APPENDIX C2: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

LTE Band 17

Date: 11/19/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD1D

Configuration: Body Worn MSL - LTE Band 17

Communication System: LTE band 17 (0); Communication System Band: LTE 17; Frequency: 709 MHz
Medium Parameters used: f=709 MHz; σ = 0.921 S/m; ε_r = 54.728; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

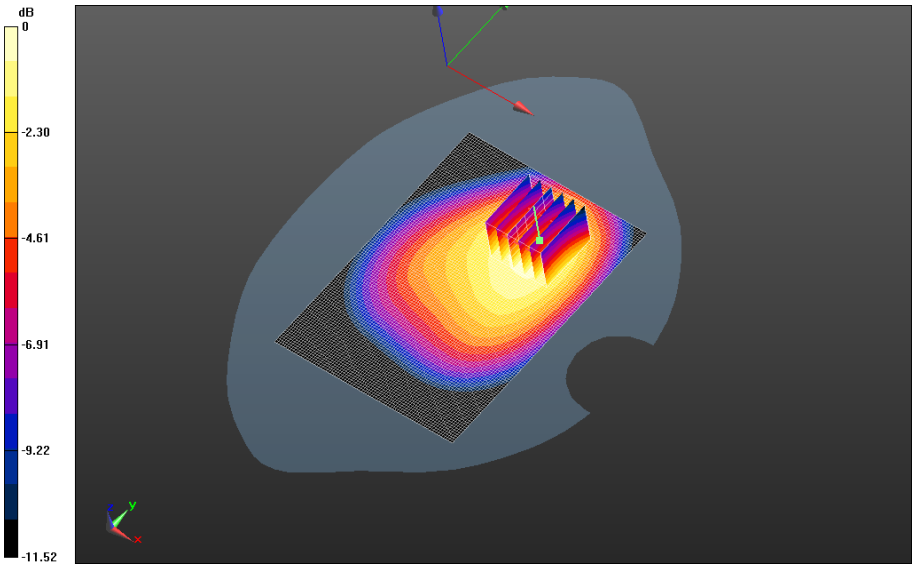
- Probe: ES3DV3 - SN3225; ConvF: (6.28,6.28,6.28); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE Band 17/15mm Device Back - LTE band 17_chan23780_10MHz_BW_RB1_Offset_High_amb_temp_23.8C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.383 V/m; **Power Drift = -0.00641 dB**

Fast SAR: SAR(1g) = 0.375 W/kg; SAR(10g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 0.419 W/kg

Body Worn MSL - LTE Band 17/15mm Device Back - LTE band 17_chan23780_10MHz_BW_RB1_Offset_High_amb_temp_23.8C_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 = 16.383 V/m; **Power Drift = -0.00641 dB**

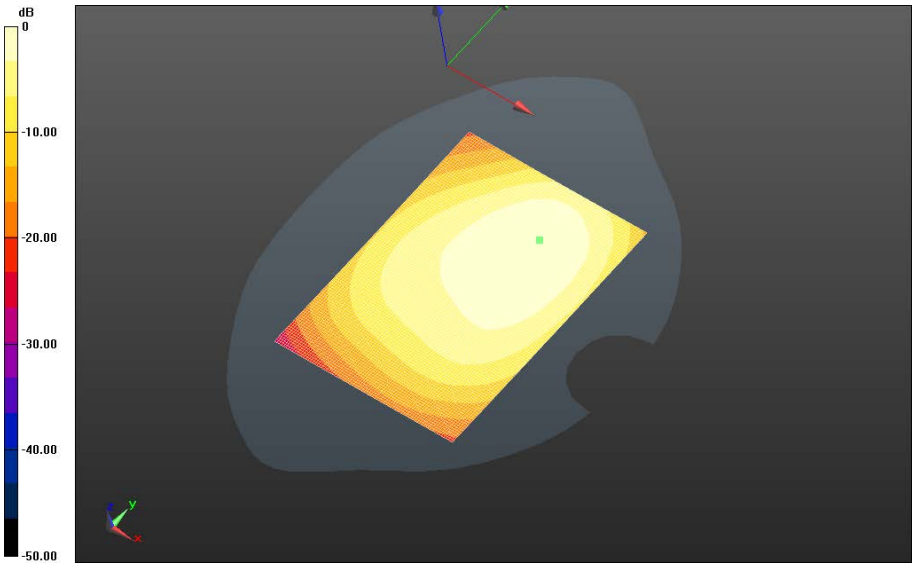
Averaged SAR: SAR(1g) = 0.378 W/kg; SAR(10g) = 0.270 W/kg
Maximum value of SAR (interpolated) = 0.505 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

Body Worn MSL - LTE Band 17/15mm Device Back - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.8C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.242 V/m; **Power Drift = -0.036 dB**

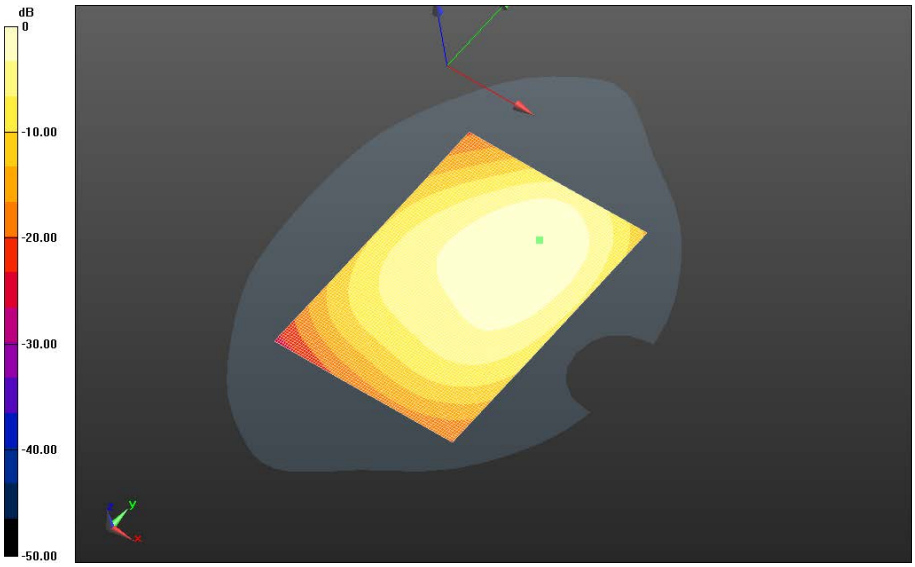
Fast SAR: SAR(1g) = 0.368 W/kg; SAR(10g) = 0.255 W/kg
Maximum value of SAR (interpolated) = 0.412 W/kg



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

Body Worn MSL - LTE Band 17/15mm Device Back - LTE band 17_chan23800_10MHz_BW_RB1_Offset_High_amb_temp_23.7C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.350 V/m; **Power Drift = -0.00614 dB**

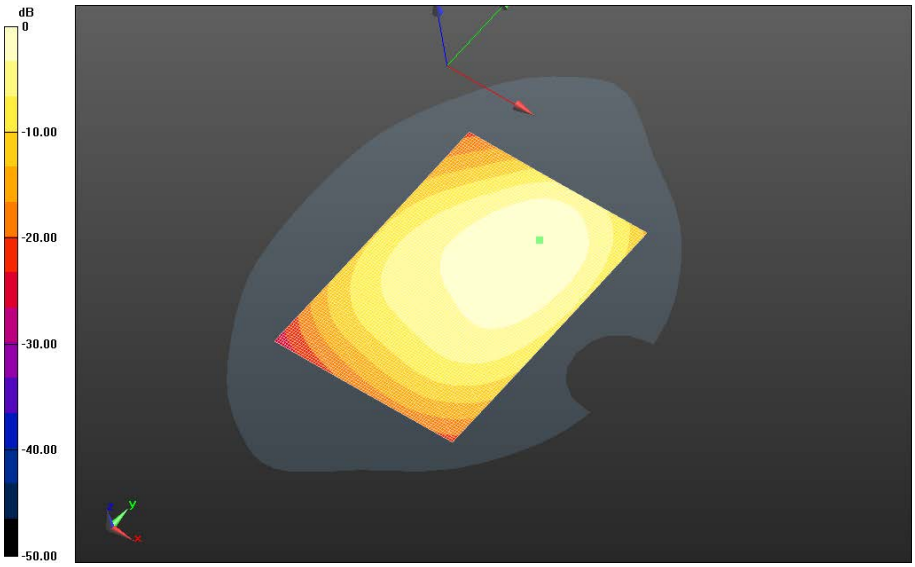
Fast SAR: SAR(1g) = 0.366 W/kg; SAR(10g) = 0.254 W/kg
Maximum value of SAR (interpolated) = 0.409 W/kg



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

Body Worn MSL - LTE Band 17/15mm Device Back - LTE band 17_chan23800_10MHz_BW_RB25_Offset_High_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.702 V/m; **Power Drift = 0.048 dB**

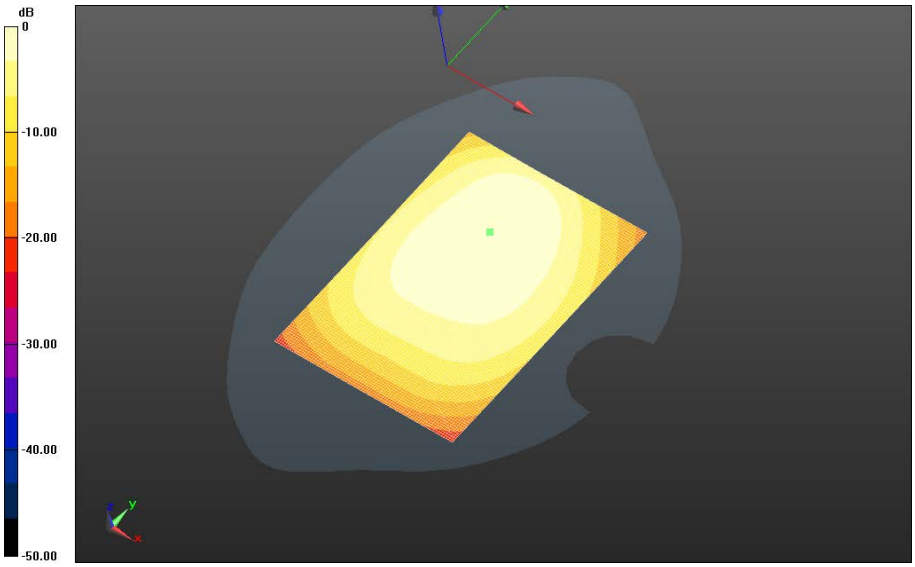
Fast SAR: SAR(1g) = 0.304 W/kg; SAR(10g) = 0.210 W/kg
Maximum value of SAR (interpolated) = 0.340 W/kg



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

Body Worn MSL - LTE Band 17/15mm Device Front - LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.8C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.764 V/m; **Power Drift = -0.00623 dB**

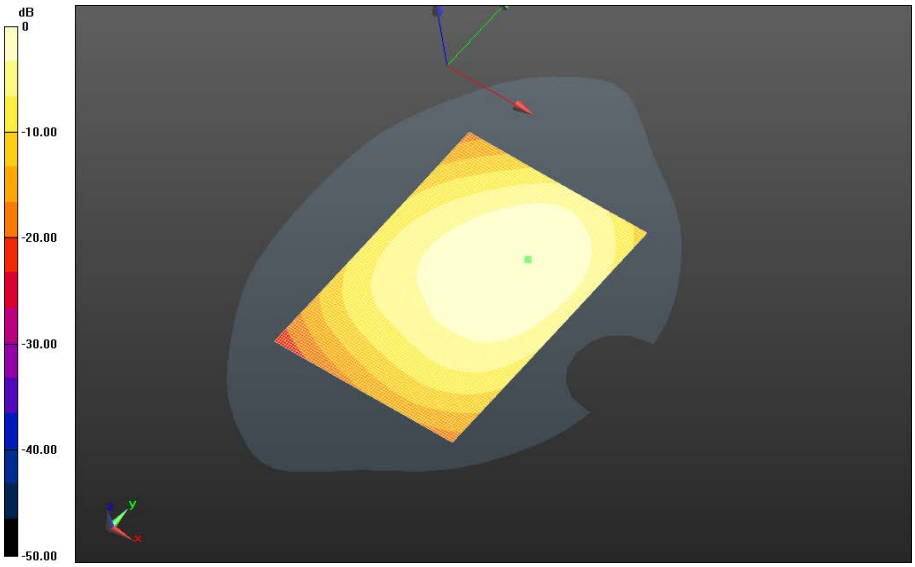
Fast SAR: SAR(1g) = 0.269 W/kg; SAR(10g) = 0.190 W/kg
Maximum value of SAR (interpolated) = 0.295 W/kg



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

Body Worn MSL - LTE Band 17/Holster Device Back-LTE band 17_chan23790_10MHz_BW_RB1_Offset_High_amb_temp_23.9C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.977 V/m; **Power Drift = 0.015 dB**

Fast SAR: SAR(1g) = 0.272 W/kg; SAR(10g) = 0.192 W/kg
Maximum value of SAR (interpolated) = 0.298 W/kg



0 dB = 0.298 W/kg = -5.26 dBW/kg

LTE Band 5

Date: 11/18/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD1D

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 = 0.960 S/m; ε_r = 53.082; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

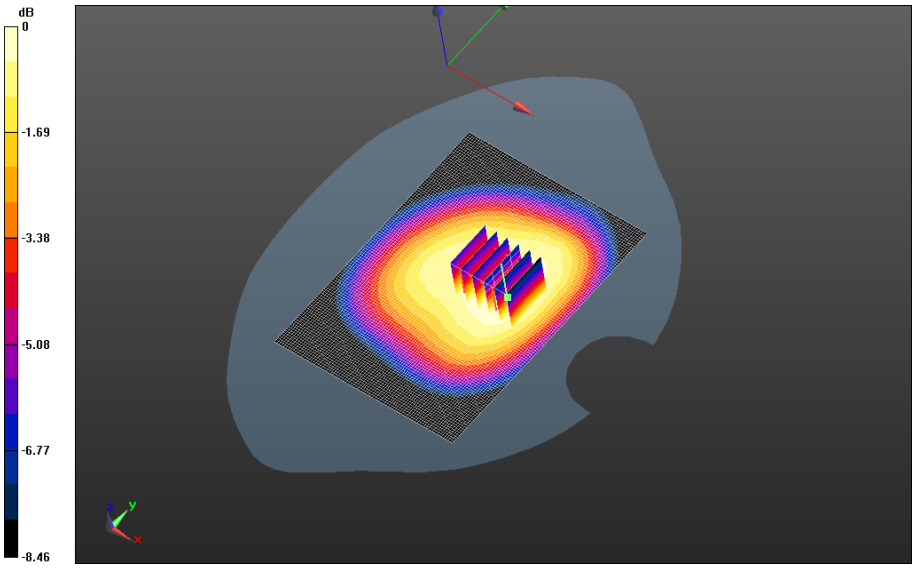
- Probe: ES3DV3 - SN3225; ConvF: (6.09,6.09,6.09); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE Band 5/15mm Device Back - LTE band 5_chan20450_10MHz_BW_RB1_Offset_High_amb_temp_23.9C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.928 V/m; **Power Drift = -0.067 dB**

Fast SAR: SAR(1g) = 0.433 W/kg; SAR(10g) = 0.306 W/kg
Maximum value of SAR (interpolated) = 0.491 W/kg

Body Worn MSL - LTE Band 5/15mm Device Back - LTE band 5_chan20450_10MHz_BW_RB1_Offset_High_amb_temp_23.9C_liq_temp_21.7C/Zoom Scan (26x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 21.928 V/m; **Power Drift = -0.067 dB**

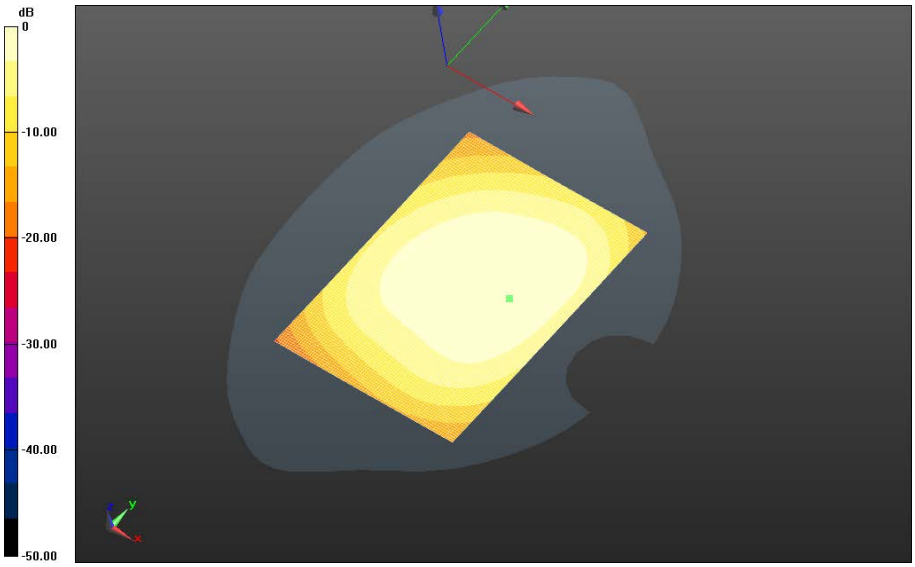
Averaged SAR: SAR(1g) = 0.438 W/kg; SAR(10g) = 0.332 W/kg
Maximum value of SAR (interpolated) = 0.564 W/kg



0 dB = 0.482 W/kg = -3.17 dBW/kg

Body Worn MSL - LTE Band 5/15mm Device Back - LTE band 5_chan20525_10MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.828 V/m; **Power Drift = 0.053 dB**

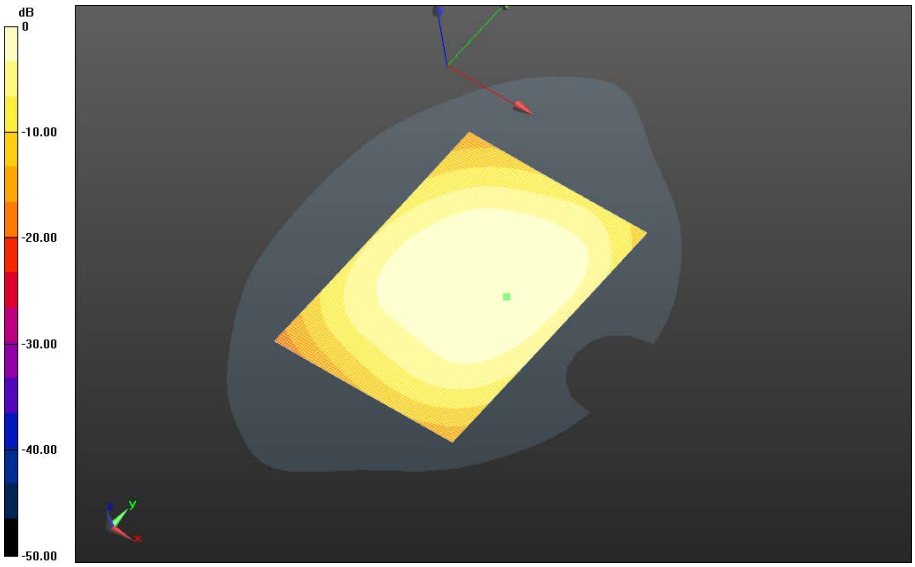
Fast SAR: SAR(1g) = 0.433 W/kg; SAR(10g) = 0.306 W/kg
Maximum value of SAR (interpolated) = 0.493 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

Body Worn MSL - LTE Band 5/15mm Device Back - LTE band 5_chan20600_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 20.054 V/m; **Power Drift = -0.00497 dB**

