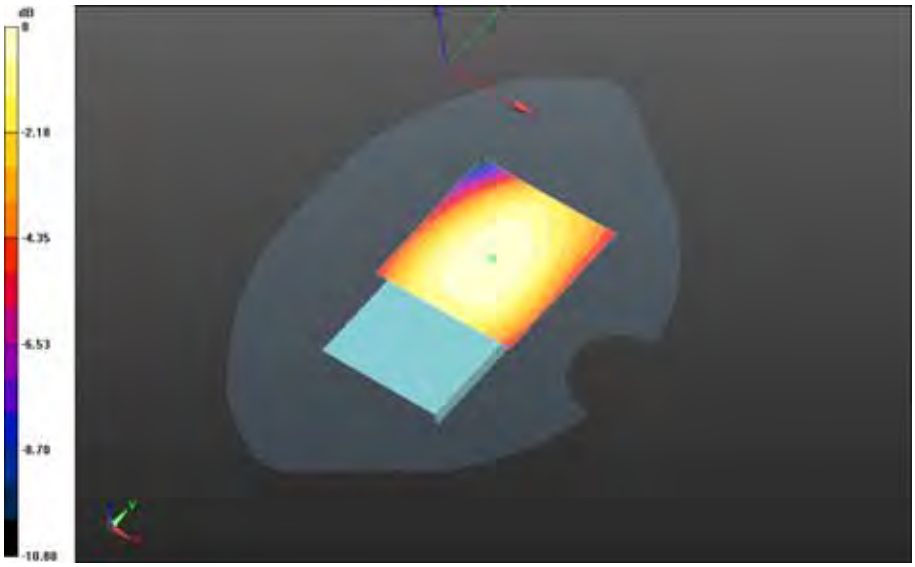
Averaged SAR: SAR(1g) = 0.292 W/kg; SAR(10g) = 0.228 W/kg
Maximum value of SAR (interpolated) = 0.349 W/kg



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

Body Worn MSL - LTE Band 12_slider closed/15mm Device Back - LTE band 12_chan23130_10MHz_BW_RB25_Offset_High_amb_temp_23.7C_liq_temp_21.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.721 V/m; **Power Drift = -0.017 dB**

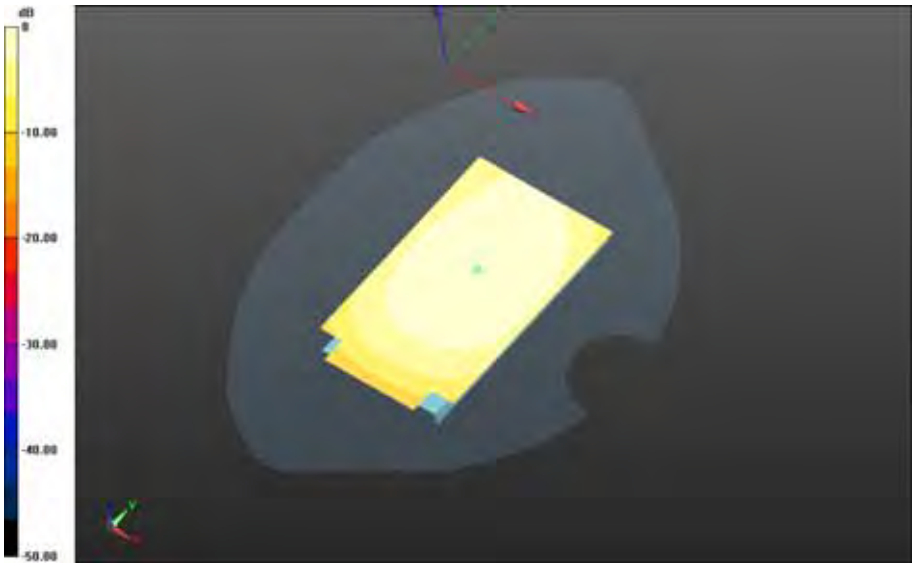
Fast SAR: SAR(1g) = 0.224 W/kg; SAR(10g) = 0.160 W/kg
Maximum value of SAR (interpolated) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg

Body Worn MSL - LTE Band 12_slider closed/15mm Device Front - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_21.9C/Area Scan (121x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.673 V/m; **Power Drift = -0.046 dB**

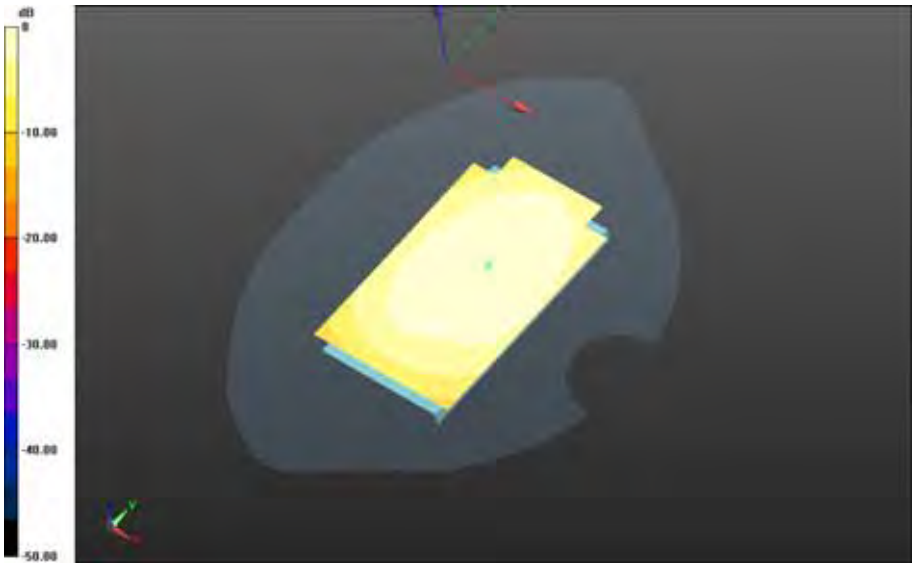
Fast SAR: SAR(1g) = 0.241 W/kg; SAR(10g) = 0.173 W/kg
Maximum value of SAR (interpolated) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

Body Worn MSL - LTE Band 12_slider closed/Holster Device Back - LTE band 12_chan23095_10MHz_BW_RB1_Offset_Low_amb_temp_24.0C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.473 V/m; **Power Drift = -0.103 dB**

Fast SAR: SAR(1g) = 0.253 W/kg; SAR(10g) = 0.179 W/kg
Maximum value of SAR (interpolated) = 0.263 W/kg



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

LTE Band 17

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Right-Hand-Side HSL - LTE Band 17_slider closed

Communication System: LTE 17 (0); Communication System Band: LTE 17; Frequency: 709 MHz
Medium Parameters used: f=709 MHz; σ = 0.873 S/m; ε_r = 42.772; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

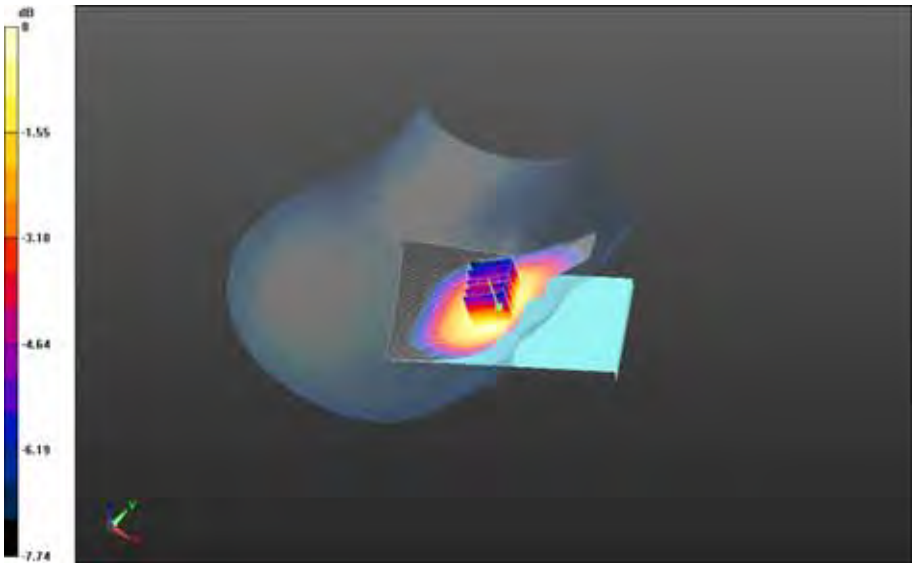
- Probe: ET3DV6 - SN1643; ConvF: (6.69,6.69,6.69); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - LTE Band 17_slider closed/Touch Position -LTE band 17_chan23780_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.033 V/m; **Power Drift = 0.065 dB**

Fast SAR: SAR(1g) = 0.217 W/kg; SAR(10g) = 0.152 W/kg
Maximum value of SAR (interpolated) = 0.227 W/kg

Right-Hand-Side HSL - LTE Band 17_slider closed/Touch Position -LTE band 17_chan23780_10MHz_BW_RB1_Offset_Low_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 = 6.033 V/m; **Power Drift = 0.065 dB**

Averaged SAR: SAR(1g) = 0.220 W/kg; SAR(10g) = 0.173 W/kg
Maximum value of SAR (interpolated) = 0.251 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg

Right-Hand-Side HSL - LTE Band 17_slider closed/Touch Position -LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.176 V/m; **Power Drift = -0.097 dB**

Fast SAR: SAR(1g) = 0.202 W/kg; SAR(10g) = 0.141 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 17_slider closed/Touch Position -LTE band 17_chan23800_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.104 V/m; **Power Drift = 0.010 dB**

Fast SAR: SAR(1g) = 0.212 W/kg; SAR(10g) = 0.149 W/kg
Maximum value of SAR (interpolated) = 0.222 W/kg

0 dB = 0.222 W/kg = -6.54 dBW/kg

Right-Hand-Side HSL - LTE Band 17_slider closed/Touch Position -LTE band 17_chan23780_10MHz_BW_RB25_Offset_High_amb_temp_23.5_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.415 V/m; **Power Drift = 0.065 dB**

Fast SAR: SAR(1g) = 0.164 W/kg; SAR(10g) = 0.115 W/kg
Maximum value of SAR (interpolated) = 0.172 W/kg

0 dB = 0.172 W/kg = -7.64 dBW/kg

Right-Hand-Side HSL - LTE Band 17_slider closed/Touch Position -LTE band 17_chan23790_10MHz_BW_RB50_Offset_Low_amb_temp_23.5C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.464 V/m; **Power Drift = 0.035 dB**

Fast SAR: SAR(1g) = 0.167 W/kg; SAR(10g) = 0.117 W/kg
Maximum value of SAR (interpolated) = 0.175 W/kg

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

Right-Hand-Side HSL - LTE Band 17_slider closed/Tilt Position -LTE band 17_chan23090_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.634 V/m; **Power Drift = 0.207 dB**

Fast SAR: SAR(1g) = 0.122 W/kg; SAR(10g) = 0.0863 W/kg
Maximum value of SAR (interpolated) = 0.126 W/kg

0 dB = 0.126 W/kg = -9.00 dBW/kg

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Left-Hand-Side HSL - LTE Band 17_slider closed

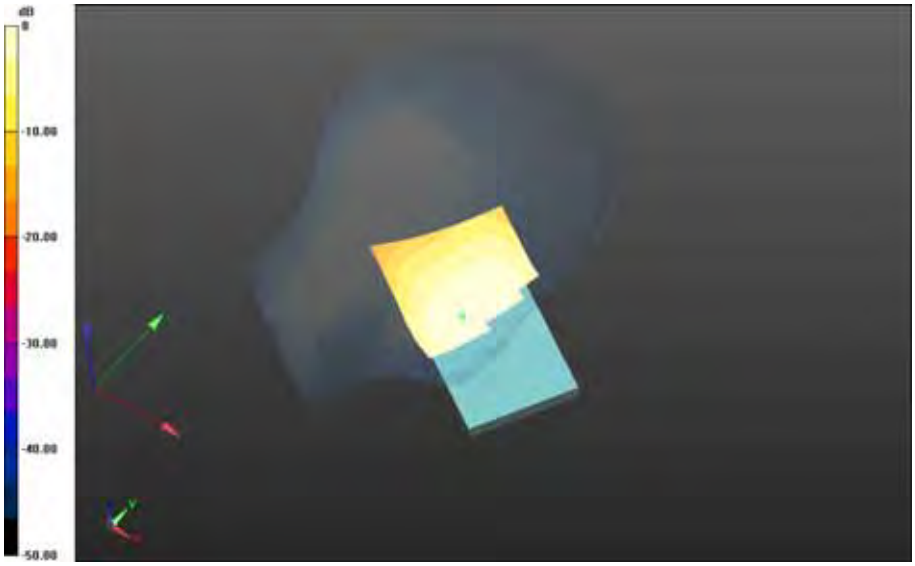
Communication System: LTE 17 (0); Communication System Band: LTE 17; Frequency: 710 MHz
Medium Parameters used: f=710 MHz; σ = 0.874 S/m; ε_r = 42.761; ρ = 1.000 g/cm^3
Phantom section: Left Section

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 17_slider closed/Touch Position - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.8C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.316 V/m; **Power Drift = -0.013 dB**

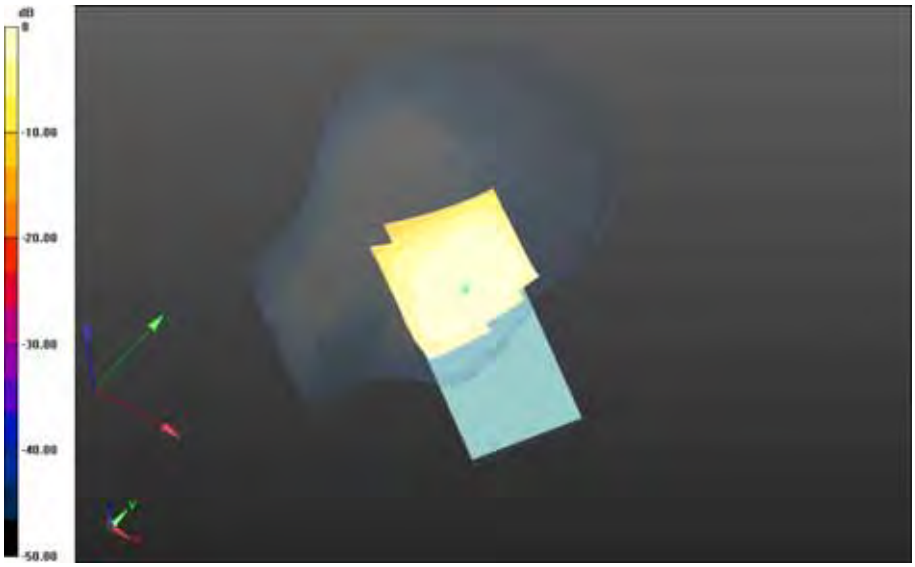
Fast SAR: SAR(1g) = 0.159 W/kg; SAR(10g) = 0.111 W/kg
Maximum value of SAR (interpolated) = 0.169 W/kg



0 dB = 0.169 W/kg = -7.72 dBW/kg

Left-Hand-Side HSL - LTE Band 17_slider closed/Tilt Position - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.136 V/m; **Power Drift = 0.017 dB**

Fast SAR: SAR(1g) = 0.0854 W/kg; SAR(10g) = 0.0605 W/kg
Maximum value of SAR (interpolated) = 0.0892 W/kg



0 dB = 0.0892 W/kg = -10.50 dBW/kg

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Right-Hand-Side HSL - LTE Band 17_slider open

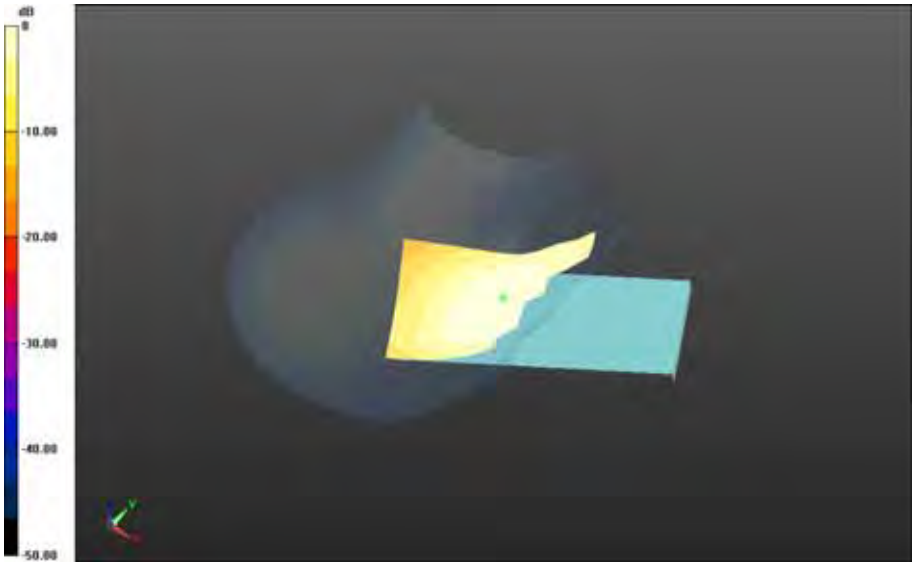
Communication System: LTE 17 (0); Communication System Band: LTE 17; Frequency: 710 MHz
Medium Parameters used: f=710 MHz; σ = 0.874 S/m; ε_r = 42.761; ρ = 1.000 g/cm^3
Phantom section: Right Section

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 17_slider open/Touch Position -LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.409 V/m; **Power Drift = 0.085 dB**

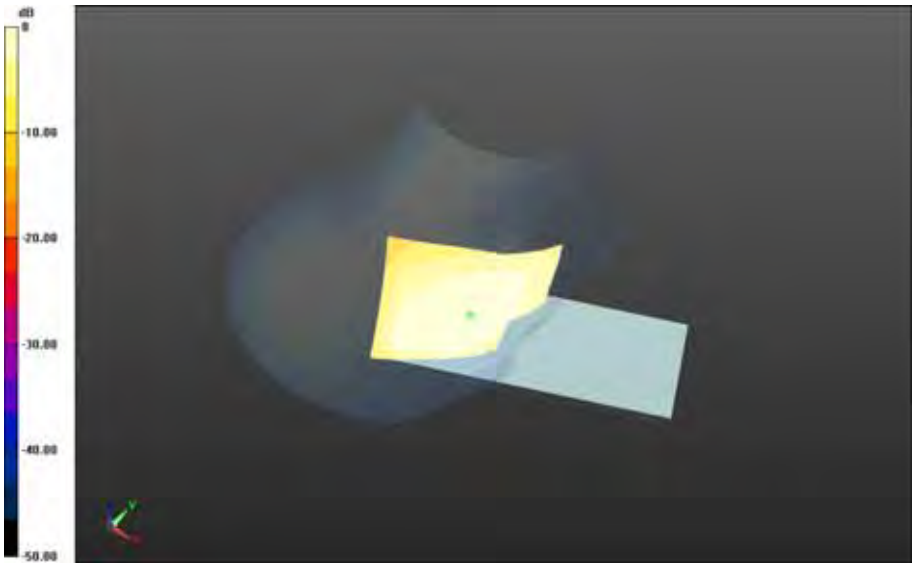
Fast SAR: SAR(1g) = 0.117 W/kg; SAR(10g) = 0.0816 W/kg
Maximum value of SAR (interpolated) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

Right-Hand-Side HSL - LTE Band 17_slider open/Tilt Position -LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.5C_liq_temp_22.4C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.895 V/m; **Power Drift = -0.00974 dB**

Fast SAR: SAR(1g) = 0.0709 W/kg; SAR(10g) = 0.0502 W/kg
Maximum value of SAR (interpolated) = 0.0732 W/kg



0 dB = 0.0732 W/kg = -11.35 dBW/kg

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

Configuration: Left-Hand-Side HSL - LTE Band 17_slider open

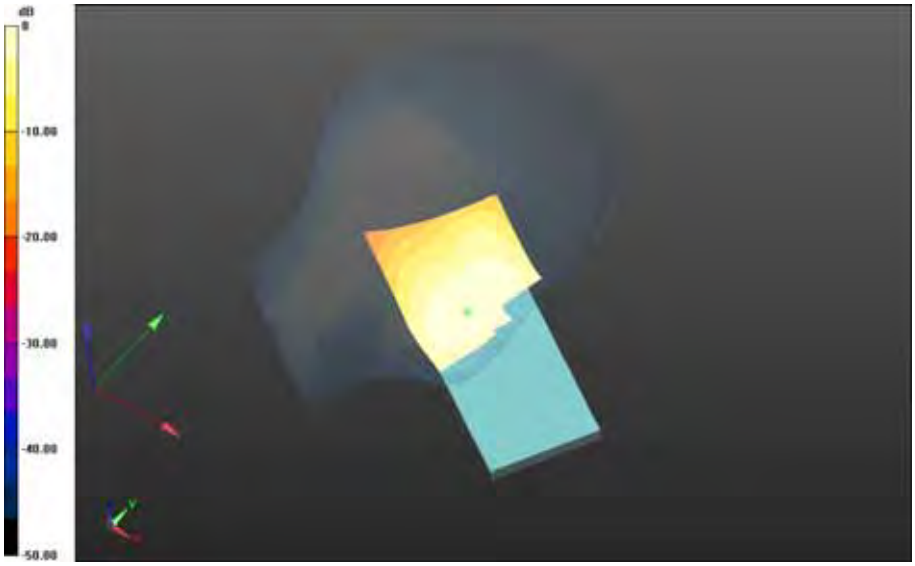
Communication System: LTE 17 (0); Communication System Band: LTE 17; Frequency: 710 MHz
Medium Parameters used: f=710 MHz; σ = 0.874 S/m; ε_r = 42.761; ρ = 1.000 g/cm^3
Phantom section: Left Section

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 17_slider open/Touch Position - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.7C_liq_temp_22.6C/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.629 V/m; **Power Drift = -0.012 dB**

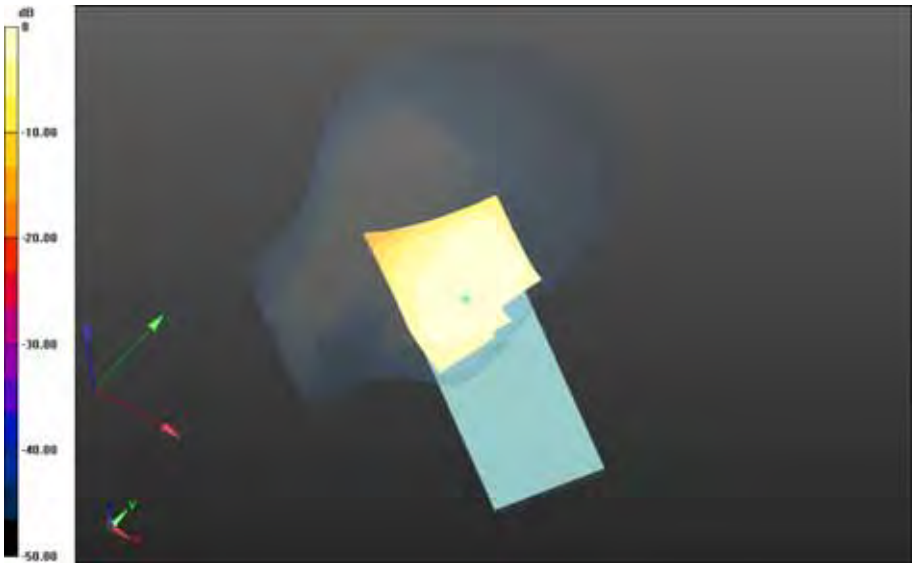
Fast SAR: SAR(1g) = 0.105 W/kg; SAR(10g) = 0.0724 W/kg
Maximum value of SAR (interpolated) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg

Left-Hand-Side HSL - LTE Band 17_slider open/Tilt Position - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.7C_liq_temp_22.5C/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.530 V/m; **Power Drift = -0.054 dB**

Fast SAR: SAR(1g) = 0.0461 W/kg; SAR(10g) = 0.0326 W/kg
Maximum value of SAR (interpolated) = 0.0478 W/kg



0 dB = 0.0478 W/kg = -13.21 dBW/kg

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

Configuration: Mobile Hot Spot MSL - LTE Band 17_slider closed

Communication System: LTE 17 (0); Communication System Band: LTE 17; Frequency: 709 MHz
Medium Parameters used: f=709 MHz; σ = 0.933 S/m; ε_r = 56.304; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

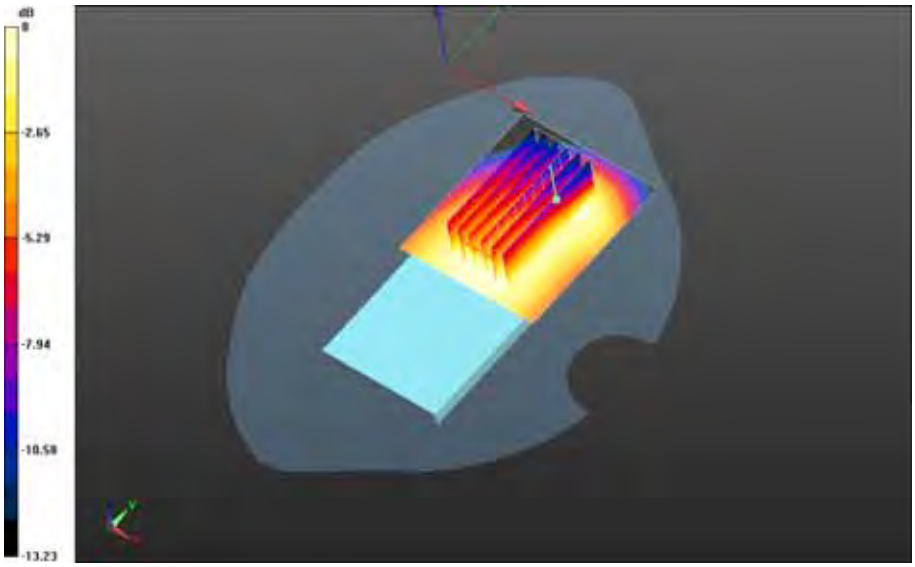
- Probe: ET3DV6 - SN1643; ConvF: (6.29,6.29,6.29); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Back - LTE band 17_chan23780_10MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_21.9C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.401 V/m; **Power Drift = -0.061 dB**

Fast SAR: SAR(1g) = 0.294 W/kg; SAR(10g) = 0.206 W/kg
Maximum value of SAR (interpolated) = 0.311 W/kg

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Back - LTE band 17_chan23780_10MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_21.9C/Zoom Scan (26x51x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 17.401 V/m; **Power Drift = -0.061 dB**

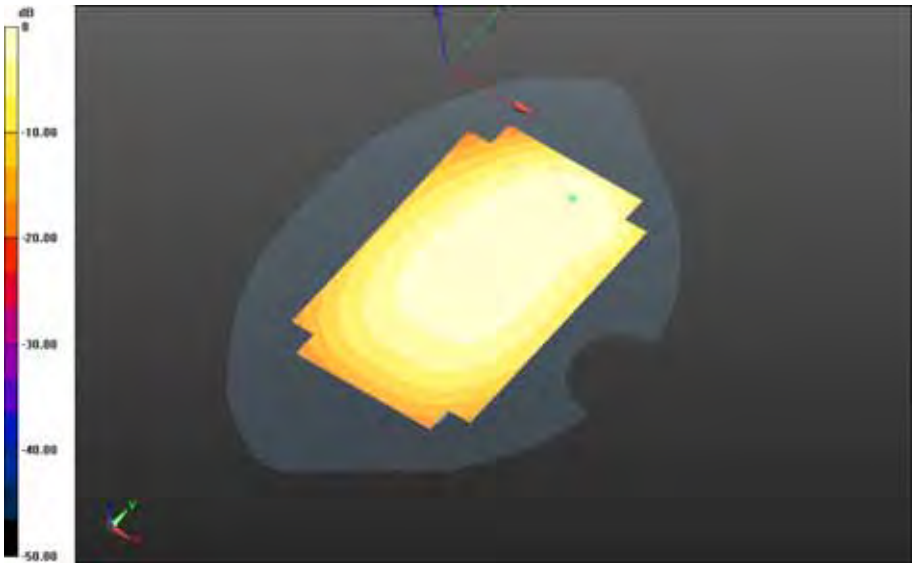
Averaged SAR: SAR(1g) = 0.296 W/kg; SAR(10g) = 0.220 W/kg
Maximum value of SAR (interpolated) = 0.511 W/kg



