APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

Device Model: RHC161LW

GSM 850

Date: 2/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Right-Hand-Side HSL - DTM 850

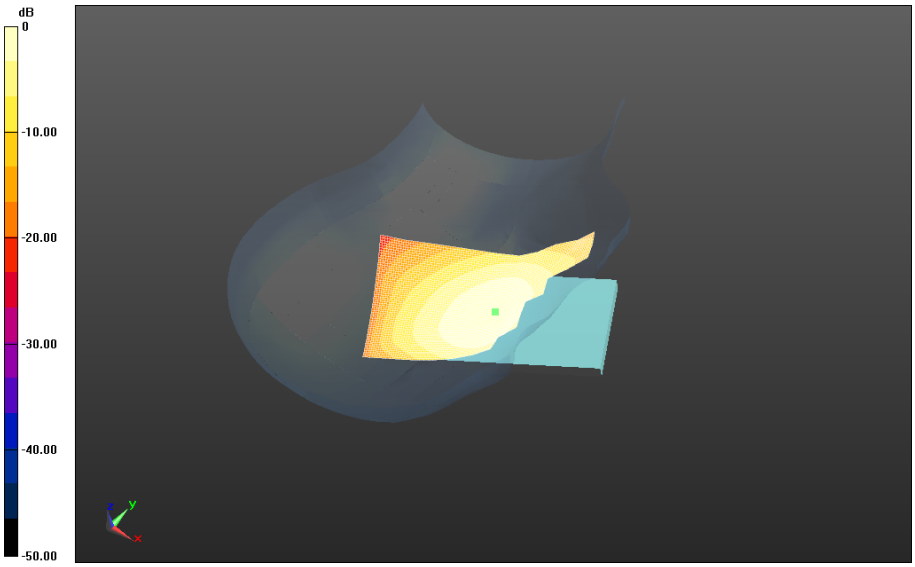
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.893 S/m; ε_r = 41.677; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- 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 850/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.599 V/m; **Power Drift = -0.113 dB**

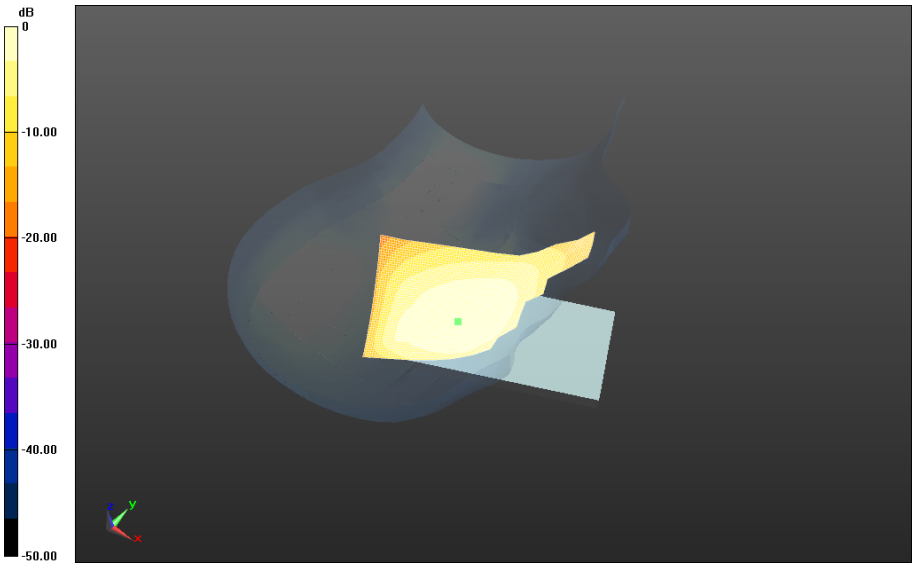
Fast SAR: SAR(1g) = 0.544 W/kg; SAR(10g) = 0.372 W/kg
Maximum value of SAR (interpolated) = 0.573 W/kg



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

Right-Hand-Side HSL - DTM 850/Tilt Position - DTM850_3-Slot_chan190_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.215 V/m; **Power Drift = 0.00259 dB**

Fast SAR: SAR(1g) = 0.396 W/kg; SAR(10g) = 0.275 W/kg
Maximum value of SAR (interpolated) = 0.415 W/kg



0 dB = 0.415 W/kg = -3.82 dBW/kg

Date: 2/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Left-Hand-Side HSL - DTM 850

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 = 0.880 S/m; ε_r = 41.830; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

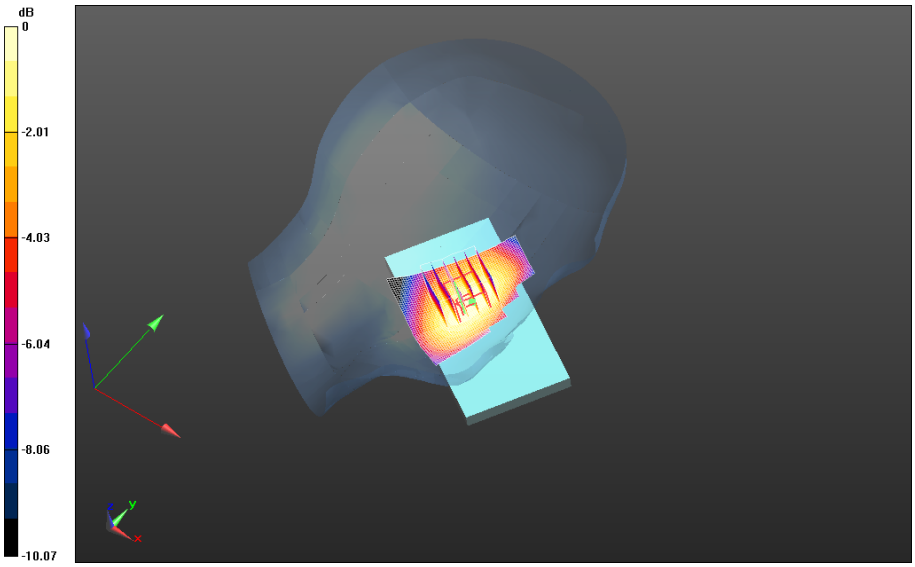
- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan128_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.912 V/m; **Power Drift = -0.054 dB**

Fast SAR: SAR(1g) = 0.640 W/kg; SAR(10g) = 0.436 W/kg
Maximum value of SAR (interpolated) = 0.666 W/kg

Left-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan128_amb_temp_23.7C_liq_temp_21.6C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.912 V/m; **Power Drift = -0.054 dB**

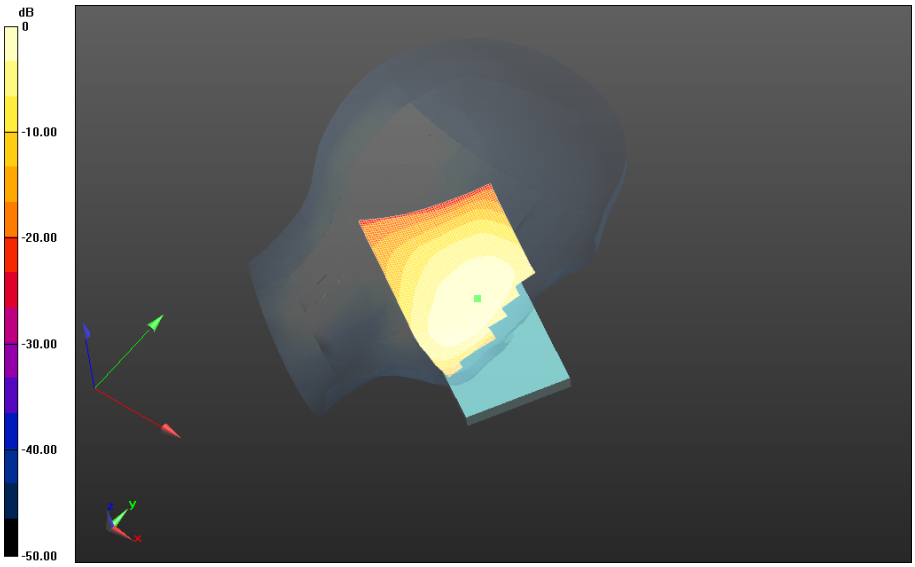
Averaged SAR: SAR(1g) = 0.651 W/kg; SAR(10g) = 0.484 W/kg
Maximum value of SAR (interpolated) = 0.825 W/kg



0 dB = 0.661 W/kg = -1.80 dBW/kg

Left-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.681 V/m; **Power Drift = -0.134 dB**

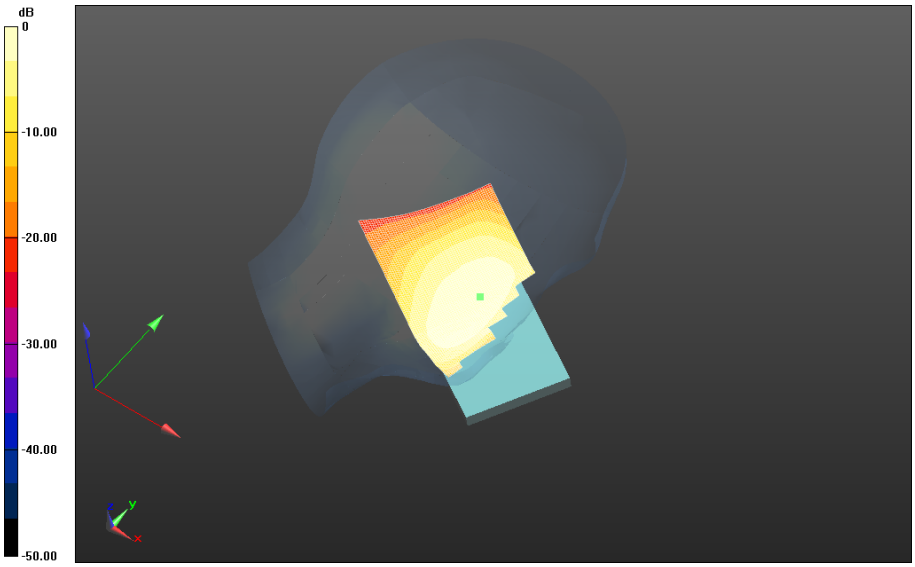
Fast SAR: SAR(1g) = 0.590 W/kg; SAR(10g) = 0.402 W/kg
Maximum value of SAR (interpolated) = 0.632 W/kg



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

Left-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan251_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.862 V/m; **Power Drift = -0.210 dB**

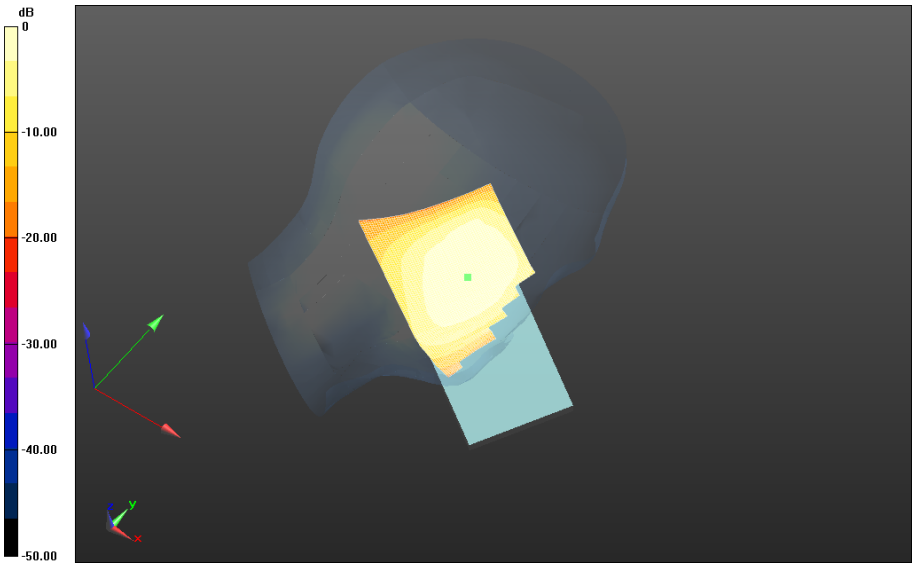
Fast SAR: SAR(1g) = 0.563 W/kg; SAR(10g) = 0.386 W/kg
Maximum value of SAR (interpolated) = 0.600 W/kg



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

Left-Hand-Side HSL - DTM 850/Tilt Position - DTM850_3-Slot_chan190_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.222 V/m; **Power Drift = 0.012 dB**

Fast SAR: SAR(1g) = 0.373 W/kg; SAR(10g) = 0.258 W/kg
Maximum value of SAR (interpolated) = 0.393 W/kg



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

UMTS Band V

Date: 2/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Right-Hand-Side HSL - UMTS V

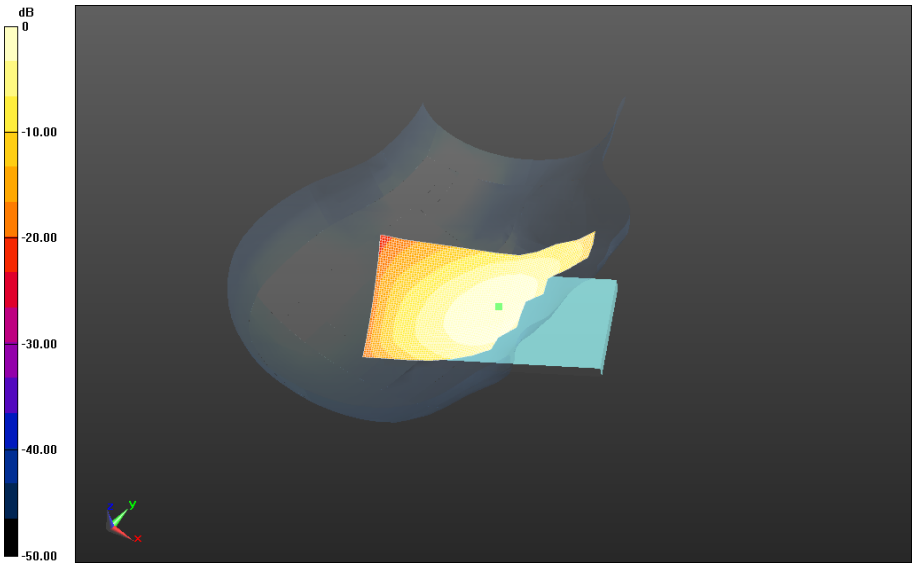
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 826.4 MHz
Medium Parameters used: f=826.4 MHz; σ = 0.881 S/m; ε_r = 41.812; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- 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 V/Touch Position -UMTS V_chan4132_amb_temp_23.7C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.736 V/m; **Power Drift = -0.024 dB**

Fast SAR: SAR(1g) = 0.343 W/kg; SAR(10g) = 0.234 W/kg
Maximum value of SAR (interpolated) = 0.359 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg

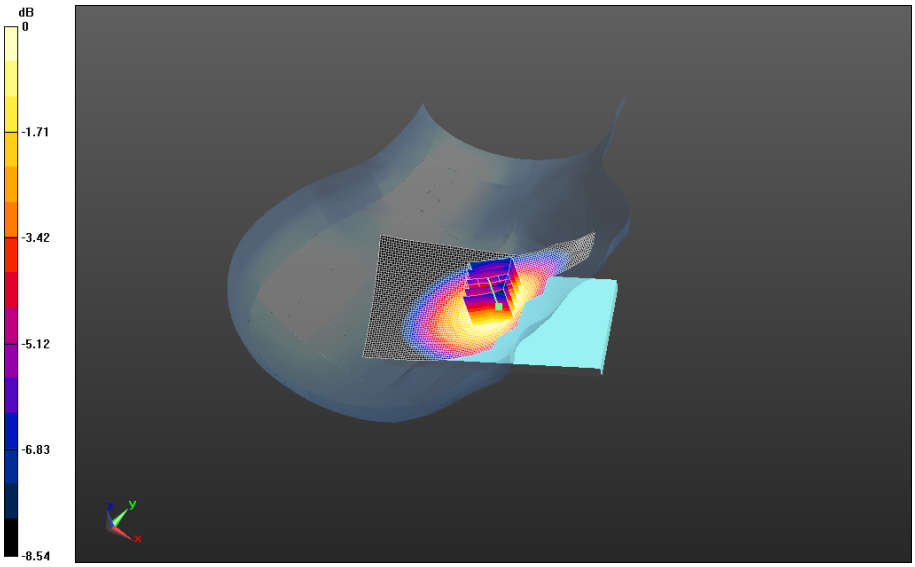
Right-Hand-Side HSL - UMTS V/Touch Position -UMTS V_chan4182_amb_temp_24.0C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.316 V/m; **Power Drift = 0.049 dB**