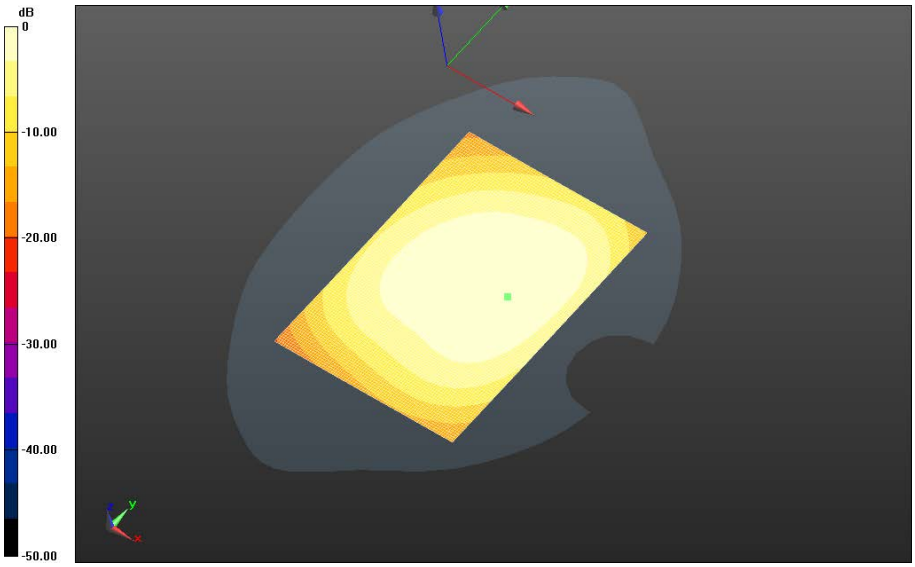
Fast SAR: SAR(1g) = 0.357 W/kg; SAR(10g) = 0.254 W/kg
Maximum value of SAR (interpolated) = 0.405 W/kg



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

Body Worn MSL - LTE Band 5/15mm Device Back - LTE band 5_chan20450_10MHz_BW_RB25_Offset_High_amb_temp_23.7C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 19.427 V/m; **Power Drift = 0.044 dB**

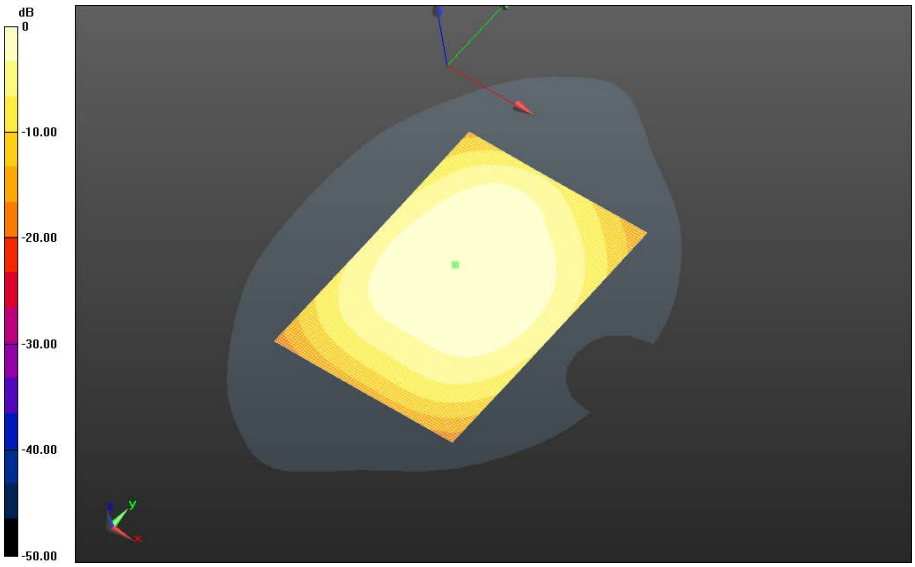
Fast SAR: SAR(1g) = 0.344 W/kg; SAR(10g) = 0.243 W/kg
Maximum value of SAR (interpolated) = 0.390 W/kg



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

Body Worn MSL - LTE Band 5/15mm Device Front - LTE band 5_chan20450_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.267 V/m; **Power Drift = -0.000841 dB**

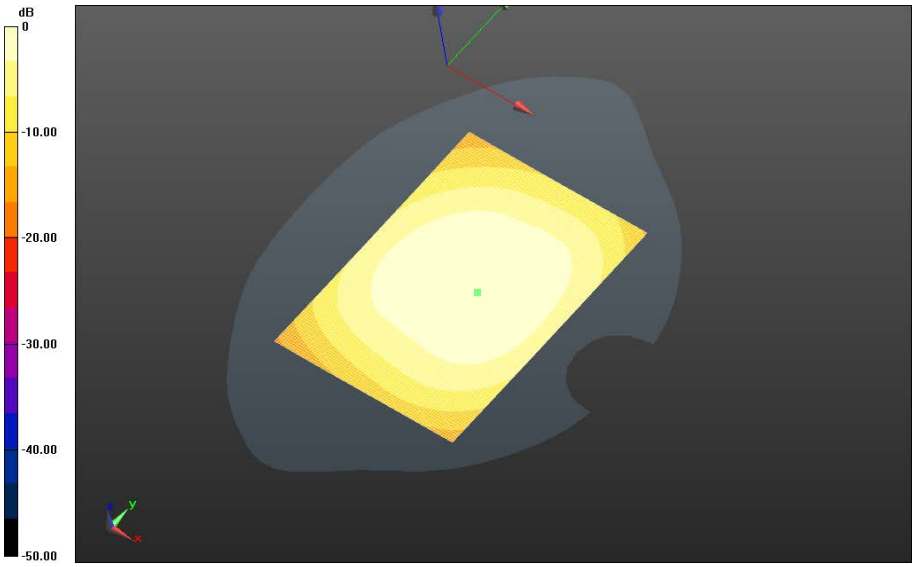
Fast SAR: SAR(1g) = 0.414 W/kg; SAR(10g) = 0.293 W/kg
Maximum value of SAR (interpolated) = 0.469 W/kg



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

Body Worn MSL - LTE Band 5/Holster Device Back- LTE band 5_chan20450_10MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.798 V/m; **Power Drift = 0.045 dB**

Fast SAR: SAR(1g) = 0.387 W/kg; SAR(10g) = 0.275 W/kg
Maximum value of SAR (interpolated) = 0.437 W/kg



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

GSM 850

Date: 11/18/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

Configuration: Body Worn MSL - GPRS 850

Communication System: GPRS 850 (3 slots) (0); Communication System Band: GPRS 850 (3 slots); Frequency: 824.2 MHz
Medium Parameters used: f=825 MHz; σ = 0.955 S/m; ε_r = 53.108; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

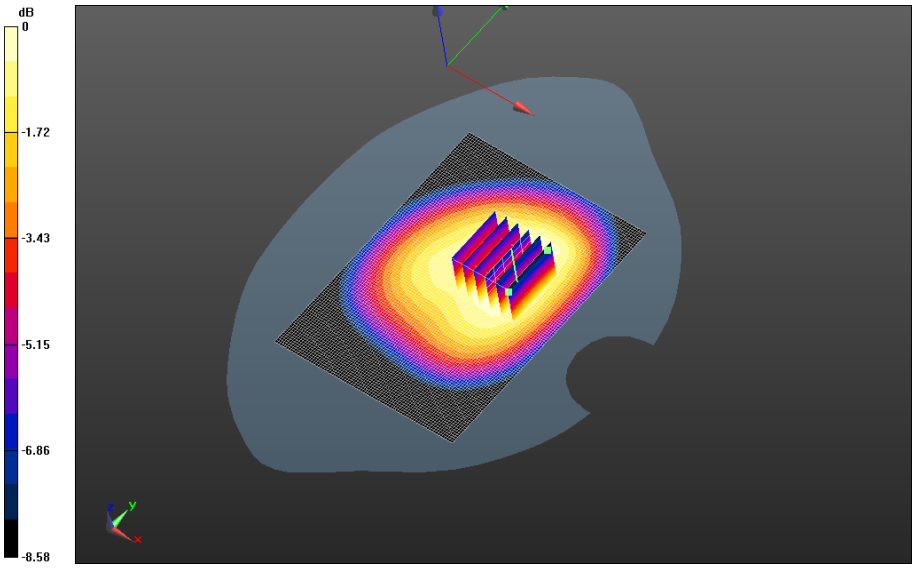
- Probe: ES3DV3 - SN3225; ConvF: (6.09,6.09,6.09); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - GPRS 850/15mm Device Back - GPRS850_3-slots_chan128_amb_temp_23.3C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.481 V/m; **Power Drift = 0.050 dB**

Fast SAR: SAR(1g) = 0.544 W/kg; SAR(10g) = 0.387 W/kg
Maximum value of SAR (interpolated) = 0.612 W/kg

Body Worn MSL - GPRS 850/15mm Device Back - GPRS850_3-slots_chan128_amb_temp_23.3C_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 = 24.481 V/m; **Power Drift = 0.050 dB**

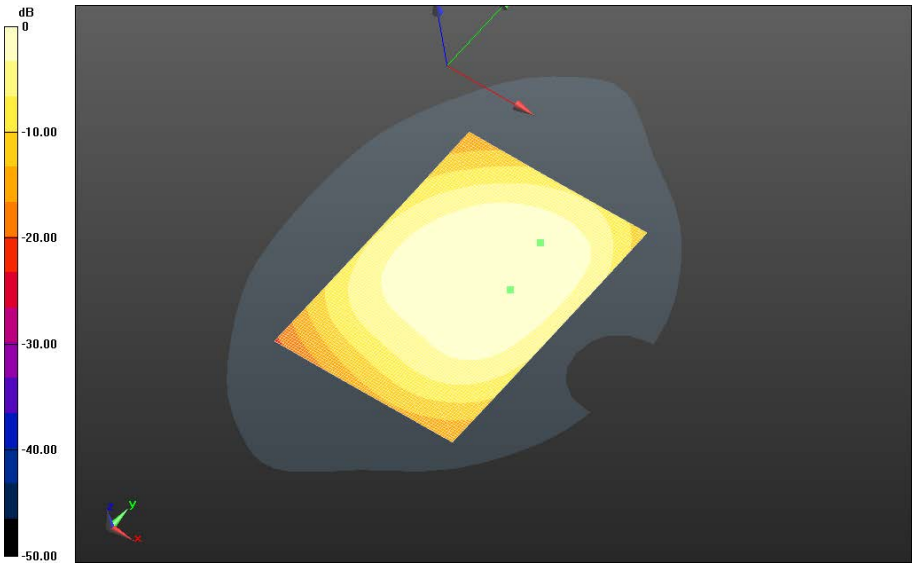
Averaged SAR: SAR(1g) = 0.561 W/kg; SAR(10g) = 0.426 W/kg
Maximum value of SAR (interpolated) = 0.732 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg

Body Worn MSL - GPRS 850/15mm Device Back - GPRS850_3-slots_chan190_amb_temp_23.3C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.290 V/m; **Power Drift = 0.029 dB**

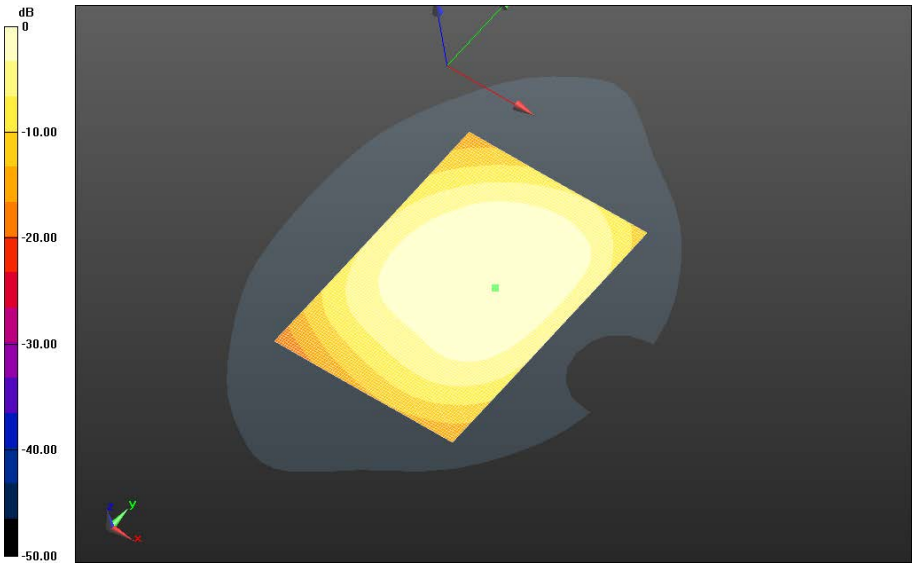
Fast SAR: SAR(1g) = 0.532 W/kg; SAR(10g) = 0.378 W/kg
Maximum value of SAR (interpolated) = 0.601 W/kg



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

Body Worn MSL - GPRS 850/15mm Device Back - GPRS850_3-slots_chan251_amb_temp_23.3C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 21.947 V/m; **Power Drift = -0.015 dB**

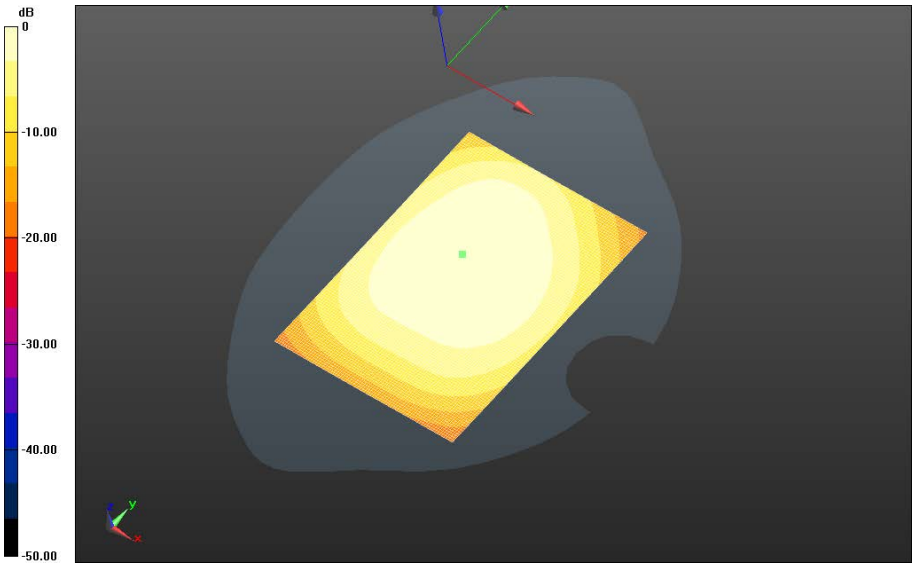
Fast SAR: SAR(1g) = 0.433 W/kg; SAR(10g) = 0.307 W/kg
Maximum value of SAR (interpolated) = 0.492 W/kg



0 dB = 0.492 W/kg = -3.08 dBW/kg

Body Worn MSL - GPRS 850/15mm Device Front - GPRS850_3-slots_chan128_amb_temp_23.5C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.621 V/m; **Power Drift = -0.024 dB**

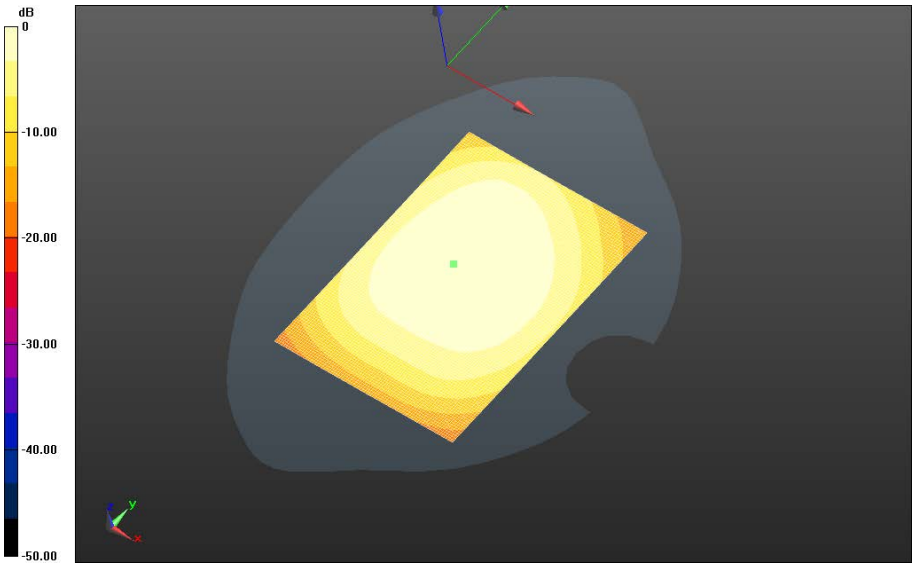
Fast SAR: SAR(1g) = 0.525 W/kg; SAR(10g) = 0.373 W/kg
Maximum value of SAR (interpolated) = 0.592 W/kg



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

Body Worn MSL - GPRS 850/15mm Device Front - GPRS850_3-slots_chan190_amb_temp_23.4C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.954 V/m; **Power Drift = -0.00895 dB**

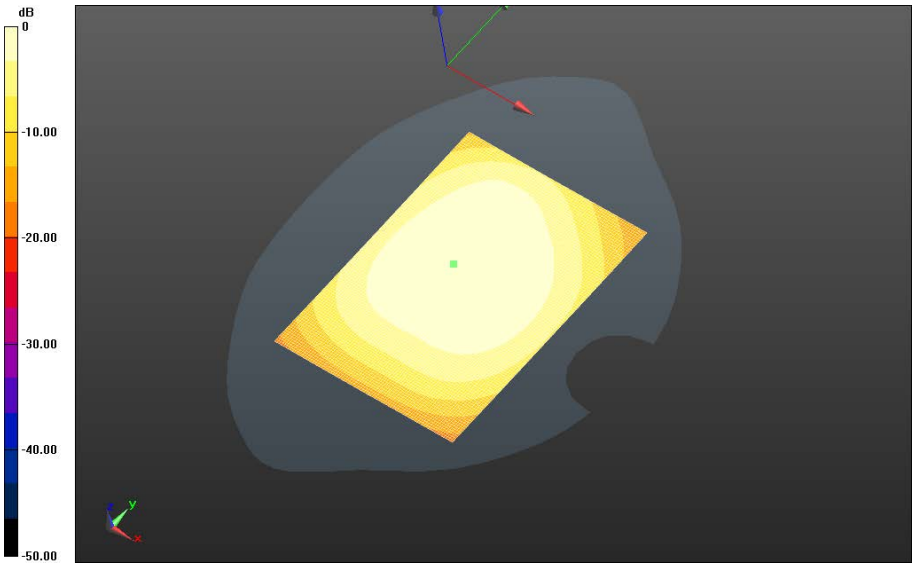
Fast SAR: SAR(1g) = 0.536 W/kg; SAR(10g) = 0.380 W/kg
Maximum value of SAR (interpolated) = 0.607 W/kg



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

Body Worn MSL - GPRS 850/15mm Device Front - GPRS850_3-slots_chan251_amb_temp_23.4C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.977 V/m; **Power Drift = -0.099 dB**

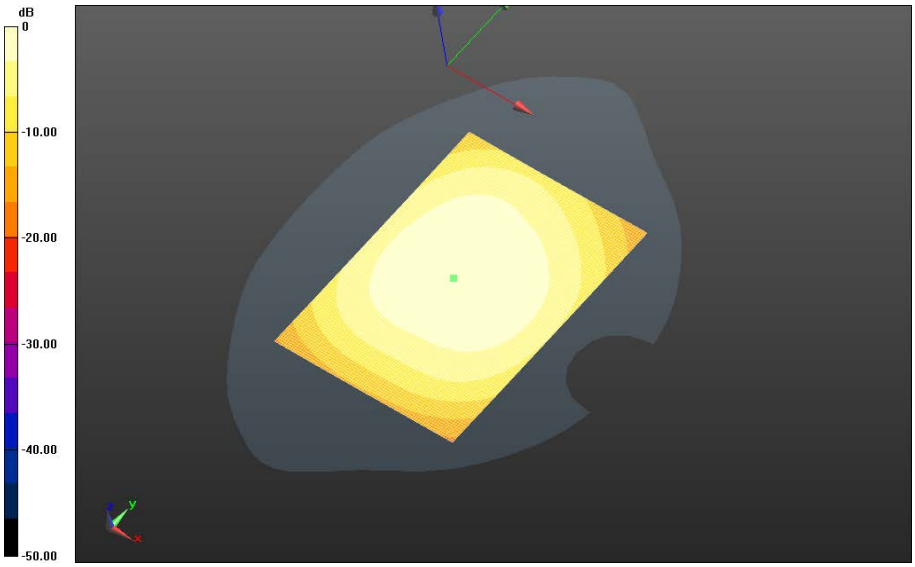
Fast SAR: SAR(1g) = 0.445 W/kg; SAR(10g) = 0.315 W/kg
Maximum value of SAR (interpolated) = 0.504 W/kg