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

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Back - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.9C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.166 V/m; **Power Drift = -0.065 dB**

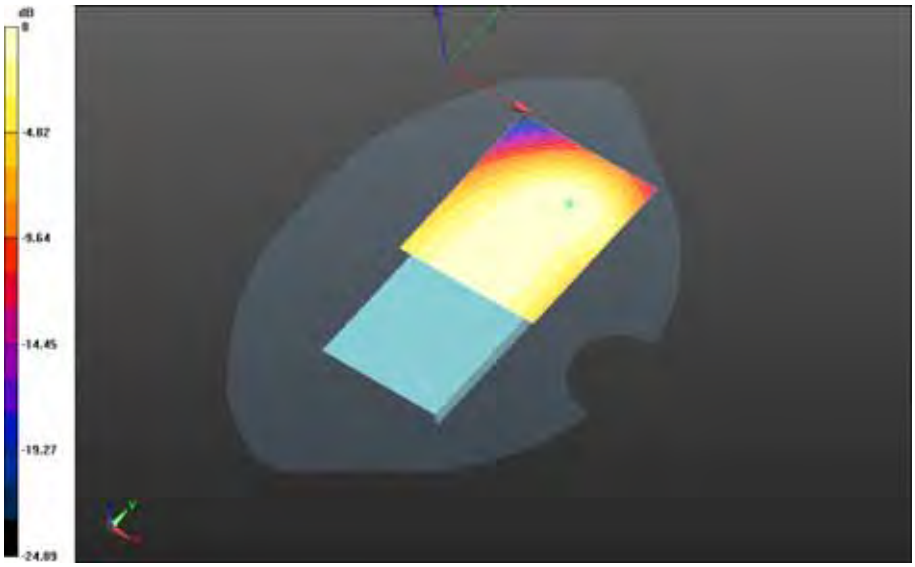
Fast SAR: SAR(1g) = 0.288 W/kg; SAR(10g) = 0.198 W/kg
Maximum value of SAR (interpolated) = 0.306 W/kg



0 dB = 0.306 W/kg = -5.14 dBW/kg

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Back - LTE band 17_chan23800_10MHz_BW_RB1_Offset_Mid_amb_temp_23.9C_liq_temp_21.9C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.932 V/m; **Power Drift = 0.207 dB**

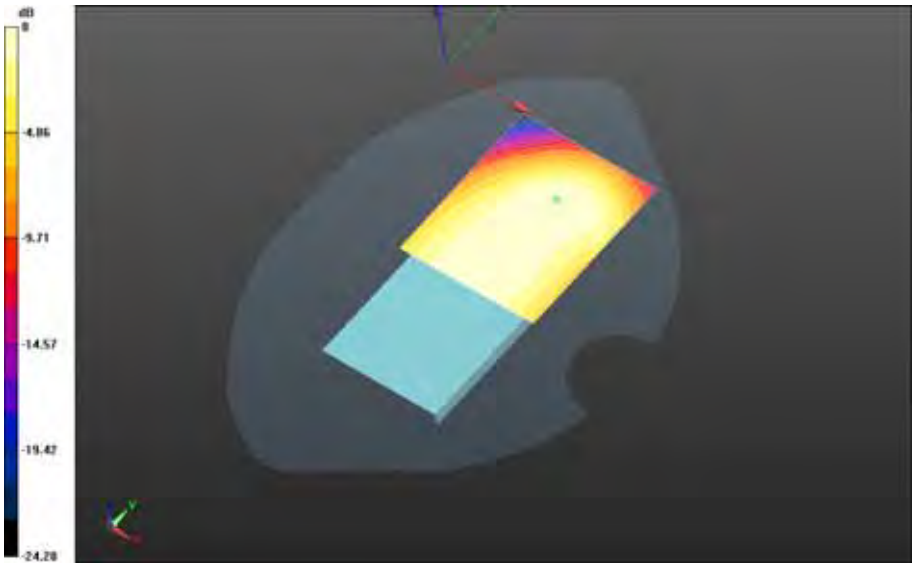
Fast SAR: SAR(1g) = 0.287 W/kg; SAR(10g) = 0.196 W/kg
Maximum value of SAR (interpolated) = 0.305 W/kg



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

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Back - LTE band 17_chan23780_10MHz_BW_RB25_Offset_High_amb_temp_23.9_liq_temp_21.9C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.847 V/m; **Power Drift = 0.237 dB**

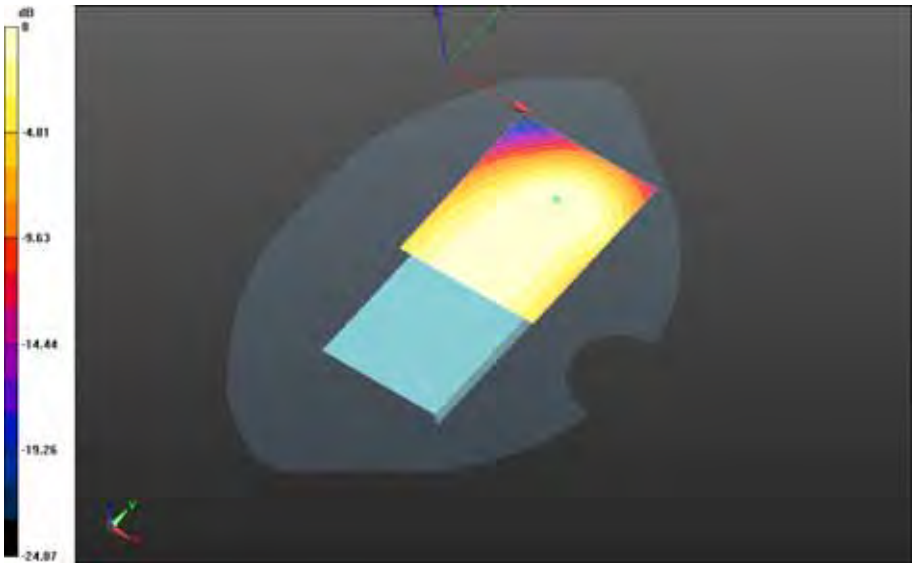
Fast SAR: SAR(1g) = 0.225 W/kg; SAR(10g) = 0.154 W/kg
Maximum value of SAR (interpolated) = 0.239 W/kg



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

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Back - LTE band 17_chan23790_10MHz_BW_RB50_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.520 V/m; **Power Drift = -0.039 dB**

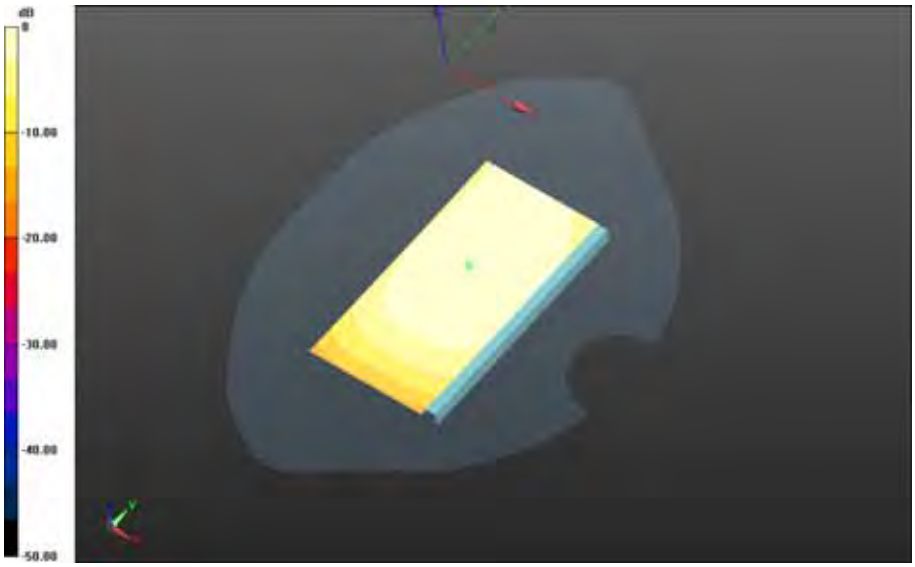
Fast SAR: SAR(1g) = 0.235 W/kg; SAR(10g) = 0.162 W/kg
Maximum value of SAR (interpolated) = 0.249 W/kg



0 dB = 0.249 W/kg = -6.04 dBW/kg

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Front - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.956 V/m; **Power Drift = -0.015 dB**

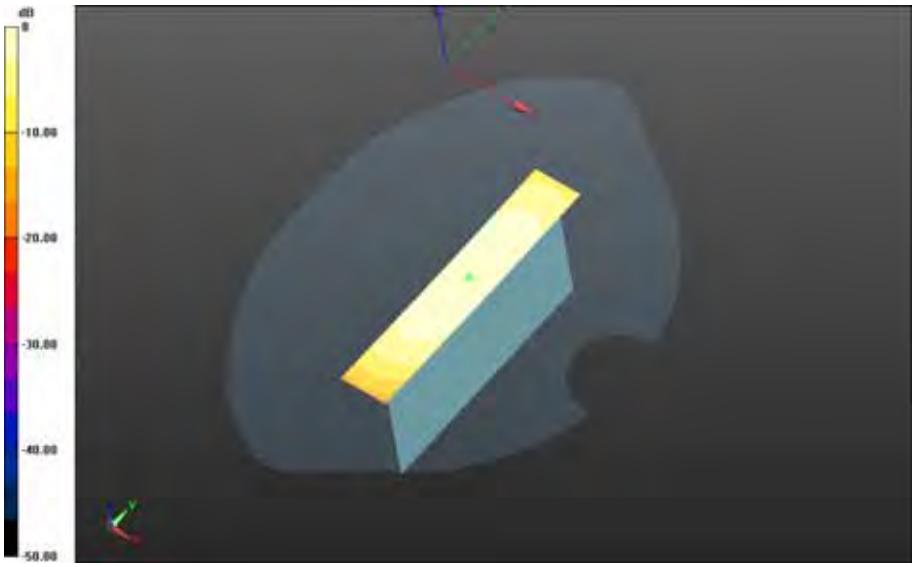
Fast SAR: SAR(1g) = 0.245 W/kg; SAR(10g) = 0.176 W/kg
Maximum value of SAR (interpolated) = 0.252 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Left - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.247 V/m; **Power Drift = -0.049 dB**

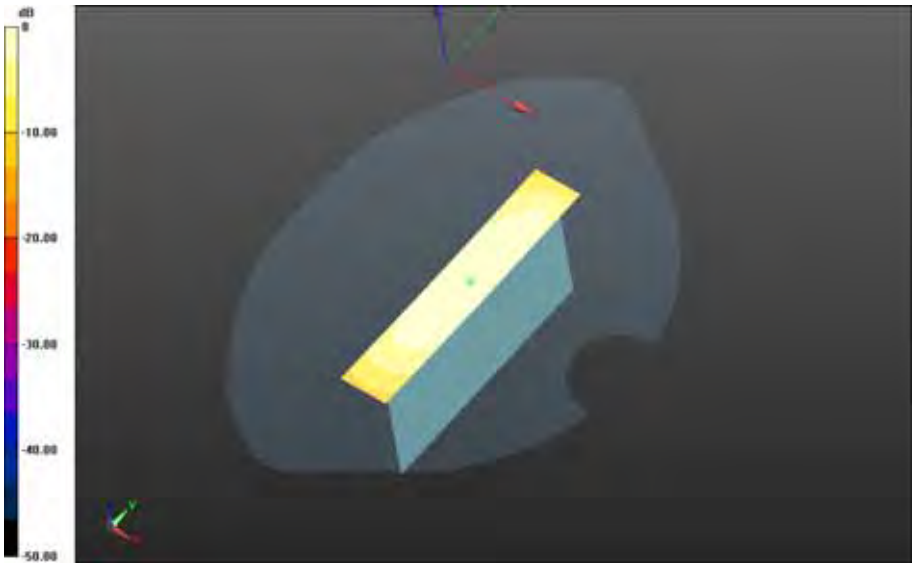
Fast SAR: SAR(1g) = 0.168 W/kg; SAR(10g) = 0.116 W/kg
Maximum value of SAR (interpolated) = 0.175 W/kg



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

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Right - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.223 V/m; **Power Drift = 0.125 dB**

Fast SAR: SAR(1g) = 0.284 W/kg; SAR(10g) = 0.196 W/kg
Maximum value of SAR (interpolated) = 0.296 W/kg



0 dB = 0.296 W/kg = -5.29 dBW/kg

Mobile Hot Spot MSL - LTE Band 17_slider closed/10mm Device Bottom - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.808 V/m; **Power Drift = -0.036 dB**

Fast SAR: SAR(1g) = 0.269 W/kg; SAR(10g) = 0.168 W/kg
Maximum value of SAR (interpolated) = 0.292 W/kg

0 dB = 0.292 W/kg = -5.35 dBW/kg

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

Configuration: Mobile Hot Spot MSL - LTE Band 17_slider open

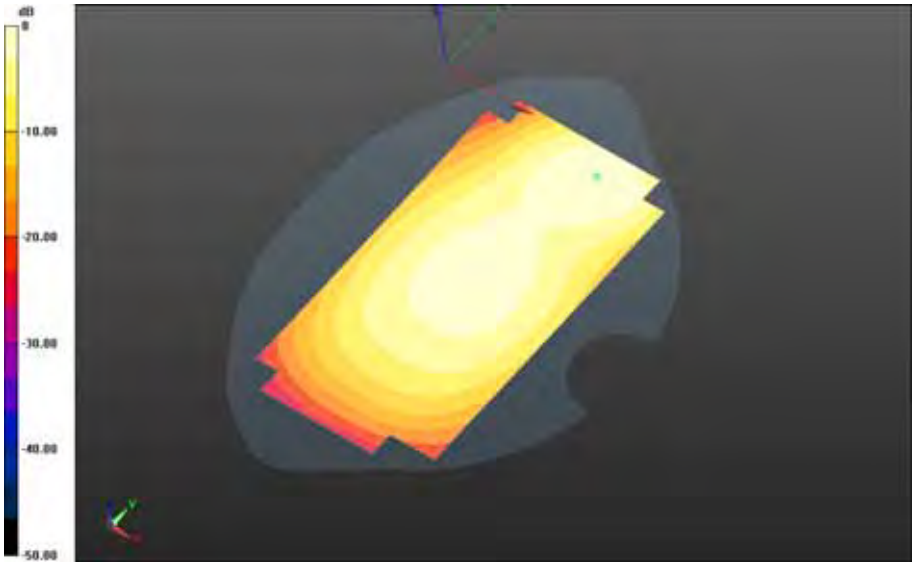
Communication System: LTE 17 (0); Communication System Band: LTE 17; Frequency: 710 MHz
Medium Parameters used: f=710 MHz; σ = 0.934 S/m; ε_r = 56.300; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 17_slider open/10mm Device Back - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.9C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.244 V/m; **Power Drift = -0.039 dB**

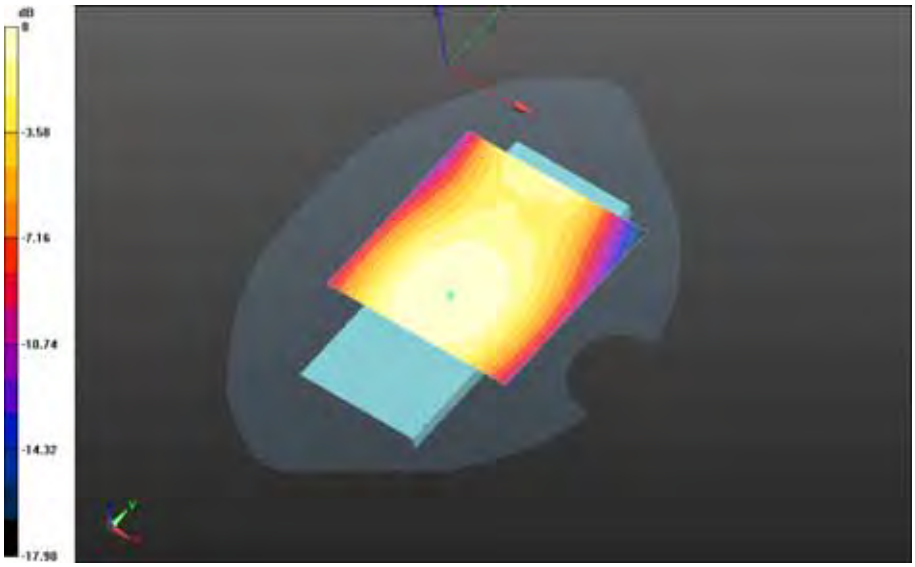
Fast SAR: SAR(1g) = 0.236 W/kg; SAR(10g) = 0.153 W/kg
Maximum value of SAR (interpolated) = 0.255 W/kg



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

Mobile Hot Spot MSL - LTE Band 17_slider open/10mm Device Front - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.765 V/m; **Power Drift = -0.021 dB**

Fast SAR: SAR(1g) = 0.162 W/kg; SAR(10g) = 0.116 W/kg
Maximum value of SAR (interpolated) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

Date: 8/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

Configuration: Body Worn MSL - LTE Band 17_slider closed

Communication System: LTE 17 (0); Communication System Band: LTE 17; Frequency: 709 MHz
Medium Parameters used: f=709 MHz; σ = 0.933 S/m; ε_r = 56.304; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

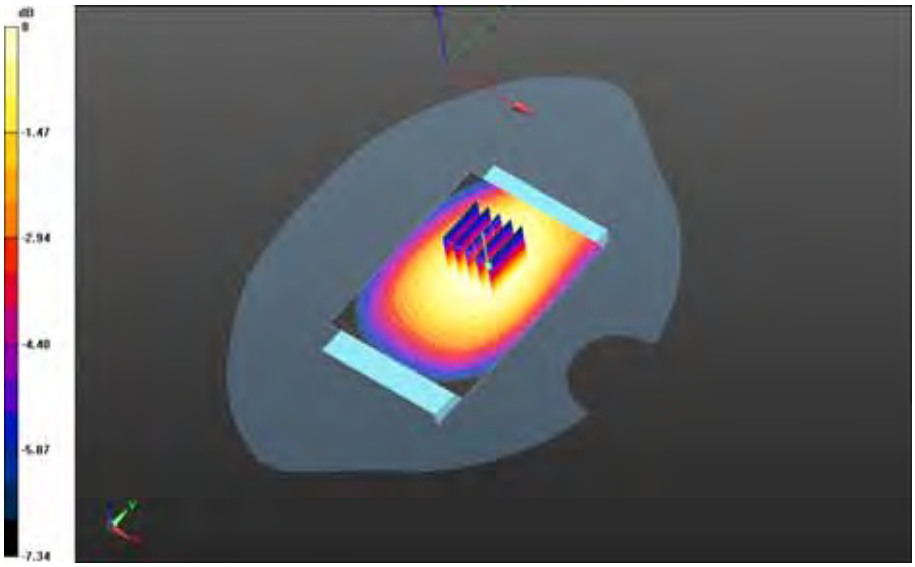
- Probe: ET3DV6 - SN1643; ConvF: (6.29,6.29,6.29); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE Band 17_slider closed/15mm Device Back - LTE band 17_chan23780_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.419 V/m; **Power Drift = -0.097 dB**

Fast SAR: SAR(1g) = 0.276 W/kg; SAR(10g) = 0.196 W/kg
Maximum value of SAR (interpolated) = 0.283 W/kg

Body Worn MSL - LTE Band 17_slider closed/15mm Device Back - LTE band 17_chan23780_10MHz_BW_RB1_Offset_Low_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 = 17.419 V/m; **Power Drift = -0.097 dB**

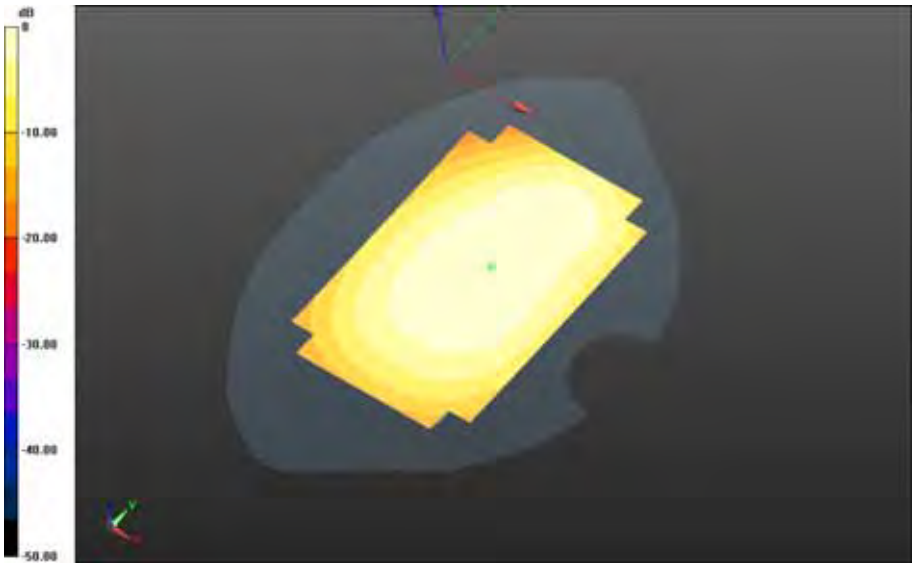
Averaged SAR: SAR(1g) = 0.270 W/kg; SAR(10g) = 0.208 W/kg
Maximum value of SAR (interpolated) = 0.320 W/kg



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

Body Worn MSL - LTE Band 17_slider closed/15mm Device Back - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.253 V/m; **Power Drift = -0.039 dB**

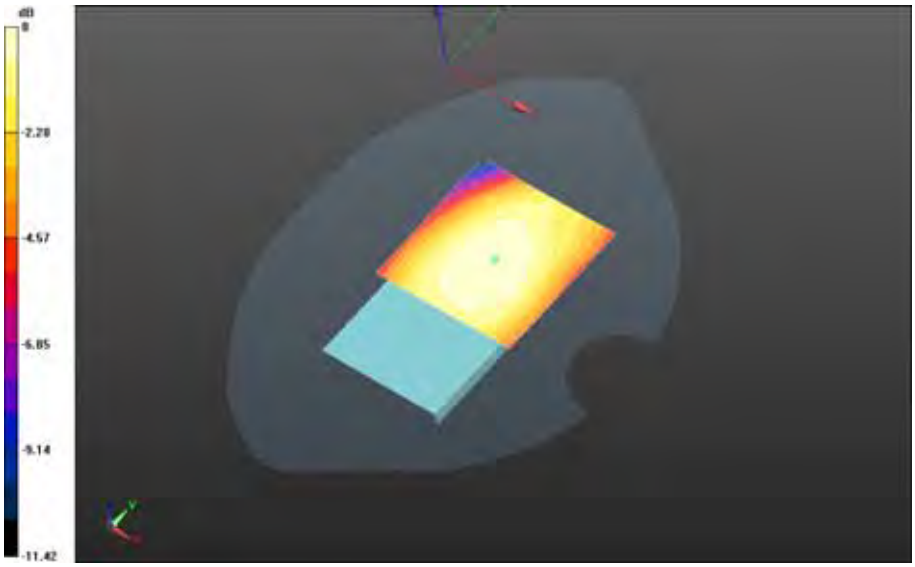
Fast SAR: SAR(1g) = 0.257 W/kg; SAR(10g) = 0.184 W/kg
Maximum value of SAR (interpolated) = 0.265 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

Body Worn MSL - LTE Band 17_slider closed/15mm Device Back - LTE band 17_chan23800_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.859 V/m; **Power Drift = 0.058 dB**

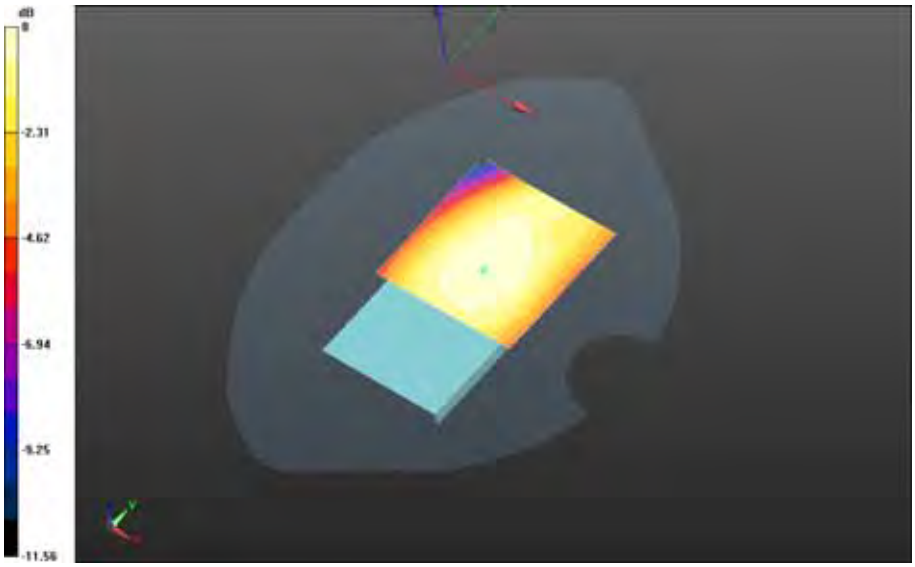
Fast SAR: SAR(1g) = 0.258 W/kg; SAR(10g) = 0.184 W/kg
Maximum value of SAR (interpolated) = 0.265 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

Body Worn MSL - LTE Band 17_slider closed/15mm Device Back - LTE band 17_chan23780_10MHz_BW_RB25_Offset_High_amb_temp_23.6_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.546 V/m; **Power Drift = -0.059 dB**

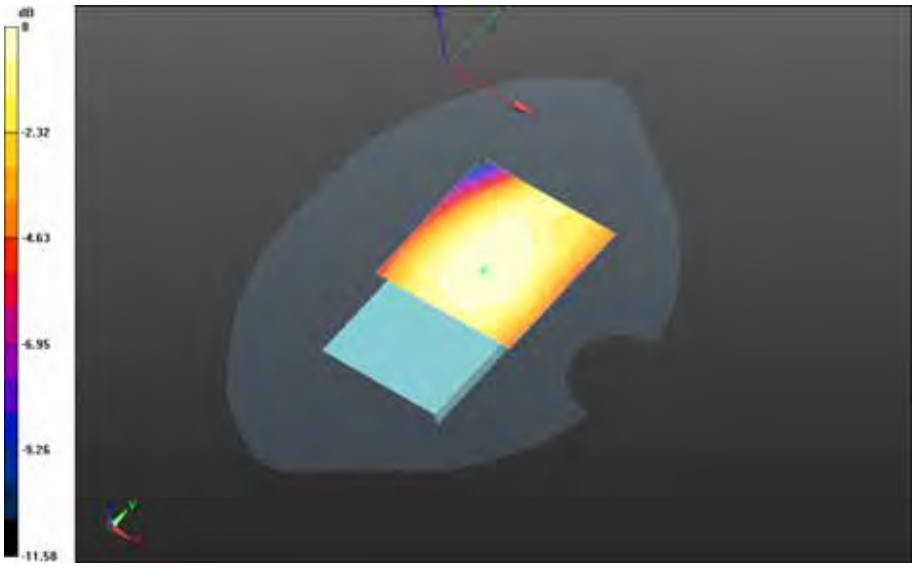
Fast SAR: SAR(1g) = 0.188 W/kg; SAR(10g) = 0.135 W/kg
Maximum value of SAR (interpolated) = 0.193 W/kg