Fast SAR: SAR(1g) = 0.484 W/kg; SAR(10g) = 0.329 W/kg
Maximum value of SAR (interpolated) = 0.512 W/kg

Right-Hand-Side HSL - UMTS V/Touch Position -UMTS V_chan4182_amb_temp_24.0C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.316 V/m; **Power Drift = 0.049 dB**

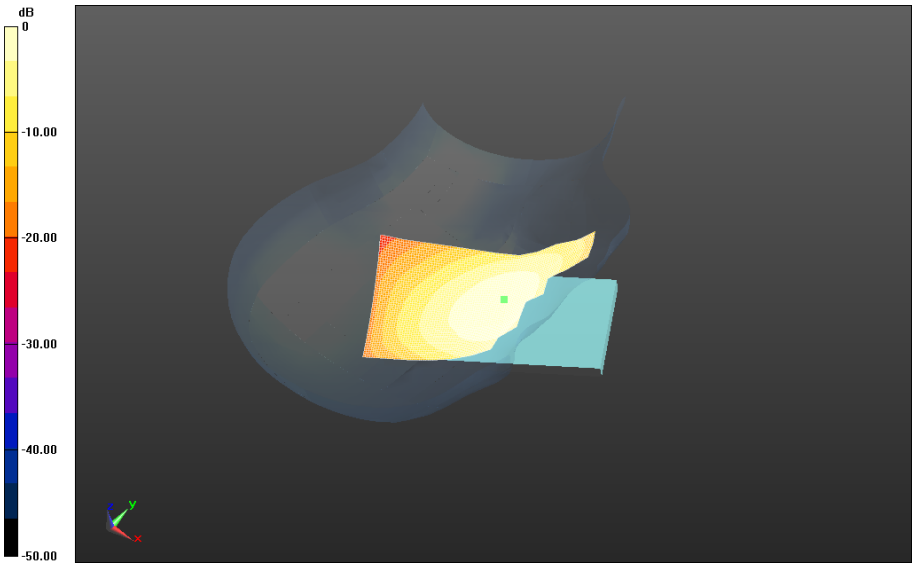
Averaged SAR: SAR(1g) = 0.464 W/kg; SAR(10g) = 0.357 W/kg
Maximum value of SAR (interpolated) = 0.557 W/kg



0 dB = 0.478 W/kg = -3.21 dBW/kg

Right-Hand-Side HSL - UMTS V/Touch Position -UMTS V_chan4233_amb_temp_23.8C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.315 V/m; **Power Drift = 0.024 dB**

Fast SAR: SAR(1g) = 0.386 W/kg; SAR(10g) = 0.261 W/kg
Maximum value of SAR (interpolated) = 0.408 W/kg



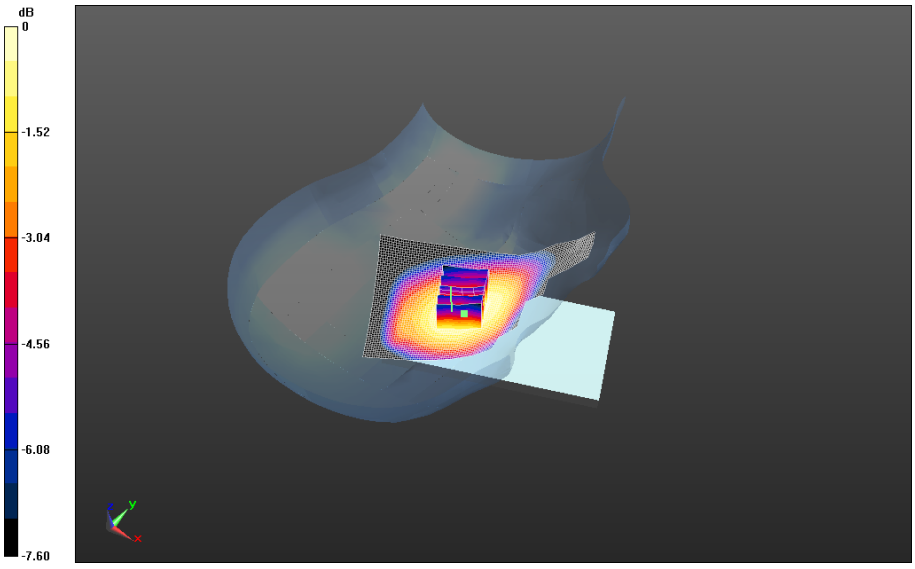
0 dB = 0.408 W/kg = -3.89 dBW/kg

Right-Hand-Side HSL - UMTS V/Tilt Position -UMTS V_chan4182_amb_temp_23.9C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.671 V/m; **Power Drift = 0.00851 dB**

Fast SAR: SAR(1g) = 0.248 W/kg; SAR(10g) = 0.173 W/kg
Maximum value of SAR (interpolated) = 0.260 W/kg

Right-Hand-Side HSL - UMTS V/Tilt Position -UMTS V_chan4182_amb_temp_23.9C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.671 V/m; **Power Drift = 0.00851 dB**

Averaged SAR: SAR(1g) = 0.253 W/kg; SAR(10g) = 0.198 W/kg
Maximum value of SAR (interpolated) = 0.298 W/kg



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

Date: 2/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Left-Hand-Side HSL - UMTS V

Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.892 S/m; ε_r = 41.684; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

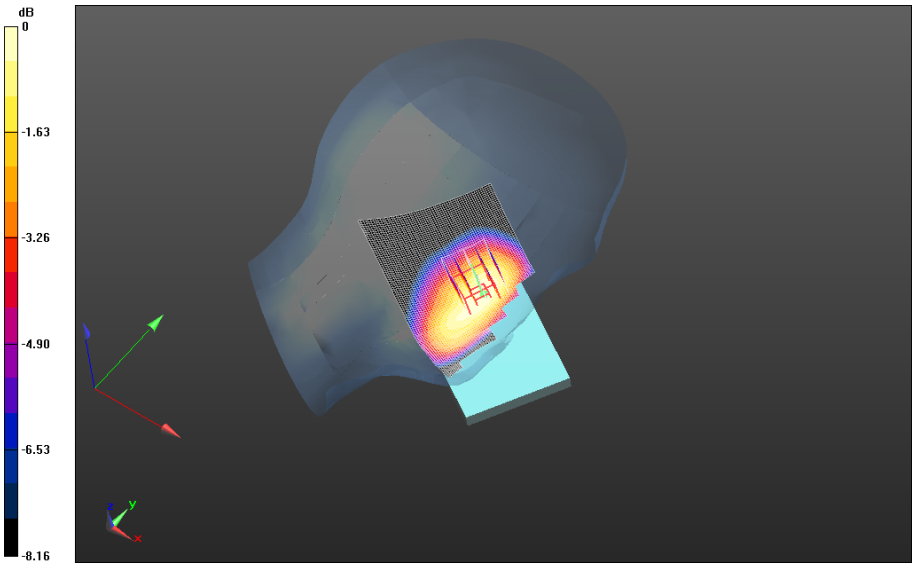
- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - UMTS V/Touch Position - UMTS V_chan4182_amb_temp_23.8C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.791 V/m; **Power Drift = 0.123 dB**

Fast SAR: SAR(1g) = 0.470 W/kg; SAR(10g) = 0.319 W/kg
Maximum value of SAR (interpolated) = 0.503 W/kg

Left-Hand-Side HSL - UMTS V/Touch Position - UMTS V_chan4182_amb_temp_23.8C_liq_temp_21.4C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.791 V/m; **Power Drift = 0.123 dB**

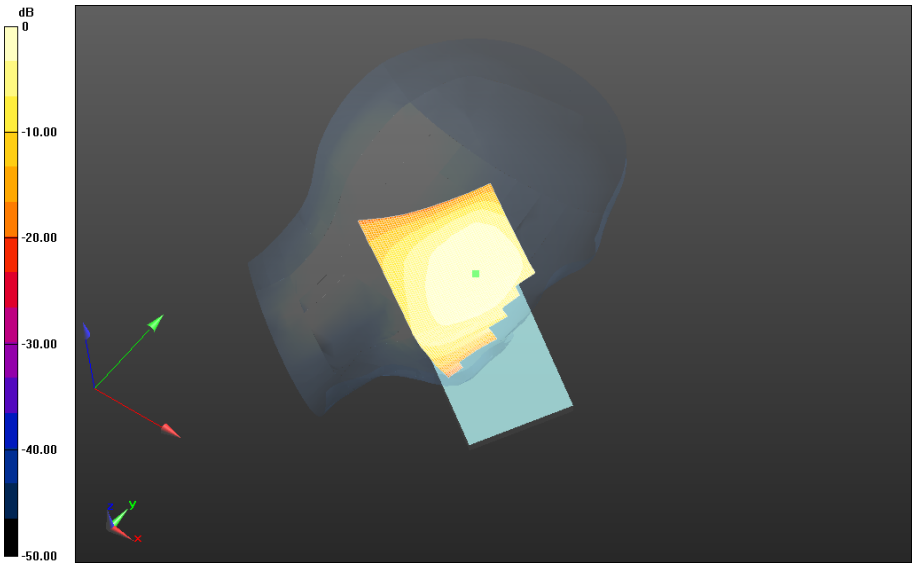
Averaged SAR: SAR(1g) = 0.475 W/kg; SAR(10g) = 0.362 W/kg
Maximum value of SAR (interpolated) = 0.573 W/kg



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

Left-Hand-Side HSL - UMTS V/Tilt Position - UMTS V_chan4182_amb_temp_23.8C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.596 V/m; **Power Drift = -0.034 dB**

Fast SAR: SAR(1g) = 0.254 W/kg; SAR(10g) = 0.176 W/kg
Maximum value of SAR (interpolated) = 0.267 W/kg



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

GSM 1900

Date: 2/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Right-Hand-Side HSL - GSM_DTM 1900

Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900;
Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.391 S/m; ε_r = 38.739; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

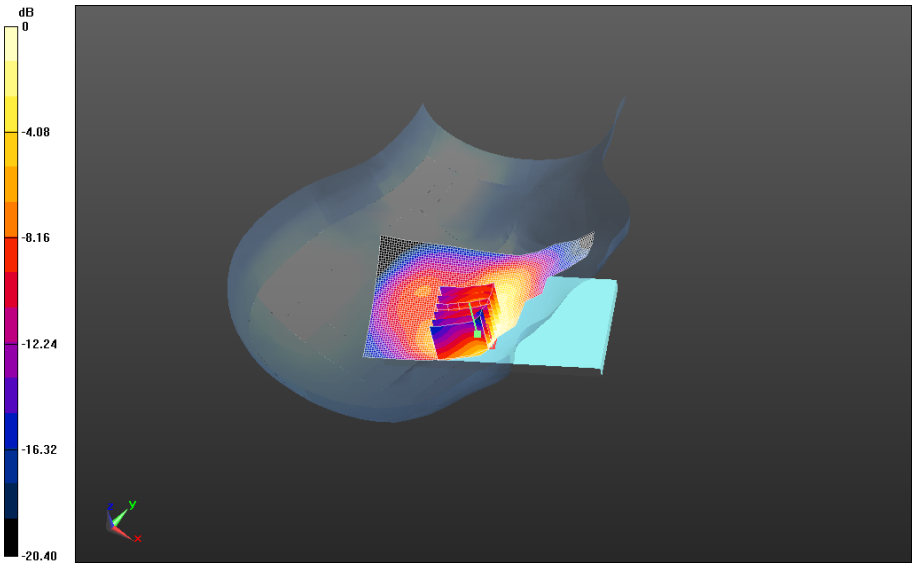
- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.7C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.590 V/m; **Power Drift = -0.149 dB**

Fast SAR: SAR(1g) = 0.436 W/kg; SAR(10g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 0.474 W/kg

Right-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.7C_liq_temp_21.3C/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.590 V/m; **Power Drift = -0.149 dB**

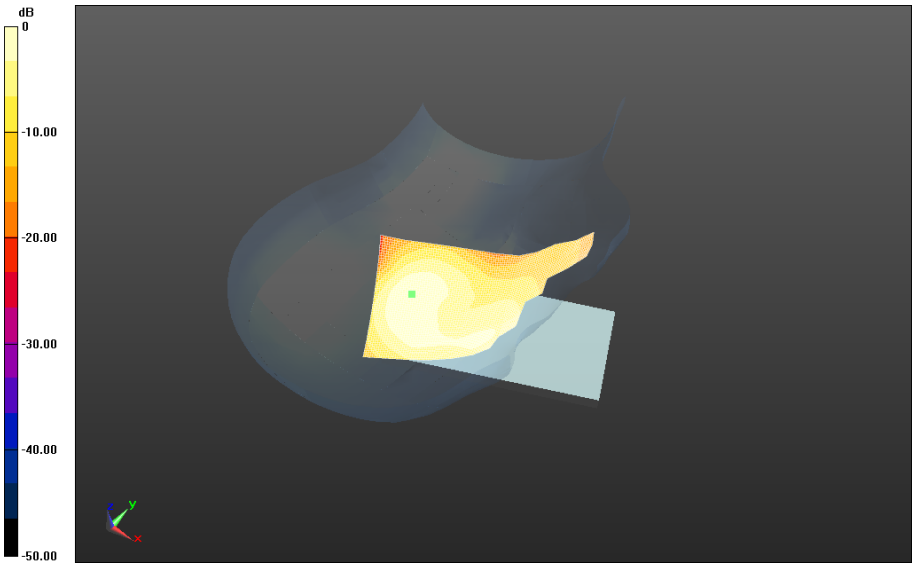
Averaged SAR: SAR(1g) = 0.428 W/kg; SAR(10g) = 0.279 W/kg
Maximum value of SAR (interpolated) = 0.598 W/kg



0 dB = 0.461 W/kg = -3.36 dBW/kg

Right-Hand-Side HSL - GSM_DTM 1900/Tilt Position -DTM 1900_2-slots_chan661_amb_temp_23.9C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.588 V/m; **Power Drift = 0.014 dB**

Fast SAR: SAR(1g) = 0.205 W/kg; SAR(10g) = 0.121 W/kg
Maximum value of SAR (interpolated) = 0.230 W/kg



0 dB = 0.230 W/kg = -6.38 dBW/kg

Date: 2/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Left-Hand-Side HSL - GSM_DTM 1900

Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900; Frequency: 1850.2 MHz
Medium Parameters used: f=1850.2 MHz; σ = 1.360 S/m; ε_r = 38.825; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

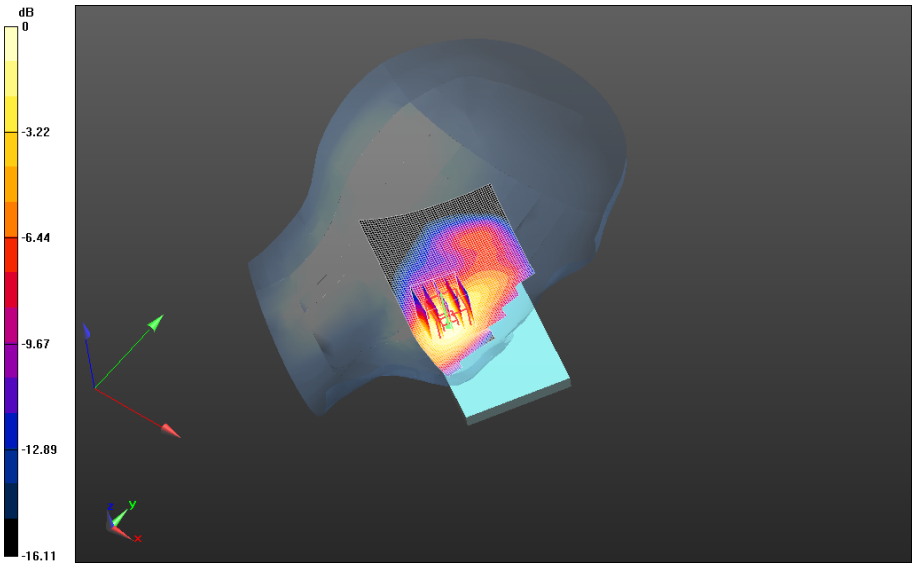
- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan512_amb_temp_23.8C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.285 V/m; **Power Drift = 0.079 dB**