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

Body Worn MSL - GPRS 850/Holster Device Front - GPRS850_3-slots_chan190_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.030 V/m; **Power Drift = -0.136 dB**

Fast SAR: SAR(1g) = 0.504 W/kg; SAR(10g) = 0.356 W/kg
Maximum value of SAR (interpolated) = 0.570 W/kg



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

UMTS Band V

Date: 11/17/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD1D

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 = 0.957 S/m; ε_r = 53.099; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

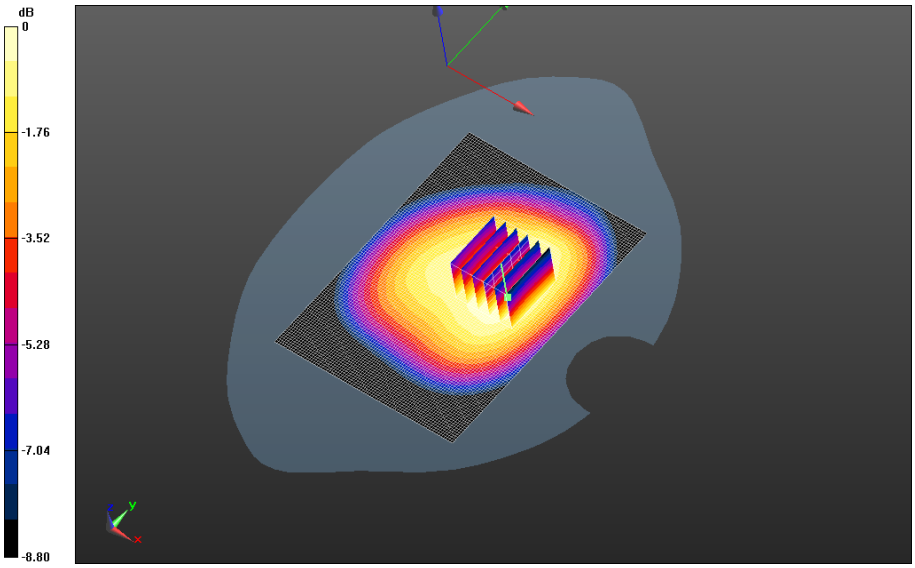
- Probe: ES3DV3 - SN3225; ConvF: (6.09,6.09,6.09); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS Band V/15mm Device Back - UMTS band V_chan4132_amb_temp_22.9C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 25.428 V/m; **Power Drift = 0.021 dB**

Fast SAR: SAR(1g) = 0.595 W/kg; SAR(10g) = 0.420 W/kg
Maximum value of SAR (interpolated) = 0.674 W/kg

Body Worn MSL - UMTS Band V/15mm Device Back - UMTS band V_chan4132_amb_temp_22.9C_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 = 25.428 V/m; **Power Drift = 0.021 dB**

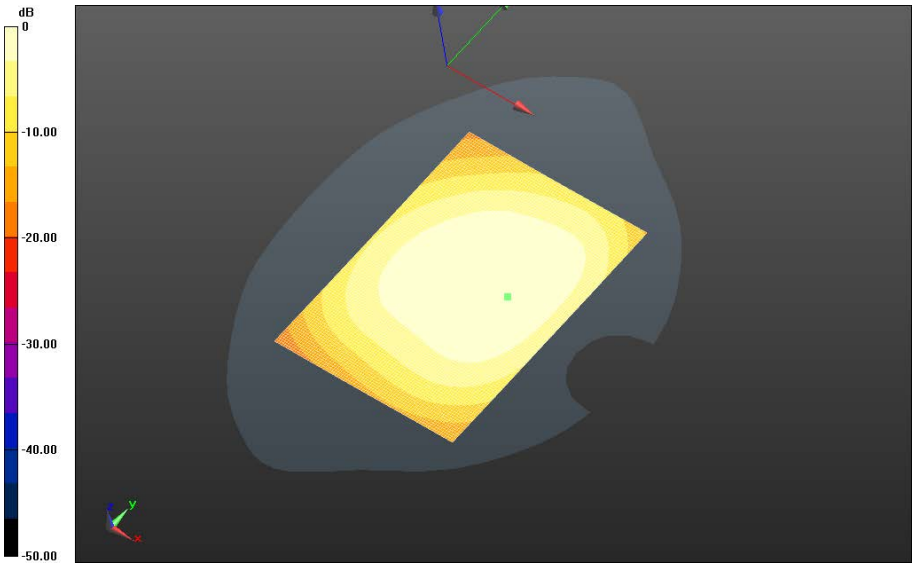
Averaged SAR: SAR(1g) = 0.608 W/kg; SAR(10g) = 0.458 W/kg
Maximum value of SAR (interpolated) = 0.791 W/kg



0 dB = 0.669 W/kg = -1.75 dBW/kg

Body Worn MSL - UMTS Band V/15mm Device Back - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.563 V/m; **Power Drift = -0.068 dB**

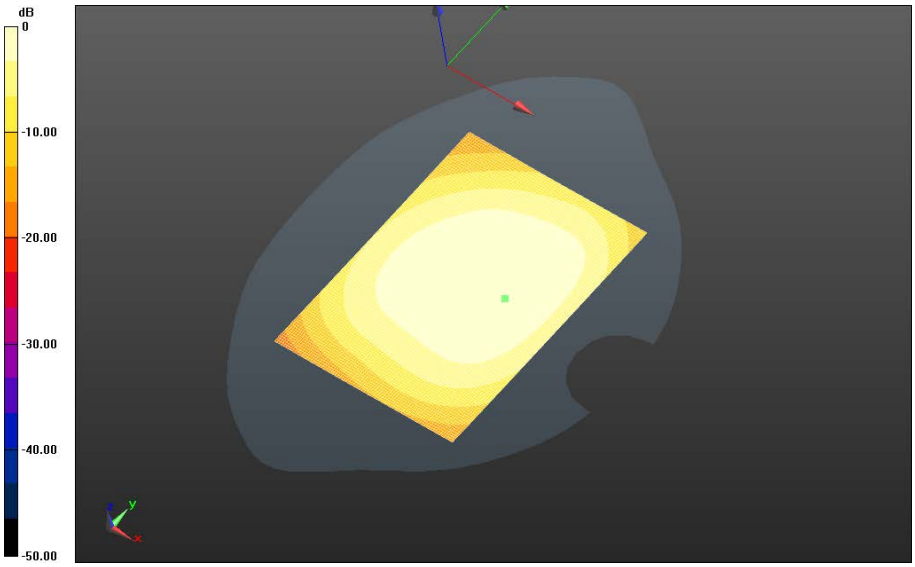
Fast SAR: SAR(1g) = 0.549 W/kg; SAR(10g) = 0.388 W/kg
Maximum value of SAR (interpolated) = 0.625 W/kg



0 dB = 0.625 W/kg = -2.04 dBW/kg

Body Worn MSL - UMTS Band V/15mm Device Back - UMTS band V_chan4233_amb_temp_23.6C_liq_temp_21.9C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 22.980 V/m; **Power Drift = 0.007 dB**

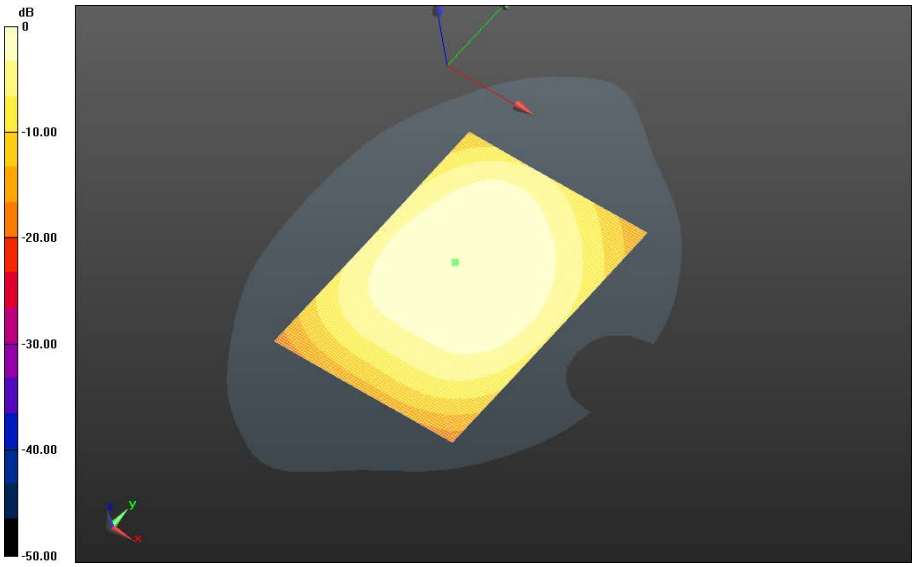
Fast SAR: SAR(1g) = 0.477 W/kg; SAR(10g) = 0.337 W/kg
Maximum value of SAR (interpolated) = 0.540 W/kg



0 dB = 0.540 W/kg = -2.68 dBW/kg

Body Worn MSL - UMTS Band V/15mm Device Front - UMTS band V_chan4182_amb_temp_23.7C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.759 V/m; **Power Drift = -0.039 dB**

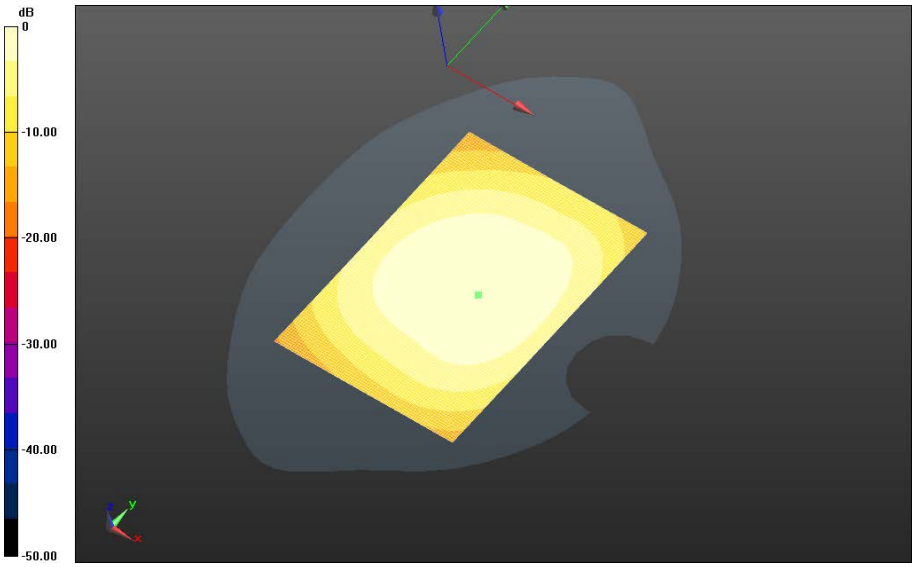
Fast SAR: SAR(1g) = 0.517 W/kg; SAR(10g) = 0.367 W/kg
Maximum value of SAR (interpolated) = 0.585 W/kg



0 dB = 0.585 W/kg = -2.33 dBW/kg

Body Worn MSL - UMTS Band V/Holster Device Back - UMTS band V_chan4182_amb_temp_23.7C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 24.458 V/m; **Power Drift = -0.017 dB**

Fast SAR: SAR(1g) = 0.486 W/kg; SAR(10g) = 0.345 W/kg
Maximum value of SAR (interpolated) = 0.550 W/kg



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

LTE Band 4

Date: 11/13/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

Configuration: Body Worn MSL - LTE Band 4

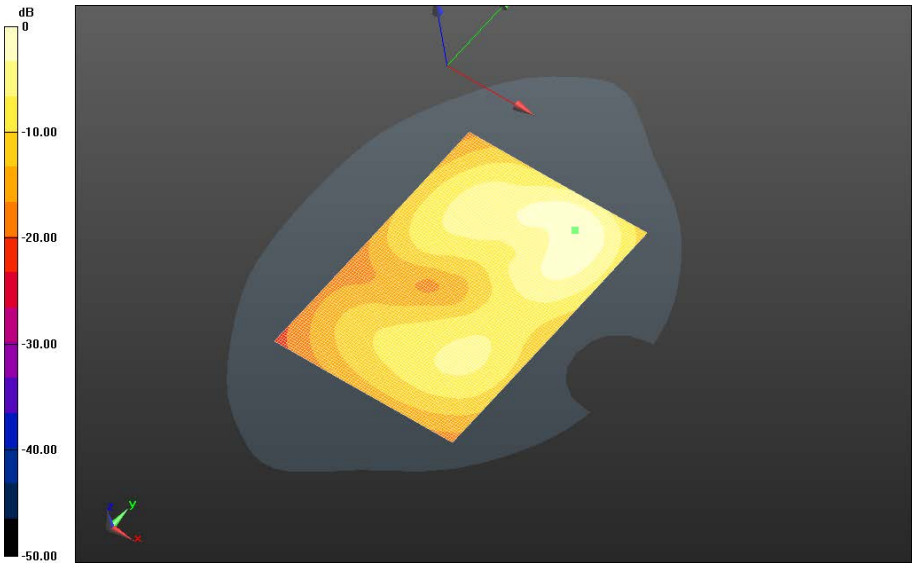
Communication System: LTE 4 (0); Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.505 S/m; ε_r = 50.864; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE Band 4/15mm Device Back - LTE band 4_chan20050_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.723 V/m; **Power Drift = 0.269 dB**

Fast SAR: SAR(1g) = 0.686 W/kg; SAR(10g) = 0.390 W/kg
Maximum value of SAR (interpolated) = 0.866 W/kg



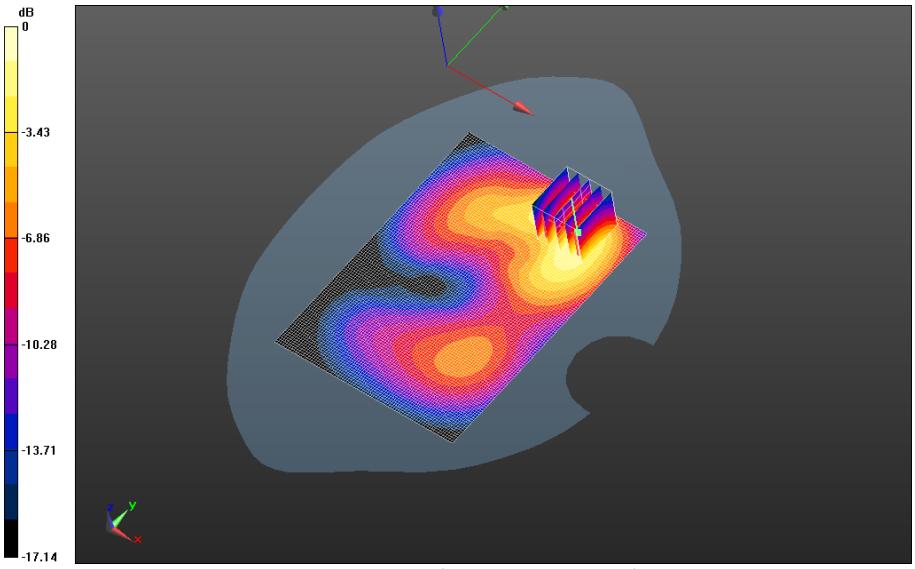
0 dB = 0.866 W/kg = -0.62 dBW/kg

Body Worn MSL - LTE Band 4/15mm Device Back - LTE band 4_chan20175_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.763 V/m; **Power Drift = 0.168 dB**

Fast SAR: SAR(1g) = 0.699 W/kg; SAR(10g) = 0.398 W/kg
Maximum value of SAR (interpolated) = 0.884 W/kg

Body Worn MSL - LTE Band 4/15mm Device Back - LTE band 4_chan20175_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.7C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 4.763 V/m; **Power Drift = 0.168 dB**

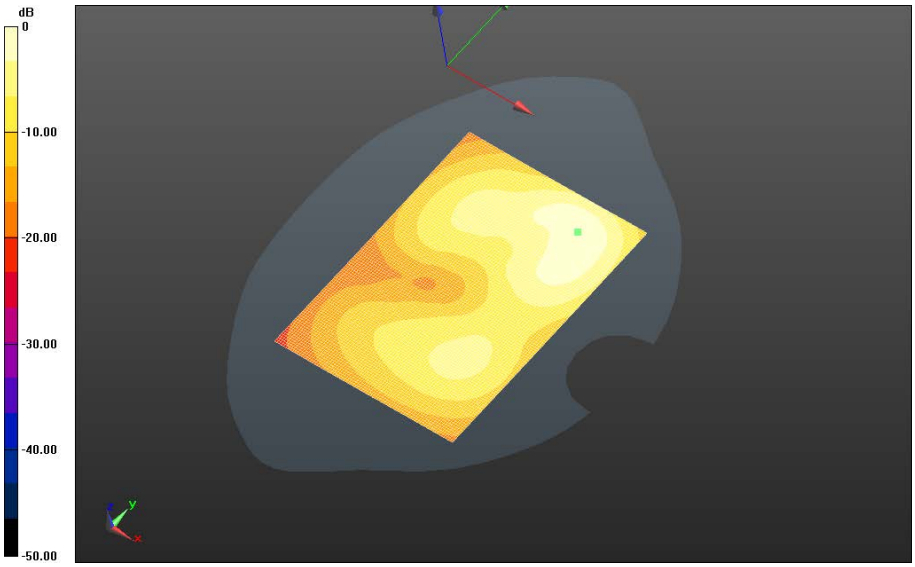
Averaged SAR: SAR(1g) = 0.758 W/kg; SAR(10g) = 0.438 W/kg
Maximum value of SAR (interpolated) = 1.21 W/kg



0 dB = 0.917 W/kg = -0.38 dBW/kg

Body Worn MSL - LTE Band 4/15mm Device Back - LTE band 4_chan20300_20MHz_BW_RB1_Offset_High_amb_temp_23.5C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.987 V/m; **Power Drift = 0.041 dB**

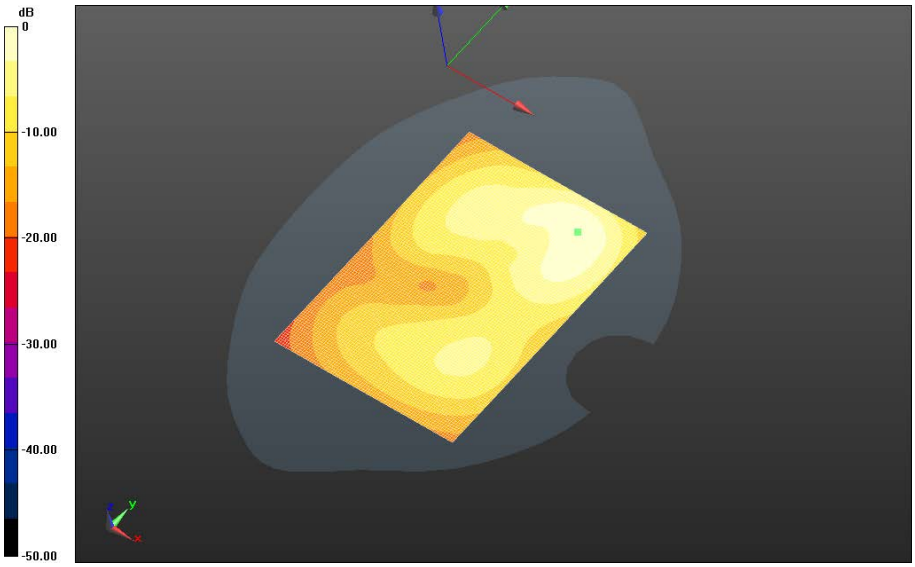
Fast SAR: SAR(1g) = 0.679 W/kg; SAR(10g) = 0.389 W/kg
Maximum value of SAR (interpolated) = 0.858 W/kg



0 dB = 0.858 W/kg = -0.67 dBW/kg

Body Worn MSL - LTE Band 4/15mm Device Back - LTE band 4_chan20175_20MHz_BW_RB50_Offset_High_amb_temp_23.5C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.308 V/m; **Power Drift = 0.063 dB**