0 dB = 0.193 W/kg = -7.14 dBW/kg

Body Worn MSL - LTE Band 17_slider closed/15mm Device Back - LTE band 17_chan23790_10MHz_BW_RB50_Offset_Low_amb_temp_23.6C_liq_temp_22.4C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.753 V/m; **Power Drift = -0.00277 dB**

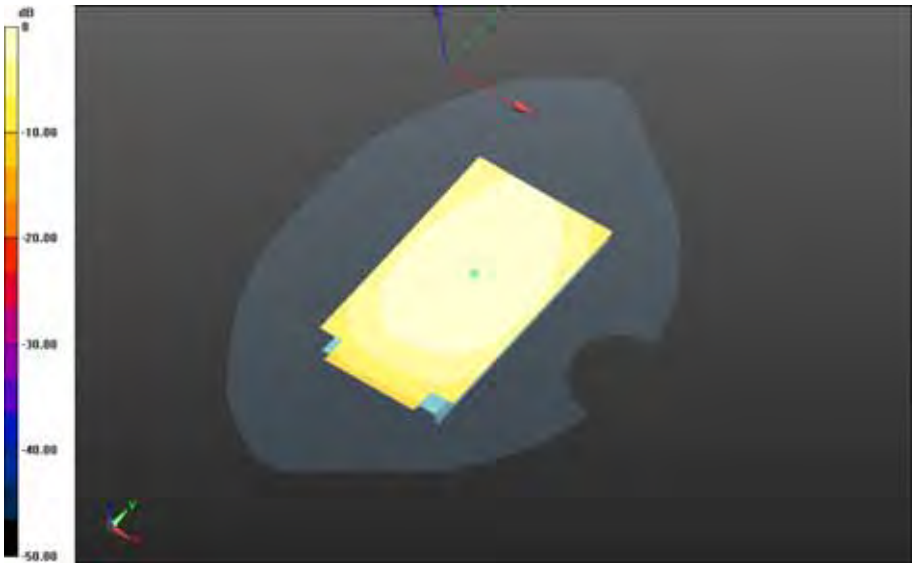
Fast SAR: SAR(1g) = 0.193 W/kg; SAR(10g) = 0.138 W/kg
Maximum value of SAR (interpolated) = 0.198 W/kg



0 dB = 0.198 W/kg = -7.03 dBW/kg

Body Worn MSL - LTE Band 17_slider closed/15mm Device Front - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.449 V/m; **Power Drift = -0.064 dB**

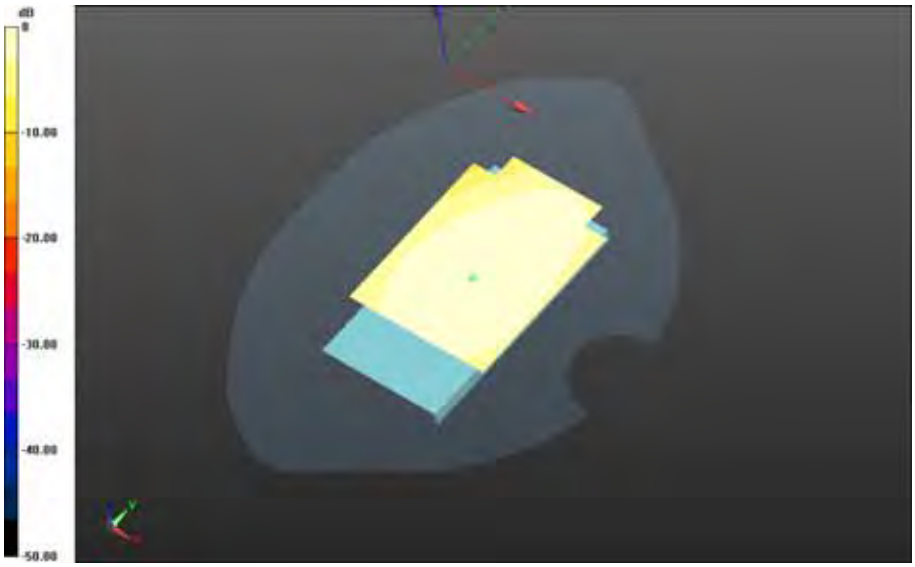
Fast SAR: SAR(1g) = 0.229 W/kg; SAR(10g) = 0.163 W/kg
Maximum value of SAR (interpolated) = 0.236 W/kg



0 dB = 0.236 W/kg = -6.27 dBW/kg

Body Worn MSL - LTE Band 17_slider closed/Holster Device Back - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_22.4C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.175 V/m; **Power Drift = -0.097 dB**

Fast SAR: SAR(1g) = 0.188 W/kg; SAR(10g) = 0.132 W/kg
Maximum value of SAR (interpolated) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

LTE Band 5

Date: 8/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

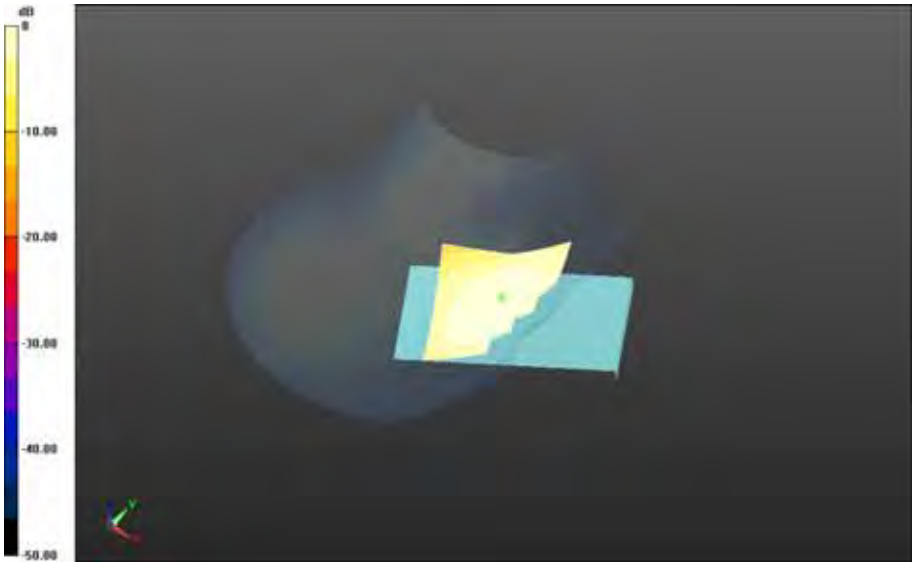
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 829 MHz
Medium Parameters used: f=829 MHz; σ = 0.868 S/m; ε_r = 40.592; ρ = 1.000 g/cm^3
Phantom section: Right Section

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_23.6C_liq_temp_22.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.844 V/m; **Power Drift = 0.153 dB**

Fast SAR: SAR(1g) = 0.313 W/kg; SAR(10g) = 0.214 W/kg
Maximum value of SAR (interpolated) = 0.327 W/kg



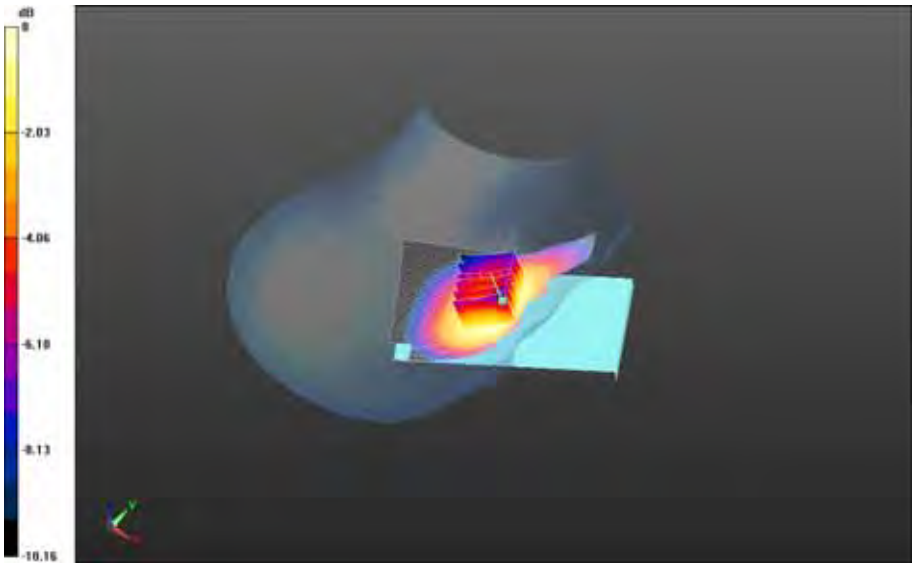
0 dB = 0.327 W/kg = -4.85 dBW/kg

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_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.830 V/m; **Power Drift = -0.079 dB**

Fast SAR: SAR(1g) = 0.316 W/kg; SAR(10g) = 0.218 W/kg
Maximum value of SAR (interpolated) = 0.329 W/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_23.0C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.830 V/m; **Power Drift = -0.079 dB**

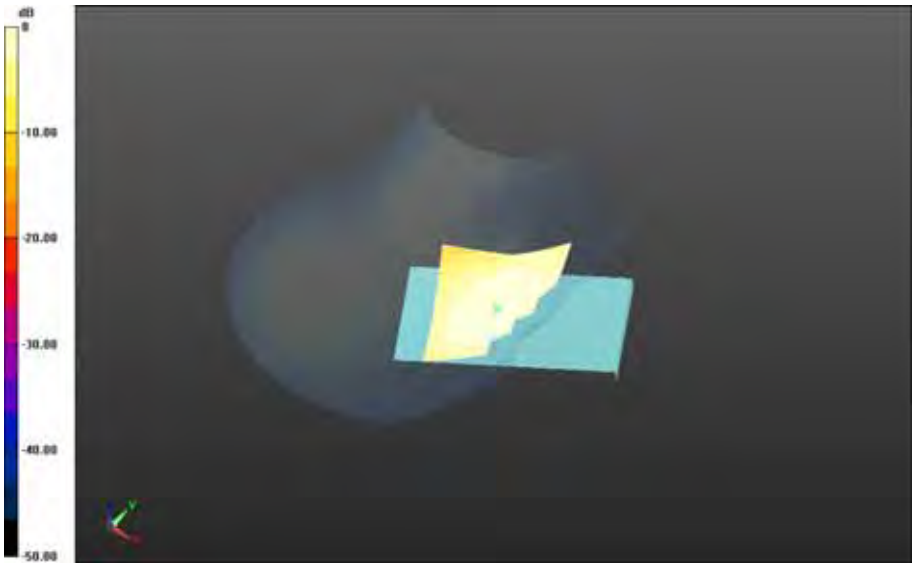
Averaged SAR: SAR(1g) = 0.321 W/kg; SAR(10g) = 0.251 W/kg
Maximum value of SAR (interpolated) = 0.382 W/kg



0 dB = 0.333 W/kg = -4.78 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_22.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.154 V/m; **Power Drift = 0.125 dB**

Fast SAR: SAR(1g) = 0.279 W/kg; SAR(10g) = 0.190 W/kg
Maximum value of SAR (interpolated) = 0.291 W/kg



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

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20600_10MHz_BW_RB25_Offset_High_amb_temp_23.8C_liq_temp_23.0C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.291 V/m; **Power Drift = 0.139 dB**

Fast SAR: SAR(1g) = 0.214 W/kg; SAR(10g) = 0.145 W/kg
Maximum value of SAR (interpolated) = 0.225 W/kg

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

Right-Hand-Side HSL - LTE band 5 - Slider Closed/Touch Position - LTE band 5_chan20600_10MHz_BW_RB50_Offset_Low_amb_temp_23.5C_liq_temp_22.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

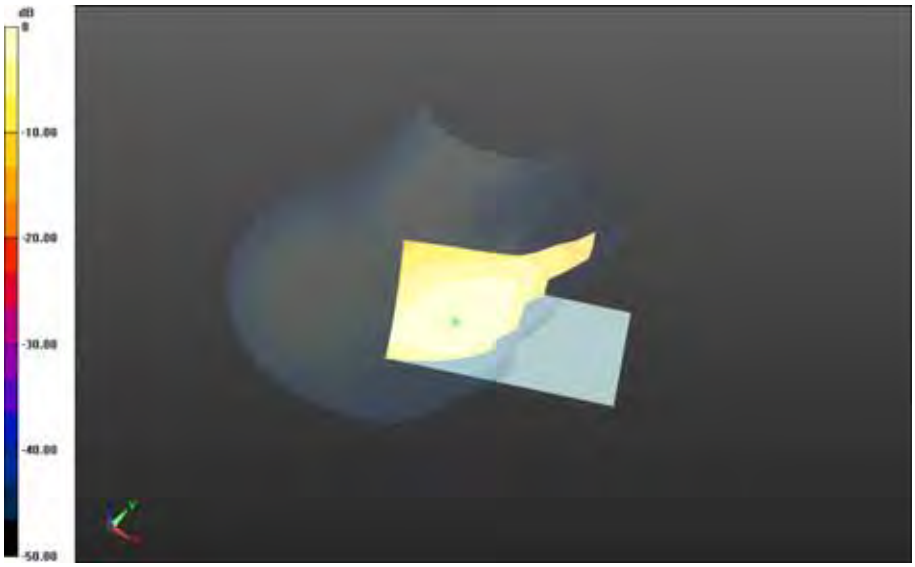
Reference Value = 5.252 V/m; **Power Drift = 0.053 dB**

Fast SAR: SAR(1g) = 0.226 W/kg; SAR(10g) = 0.153 W/kg
Maximum value of SAR (interpolated) = 0.240 W/kg

0 dB = 0.240 W/kg = -6.20 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_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.874 V/m; **Power Drift = 0.011 dB**

Fast SAR: SAR(1g) = 0.216 W/kg; SAR(10g) = 0.149 W/kg
Maximum value of SAR (interpolated) = 0.223 W/kg



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

Date: 8/19/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

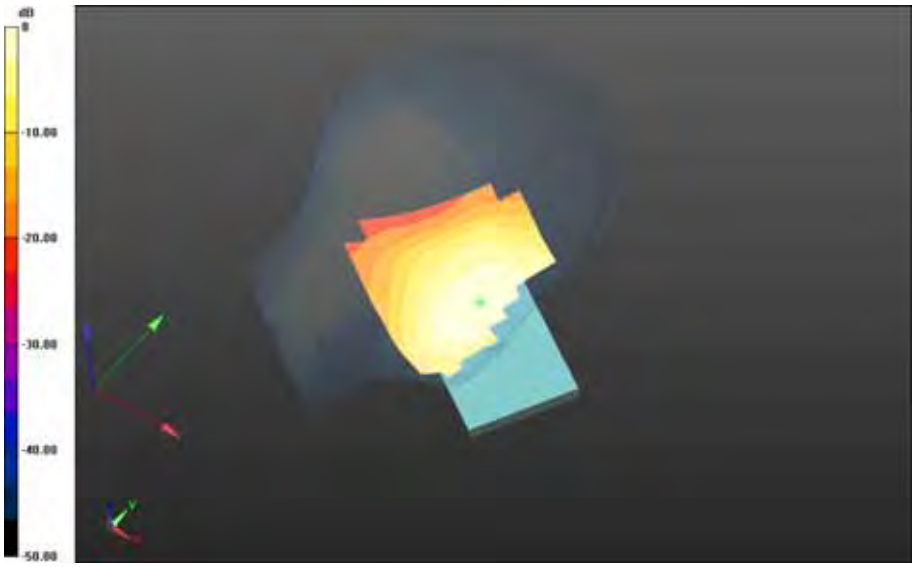
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.880 S/m; ε_r = 41.235; ρ = 1.000 g/cm^3
Phantom section: Left Section

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_23.8C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.781 V/m; **Power Drift = -0.069 dB**

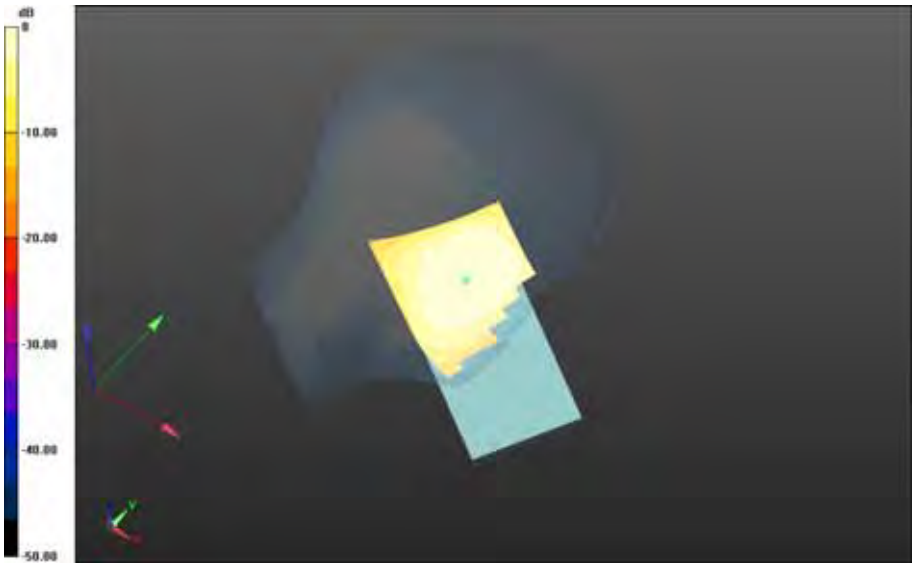
Fast SAR: SAR(1g) = 0.273 W/kg; SAR(10g) = 0.185 W/kg
Maximum value of SAR (interpolated) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg

Left-Hand-Side HSL - LTE band 5 - Slider Closed/Tilt Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.292 V/m; **Power Drift = -0.047 dB**

Fast SAR: SAR(1g) = 0.188 W/kg; SAR(10g) = 0.129 W/kg
Maximum value of SAR (interpolated) = 0.198 W/kg



0 dB = 0.198 W/kg = -7.03 dBW/kg

Date: 8/19/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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

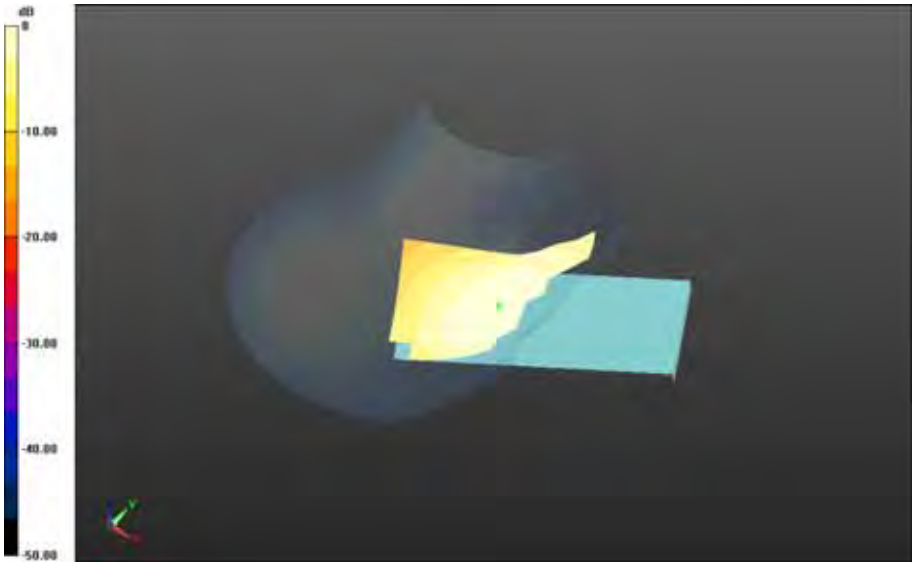
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.880 S/m; ε_r = 41.235; ρ = 1.000 g/cm^3
Phantom section: Right Section

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_23.5C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.442 V/m; **Power Drift = 0.159 dB**

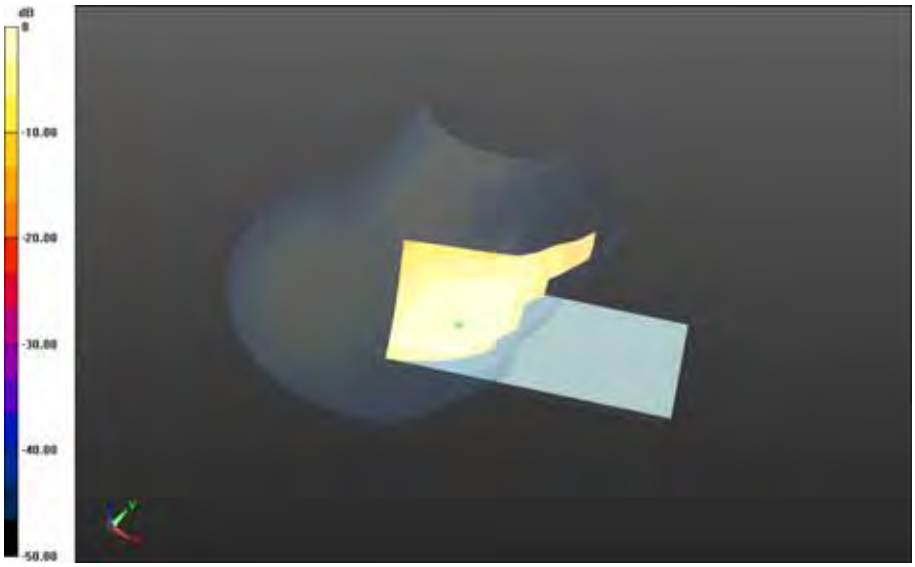
Fast SAR: SAR(1g) = 0.231 W/kg; SAR(10g) = 0.159 W/kg
Maximum value of SAR (interpolated) = 0.241 W/kg



0 dB = 0.241 W/kg = -6.18 dBW/kg

Right-Hand-Side HSL - LTE band 5 - Slider Open/Tilt Position - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.613 V/m; **Power Drift = 0.086 dB**

Fast SAR: SAR(1g) = 0.136 W/kg; SAR(10g) = 0.0937 W/kg
Maximum value of SAR (interpolated) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

Date: 8/19/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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

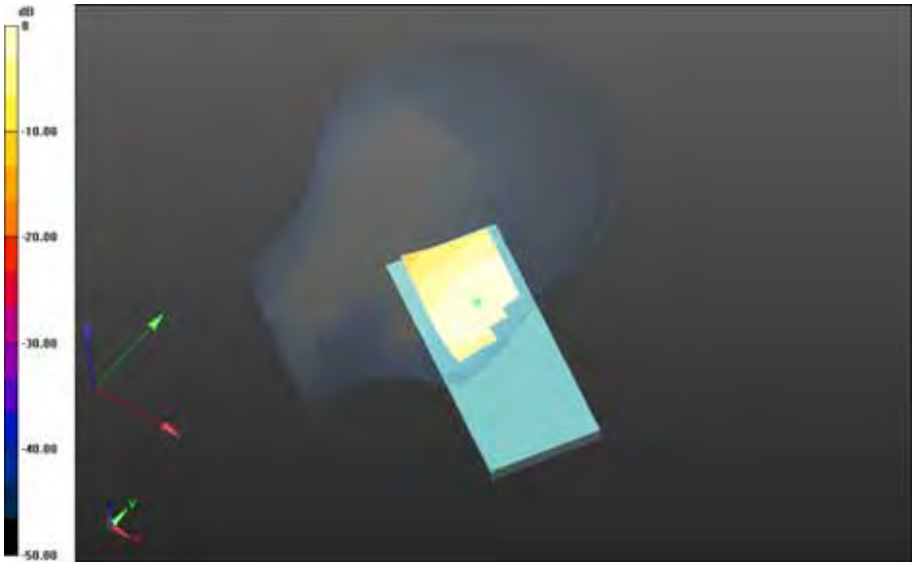
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.880 S/m; ε_r = 41.235; ρ = 1.000 g/cm^3
Phantom section: Left Section

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_23.7C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.526 V/m; **Power Drift = 0.330 dB**

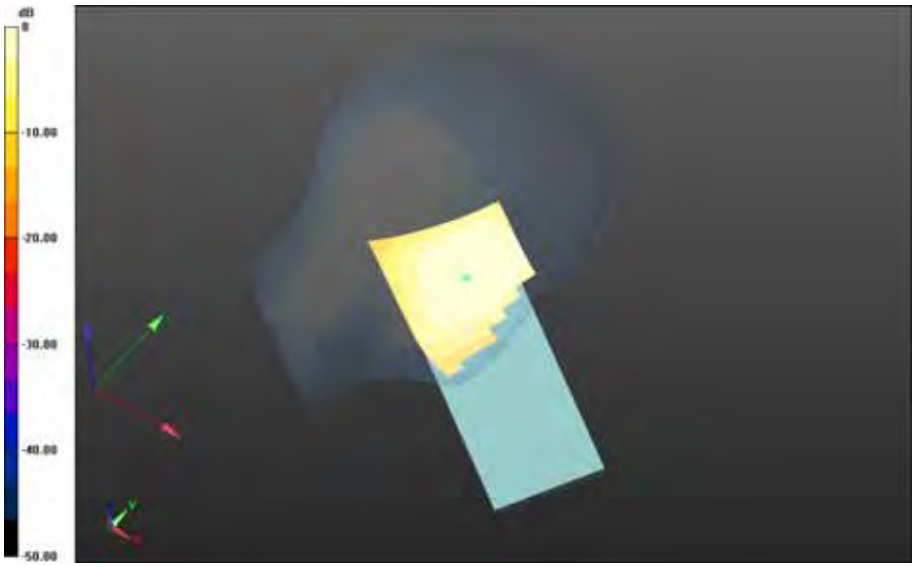
Fast SAR: SAR(1g) = 0.197 W/kg; SAR(10g) = 0.134 W/kg
Maximum value of SAR (interpolated) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 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_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.757 V/m; **Power Drift = 0.193 dB**

Fast SAR: SAR(1g) = 0.122 W/kg; SAR(10g) = 0.0850 W/kg
Maximum value of SAR (interpolated) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

Date: 8/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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 = 0.958 S/m; ε_r = 53.029; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

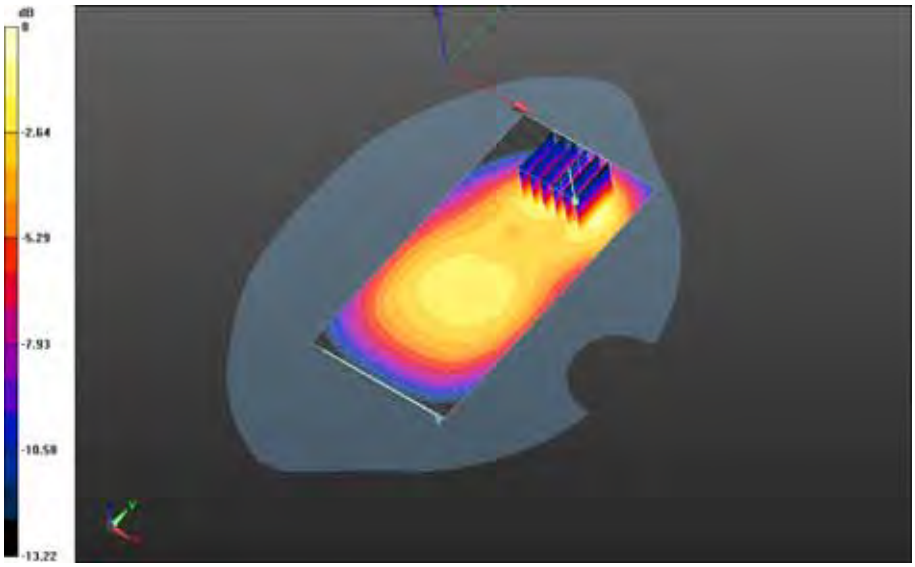
- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - LTE band 5 - Slider Closed/10mm Device Back - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.336 V/m; **Power Drift = -0.044 dB**

Fast SAR: SAR(1g) = 0.417 W/kg; SAR(10g) = 0.271 W/kg
Maximum value of SAR (interpolated) = 0.454 W/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Closed/10mm Device Back - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Zoom Scan (26x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 18.336 V/m; **Power Drift = -0.044 dB**

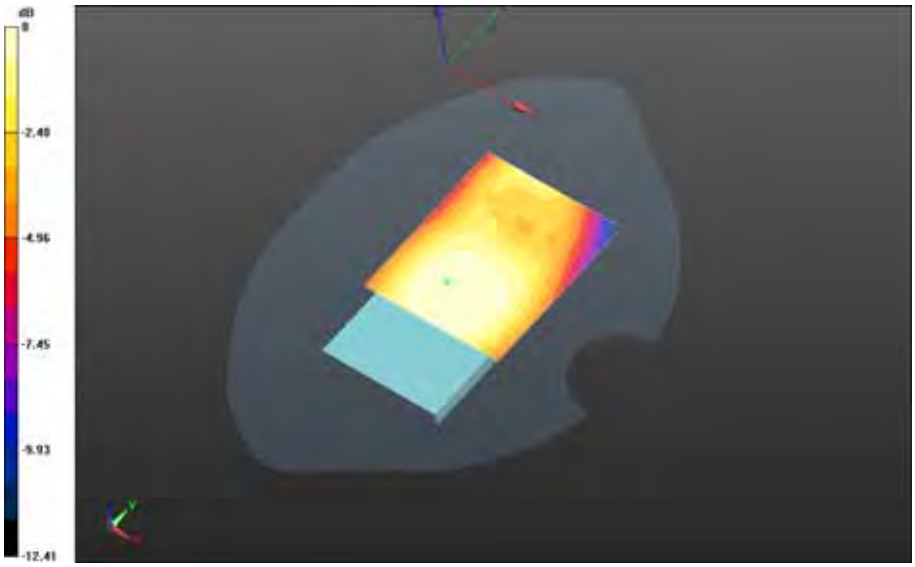
Averaged SAR: SAR(1g) = 0.436 W/kg; SAR(10g) = 0.245 W/kg
Maximum value of SAR (interpolated) = 0.780 W/kg



0 dB = 0.473 W/kg = -3.25 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 = 19.941 V/m; **Power Drift = 0.022 dB**

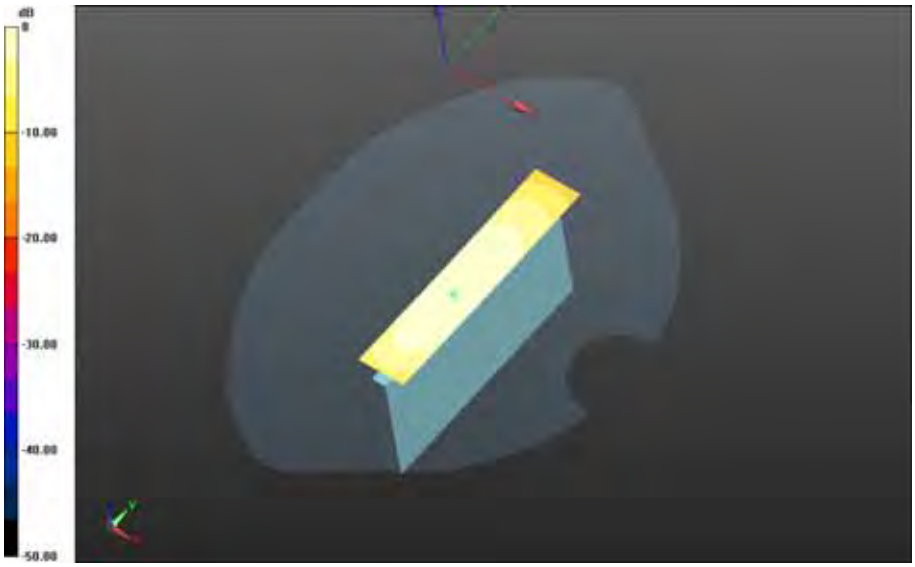
Fast SAR: SAR(1g) = 0.329 W/kg; SAR(10g) = 0.235 W/kg
Maximum value of SAR (interpolated) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 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 = 16.521 V/m; **Power Drift = -0.076 dB**

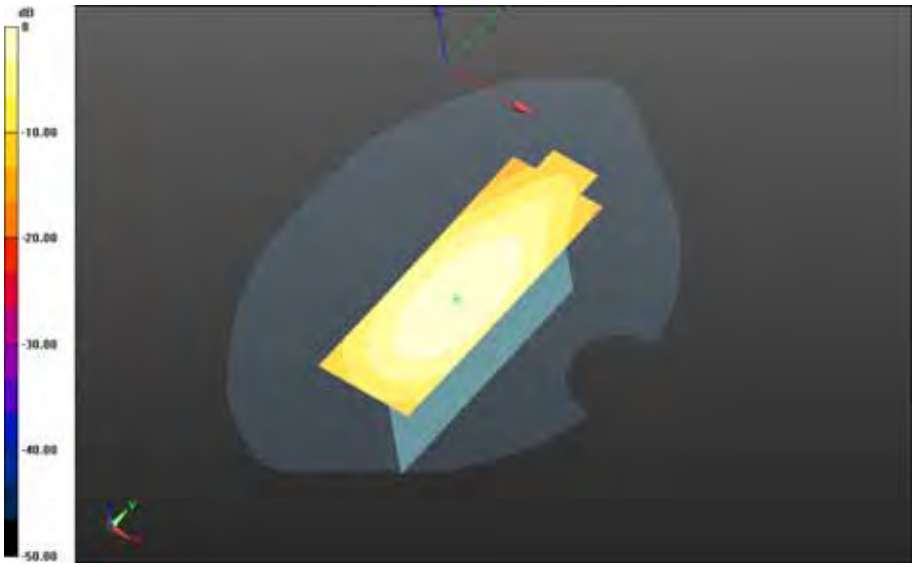
Fast SAR: SAR(1g) = 0.224 W/kg; SAR(10g) = 0.152 W/kg
Maximum value of SAR (interpolated) = 0.238 W/kg



0 dB = 0.238 W/kg = -6.23 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 = 21.067 V/m; **Power Drift = 0.026 dB**

Fast SAR: SAR(1g) = 0.384 W/kg; SAR(10g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 0.415 W/kg



0 dB = 0.415 W/kg = -3.82 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_23.8C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.805 V/m; **Power Drift = 0.143 dB**

Fast SAR: SAR(1g) = 0.493 W/kg; SAR(10g) = 0.291 W/kg
Maximum value of SAR (interpolated) = 0.574 W/kg

0 dB = 0.574 W/kg = -2.41 dBW/kg

Date: 8/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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 = 0.950 S/m; ε_r = 53.115; 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 = 15.094 V/m; **Power Drift = -0.00552 dB**

Fast SAR: SAR(1g) = 0.544 W/kg; SAR(10g) = 0.362 W/kg
Maximum value of SAR (interpolated) = 0.589 W/kg

0 dB = 0.589 W/kg = -2.30 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 = 14.578 V/m; **Power Drift = 0.060 dB**

Fast SAR: SAR(1g) = 0.562 W/kg; SAR(10g) = 0.374 W/kg
Maximum value of SAR (interpolated) = 0.616 W/kg

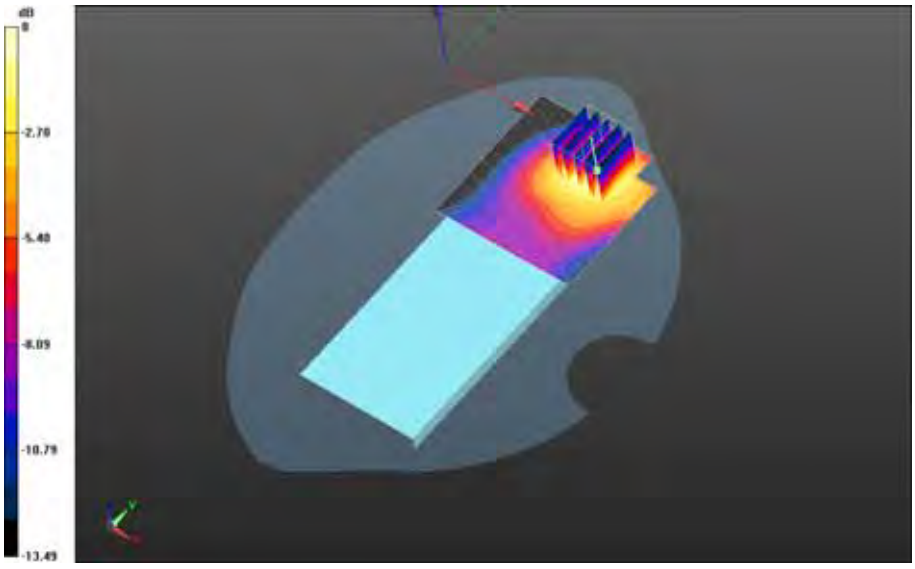
0 dB = 0.616 W/kg = -2.10 dBW/kg

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 = 13.699 V/m; **Power Drift = -0.026 dB**

Fast SAR: SAR(1g) = 0.565 W/kg; SAR(10g) = 0.374 W/kg
Maximum value of SAR (interpolated) = 0.613 W/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/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 13.699 V/m; **Power Drift = -0.026 dB**

Averaged SAR: SAR(1g) = 0.645 W/kg; SAR(10g) = 0.354 W/kg
Maximum value of SAR (interpolated) = 1.50 W/kg



0 dB = 0.693 W/kg = -1.59 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 = 11.788 V/m; **Power Drift = -0.00927 dB**

Fast SAR: SAR(1g) = 0.440 W/kg; SAR(10g) = 0.292 W/kg
Maximum value of SAR (interpolated) = 0.479 W/kg

0 dB = 0.479 W/kg = -3.20 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_23.8C_liq_temp_22.8C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.904 V/m; **Power Drift = 0.016 dB**

Fast SAR: SAR(1g) = 0.438 W/kg; SAR(10g) = 0.290 W/kg
Maximum value of SAR (interpolated) = 0.477 W/kg

0 dB = 0.477 W/kg = -3.21 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 = 15.329 V/m; **Power Drift = -0.053 dB**

Fast SAR: SAR(1g) = 0.389 W/kg; SAR(10g) = 0.257 W/kg
Maximum value of SAR (interpolated) = 0.418 W/kg

0 dB = 0.418 W/kg = -3.79 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_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.167 V/m; **Power Drift = -0.101 dB**

Fast SAR: SAR(1g) = 0.133 W/kg; SAR(10g) = 0.0900 W/kg
Maximum value of SAR (interpolated) = 0.142 W/kg

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

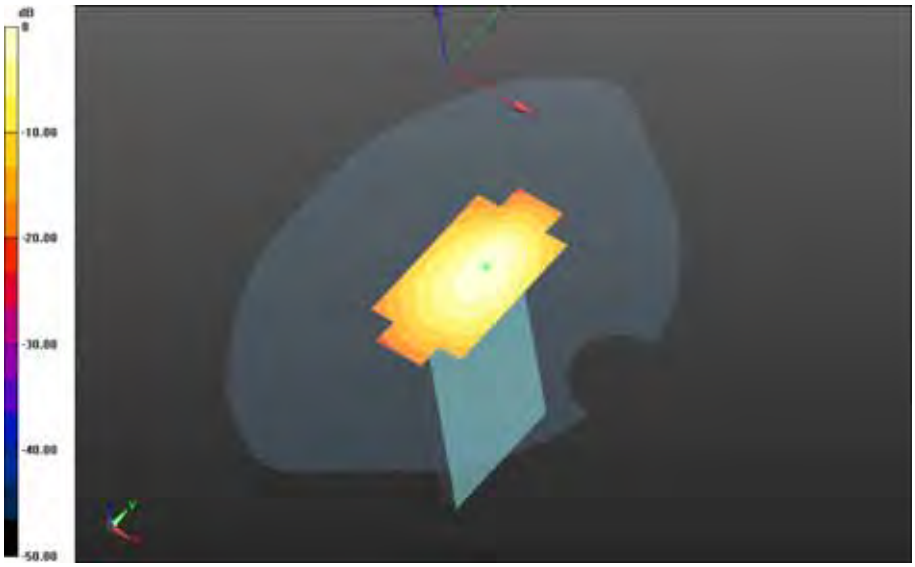
Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Right - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.211 V/m; **Power Drift = 0.037 dB**

Fast SAR: SAR(1g) = 0.303 W/kg; SAR(10g) = 0.205 W/kg
Maximum value of SAR (interpolated) = 0.323 W/kg

0 dB = 0.323 W/kg = -4.91 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Bottom - LTE band 5_chan20450_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 = 21.797 V/m; **Power Drift = 0.060 dB**

Fast SAR: SAR(1g) = 0.539 W/kg; SAR(10g) = 0.323 W/kg
Maximum value of SAR (interpolated) = 0.620 W/kg



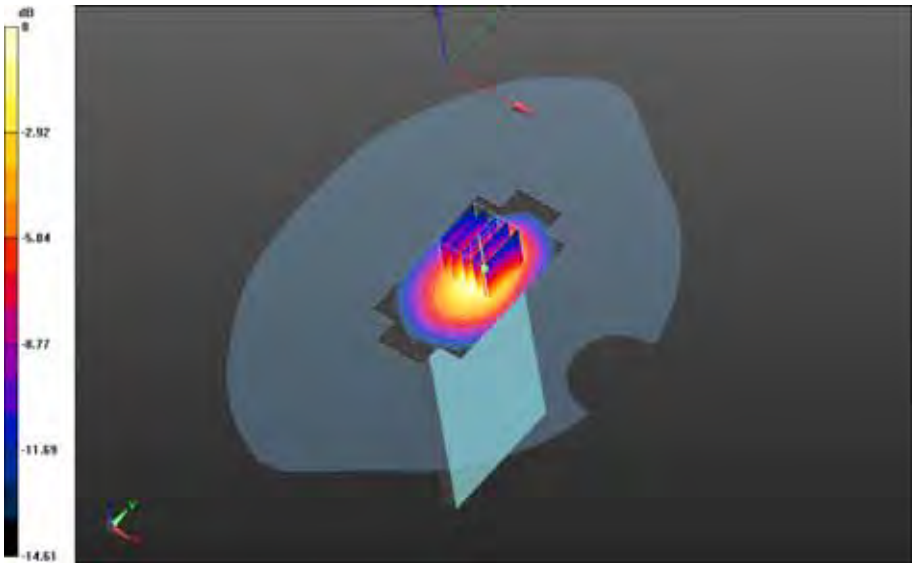
0 dB = 0.620 W/kg = -2.08 dBW/kg

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 = 22.893 V/m; **Power Drift = -0.065 dB**

Fast SAR: SAR(1g) = 0.588 W/kg; SAR(10g) = 0.354 W/kg
Maximum value of SAR (interpolated) = 0.680 W/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/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 22.893 V/m; **Power Drift = -0.065 dB**

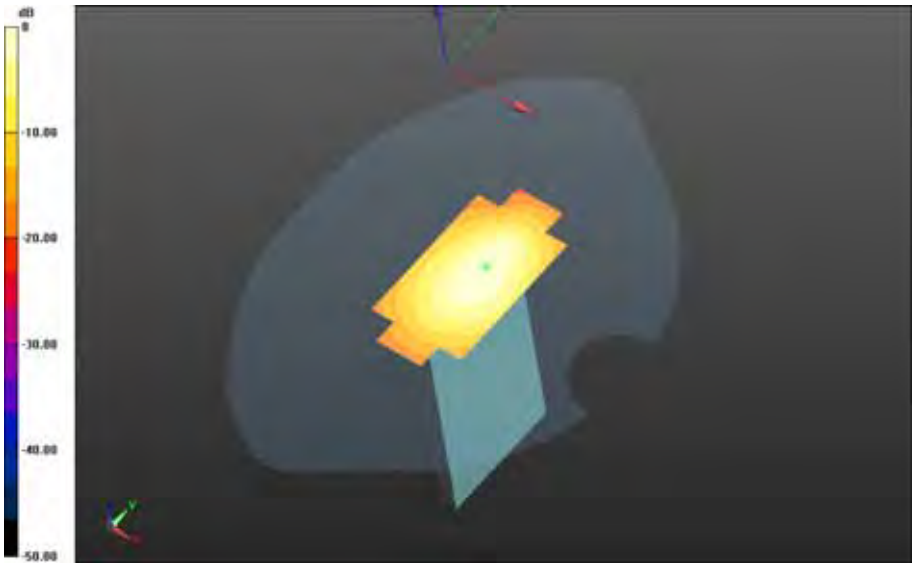
Averaged SAR: SAR(1g) = 0.580 W/kg; SAR(10g) = 0.326 W/kg
Maximum value of SAR (interpolated) = 1.03 W/kg



0 dB = 0.647 W/kg = -1.89 dBW/kg

Mobile Hot Spot MSL - LTE band 5 - Slider Open/10mm Device Bottom - LTE band 5_chan20600_10MHz_BW_RB1_Offset_Mid_amb_temp_23.6C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.306 V/m; **Power Drift = -0.028 dB**

Fast SAR: SAR(1g) = 0.550 W/kg; SAR(10g) = 0.331 W/kg
Maximum value of SAR (interpolated) = 0.636 W/kg



0 dB = 0.636 W/kg = -1.97 dBW/kg

Date: 8/19/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

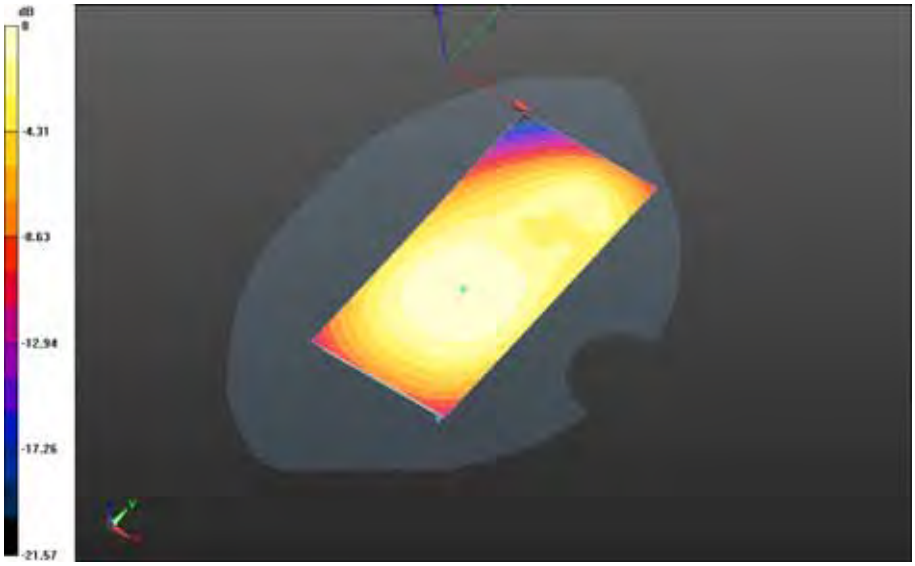
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 836.5 MHz
Medium Parameters used: f=836.5 MHz; σ = 0.958 S/m; ε_r = 53.029; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 = 17.417 V/m; **Power Drift = 0.071 dB**

Fast SAR: SAR(1g) = 0.256 W/kg; SAR(10g) = 0.182 W/kg
Maximum value of SAR (interpolated) = 0.270 W/kg



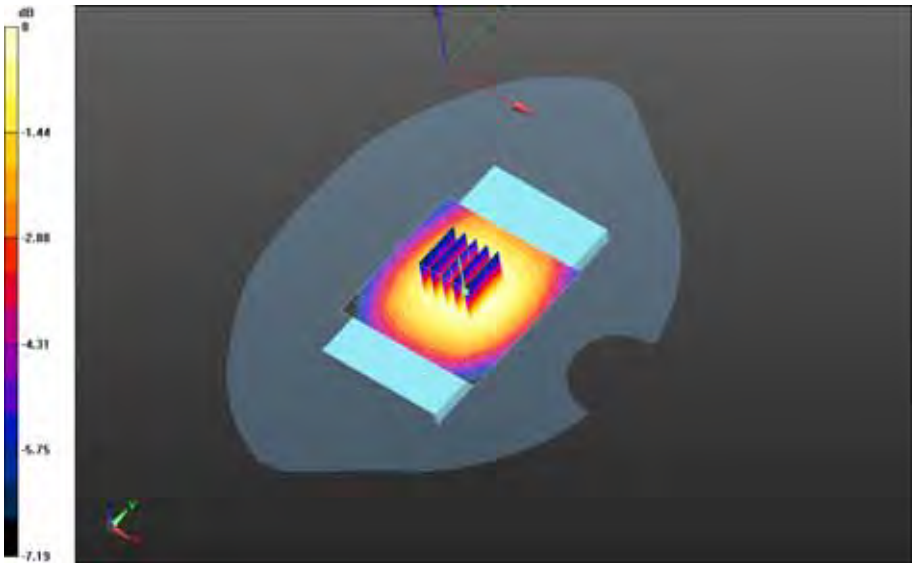
0 dB = 0.270 W/kg = -5.69 dBW/kg

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 = 20.156 V/m; **Power Drift = 0.018 dB**

Fast SAR: SAR(1g) = 0.336 W/kg; SAR(10g) = 0.239 W/kg
Maximum value of SAR (interpolated) = 0.350 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 = 20.156 V/m; **Power Drift = 0.018 dB**

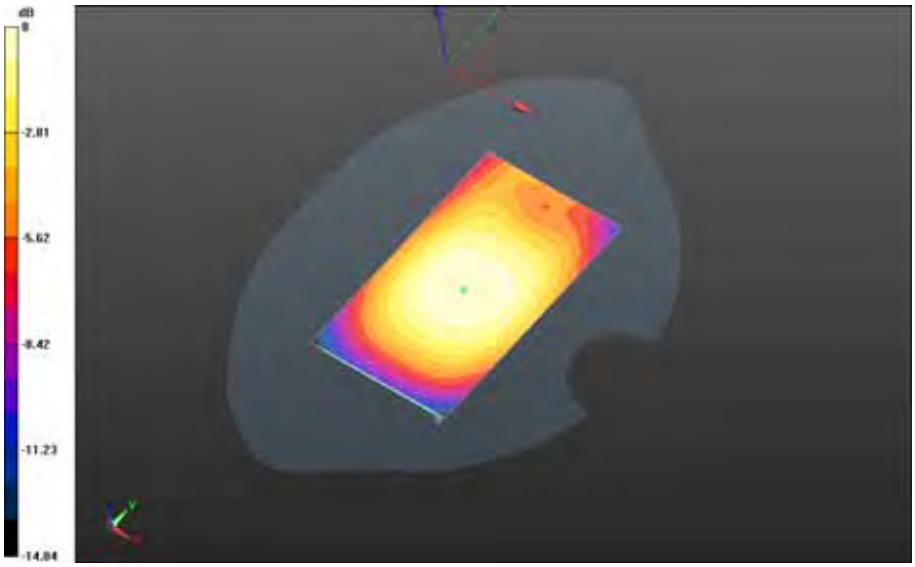
Averaged SAR: SAR(1g) = 0.342 W/kg; SAR(10g) = 0.268 W/kg
Maximum value of SAR (interpolated) = 0.396 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

Body Worn MSL - LTE band 5 - Slider Closed/15mm Device Front - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.113 V/m; **Power Drift = 0.115 dB**

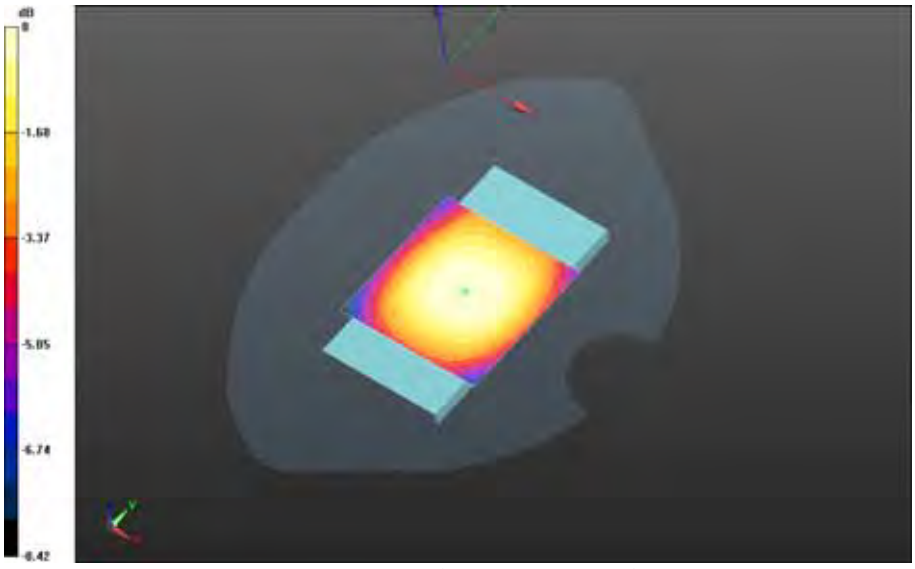
Fast SAR: SAR(1g) = 0.311 W/kg; SAR(10g) = 0.221 W/kg
Maximum value of SAR (interpolated) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 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 = 17.810 V/m; **Power Drift = 0.039 dB**

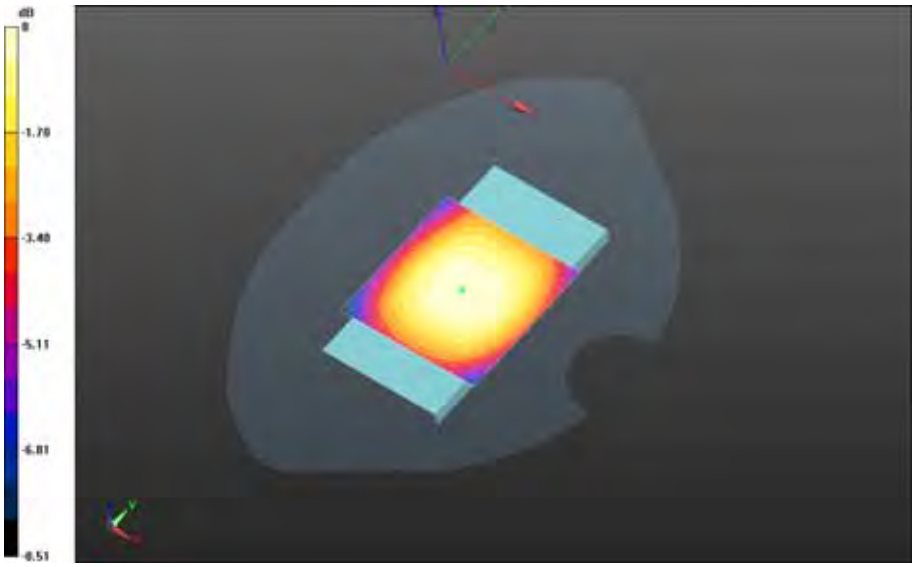
Fast SAR: SAR(1g) = 0.267 W/kg; SAR(10g) = 0.190 W/kg
Maximum value of SAR (interpolated) = 0.279 W/kg



0 dB = 0.279 W/kg = -5.54 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 = 15.407 V/m; **Power Drift = -0.044 dB**

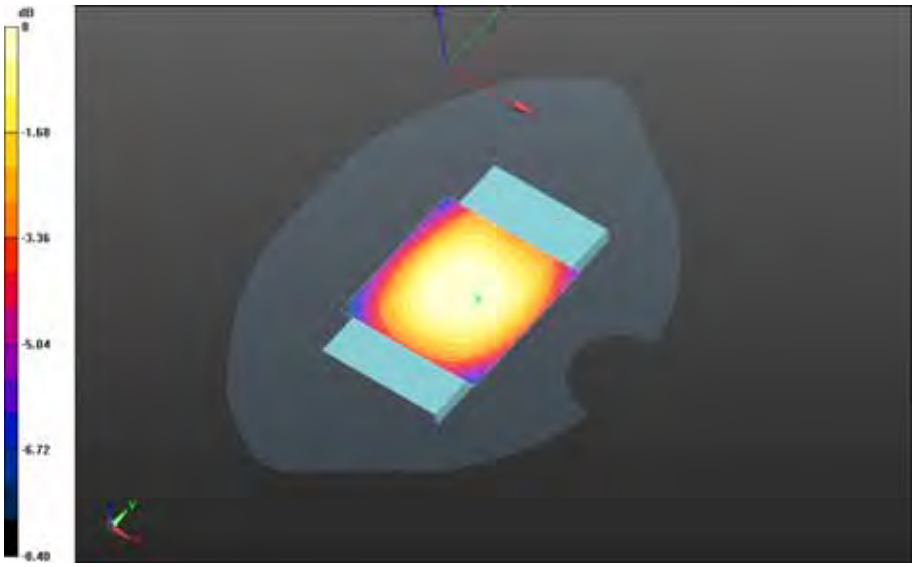
Fast SAR: SAR(1g) = 0.198 W/kg; SAR(10g) = 0.141 W/kg
Maximum value of SAR (interpolated) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 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 = 15.669 V/m; **Power Drift = 0.000371 dB**

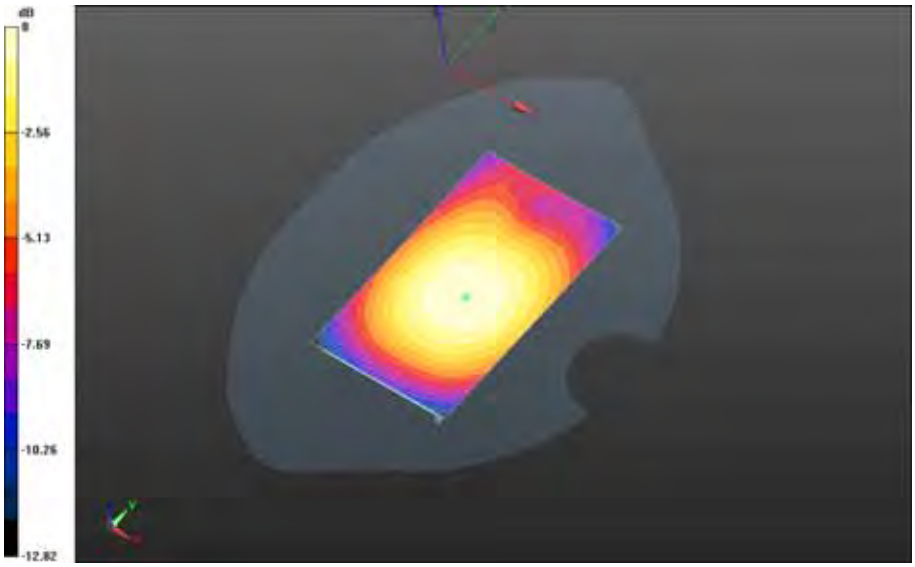
Fast SAR: SAR(1g) = 0.204 W/kg; SAR(10g) = 0.145 W/kg
Maximum value of SAR (interpolated) = 0.213 W/kg



0 dB = 0.213 W/kg = -6.72 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 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.841 V/m; **Power Drift = 0.189 dB**

Fast SAR: SAR(1g) = 0.243 W/kg; SAR(10g) = 0.172 W/kg
Maximum value of SAR (interpolated) = 0.256 W/kg



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

GSM 850

Date: 8/17/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

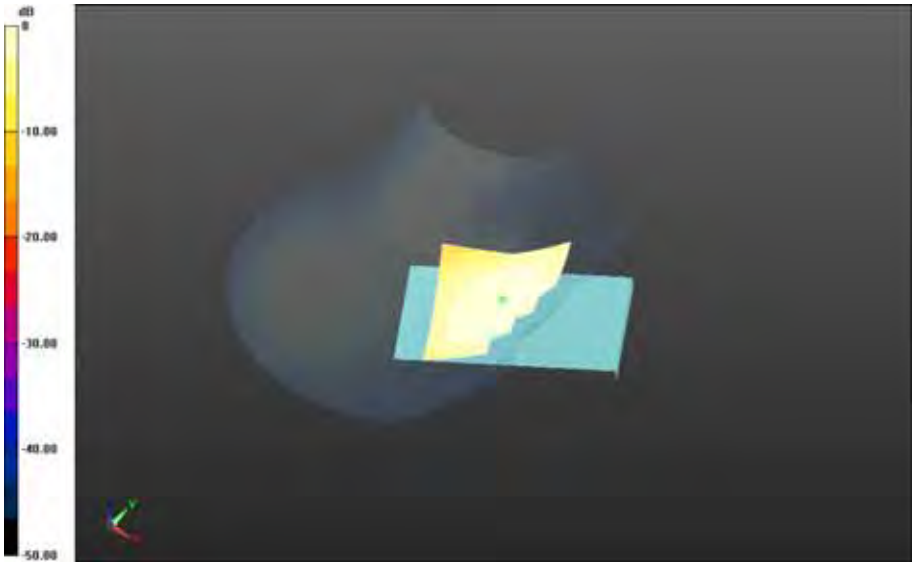
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.871 S/m; ε_r = 41.396; ρ = 1.000 g/cm^3
Phantom section: Right Section

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_22.8C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.843 V/m; **Power Drift = 0.096 dB**

Fast SAR: SAR(1g) = 0.382 W/kg; SAR(10g) = 0.261 W/kg
Maximum value of SAR (interpolated) = 0.396 W/kg



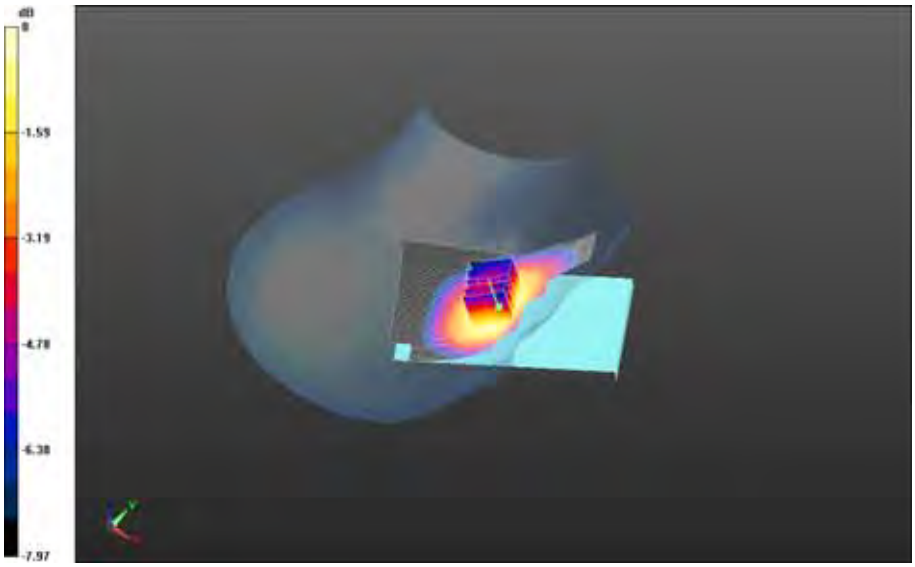
0 dB = 0.396 W/kg = -4.02 dBW/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-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 = 6.664 V/m; **Power Drift = -0.069 dB**

Fast SAR: SAR(1g) = 0.410 W/kg; SAR(10g) = 0.281 W/kg
Maximum value of SAR (interpolated) = 0.427 W/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.7C_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 = 6.664 V/m; **Power Drift = -0.069 dB**

Averaged SAR: SAR(1g) = 0.420 W/kg; SAR(10g) = 0.327 W/kg
Maximum value of SAR (interpolated) = 0.493 W/kg



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

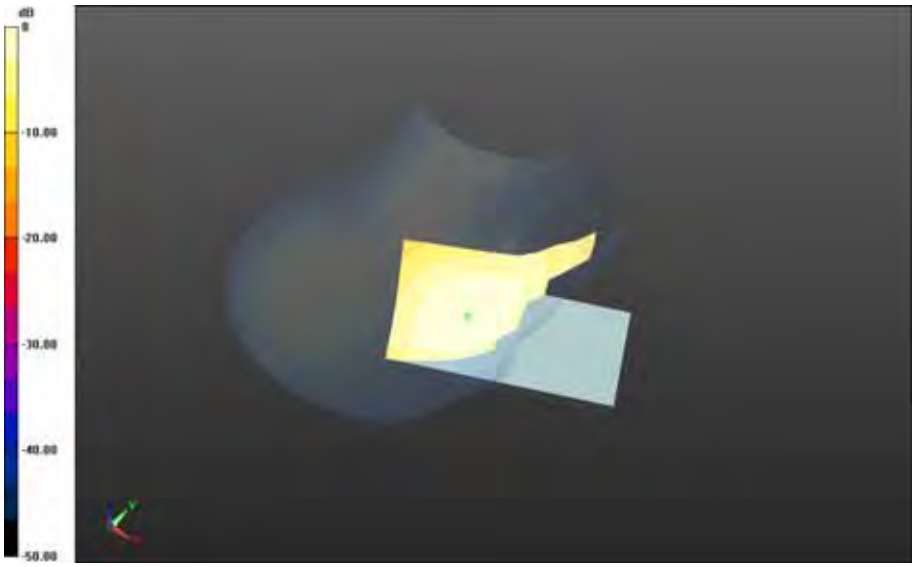
Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Touch Position - DTM 850_3-Slot_chan251_amb_temp_23.8C_liq_temp_22.9C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.043 V/m; **Power Drift = 0.229 dB**

Fast SAR: SAR(1g) = 0.340 W/kg; SAR(10g) = 0.230 W/kg
Maximum value of SAR (interpolated) = 0.355 W/kg

0 dB = 0.355 W/kg = -4.50 dBW/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Tilt Position - DTM 850_3-Slot_chan190_amb_temp_24.1C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.434 V/m; **Power Drift = 0.169 dB**

Fast SAR: SAR(1g) = 0.247 W/kg; SAR(10g) = 0.172 W/kg
Maximum value of SAR (interpolated) = 0.257 W/kg



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

Date: 8/18/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

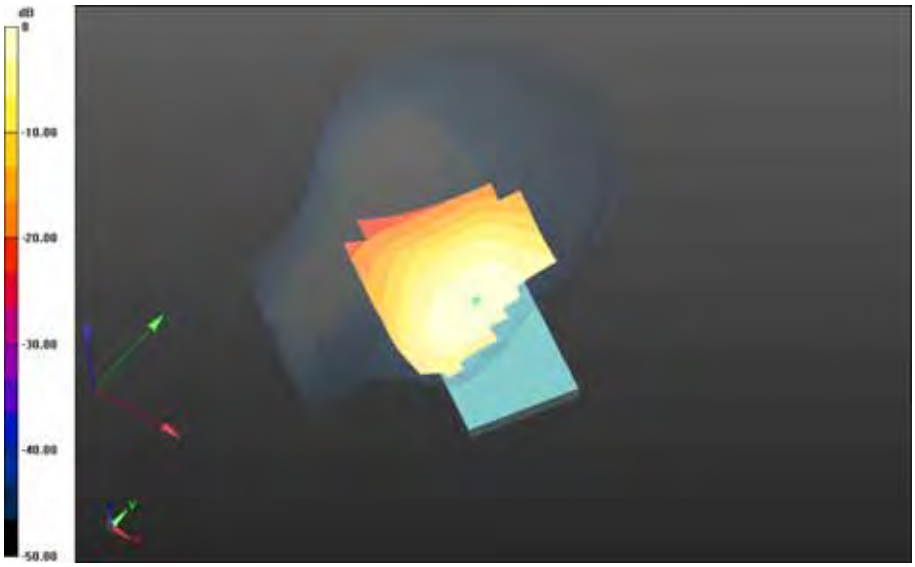
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.880 S/m; ε_r = 41.231; ρ = 1.000 g/cm^3
Phantom section: Left Section

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_23.4C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.400 V/m; **Power Drift = -0.114 dB**

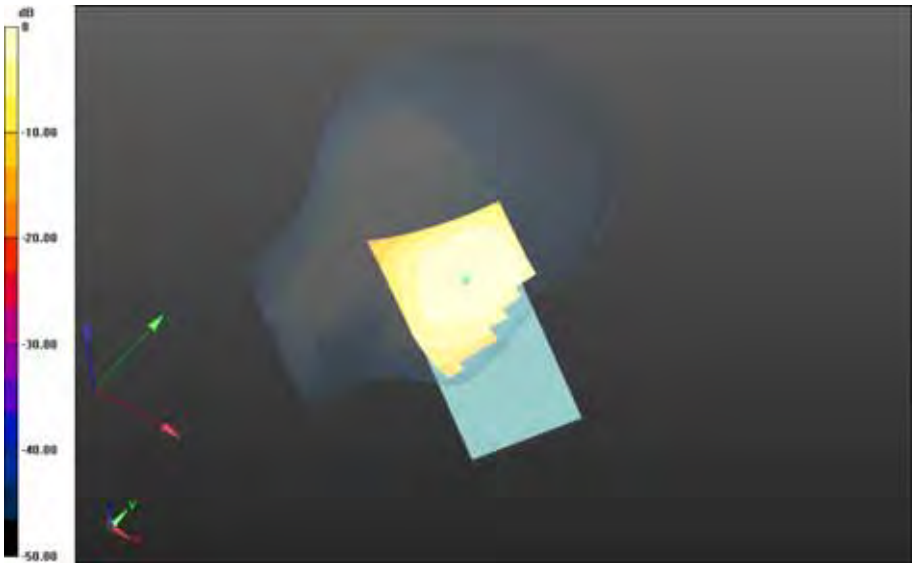
Fast SAR: SAR(1g) = 0.292 W/kg; SAR(10g) = 0.199 W/kg
Maximum value of SAR (interpolated) = 0.311 W/kg



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

Left-Hand-Side HSL - DTM_GSM 850 - Slider Closed/Tilt Position - DTM 850_3-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 = 11.144 V/m; **Power Drift = 0.074 dB**

Fast SAR: SAR(1g) = 0.216 W/kg; SAR(10g) = 0.149 W/kg
Maximum value of SAR (interpolated) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg

Date: 8/17/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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 = 0.880 S/m; ε_r = 41.231; 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)

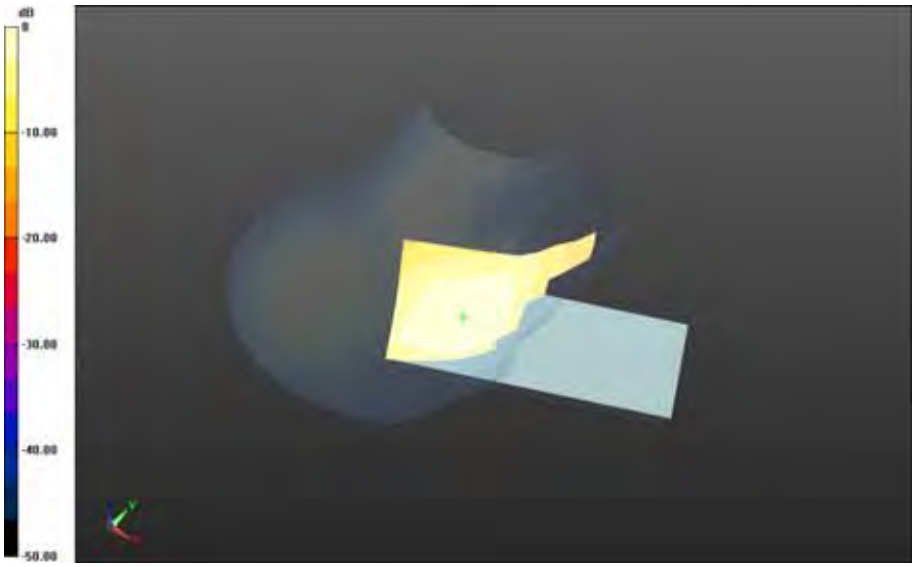
Right-Hand-Side HSL - DTM_GSM 850 - Slider Open/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.272 V/m; **Power Drift = -0.000792 dB**

Fast SAR: SAR(1g) = 0.302 W/kg; SAR(10g) = 0.206 W/kg
Maximum value of SAR (interpolated) = 0.315 W/kg

0 dB = 0.315 W/kg = -5.02 dBW/kg

Right-Hand-Side HSL - DTM_GSM 850 - Slider Open/Tilt Position - DTM 850_3-Slot_chan190_amb_temp_23.8C_liq_temp_23.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.728 V/m; **Power Drift = -0.111 dB**

Fast SAR: SAR(1g) = 0.170 W/kg; SAR(10g) = 0.117 W/kg
Maximum value of SAR (interpolated) = 0.178 W/kg



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

Date: 8/18/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

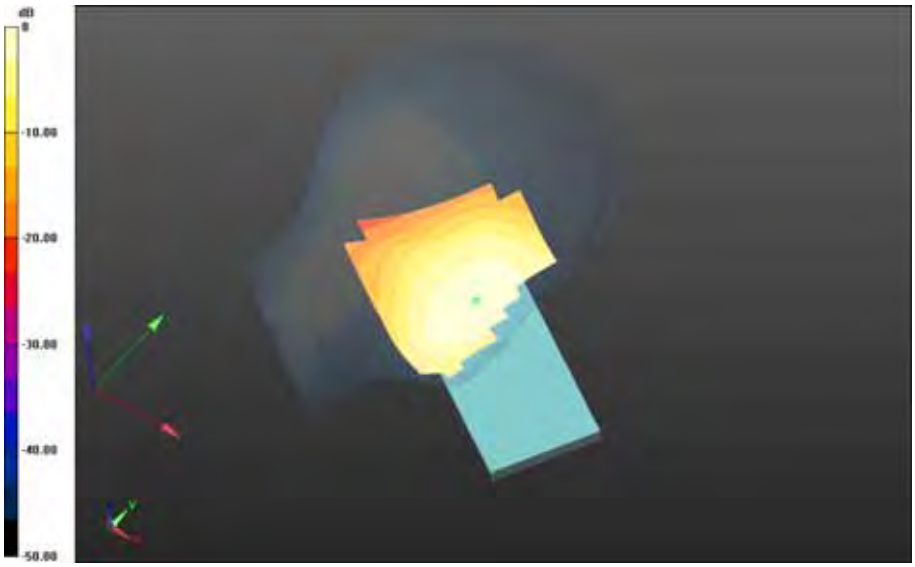
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.880 S/m; ε_r = 41.231; ρ = 1.000 g/cm^3
Phantom section: Left Section

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_23.4C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.288 V/m; **Power Drift = 0.482 dB**

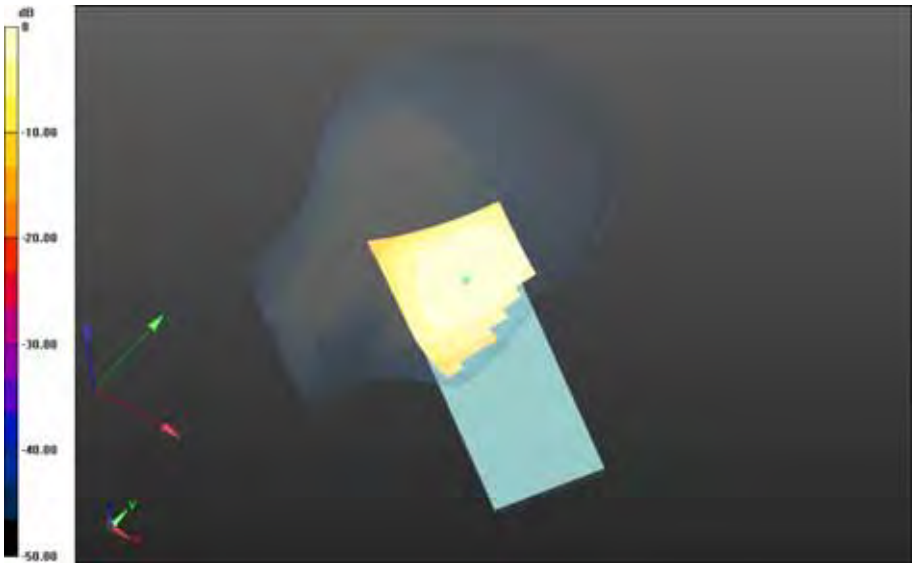
Fast SAR: SAR(1g) = 0.248 W/kg; SAR(10g) = 0.170 W/kg
Maximum value of SAR (interpolated) = 0.263 W/kg



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

Left-Hand-Side HSL - DTM_GSM 850 - Slider Open/Tilt Position - DTM 850_3-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 = 9.974 V/m; **Power Drift = -0.171 dB**

Fast SAR: SAR(1g) = 0.138 W/kg; SAR(10g) = 0.0962 W/kg
Maximum value of SAR (interpolated) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Date: 8/13/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

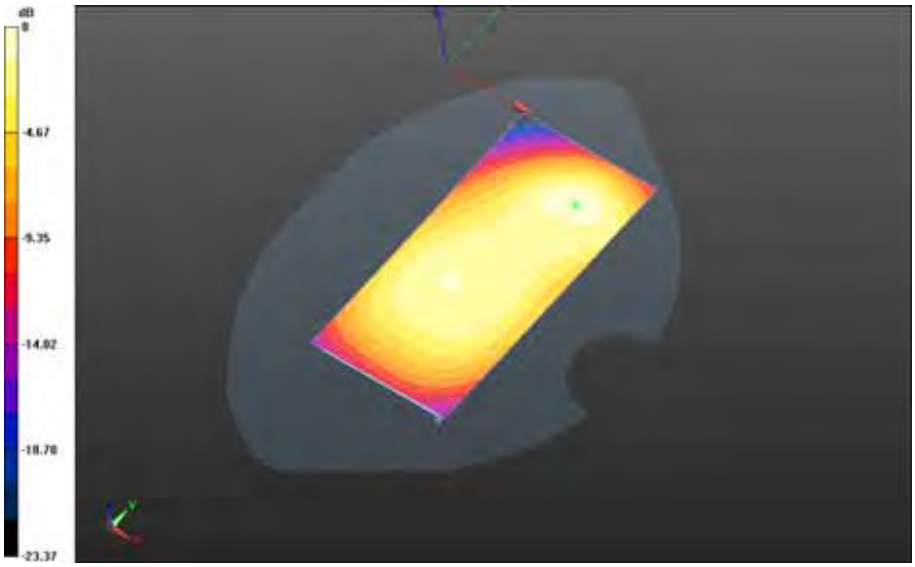
Communication System: GPRS 850 (2-slots) (0); Communication System Band: GPRS 850;
Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.959 S/m; ε_r = 52.636; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 = 20.974 V/m; **Power Drift = -0.057 dB**

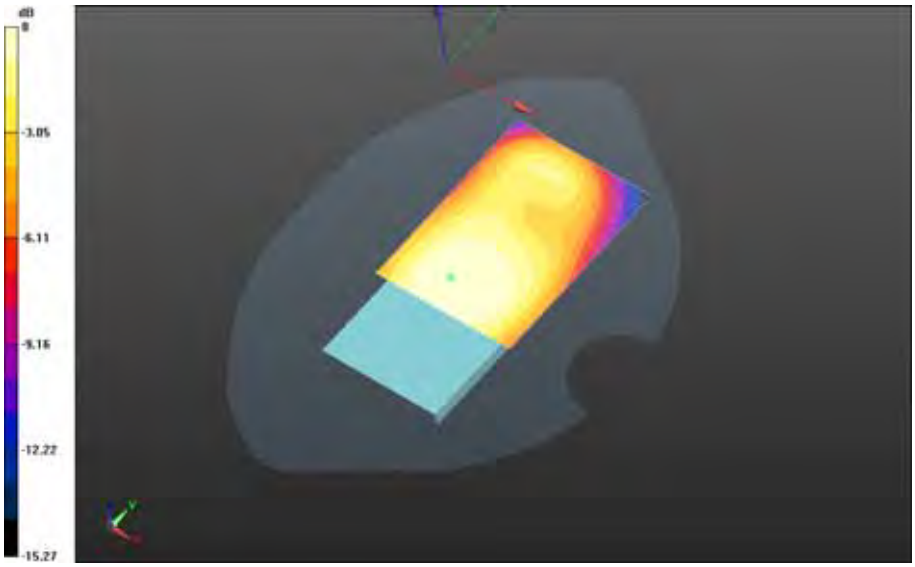
Fast SAR: SAR(1g) = 0.487 W/kg; SAR(10g) = 0.309 W/kg
Maximum value of SAR (interpolated) = 0.542 W/kg



0 dB = 0.542 W/kg = -2.66 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Front - GPRS 850_2-Slot_chan190_amb_temp_23.7C_liq_temp_22.5C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 23.290 V/m; **Power Drift = -0.015 dB**

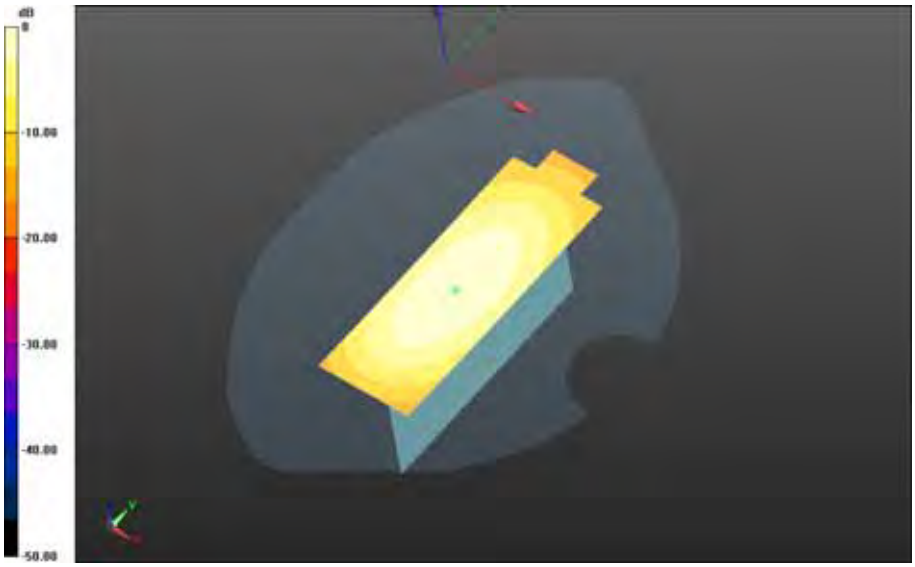
Fast SAR: SAR(1g) = 0.453 W/kg; SAR(10g) = 0.321 W/kg
Maximum value of SAR (interpolated) = 0.476 W/kg



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

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Left - GPRS 850_2-Slot_chan190_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.055 V/m; **Power Drift = -0.154 dB**

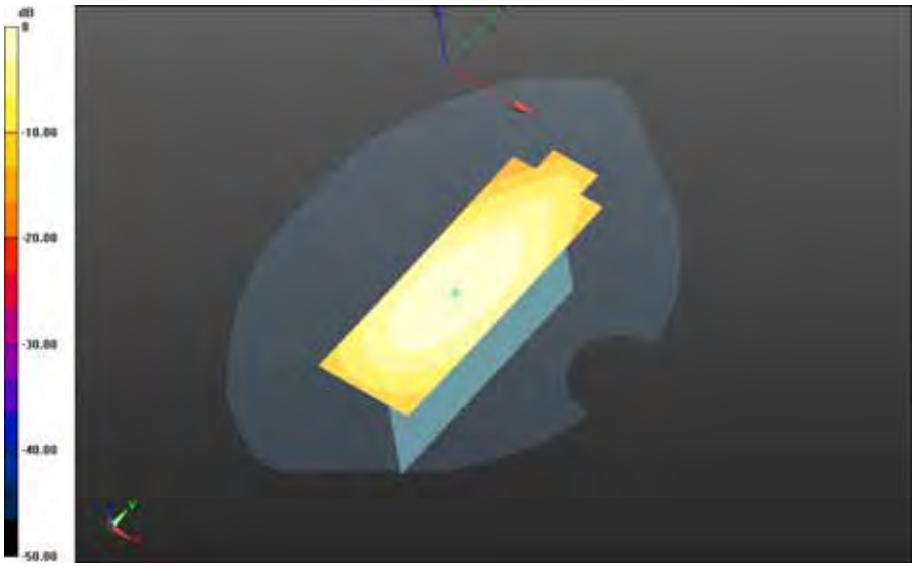
Fast SAR: SAR(1g) = 0.325 W/kg; SAR(10g) = 0.219 W/kg
Maximum value of SAR (interpolated) = 0.350 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Right - GPRS 850_2-Slot_chan190_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.569 V/m; **Power Drift = 0.015 dB**

Fast SAR: SAR(1g) = 0.503 W/kg; SAR(10g) = 0.339 W/kg
Maximum value of SAR (interpolated) = 0.539 W/kg



0 dB = 0.539 W/kg = -2.68 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Closed/10mm Device Bottom - GPRS 850_2-Slot_chan190_amb_temp_23.9C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.321 V/m; **Power Drift = 0.000945 dB**

Fast SAR: SAR(1g) = 0.461 W/kg; SAR(10g) = 0.270 W/kg
Maximum value of SAR (interpolated) = 0.531 W/kg

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

Date: 8/19/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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 = 0.947 S/m; ε_r = 52.778; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

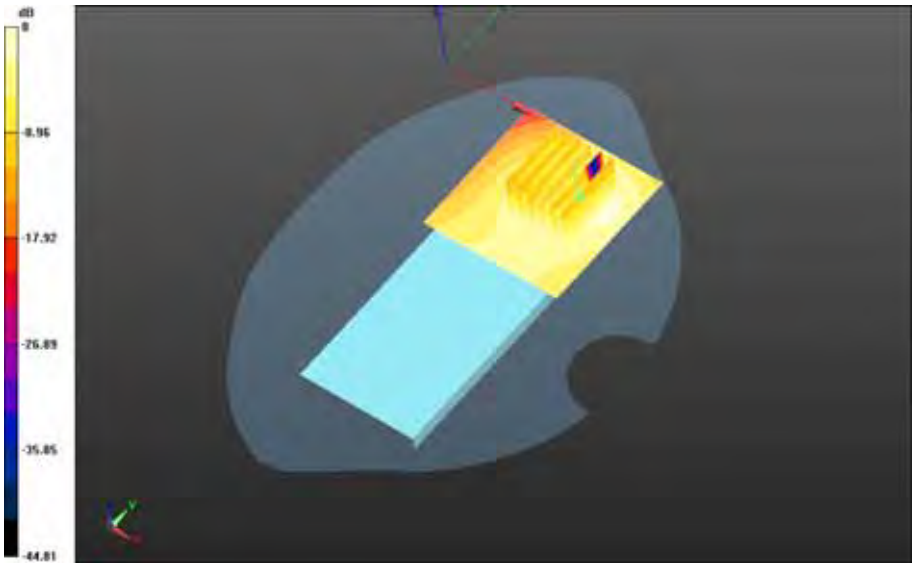
- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan128_amb_temp_23.7C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.363 V/m; **Power Drift = 0.052 dB**

Fast SAR: SAR(1g) = 0.475 W/kg; SAR(10g) = 0.308 W/kg
Maximum value of SAR (interpolated) = 0.513 W/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan128_amb_temp_23.7C_liq_temp_22.6C/Zoom Scan (26x31x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 15.363 V/m; **Power Drift = 0.052 dB**

Averaged SAR: SAR(1g) = 0.528 W/kg; SAR(10g) = 0.279 W/kg
Maximum value of SAR (interpolated) = 1.09 W/kg



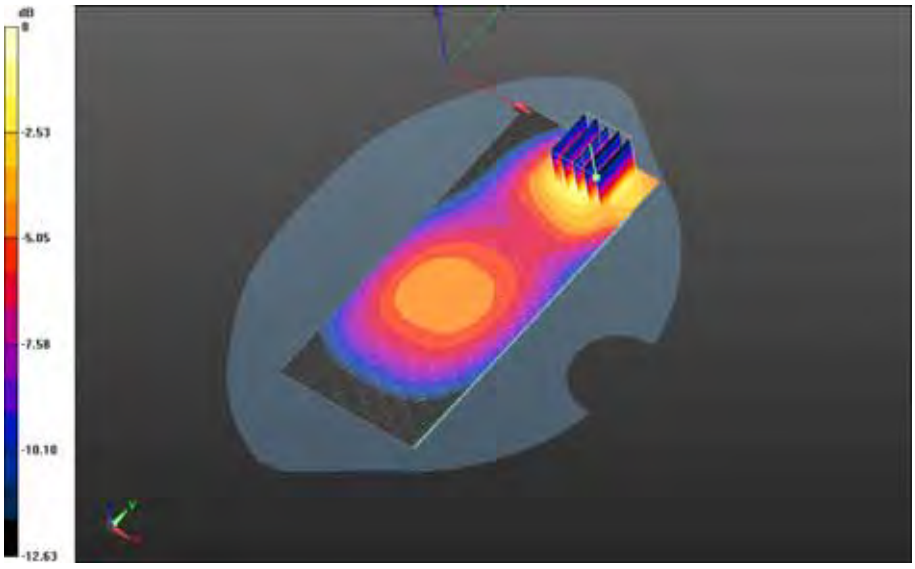
0 dB = 0.517 W/kg = -2.87 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - 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 = 17.155 V/m; **Power Drift = -0.128 dB**

Fast SAR: SAR(1g) = 0.650 W/kg; SAR(10g) = 0.408 W/kg
Maximum value of SAR (interpolated) = 0.729 W/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan190_amb_temp_23.7C_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 = 17.155 V/m; **Power Drift = -0.128 dB**

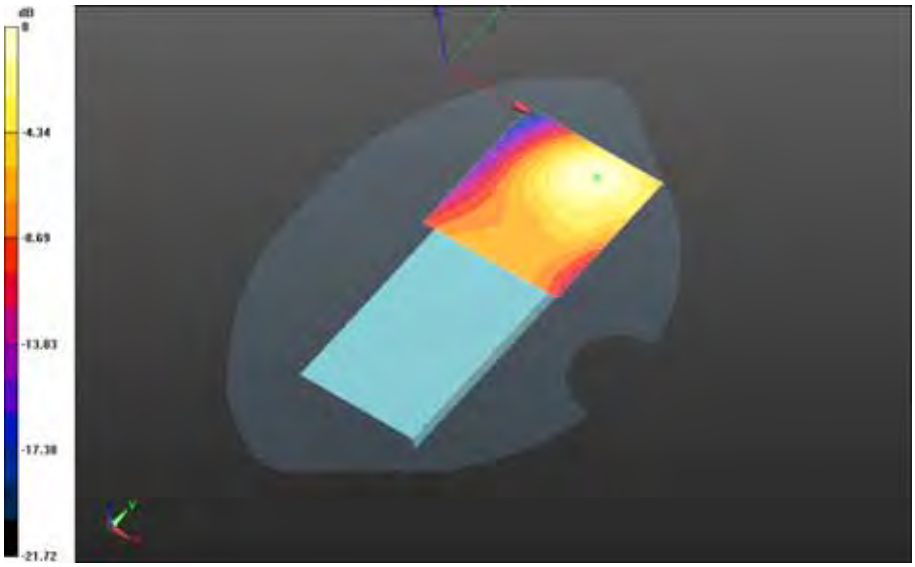
Averaged SAR: SAR(1g) = 0.647 W/kg; SAR(10g) = 0.373 W/kg
Maximum value of SAR (interpolated) = 1.10 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Back - GPRS 850_2-Slot_chan251_amb_temp_23.7C_liq_temp_22.6C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.167 V/m; **Power Drift = 0.00591 dB**

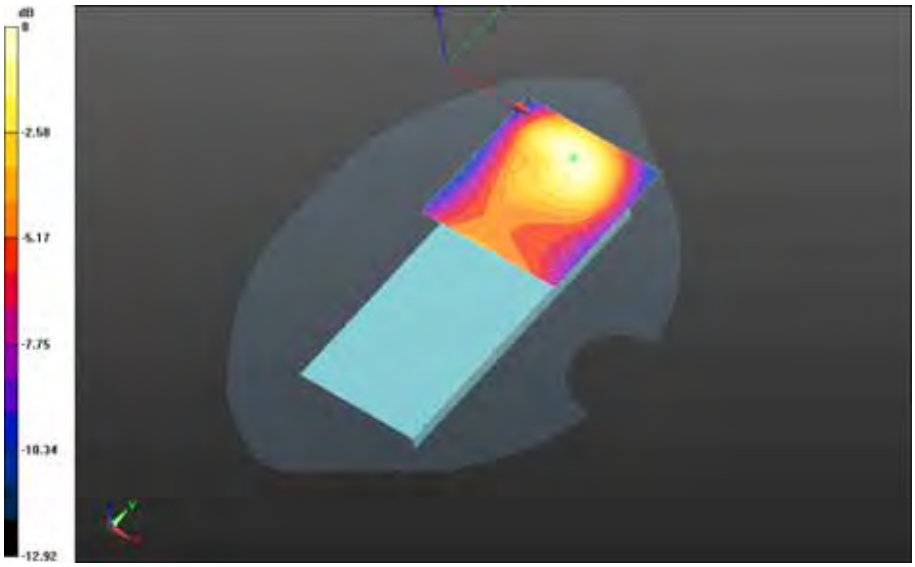
Fast SAR: SAR(1g) = 0.621 W/kg; SAR(10g) = 0.396 W/kg
Maximum value of SAR (interpolated) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Front - GPRS 850_2-Slot_chan190_amb_temp_23.6C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 18.899 V/m; **Power Drift = -0.113 dB**

Fast SAR: SAR(1g) = 0.457 W/kg; SAR(10g) = 0.298 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 Open/10mm Device Left - GPRS 850_2-Slot_chan190_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.122 V/m; **Power Drift = 0.329 dB**

Fast SAR: SAR(1g) = 0.208 W/kg; SAR(10g) = 0.141 W/kg
Maximum value of SAR (interpolated) = 0.223 W/kg

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

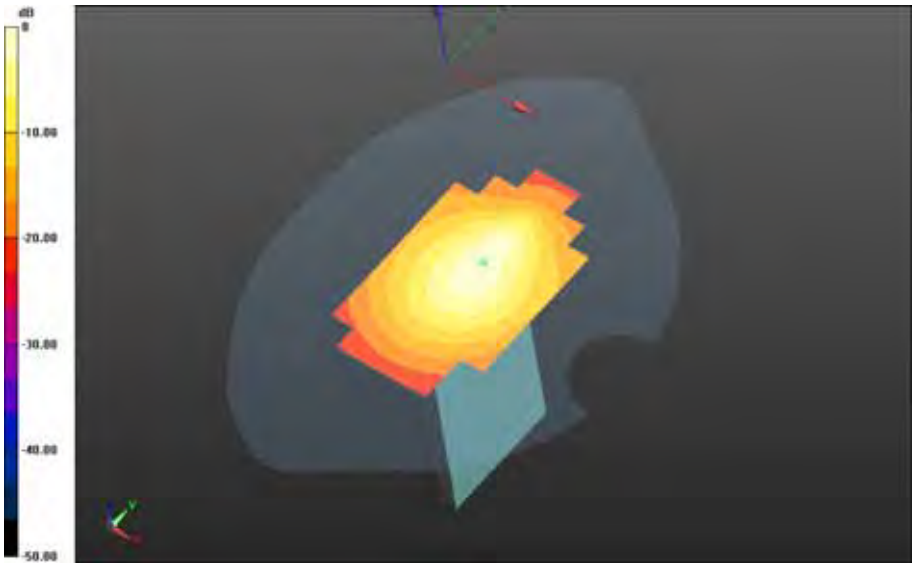
Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Right - GPRS 850_2-Slot_chan190_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.110 V/m; **Power Drift = -0.024 dB**

Fast SAR: SAR(1g) = 0.391 W/kg; SAR(10g) = 0.265 W/kg
Maximum value of SAR (interpolated) = 0.417 W/kg

0 dB = 0.417 W/kg = -3.80 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Bottom - GPRS 850_2-Slot_chan128_amb_temp_23.9C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.827 V/m; **Power Drift = -0.033 dB**

Fast SAR: SAR(1g) = 0.419 W/kg; SAR(10g) = 0.243 W/kg
Maximum value of SAR (interpolated) = 0.480 W/kg



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

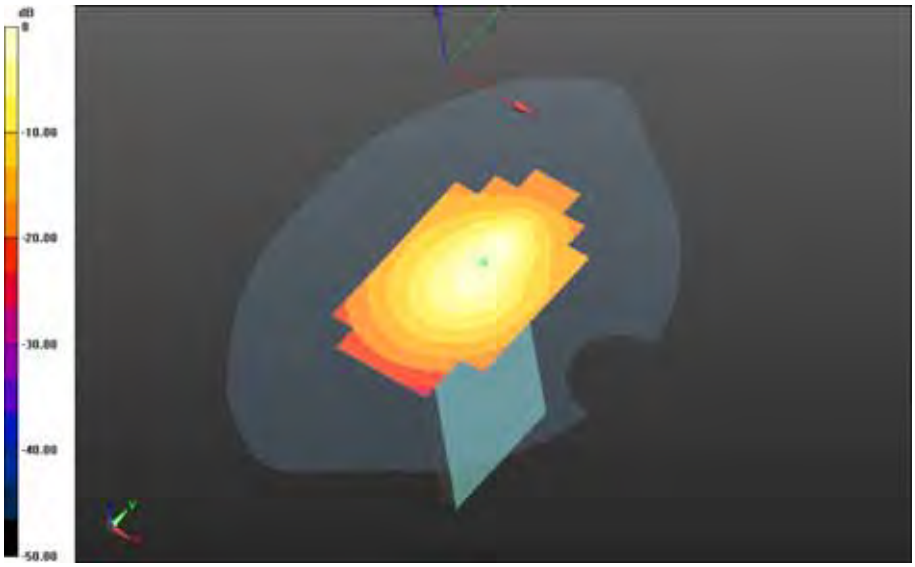
Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Bottom - GPRS 850_2-Slot_chan190_amb_temp_23.9C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.179 V/m; **Power Drift = -0.142 dB**

Fast SAR: SAR(1g) = 0.568 W/kg; SAR(10g) = 0.329 W/kg
Maximum value of SAR (interpolated) = 0.657 W/kg

0 dB = 0.657 W/kg = -1.82 dBW/kg

Mobile Hot Spot MSL - GPRS 850 - Slider Open/10mm Device Bottom - GPRS 850_2-Slot_chan251amb_temp_23.8C_liq_temp_22.5C 2/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.656 V/m; **Power Drift = 0.043 dB**

Fast SAR: SAR(1g) = 0.524 W/kg; SAR(10g) = 0.300 W/kg
Maximum value of SAR (interpolated) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 dBW/kg

Date: 8/18/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

Configuration: Body Worn MSL - GPRS 850 - Slider Closed

Communication System: GPRS 850 (3 slots) (0); Communication System Band: GPRS 850 (3 slots); Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.946 S/m; ε_r = 53.173; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

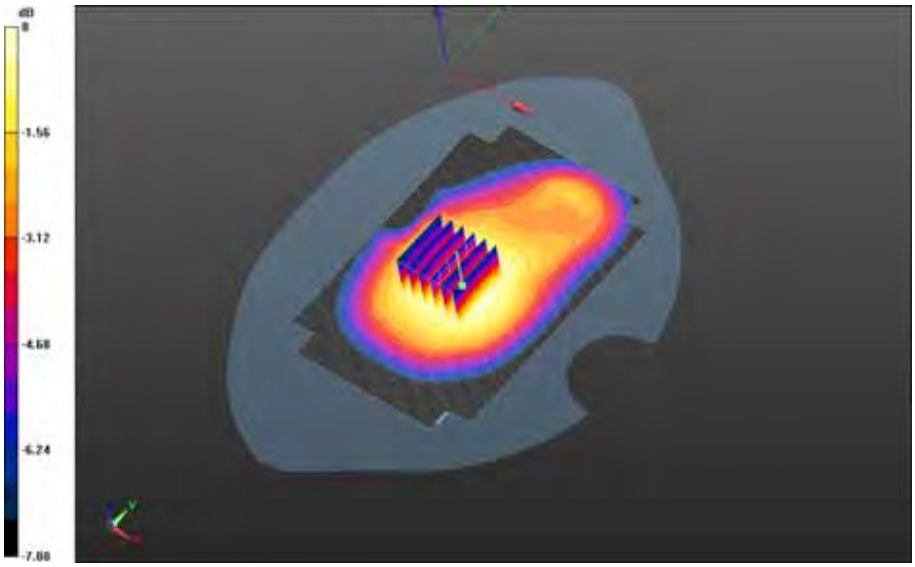
- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Back - GPRS 850_3-Slot_chan128_amb_temp_23.9C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.380 V/m; **Power Drift = -0.169 dB**

Fast SAR: SAR(1g) = 0.382 W/kg; SAR(10g) = 0.271 W/kg
Maximum value of SAR (interpolated) = 0.399 W/kg

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Back - GPRS 850_3-Slot_chan128_amb_temp_23.9C_liq_temp_22.6C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 21.380 V/m; **Power Drift = -0.169 dB**

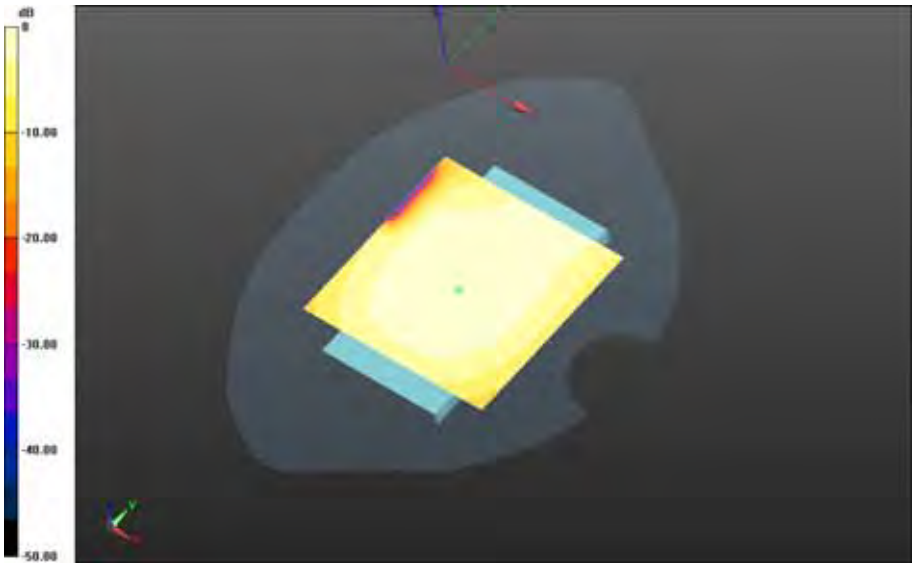
Averaged SAR: SAR(1g) = 0.386 W/kg; SAR(10g) = 0.302 W/kg
Maximum value of SAR (interpolated) = 0.458 W/kg



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

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Back - GPRS 850_3-Slot_chan190_amb_temp_23.7C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.127 V/m; **Power Drift = 0.026 dB**

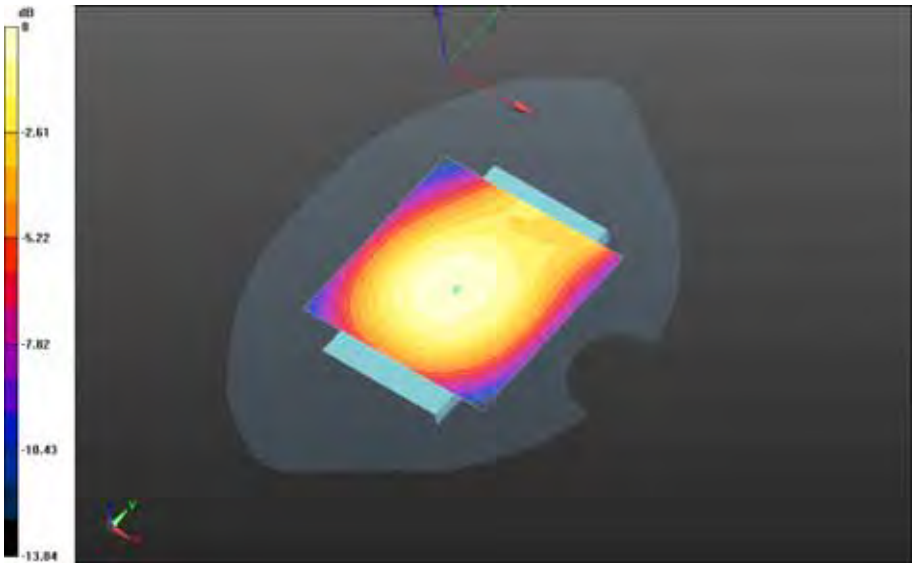
Fast SAR: SAR(1g) = 0.374 W/kg; SAR(10g) = 0.265 W/kg
Maximum value of SAR (interpolated) = 0.393 W/kg



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

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Back - GPRS 850_3-Slot_chan251_amb_temp_23.7C_liq_temp_22.6C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.677 V/m; **Power Drift = 0.105 dB**

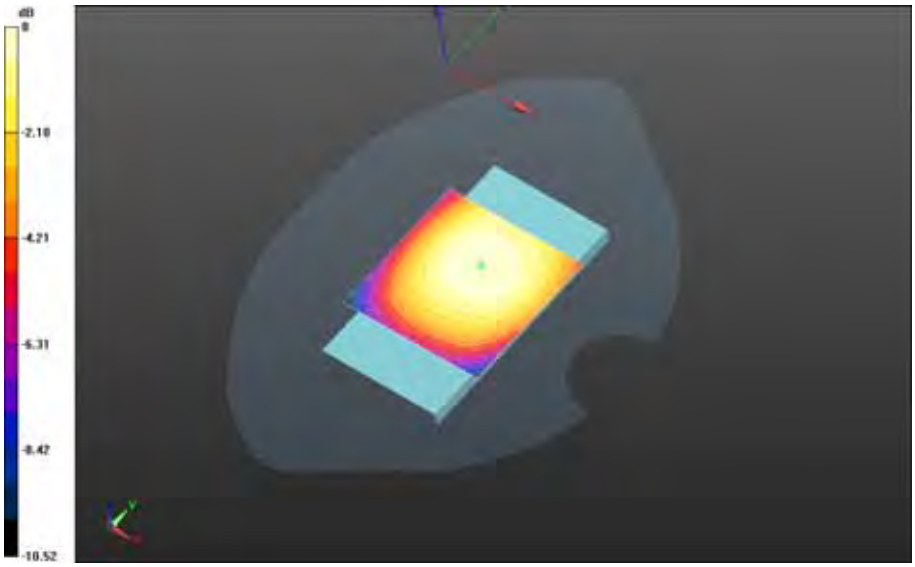
Fast SAR: SAR(1g) = 0.315 W/kg; SAR(10g) = 0.221 W/kg
Maximum value of SAR (interpolated) = 0.331 W/kg



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

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan128_amb_temp_23.7C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.389 V/m; **Power Drift = -0.175 dB**

Fast SAR: SAR(1g) = 0.477 W/kg; SAR(10g) = 0.338 W/kg
Maximum value of SAR (interpolated) = 0.499 W/kg



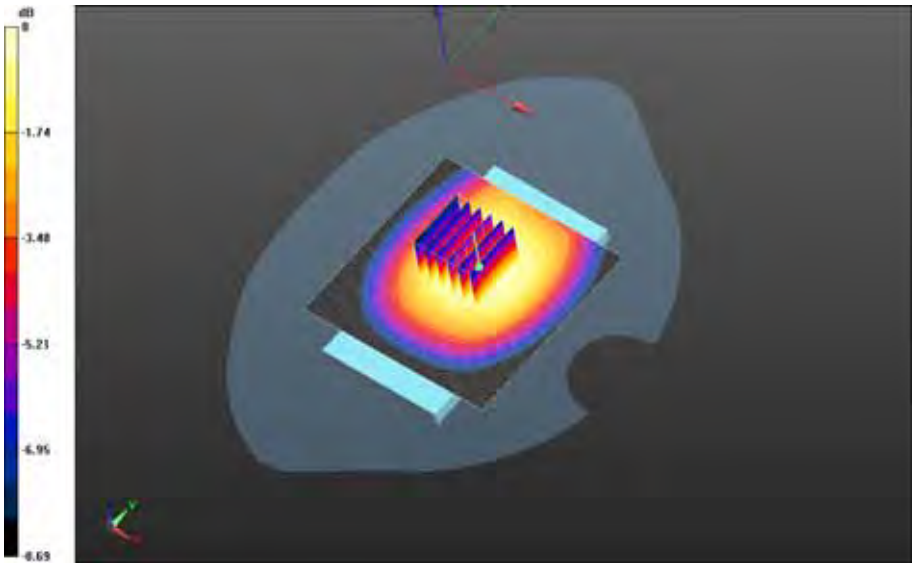
0 dB = 0.499 W/kg = -3.02 dBW/kg

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.552 V/m; **Power Drift = 0.148 dB**

Fast SAR: SAR(1g) = 0.479 W/kg; SAR(10g) = 0.340 W/kg
Maximum value of SAR (interpolated) = 0.503 W/kg

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 22.552 V/m; **Power Drift = 0.148 dB**

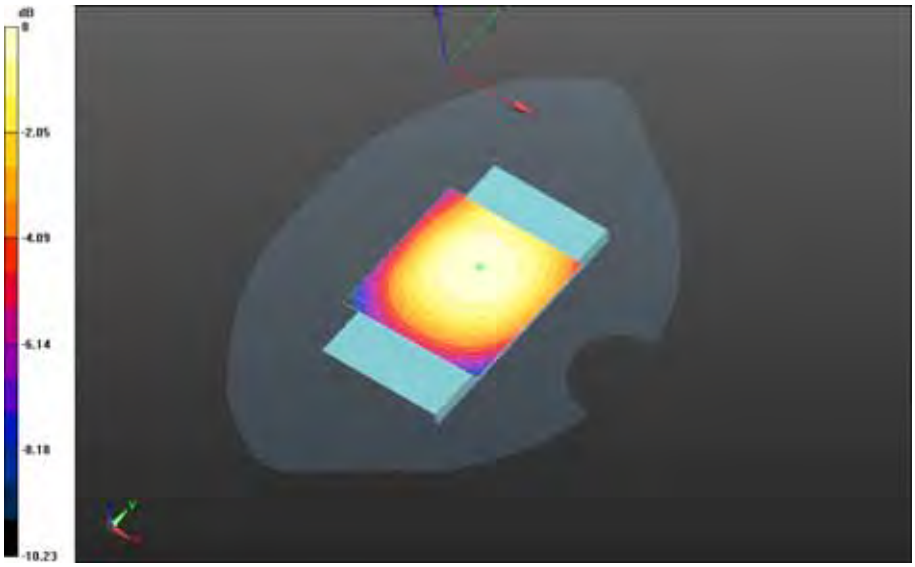
Averaged SAR: SAR(1g) = 0.491 W/kg; SAR(10g) = 0.371 W/kg
Maximum value of SAR (interpolated) = 0.588 W/kg



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

Body Worn MSL - GPRS 850 - Slider Closed/15mm Device Front - GPRS 850_3-Slot_chan251_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.211 V/m; **Power Drift = -0.052 dB**

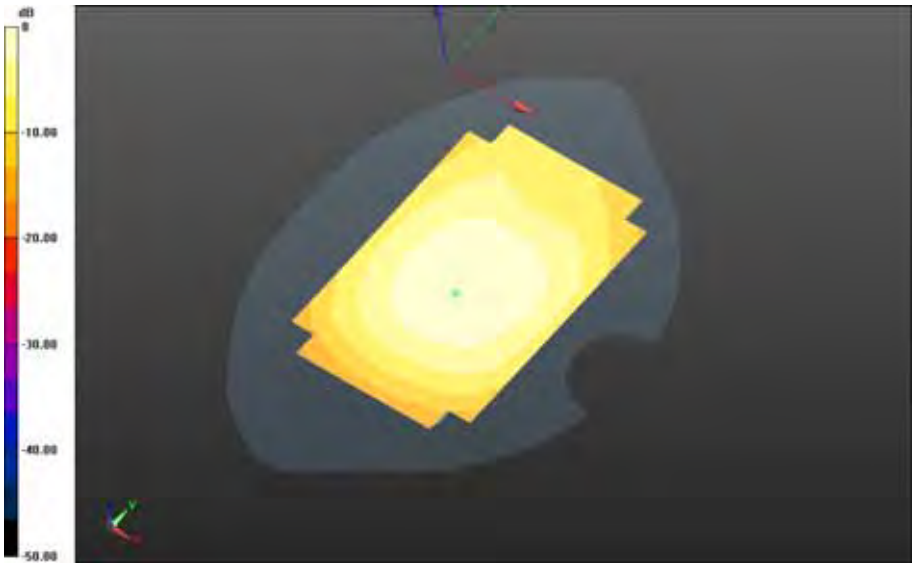
Fast SAR: SAR(1g) = 0.358 W/kg; SAR(10g) = 0.253 W/kg
Maximum value of SAR (interpolated) = 0.376 W/kg



0 dB = 0.376 W/kg = -4.25 dBW/kg

Body Worn MSL - GPRS 850 - Slider Closed/Holster Device Front - GPRS 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.629 V/m; **Power Drift = -0.020 dB**

Fast SAR: SAR(1g) = 0.323 W/kg; SAR(10g) = 0.223 W/kg
Maximum value of SAR (interpolated) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

UMTS Band V

Date: 8/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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

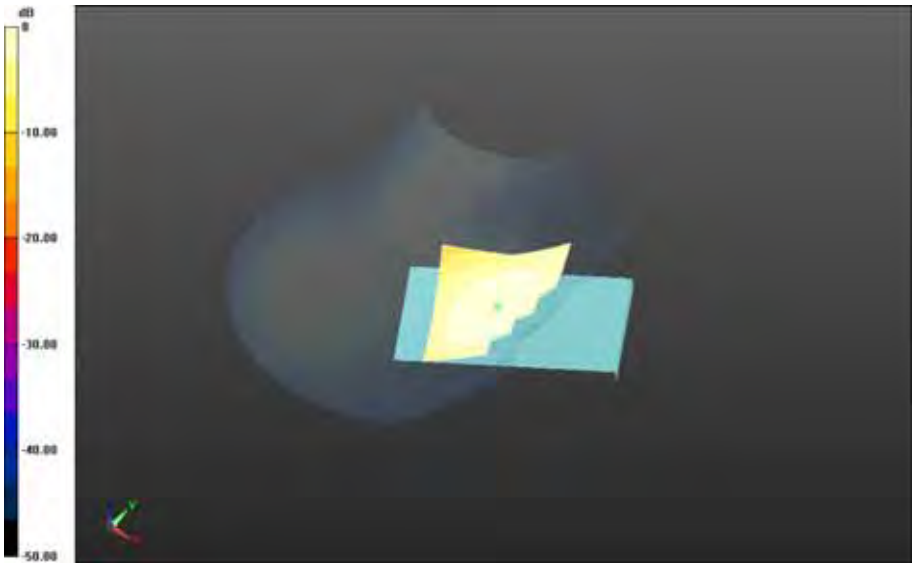
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 826.4 MHz
Medium Parameters used: f=826.4 MHz; σ = 0.867 S/m; ε_r = 41.651; ρ = 1.000 g/cm^3
Phantom section: Right Section

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_23.4C_liq_temp_22.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.324 V/m; **Power Drift = -0.018 dB**

Fast SAR: SAR(1g) = 0.278 W/kg; SAR(10g) = 0.189 W/kg
Maximum value of SAR (interpolated) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg

Right-Hand-Side HSL - UMTS band V - Slider Closed/Touch Position - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.7C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.394 V/m; **Power Drift = -0.011 dB**

Fast SAR: SAR(1g) = 0.303 W/kg; SAR(10g) = 0.208 W/kg
Maximum value of SAR (interpolated) = 0.314 W/kg

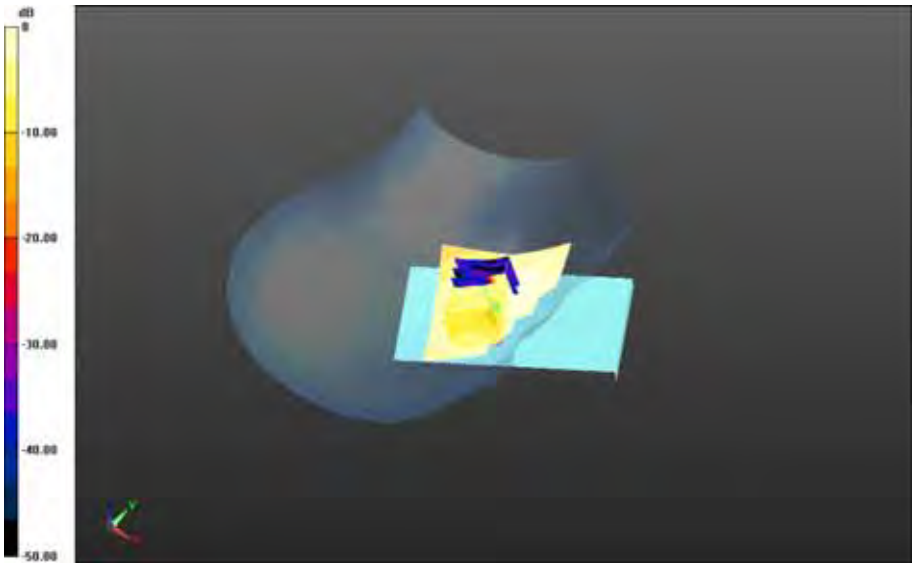
0 dB = 0.314 W/kg = -5.03 dBW/kg

Right-Hand-Side HSL - UMTS band V - Slider Closed/Touch Position - UMTS band V_chan4233_amb_temp_23.5C_liq_temp_22.7C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.555 V/m; **Power Drift = 0.040 dB**

Fast SAR: SAR(1g) = 0.317 W/kg; SAR(10g) = 0.216 W/kg
Maximum value of SAR (interpolated) = 0.329 W/kg

Right-Hand-Side HSL - UMTS band V - Slider Closed/Touch Position - UMTS band V_chan4233_amb_temp_23.5C_liq_temp_22.7C/Zoom Scan (36x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.555 V/m; **Power Drift = 0.040 dB**

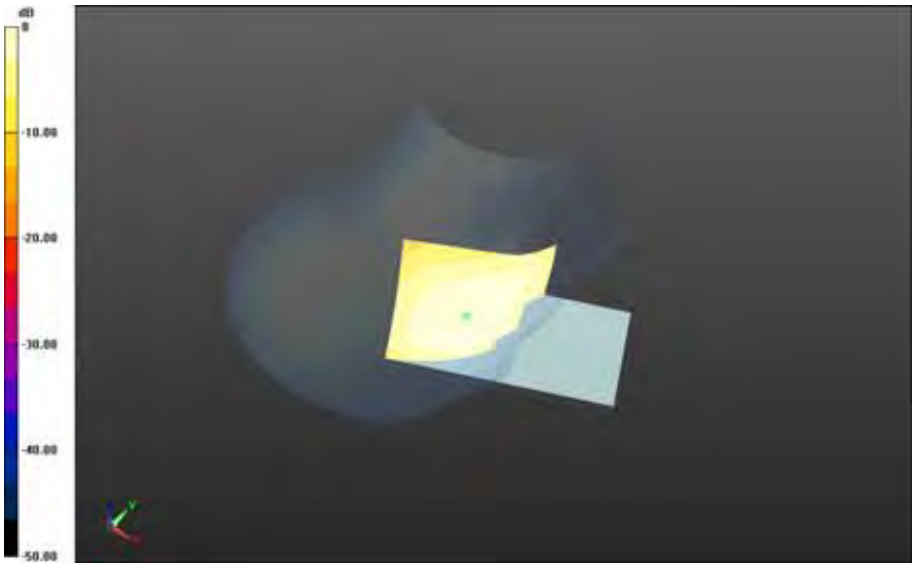
Averaged SAR: SAR(1g) = 0.379 W/kg; SAR(10g) = 0.241 W/kg
Maximum value of SAR (interpolated) = 0.756 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

Right-Hand-Side HSL - UMTS band V - Slider Closed/Tilt Position - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.815 V/m; **Power Drift = 0.042 dB**

Fast SAR: SAR(1g) = 0.254 W/kg; SAR(10g) = 0.176 W/kg
Maximum value of SAR (interpolated) = 0.263 W/kg



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

Date: 8/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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

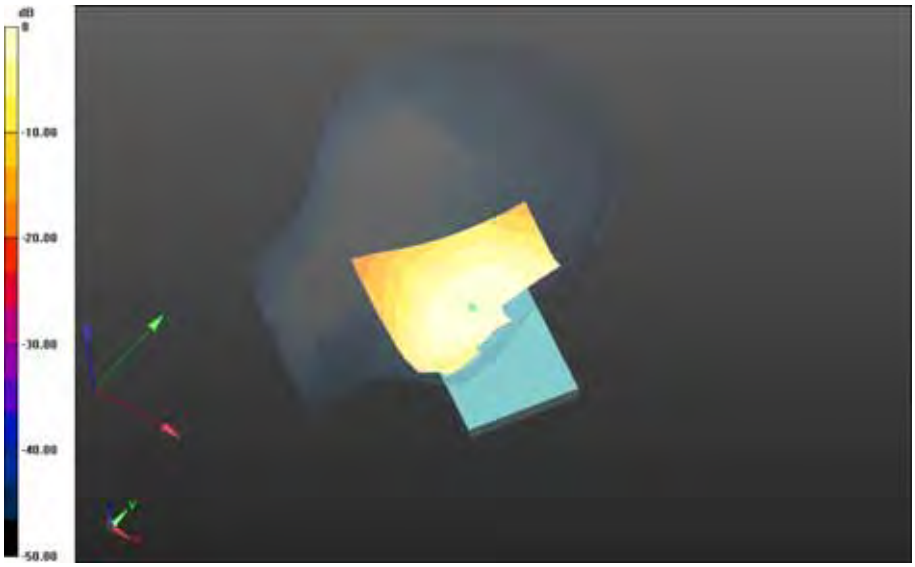
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.876 S/m; ε_r = 41.531; ρ = 1.000 g/cm^3
Phantom section: Left Section

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_23.5C_liq_temp_22.4C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.531 V/m; **Power Drift = -0.195 dB**

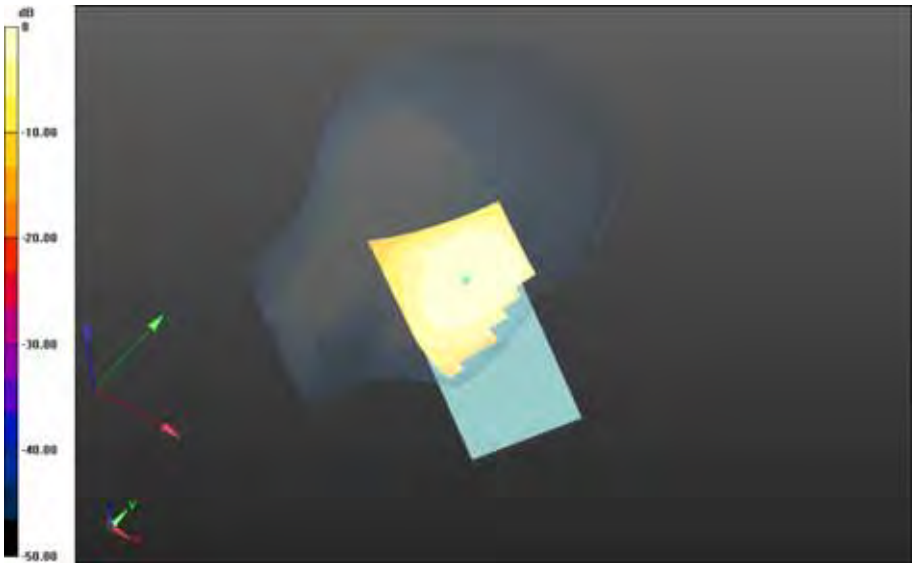
Fast SAR: SAR(1g) = 0.274 W/kg; SAR(10g) = 0.187 W/kg
Maximum value of SAR (interpolated) = 0.287 W/kg



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

Left-Hand-Side HSL - UMTS band V - Slider Closed/Tilt Position - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.9C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.856 V/m; **Power Drift = -0.020 dB**

Fast SAR: SAR(1g) = 0.158 W/kg; SAR(10g) = 0.109 W/kg
Maximum value of SAR (interpolated) = 0.165 W/kg



0 dB = 0.165 W/kg = -7.83 dBW/kg

Date: 8/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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

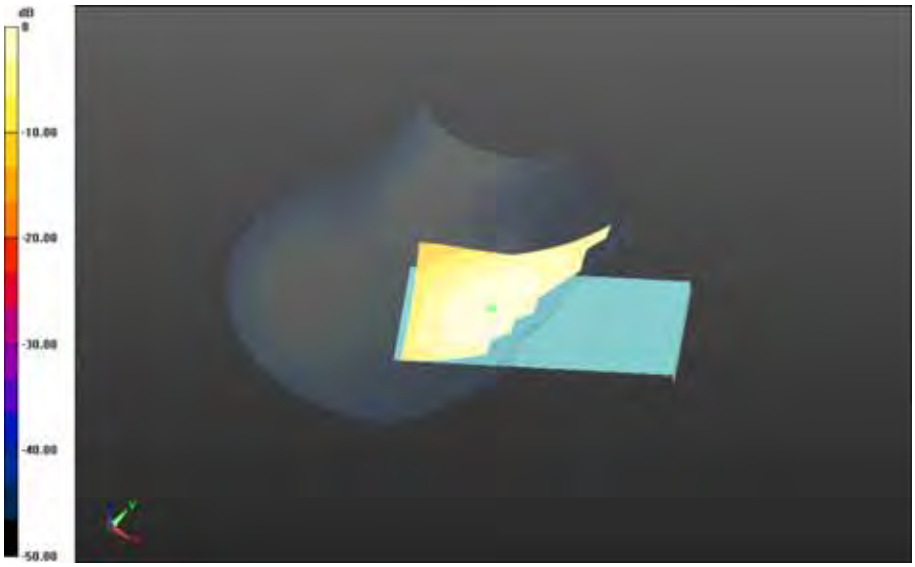
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.876 S/m; ε_r = 41.531; ρ = 1.000 g/cm^3
Phantom section: Right Section

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_23.4C_liq_temp_22.7C/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.671 V/m; **Power Drift = -0.041 dB**

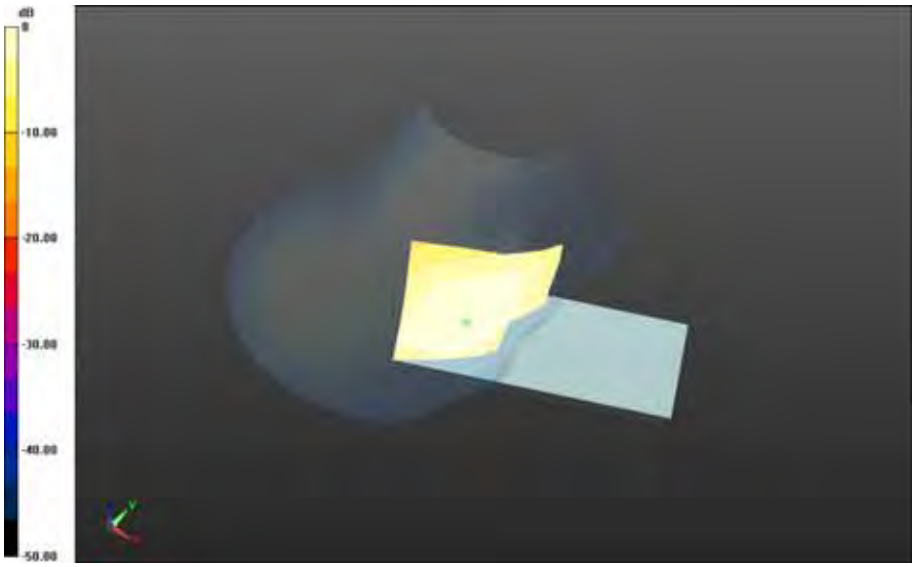
Fast SAR: SAR(1g) = 0.203 W/kg; SAR(10g) = 0.139 W/kg
Maximum value of SAR (interpolated) = 0.212 W/kg



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

Right-Hand-Side HSL - UMTS band V - Slider Open/Tilt Position - UMTS band V_chan4182_amb_temp_23.4C_liq_temp_22.3C/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.516 V/m; **Power Drift = -0.115 dB**

Fast SAR: SAR(1g) = 0.204 W/kg; SAR(10g) = 0.142 W/kg
Maximum value of SAR (interpolated) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

Date: 8/14/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161507560

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

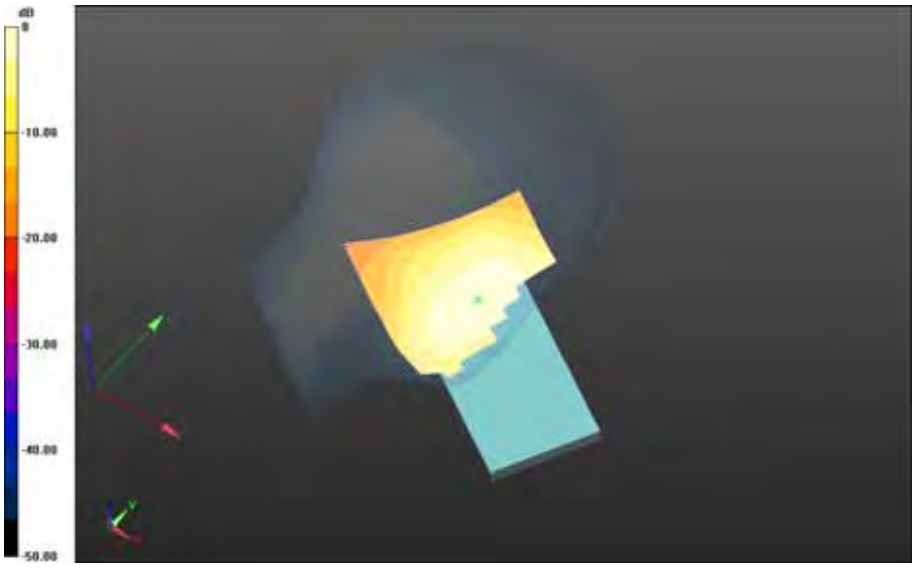
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.876 S/m; ε_r = 41.531; ρ = 1.000 g/cm^3
Phantom section: Left Section

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_23.5C_liq_temp_22.8C/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.256 V/m; **Power Drift = 0.050 dB**

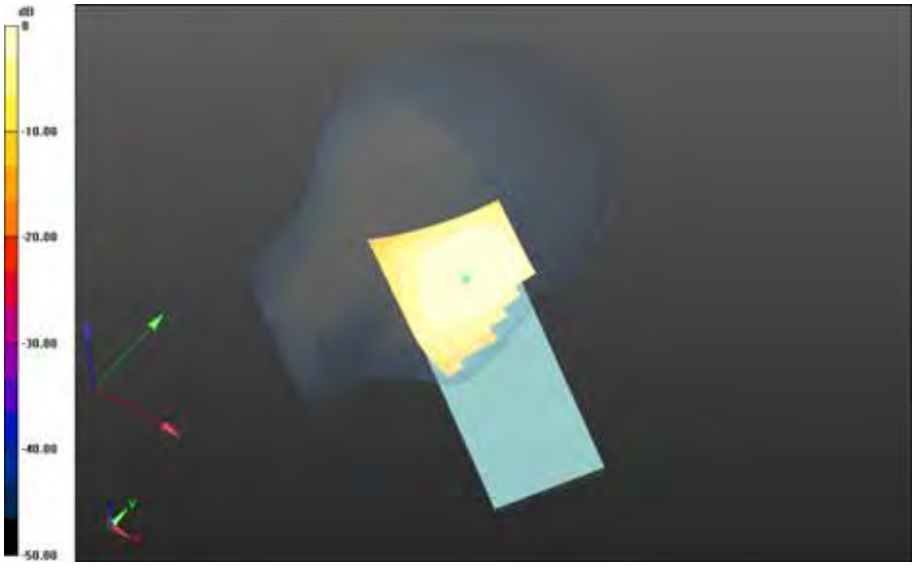
Fast SAR: SAR(1g) = 0.187 W/kg; SAR(10g) = 0.128 W/kg
Maximum value of SAR (interpolated) = 0.199 W/kg



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

Left-Hand-Side HSL - UMTS band V - Slider Open/Tilt Position - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.8C/Area Scan (81x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.508 V/m; **Power Drift = -0.038 dB**

Fast SAR: SAR(1g) = 0.102 W/kg; SAR(10g) = 0.0704 W/kg
Maximum value of SAR (interpolated) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

Date: 8/13/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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

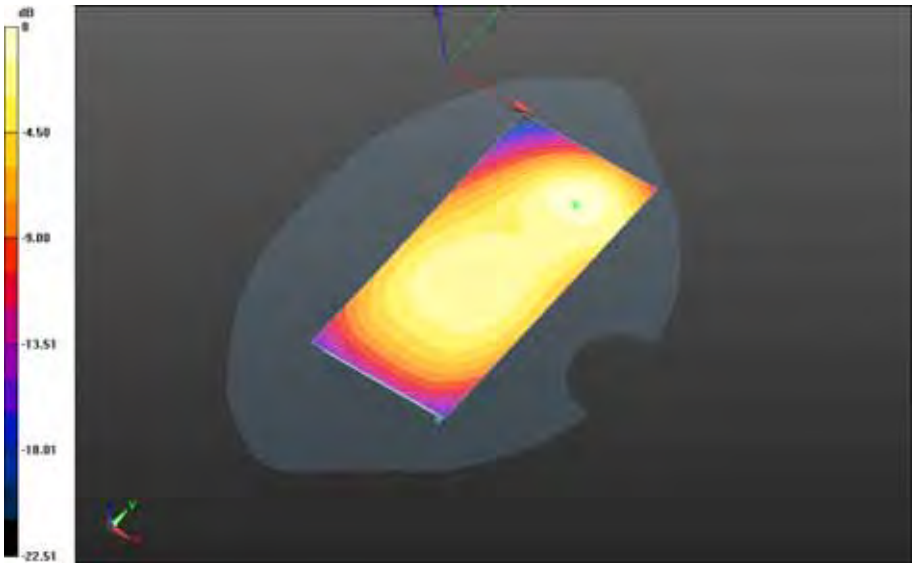
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.958 S/m; ε_r = 52.639; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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_24.0C_liq_temp_22.7C/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.661 V/m; **Power Drift = 0.00122 dB**

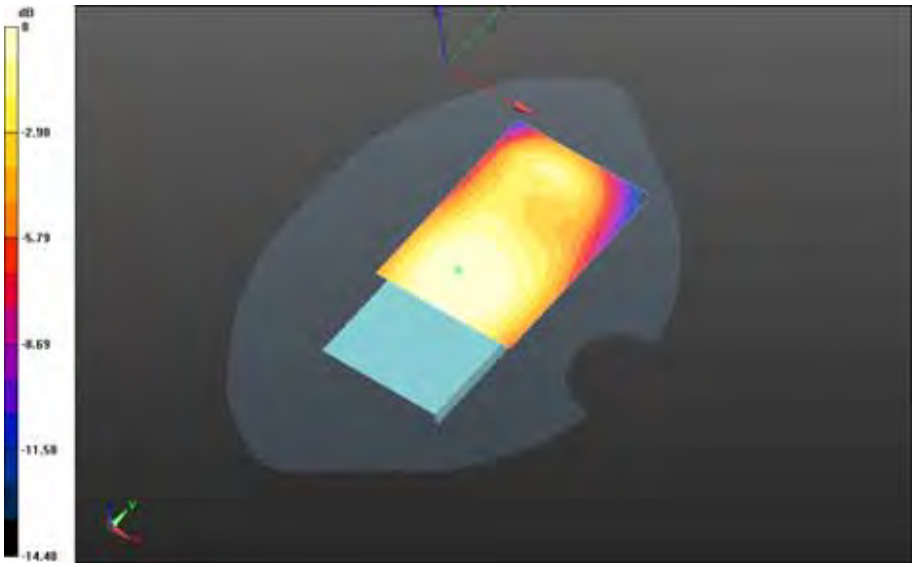
Fast SAR: SAR(1g) = 0.460 W/kg; SAR(10g) = 0.299 W/kg
Maximum value of SAR (interpolated) = 0.504 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Front - UMTS band V_chan4182_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x81x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Reference Value = 21.562 V/m; **Power Drift = 0.013 dB**

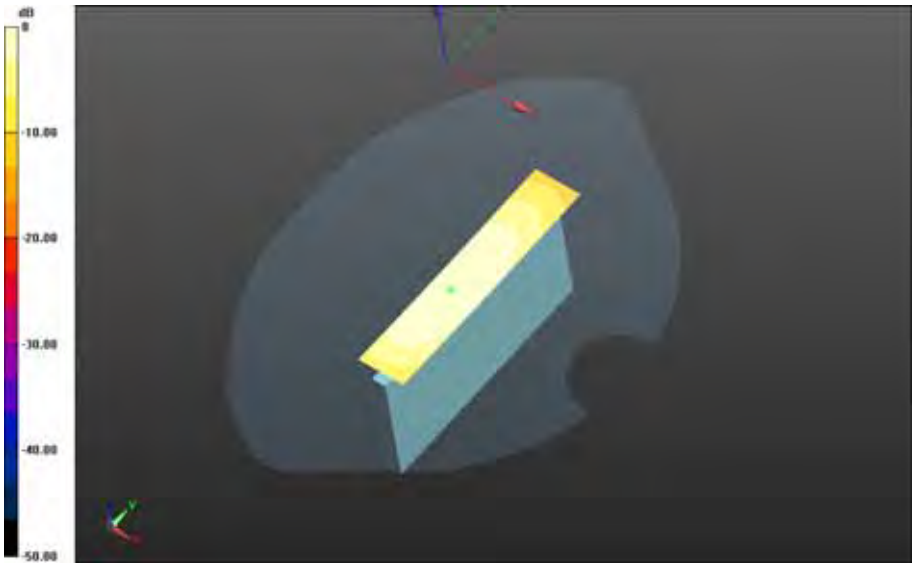
Fast SAR: SAR(1g) = 0.390 W/kg; SAR(10g) = 0.277 W/kg
Maximum value of SAR (interpolated) = 0.410 W/kg



0 dB = 0.410 W/kg = -3.87 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Left - UMTS band V_chan4182_amb_temp_23.9C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.825 V/m; **Power Drift = -0.00546 dB**

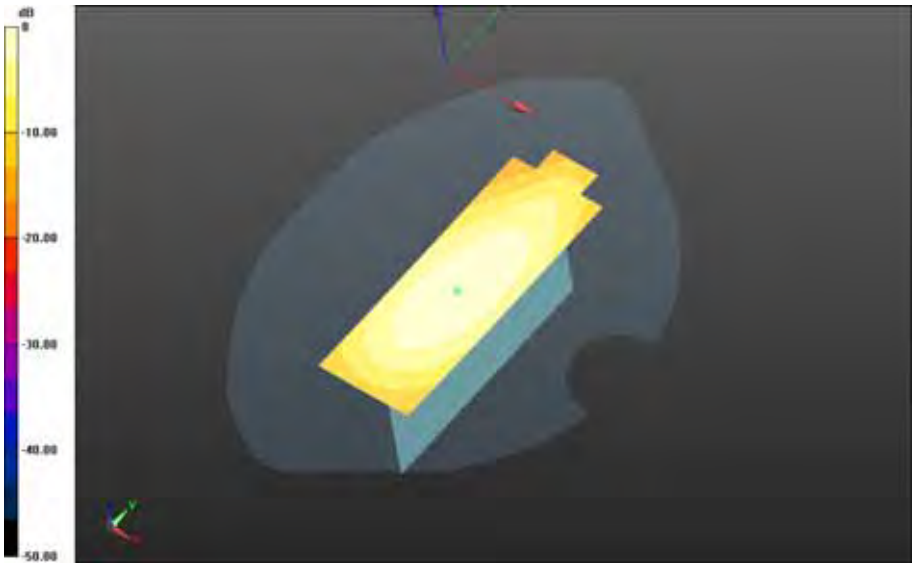
Fast SAR: SAR(1g) = 0.265 W/kg; SAR(10g) = 0.180 W/kg
Maximum value of SAR (interpolated) = 0.282 W/kg



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

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Right - UMTS band V_chan4182_amb_temp_23.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.801 V/m; **Power Drift = -0.044 dB**

Fast SAR: SAR(1g) = 0.507 W/kg; SAR(10g) = 0.341 W/kg
Maximum value of SAR (interpolated) = 0.545 W/kg



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

Mobile Hot Spot MSL - UMTS band V - Slider Closed/10mm Device Bottom - UMTS band V_chan4182_amb_temp_23.9C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.507 V/m; **Power Drift = -0.053 dB**

Fast SAR: SAR(1g) = 0.430 W/kg; SAR(10g) = 0.251 W/kg
Maximum value of SAR (interpolated) = 0.487 W/kg

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

Date: 8/13/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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 = 0.948 S/m; ε_r = 52.757; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

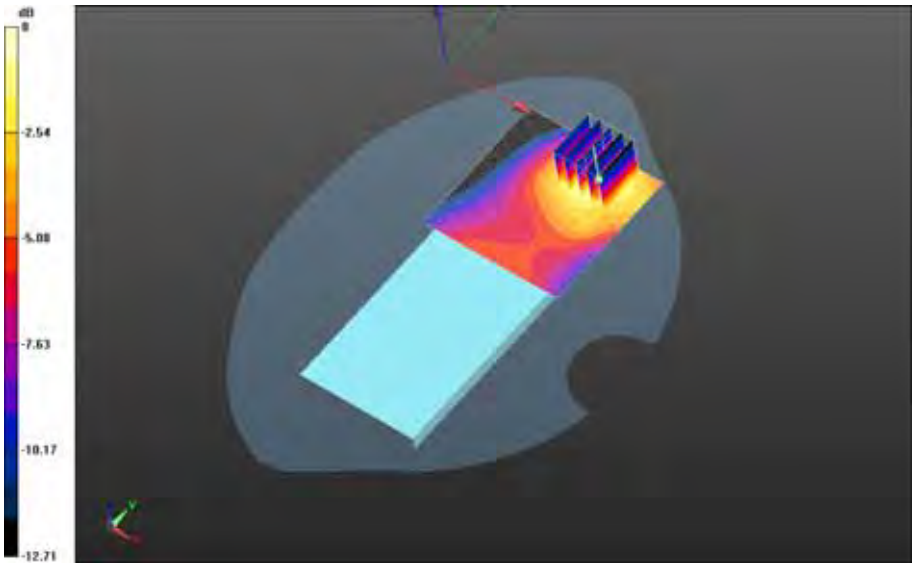
- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4132_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.297 V/m; **Power Drift = -0.107 dB**

Fast SAR: SAR(1g) = 0.640 W/kg; SAR(10g) = 0.402 W/kg
Maximum value of SAR (interpolated) = 0.710 W/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4132_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 = 17.297 V/m; **Power Drift = -0.107 dB**

Averaged SAR: SAR(1g) = 0.642 W/kg; SAR(10g) = 0.367 W/kg
Maximum value of SAR (interpolated) = 1.11 W/kg



0 dB = 0.697 W/kg = -1.57 dBW/kg

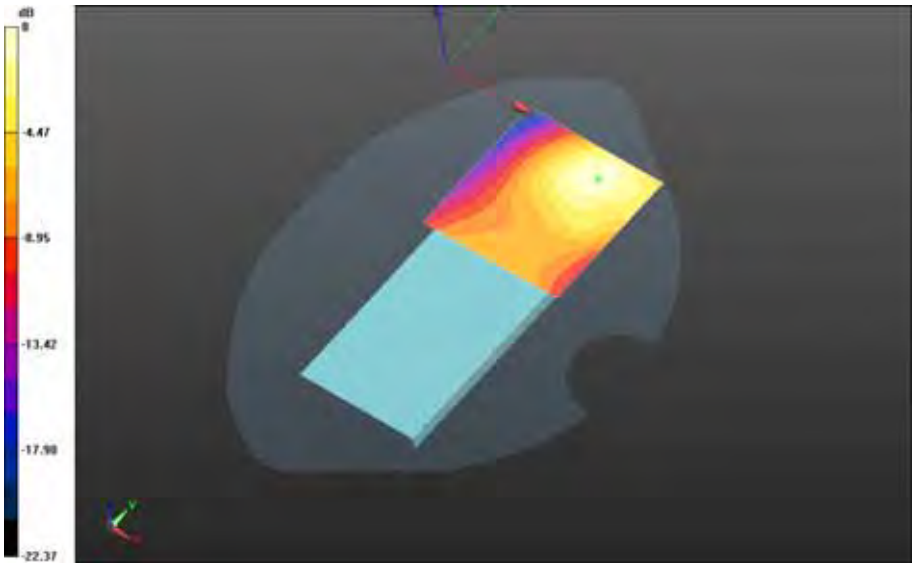
Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4182_amb_temp_23.7C_liq_temp_22.5C/Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.685 V/m; **Power Drift = -0.093 dB**

Fast SAR: SAR(1g) = 0.631 W/kg; SAR(10g) = 0.406 W/kg
Maximum value of SAR (interpolated) = 0.688 W/kg

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

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Back - UMTS band V_chan4233_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.439 V/m; **Power Drift = 0.011 dB**

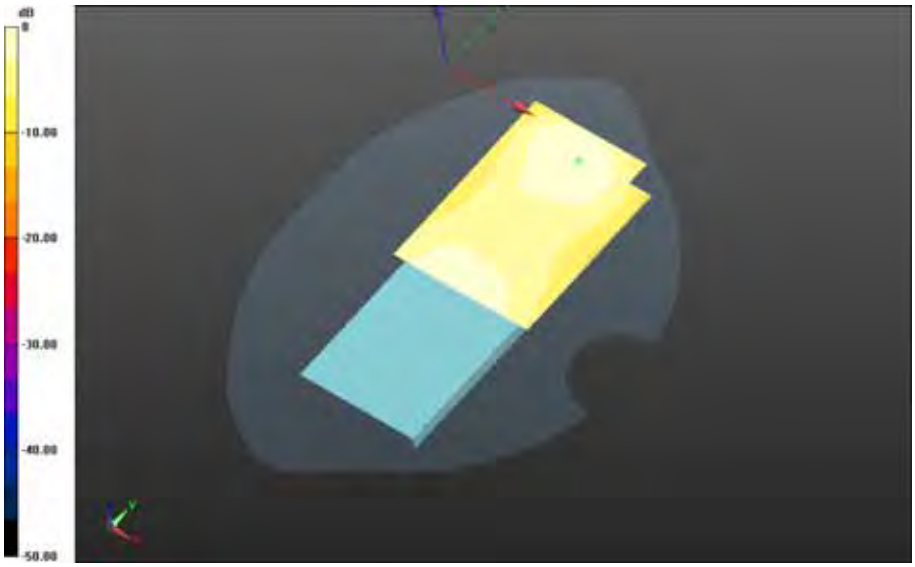
Fast SAR: SAR(1g) = 0.637 W/kg; SAR(10g) = 0.398 W/kg
Maximum value of SAR (interpolated) = 0.714 W/kg



0 dB = 0.714 W/kg = -1.46 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Front - UMTS band V_chan4182_amb_temp_23.8C_liq_temp_22.6C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.769 V/m; **Power Drift = 0.115 dB**

Fast SAR: SAR(1g) = 0.407 W/kg; SAR(10g) = 0.265 W/kg
Maximum value of SAR (interpolated) = 0.447 W/kg



0 dB = 0.447 W/kg = -3.50 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Left - UMTS band V_chan4182_amb_temp_24.0C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.475 V/m; **Power Drift = 0.0015 dB**

Fast SAR: SAR(1g) = 0.198 W/kg; SAR(10g) = 0.134 W/kg
Maximum value of SAR (interpolated) = 0.213 W/kg

0 dB = 0.213 W/kg = -6.72 dBW/kg

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Right - UMTS band V_chan4182_amb_temp_23.9C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.742 V/m; **Power Drift = 0.030 dB**

Fast SAR: SAR(1g) = 0.381 W/kg; SAR(10g) = 0.258 W/kg
Maximum value of SAR (interpolated) = 0.406 W/kg

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

Mobile Hot Spot MSL - UMTS band V - Slider Open/10mm Device Bottom - UMTS band V_chan4182_amb_temp_23.9C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.471 V/m; **Power Drift = -0.00232 dB**

Fast SAR: SAR(1g) = 0.504 W/kg; SAR(10g) = 0.308 W/kg
Maximum value of SAR (interpolated) = 0.582 W/kg

0 dB = 0.582 W/kg = -2.35 dBW/kg

Date: 8/13/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161504665

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 = 0.948 S/m; ε_r = 52.757; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

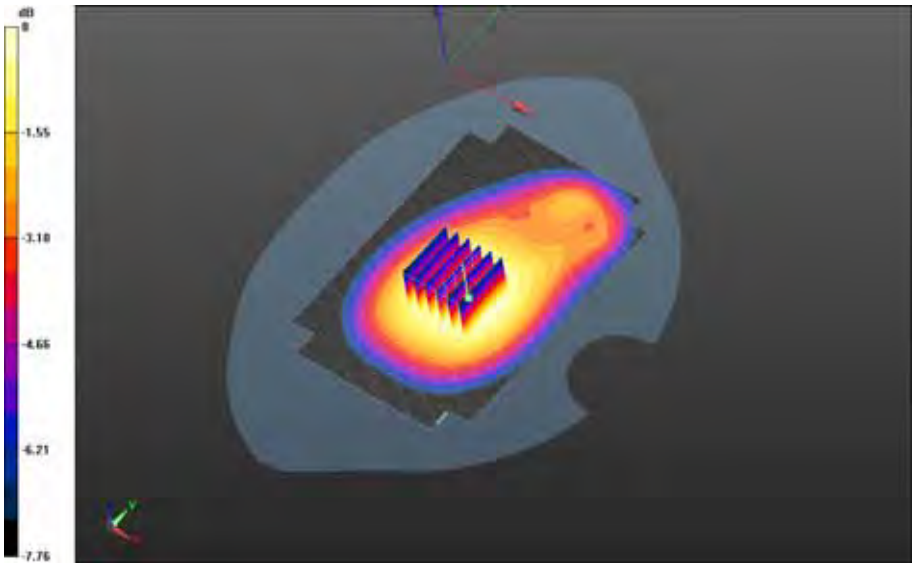
- Probe: ET3DV6 - SN1643; ConvF: (6,6,6); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4132_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.199 V/m; **Power Drift = -0.052 dB**

Fast SAR: SAR(1g) = 0.375 W/kg; SAR(10g) = 0.266 W/kg
Maximum value of SAR (interpolated) = 0.393 W/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4132_amb_temp_23.7C_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 = 21.199 V/m; **Power Drift = -0.052 dB**

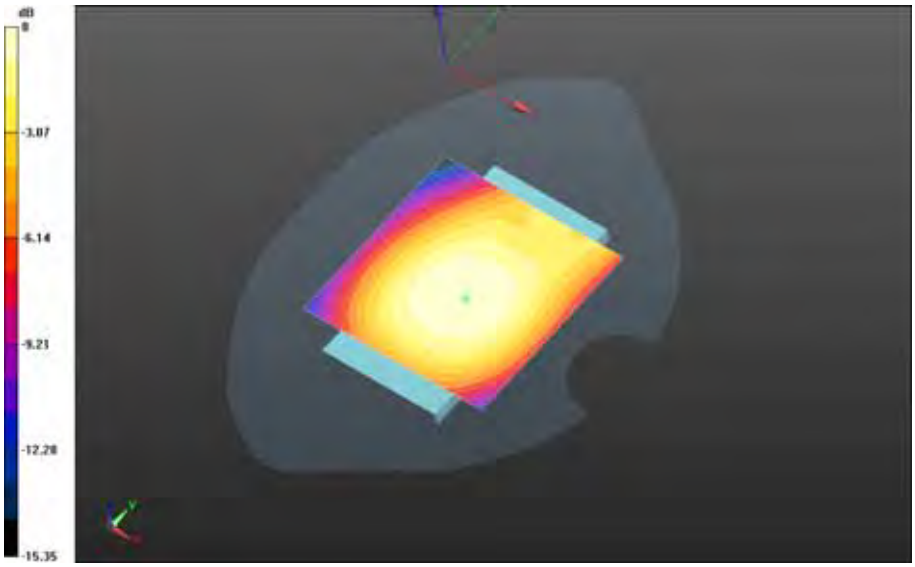
Averaged SAR: SAR(1g) = 0.373 W/kg; SAR(10g) = 0.291 W/kg
Maximum value of SAR (interpolated) = 0.437 W/kg



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

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.4C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.758 V/m; **Power Drift = 0.050 dB**

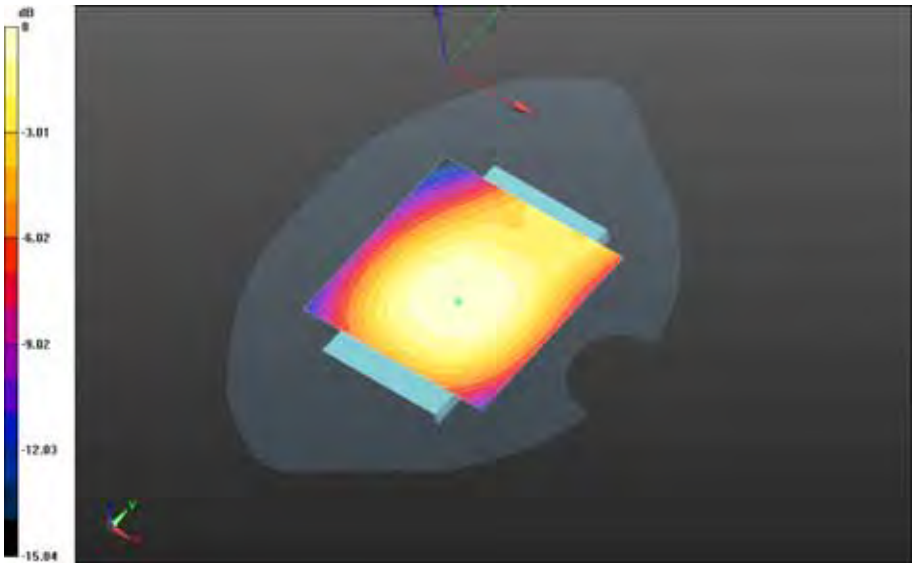
Fast SAR: SAR(1g) = 0.338 W/kg; SAR(10g) = 0.239 W/kg
Maximum value of SAR (interpolated) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Back - UMTS band V_chan4233_amb_temp_23.6C_liq_temp_22.5C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.366 V/m; **Power Drift = -0.0054 dB**

Fast SAR: SAR(1g) = 0.293 W/kg; SAR(10g) = 0.208 W/kg
Maximum value of SAR (interpolated) = 0.308 W/kg



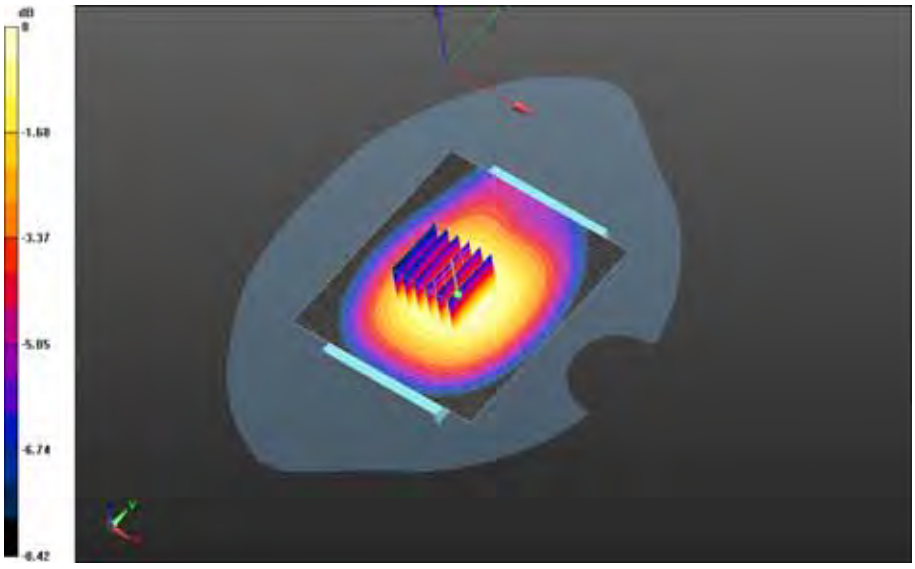
0 dB = 0.308 W/kg = -5.11 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front- UMTS band V_chan4132_amb_temp_23.7C_liq_temp_22.3C/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.798 V/m; **Power Drift = 0.014 dB**

Fast SAR: SAR(1g) = 0.436 W/kg; SAR(10g) = 0.309 W/kg
Maximum value of SAR (interpolated) = 0.458 W/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front- UMTS band V_chan4132_amb_temp_23.7C_liq_temp_22.3C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 22.798 V/m; **Power Drift = 0.014 dB**

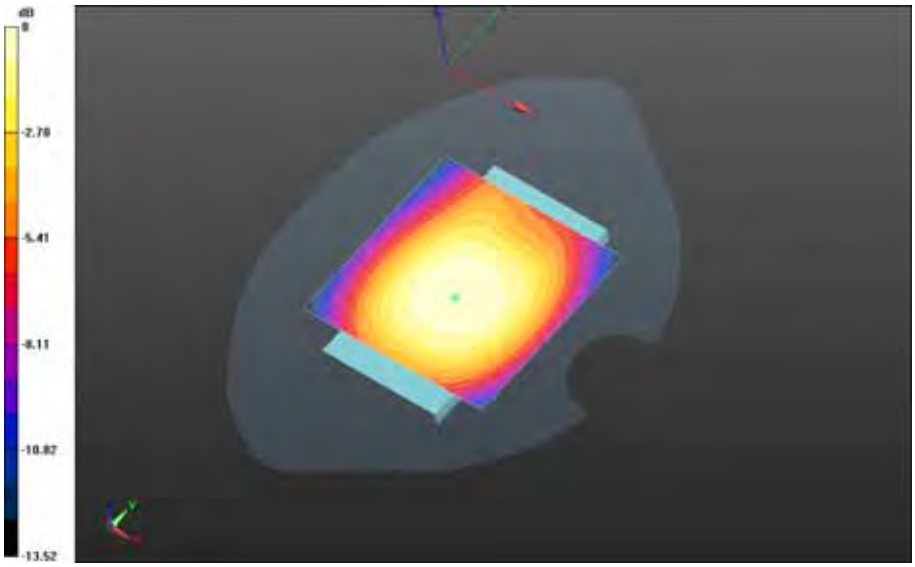
Averaged SAR: SAR(1g) = 0.444 W/kg; SAR(10g) = 0.347 W/kg
Maximum value of SAR (interpolated) = 0.522 W/kg



0 dB = 0.462 W/kg = -3.35 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_22.3C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.531 V/m; **Power Drift = 0.089 dB**

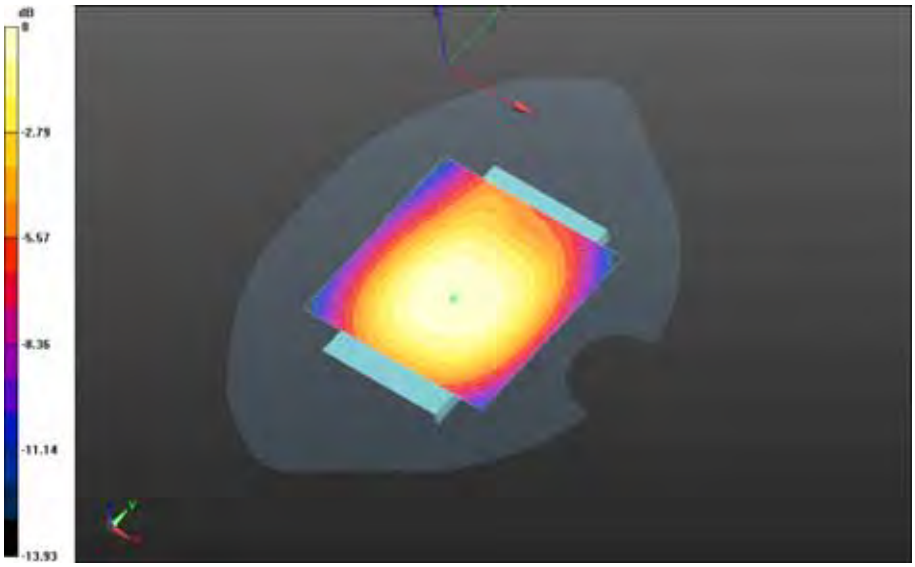
Fast SAR: SAR(1g) = 0.397 W/kg; SAR(10g) = 0.281 W/kg
Maximum value of SAR (interpolated) = 0.418 W/kg



0 dB = 0.418 W/kg = -3.79 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/15mm Device Front- UMTS band V_chan4233_amb_temp_23.6C_liq_temp_22.2C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.518 V/m; **Power Drift = -0.0025 dB**

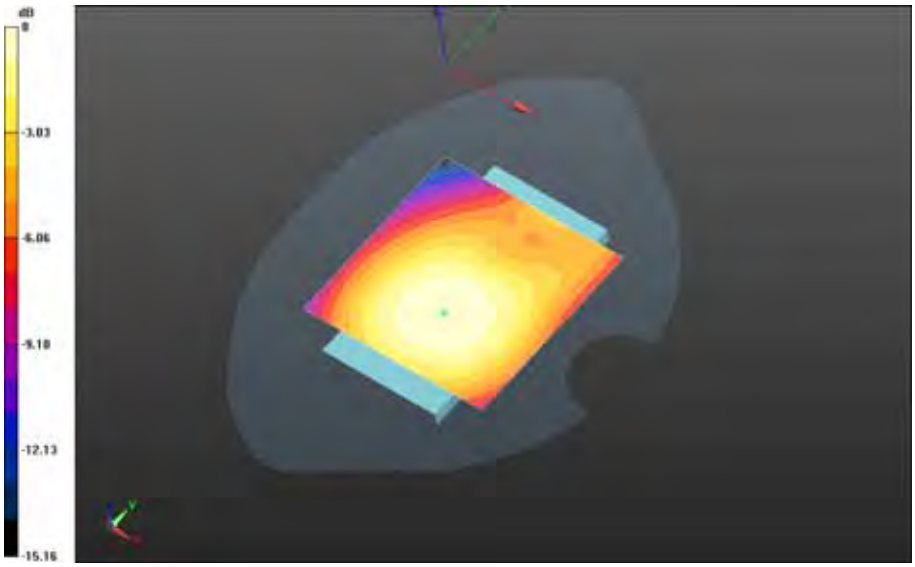
Fast SAR: SAR(1g) = 0.365 W/kg; SAR(10g) = 0.258 W/kg
Maximum value of SAR (interpolated) = 0.384 W/kg



0 dB = 0.384 W/kg = -4.16 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/Holster Device Back - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.2C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.489 V/m; **Power Drift = -0.061 dB**

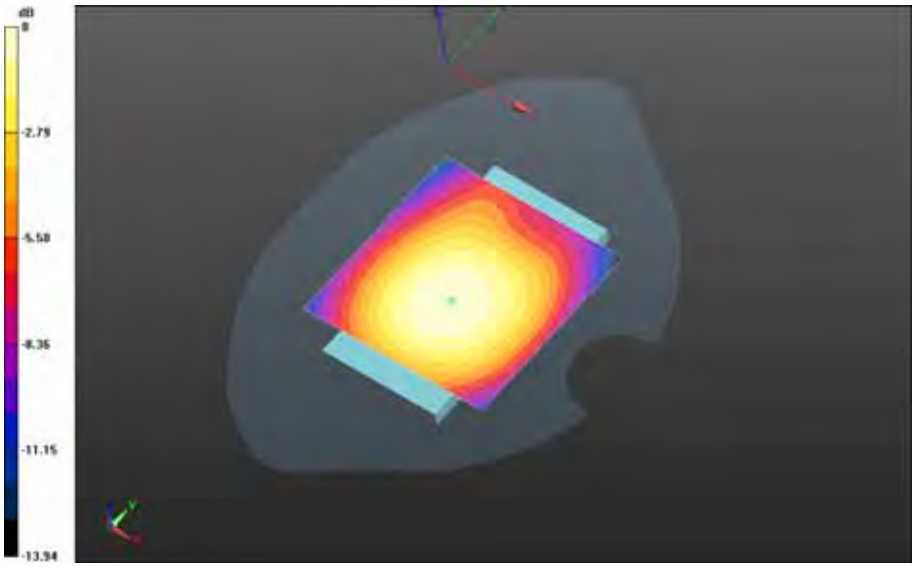
Fast SAR: SAR(1g) = 0.205 W/kg; SAR(10g) = 0.145 W/kg
Maximum value of SAR (interpolated) = 0.216 W/kg



0 dB = 0.216 W/kg = -6.66 dBW/kg

Body Worn MSL - UMTS band V - Slider Closed/Holster Device Front - UMTS band V_chan4182_amb_temp_23.5C_liq_temp_22.2C/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.078 V/m; **Power Drift = 0.136 dB**

Fast SAR: SAR(1g) = 0.295 W/kg; SAR(10g) = 0.208 W/kg
Maximum value of SAR (interpolated) = 0.312 W/kg



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