Fast SAR: SAR(1g) = 0.621 W/kg; SAR(10g) = 0.358 W/kg
Maximum value of SAR (interpolated) = 0.687 W/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan512_amb_temp_23.8C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.285 V/m; **Power Drift = 0.079 dB**

Averaged SAR: SAR(1g) = 0.617 W/kg; SAR(10g) = 0.384 W/kg
Maximum value of SAR (interpolated) = 0.896 W/kg



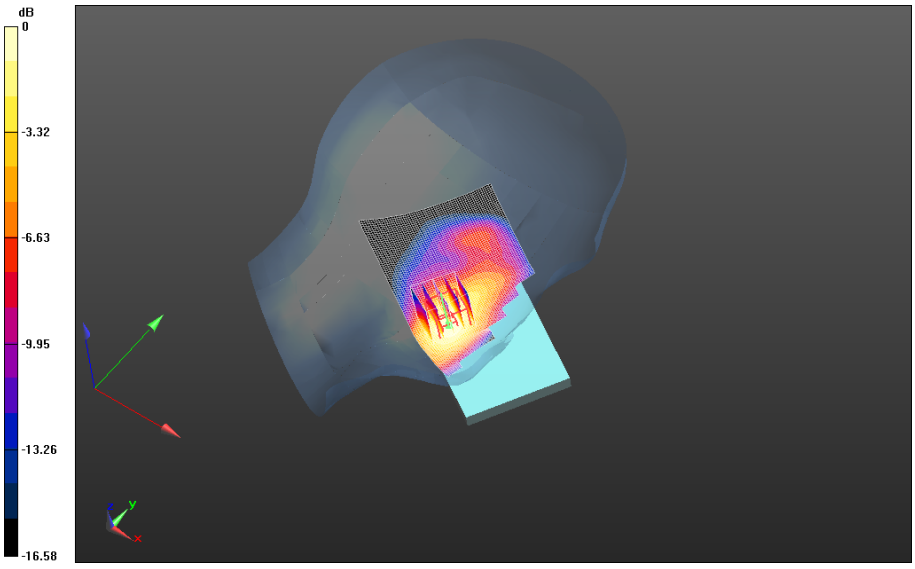
0 dB = 0.666 W/kg = -1.77 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.8C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.137 V/m; **Power Drift = 0.057 dB**

Fast SAR: SAR(1g) = 0.699 W/kg; SAR(10g) = 0.402 W/kg
Maximum value of SAR (interpolated) = 0.785 W/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.8C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.137 V/m; **Power Drift = 0.057 dB**

Averaged SAR: SAR(1g) = 0.704 W/kg; SAR(10g) = 0.432 W/kg
Maximum value of SAR (interpolated) = 1.05 W/kg



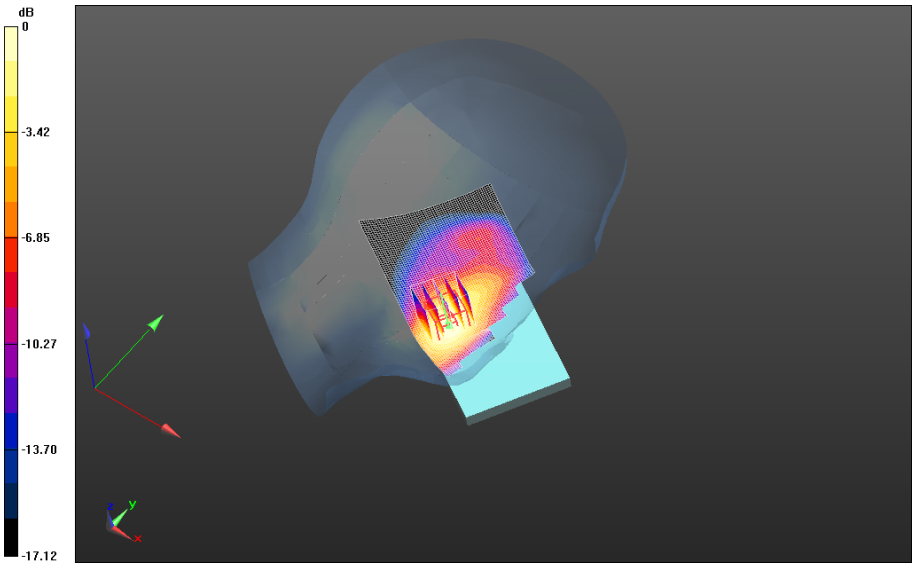
0 dB = 0.769 W/kg = -1.14 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan810_amb_temp_23.8C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.876 V/m; **Power Drift = -0.031 dB**

Fast SAR: SAR(1g) = 0.737 W/kg; SAR(10g) = 0.422 W/kg
Maximum value of SAR (interpolated) = 0.829 W/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan810_amb_temp_23.8C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.876 V/m; **Power Drift = -0.031 dB**

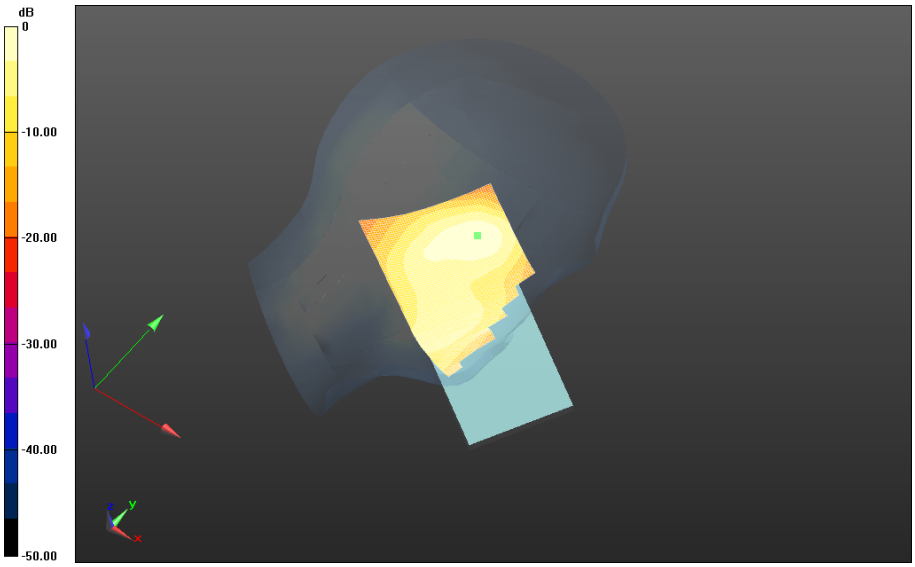
Averaged SAR: SAR(1g) = 0.750 W/kg; SAR(10g) = 0.455 W/kg
Maximum value of SAR (interpolated) = 1.12 W/kg



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

Left-Hand-Side HSL - GSM_DTM 1900/Tilt Position - DTM 1900_2-slot_chan661_amb_temp_23.4C_liq_temp_22.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.025 V/m; **Power Drift = 0.020 dB**

Fast SAR: SAR(1g) = 0.305 W/kg; SAR(10g) = 0.170 W/kg
Maximum value of SAR (interpolated) = 0.346 W/kg



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

UMTS Band II

Date: 2/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Right-Hand-Side HSL - UMTS II

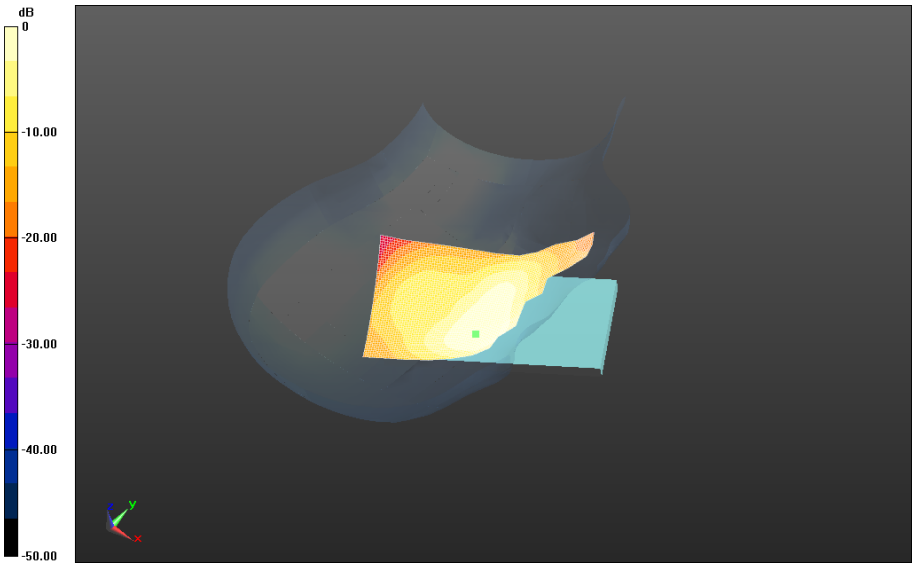
Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.391 S/m; ε_r = 38.739; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - UMTS II/Touch Position -UMTS II_chan9400_amb_temp_23.7C_liq_temp_21.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.447 V/m; **Power Drift = -0.054 dB**

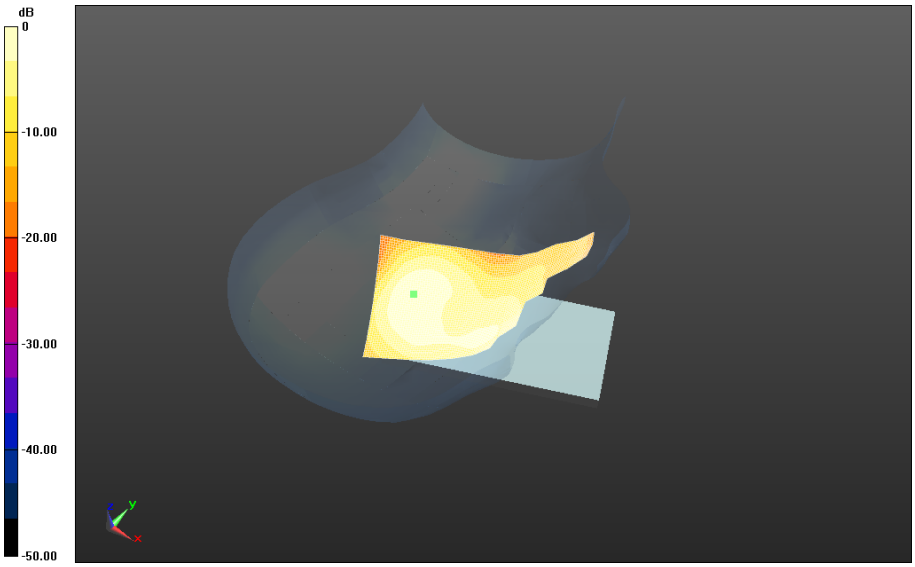
Fast SAR: SAR(1g) = 0.632 W/kg; SAR(10g) = 0.381 W/kg
Maximum value of SAR (interpolated) = 0.683 W/kg



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

Right-Hand-Side HSL - UMTS II/Tilt Position -UMTS II_chan9400_amb_temp_23.5C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.645 V/m; **Power Drift = -0.111 dB**

Fast SAR: SAR(1g) = 0.312 W/kg; SAR(10g) = 0.184 W/kg
Maximum value of SAR (interpolated) = 0.349 W/kg



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

Date: 2/9/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Left-Hand-Side HSL - UMTS II

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II; Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.362 S/m; ε_r = 38.819; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

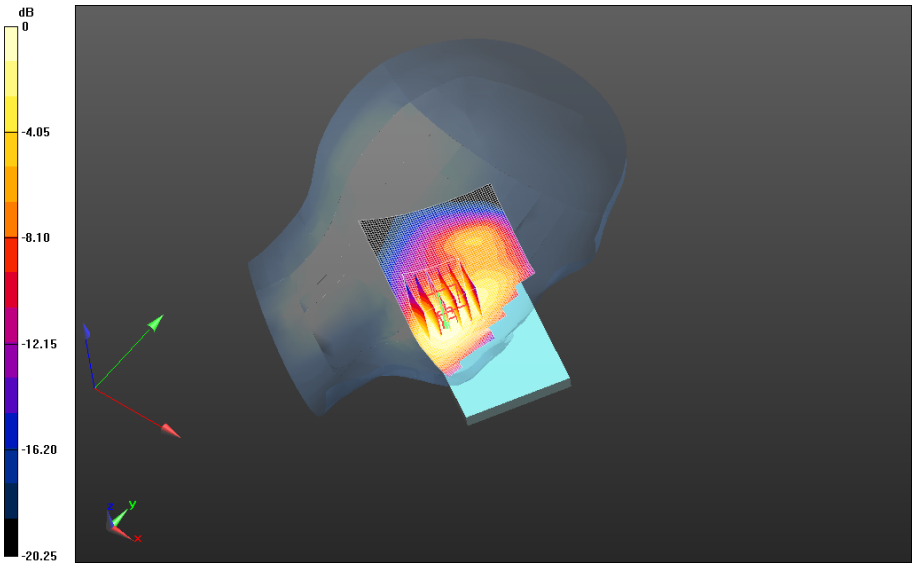
- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9262_amb_temp_23.9C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.177 V/m; **Power Drift = -0.165 dB**

Fast SAR: SAR(1g) = 0.910 W/kg; SAR(10g) = 0.530 W/kg
Maximum value of SAR (interpolated) = 1.00 W/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9262_amb_temp_23.9C_liq_temp_21.4C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 10.177 V/m; **Power Drift = -0.165 dB**

Averaged SAR: SAR(1g) = 0.903 W/kg; SAR(10g) = 0.575 W/kg
Maximum value of SAR (interpolated) = 1.27 W/kg



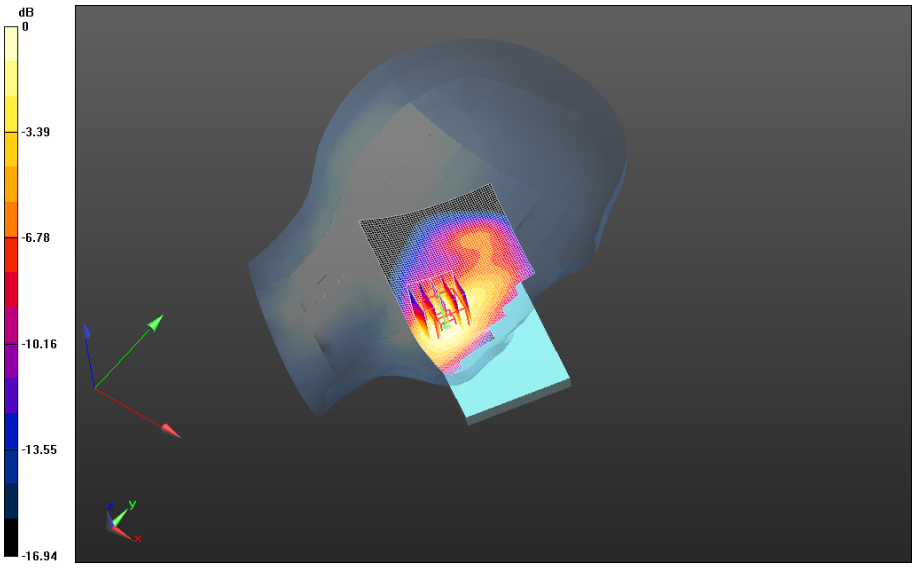
0 dB = 0.958 W/kg = -0.19 dBW/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9400_amb_temp_23.7C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.456 V/m; **Power Drift = 0.150 dB**

Fast SAR: SAR(1g) = 1.01 W/kg; SAR(10g) = 0.582 W/kg
Maximum value of SAR (interpolated) = 1.13 W/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9400_amb_temp_23.7C_liq_temp_21.4C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.456 V/m; **Power Drift = 0.150 dB**