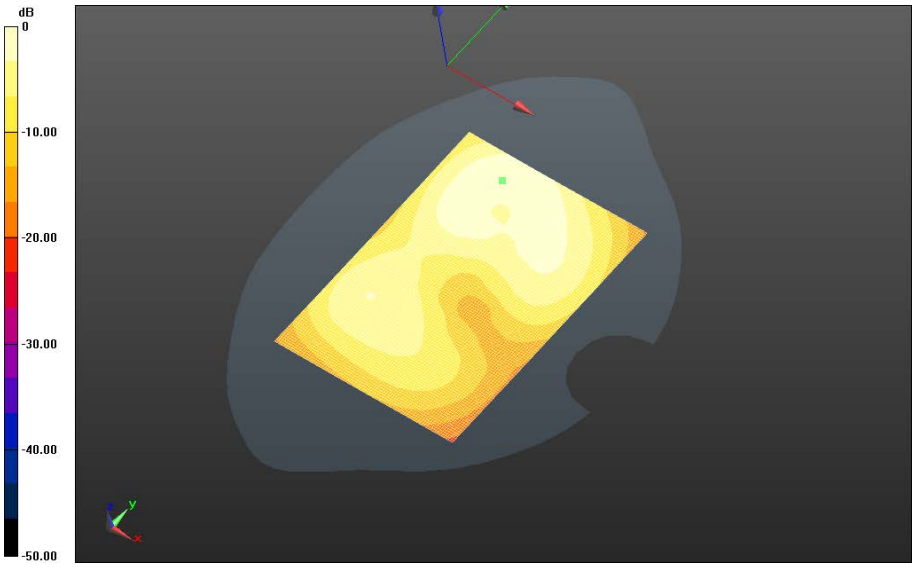
Fast SAR: SAR(1g) = 0.563 W/kg; SAR(10g) = 0.320 W/kg
Maximum value of SAR (interpolated) = 0.711 W/kg



0 dB = 0.711 W/kg = -1.48 dBW/kg

Body Worn MSL - LTE Band 4/15mm Device Front - LTE band 4_chan20175_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.645 V/m; **Power Drift = 0.029 dB**

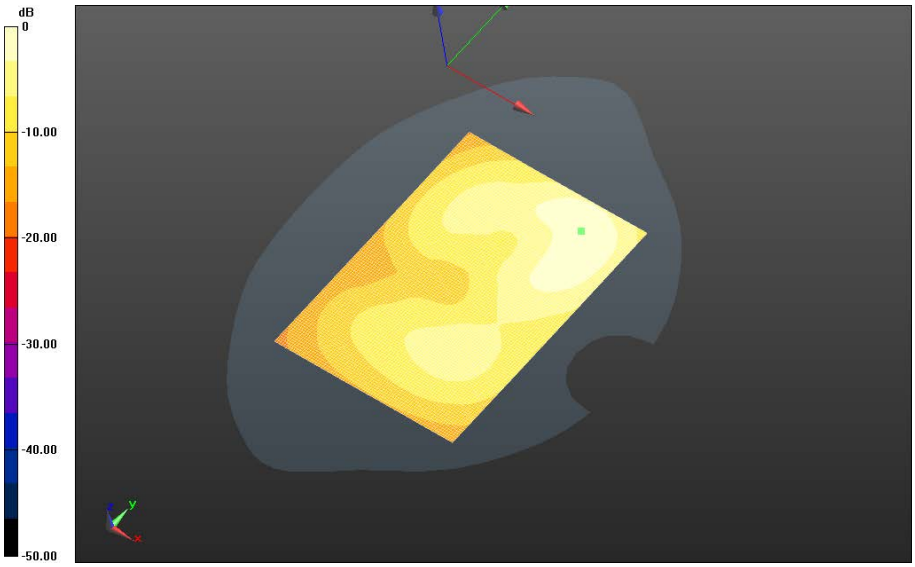
Fast SAR: SAR(1g) = 0.432 W/kg; SAR(10g) = 0.259 W/kg
Maximum value of SAR (interpolated) = 0.527 W/kg



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

Body Worn MSL - LTE Band 4/Holster Device Back- LTE band 4_chan20175_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.021 V/m; **Power Drift = 0.015 dB**

Fast SAR: SAR(1g) = 0.455 W/kg; SAR(10g) = 0.264 W/kg
Maximum value of SAR (interpolated) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg

UMTS Band IV

Date: 11/14/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

Configuration: Body Worn MSL - UMTS Band IV

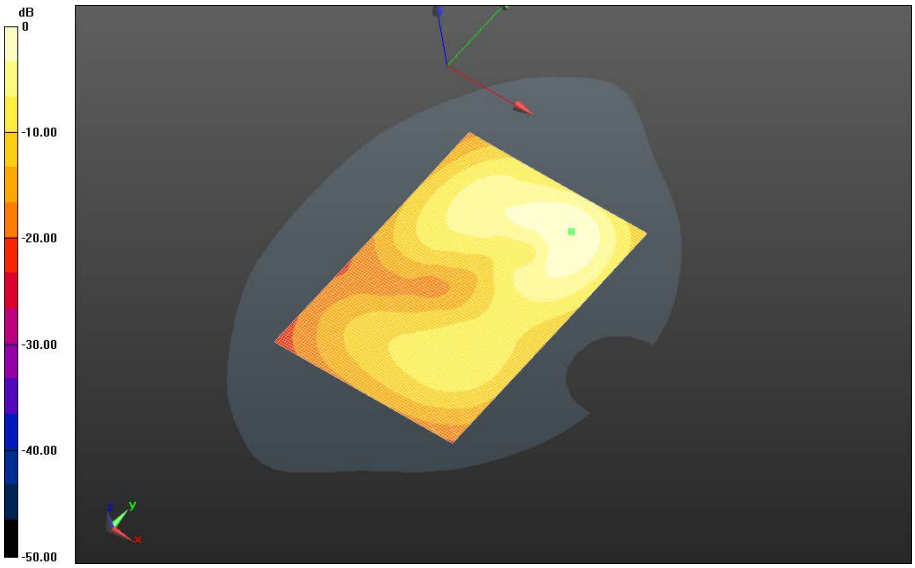
Communication System: WCDMA FDD IV (0); Communication System Band: UMTS band IV;
Frequency: 1712.4 MHz
Medium Parameters used: f=1712.4 MHz; σ = 1.498 S/m; ε_r = 50.884; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS Band IV/15mm Device Back - UMTS band IV_chan1312_amb_temp_23.4C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.222 V/m; **Power Drift = 0.079 dB**

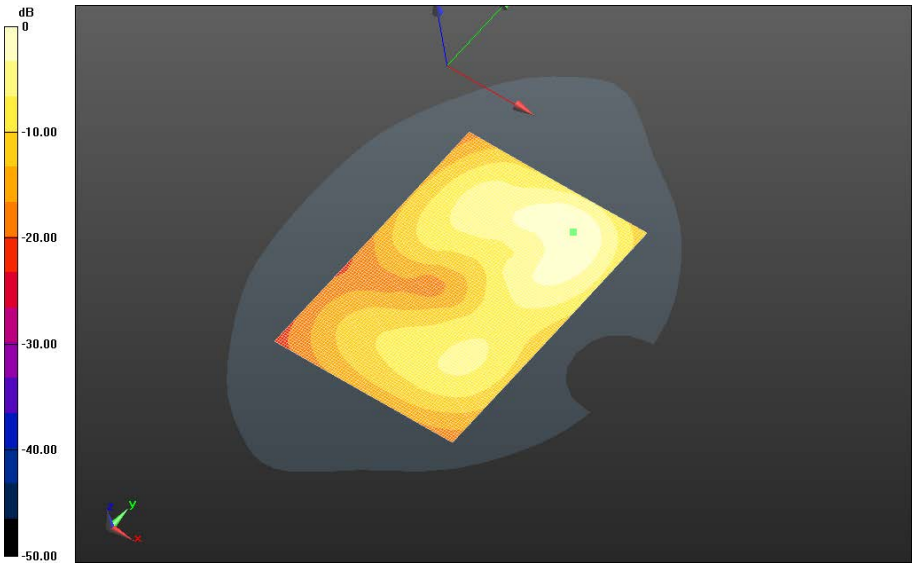
Fast SAR: SAR(1g) = 0.694 W/kg; SAR(10g) = 0.397 W/kg
Maximum value of SAR (interpolated) = 0.872 W/kg



0 dB = 0.872 W/kg = -0.59 dBW/kg

Body Worn MSL - UMTS Band IV/15mm Device Back - UMTS band IV_chan1413_amb_temp_23.1C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.012 V/m; **Power Drift = -0.061 dB**

Fast SAR: SAR(1g) = 0.724 W/kg; SAR(10g) = 0.419 W/kg
Maximum value of SAR (interpolated) = 0.908 W/kg



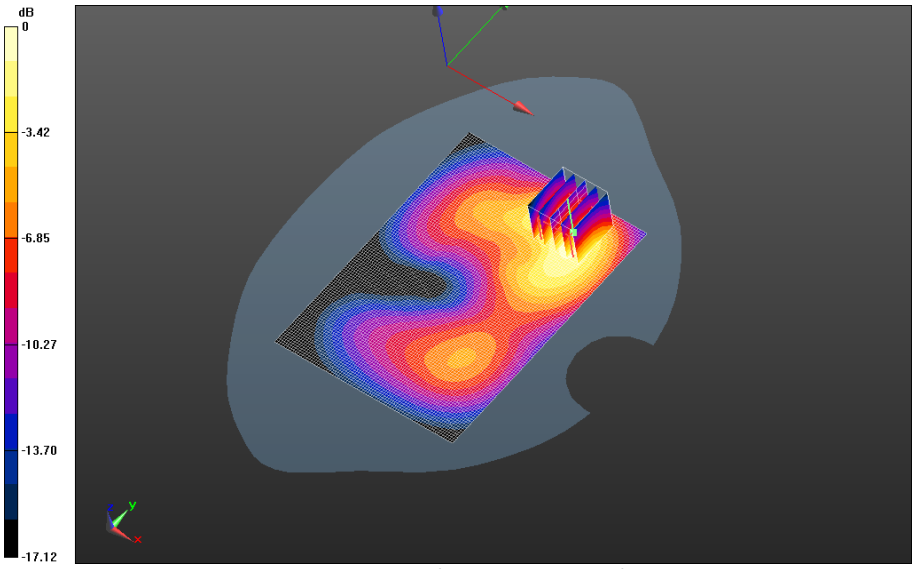
0 dB = 0.908 W/kg = -0.42 dBW/kg

Body Worn MSL - UMTS Band IV/15mm Device Back - UMTS band IV_chan1513_amb_temp_23.1C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.799 V/m; **Power Drift = -0.110 dB**

Fast SAR: SAR(1g) = 0.756 W/kg; SAR(10g) = 0.443 W/kg
Maximum value of SAR (interpolated) = 0.946 W/kg

Body Worn MSL - UMTS Band IV/15mm Device Back - UMTS band IV_chan1513_amb_temp_23.1C_liq_temp_21.6C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 5.799 V/m; **Power Drift = -0.110 dB**

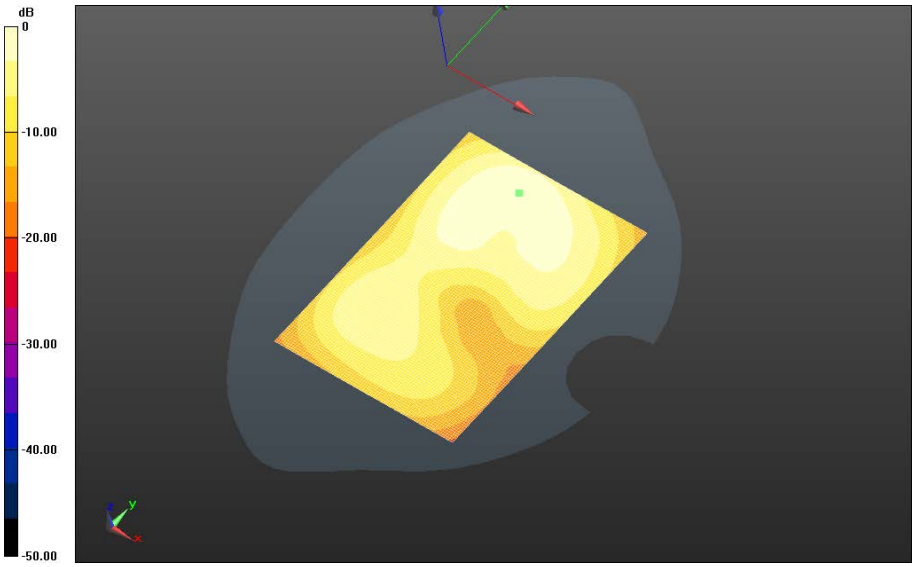
Averaged SAR: SAR(1g) = 0.828 W/kg; SAR(10g) = 0.478 W/kg
Maximum value of SAR (interpolated) = 1.33 W/kg



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

Body Worn MSL - UMTS Band IV/15mm Device Front - UMTS band IV_chan1413_amb_temp_23.0C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.862 V/m; **Power Drift = 0.049 dB**

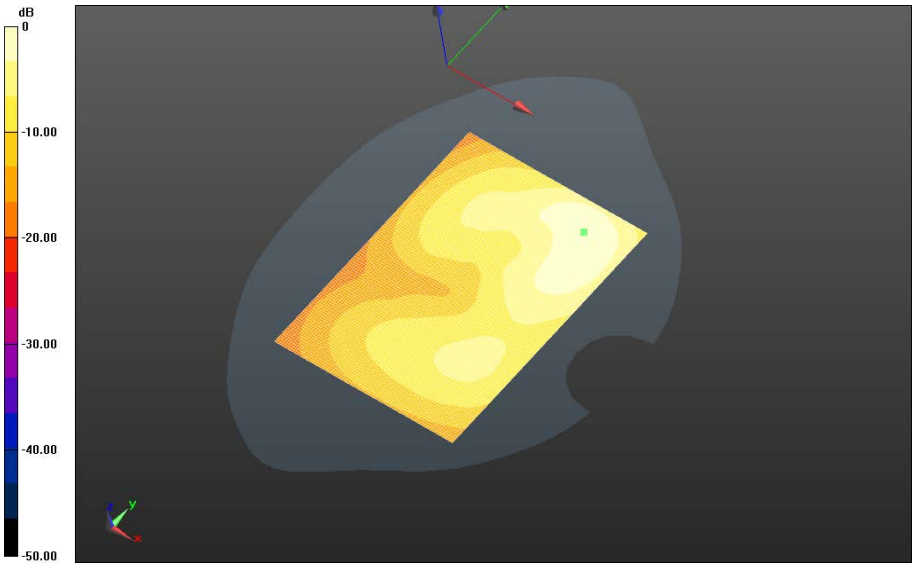
Fast SAR: SAR(1g) = 0.407 W/kg; SAR(10g) = 0.233 W/kg
Maximum value of SAR (interpolated) = 0.513 W/kg



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

Body Worn MSL - UMTS Band IV/Holster Device Back - UMTS band IV_chan1413_amb_temp_23.0C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.630 V/m; **Power Drift = -0.059 dB**

Fast SAR: SAR(1g) = 0.548 W/kg; SAR(10g) = 0.317 W/kg
Maximum value of SAR (interpolated) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

LTE Band 2

Date: 11/13/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

Configuration: Body Worn MSL - LTE Band 2

Communication System: LTE 2 (0); Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.530 S/m; ε_r = 52.293; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

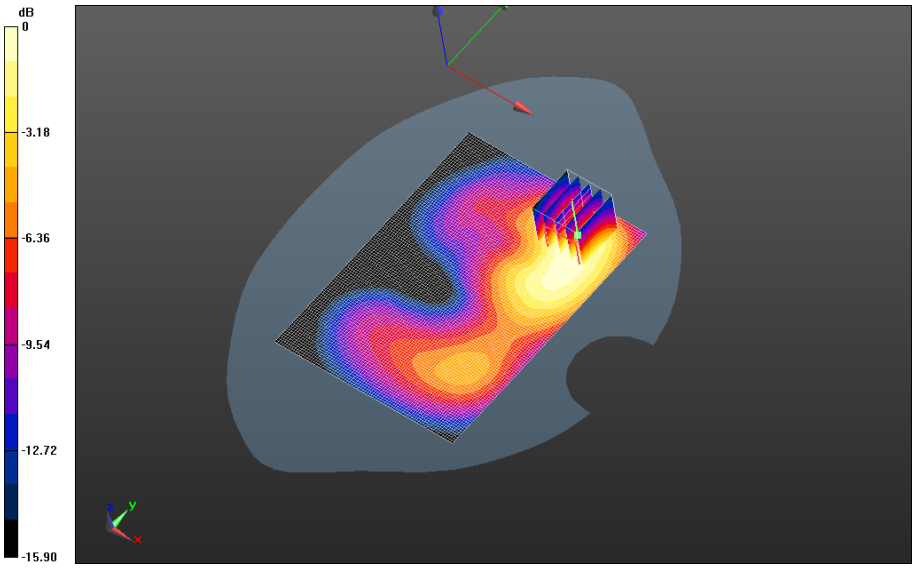
- Probe: ES3DV3 - SN3225; ConvF: (4.93,4.93,4.93); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - LTE Band 2/15mm Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.382 V/m; **Power Drift = 0.175 dB**

Fast SAR: SAR(1g) = 0.477 W/kg; SAR(10g) = 0.286 W/kg
Maximum value of SAR (interpolated) = 0.590 W/kg

Body Worn MSL - LTE Band 2/15mm Device Back - LTE band 2_chan18700_20MHz_BW_RB1_Offset_Low_amb_temp_23.9C_liq_temp_21.8C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 5.382 V/m; **Power Drift = 0.175 dB**

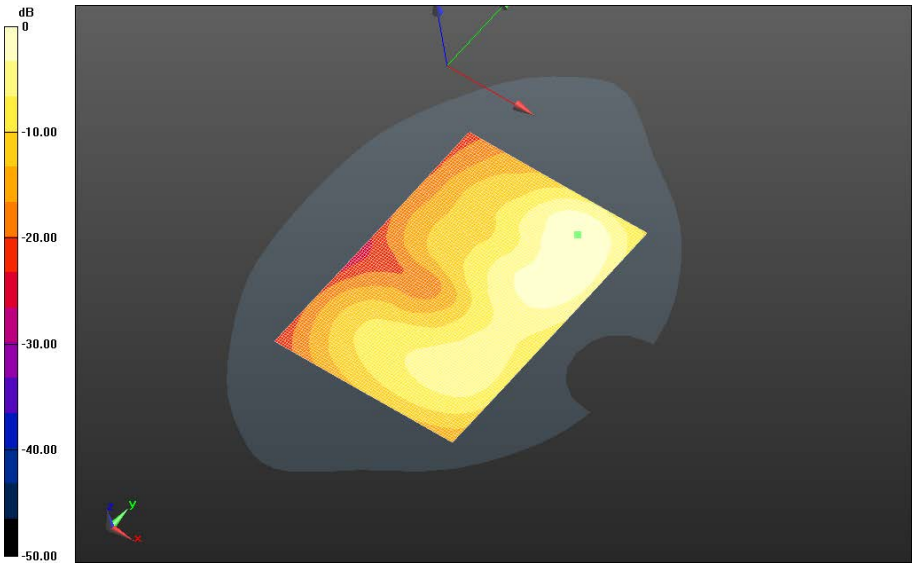
Averaged SAR: SAR(1g) = 0.469 W/kg; SAR(10g) = 0.279 W/kg
Maximum value of SAR (interpolated) = 0.744 W/kg



0 dB = 0.562 W/kg = -2.50 dBW/kg

Body Worn MSL - LTE Band 2/15mm Device Back - LTE band 2_chan18900_20MHz_BW_RB1_Offset_Low_amb_temp_23.6C_liq_temp_21.8C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.858 V/m; **Power Drift = 0.055 dB**

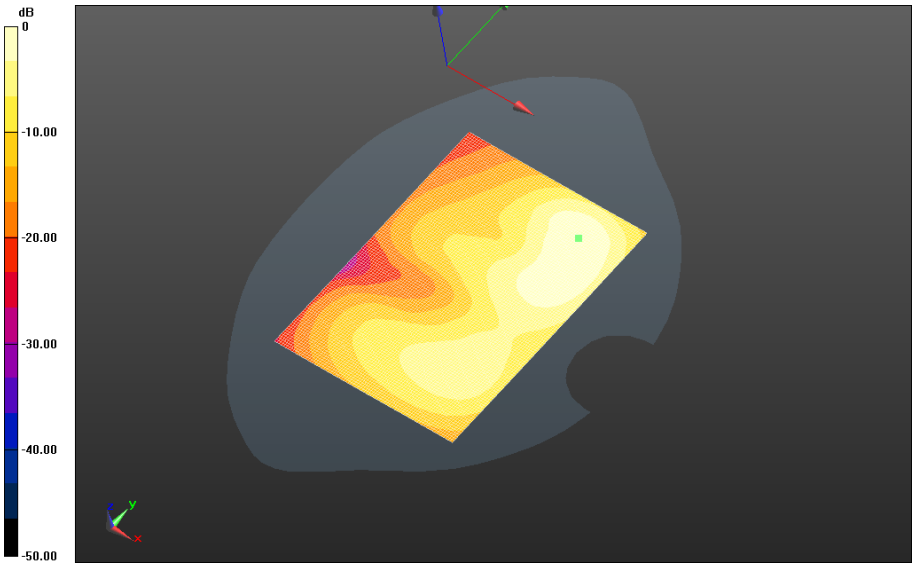
Fast SAR: SAR(1g) = 0.465 W/kg; SAR(10g) = 0.280 W/kg
Maximum value of SAR (interpolated) = 0.570 W/kg



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

Body Worn MSL - LTE Band 2/15mm Device Back - LTE band 2_chan19100_20MHz_BW_RB1_Offset_High_amb_temp_23.3C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.907 V/m; **Power Drift = 0.104 dB**

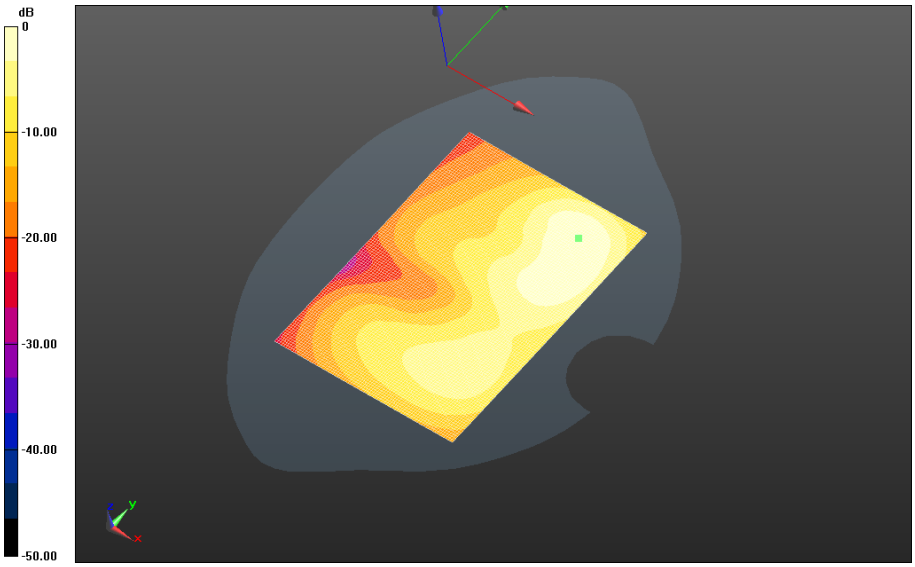
Fast SAR: SAR(1g) = 0.434 W/kg; SAR(10g) = 0.259 W/kg
Maximum value of SAR (interpolated) = 0.527 W/kg



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

Body Worn MSL - LTE Band 2/15mm Device Back - LTE band 2_chan19100_20MHz_BW_RB50_Offset_Low_amb_temp_23.3C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.936 V/m; **Power Drift = 0.052 dB**

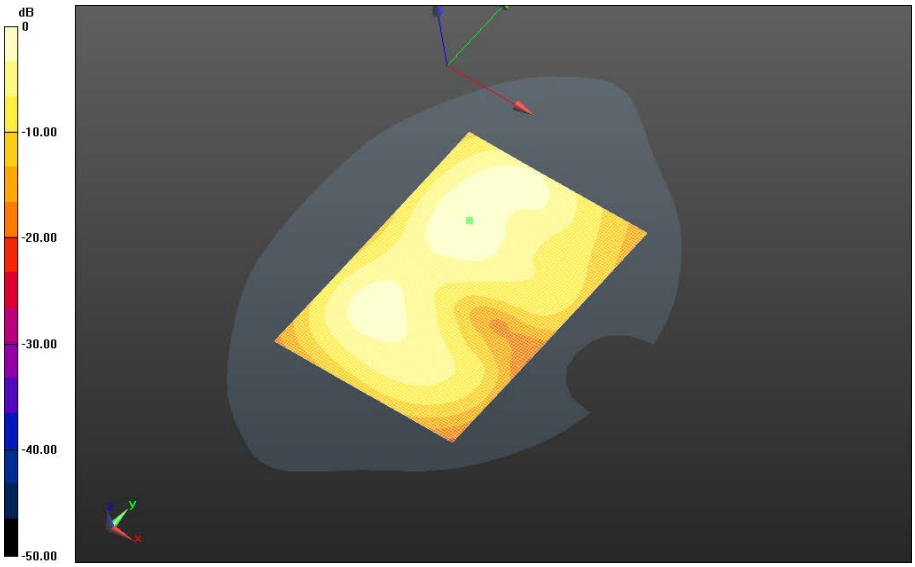
Fast SAR: SAR(1g) = 0.453 W/kg; SAR(10g) = 0.271 W/kg
Maximum value of SAR (interpolated) = 0.550 W/kg



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

Body Worn MSL - LTE Band 2/15mm Device Front - LTE band 2_chan19100_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.083 V/m; **Power Drift = -0.019 dB**

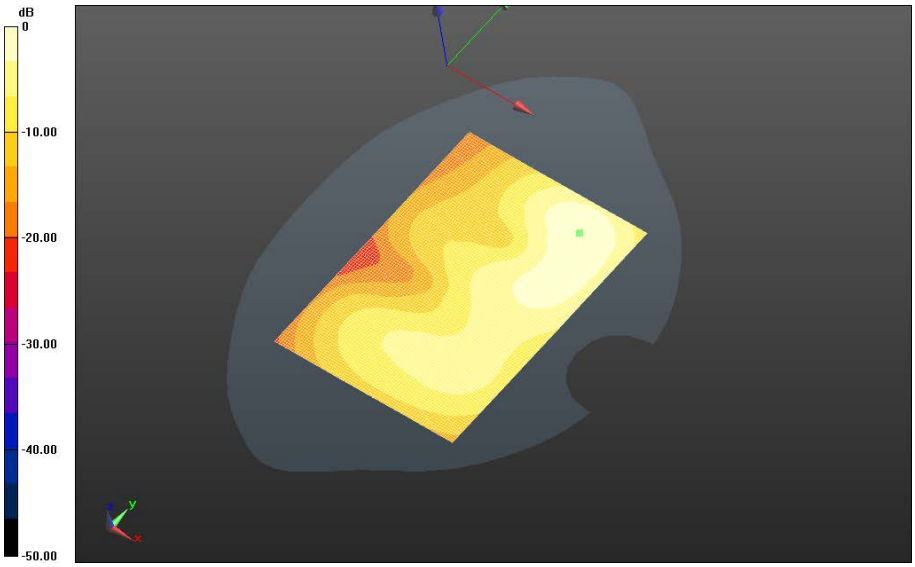
Fast SAR: SAR(1g) = 0.332 W/kg; SAR(10g) = 0.196 W/kg
Maximum value of SAR (interpolated) = 0.402 W/kg



0 dB = 0.402 W/kg = -3.96 dBW/kg

Body Worn MSL - LTE Band 2/Holster Device Back- LTE band 2_chan19100_20MHz_BW_RB1_Offset_High_amb_temp_23.6C_liq_temp_21.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.306 V/m; **Power Drift = 0.077 dB**

Fast SAR: SAR(1g) = 0.255 W/kg; SAR(10g) = 0.146 W/kg
Maximum value of SAR (interpolated) = 0.317 W/kg



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

GSM 1900

Date: 11/12/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

Configuration: Body Worn MSL - 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 = 1.522 S/m; ε_r = 52.330; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

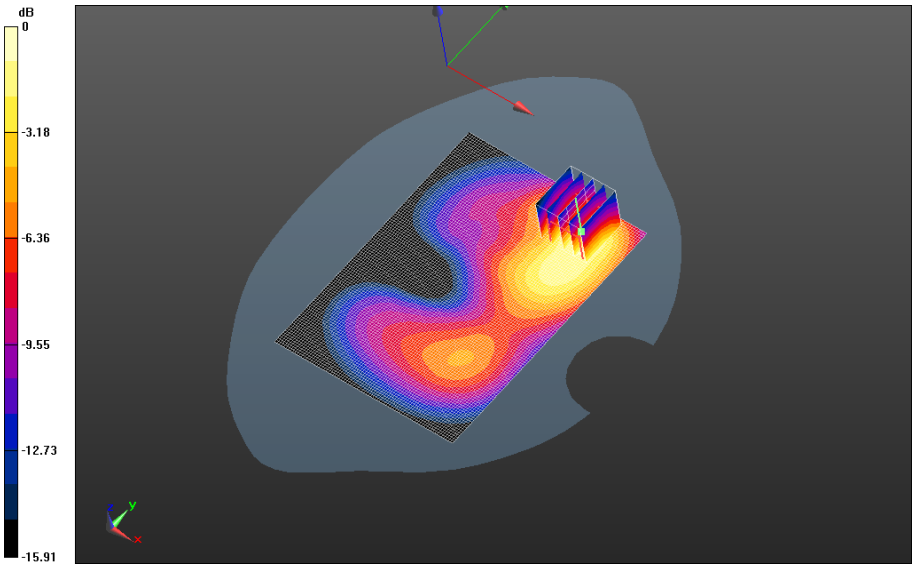
- Probe: ES3DV3 - SN3225; ConvF: (4.93,4.93,4.93); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - DTM 1900/15mm Device Back - GPRS1900_2-slots_chan512_amb_temp_23.3C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.358 V/m; **Power Drift = 0.00324 dB**

Fast SAR: SAR(1g) = 0.410 W/kg; SAR(10g) = 0.232 W/kg
Maximum value of SAR (interpolated) = 0.517 W/kg

Body Worn MSL - DTM 1900/15mm Device Back - GPRS1900_2-slots_chan512_amb_temp_23.3C_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 = 4.358 V/m; **Power Drift = 0.00324 dB**

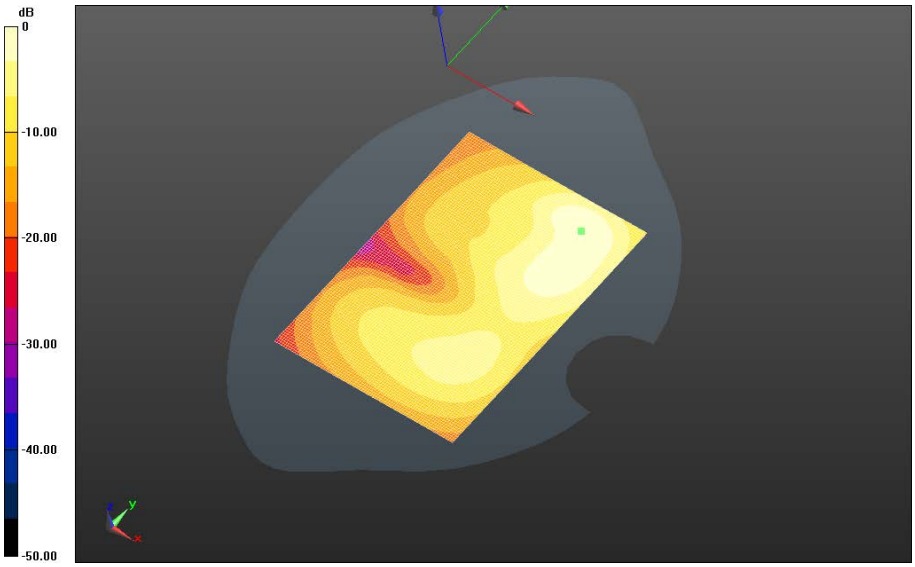
Averaged SAR: SAR(1g) = 0.424 W/kg; SAR(10g) = 0.252 W/kg
Maximum value of SAR (interpolated) = 0.673 W/kg



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

Body Worn MSL - DTM 1900/15mm Device Back - GPRS1900_2-slots_chan661_amb_temp_23.3C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.427 V/m; **Power Drift = -0.058 dB**

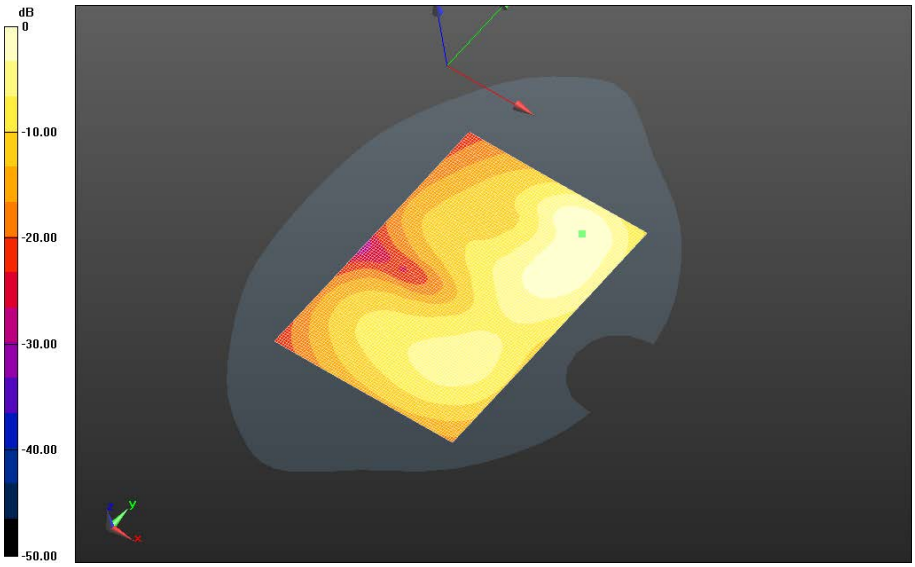
Fast SAR: SAR(1g) = 0.368 W/kg; SAR(10g) = 0.207 W/kg
Maximum value of SAR (interpolated) = 0.465 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

Body Worn MSL - DTM 1900/15mm Device Back - GPRS1900_2-slots_chan810_amb_temp_23.3C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.713 V/m; **Power Drift = 0.022 dB**

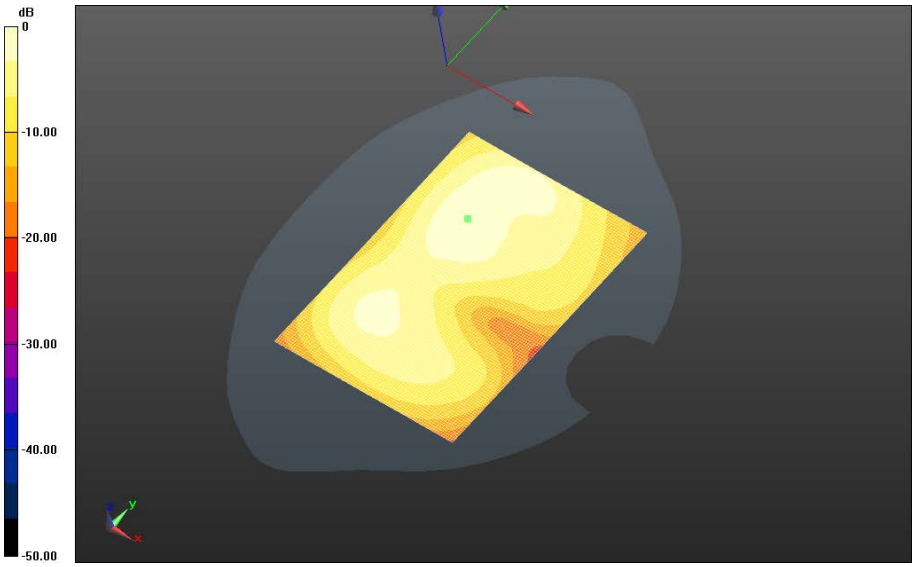
Fast SAR: SAR(1g) = 0.368 W/kg; SAR(10g) = 0.209 W/kg
Maximum value of SAR (interpolated) = 0.468 W/kg



0 dB = 0.468 W/kg = -3.30 dBW/kg

Body Worn MSL - DTM 1900/15mm Device Front - GPRS1900_2-slots_chan661_amb_temp_23.1C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.680 V/m; **Power Drift = 0.014 dB**

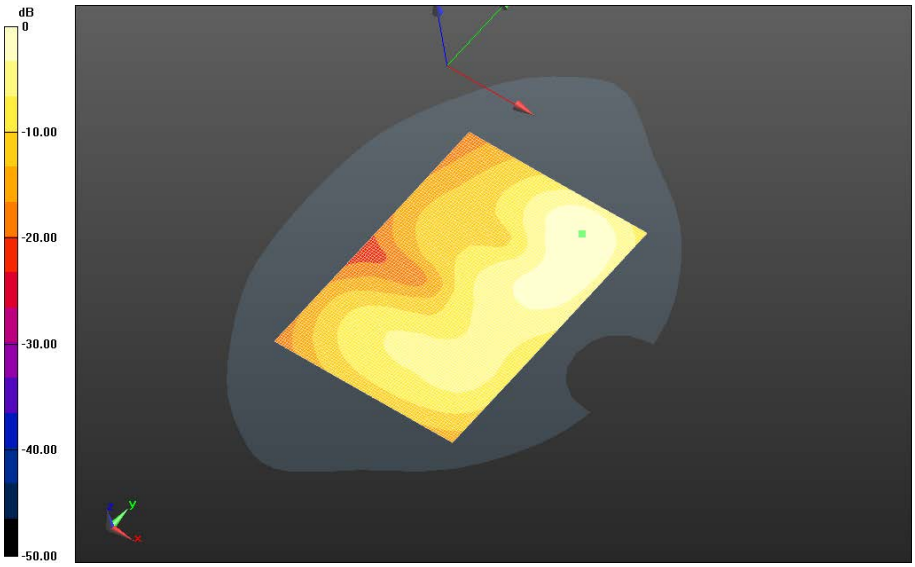
Fast SAR: SAR(1g) = 0.280 W/kg; SAR(10g) = 0.167 W/kg
Maximum value of SAR (interpolated) = 0.340 W/kg



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

Body Worn MSL - DTM 1900/Holster Device Back - GPRS1900_2-slots_chan661_amb_temp_23.0C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.410 V/m; **Power Drift = 0.139 dB**

Fast SAR: SAR(1g) = 0.221 W/kg; SAR(10g) = 0.129 W/kg
Maximum value of SAR (interpolated) = 0.273 W/kg



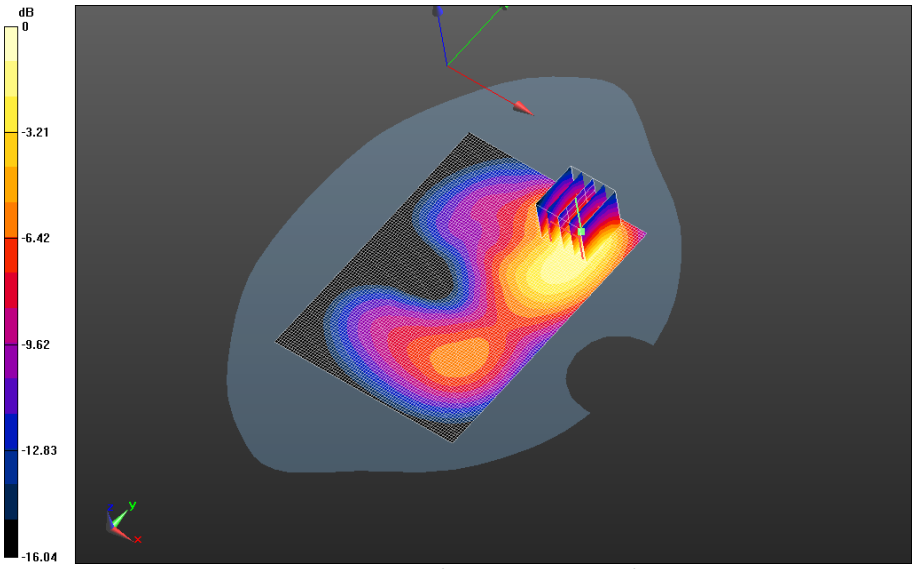
0 dB = 0.273 W/kg = -5.64 dBW/kg

Body Worn MSL - DTM 1900/2nd Scan 15mm Device Back - GPRS1900_2-slots_chan512_amb_temp_23.3C_liq_temp_21.7C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.486 V/m; **Power Drift = 0.014 dB**

Fast SAR: SAR(1g) = 0.432 W/kg; SAR(10g) = 0.244 W/kg
Maximum value of SAR (interpolated) = 0.548 W/kg

Body Worn MSL - DTM 1900/2nd Scan 15mm Device Back - GPRS1900_2-slots_chan512_amb_temp_23.3C_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 = 4.486 V/m; **Power Drift = 0.014 dB**

Averaged SAR: SAR(1g) = 0.450 W/kg; SAR(10g) = 0.265 W/kg
Maximum value of SAR (interpolated) = 0.715 W/kg



0 dB = 0.546 W/kg = -2.63 dBW/kg

UMTS Band II

Date: 11/11/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD1D

Configuration: Body Worn MSL - 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 = 1.523 S/m; ε_r = 52.324; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

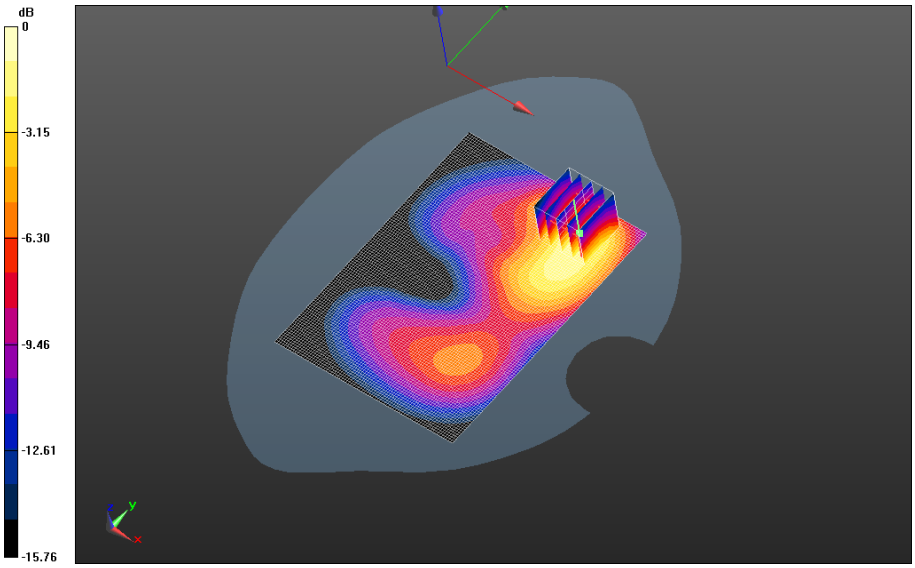
- Probe: ES3DV3 - SN3225; ConvF: (4.93,4.93,4.93); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - UMTS II/15mm Device Back - UMTS II_chan9262_amb_temp_24.1C_liq_temp_22.3C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.165 V/m; **Power Drift = -0.00106 dB**

Fast SAR: SAR(1g) = 0.782 W/kg; SAR(10g) = 0.443 W/kg
Maximum value of SAR (interpolated) = 0.988 W/kg

Body Worn MSL - UMTS II/15mm Device Back - UMTS II_chan9262_amb_temp_24.1C_liq_temp_22.3C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.165 V/m; **Power Drift = -0.00106 dB**

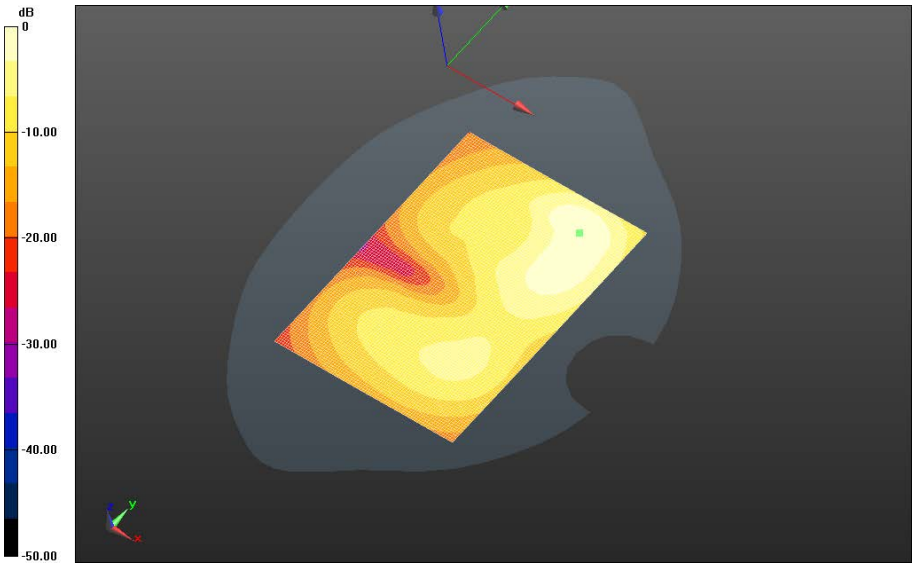
Averaged SAR: SAR(1g) = 0.832 W/kg; SAR(10g) = 0.489 W/kg
Maximum value of SAR (interpolated) = 1.32 W/kg



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

Body Worn MSL - UMTS II/15mm Device Back - UMTS II_chan9400_amb_temp_24.1C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.182 V/m; **Power Drift = 0.013 dB**

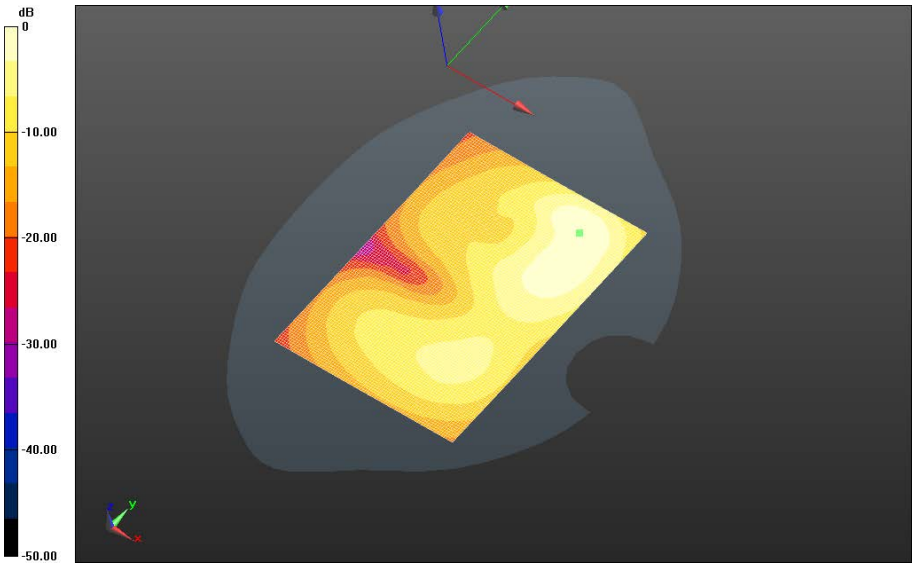
Fast SAR: SAR(1g) = 0.725 W/kg; SAR(10g) = 0.406 W/kg
Maximum value of SAR (interpolated) = 0.920 W/kg



0 dB = 0.920 W/kg = -0.36 dBW/kg

Body Worn MSL - UMTS II/15mm Device Back - UMTS II_chan9538_amb_temp_24.1C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.669 V/m; **Power Drift = -0.044 dB**

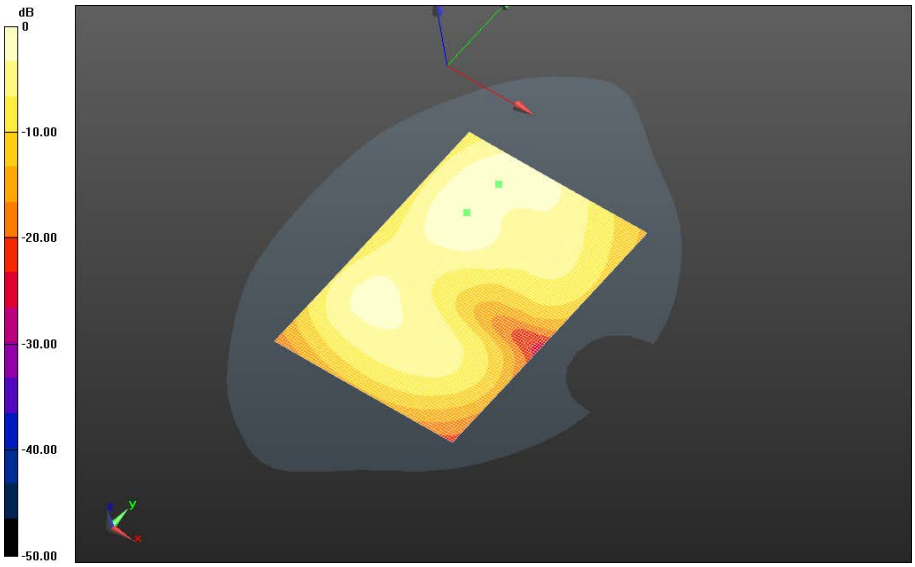
Fast SAR: SAR(1g) = 0.687 W/kg; SAR(10g) = 0.385 W/kg
Maximum value of SAR (interpolated) = 0.876 W/kg



0 dB = 0.876 W/kg = -0.57 dBW/kg

Body Worn MSL - UMTS II/15mm Device Front - UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.439 V/m; **Power Drift = -0.020 dB**

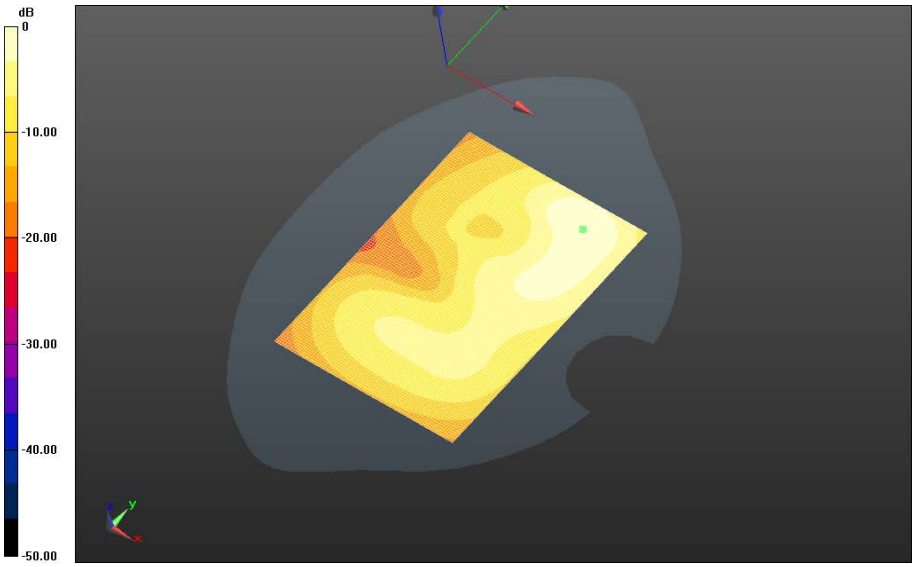
Fast SAR: SAR(1g) = 0.457 W/kg; SAR(10g) = 0.270 W/kg
Maximum value of SAR (interpolated) = 0.555 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

Body Worn MSL - UMTS II/Holster Device Back - UMTS II_chan9400_amb_temp_23.8C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.433 V/m; **Power Drift = 0.054 dB**

Fast SAR: SAR(1g) = 0.406 W/kg; SAR(10g) = 0.229 W/kg
Maximum value of SAR (interpolated) = 0.503 W/kg



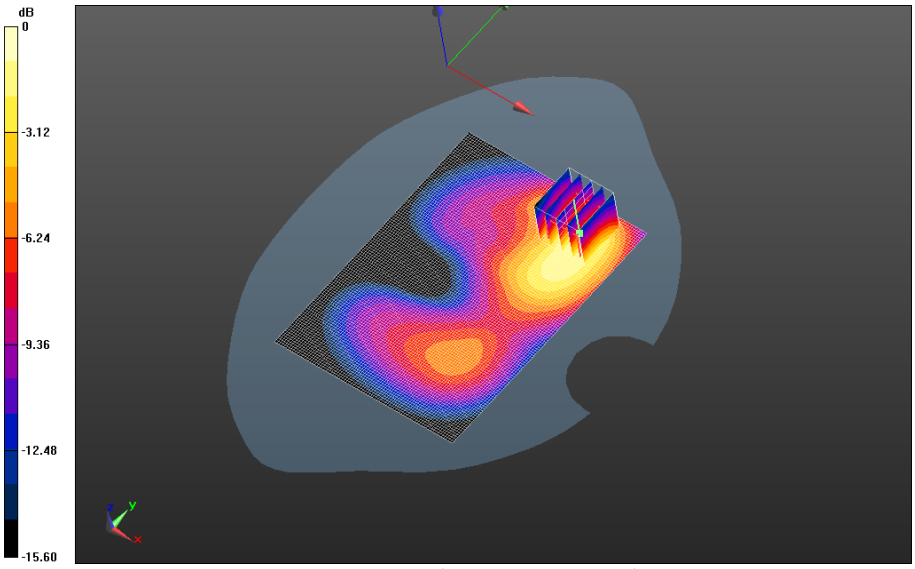
0 dB = 0.503 W/kg = -2.98 dBW/kg

Body Worn MSL - UMTS II/2nd Scan 15mm Device Back - UMTS II_chan9262_amb_temp_23.9C_liq_temp_22.2C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.122 V/m; **Power Drift = 0.185 dB**

Fast SAR: SAR(1g) = 0.770 W/kg; SAR(10g) = 0.434 W/kg
Maximum value of SAR (interpolated) = 0.973 W/kg

Body Worn MSL - UMTS II/2nd Scan 15mm Device Back - UMTS II_chan9262_amb_temp_23.9C_liq_temp_22.2C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.122 V/m; **Power Drift = 0.185 dB**

Averaged SAR: SAR(1g) = 0.806 W/kg; SAR(10g) = 0.477 W/kg
Maximum value of SAR (interpolated) = 1.27 W/kg



0 dB = 0.968 W/kg = -0.14 dBW/kg

802.11b/g

Date: 11/21/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

Configuration: Body Worn MSL - 802.11bg

Communication System: 802.11 b (2450) (0); Communication System Band: 802.11 b;
Frequency: 2437 MHz
Medium Parameters used: f=2437 MHz; σ = 1.985 S/m; ε_r = 52.780; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

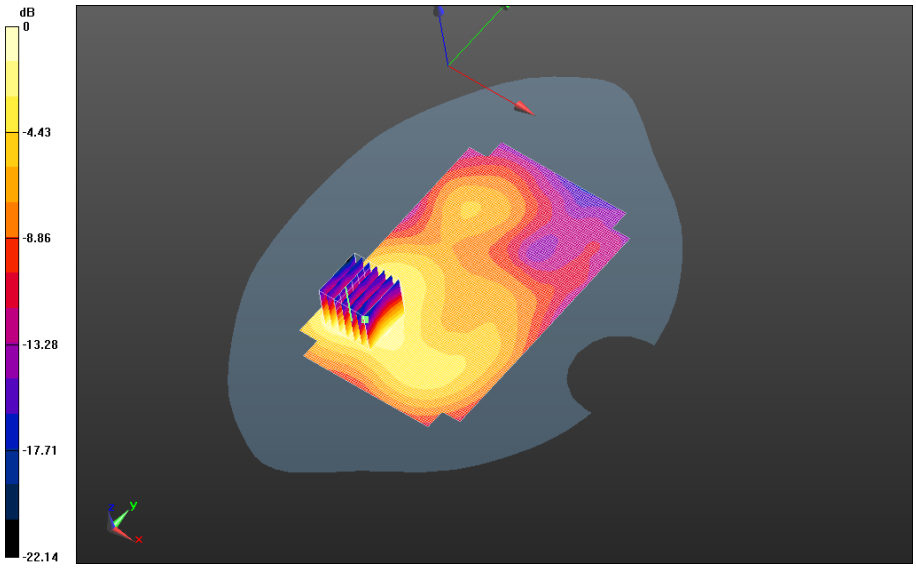
- Probe: ES3DV3 - SN3225; ConvF: (4.28,4.28,4.28); Calibrated: 1/22/2014;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - 802.11bg/15mm Device Back - 802.11g_chan6_amb_temp_23.5C_liq_temp_21.2C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 3.099 V/m; **Power Drift = 0.083 dB**

Fast SAR: SAR(1g) = 0.0667 W/kg; SAR(10g) = 0.0353 W/kg
Maximum value of SAR (interpolated) = 0.0862 W/kg

Body Worn MSL - 802.11bg/15mm Device Back - 802.11g_chan6_amb_temp_23.5C_liq_temp_21.2C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 3.099 V/m; **Power Drift = 0.083 dB**

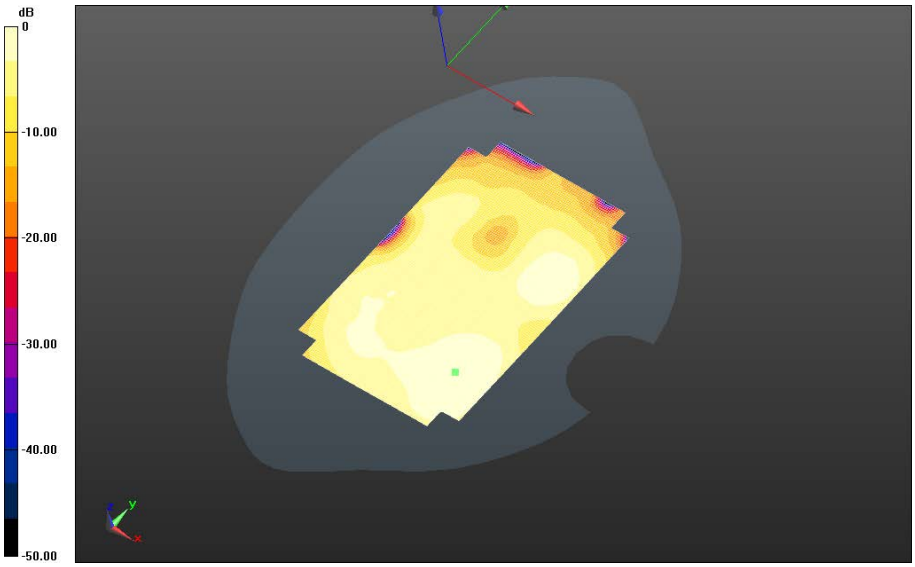
Averaged SAR: SAR(1g) = 0.0680 W/kg; SAR(10g) = 0.0360 W/kg
Maximum value of SAR (interpolated) = 0.129 W/kg



0 dB = 0.0834 W/kg = -10.79 dBW/kg

Body Worn MSL - 802.11bg/15mm Device Front - 802.11g_chan6_amb_temp_23.5C_liq_temp_21.2C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.210 V/m; **Power Drift = 0.177 dB**

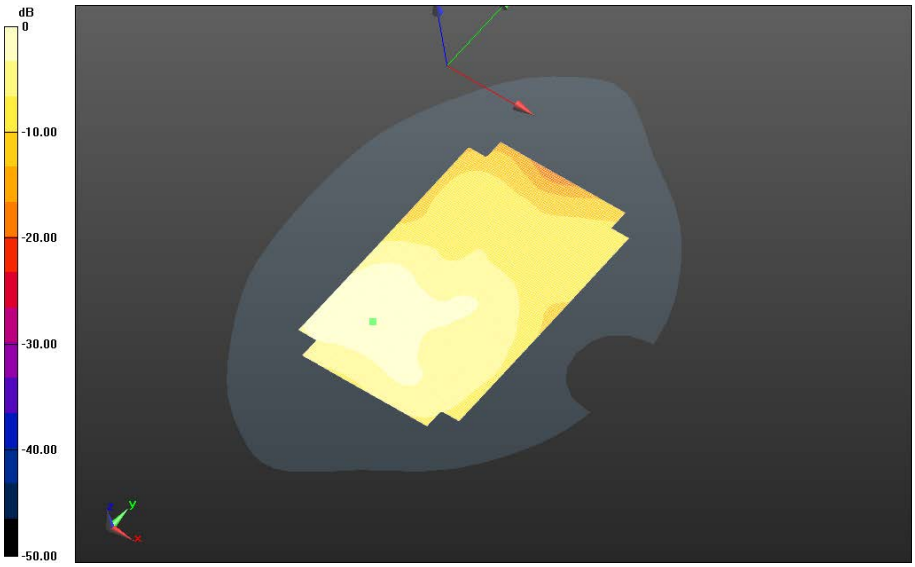
Fast SAR: SAR(1g) = 0.0207 W/kg; SAR(10g) = 0.0119 W/kg
Maximum value of SAR (interpolated) = 0.0252 W/kg



0 dB = 0.0252 W/kg = -15.99 dBW/kg

Body Worn MSL - 802.11bg/Holster Device Back - 802.11g_chan6_amb_temp_23.7C_liq_temp_21.3C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.917 V/m; **Power Drift = 0.241 dB**

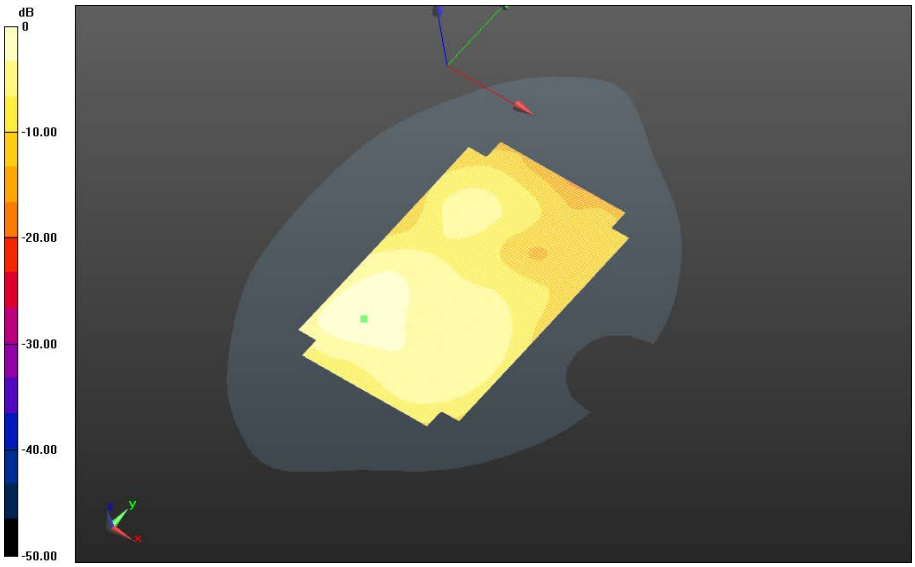
Fast SAR: SAR(1g) = 0.0365 W/kg; SAR(10g) = 0.0215 W/kg
Maximum value of SAR (interpolated) = 0.0446 W/kg



0 dB = 0.0446 W/kg = -13.51 dBW/kg

Body Worn MSL - 802.11bg/15mm Device Back - 802.11b_chan1_amb_temp_23.8C_liq_temp_21.3C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.892 V/m; **Power Drift = 0.332 dB**

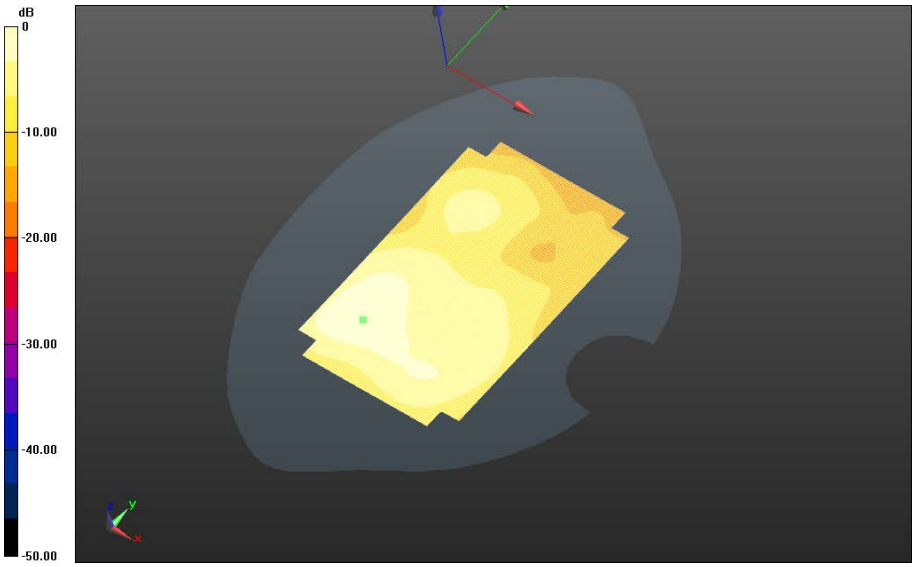
Fast SAR: SAR(1g) = 0.0557 W/kg; SAR(10g) = 0.0298 W/kg
Maximum value of SAR (interpolated) = 0.0713 W/kg



0 dB = 0.0713 W/kg = -11.47 dBW/kg

Body Worn MSL - 802.11bg/15mm Device Back - 802.11b_chan6_amb_temp_23.7C_liq_temp_21.3C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.754 V/m; **Power Drift = -0.038 dB**

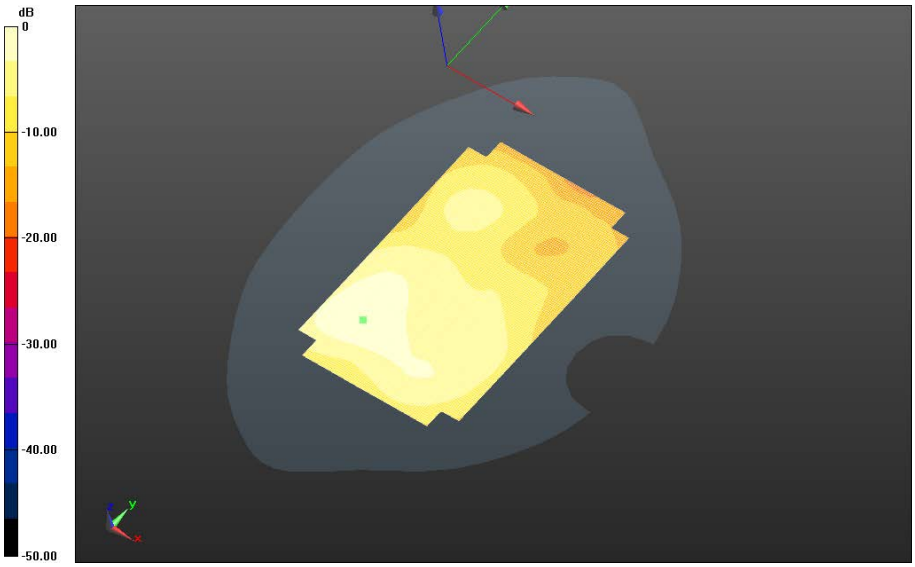
Fast SAR: SAR(1g) = 0.0496 W/kg; SAR(10g) = 0.0268 W/kg
Maximum value of SAR (interpolated) = 0.0628 W/kg



0 dB = 0.0628 W/kg = -12.02 dBW/kg

Body Worn MSL - 802.11bg/15mm Device Back - 802.11b_chan11_amb_temp_23.4C_liq_temp_21.2C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 2.604 V/m; **Power Drift = 0.303 dB**

Fast SAR: SAR(1g) = 0.0430 W/kg; SAR(10g) = 0.0232 W/kg
Maximum value of SAR (interpolated) = 0.0544 W/kg



0 dB = 0.0544 W/kg = -12.64 dBW/kg

Bluetooth

Date: 11/20/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD1D

Configuration: Body Worn MSL - BT

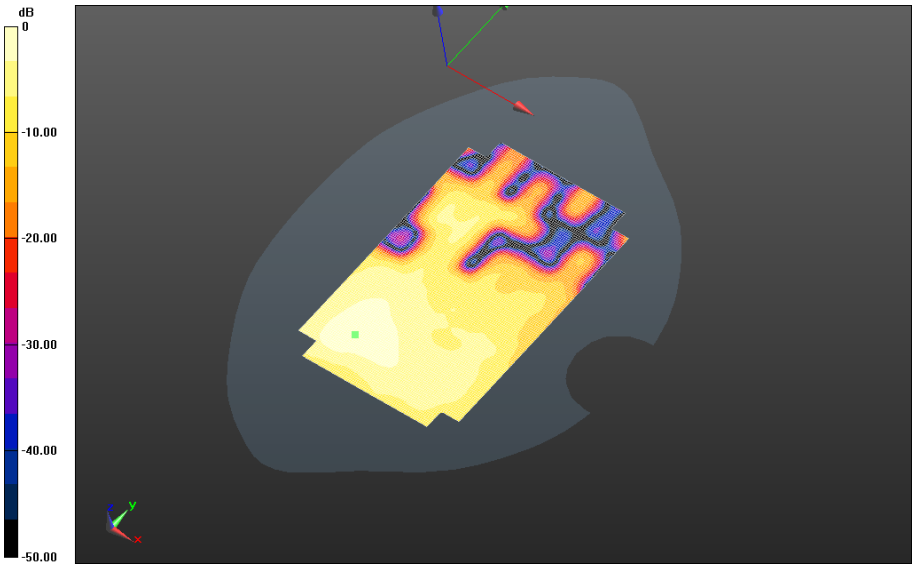
Communication System: Bluetooth (0); Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2441 MHz
Medium Parameters used: f=2441 MHz; σ = 1.990 S/m; ε_r = 52.763; ρ = 1.000 g/cm^3
Phantom section: Flat Section

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 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - BT/15mm Device Back - Bluetooth_chan39_amb_temp_23.5C_liq_temp_21.6C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 1.016 V/m; **Power Drift = 0.104 dB**

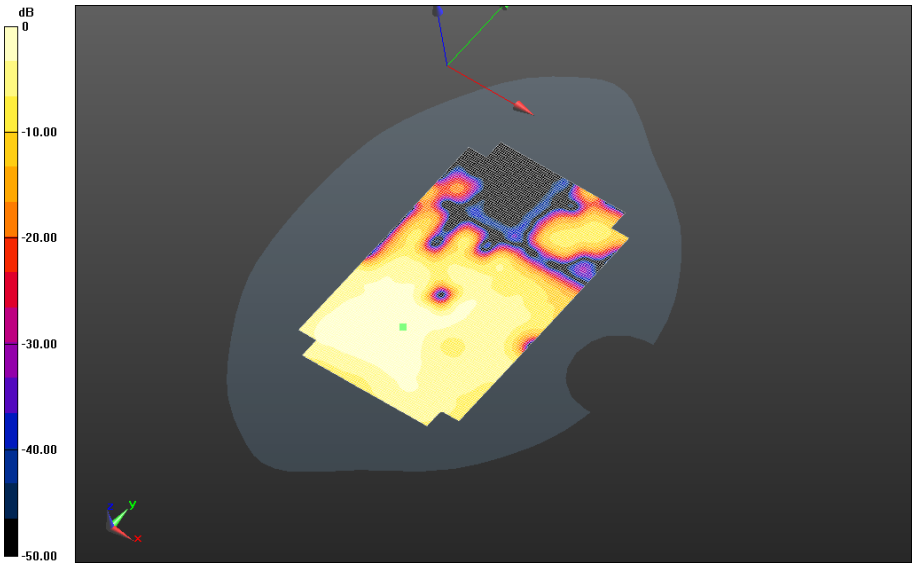
Fast SAR: SAR(1g) = 0.0112 W/kg; SAR(10g) = 0.00581 W/kg
Maximum value of SAR (interpolated) = 0.0148 W/kg



0 dB = 0.0148 W/kg = -18.30 dBW/kg

Body Worn MSL - BT/Holster Device Back - Bluetooth_chan39_amb_temp_23.4C_liq_temp_21.8C/Area Scan (151x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 0.793 V/m; **Power Drift = -0.038 dB**

Fast SAR: SAR(1g) = 0.00571 W/kg; SAR(10g) = 0.00328 W/kg
Maximum value of SAR (interpolated) = 0.00705 W/kg



0 dB = 0.00705 W/kg = -21.52 dBW/kg

802.11a

Date: 11/26/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

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 = 5.569 S/m; ε_r = 46.283; ρ = 1.000 g/cm^3
Phantom section: Flat Section

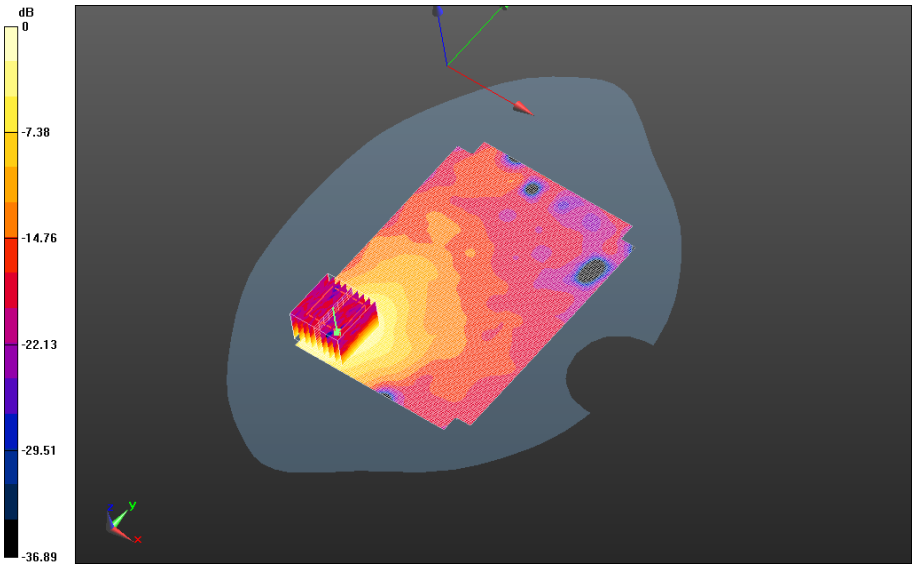
DASY Configuration:

- Probe: EX3DV4 - SN3592; ConvF: (4.06,4.06,4.06); Calibrated: 11/10/2014;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan36_low_band_Amb_Temp_23.1C_Liquid_Temp_21.7C/Area Scan (181x241x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.431 V/m; **Power Drift = 0.278 dB**

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan36_low_band_Amb_Temp_23.1C_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 = 2.431 V/m; **Power Drift = 0.278 dB**

Averaged SAR: SAR(1g) = 0.419 W/kg; SAR(10g) = 0.167 W/kg
Maximum value of SAR (interpolated) = 1.42 W/kg

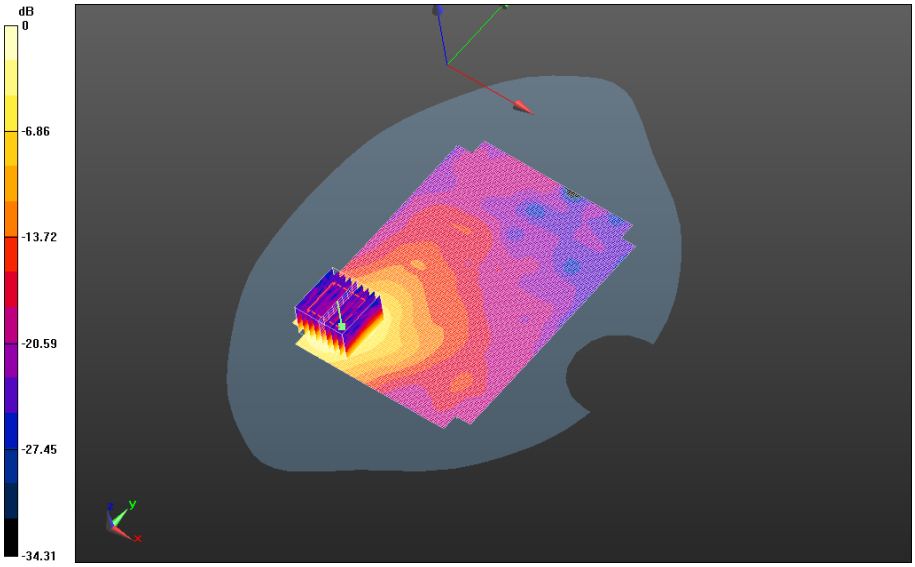


0 dB = 0.742 W/kg = -1.30 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan52_mid_band_Amb_Temp_23.3C_Liquid_Temp_21.7C/Area Scan (181x241x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.755 V/m; **Power Drift = 0.340 dB**

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan52_mid_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 = 2.755 V/m; **Power Drift = 0.340 dB**

Averaged SAR: SAR(1g) = 0.957 W/kg; SAR(10g) = 0.369 W/kg
Maximum value of SAR (interpolated) = 3.44 W/kg

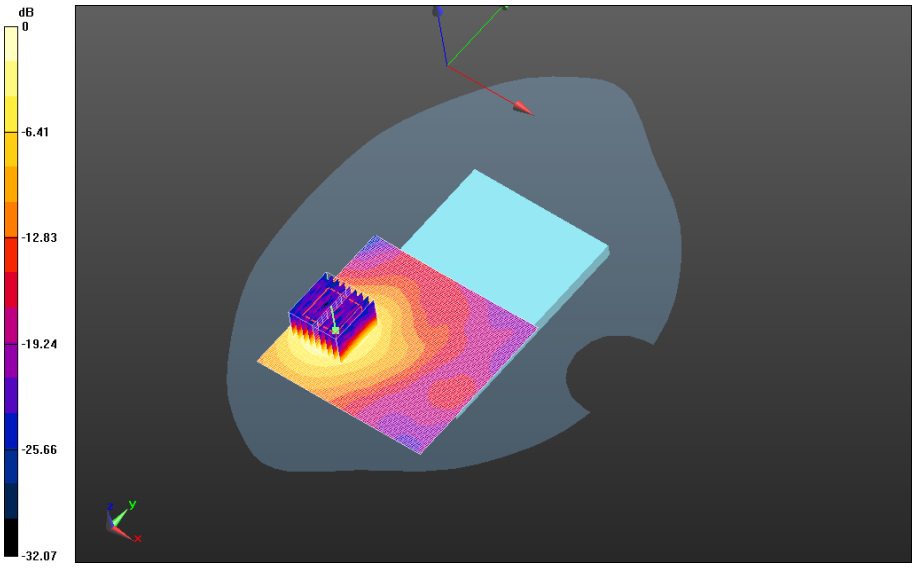


0 dB = 1.79 W/kg = 2.53 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan64_mid_band_Amb_Temp_23.3C_Liquid_Temp_21.5C/Area Scan (111x101x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.615 V/m; **Power Drift = -0.048 dB**

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back - 802.11a_chan64_mid_band_Amb_Temp_23.3C_Liquid_Temp_21.5C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 2.615 V/m; **Power Drift = -0.048 dB**

Averaged SAR: SAR(1g) = 0.858 W/kg; SAR(10g) = 0.332 W/kg
Maximum value of SAR (interpolated) = 3.15 W/kg

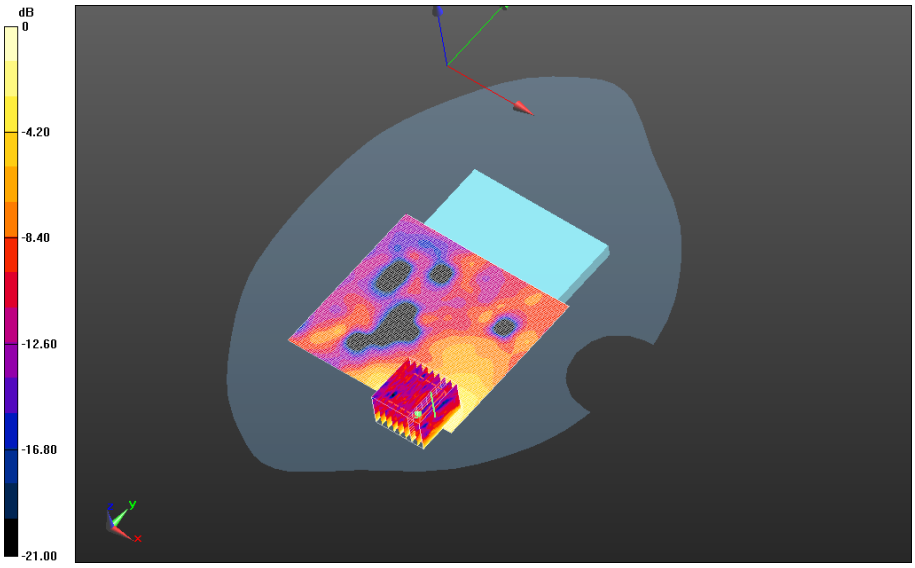


0 dB = 1.55 W/kg = 1.90 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Front - 802.11a_chan52_mid_band_Amb_Temp_23.4C_Liquid_Temp_21.0C/Area Scan (111x111x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 1.978 V/m; **Power Drift = -0.147 dB**

Body Worn MSL - 802.11a 5200 MHz/15mm Device Front - 802.11a_chan52_mid_band_Amb_Temp_23.4C_Liquid_Temp_21.0C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.978 V/m; **Power Drift = -0.147 dB**

Averaged SAR: SAR(1g) = 0.0561 W/kg; SAR(10g) = 0.0273 W/kg
Maximum value of SAR (interpolated) = 0.230 W/kg

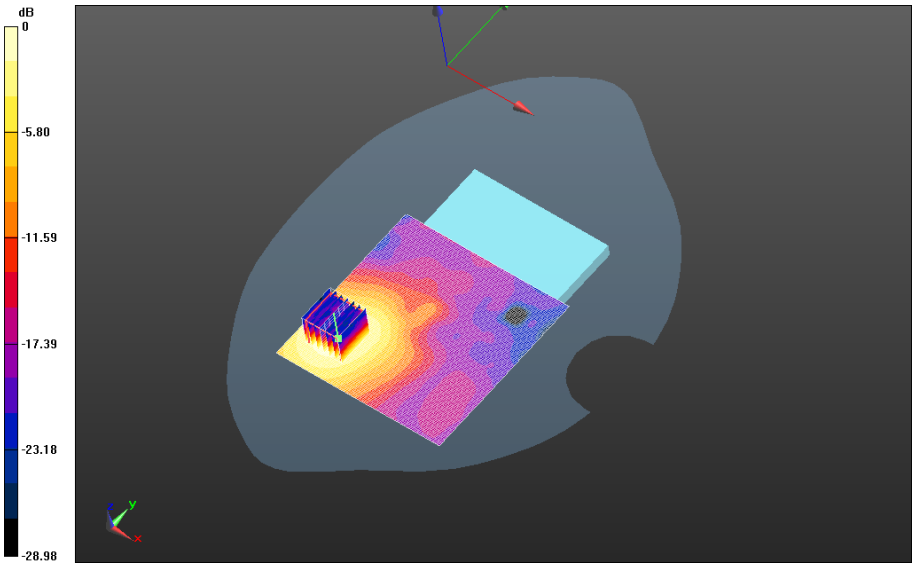


0 dB = 0.0972 W/kg = -10.12 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/Holster Device Back - 802.11a_chan52_mid_band_Amb_Temp_23.7C_Liquid_Temp_21.5C/Area Scan (111x111x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.711 V/m; **Power Drift = 0.410 dB**

Body Worn MSL - 802.11a 5200 MHz/Holster Device Back - 802.11a_chan52_mid_band_Amb_Temp_23.7C_Liquid_Temp_21.5C/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 2.711 V/m; **Power Drift = 0.410 dB**

Averaged SAR: SAR(1g) = 0.715 W/kg; SAR(10g) = 0.304 W/kg
Maximum value of SAR (interpolated) = 2.47 W/kg

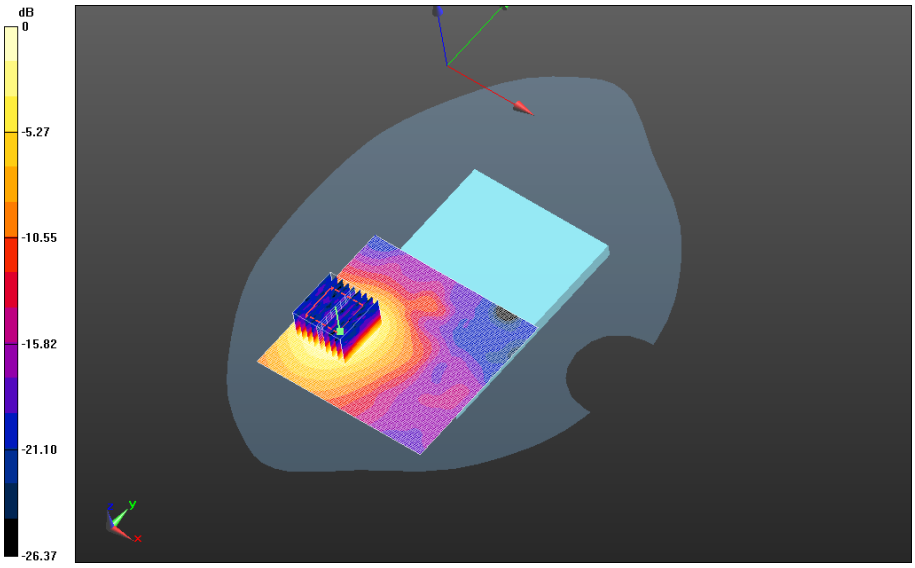


0 dB = 1.26 W/kg = 1.00 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/Holster Device Back - 802.11a_chan64_mid_band_Amb_Temp_23.3C_Liquid_Temp_21.5C/Area Scan (111x101x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.398 V/m; **Power Drift = -0.164 dB**

Body Worn MSL - 802.11a 5200 MHz/Holster Device Back - 802.11a_chan64_mid_band_Amb_Temp_23.3C_Liquid_Temp_21.5C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 2.398 V/m; **Power Drift = -0.164 dB**

Averaged SAR: SAR(1g) = 0.515 W/kg; SAR(10g) = 0.217 W/kg
Maximum value of SAR (interpolated) = 1.80 W/kg

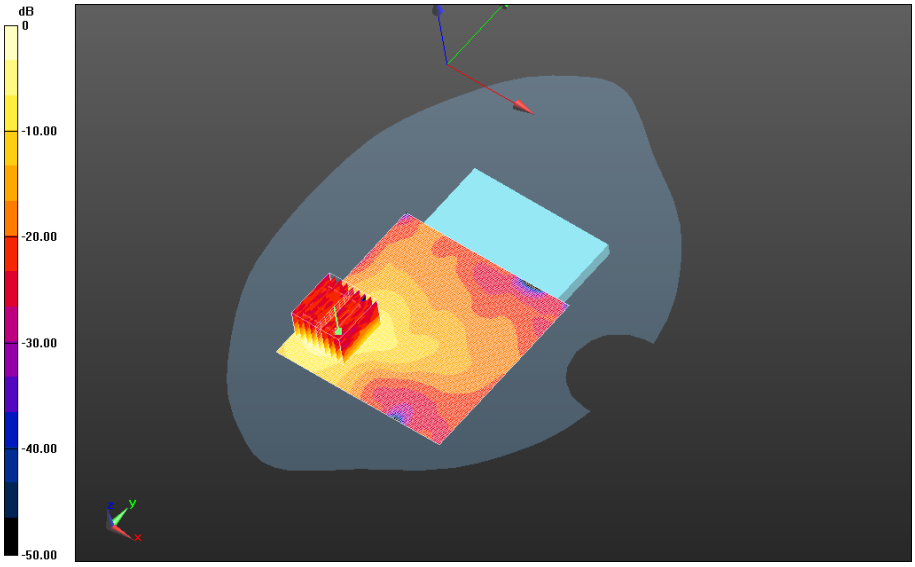


0 dB = 0.912 W/kg = -0.40 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/Headset 15mm Device Back - 802.11a_chan52_low_band_Amb_Temp_23.4C_Liquid_Temp_21.7C/Area Scan (111x111x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.379 V/m; **Power Drift = 0.024 dB**

Body Worn MSL - 802.11a 5200 MHz/Headset 15mm Device Back - 802.11a_chan52_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 = 2.379 V/m; **Power Drift = 0.024 dB**

Averaged SAR: SAR(1g) = 0.929 W/kg; SAR(10g) = 0.299 W/kg
Maximum value of SAR (interpolated) = 3.64 W/kg

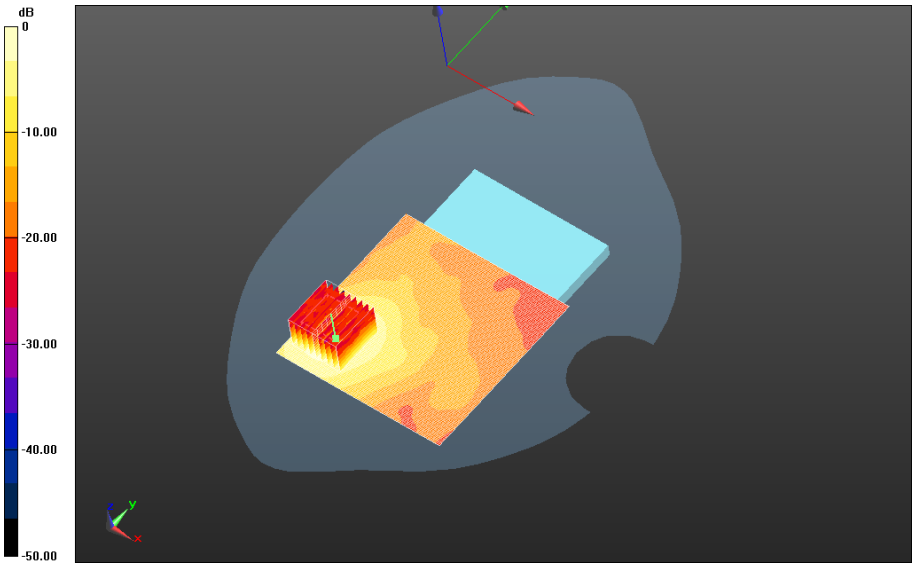


0 dB = 1.79 W/kg = 2.53 dBW/kg

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back_2nd Scan - 802.11a_chan52_low_band_Amb_Temp_23.5C_Liquid_Temp_21.6C/Area Scan (111x111x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.689 V/m; **Power Drift = 0.108 dB**

Body Worn MSL - 802.11a 5200 MHz/15mm Device Back_2nd Scan - 802.11a_chan52_low_band_Amb_Temp_23.5C_Liquid_Temp_21.6C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 2.689 V/m; **Power Drift = 0.108 dB**

Averaged SAR: SAR(1g) = 0.883 W/kg; SAR(10g) = 0.357 W/kg
Maximum value of SAR (interpolated) = 3.15 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

Date: 11/26/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

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 = 6.007 S/m; ε_r = 46.087; ρ = 1.000 g/cm^3
Phantom section: Flat Section

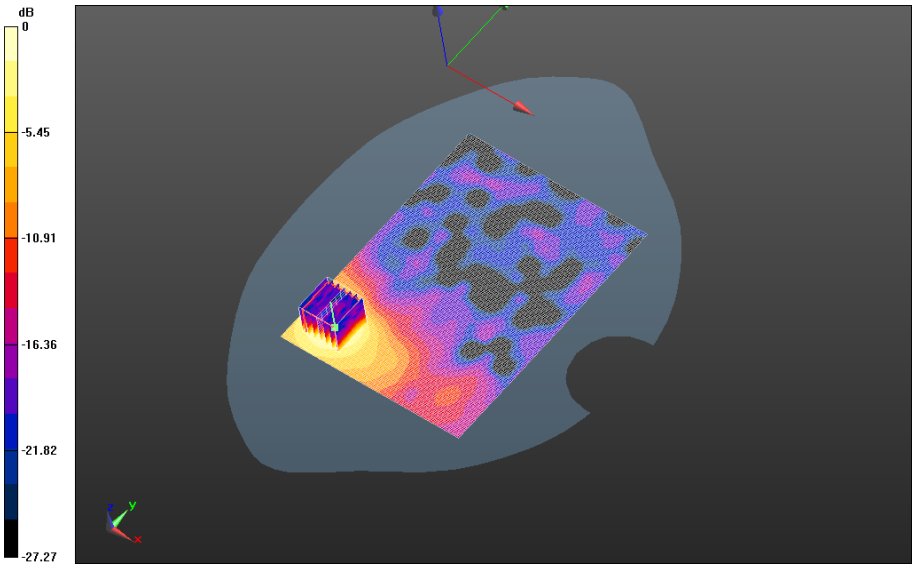
DASY Configuration:

- Probe: EX3DV4 - SN3592; ConvF: (3.78,3.78,3.78); Calibrated: 11/10/2014;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - 802.11a 5500 MHz/15mm Device Back - 802.11a_chan104_upper_bandI_Amb_Temp_23.0C_Liquid_Temp_21.6C/Area Scan (181x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 1.902 V/m; **Power Drift = 0.556 dB**

Body Worn MSL - 802.11a 5500 MHz/15mm Device Back - 802.11a_chan104_upper_bandI_Amb_Temp_23.0C_Liquid_Temp_21.6C/Zoom Scan (31x31x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.902 V/m; **Power Drift = 0.556 dB**

Averaged SAR: SAR(1g) = 0.335 W/kg; SAR(10g) = 0.128 W/kg
Maximum value of SAR (interpolated) = 1.30 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg

Date: 11/26/2014

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFEDD03

Configuration: Body Worn MSL - 802.11a 5800 MHz

Communication System: 802.11a (0); Communication System Band: Low and Mid Bands; Frequency: 5765 MHz
Medium Parameters used: f=5765 MHz; σ = 6.416 S/m; ε_r = 45.256; ρ = 1.000 g/cm^3
Phantom section: Flat Section

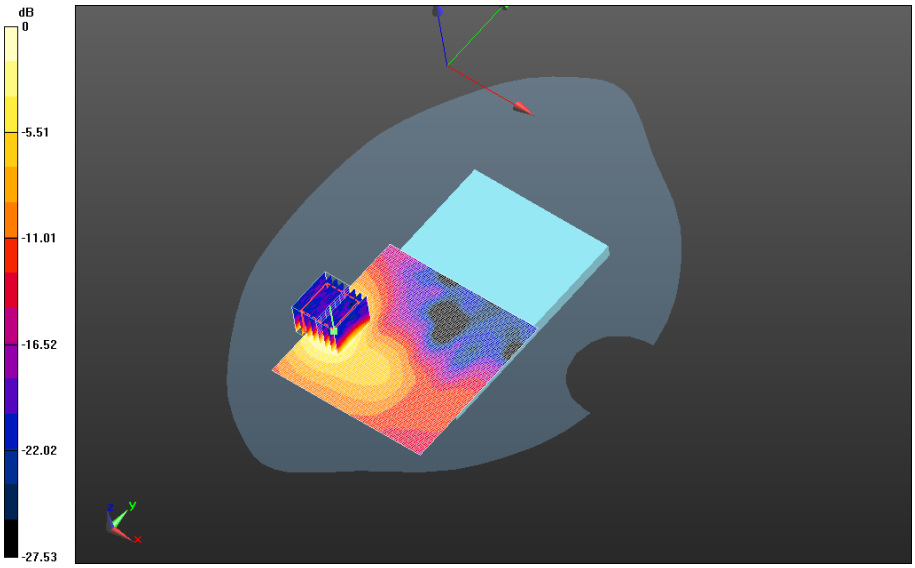
DASY Configuration:

- Probe: EX3DV4 - SN3592; ConvF: (3.86,3.86,3.86); Calibrated: 11/10/2014;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/18/2014
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan153_upper_bandII_Amb_Temp_23.3C_Liquid_Temp_21.6C/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 1.833 V/m; **Power Drift = -0.177 dB**

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan153_upper_bandII_Amb_Temp_23.3C_Liquid_Temp_21.6C/Zoom Scan (36x36x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.833 V/m; **Power Drift = -0.177 dB**

Averaged SAR: SAR(1g) = 0.612 W/kg; SAR(10g) = 0.236 W/kg
Maximum value of SAR (interpolated) = 2.48 W/kg

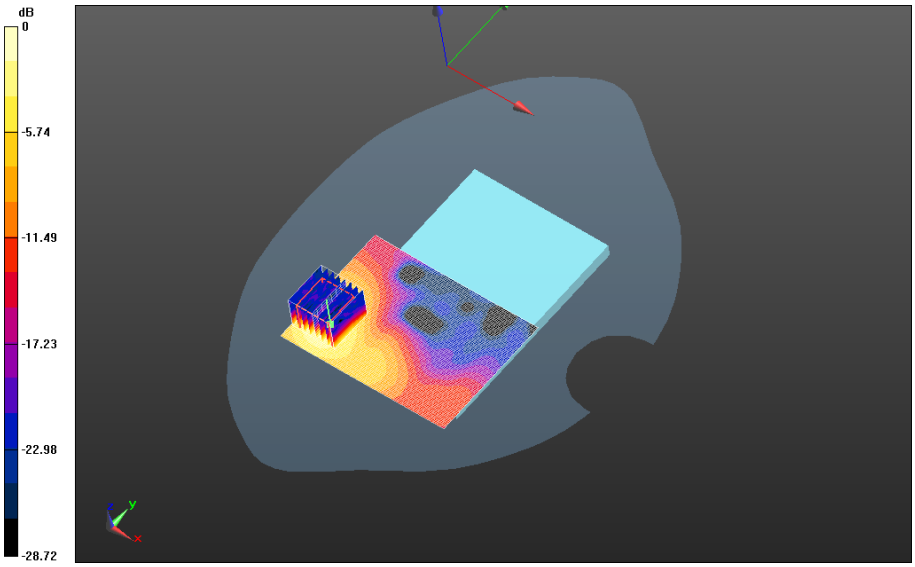


0 dB = 1.16 W/kg = 0.64 dBW/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan157_upper_bandII_Amb_Temp_23.1C_Liquid_Temp_21.5C/Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 1.834 V/m; **Power Drift = 0.140 dB**

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan157_upper_bandII_Amb_Temp_23.1C_Liquid_Temp_21.5C/Zoom Scan (36x36x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.834 V/m; **Power Drift = 0.140 dB**

Averaged SAR: SAR(1g) = 0.708 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 2.88 W/kg

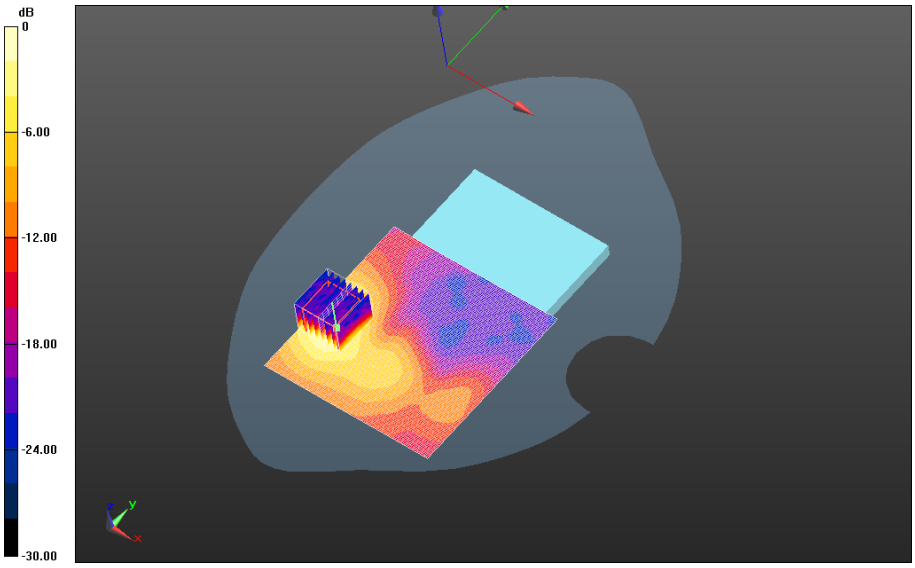


0 dB = 1.34 W/kg = 1.27 dBW/kg

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan165_upper_bandII_Amb_Temp_23.5C_Liquid_Temp_21.9C/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.296 V/m; **Power Drift = -0.039 dB**

Body Worn MSL - 802.11a 5800 MHz/15mm Device Back - 802.11a_chan165_upper_bandII_Amb_Temp_23.5C_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 = 2.296 V/m; **Power Drift = -0.039 dB**

Averaged SAR: SAR(1g) = 0.785 W/kg; SAR(10g) = 0.296 W/kg
Maximum value of SAR (interpolated) = 3.12 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg