APPENDIX C1: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

LTE Band 17

Date: 7/8/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn HSL - LTE Band 17

Communication System: LTE band 17 (0); Communication System Band: LTE 17; Frequency: 709 MHz
Medium Parameters used: f=709 MHz; σ = 0.927 S/m; ε_r = 55.625; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

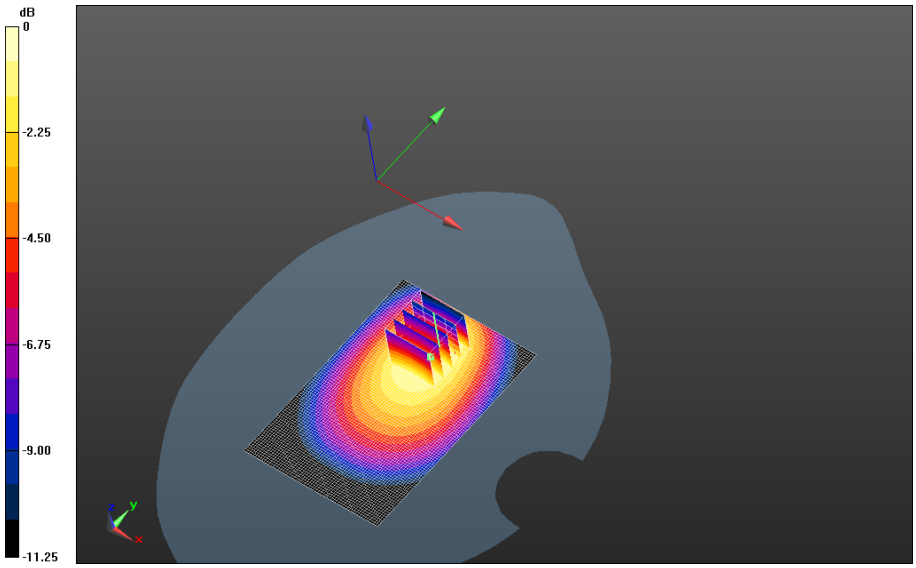
- Probe: ES3DV3 - SN3225; ConvF: (6.28,6.28,6.28); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn HSL - LTE Band 17/15mm Device Back -LTE Band 17_chan23780_10MHz_BW_RB1_Offset_High_amb_temp_23.4C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.025 V/m; **Power Drift = -0.014 dB**

Fast SAR: SAR(1g) = 0.405 W/kg; SAR(10g) = 0.275 W/kg
Maximum value of SAR (interpolated) = 0.450 W/kg

Body Worn HSL - LTE Band 17/15mm Device Back -LTE Band 17_chan23780_10MHz_BW_RB1_Offset_High_amb_temp_23.4C_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 = 18.025 V/m; **Power Drift = -0.014 dB**

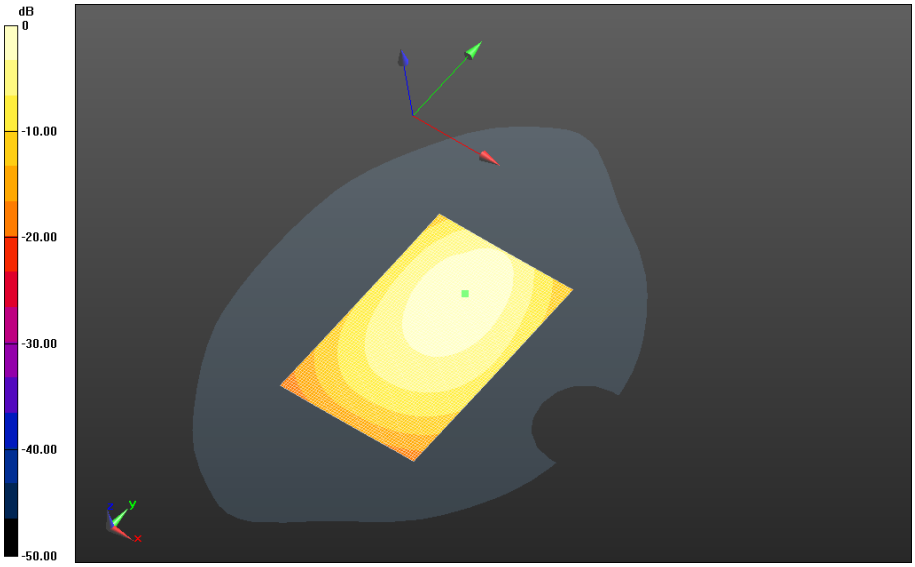
Averaged SAR: SAR(1g) = 0.412 W/kg; SAR(10g) = 0.283 W/kg
Maximum value of SAR (interpolated) = 0.587 W/kg



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

Body Worn HSL - LTE Band 17/15mm Device Back -LTE Band 17_chan23790_10MHz_BW_RB1_Offset_Mid_amb_temp_23.3C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.654 V/m; **Power Drift = 0.132 dB**

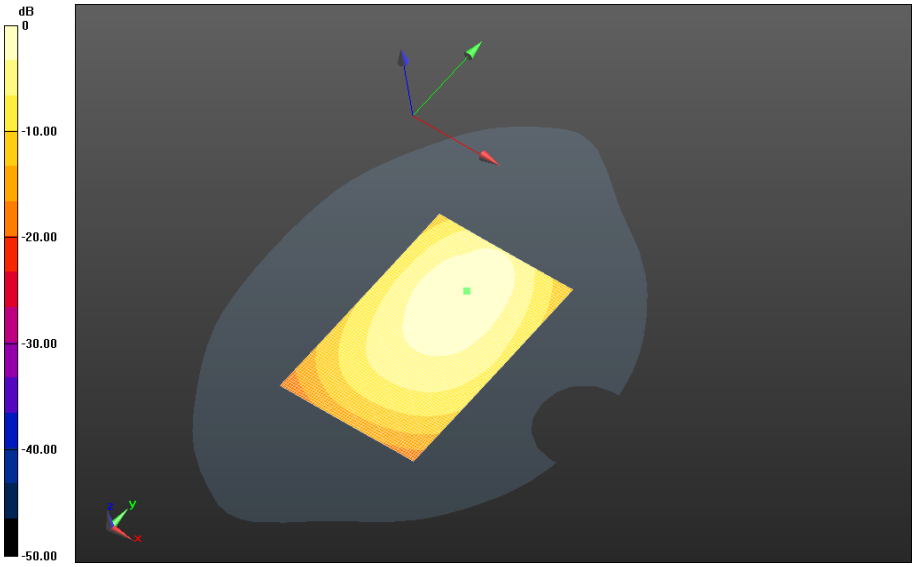
Fast SAR: SAR(1g) = 0.398 W/kg; SAR(10g) = 0.272 W/kg
Maximum value of SAR (interpolated) = 0.440 W/kg



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

Body Worn HSL - LTE Band 17/15mm Device Back -LTE Band 17_chan23800_10MHz_BW_RB1_Offset_Low_amb_temp_23.1C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 17.614 V/m; **Power Drift = 0.106 dB**

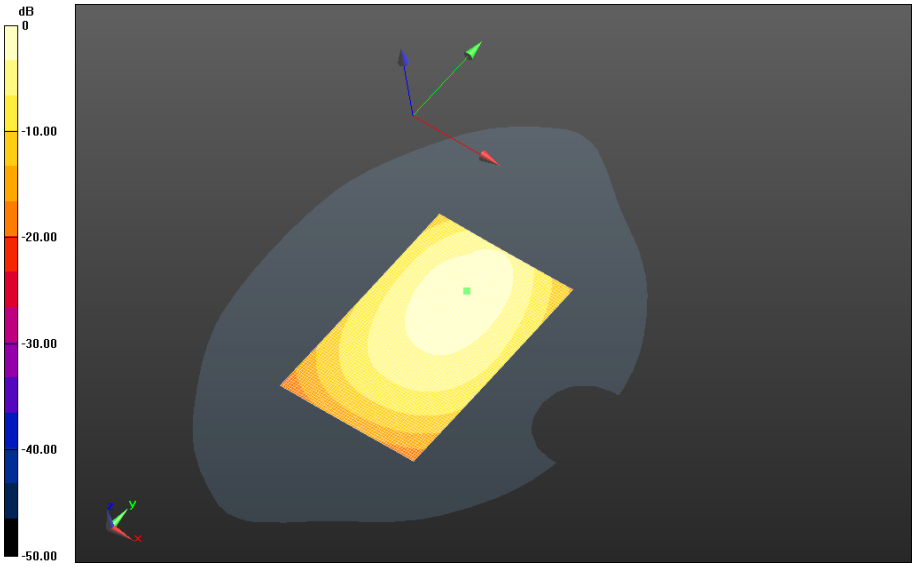
Fast SAR: SAR(1g) = 0.398 W/kg; SAR(10g) = 0.271 W/kg
Maximum value of SAR (interpolated) = 0.444 W/kg



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

Body Worn HSL - LTE Band 17/15mm Device Back -LTE Band 17_chan23780_10MHz_BW_RB25_Offset_High_amb_temp_23.2C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.641 V/m; **Power Drift = 0.146 dB**

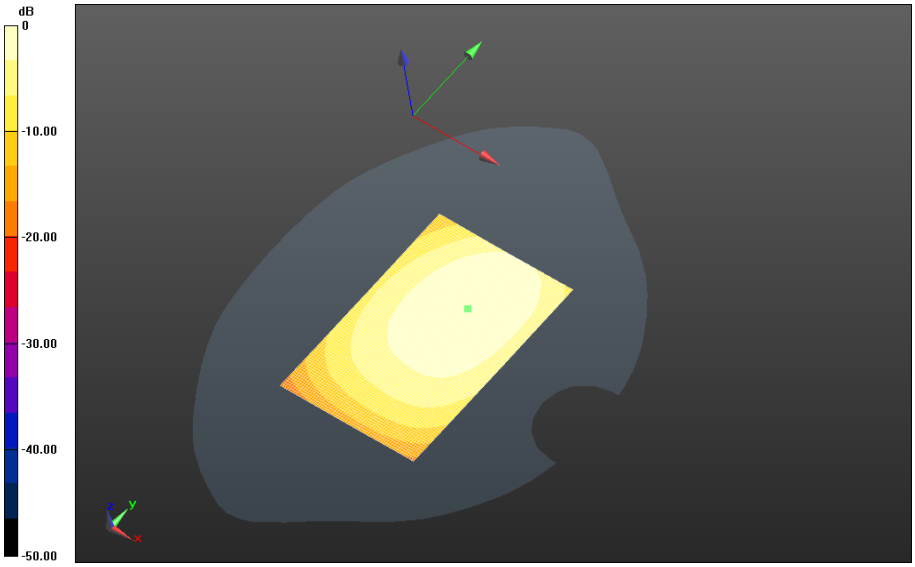
Fast SAR: SAR(1g) = 0.320 W/kg; SAR(10g) = 0.215 W/kg
Maximum value of SAR (interpolated) = 0.359 W/kg



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

Body Worn HSL - LTE Band 17/15mm Device Front -LTE Band 17_chan23800_10MHz_BW_RB1_Offset_Low_amb_temp_23.2C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.343 V/m; **Power Drift = -0.018 dB**

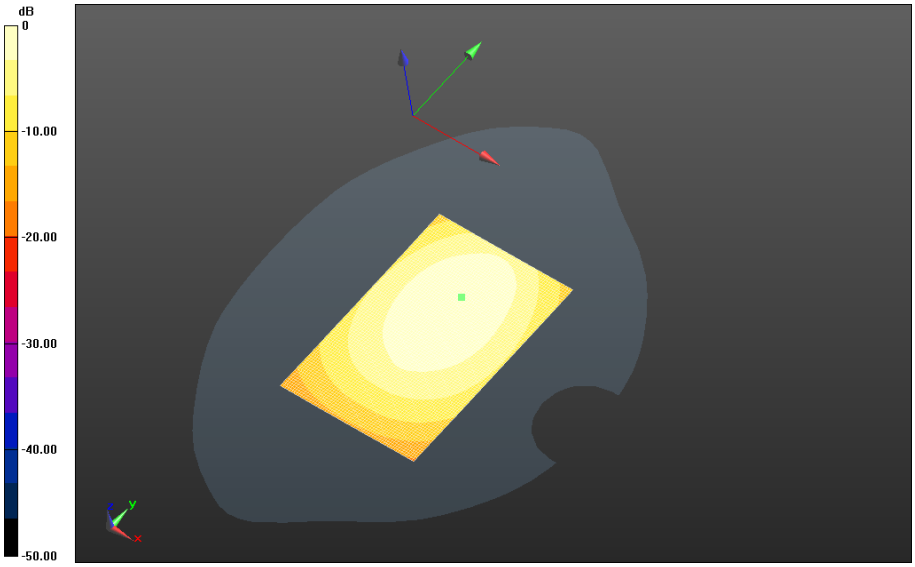
Fast SAR: SAR(1g) = 0.246 W/kg; SAR(10g) = 0.173 W/kg
Maximum value of SAR (interpolated) = 0.269 W/kg



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

Body Worn HSL - LTE Band 17/Holster Device Back -LTE Band 17_chan23800_10MHz_BW_RB1_Offset_Low_amb_temp_23.4C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.489 V/m; **Power Drift = -0.024 dB**

Fast SAR: SAR(1g) = 0.267 W/kg; SAR(10g) = 0.186 W/kg
Maximum value of SAR (interpolated) = 0.296 W/kg



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

LTE Band 5

Date: 7/3/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn MSL - LTE Band 5

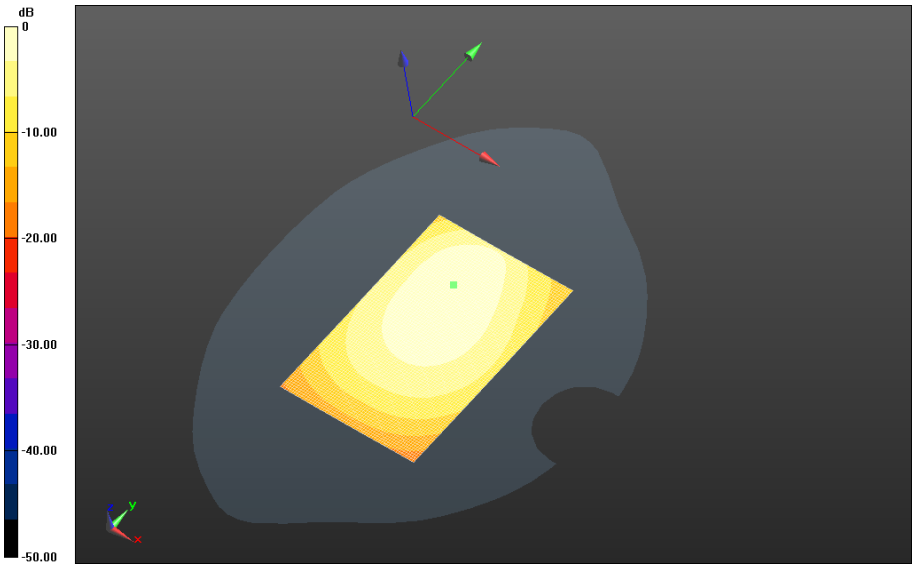
Communication System: LTE 5 (0); Communication System Band: LTE 5; Frequency: 829 MHz
Medium Parameters used: f=829 MHz; σ = 0.991 S/m; ε_r = 57.559; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.09,6.09,6.09); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - LTE Band 5/15mm Device Back - LTE Band 5_chan20450_10MHz_BW_RB1_Offset_Low_amb_temp_24.1C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.009 V/m; **Power Drift = -0.00696 dB**

Fast SAR: SAR(1g) = 0.502 W/kg; SAR(10g) = 0.342 W/kg
Maximum value of SAR (interpolated) = 0.577 W/kg



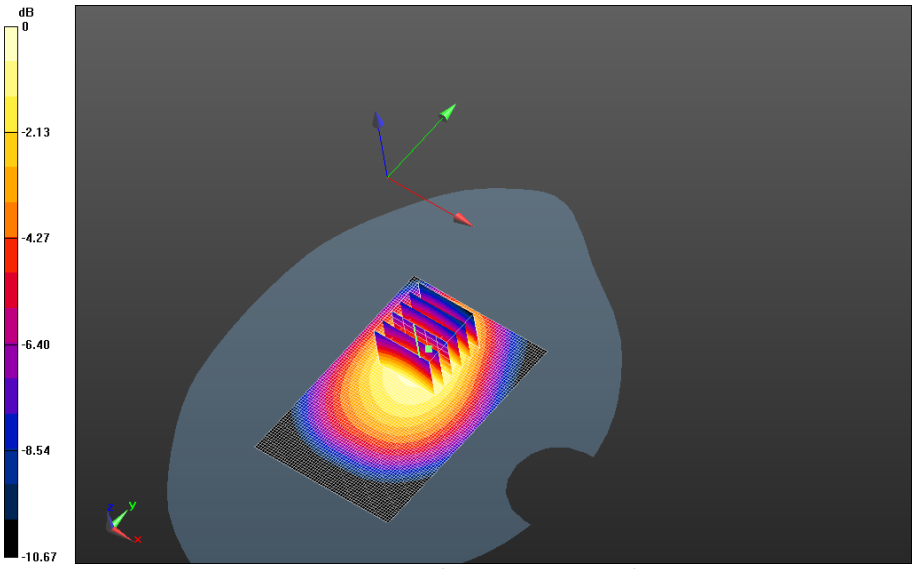
0 dB = 0.577 W/kg = -2.39 dBW/kg

Body Worn MSL - LTE Band 5/15mm Device Back - LTE Band 5_chan20525_10MHz_BW_RB1_Offset_Mid_amb_temp_24.1C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.000 V/m; **Power Drift = -0.022 dB**

Fast SAR: SAR(1g) = 0.522 W/kg; SAR(10g) = 0.358 W/kg
Maximum value of SAR (interpolated) = 0.594 W/kg

Body Worn MSL - LTE Band 5/15mm Device Back - LTE Band 5_chan20525_10MHz_BW_RB1_Offset_Mid_amb_temp_24.1C_liq_temp_21.9C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 22.000 V/m; **Power Drift = -0.022 dB**

Averaged SAR: SAR(1g) = 0.513 W/kg; SAR(10g) = 0.370 W/kg
Maximum value of SAR (interpolated) = 0.709 W/kg



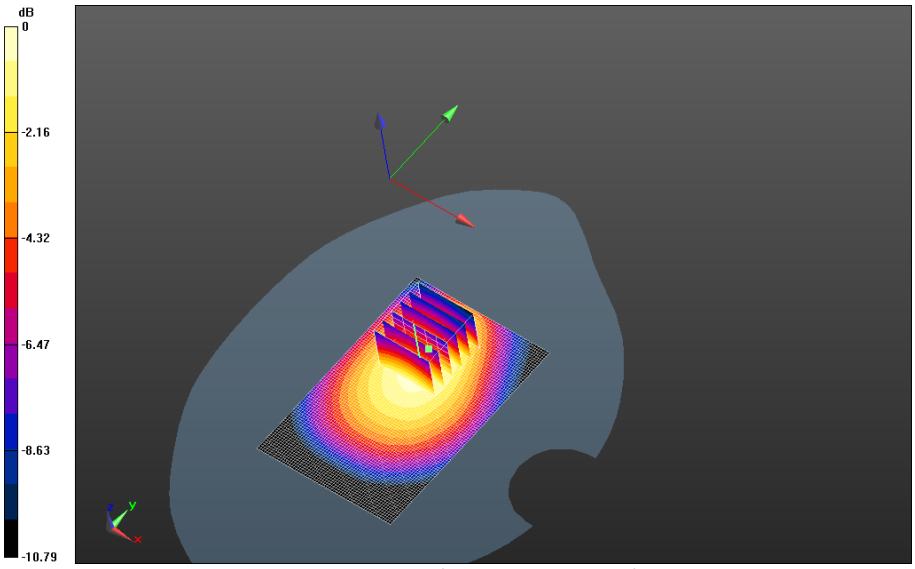
0 dB = 0.577 W/kg = -2.39 dBW/kg

Body Worn MSL - LTE Band 5/15mm Device Back - LTE Band 5_chan20600_10MHz_BW_RB1_Offset_Low_amb_temp_24.1C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.976 V/m; **Power Drift = -0.013 dB**

Fast SAR: SAR(1g) = 0.526 W/kg; SAR(10g) = 0.358 W/kg
Maximum value of SAR (interpolated) = 0.601 W/kg

Body Worn MSL - LTE Band 5/15mm Device Back - LTE Band 5_chan20600_10MHz_BW_RB1_Offset_Low_amb_temp_24.1C_liq_temp_21.9C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 21.976 V/m; **Power Drift = -0.013 dB**

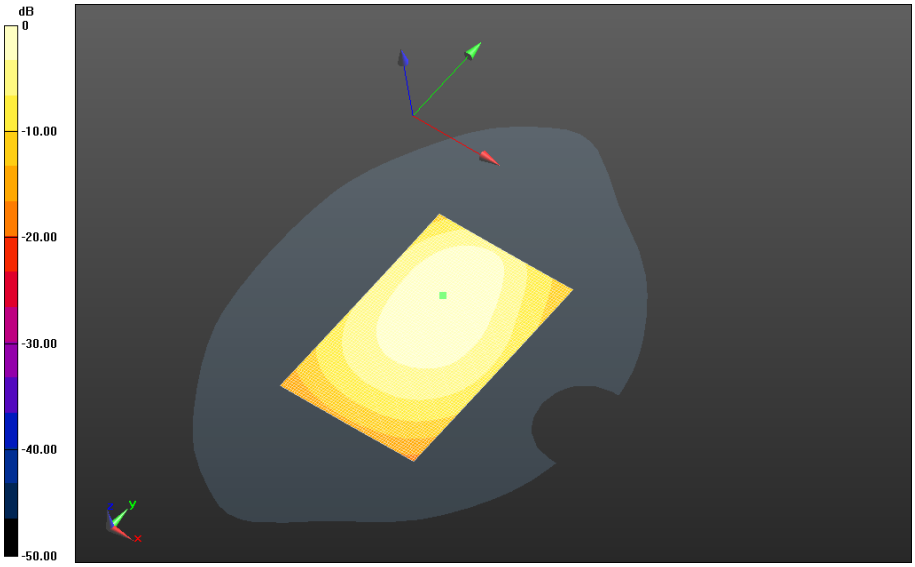
Averaged SAR: SAR(1g) = 0.512 W/kg; SAR(10g) = 0.371 W/kg
Maximum value of SAR (interpolated) = 0.696 W/kg



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

Body Worn MSL - LTE Band 5/15mm Device Back - LTE Band 5_chan20450_10MHz_BW_RB25_Offset_Low_amb_temp_24.1C_liq_temp_22.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 18.536 V/m; **Power Drift = 0.096 dB**

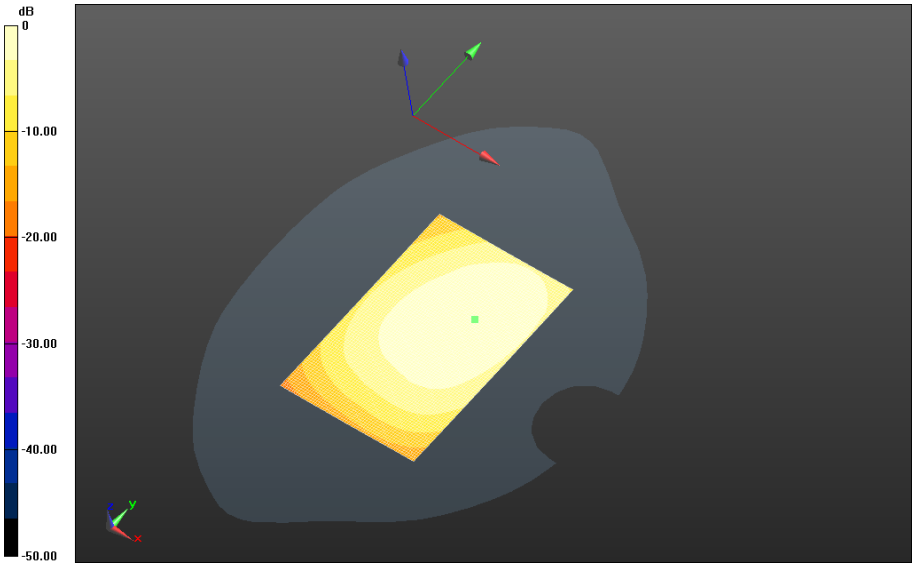
Fast SAR: SAR(1g) = 0.379 W/kg; SAR(10g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 0.429 W/kg



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

Body Worn MSL - LTE Band 5/15mm Device Front - LTE Band 5_chan20450_10MHz_BW_RB1_Offset_Low_amb_temp_24.1C_liq_temp_22.0C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.256 V/m; **Power Drift = 0.017 dB**

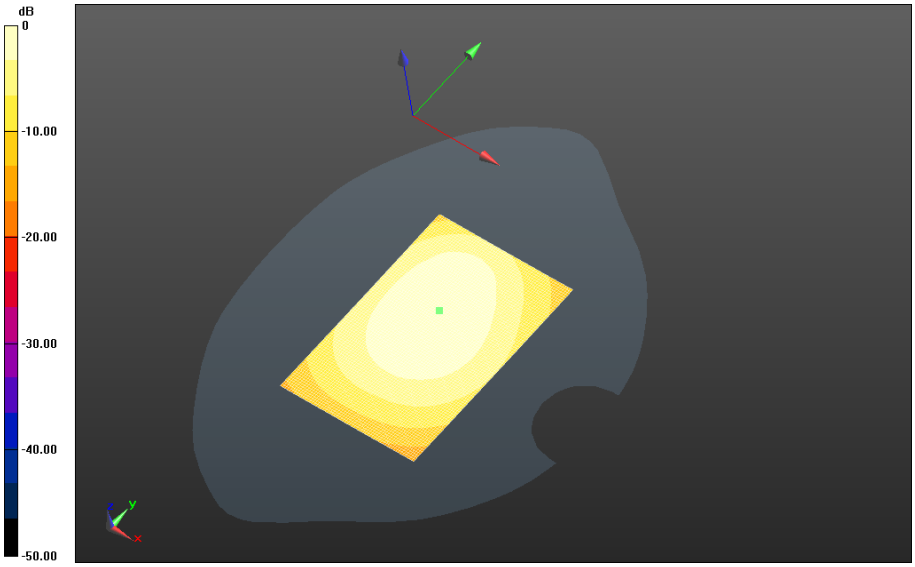
Fast SAR: SAR(1g) = 0.373 W/kg; SAR(10g) = 0.261 W/kg
Maximum value of SAR (interpolated) = 0.423 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

Body Worn MSL - LTE Band 5/Holster Device Back - LTE Band 5_chan20450_10MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.315 V/m; **Power Drift = -0.043 dB**

Fast SAR: SAR(1g) = 0.441 W/kg; SAR(10g) = 0.306 W/kg
Maximum value of SAR (interpolated) = 0.501 W/kg



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

EDGE/GPRS 850

Date: 7/4/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone R139, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn MSL - GPRS 850

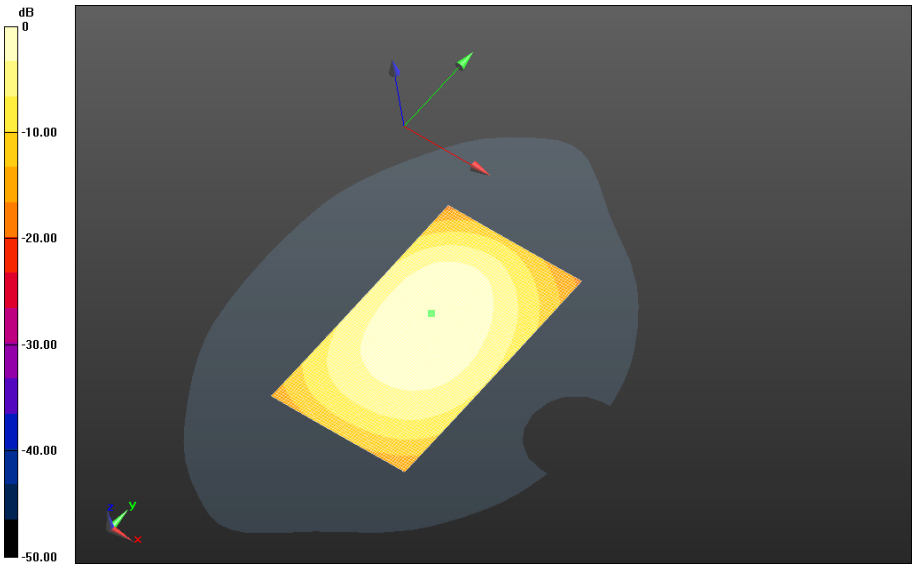
Communication System: GSM 850 (0); Communication System Band: GSM 850; Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.986 S/m; ε_r = 57.621; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.09,6.09,6.09); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_1-slot _chan128_amb_temp_22.8C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.963 V/m; **Power Drift = -0.039 dB**

Fast SAR: SAR(1g) = 0.619 W/kg; SAR(10g) = 0.431 W/kg
Maximum value of SAR (interpolated) = 0.701 W/kg



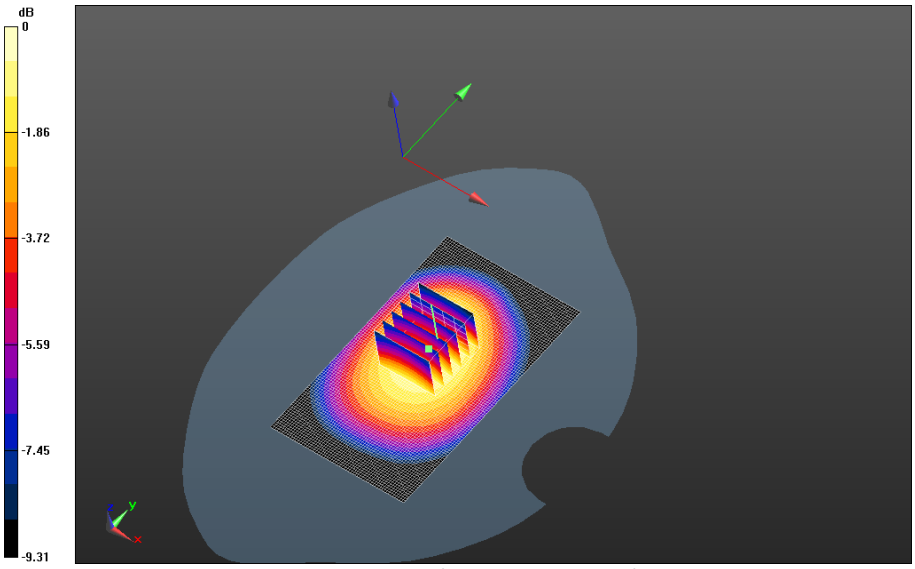
0 dB = 0.701 W/kg = -1.54 dBW/kg

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_1-slot _chan190_amb_temp_22.8C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 26.548 V/m; **Power Drift = -0.120 dB**

Fast SAR: SAR(1g) = 0.634 W/kg; SAR(10g) = 0.443 W/kg
Maximum value of SAR (interpolated) = 0.718 W/kg

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_1-slot _chan190_amb_temp_22.8C_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 = 26.548 V/m; **Power Drift = -0.120 dB**

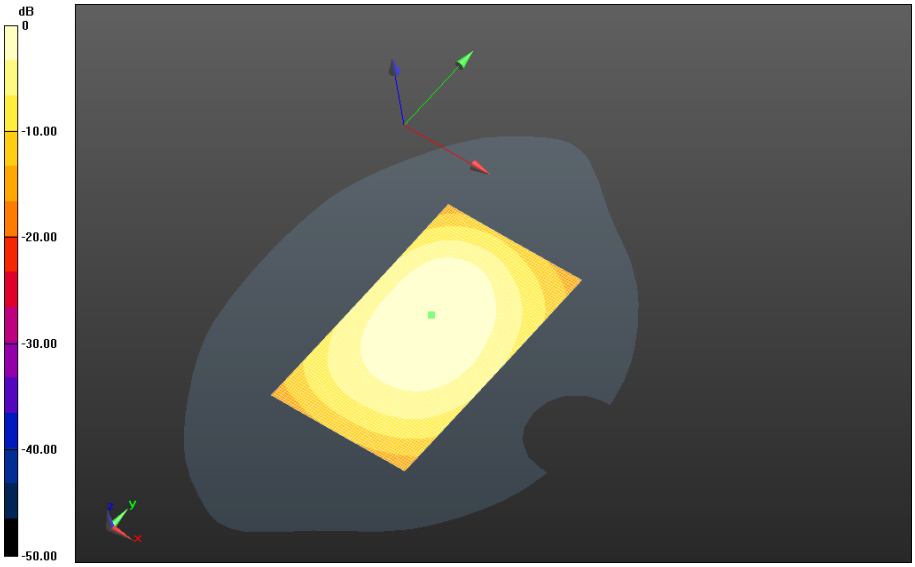
Averaged SAR: SAR(1g) = 0.658 W/kg; SAR(10g) = 0.484 W/kg
Maximum value of SAR (interpolated) = 0.888 W/kg



0 dB = 0.701 W/kg = -1.54 dBW/kg

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_1-slot _chan251_amb_temp_22.6C_liq_temp_21.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.030 V/m; **Power Drift = -0.015 dB**

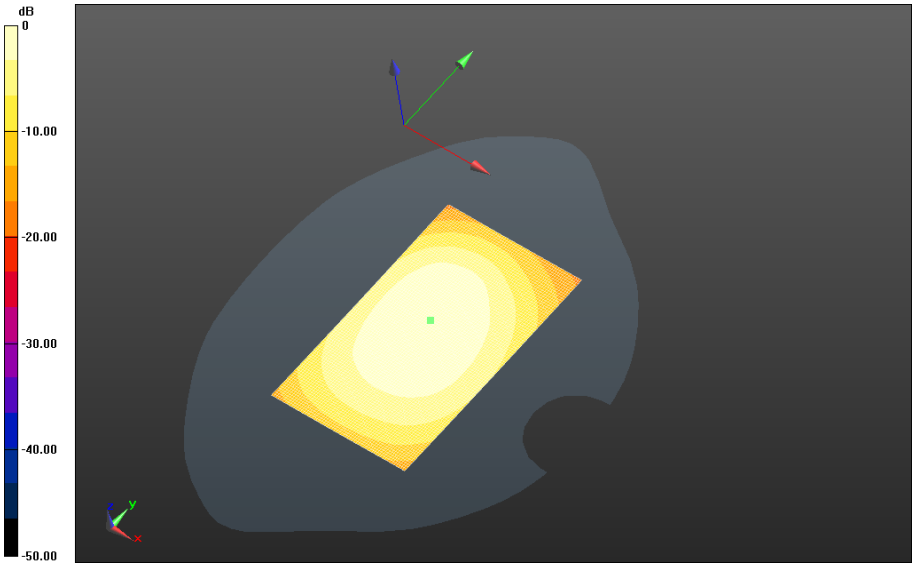
Fast SAR: SAR(1g) = 0.524 W/kg; SAR(10g) = 0.365 W/kg
Maximum value of SAR (interpolated) = 0.593 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_2-slots_chan190_amb_temp_22.8C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.681 V/m; **Power Drift = -0.010 dB**

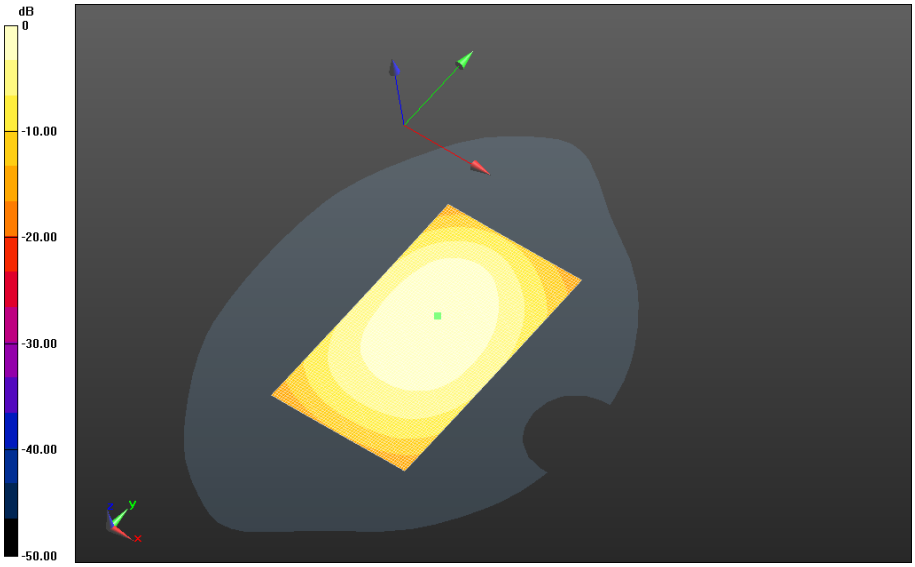
Fast SAR: SAR(1g) = 0.534 W/kg; SAR(10g) = 0.373 W/kg
Maximum value of SAR (interpolated) = 0.604 W/kg



0 dB = 0.593 W/kg = -2.27 dBW/kg

Body Worn MSL - GPRS 850/15mm Device Back - GPRS 850_3-slots_chan190 _amb_temp_22.8C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.671 V/m; **Power Drift = -0.332 dB**

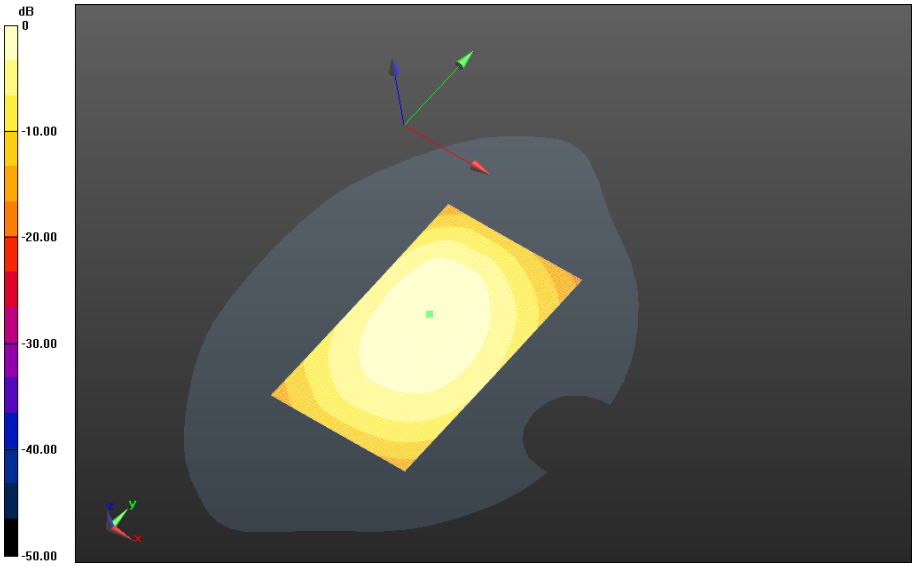
Fast SAR: SAR(1g) = 0.581 W/kg; SAR(10g) = 0.406 W/kg
Maximum value of SAR (interpolated) = 0.658 W/kg



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

Body Worn MSL - GPRS 850/15mm Device Back -GPRS 850_4-slots_chan190_amb_temp_22.9C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.099 V/m; **Power Drift = -0.192 dB**

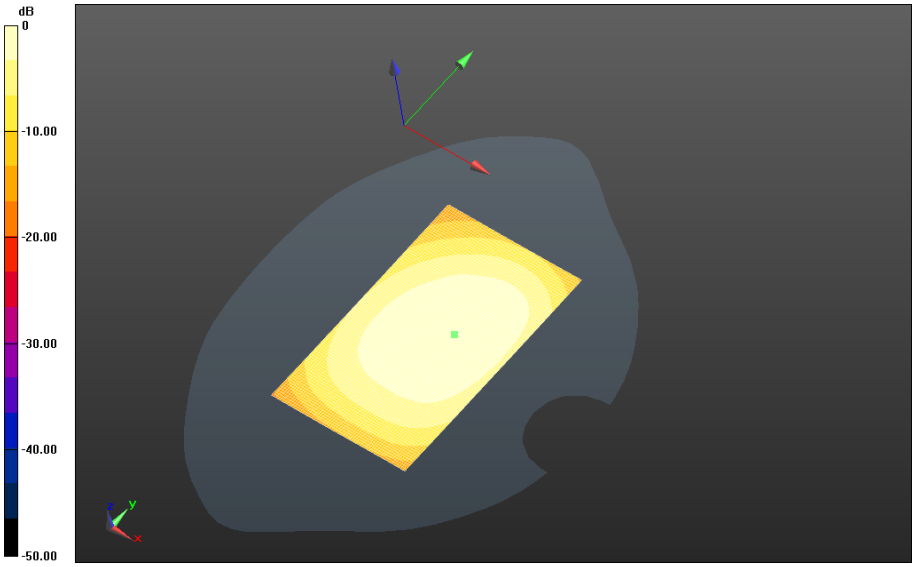
Fast SAR: SAR(1g) = 0.521 W/kg; SAR(10g) = 0.362 W/kg
Maximum value of SAR (interpolated) = 0.592 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg

Body Worn MSL - GPRS 850/15mm Device Front - GPRS 850_1-slot _chan190_amb_temp_22.9C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 23.741 V/m; **Power Drift = -0.00664 dB**

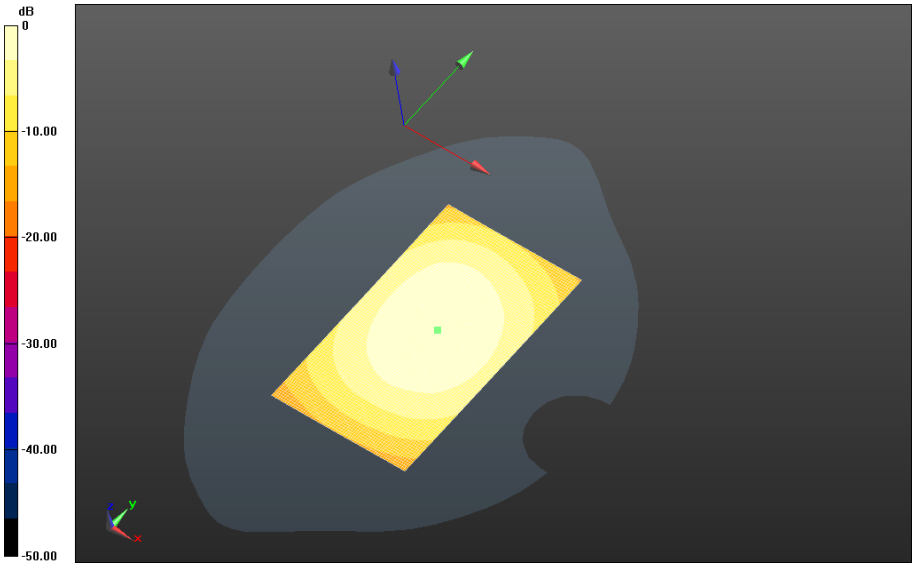
Fast SAR: SAR(1g) = 0.504 W/kg; SAR(10g) = 0.354 W/kg
Maximum value of SAR (interpolated) = 0.570 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

Body Worn MSL - GPRS 850/Holster Device Back - GPRS 850_1-slot _chan190_amb_temp_22.9C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.134 V/m; **Power Drift = -0.016 dB**

Fast SAR: SAR(1g) = 0.540 W/kg; SAR(10g) = 0.377 W/kg
Maximum value of SAR (interpolated) = 0.613 W/kg



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

UMTS Band V

Date: 7/3/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn MSL - UMTS band 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 = 0.988 S/m; ε_r = 57.599; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

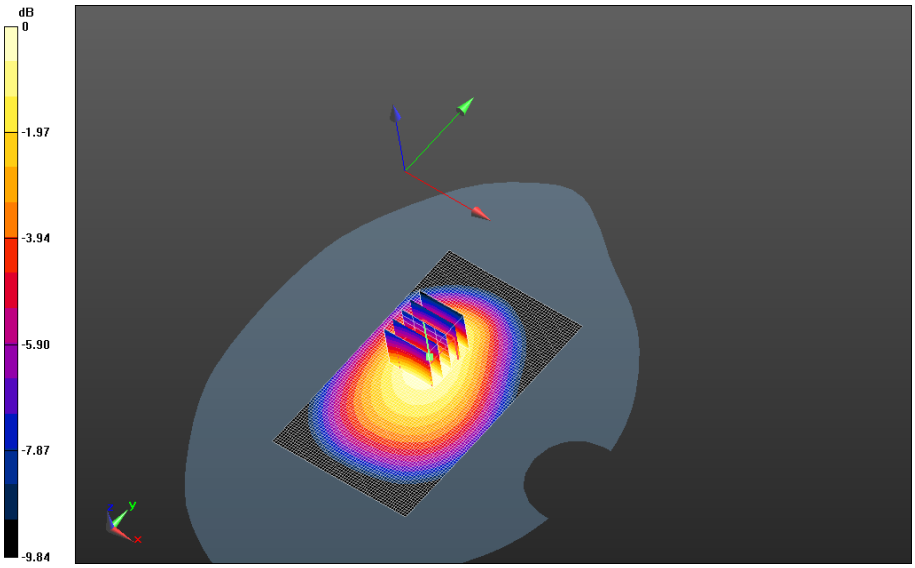
- Probe: ES3DV3 - SN3225; ConvF: (6.09,6.09,6.09); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - UMTS band V/15mm Device Back - UMTS band V_chan4132 _amb_temp_22.8C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.869 V/m; **Power Drift = 0.00155 dB**

Fast SAR: SAR(1g) = 0.640 W/kg; SAR(10g) = 0.441 W/kg
Maximum value of SAR (interpolated) = 0.729 W/kg

Body Worn MSL - UMTS band V/15mm Device Back - UMTS band V_chan4132 _amb_temp_22.8C_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 = 25.869 V/m; **Power Drift = 0.00155 dB**

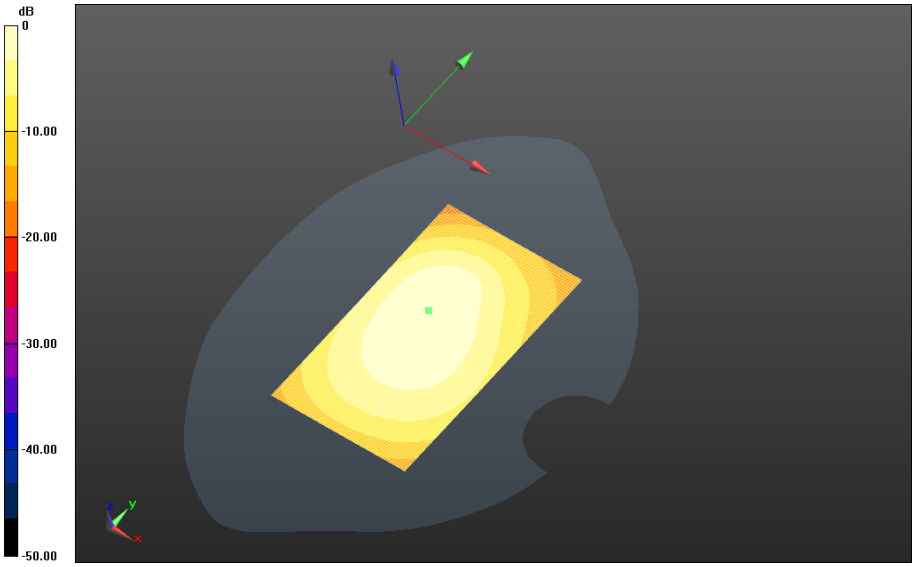
Averaged SAR: SAR(1g) = 0.635 W/kg; SAR(10g) = 0.458 W/kg
Maximum value of SAR (interpolated) = 0.864 W/kg



0 dB = 0.715 W/kg = -1.46 dBW/kg

Body Worn MSL - UMTS band V/15mm Device Back - UMTS band V_chan4182 _amb_temp_22.8C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.792 V/m; **Power Drift = -0.084 dB**

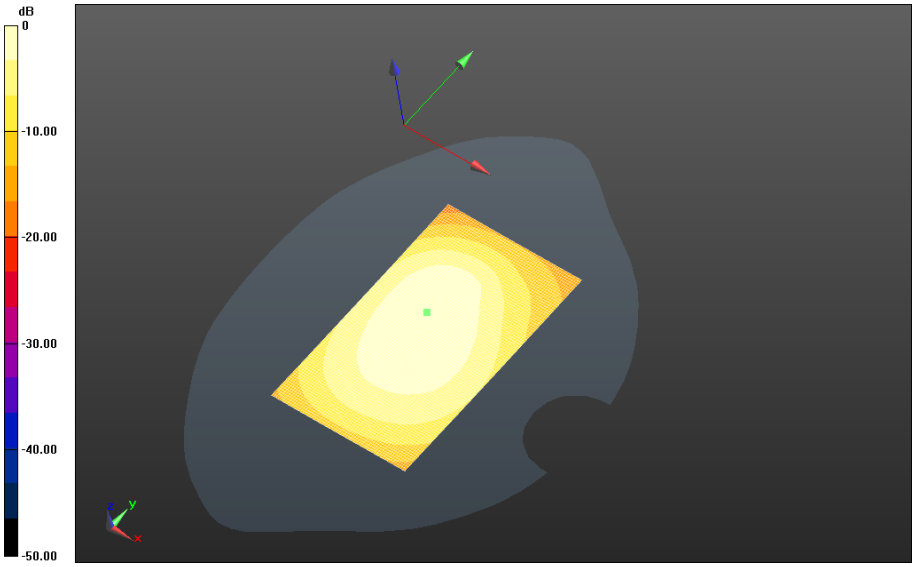
Fast SAR: SAR(1g) = 0.629 W/kg; SAR(10g) = 0.431 W/kg
Maximum value of SAR (interpolated) = 0.720 W/kg



0 dB = 0.715 W/kg = -1.46 dBW/kg

Body Worn MSL - UMTS band V/15mm Device Back - UMTS band V_chan4233 _amb_temp_22.8C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.816 V/m; **Power Drift = 0.00203 dB**

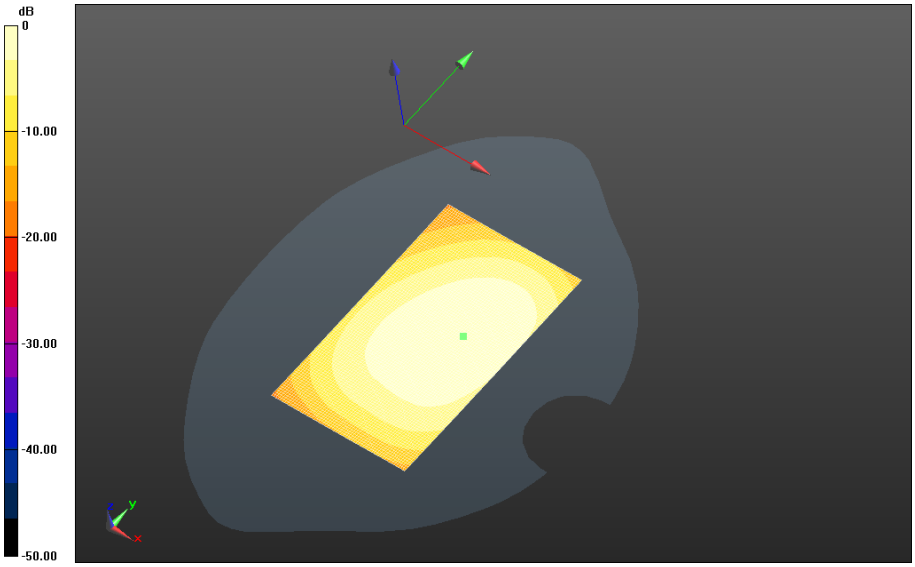
Fast SAR: SAR(1g) = 0.622 W/kg; SAR(10g) = 0.428 W/kg
Maximum value of SAR (interpolated) = 0.709 W/kg



0 dB = 0.720 W/kg = -1.43 dBW/kg

Body Worn MSL - UMTS band V/15mm Device Front - UMTS band V_chan4182 _amb_temp_22.7C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.784 V/m; **Power Drift = 0.035 dB**

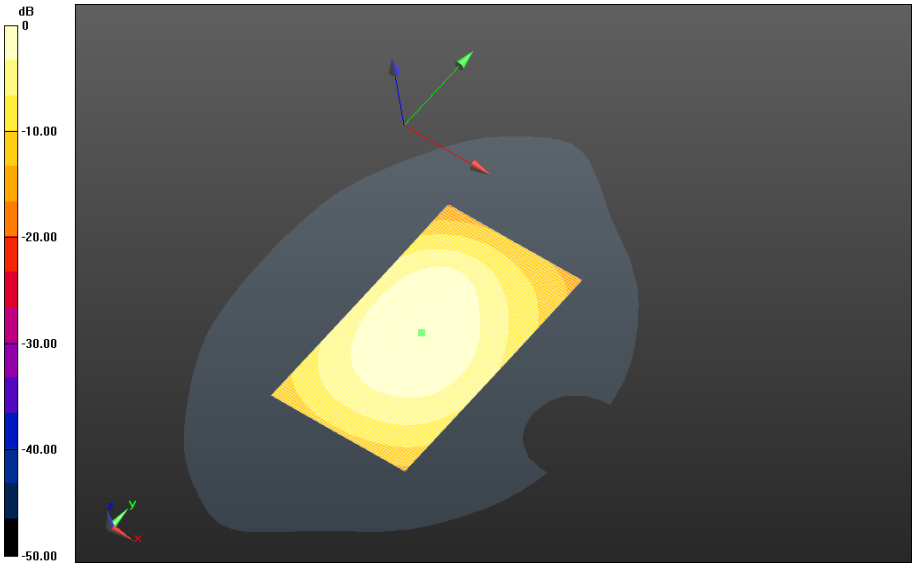
Fast SAR: SAR(1g) = 0.458 W/kg; SAR(10g) = 0.322 W/kg
Maximum value of SAR (interpolated) = 0.520 W/kg



0 dB = 0.709 W/kg = -1.49 dBW/kg

Body Worn MSL - UMTS band V/Holster Device Back - UMTS band V_chan4182 _amb_temp_22.8C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.303 V/m; **Power Drift = -0.043 dB**

Fast SAR: SAR(1g) = 0.535 W/kg; SAR(10g) = 0.374 W/kg
Maximum value of SAR (interpolated) = 0.607 W/kg



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

LTE Band 4

Date: 6/25/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn HSL - LTE Band 4

Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.503 S/m; ε_r = 50.905; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

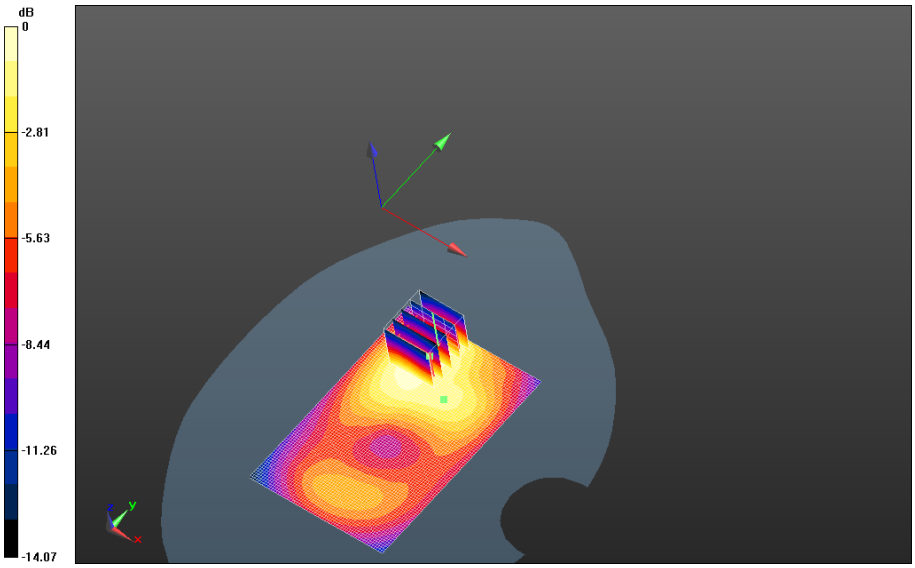
- Probe: ES3DV3 - SN3225; ConvF: (4.93,4.93,4.93); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn HSL - LTE Band 4/15mm Device Back - LTE Band 4_chan20050_20MHz_BW_RB1_Offset_High_amb_temp_22.9C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.390 V/m; **Power Drift = 0.077 dB**

Fast SAR: SAR(1g) = 0.693 W/kg; SAR(10g) = 0.421 W/kg
Maximum value of SAR (interpolated) = 0.835 W/kg

Body Worn HSL - LTE Band 4/15mm Device Back - LTE Band 4_chan20050_20MHz_BW_RB1_Offset_High_amb_temp_22.9C_liq_temp_22.8C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.390 V/m; **Power Drift = 0.077 dB**

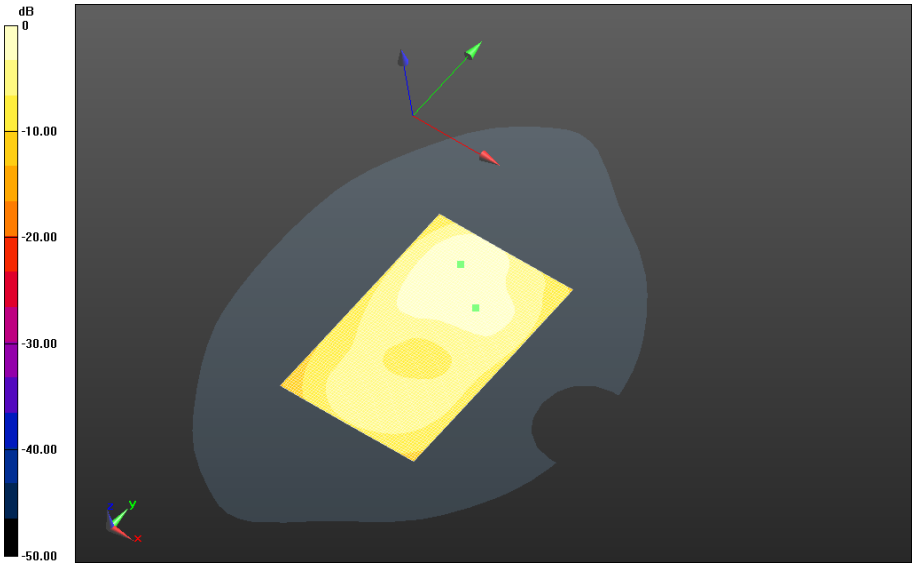
Averaged SAR: SAR(1g) = 0.674 W/kg; SAR(10g) = 0.403 W/kg
Maximum value of SAR (interpolated) = 1.09 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

Body Worn HSL - LTE Band 4/15mm Device Back - LTE Band 4_chan20175_20MHz_BW_RB1_Offset_Mid_amb_temp_22.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.327 V/m; **Power Drift = 0.016 dB**

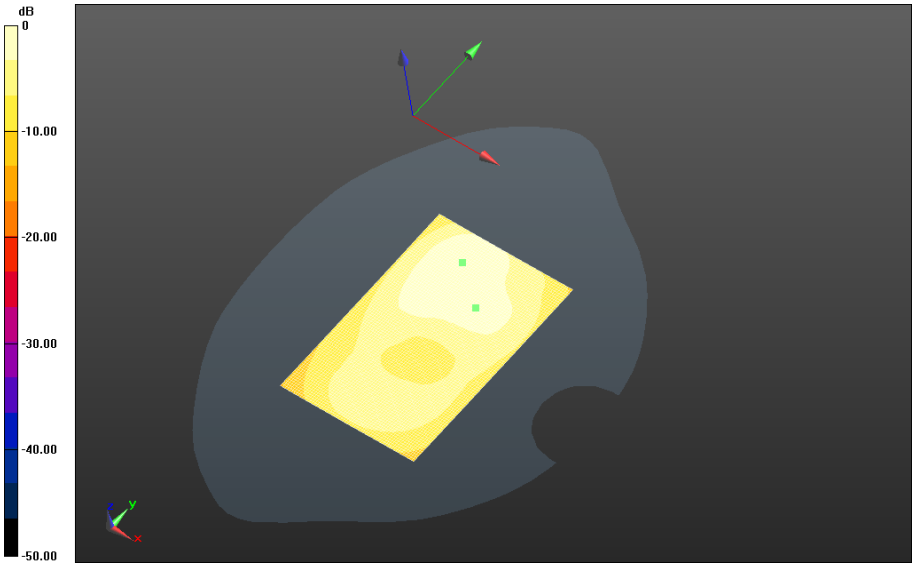
Fast SAR: SAR(1g) = 0.677 W/kg; SAR(10g) = 0.410 W/kg
Maximum value of SAR (interpolated) = 0.817 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

Body Worn HSL - LTE Band 4/15mm Device Back - LTE Band 4_chan20300_20MHz_BW_RB1_Offset_Low_amb_temp_23.2C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.097 V/m; **Power Drift = 0.00191 dB**

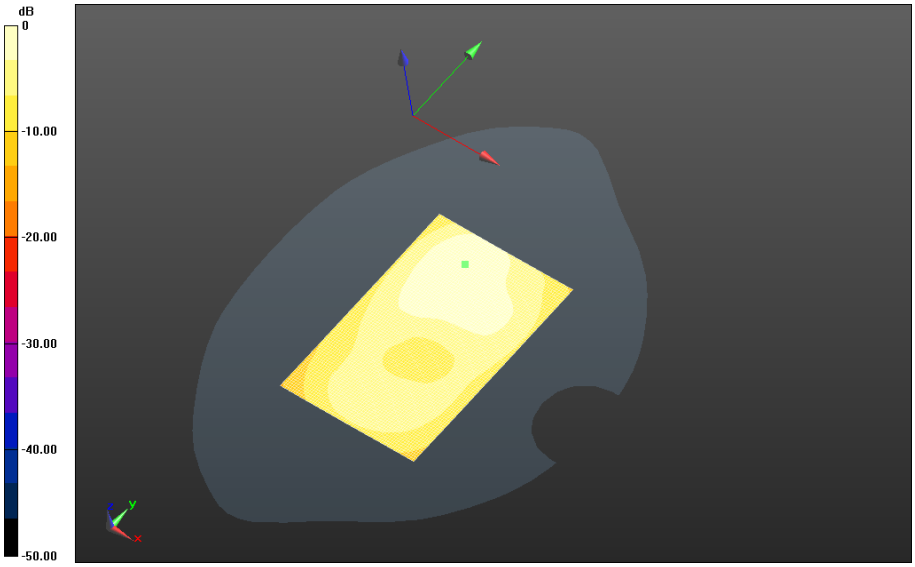
Fast SAR: SAR(1g) = 0.686 W/kg; SAR(10g) = 0.411 W/kg
Maximum value of SAR (interpolated) = 0.832 W/kg



0 dB = 0.817 W/kg = -0.88 dBW/kg

Body Worn HSL - LTE Band 4/15mm Device Back - LTE Band 4_chan20175_20MHz_BW_RB50_Offset_High_amb_temp_22.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.760 V/m; **Power Drift = 0.047 dB**

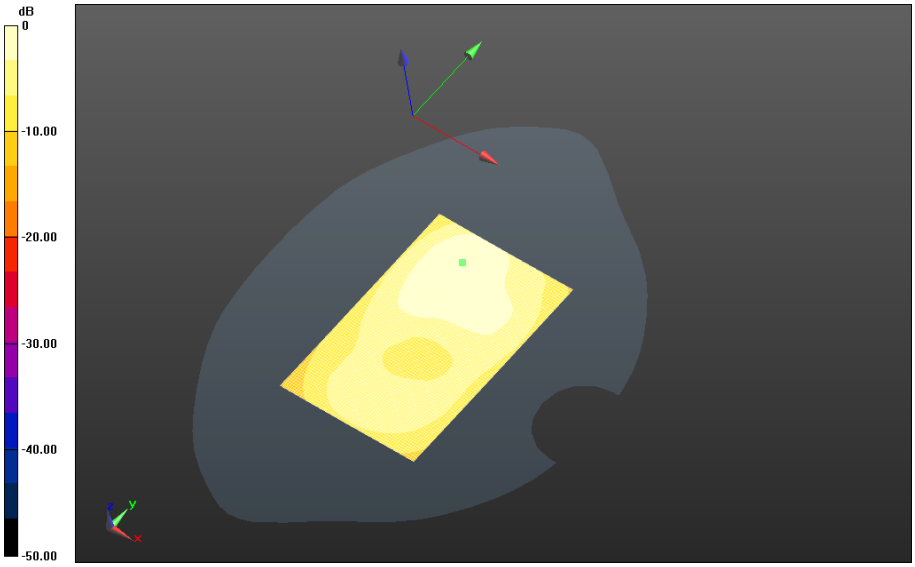
Fast SAR: SAR(1g) = 0.526 W/kg; SAR(10g) = 0.315 W/kg
Maximum value of SAR (interpolated) = 0.638 W/kg



0 dB = 0.832 W/kg = -0.80 dBW/kg

Body Worn HSL - LTE Band 4/15mm Device Back - LTE Band 4_chan20175_20MHz_BW_RB100_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 = 10.729 V/m; **Power Drift = 0.032 dB**

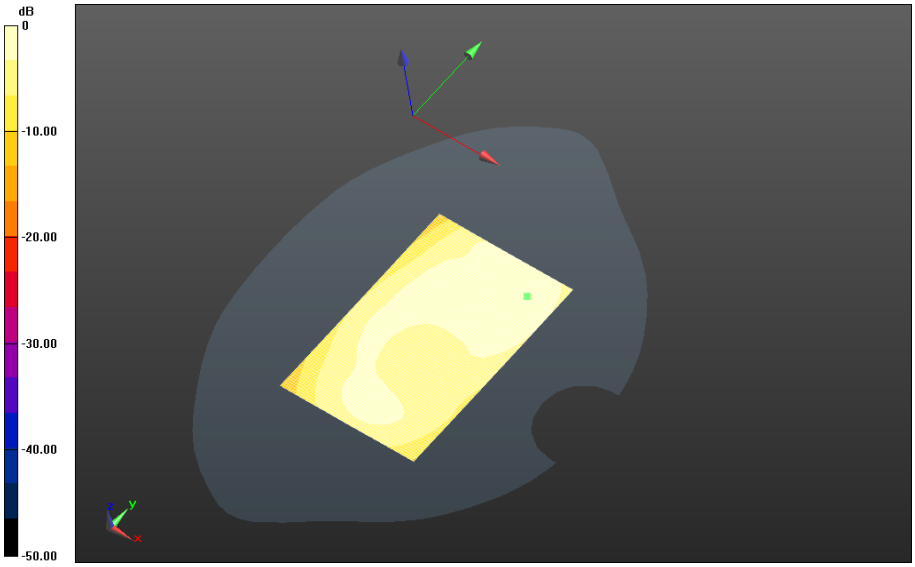
Fast SAR: SAR(1g) = 0.529 W/kg; SAR(10g) = 0.319 W/kg
Maximum value of SAR (interpolated) = 0.638 W/kg



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

Body Worn HSL - LTE Band 4/15mm Device Front - LTE Band 4_chan20050_20MHz_BW_RB1_Offset_High_amb_temp_22.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.312 V/m; **Power Drift = 0.032 dB**

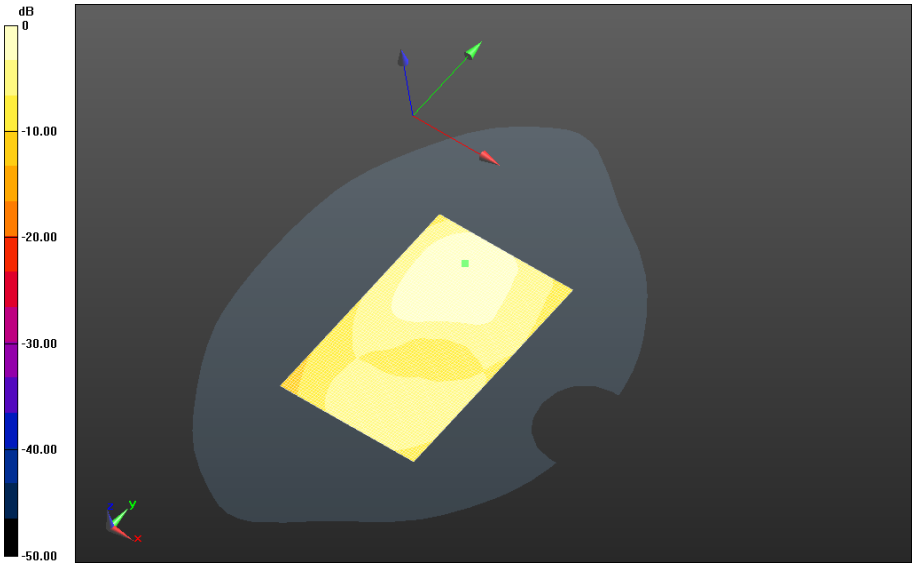
Fast SAR: SAR(1g) = 0.431 W/kg; SAR(10g) = 0.265 W/kg
Maximum value of SAR (interpolated) = 0.521 W/kg



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

Body Worn HSL - LTE Band 4/Holster Device Back - LTE Band 4_chan20050_20MHz_BW_RB1_Offset_High_amb_temp_22.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.256 V/m; **Power Drift = -0.00172 dB**

Fast SAR: SAR(1g) = 0.434 W/kg; SAR(10g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 0.526 W/kg



0 dB = 0.521 W/kg = -2.83 dBW/kg

LTE Band 2

Date: 7/8/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn HSL - LTE Band 2

Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.478 S/m; ε_r = 50.829; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

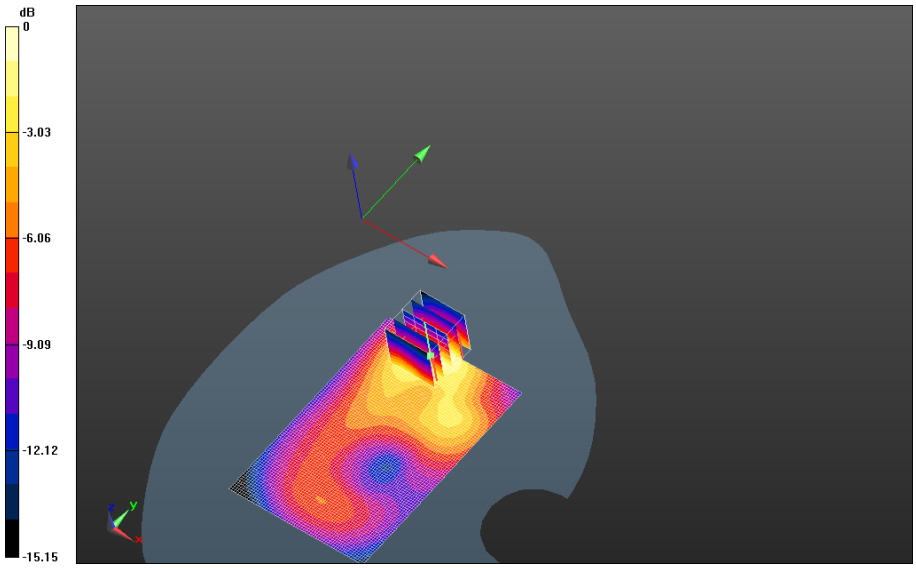
- Probe: ES3DV3 - SN3225; ConvF: (4.93,4.93,4.93); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn HSL - LTE Band 2/15mm Device Back - LTE Band 2_chan18700_20MHz_BW_RB1_Offset_Low_amb_temp_22.9C_liq_temp_22.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.977 V/m; **Power Drift = -0.141 dB**

Fast SAR: SAR(1g) = 0.479 W/kg; SAR(10g) = 0.273 W/kg
Maximum value of SAR (interpolated) = 0.590 W/kg

Body Worn HSL - LTE Band 2/15mm Device Back - LTE Band 2_chan18700_20MHz_BW_RB1_Offset_Low_amb_temp_22.9C_liq_temp_22.8C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.977 V/m; **Power Drift = -0.141 dB**

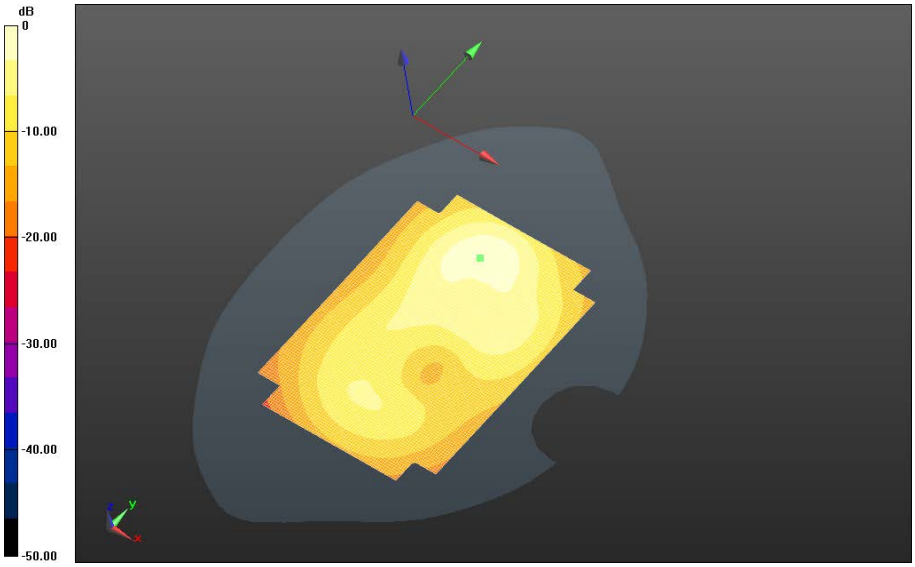
Averaged SAR: SAR(1g) = 0.520 W/kg; SAR(10g) = 0.300 W/kg
Maximum value of SAR (interpolated) = 0.836 W/kg



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

Body Worn HSL - LTE Band 2/15mm Device Back - LTE Band 2_chan18900_20MHz_BW_RB1_Offset_High_amb_temp_22.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.736 V/m; **Power Drift = -0.069 dB**

Fast SAR: SAR(1g) = 0.521 W/kg; SAR(10g) = 0.296 W/kg
Maximum value of SAR (interpolated) = 0.664 W/kg



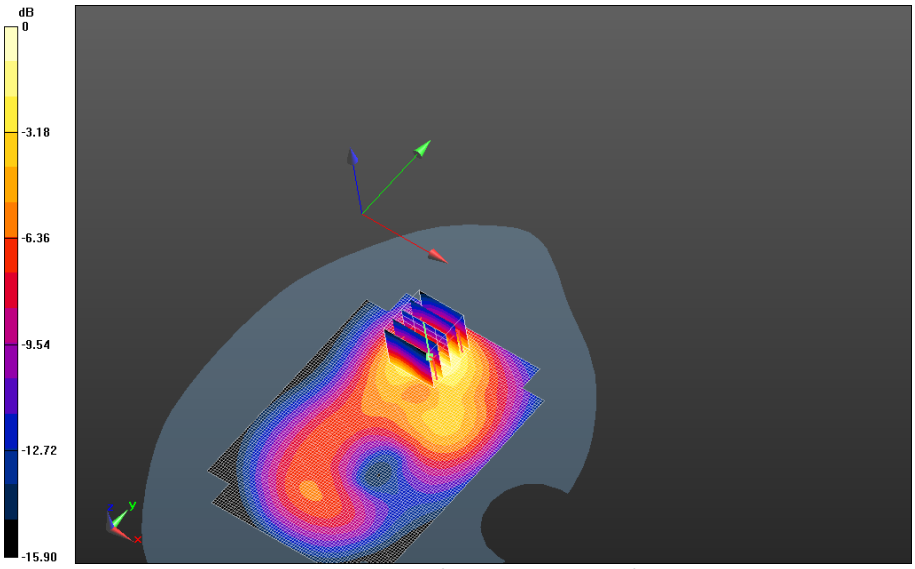
0 dB = 0.628 W/kg = -2.02 dBW/kg

Body Worn HSL - LTE Band 2/15mm Device Back - LTE Band 2_chan19100_20MHz_BW_RB1_Offset_High_amb_temp_23.2C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.996 V/m; **Power Drift = 0.018 dB**

Fast SAR: SAR(1g) = 0.566 W/kg; SAR(10g) = 0.320 W/kg
Maximum value of SAR (interpolated) = 0.725 W/kg

Body Worn HSL - LTE Band 2/15mm Device Back - LTE Band 2_chan19100_20MHz_BW_RB1_Offset_High_amb_temp_23.2C_liq_temp_22.9C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.996 V/m; **Power Drift = 0.018 dB**

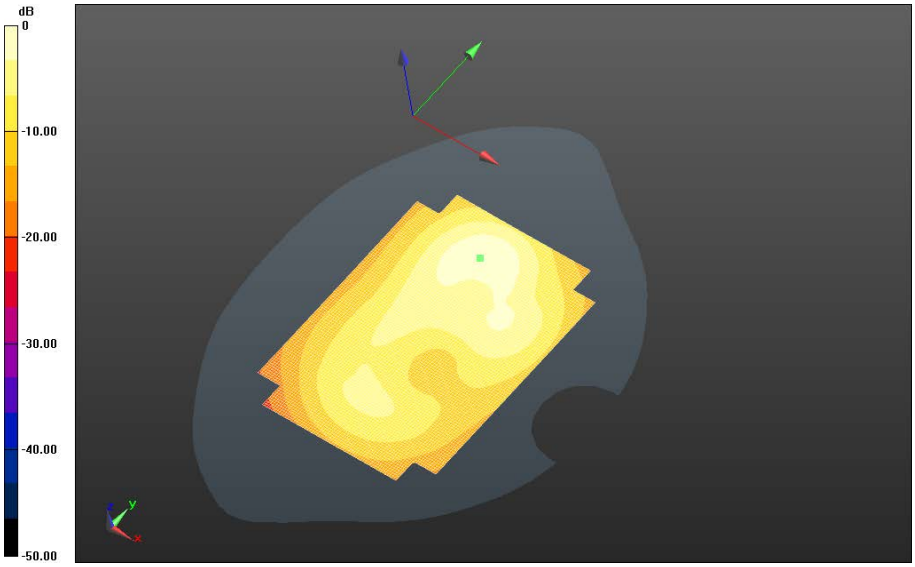
Averaged SAR: SAR(1g) = 0.608 W/kg; SAR(10g) = 0.343 W/kg
Maximum value of SAR (interpolated) = 1.00 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

Body Worn HSL - LTE Band 2/15mm Device Back - LTE Band 2_chan18700_20MHz_BW_RB50_Offset_Low_amb_temp_22.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.796 V/m; **Power Drift = 0.000818 dB**

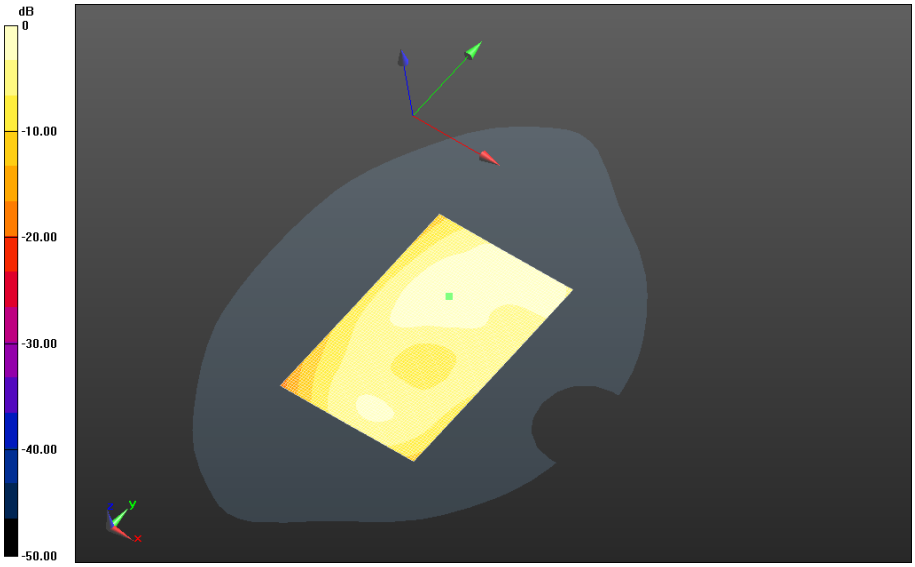
Fast SAR: SAR(1g) = 0.381 W/kg; SAR(10g) = 0.216 W/kg
Maximum value of SAR (interpolated) = 0.478 W/kg



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

Body Worn HSL - LTE Band 2/15mm Device Front - LTE Band 2_chan18700_20MHz_BW_RB1_Offset_Low_amb_temp_22.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.790 V/m; **Power Drift = 0.103 dB**

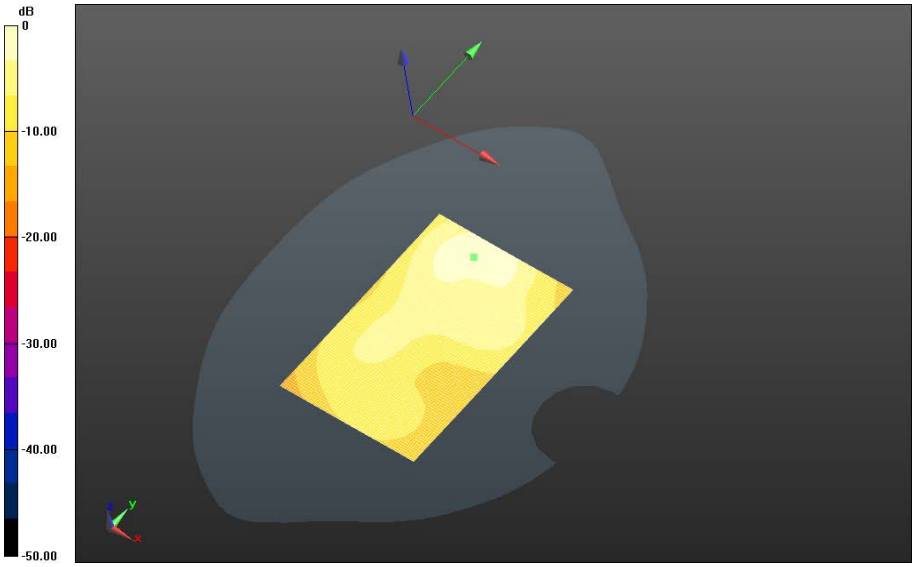
Fast SAR: SAR(1g) = 0.266 W/kg; SAR(10g) = 0.160 W/kg
Maximum value of SAR (interpolated) = 0.321 W/kg



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

Body Worn HSL - LTE Band 2/Holster Device Back - LTE Band 2_chan18700_20MHz_BW_RB1_Offset_Low_amb_temp_22.8C_liq_temp_22.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.387 V/m; **Power Drift = 0.037 dB**

Fast SAR: SAR(1g) = 0.284 W/kg; SAR(10g) = 0.162 W/kg
Maximum value of SAR (interpolated) = 0.352 W/kg



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

GPRS 1900

Date: 7/9/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn MSL - GPRS 1900

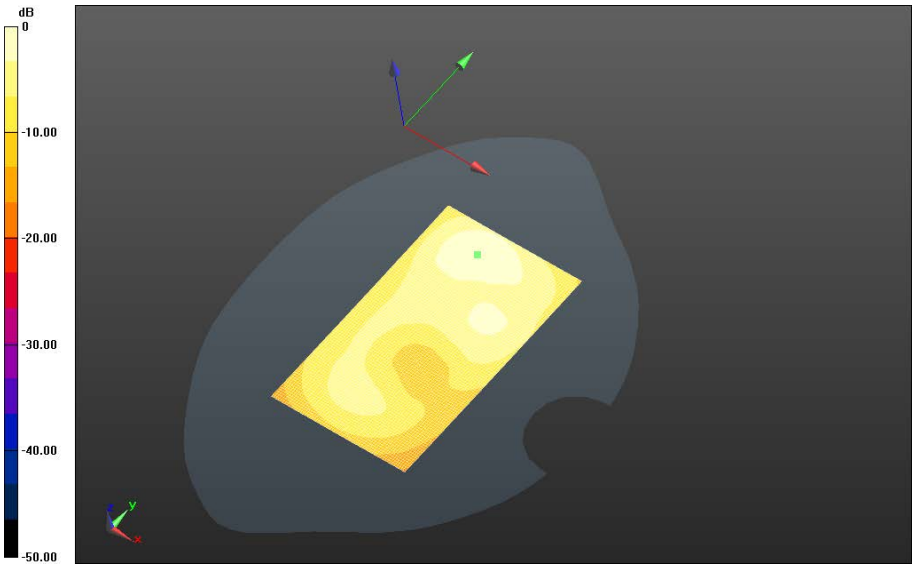
Communication System: GSM 1900 (0); Communication System Band: GSM 1900; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.496 S/m; ε_r = 50.779; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (4.93,4.93,4.93); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS 1900_1-slot _chan661_amb_temp_23.4C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.525 V/m; **Power Drift = -0.065 dB**

Fast SAR: SAR(1g) = 0.247 W/kg; SAR(10g) = 0.137 W/kg
Maximum value of SAR (interpolated) = 0.311 W/kg



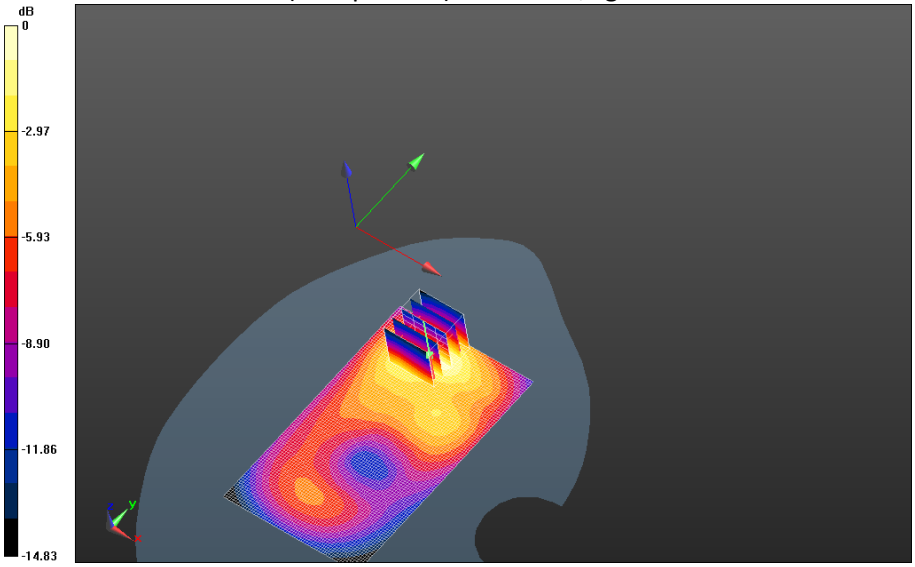
0 dB = 0.311 W/kg = -5.07 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS 1900_2-slot _chan512_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.478 V/m; **Power Drift = 0.099 dB**

Fast SAR: SAR(1g) = 0.478 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.595 W/kg

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS 1900_2-slot _chan512_amb_temp_23.7C_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 = 6.478 V/m; **Power Drift = 0.099 dB**

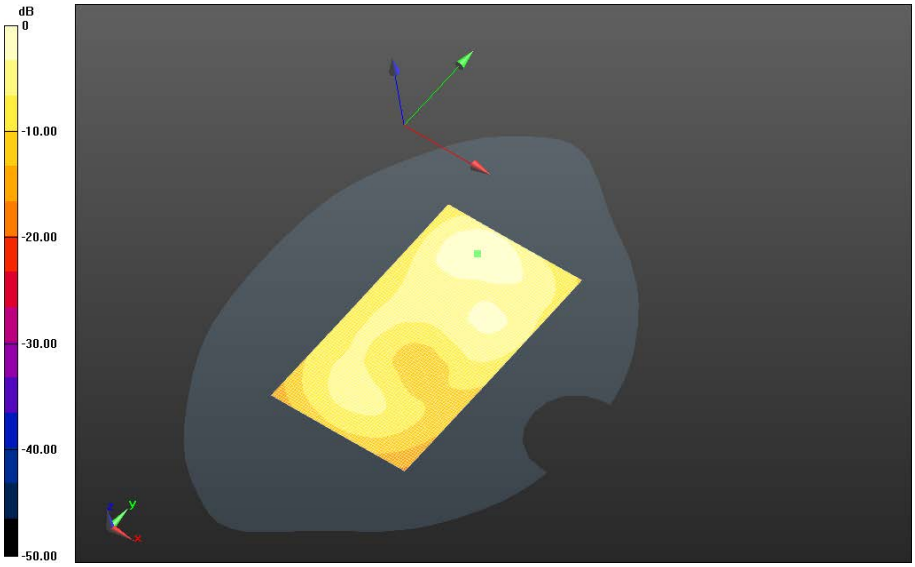
Averaged SAR: SAR(1g) = 0.483 W/kg; SAR(10g) = 0.283 W/kg
Maximum value of SAR (interpolated) = 0.767 W/kg



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

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS 1900_2-slot _chan661_amb_temp_23.5C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.111 V/m; **Power Drift = -0.155 dB**

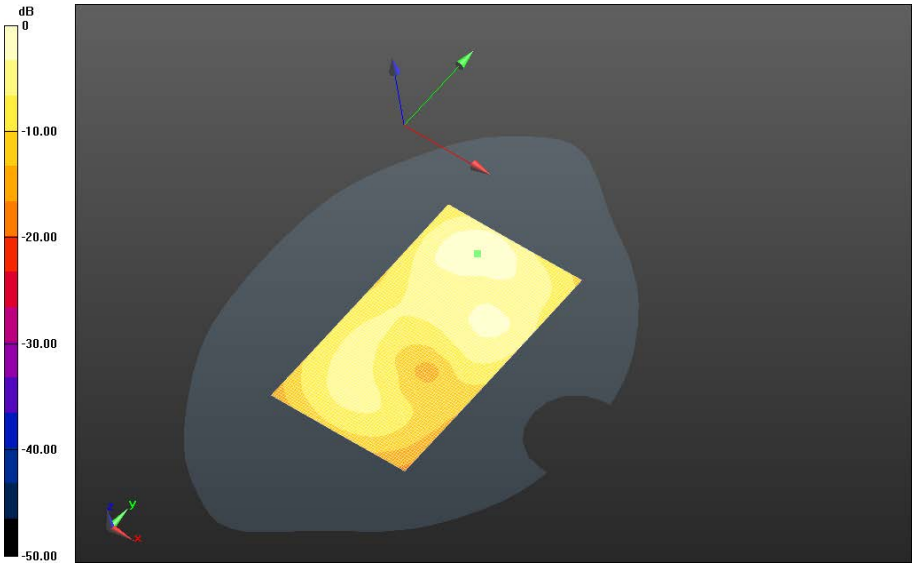
Fast SAR: SAR(1g) = 0.444 W/kg; SAR(10g) = 0.247 W/kg
Maximum value of SAR (interpolated) = 0.558 W/kg



0 dB = 0.581 W/kg = -2.36 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS 1900_2-slot _chan810_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.450 V/m; **Power Drift = 0.106 dB**

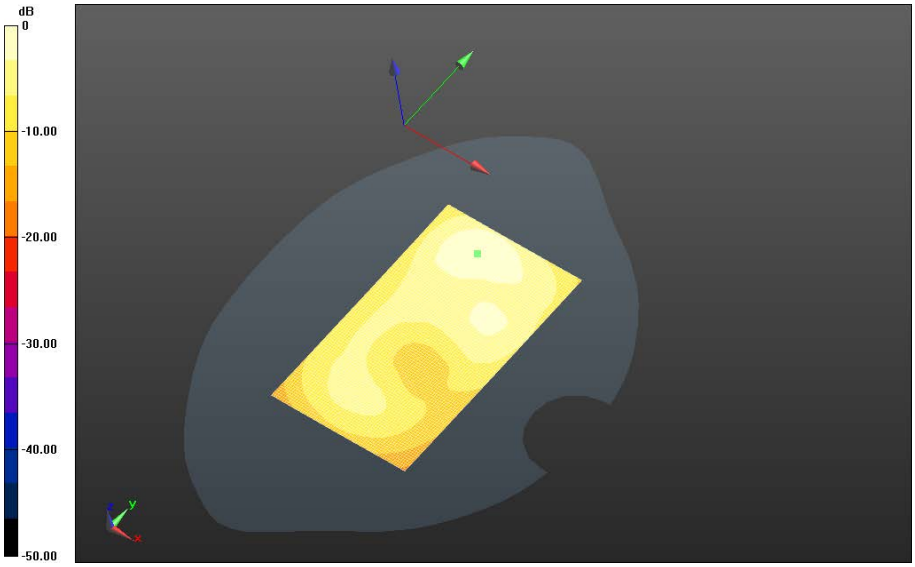
Fast SAR: SAR(1g) = 0.359 W/kg; SAR(10g) = 0.196 W/kg
Maximum value of SAR (interpolated) = 0.454 W/kg



0 dB = 0.558 W/kg = -2.53 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS 1900_3-slot _chan661_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.515 V/m; **Power Drift = -0.174 dB**

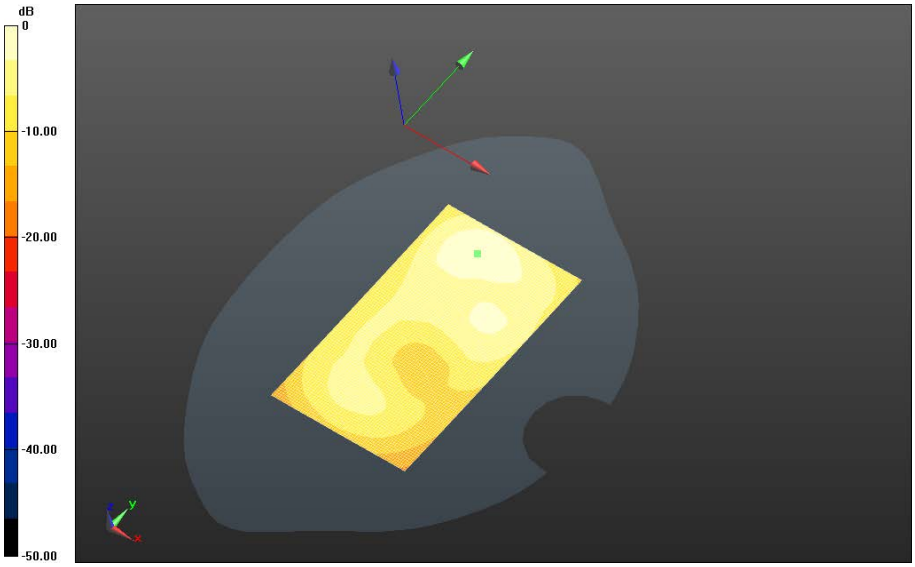
Fast SAR: SAR(1g) = 0.347 W/kg; SAR(10g) = 0.192 W/kg
Maximum value of SAR (interpolated) = 0.438 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Back - GPRS 1900_4-slots_chan661_amb_temp_23.8C_liq_temp_22.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.795 V/m; **Power Drift = -0.189 dB**

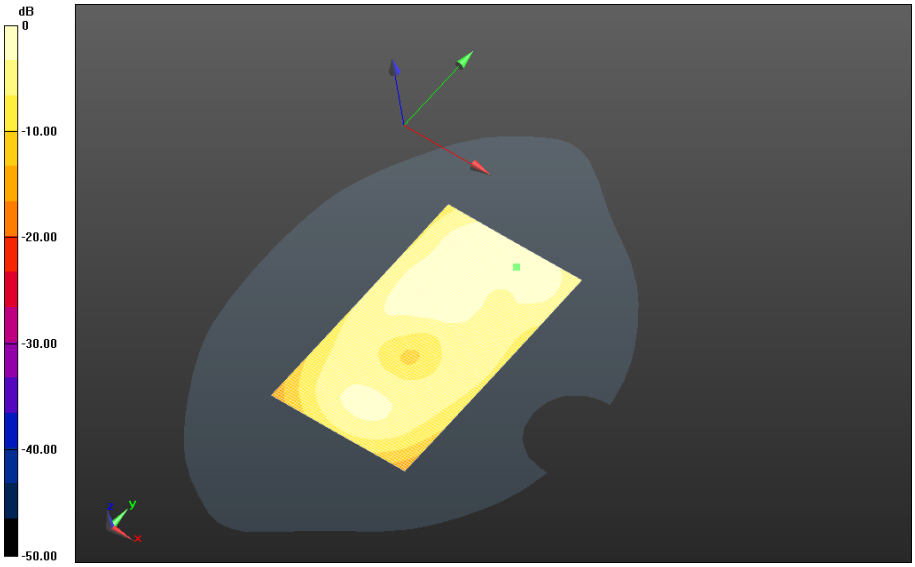
Fast SAR: SAR(1g) = 0.392 W/kg; SAR(10g) = 0.217 W/kg
Maximum value of SAR (interpolated) = 0.495 W/kg



0 dB = 0.438 W/kg = -3.59 dBW/kg

Body Worn MSL - GPRS 1900/15mm Device Front - GPRS 1900_2-slot _chan661_amb_temp_23.5C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.919 V/m; **Power Drift = 0.00593 dB**

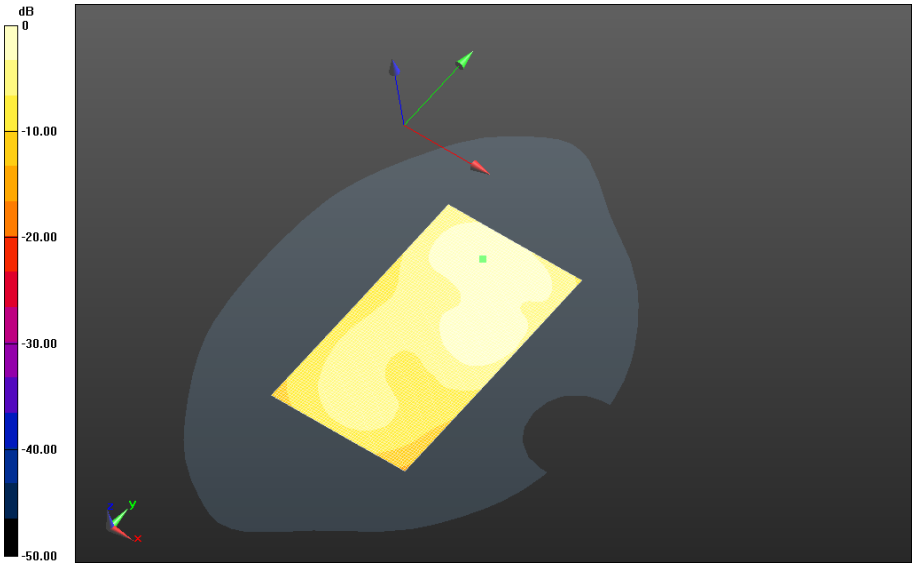
Fast SAR: SAR(1g) = 0.221 W/kg; SAR(10g) = 0.133 W/kg
Maximum value of SAR (interpolated) = 0.269 W/kg



0 dB = 0.495 W/kg = -3.05 dBW/kg

Body Worn MSL - GPRS 1900/Holster Device Back - GPRS 1900_2-slot _chan661_amb_temp_23.7C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.151 V/m; **Power Drift = 0.063 dB**

Fast SAR: SAR(1g) = 0.151 W/kg; SAR(10g) = 0.0902 W/kg
Maximum value of SAR (interpolated) = 0.182 W/kg



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

UMTS Band II

Date: 7/9/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEB280

Configuration: Body Worn HSL - UMTS Band 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 = 1.473 S/m; ε_r = 50.853; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

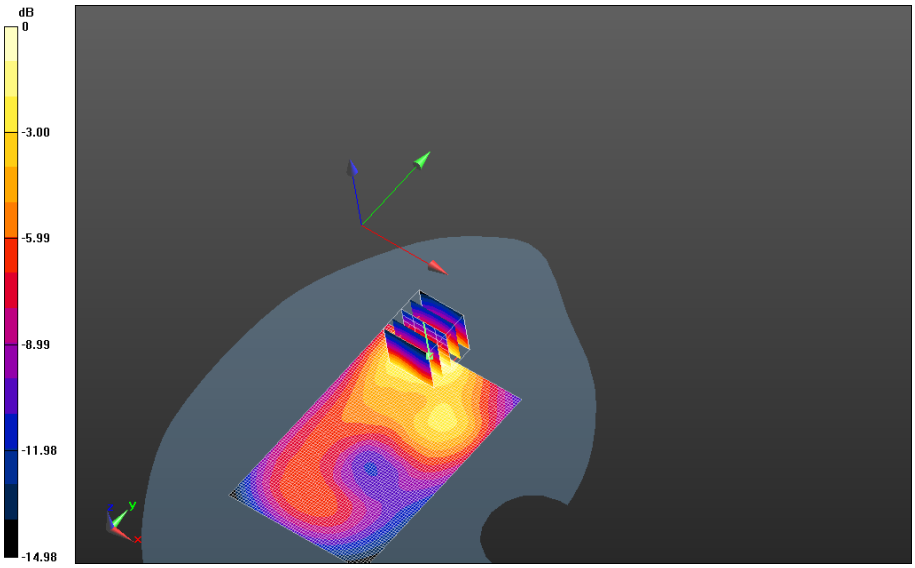
- Probe: ES3DV3 - SN3225; ConvF: (4.93,4.93,4.93); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn HSL - UMTS Band II/15mm Device Back -UMTS Band II_chan9262_amb_temp_22.9_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.394 V/m; **Power Drift = 0.017 dB**

Fast SAR: SAR(1g) = 0.544 W/kg; SAR(10g) = 0.298 W/kg
Maximum value of SAR (interpolated) = 0.674 W/kg

Body Worn HSL - UMTS Band II/15mm Device Back -UMTS Band II_chan9262_amb_temp_22.9_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 = 8.394 V/m; **Power Drift = 0.017 dB**

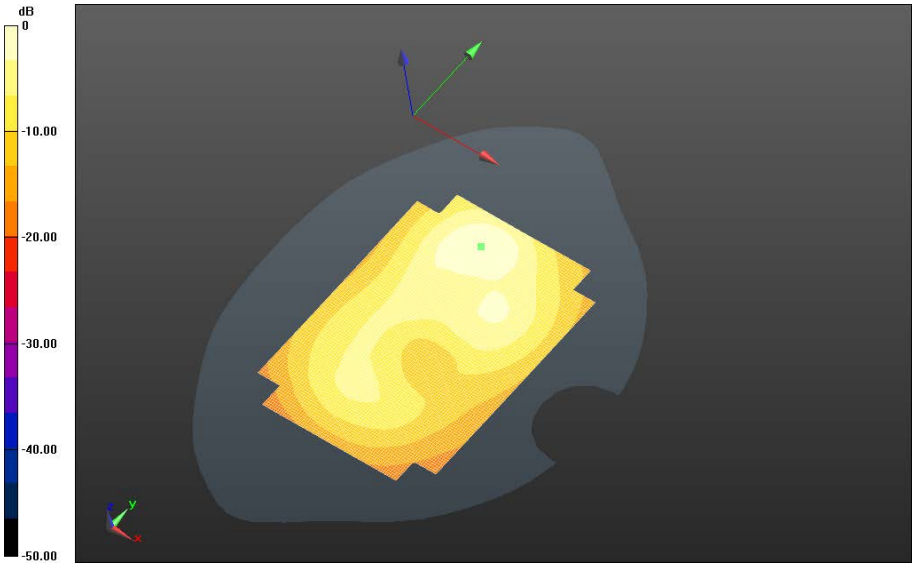
Averaged SAR: SAR(1g) = 0.572 W/kg; SAR(10g) = 0.330 W/kg
Maximum value of SAR (interpolated) = 0.921 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg

Body Worn HSL - UMTS Band II/15mm Device Back -UMTS Band II_chan9400_amb_temp_22.9C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.708 V/m; **Power Drift = -0.106 dB**

Fast SAR: SAR(1g) = 0.517 W/kg; SAR(10g) = 0.290 W/kg
Maximum value of SAR (interpolated) = 0.654 W/kg



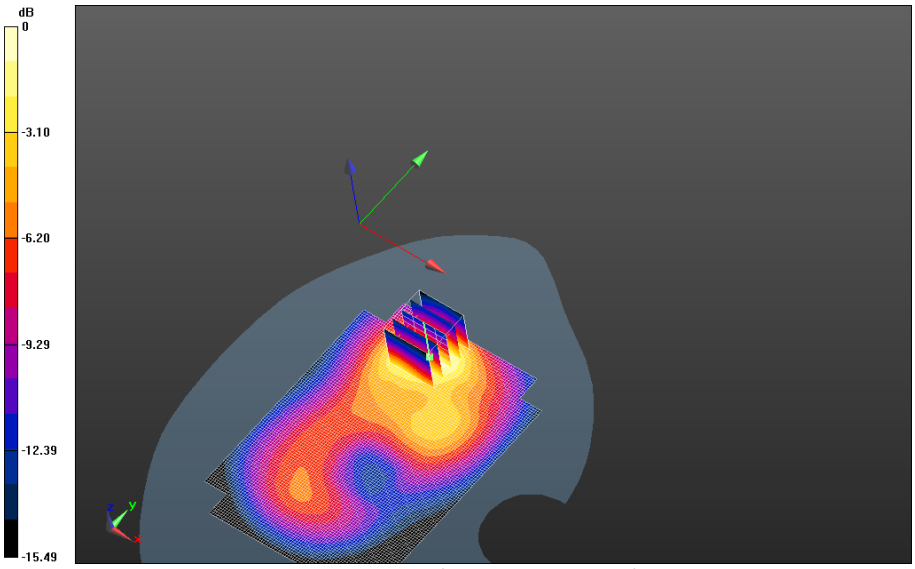
0 dB = 0.691 W/kg = -1.61 dBW/kg

Body Worn HSL - UMTS Band II/15mm Device Back -UMTS Band II_chan9538_amb_temp_22.9C_liq_temp_21.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.107 V/m; **Power Drift = 0.061 dB**

Fast SAR: SAR(1g) = 0.592 W/kg; SAR(10g) = 0.330 W/kg
Maximum value of SAR (interpolated) = 0.751 W/kg

Body Worn HSL - UMTS Band II/15mm Device Back -UMTS Band II_chan9538_amb_temp_22.9C_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 = 8.107 V/m; **Power Drift = 0.061 dB**

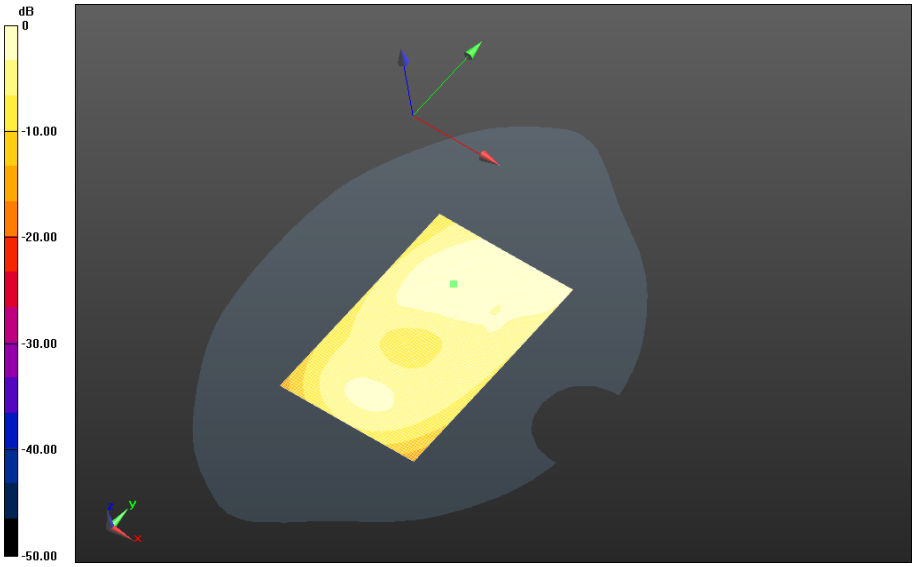
Averaged SAR: SAR(1g) = 0.622 W/kg; SAR(10g) = 0.353 W/kg
Maximum value of SAR (interpolated) = 1.03 W/kg



0 dB = 0.654 W/kg = -1.84 dBW/kg

Body Worn HSL - UMTS Band II/15mm Device Front -UMTS Band II_chan9400_amb_temp_22.8C_liq_temp_21.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.350 V/m; **Power Drift = 0.038 dB**

Fast SAR: SAR(1g) = 0.265 W/kg; SAR(10g) = 0.157 W/kg
Maximum value of SAR (interpolated) = 0.322 W/kg



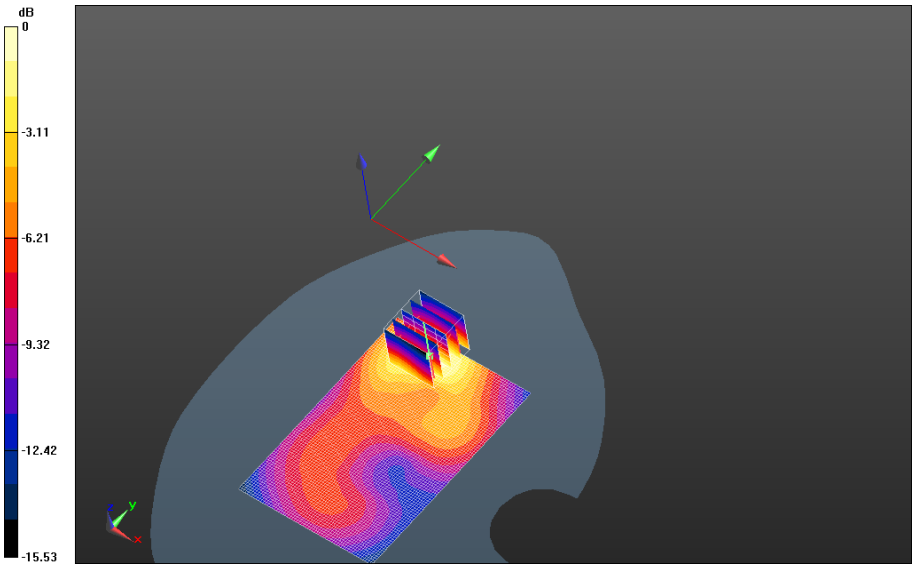
0 dB = 0.756 W/kg = -1.21 dBW/kg

Body Worn HSL - UMTS Band II/Holster Device Back -UMTS Band II_chan9400_amb_temp_22.8C_liq_temp_21.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.570 V/m; **Power Drift = 0.00626 dB**

Fast SAR: SAR(1g) = 0.361 W/kg; SAR(10g) = 0.208 W/kg
Maximum value of SAR (interpolated) = 0.442 W/kg

Body Worn HSL - UMTS Band II/Holster Device Back -UMTS Band II_chan9400_amb_temp_22.8C_liq_temp_21.2C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.570 V/m; **Power Drift = 0.00626 dB**

Averaged SAR: SAR(1g) = 0.375 W/kg; SAR(10g) = 0.220 W/kg
Maximum value of SAR (interpolated) = 0.607 W/kg



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

802.11b

Date: 7/17/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEC30B

Configuration: Body Worn MSL - 802.11b

Communication System: 802.11 b (2450) (0); Communication System Band: 802.11 b;
Frequency: 2412 MHz
Medium Parameters used: f=2412 MHz; σ = 1.952 S/m; ε_r = 50.540; ρ = 1.000 g/cm^3
Phantom section: Flat Section

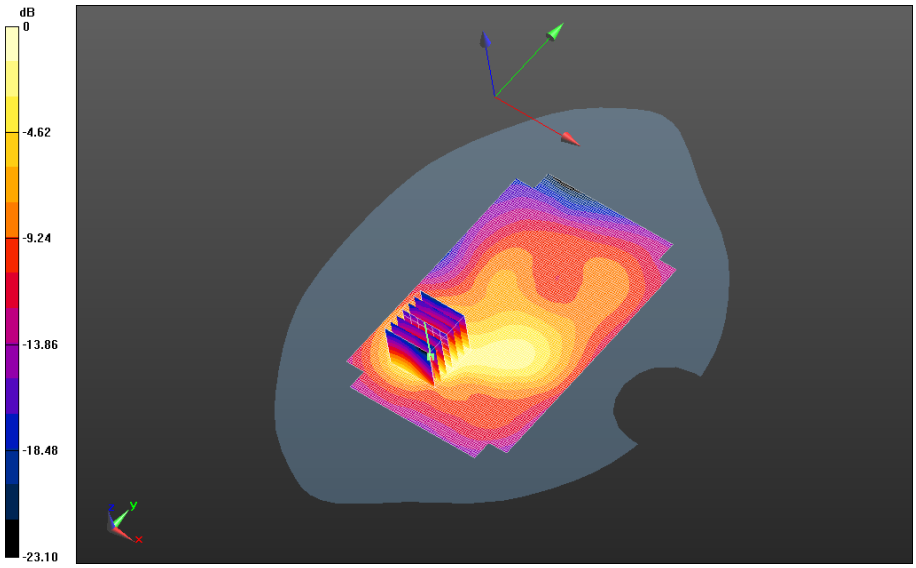
DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (4.28,4.28,4.28); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - 802.11b/15mm Device Back - 802.11b_chan1_amb_temp_23.1C_liq_temp_21.9C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.184 W/kg

Body Worn MSL - 802.11b/15mm Device Back - 802.11b_chan1_amb_temp_23.1C_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 = 5.431 V/m; **Power Drift = 0.010 dB**

Averaged SAR: SAR(1g) = 0.140 W/kg; SAR(10g) = 0.0713 W/kg
Maximum value of SAR (interpolated) = 0.268 W/kg

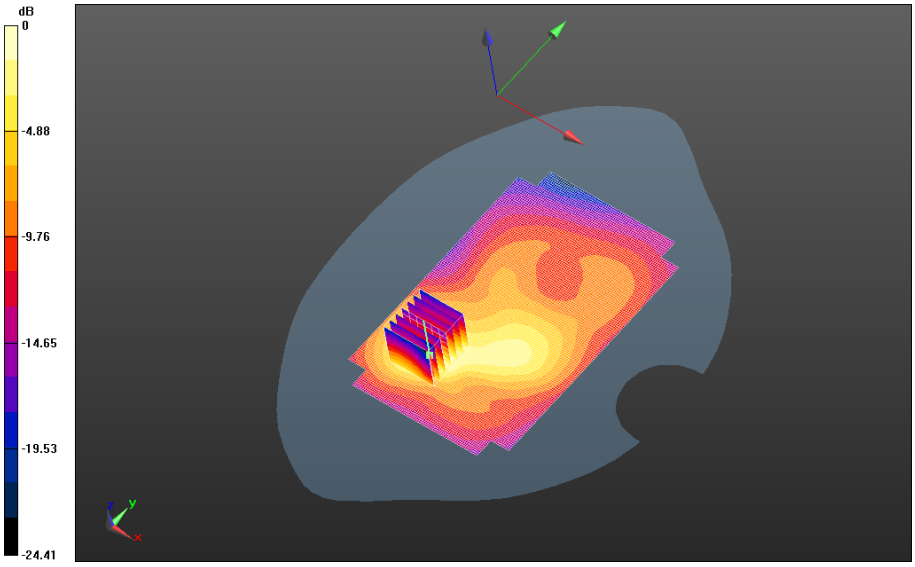


0 dB = 0.176 W/kg = -7.54 dBW/kg

Body Worn MSL - 802.11b/15mm Device Back - 802.11b_chan6_amb_temp_23.2C_liq_temp_21.9C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.209 W/kg

Body Worn MSL - 802.11b/15mm Device Back - 802.11b_chan6_amb_temp_23.2C_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 = 5.260 V/m; **Power Drift = 0.061 dB**

Averaged SAR: SAR(1g) = 0.157 W/kg; SAR(10g) = 0.0798 W/kg
Maximum value of SAR (interpolated) = 0.300 W/kg

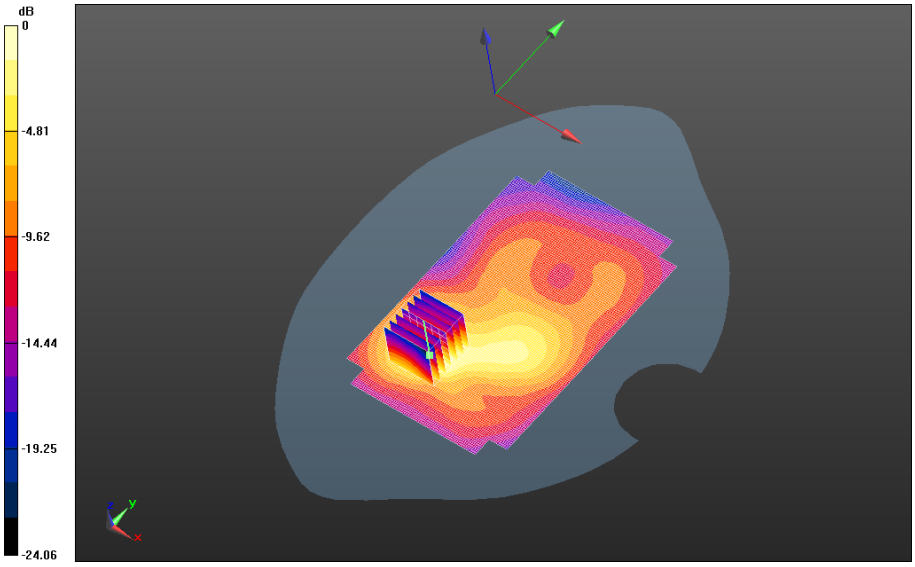


0 dB = 0.176 W/kg = -7.54 dBW/kg

Body Worn MSL - 802.11b/15mm Device Back - 802.11b_chan11_amb_temp_23.1C_liq_temp_22.0C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.204 W/kg

Body Worn MSL - 802.11b/15mm Device Back - 802.11b_chan11_amb_temp_23.1C_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 = 5.025 V/m; **Power Drift = 0.073 dB**

Averaged SAR: SAR(1g) = 0.156 W/kg; SAR(10g) = 0.0784 W/kg
Maximum value of SAR (interpolated) = 0.303 W/kg

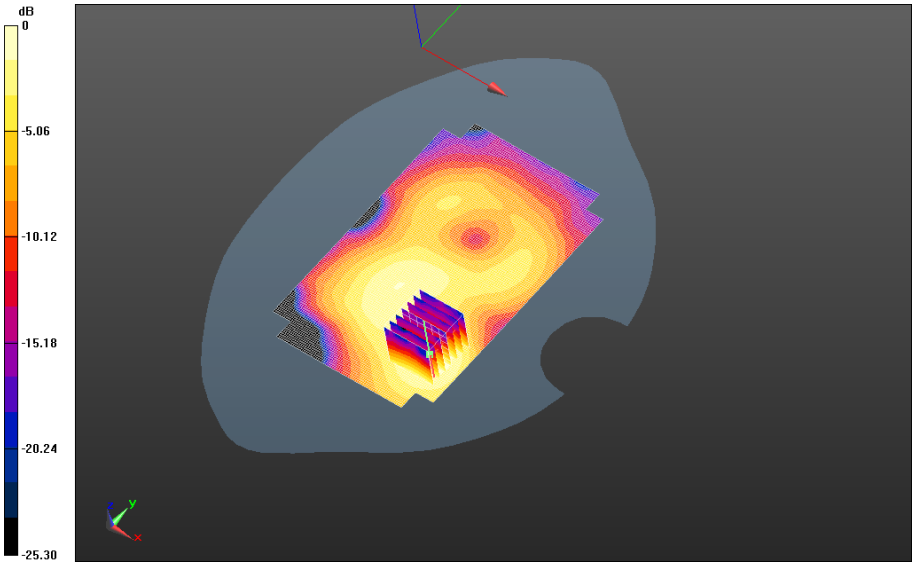


0 dB = 0.198 W/kg = -7.03 dBW/kg

Body Worn MSL - 802.11b/15mm Device Front - 802.11b_chan6_amb_temp_23.2C_liq_temp_21.9C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0528 W/kg

Body Worn MSL - 802.11b/15mm Device Front - 802.11b_chan6_amb_temp_23.2C_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 = 3.591 V/m; **Power Drift = 0.010 dB**

Averaged SAR: SAR(1g) = 0.0421 W/kg; SAR(10g) = 0.0220 W/kg
Maximum value of SAR (interpolated) = 0.0815 W/kg

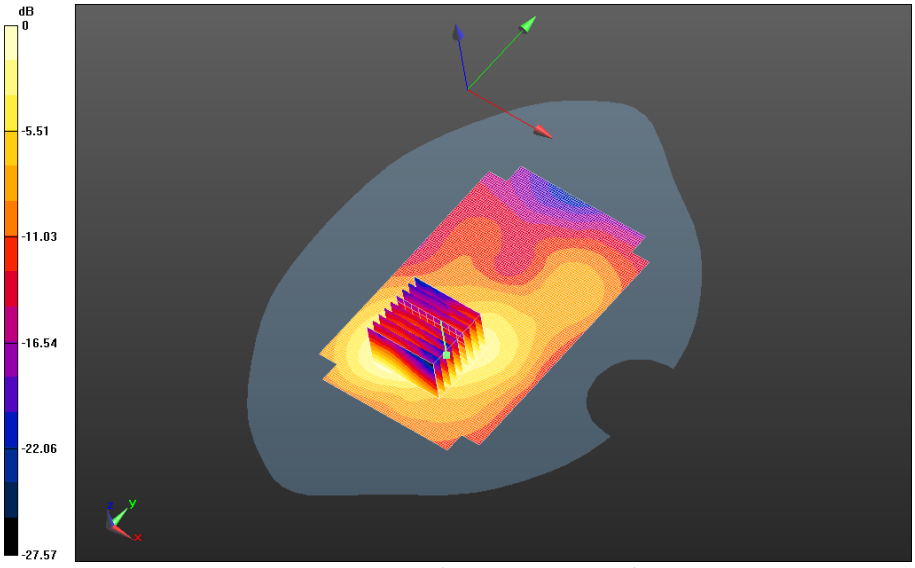


0 dB = 0.119 W/kg = -9.24 dBW/kg

Body Worn MSL - 802.11b/Holster Device Back - 802.11b_chan6_amb_temp_24.1C_liq_temp_22.4C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.118 W/kg

Body Worn MSL - 802.11b/Holster Device Back - 802.11b_chan6_amb_temp_24.1C_liq_temp_22.4C/Zoom Scan (46x41x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 4.029 V/m; **Power Drift = 0.055 dB**

Averaged SAR: SAR(1g) = 0.0931 W/kg; SAR(10g) = 0.0523 W/kg
Maximum value of SAR (interpolated) = 0.188 W/kg



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

Bluetooth

Date: 7/18/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEC30B

Configuration: Body Worn MSL - BT

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 = 1.992 S/m; ε_r = 50.443; ρ = 1.000 g/cm^3
Phantom section: Flat Section

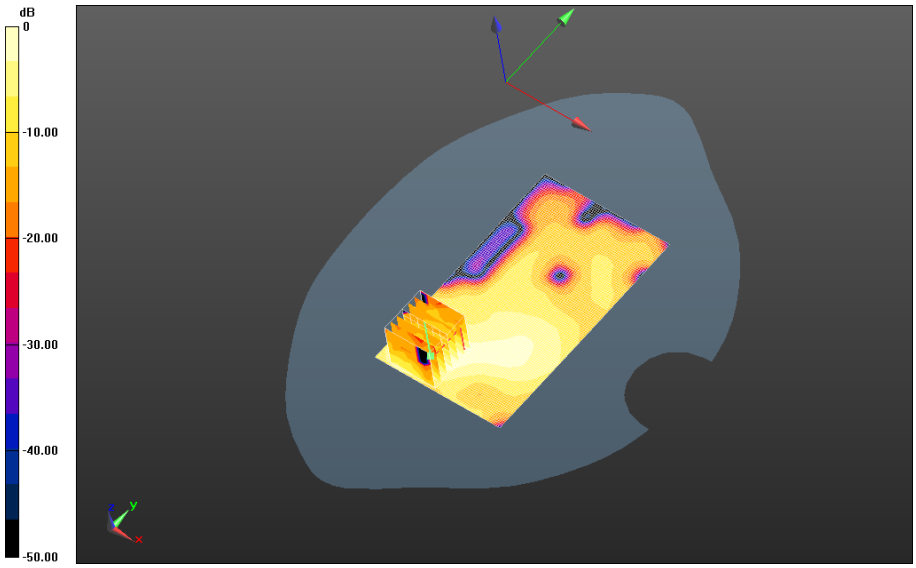
DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (4.28,4.28,4.28); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - BT/15mm Device Back - Bluetooth_chan39_amb_temp_23.2C_liq_temp_22.0C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0167 W/kg

Body Worn MSL - BT/15mm Device Back - Bluetooth_chan39_amb_temp_23.2C_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 = 1.354 V/m; **Power Drift = -0.192 dB**

Averaged SAR: SAR(1g) = 0.0133 W/kg; SAR(10g) = 0.00646 W/kg
Maximum value of SAR (interpolated) = 0.0254 W/kg



0 dB = 0.0169 W/kg = -17.72 dBW/kg

802.11a

Date: 7/30/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEC30B

Configuration: Body Worn MSL - 802.11a 5200 MHz

Communication System: 802.11a (0); Communication System Band: Low and Mid Bands; Frequency: 5180 MHz
Medium Parameters used: f=5180 MHz; σ = 5.352 S/m; ε_r = 47.252; ρ = 1.000 g/cm^3
Phantom section: Flat Section

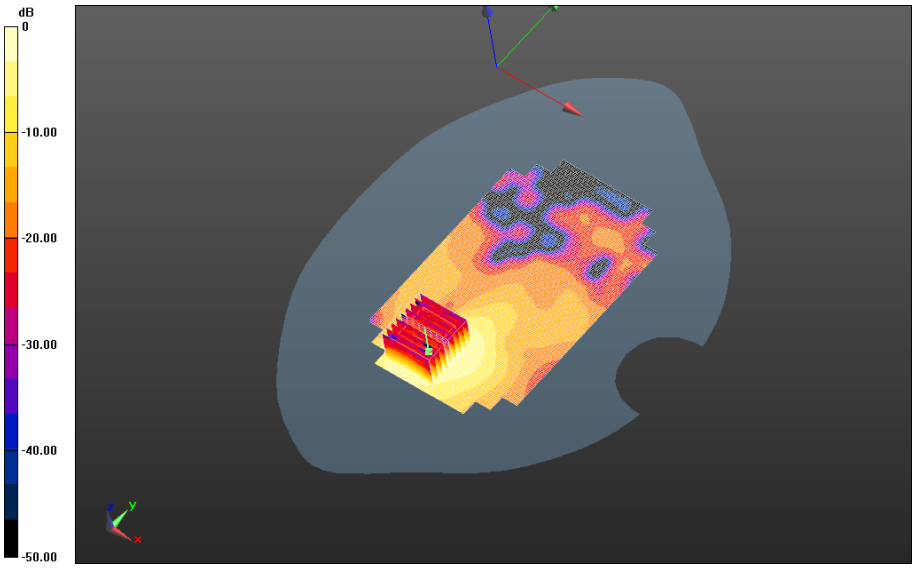
DASY Configuration:

- Probe: EX3DV4 - SN3548; ConvF: (4.83,4.83,4.83); Calibrated: 1/17/2014;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan36_low_band_Amb_Temp_23.4C_Liquid_Temp_21.7C/Area Scan (181x241x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.48 W/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan36_low_band_Amb_Temp_23.4C_Liquid_Temp_21.7C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 3.157 V/m; **Power Drift = -0.046 dB**

Averaged SAR: SAR(1g) = 0.818 W/kg; SAR(10g) = 0.313 W/kg
Maximum value of SAR (interpolated) = 3.14 W/kg

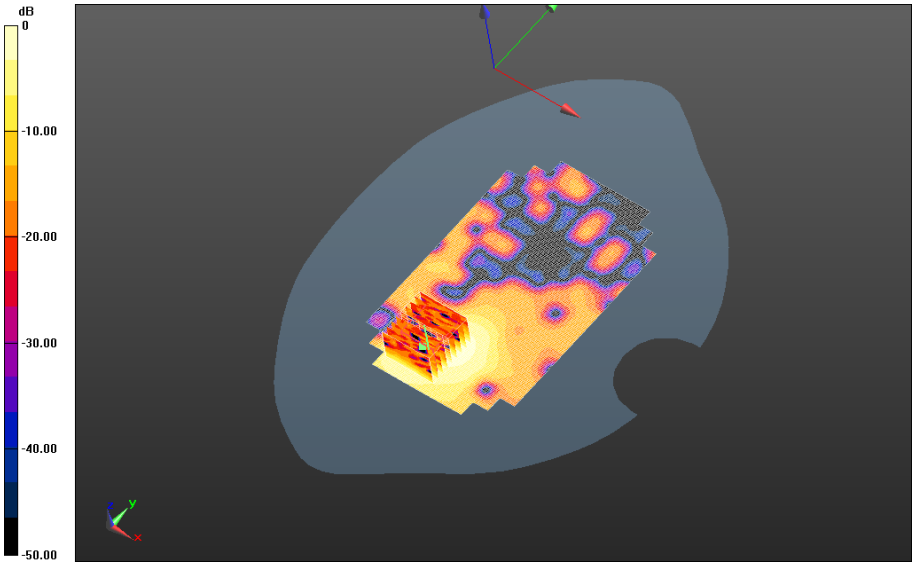


0 dB = 1.48 W/kg = 1.70 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan48_low_band_Amb_Temp_22.8C_Liquid_Temp_21.4C/Area Scan (181x241x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.252 W/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan48_low_band_Amb_Temp_22.8C_Liquid_Temp_21.4C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.682 V/m; **Power Drift = 0.101 dB**

Averaged SAR: SAR(1g) = 0.139 W/kg; SAR(10g) = 0.0532 W/kg
Maximum value of SAR (interpolated) = 0.515 W/kg

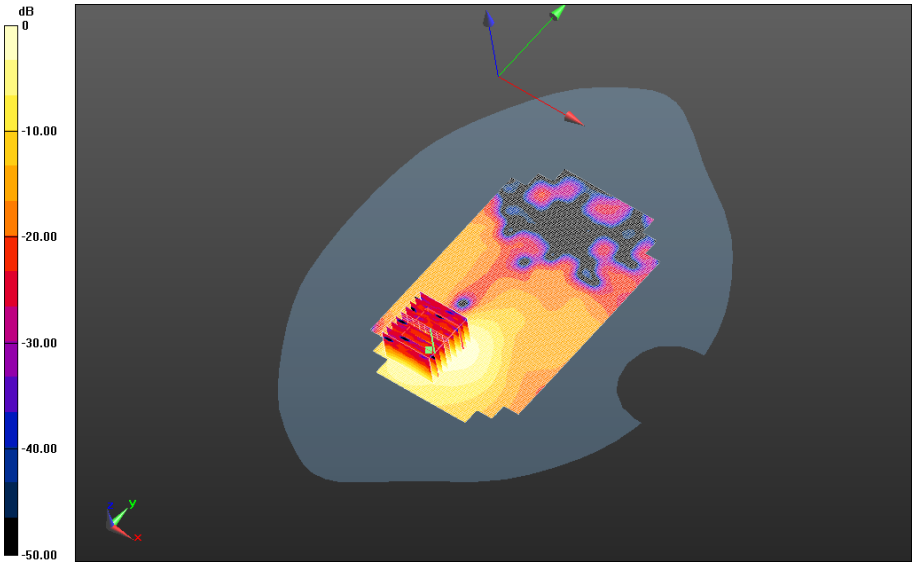


0 dB = 1.48 W/kg = 1.70 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan52_low_band_Amb_Temp_23.3C_Liquid_Temp_21.7C/Area Scan (181x241x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan52_low_band_Amb_Temp_23.3C_Liquid_Temp_21.7C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 3.494 V/m; **Power Drift = 0.094 dB**

Averaged SAR: SAR(1g) = 0.627 W/kg; SAR(10g) = 0.244 W/kg
Maximum value of SAR (interpolated) = 2.45 W/kg



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

Date: 7/31/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEC30B

Configuration: Body Worn MSL - 802.11a 5500 MHz

Communication System: 802.11a; Communication System Band: Low and Mid Bands; Frequency: 5520 MHz
Medium Parameters used: f=5520 MHz; σ = 5.713 S/m; ε_r = 47.371; ρ = 1.000 g/cm^3
Phantom section: Flat Section

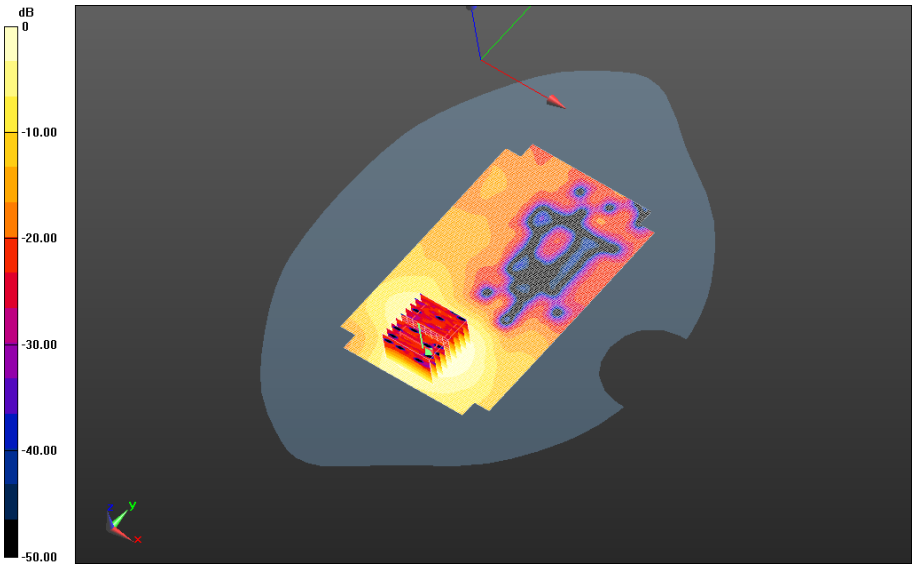
DASY Configuration:

- Probe: EX3DV4 - SN3548; ConvF: (4.33,4.33,4.33); Calibrated: 1/17/2014;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - 802.11a 5500 MHz/15mm Device Back - 802.11a_chan104_upper_bandI_Amb_Temp_23.0C_Liquid_Temp_21.4C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.895 W/kg

Body Worn MSL - 802.11a 5500 MHz/15mm Device Back - 802.11a_chan104_upper_bandI_Amb_Temp_23.0C_Liquid_Temp_21.4C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.633 V/m; **Power Drift = 0.203 dB**

Averaged SAR: SAR(1g) = 0.496 W/kg; SAR(10g) = 0.215 W/kg
Maximum value of SAR (interpolated) = 1.77 W/kg



0 dB = 0.892 W/kg = -0.50 dBW/kg

Date: 7/31/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEC30B

Configuration: Body Worn MSL - 802.11a 5800 MHz

Communication System: 802.11a; Communication System Band: Low and Mid Bands; Frequency: 5745 MHz
Medium Parameters used: f=5745 MHz; σ = 6.060 S/m; ε_r = 47.036; ρ = 1.000 g/cm^3
Phantom section: Flat Section

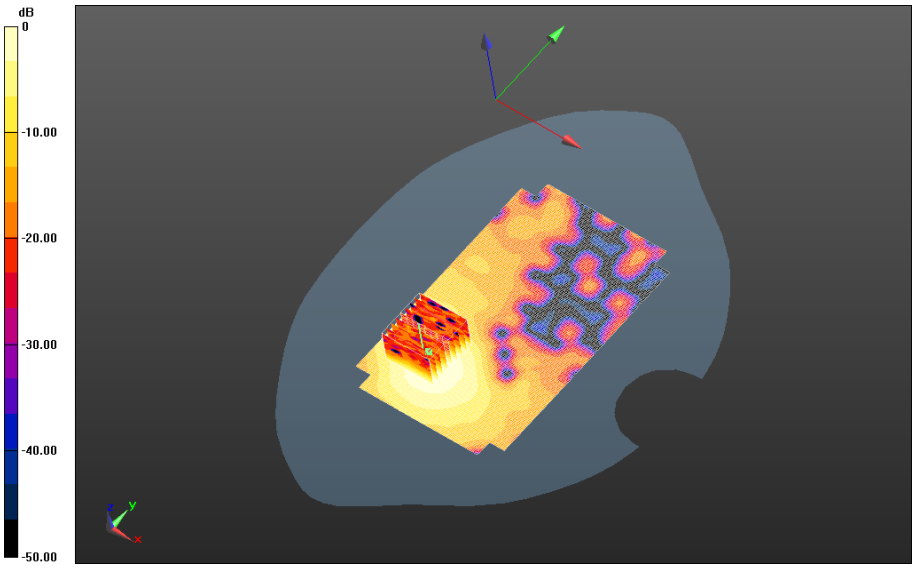
DASY Configuration:

- Probe: EX3DV4 - SN3548; ConvF: (4.36,4.36,4.36); Calibrated: 1/17/2014;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.7(1137); SEMCAD X Version 14.6.10 (7164)

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan149_upper_bandII_Amb_Temp_23.1C_Liquid_Temp_22.0C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.407 W/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan149_upper_bandII_Amb_Temp_23.1C_Liquid_Temp_22.0C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 2.150 V/m; **Power Drift = 0.219 dB**

Averaged SAR: SAR(1g) = 0.226 W/kg; SAR(10g) = 0.0885 W/kg
Maximum value of SAR (interpolated) = 0.869 W/kg

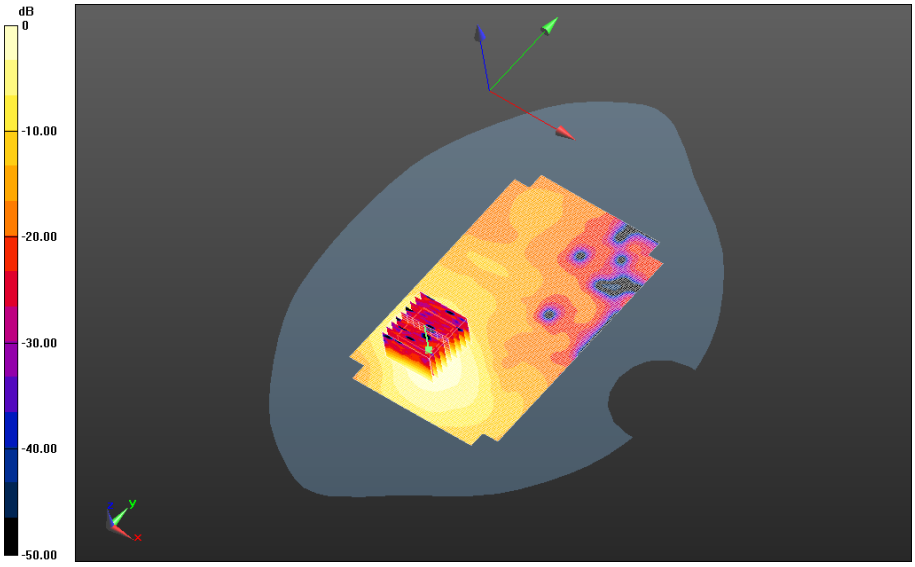


0 dB = 0.409 W/kg = -3.88 dBW/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan153_upper_bandII_Amb_Temp_23.0C_Liquid_Temp_22.0C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan153_upper_bandII_Amb_Temp_23.0C_Liquid_Temp_22.0C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 3.191 V/m; **Power Drift = -0.013 dB**

Averaged SAR: SAR(1g) = 0.663 W/kg; SAR(10g) = 0.263 W/kg
Maximum value of SAR (interpolated) = 2.52 W/kg

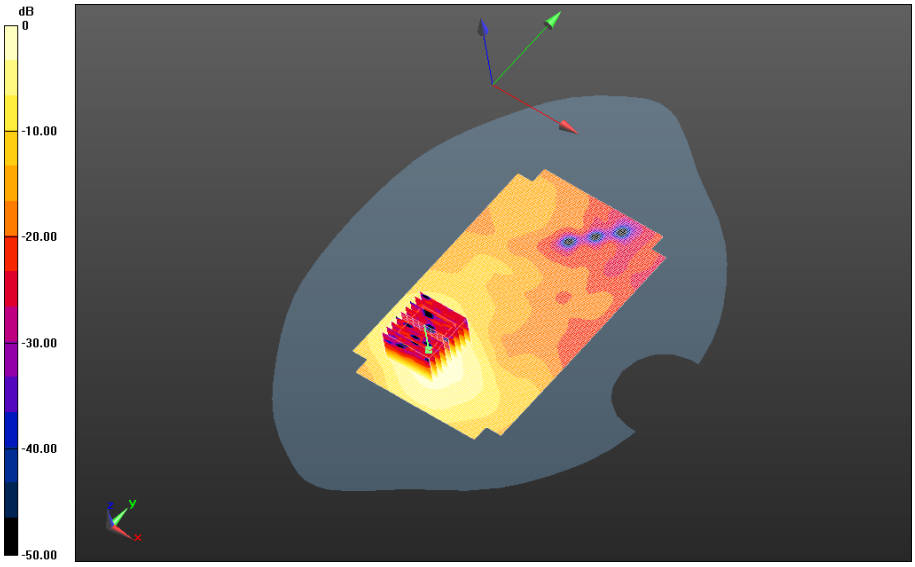


0 dB = 0.409 W/kg = -3.88 dBW/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan157_upper_bandII_Amb_Temp_23.0C_Liquid_Temp_22.0C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan157_upper_bandII_Amb_Temp_23.0C_Liquid_Temp_22.0C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 3.593 V/m; **Power Drift = -0.172 dB**

Averaged SAR: SAR(1g) = 0.646 W/kg; SAR(10g) = 0.257 W/kg
Maximum value of SAR (interpolated) = 2.49 W/kg

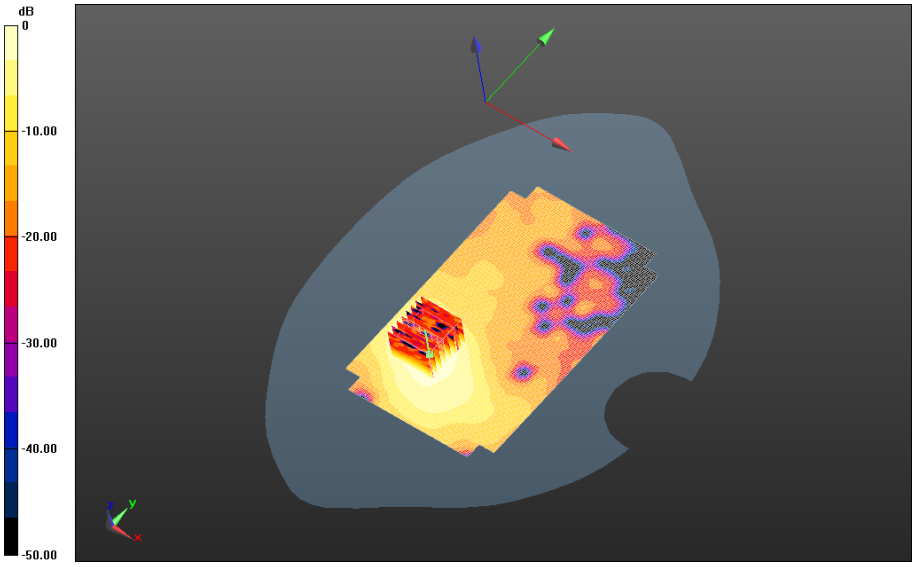


0 dB = 1.21 W/kg = 0.83 dBW/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan165_upper_bandII_Amb_Temp_22.8C_Liquid_Temp_21.9C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.443 W/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan165_upper_bandII_Amb_Temp_22.8C_Liquid_Temp_21.9C/Zoom Scan (36x36x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 2.131 V/m; **Power Drift = 0.551 dB**

Averaged SAR: SAR(1g) = 0.248 W/kg; SAR(10g) = 0.0950 W/kg
Maximum value of SAR (interpolated) = 1.03 W/kg

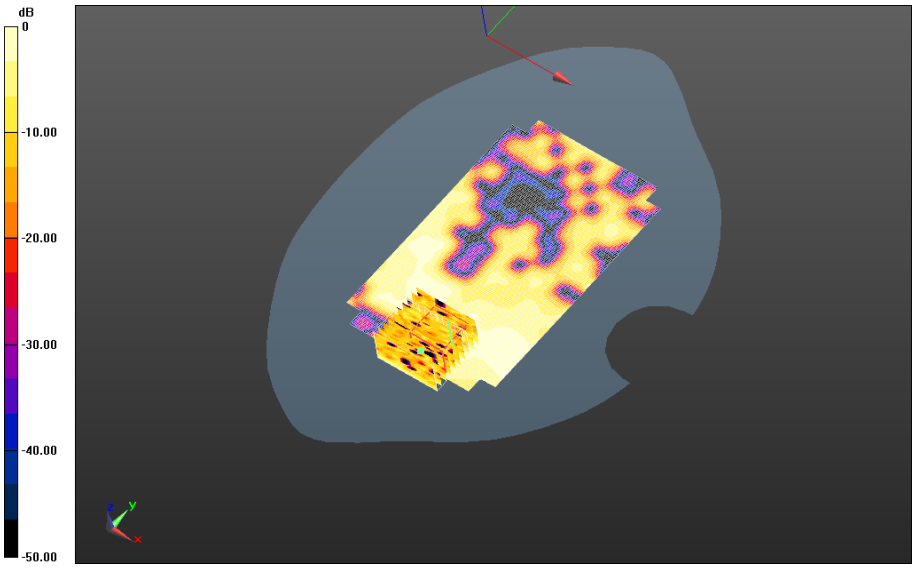


0 dB = 1.19 W/kg = 0.76 dBW/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Front - 802.11a_chan153_upper_bandII_Amb_Temp_22.9C_Liquid_Temp_22.0C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0509 W/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Front - 802.11a_chan153_upper_bandII_Amb_Temp_22.9C_Liquid_Temp_22.0C/Zoom Scan (51x46x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.830 V/m; **Power Drift = -0.208 dB**

Averaged SAR: SAR(1g) = 0.0262 W/kg; SAR(10g) = 0.0107 W/kg
Maximum value of SAR (interpolated) = 0.239 W/kg

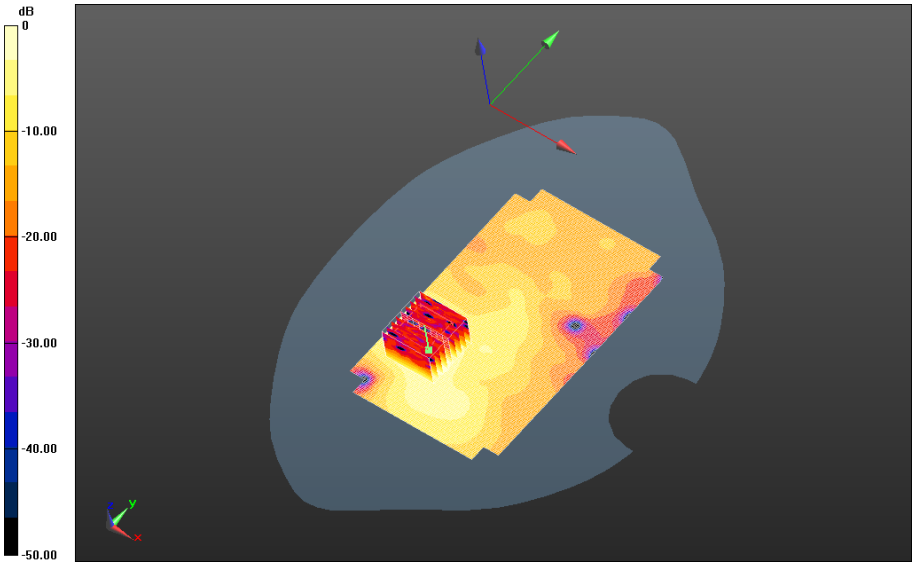


0 dB = 0.473 W/kg = -3.25 dBW/kg

Body Worn MSL - 802.11a 5800 MHz/Holster Device Back - 802.11a_chan153_upper_bandII_Amb_Temp_23.0C_Liquid_Temp_22.0C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.880 W/kg

Body Worn MSL - 802.11a 5800 MHz/Holster Device Back - 802.11a_chan153_upper_bandII_Amb_Temp_23.0C_Liquid_Temp_22.0C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 4.867 V/m; **Power Drift = 0.00392 dB**

Averaged SAR: SAR(1g) = 0.464 W/kg; SAR(10g) = 0.180 W/kg
Maximum value of SAR (interpolated) = 1.81 W/kg



0 dB = 0.0563 W/kg = -12.49 dBW/kg