Averaged SAR: SAR(1g) = 0.981 W/kg; SAR(10g) = 0.618 W/kg
Maximum value of SAR (interpolated) = 1.42 W/kg



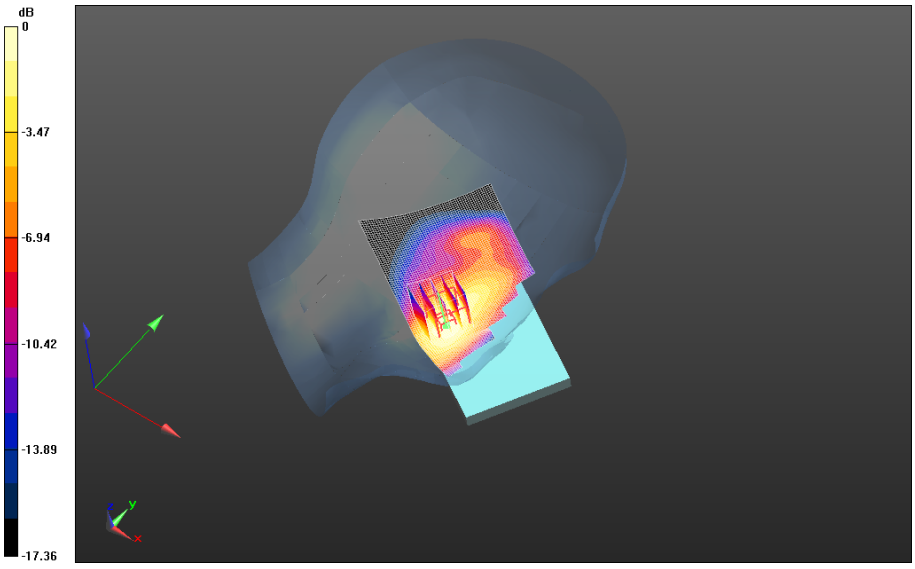
0 dB = 1.07 W/kg = 0.29 dBW/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9538_amb_temp_23.7C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.635 V/m; **Power Drift = 0.059 dB**

Fast SAR: SAR(1g) = 0.878 W/kg; SAR(10g) = 0.509 W/kg
Maximum value of SAR (interpolated) = 0.980 W/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9538_amb_temp_23.7C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.635 V/m; **Power Drift = 0.059 dB**

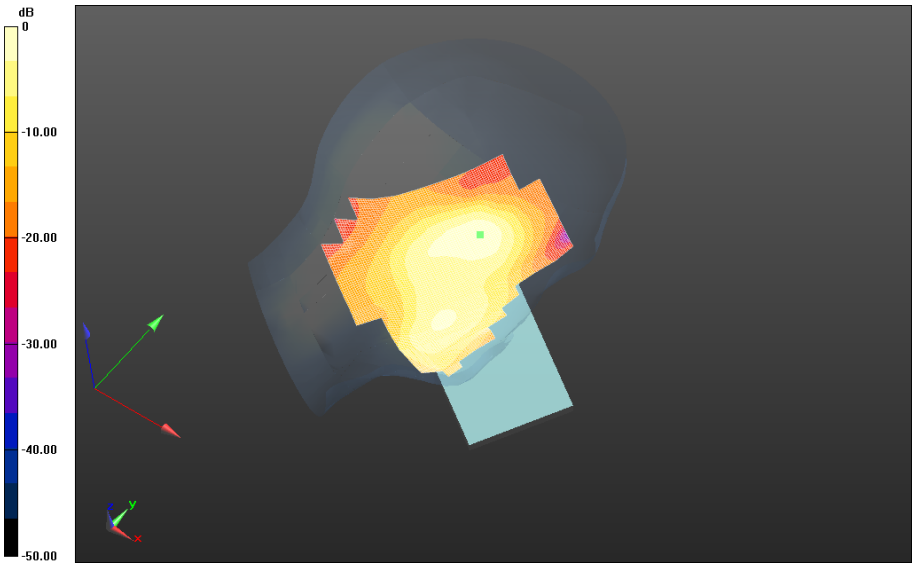
Averaged SAR: SAR(1g) = 0.881 W/kg; SAR(10g) = 0.550 W/kg
Maximum value of SAR (interpolated) = 1.30 W/kg



0 dB = 0.966 W/kg = -0.15 dBW/kg

Left-Hand-Side HSL - UMTS II/Tilt Position - UMTS II_chan9400_amb_temp_23.4C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.060 V/m; **Power Drift = 0.133 dB**

Fast SAR: SAR(1g) = 0.465 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.594 W/kg



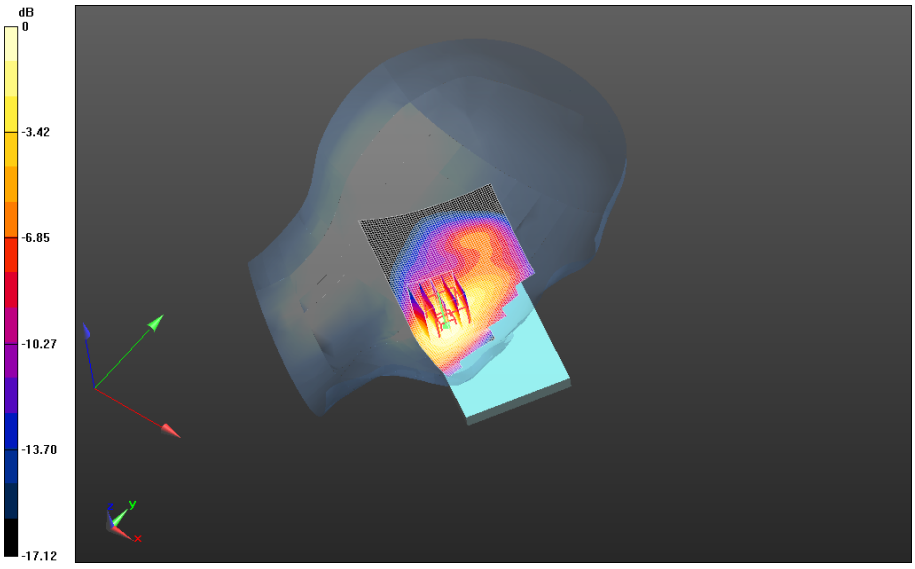
0 dB = 0.594 W/kg = -2.26 dBW/kg

Left-Hand-Side HSL - UMTS II/2nd Scan Touch Position - UMTS II_chan9400_amb_temp_23.6C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.555 V/m; **Power Drift = 0.057 dB**

Fast SAR: SAR(1g) = 1.00 W/kg; SAR(10g) = 0.581 W/kg
Maximum value of SAR (interpolated) = 1.12 W/kg

Left-Hand-Side HSL - UMTS II/2nd Scan Touch Position - UMTS II_chan9400_amb_temp_23.6C_liq_temp_21.3C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.555 V/m; **Power Drift = 0.057 dB**

Averaged SAR: SAR(1g) = 1.01 W/kg; SAR(10g) = 0.631 W/kg
Maximum value of SAR (interpolated) = 1.46 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

802.11b/g

Date: 3/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7A1D

Configuration: Right-Hand-Side HSL - 802.11g

Communication System: 802.11 b/g (2450) (0); Communication System Band: 802.11 g;
Frequency: 2412 MHz
Medium Parameters used: f=2412 MHz; σ = 1.807 S/m; ε_r = 40.429; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

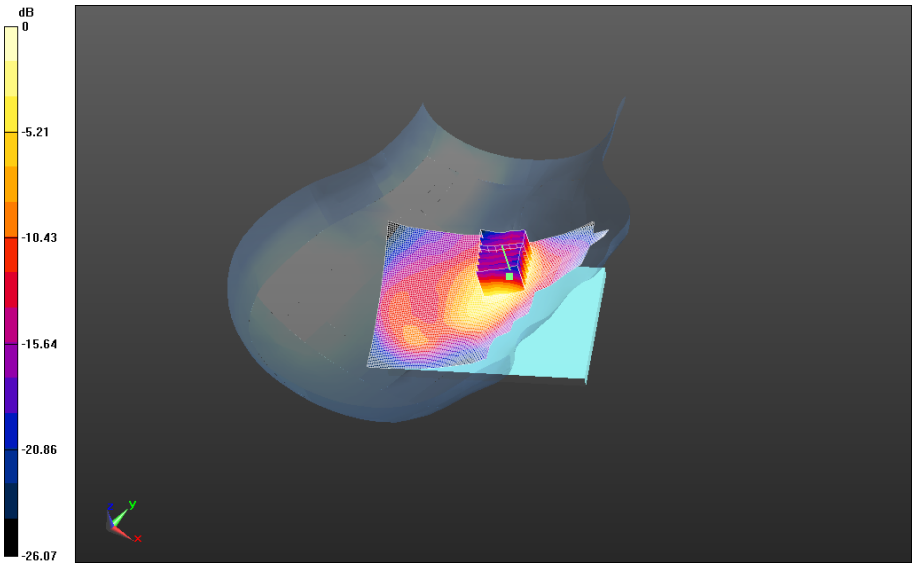
- Probe: ET3DV6 - SN1643; ConvF: (4.46,4.46,4.46); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan1_amb_temp_23.8C_liq_temp_21.8C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 4.467 V/m; **Power Drift = 0.434 dB**

Fast SAR: SAR(1g) = 0.397 W/kg; SAR(10g) = 0.190 W/kg
Maximum value of SAR (interpolated) = 0.460 W/kg

Right-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan1_amb_temp_23.8C_liq_temp_21.8C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 4.467 V/m; **Power Drift = 0.434 dB**

Averaged SAR: SAR(1g) = 0.389 W/kg; SAR(10g) = 0.182 W/kg
Maximum value of SAR (interpolated) = 0.965 W/kg



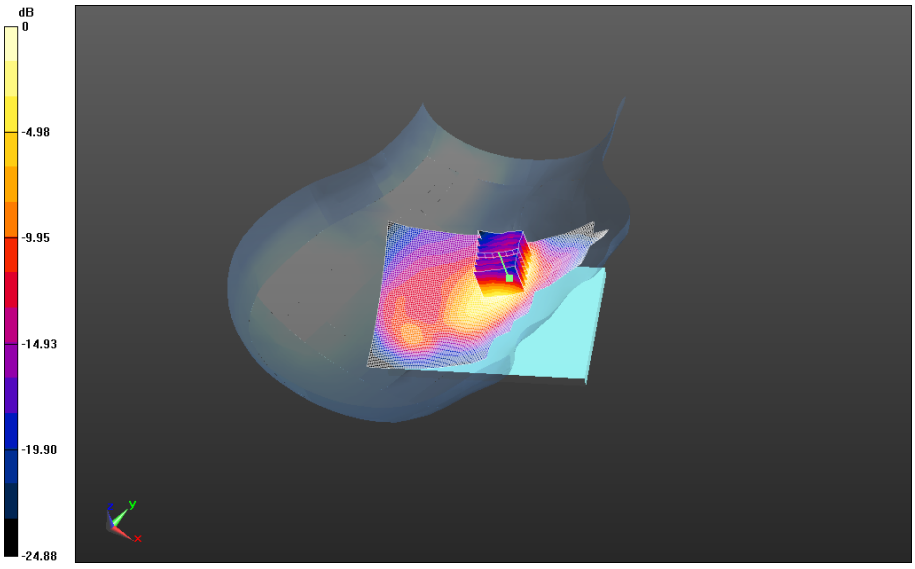
0 dB = 0.440 W/kg = -3.57 dBW/kg

Right-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan6_amb_temp_24.1C_liq_temp_22.0C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 5.332 V/m; **Power Drift = 0.018 dB**

Fast SAR: SAR(1g) = 0.527 W/kg; SAR(10g) = 0.250 W/kg
Maximum value of SAR (interpolated) = 0.622 W/kg

Right-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan6_amb_temp_24.1C_liq_temp_22.0C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 5.332 V/m; **Power Drift = 0.018 dB**

Averaged SAR: SAR(1g) = 0.515 W/kg; SAR(10g) = 0.243 W/kg
Maximum value of SAR (interpolated) = 1.26 W/kg



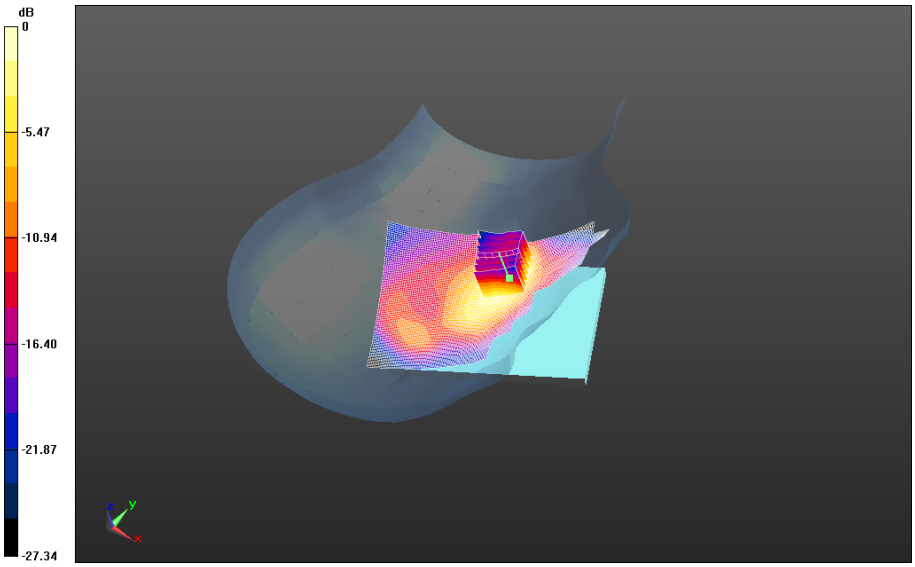
0 dB = 0.569 W/kg = -2.45 dBW/kg

Right-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan11_amb_temp_23.9C_liq_temp_21.6C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 4.214 V/m; **Power Drift = -0.274 dB**

Fast SAR: SAR(1g) = 0.347 W/kg; SAR(10g) = 0.164 W/kg
Maximum value of SAR (interpolated) = 0.407 W/kg

Right-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan11_amb_temp_23.9C_liq_temp_21.6C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 4.214 V/m; **Power Drift = -0.274 dB**

Averaged SAR: SAR(1g) = 0.339 W/kg; SAR(10g) = 0.158 W/kg
Maximum value of SAR (interpolated) = 0.833 W/kg



0 dB = 0.375 W/kg = -4.26 dBW/kg

Right-Hand-Side HSL - 802.11g/Tilt Position - 802.11g_chan6_amb_temp_24.1C_liq_temp_22.0C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 6.876 V/m; **Power Drift = 0.117 dB**

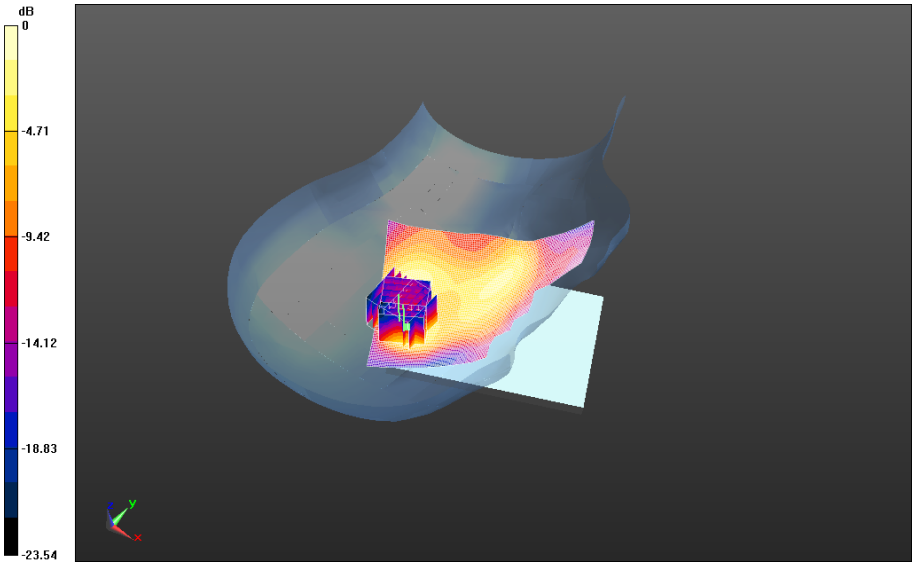
Fast SAR: SAR(1g) = 0.0859 W/kg; SAR(10g) = 0.0419 W/kg
Maximum value of SAR (interpolated) = 0.104 W/kg

Right-Hand-Side HSL - 802.11g/Tilt Position - 802.11g_chan6_amb_temp_24.1C_liq_temp_22.0C/Zoom Scan (36x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 6.876 V/m; **Power Drift = 0.117 dB**

Averaged SAR: SAR(1g) = 0.0916 W/kg; SAR(10g) = 0.0462 W/kg
Maximum value of SAR (interpolated) = 0.179 W/kg

Right-Hand-Side HSL - 802.11g/Tilt Position - 802.11g_chan6_amb_temp_24.1C_liq_temp_22.0C/Zoom Scan 2 (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 6.876 V/m; **Power Drift = 0.165 dB**

Averaged SAR: SAR(1g) = 0.0961 W/kg; SAR(10g) = 0.0466 W/kg
Maximum value of SAR (interpolated) = 0.189 W/kg



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

Date: 3/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7A1D

Configuration: Left-Hand-Side HSL - 802.11g

Communication System: 802.11 b/g (2450) (0); Communication System Band: 802.11 b;
Frequency: 2437 MHz
Medium Parameters used: f=2437 MHz; σ = 1.838 S/m; ε_r = 40.372; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.46,4.46,4.46); Calibrated: 3/10/2014;
- 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)

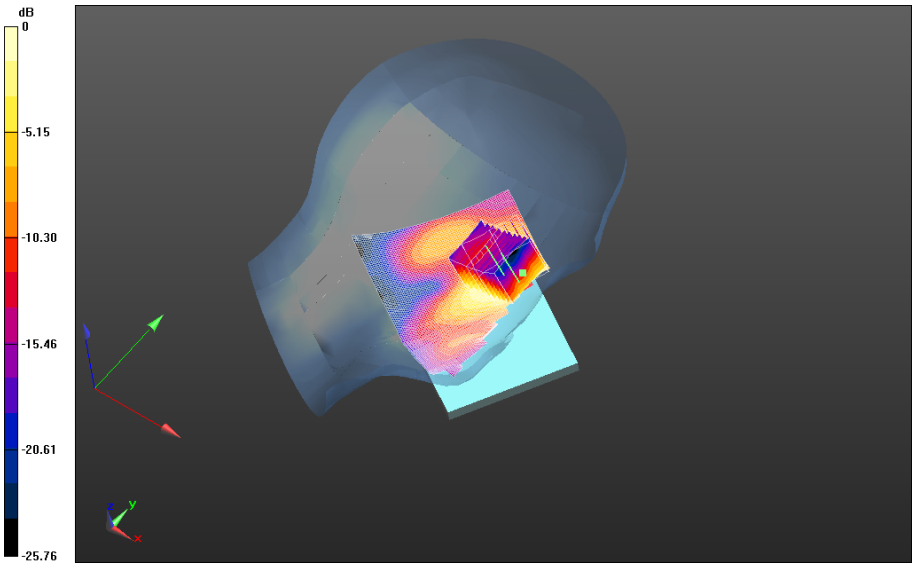
Left-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan6_amb_temp_23.9C_liq_temp_21.8C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 5.137 V/m; **Power Drift = 0.052 dB**

Fast SAR: SAR(1g) = 0.210 W/kg; SAR(10g) = 0.120 W/kg
Maximum value of SAR (interpolated) = 0.233 W/kg

Left-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan6_amb_temp_23.9C_liq_temp_21.8C/Zoom Scan (46x36x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 5.137 V/m; **Power Drift = 0.052 dB**

Averaged SAR: SAR(1g) = 0.218 W/kg; SAR(10g) = 0.127 W/kg
Maximum value of SAR (interpolated) = 0.473 W/kg
Left-Hand-Side HSL - 802.11g/Touch Position - 802.11g_chan6_amb_temp_23.9C_liq_temp_21.8C/Zoom Scan 2 (41x36x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 5.137 V/m; **Power Drift = -0.041 dB**

Averaged SAR: SAR(1g) = 0.224 W/kg; SAR(10g) = 0.123 W/kg
Maximum value of SAR (interpolated) = 0.524 W/kg



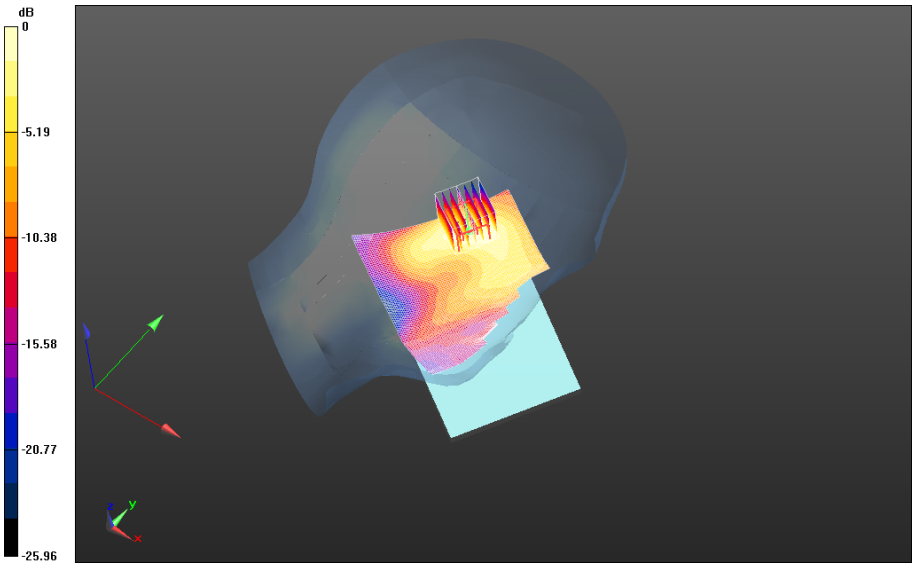
0 dB = 0.254 W/kg = -5.95 dBW/kg

Left-Hand-Side HSL - 802.11g/Tilt Position - 802.11g_chan6_amb_temp_23.9C_liq_temp_21.9C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 6.828 V/m; **Power Drift = -0.023 dB**

Fast SAR: SAR(1g) = 0.110 W/kg; SAR(10g) = 0.0590 W/kg
Maximum value of SAR (interpolated) = 0.136 W/kg

Left-Hand-Side HSL - 802.11g/Tilt Position - 802.11g_chan6_amb_temp_23.9C_liq_temp_21.9C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 6.828 V/m; **Power Drift = -0.023 dB**

Averaged SAR: SAR(1g) = 0.120 W/kg; SAR(10g) = 0.0620 W/kg
Maximum value of SAR (interpolated) = 0.218 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

Date: 3/2/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7A1D

Configuration: Right-Hand-Side HSL - 802.11b

Communication System: 802.11 b (2450) (0); Communication System Band: 802.11 g; Frequency: 2437 MHz
Medium Parameters used: f=2437 MHz; σ = 1.838 S/m; ε_r = 40.372; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

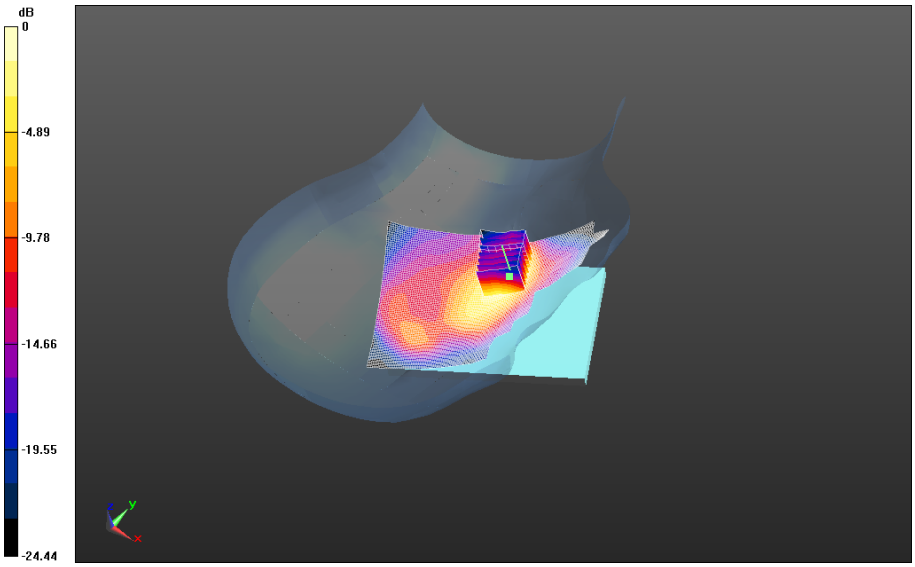
- Probe: ET3DV6 - SN1643; ConvF: (4.46,4.46,4.46); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - 802.11b/Touch Position - 802.11b_chan6_amb_temp_24.1C_liq_temp_22.0C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 5.132 V/m; **Power Drift = -0.157 dB**

Fast SAR: SAR(1g) = 0.406 W/kg; SAR(10g) = 0.193 W/kg
Maximum value of SAR (interpolated) = 0.473 W/kg

Right-Hand-Side HSL - 802.11b/Touch Position - 802.11b_chan6_amb_temp_24.1C_liq_temp_22.0C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 5.132 V/m; **Power Drift = -0.157 dB**

Averaged SAR: SAR(1g) = 0.397 W/kg; SAR(10g) = 0.187 W/kg
Maximum value of SAR (interpolated) = 0.964 W/kg



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

Bluetooth

Date: 3/3/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Right-Hand-Side HSL - Bluetooth

Communication System: Bluetooth (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2441 MHz
Medium Parameters used: f=2441 MHz; σ = 1.843 S/m; ε_r = 40.362; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

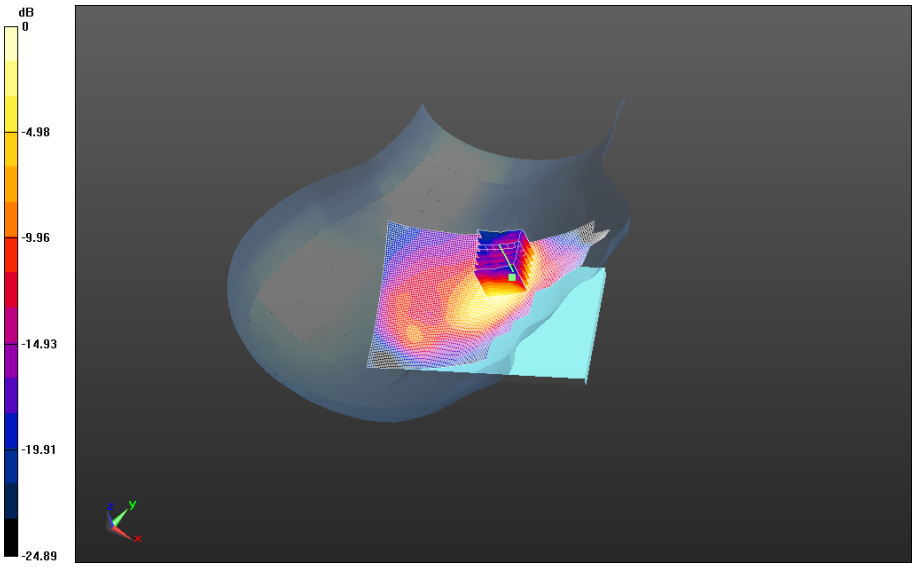
- Probe: ET3DV6 - SN1643; ConvF: (4.46,4.46,4.46); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_23.0C_liq_temp_21.7C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.100 V/m; **Power Drift = 0.492 dB**

Fast SAR: SAR(1g) = 0.0823 W/kg; SAR(10g) = 0.0397 W/kg
Maximum value of SAR (interpolated) = 0.0960 W/kg

Right-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_23.0C_liq_temp_21.7C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 2.100 V/m; **Power Drift = 0.492 dB**

Averaged SAR: SAR(1g) = 0.0843 W/kg; SAR(10g) = 0.0401 W/kg
Maximum value of SAR (interpolated) = 0.207 W/kg



0 dB = 0.0926 W/kg = -10.33 dBW/kg

Date: 3/3/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE780C

Configuration: Left-Hand-Side HSL - Bluetooth

Communication System: Bluetooth (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2441 MHz
Medium Parameters used: f=2441 MHz; σ = 1.843 S/m; ε_r = 40.362; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

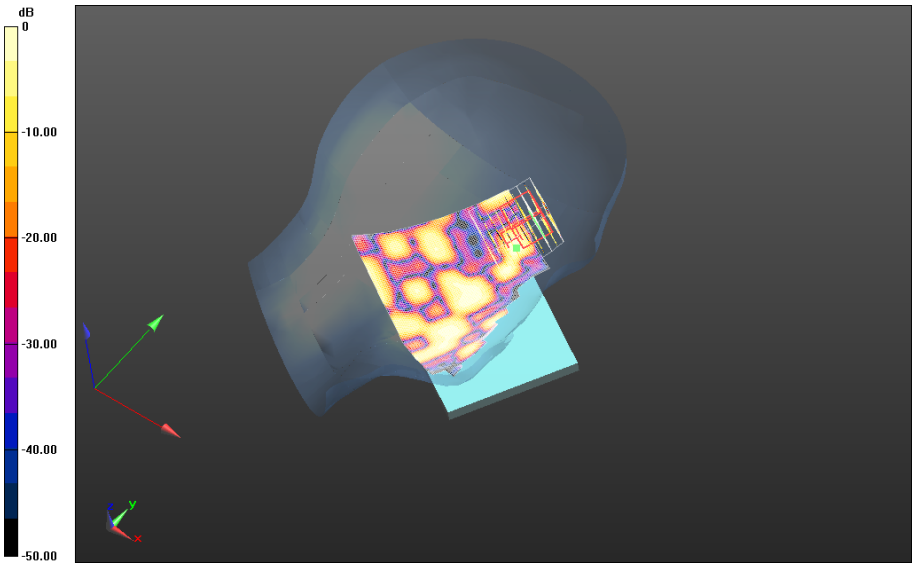
- Probe: ET3DV6 - SN1643; ConvF: (4.46,4.46,4.46); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_24.2C_liq_temp_22.0C/Area Scan (151x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 0.903 V/m; **Power Drift = -0.141 dB**

Fast SAR: SAR(1g) = 0.000530 W/kg; SAR(10g) = 0.000223 W/kg
Maximum value of SAR (interpolated) = 0.000699 W/kg

Left-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_24.2C_liq_temp_22.0C/Zoom Scan (46x41x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 0.903 V/m; **Power Drift = -0.141 dB**

Averaged SAR: SAR(1g) = 0.000240 W/kg; SAR(10g) = 0.0000852 W/kg
Maximum value of SAR (interpolated) = 0.00134 W/kg



0 dB = 0.000900 W/kg = -30.46 dBW/kg

Device Model: RHD131LW

GSM 850

Date: 2/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Right-Hand-Side HSL - DTM 850

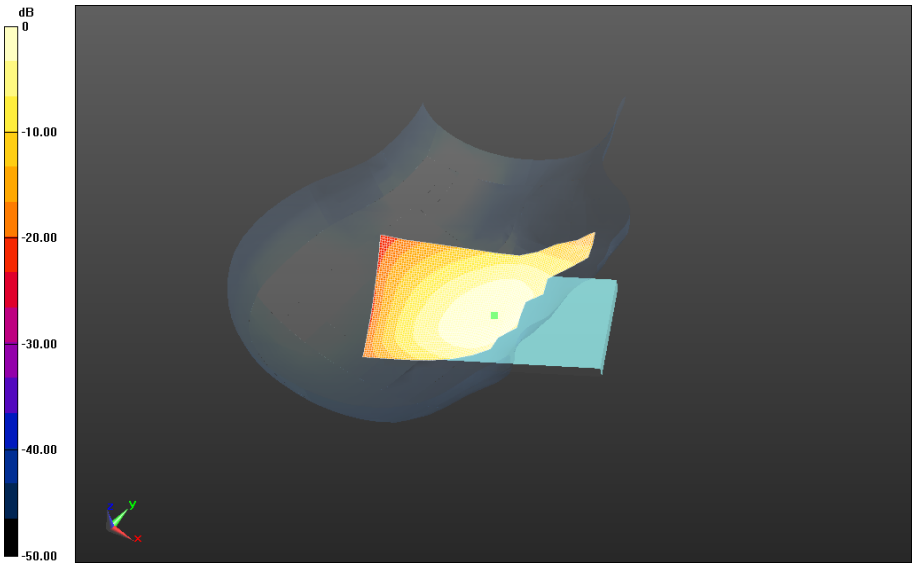
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.880 S/m; ε_r = 41.830; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- 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 850/Touch Position - DTM 850_3-Slot_chan128amb_temp_23.6C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.624 V/m; **Power Drift = -0.138 dB**

Fast SAR: SAR(1g) = 0.620 W/kg; SAR(10g) = 0.423 W/kg
Maximum value of SAR (interpolated) = 0.647 W/kg



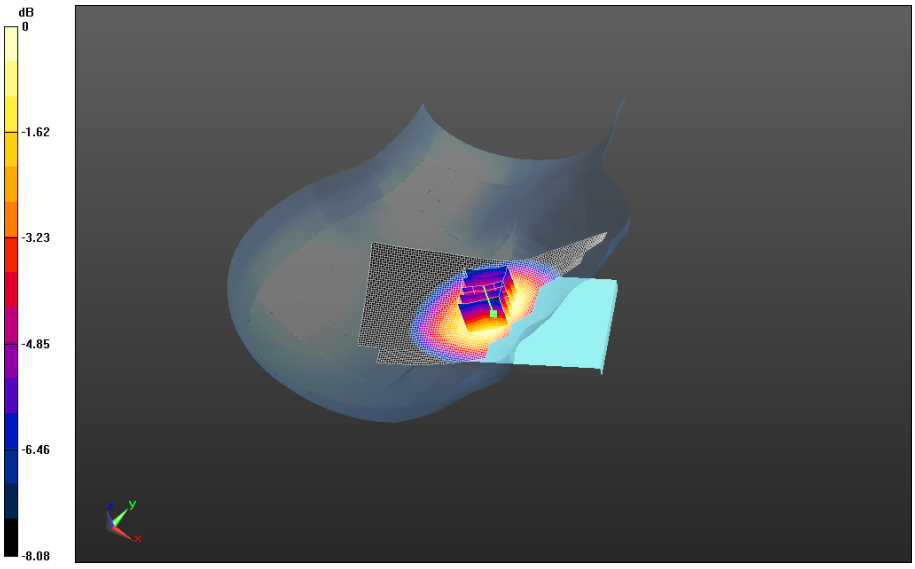
0 dB = 0.647 W/kg = -1.89 dBW/kg

Right-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.530 V/m; **Power Drift = 0.222 dB**

Fast SAR: SAR(1g) = 0.710 W/kg; SAR(10g) = 0.483 W/kg
Maximum value of SAR (interpolated) = 0.751 W/kg

Right-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_21.9C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 10.530 V/m; **Power Drift = 0.222 dB**

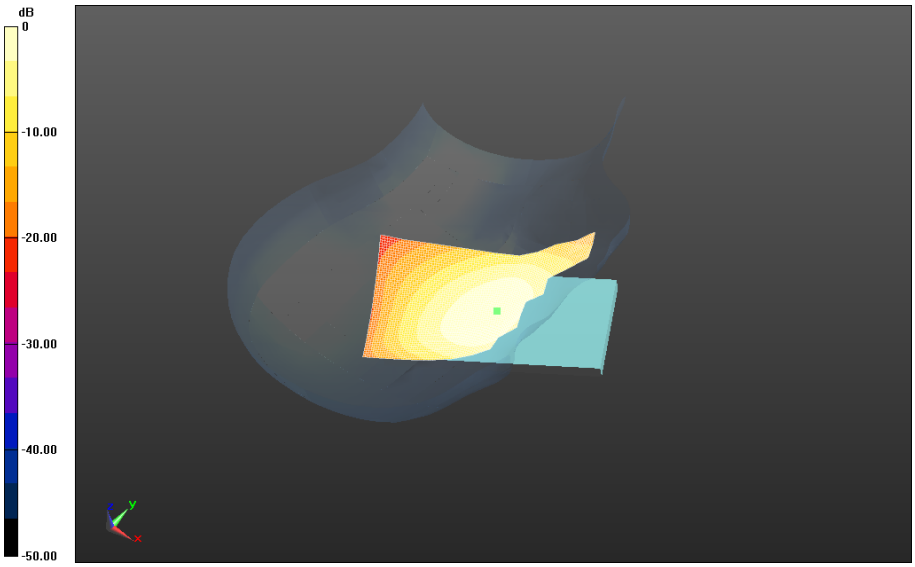
Averaged SAR: SAR(1g) = 0.680 W/kg; SAR(10g) = 0.526 W/kg
Maximum value of SAR (interpolated) = 0.807 W/kg



0 dB = 0.699 W/kg = -1.56 dBW/kg

Right-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan251amb_temp_23.6C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.249 V/m; **Power Drift = 0.011 dB**

Fast SAR: SAR(1g) = 0.646 W/kg; SAR(10g) = 0.439 W/kg
Maximum value of SAR (interpolated) = 0.683 W/kg



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

Date: 2/25/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Left-Hand-Side HSL - DTM 850

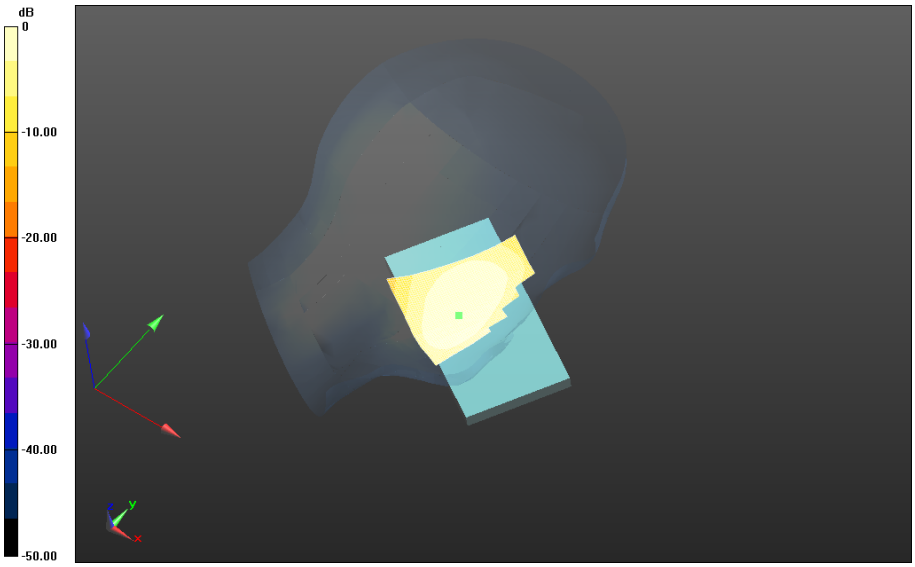
Communication System: DTM 850 (3 slots) (0); Communication System Band: DTM 850 (3 slots); Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.880 S/m; ε_r = 41.830; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- 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 850/Touch Position - DTM 850_3-Slot_chan128_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.497 V/m; **Power Drift = -0.033 dB**

Fast SAR: SAR(1g) = 0.711 W/kg; SAR(10g) = 0.484 W/kg
Maximum value of SAR (interpolated) = 0.740 W/kg



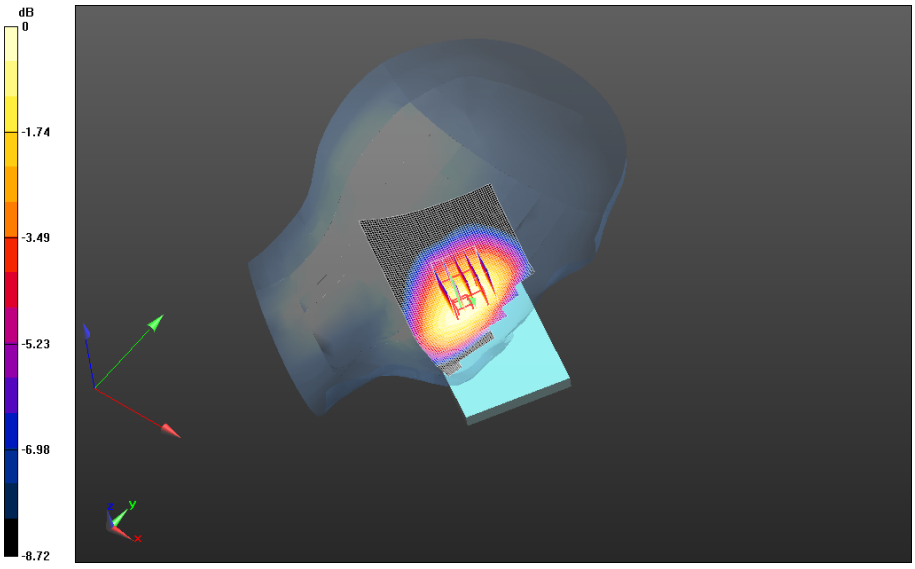
0 dB = 0.740 W/kg = -1.31 dBW/kg

Left-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.788 V/m; **Power Drift = -0.017 dB**

Fast SAR: SAR(1g) = 0.712 W/kg; SAR(10g) = 0.486 W/kg
Maximum value of SAR (interpolated) = 0.754 W/kg

Left-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan190_amb_temp_23.6C_liq_temp_21.7C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.788 V/m; **Power Drift = -0.017 dB**

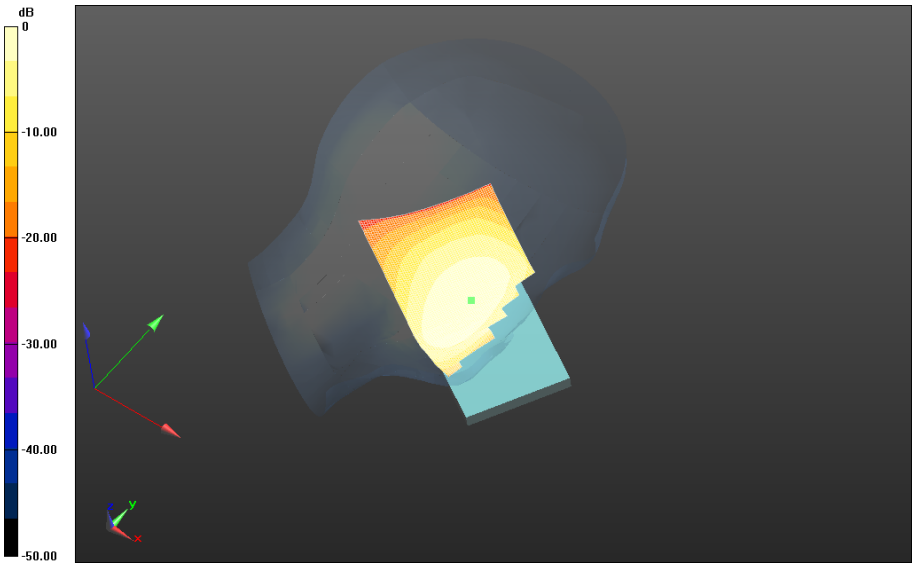
Averaged SAR: SAR(1g) = 0.714 W/kg; SAR(10g) = 0.536 W/kg
Maximum value of SAR (interpolated) = 0.883 W/kg



0 dB = 0.743 W/kg = -1.29 dBW/kg

Left-Hand-Side HSL - DTM 850/Touch Position - DTM 850_3-Slot_chan251_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.814 V/m; **Power Drift = -0.039 dB**

Fast SAR: SAR(1g) = 0.665 W/kg; SAR(10g) = 0.454 W/kg
Maximum value of SAR (interpolated) = 0.704 W/kg



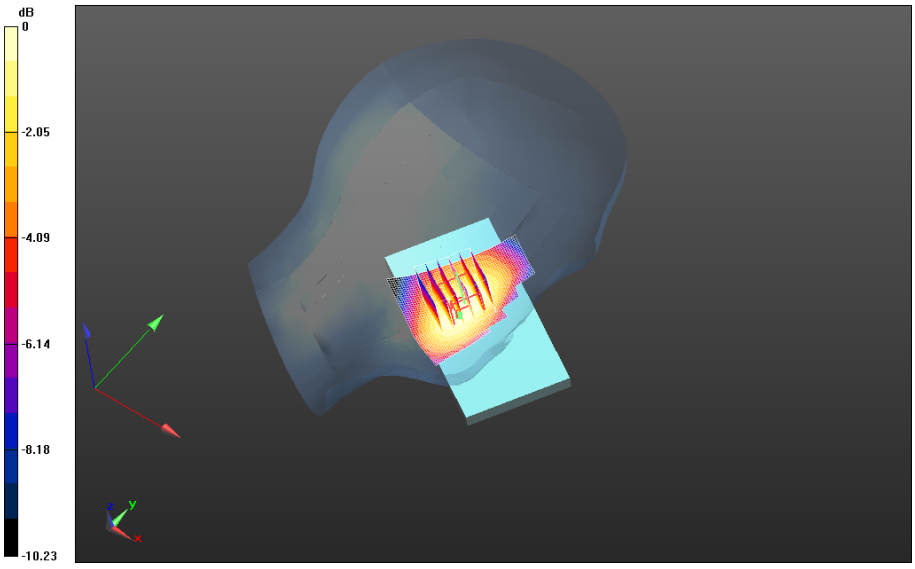
0 dB = 0.704 W/kg = -1.52 dBW/kg

Left-Hand-Side HSL - DTM 850/Touch Position 2nd Sacns - DTM 850_3-Slot_chan128_amb_temp_23.6C_liq_temp_21.5C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.397 V/m; **Power Drift = -0.060 dB**

Fast SAR: SAR(1g) = 0.713 W/kg; SAR(10g) = 0.484 W/kg
Maximum value of SAR (interpolated) = 0.745 W/kg

Left-Hand-Side HSL - DTM 850/Touch Position 2nd Sacns - DTM 850_3-Slot_chan128_amb_temp_23.6C_liq_temp_21.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.397 V/m; **Power Drift = -0.060 dB**

Averaged SAR: SAR(1g) = 0.720 W/kg; SAR(10g) = 0.533 W/kg
Maximum value of SAR (interpolated) = 0.917 W/kg



0 dB = 0.739 W/kg = -1.31 dBW/kg

UMTS Band V

Date: 2/23/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Right-Hand-Side HSL - UMTS V

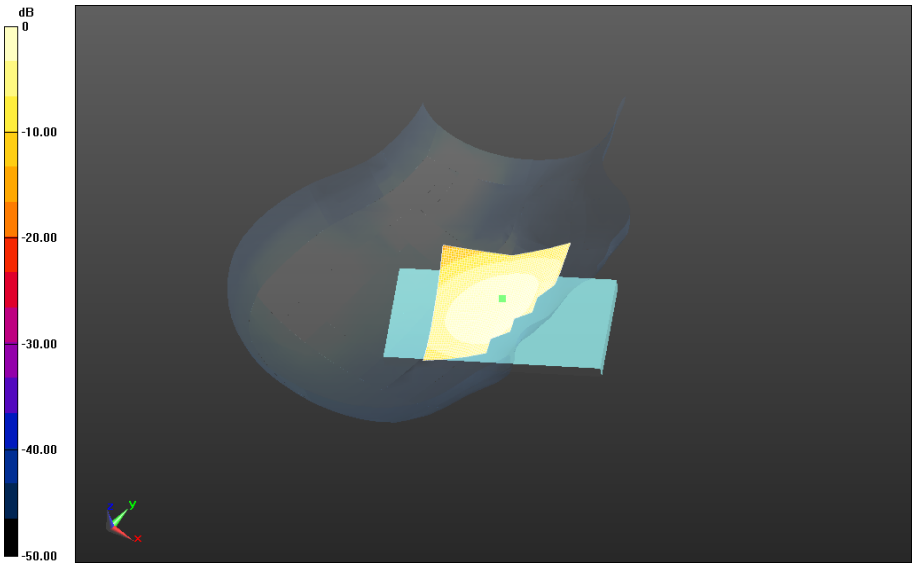
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 826.4 MHz
Medium Parameters used: f=826.4 MHz; σ = 0.881 S/m; ε_r = 41.812; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- 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 V/Touch Position -UMTS V_chan4132_amb_temp_23.7C_liq_temp_21.4C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.131 V/m; **Power Drift = 0.065 dB**

Fast SAR: SAR(1g) = 0.331 W/kg; SAR(10g) = 0.226 W/kg
Maximum value of SAR (interpolated) = 0.350 W/kg



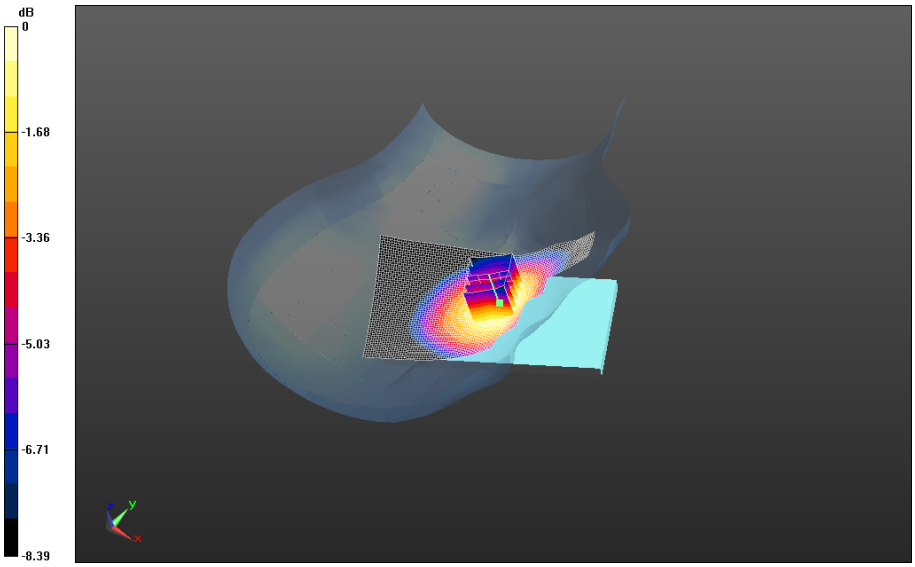
0 dB = 0.350 W/kg = -4.56 dBW/kg

Right-Hand-Side HSL - UMTS V/Touch Position -UMTS V_chan4182_amb_temp_24.0C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.156 V/m; **Power Drift = -0.000454 dB**

Fast SAR: SAR(1g) = 0.455 W/kg; SAR(10g) = 0.309 W/kg
Maximum value of SAR (interpolated) = 0.480 W/kg

Right-Hand-Side HSL - UMTS V/Touch Position -UMTS V_chan4182_amb_temp_24.0C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.156 V/m; **Power Drift = -0.000454 dB**

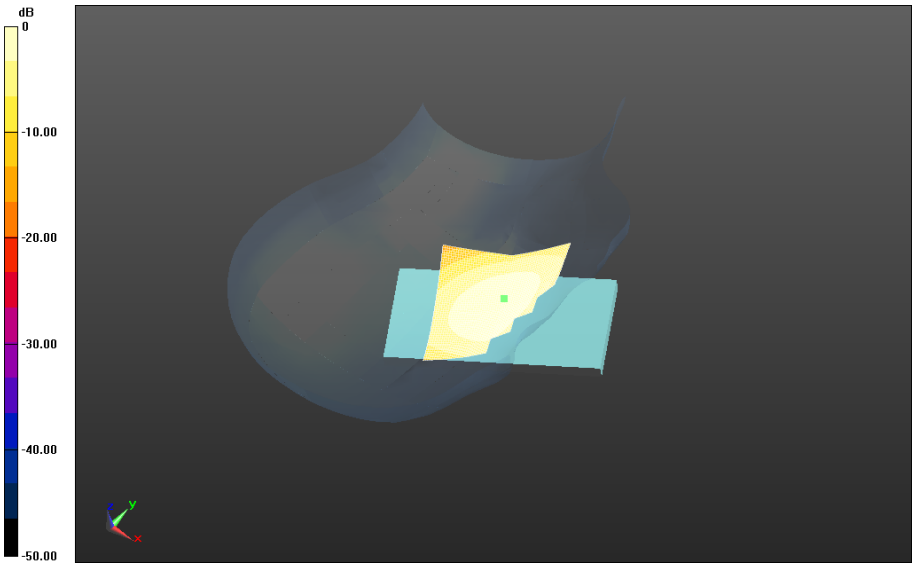
Averaged SAR: SAR(1g) = 0.453 W/kg; SAR(10g) = 0.349 W/kg
Maximum value of SAR (interpolated) = 0.547 W/kg



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

Right-Hand-Side HSL - UMTS V/Touch Position -UMTS V_chan4233_amb_temp_23.8C_liq_temp_21.4C/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.175 V/m; **Power Drift = 0.100 dB**

Fast SAR: SAR(1g) = 0.354 W/kg; SAR(10g) = 0.238 W/kg
Maximum value of SAR (interpolated) = 0.378 W/kg



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

Date: 2/24/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Left-Hand-Side HSL - UMTS V

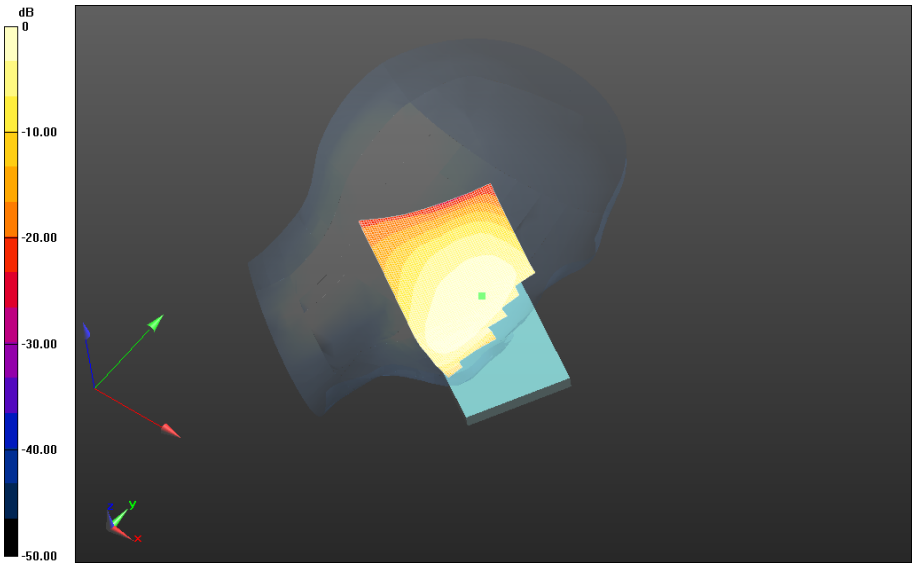
Communication System: WCDMA FDD V (0); Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.892 S/m; ε_r = 41.684; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (6.55,6.55,6.55); Calibrated: 3/10/2014;
- 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 V/Touch Position - UMTS V_chan4182_amb_temp_23.9C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.982 V/m; **Power Drift = -0.137 dB**

Fast SAR: SAR(1g) = 0.439 W/kg; SAR(10g) = 0.299 W/kg
Maximum value of SAR (interpolated) = 0.470 W/kg



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

GSM 1900

Date: 2/10/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Right-Hand-Side HSL - GSM_DTM 1900

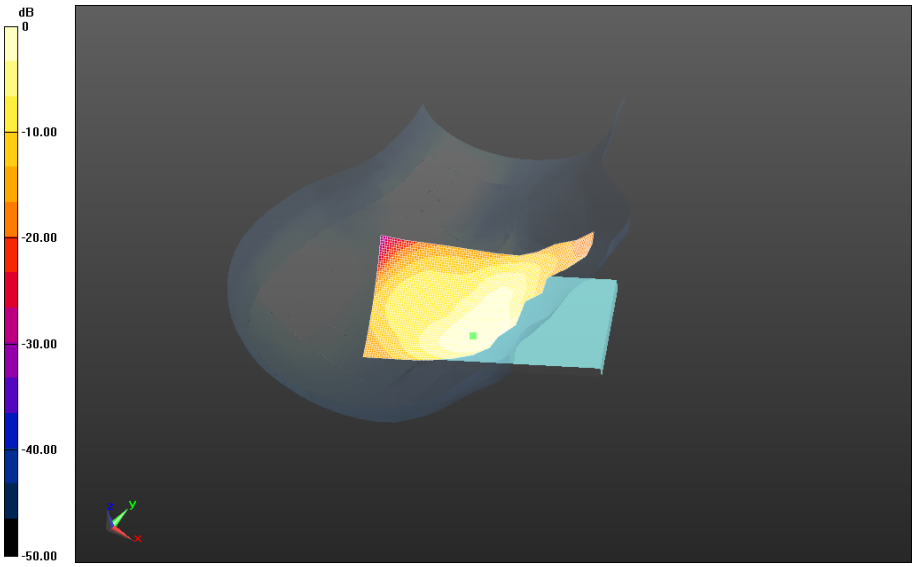
Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.391 S/m; ε_r = 38.739; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.6C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.276 V/m; **Power Drift = 0.129 dB**

Fast SAR: SAR(1g) = 0.363 W/kg; SAR(10g) = 0.217 W/kg
Maximum value of SAR (interpolated) = 0.395 W/kg



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

Date: 2/10/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Left-Hand-Side HSL - GSM_DTM 1900

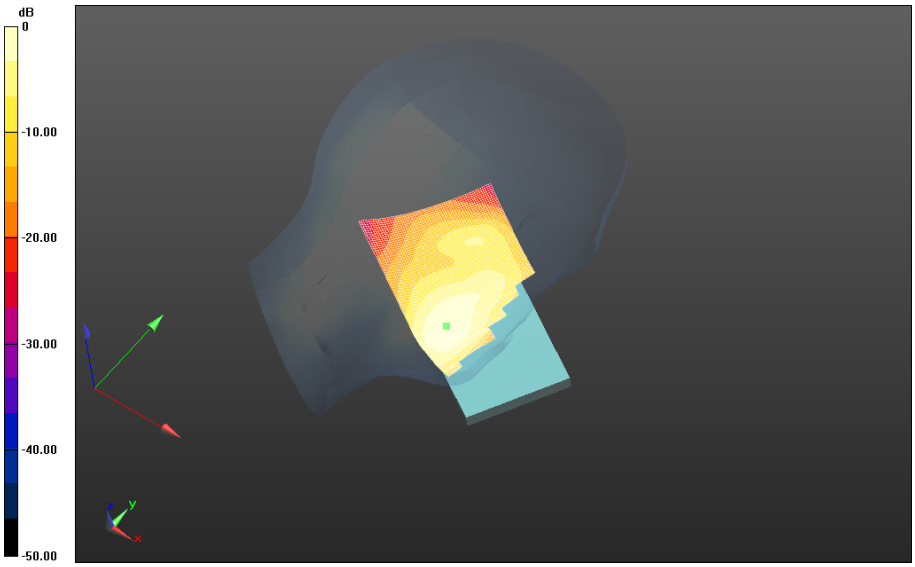
Communication System: DTM 1900 (2slots) (0); Communication System Band: DTM 1900; Frequency: 1850.2 MHz
Medium Parameters used: f=1850.2 MHz; σ = 1.360 S/m; ε_r = 38.825; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan512_amb_temp_23.8C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.542 V/m; **Power Drift = -0.000343 dB**

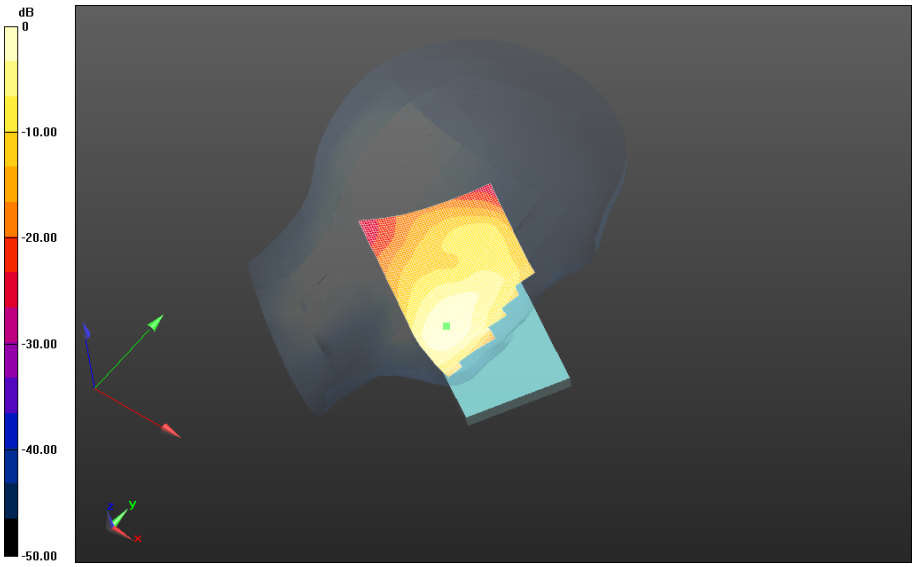
Fast SAR: SAR(1g) = 0.564 W/kg; SAR(10g) = 0.326 W/kg
Maximum value of SAR (interpolated) = 0.624 W/kg



0 dB = 0.624 W/kg = -2.05 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan661_amb_temp_23.8C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.194 V/m; **Power Drift = 0.114 dB**

Fast SAR: SAR(1g) = 0.606 W/kg; SAR(10g) = 0.350 W/kg
Maximum value of SAR (interpolated) = 0.680 W/kg



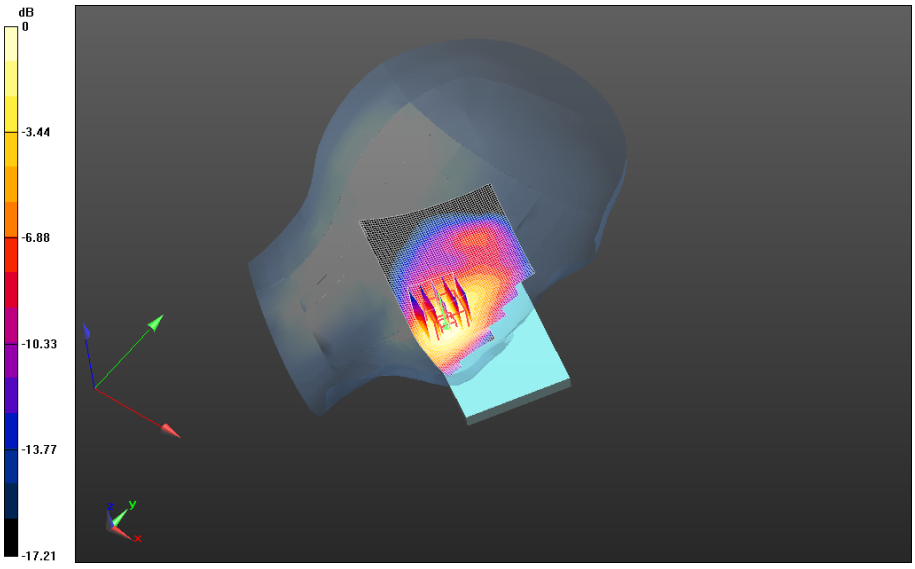
0 dB = 0.680 W/kg = -1.67 dBW/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan810_amb_temp_23.8C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.179 V/m; **Power Drift = -0.014 dB**

Fast SAR: SAR(1g) = 0.692 W/kg; SAR(10g) = 0.397 W/kg
Maximum value of SAR (interpolated) = 0.778 W/kg

Left-Hand-Side HSL - GSM_DTM 1900/Touch Position -DTM 1900_2-slots_chan810_amb_temp_23.8C_liq_temp_21.5C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.179 V/m; **Power Drift = -0.014 dB**

Averaged SAR: SAR(1g) = 0.700 W/kg; SAR(10g) = 0.428 W/kg
Maximum value of SAR (interpolated) = 1.07 W/kg



0 dB = 0.770 W/kg = -1.14 dBW/kg

UMTS Band II

Date: 2/6/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Right-Hand-Side HSL - UMTS II

Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.409 S/m; ε_r = 40.174; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

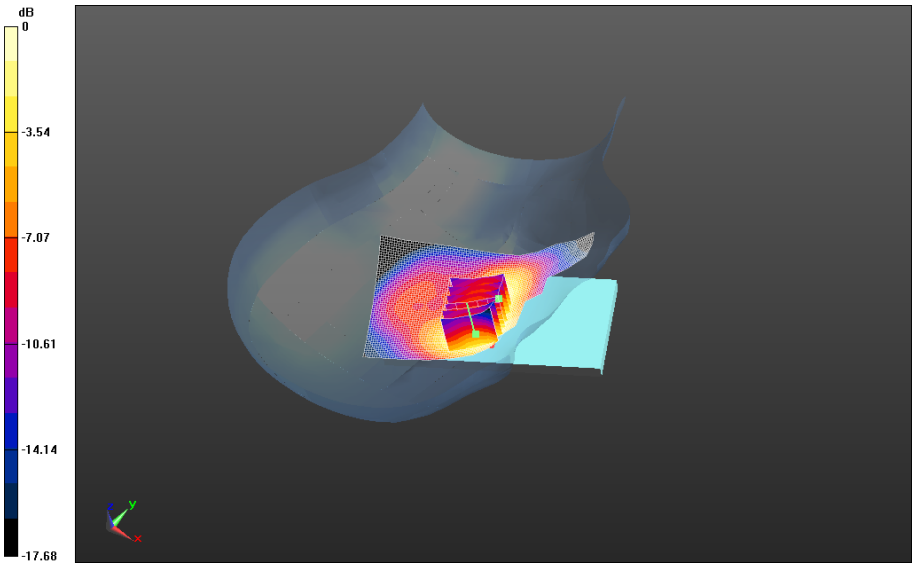
- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - UMTS II/Touch Position -UMTS II_chan9400_amb_temp_23.4C_liq_temp_21.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.838 V/m; **Power Drift = 0.047 dB**

Fast SAR: SAR(1g) = 0.605 W/kg; SAR(10g) = 0.368 W/kg
Maximum value of SAR (interpolated) = 0.653 W/kg

Right-Hand-Side HSL - UMTS II/Touch Position -UMTS II_chan9400_amb_temp_23.4C_liq_temp_21.2C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.838 V/m; **Power Drift = 0.047 dB**

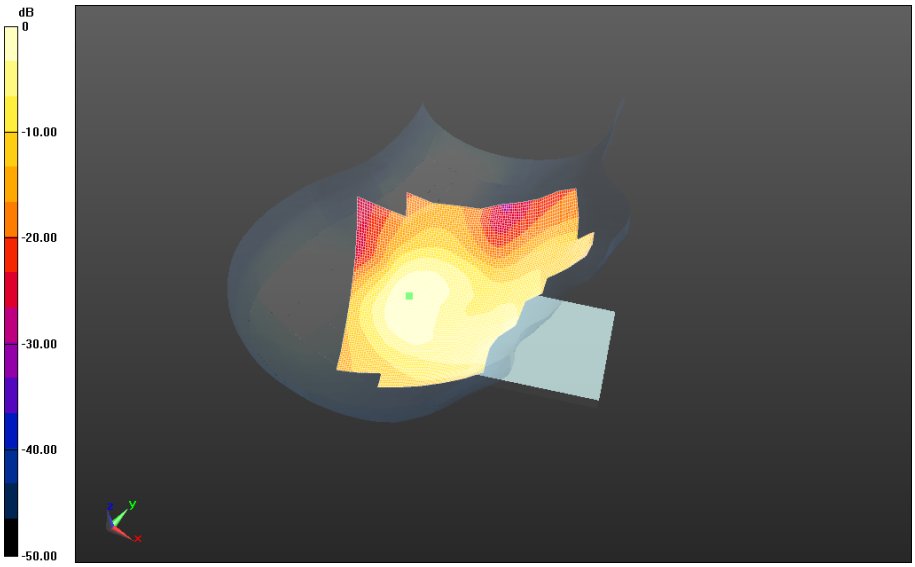
Averaged SAR: SAR(1g) = 0.595 W/kg; SAR(10g) = 0.398 W/kg
Maximum value of SAR (interpolated) = 0.824 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg

Right-Hand-Side HSL - UMTS II/Tilt Position -UMTS II_chan9400_amb_temp_23.4C_liq_temp_21.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.319 V/m; **Power Drift = 0.027 dB**

Fast SAR: SAR(1g) = 0.327 W/kg; SAR(10g) = 0.195 W/kg
Maximum value of SAR (interpolated) = 0.371 W/kg



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

Date: 2/6/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFE7836

Configuration: Left-Hand-Side HSL - UMTS II

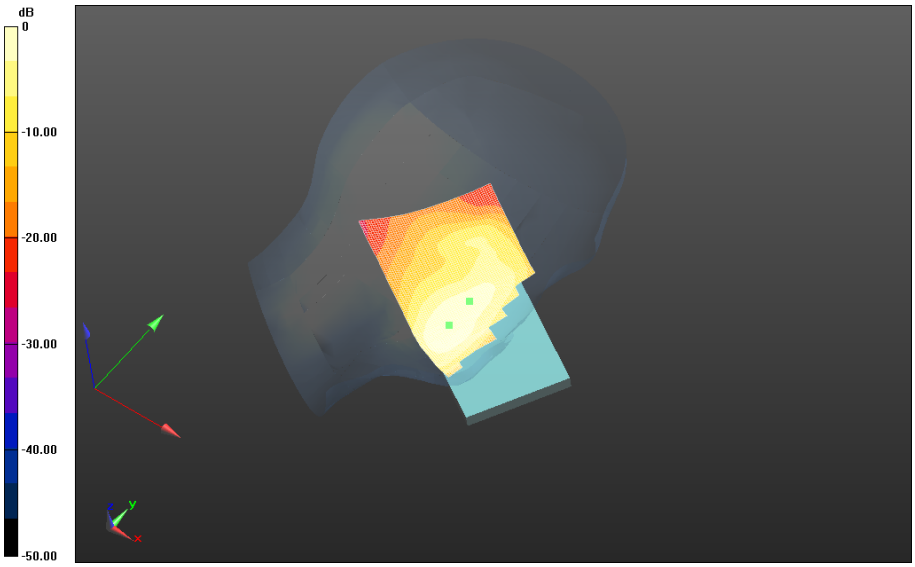
Communication System: WCDMA FDD II (0); Communication System Band: UMTS FDD II;
Frequency: 1852.4 MHz
Medium Parameters used: f=1852.4 MHz; σ = 1.379 S/m; ε_r = 40.263; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.17,5.17,5.17); Calibrated: 3/10/2014;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9262_amb_temp_23.4C_liq_temp_21.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.142 V/m; **Power Drift = -0.0088 dB**

Fast SAR: SAR(1g) = 0.856 W/kg; SAR(10g) = 0.501 W/kg
Maximum value of SAR (interpolated) = 0.943 W/kg



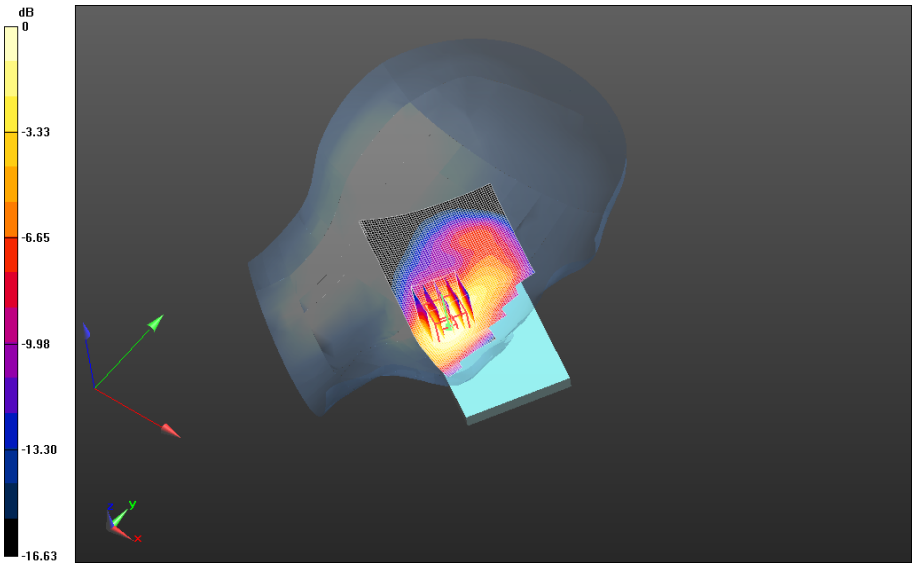
0 dB = 0.943 W/kg = -0.25 dBW/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9400_amb_temp_23.4C_liq_temp_21.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.027 V/m; **Power Drift = 0.244 dB**

Fast SAR: SAR(1g) = 0.990 W/kg; SAR(10g) = 0.576 W/kg
Maximum value of SAR (interpolated) = 1.11 W/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9400_amb_temp_23.4C_liq_temp_21.1C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.027 V/m; **Power Drift = 0.244 dB**

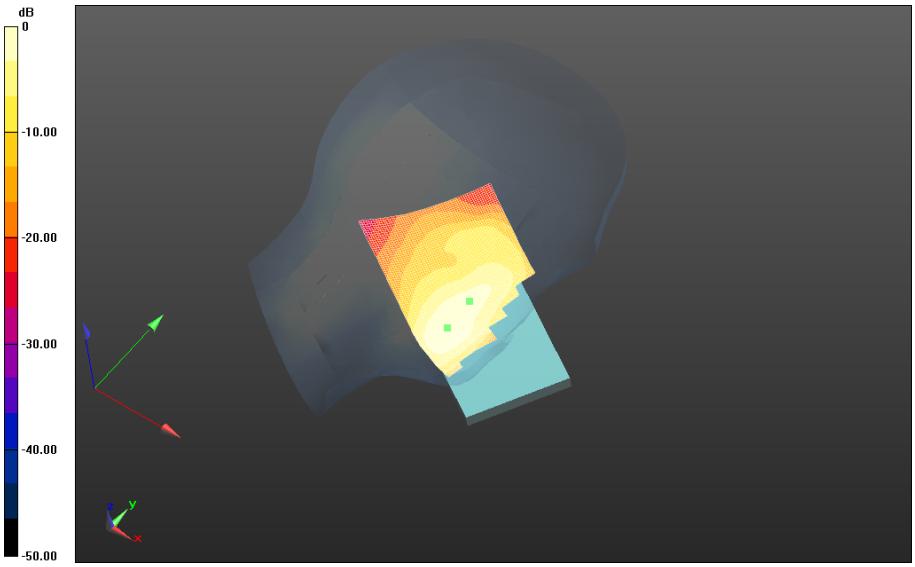
Averaged SAR: SAR(1g) = 0.961 W/kg; SAR(10g) = 0.603 W/kg
Maximum value of SAR (interpolated) = 1.41 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS II_chan9538_amb_temp_23.4C_liq_temp_21.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.923 V/m; **Power Drift = 0.125 dB**

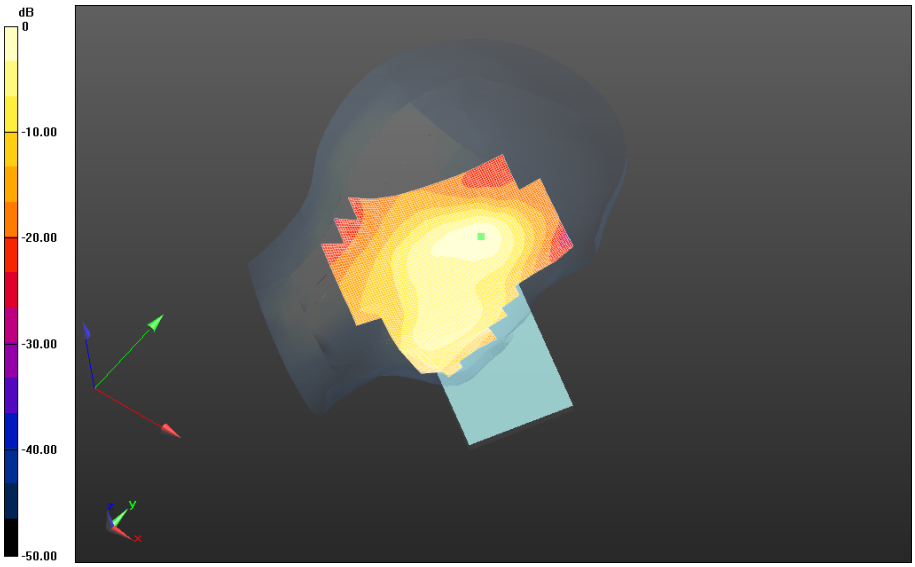
Fast SAR: SAR(1g) = 0.822 W/kg; SAR(10g) = 0.477 W/kg
Maximum value of SAR (interpolated) = 0.919 W/kg



0 dB = 0.919 W/kg = -0.37 dBW/kg

Left-Hand-Side HSL - UMTS II/Tilt Position - UMTS II_chan9400_amb_temp_23.8C_liq_temp_21.1C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.980 V/m; **Power Drift = 0.084 dB**

Fast SAR: SAR(1g) = 0.476 W/kg; SAR(10g) = 0.274 W/kg
Maximum value of SAR (interpolated) = 0.628 W/kg



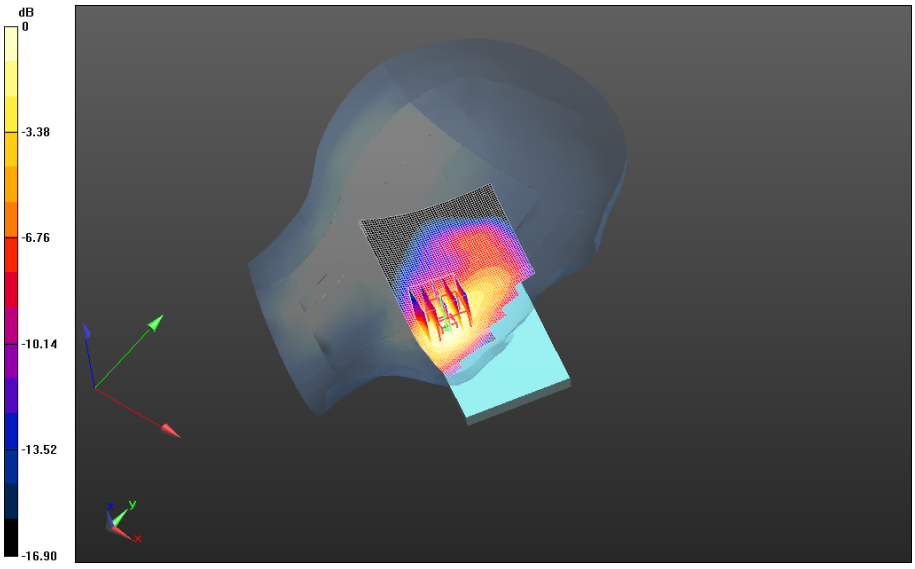
0 dB = 0.628 W/kg = -2.02 dBW/kg

Left-Hand-Side HSL - UMTS II/2nd Scan Touch Position - UMTS II_chan9400_amb_temp_23.6C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.308 V/m; **Power Drift = 0.031 dB**

Fast SAR: SAR(1g) = 1.01 W/kg; SAR(10g) = 0.584 W/kg
Maximum value of SAR (interpolated) = 1.13 W/kg

Left-Hand-Side HSL - UMTS II/2nd Scan Touch Position - UMTS II_chan9400_amb_temp_23.6C_liq_temp_21.3C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.308 V/m; **Power Drift = 0.031 dB**

Averaged SAR: SAR(1g) = 1.01 W/kg; SAR(10g) = 0.628 W/kg
Maximum value of SAR (interpolated) = 1.49 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg