APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

LTE Band 17

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/12/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

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

Communication System: LTE band 17; Communication System Band: LTE 17; Frequency: 709 MHz
Medium Parameters used: f=709 MHz; σ = 0.854 S/m; ε_r = 41.644; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

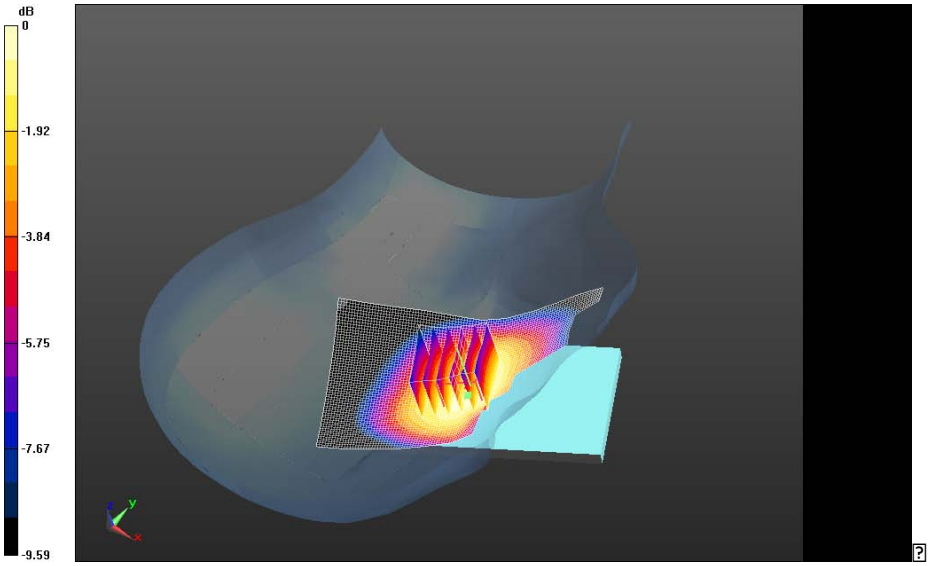
- Probe: ES3DV3 - SN3225; ConvF: (6.56,6.56,6.56); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - LTE Band 17/Touch Position - LTE_Band_17_chan23780_RB1_OFFSET0_amb_temp_24.1C_liq_temp_22.8C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.228 V/m; **Power Drift = -0.178 dB**

Right-Hand-Side HSL - LTE Band 17/Touch Position - LTE_Band_17_chan23780_RB1_OFFSET0_amb_temp_24.1C_liq_temp_22.8C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.228 V/m; **Power Drift = -0.178 dB**

Averaged SAR: SAR(1g) = 0.337 W/kg; SAR(10g) = 0.261 W/kg
Maximum value of SAR (interpolated) = 0.407 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

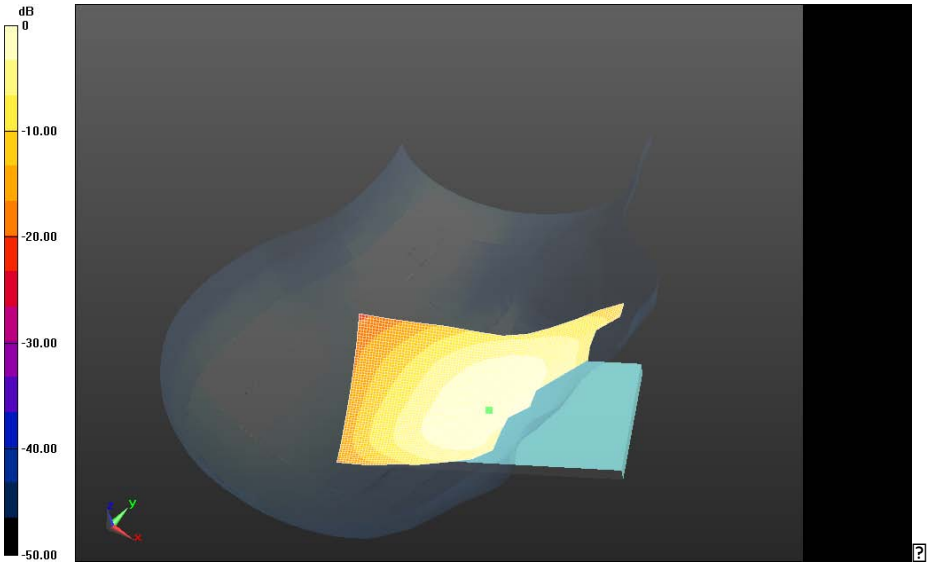


0 dB = 0.367 W/kg = -4.35 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 17/Touch Position - LTE_Band_17_chan23780_RB25_OFFSET0_amb_temp_24.0C_liq_temp_22.7C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.519 V/m; **Power Drift = 0.00692 dB**

Fast SAR: SAR(1g) = 0.260 W/kg; SAR(10g) = 0.182 W/kg
Maximum value of SAR (interpolated) = 0.293 W/kg

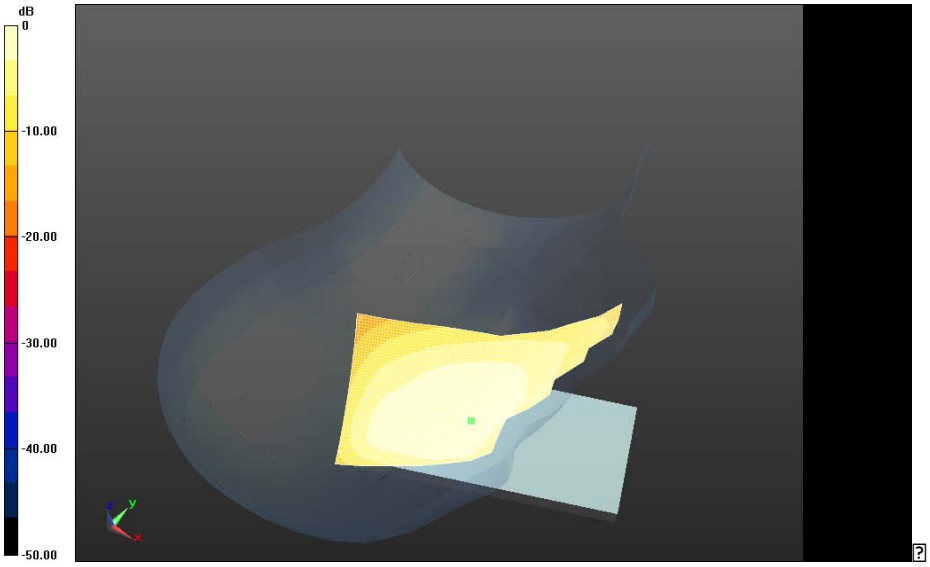


0 dB = 0.367 W/kg = -4.35 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 17/Tilt Position - LTE_Band_17_chan23780_RB1_OFFSET0_amb_temp_24.0C_liq_temp_22.6C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.052 V/m; **Power Drift = 0.048 dB**

Fast SAR: SAR(1g) = 0.194 W/kg; SAR(10g) = 0.138 W/kg
Maximum value of SAR (interpolated) = 0.218 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/12/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

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

Communication System: LTE band 17; Communication System Band: LTE 17; Frequency: 709 MHz
Medium Parameters used: f=709 MHz; σ = 0.854 S/m; ε_r = 41.644; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

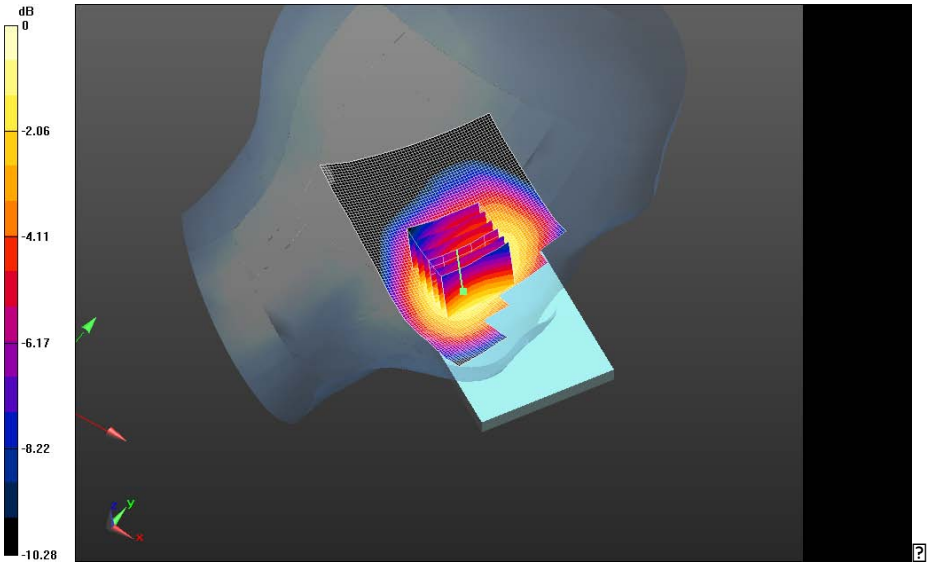
- Probe: ES3DV3 - SN3225; ConvF: (6.56,6.56,6.56); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - LTE Band 17/Touch Position - LTE_Band_17_chan23780_RB1_OFFSET0_amb_temp_24.0C_liq_temp_22.6C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.221 V/m; **Power Drift = -0.061 dB**

Left-Hand-Side HSL - LTE Band 17/Touch Position - LTE_Band_17_chan23780_RB1_OFFSET0_amb_temp_24.0C_liq_temp_22.6C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.221 V/m; **Power Drift = -0.061 dB**

Averaged SAR: SAR(1g) = 0.401 W/kg; SAR(10g) = 0.308 W/kg
Maximum value of SAR (interpolated) = 0.510 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

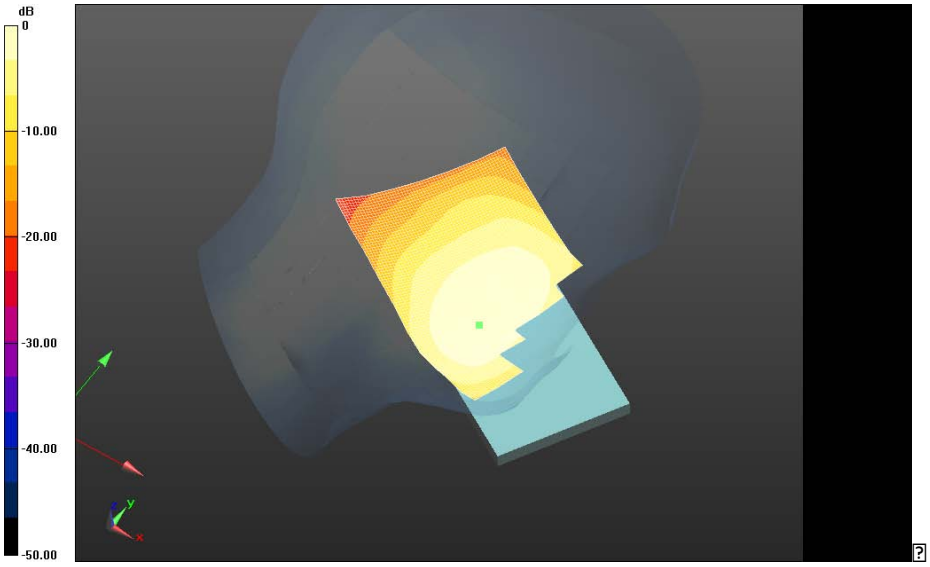


0 dB = 0.439 W/kg = -3.58 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - LTE Band 17/Touch Position - LTE_Band_17_chan23780_RB25_OFFSET0_amb_temp_24.0C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.451 V/m; **Power Drift = 0.089 dB**

Fast SAR: SAR(1g) = 0.314 W/kg; SAR(10g) = 0.218 W/kg
Maximum value of SAR (interpolated) = 0.359 W/kg

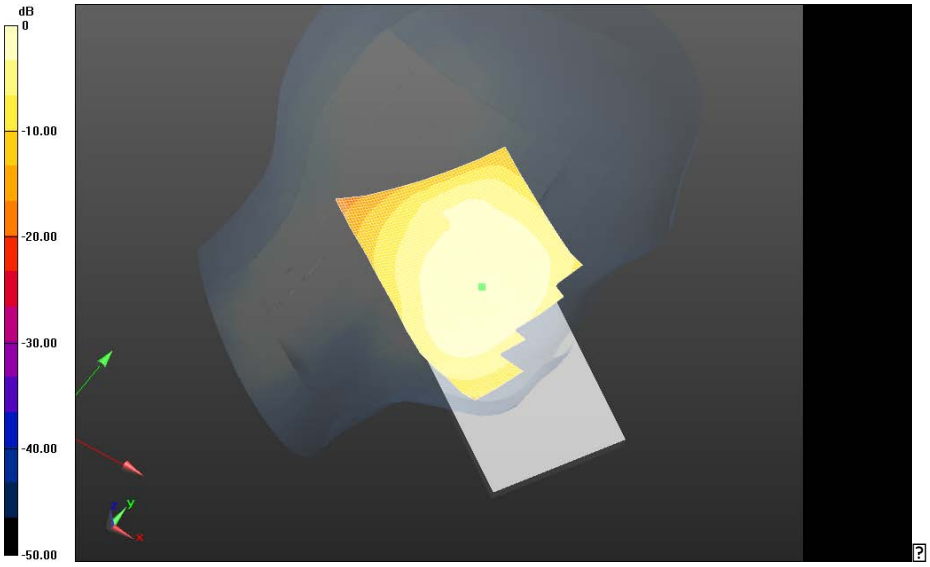


0 dB = 0.439 W/kg = -3.58 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - LTE Band 17/Tilt Position - LTE_Band_17_chan23780_RB1_OFFSET0_amb_temp_24.1C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.943 V/m; **Power Drift = -0.129 dB**

Fast SAR: SAR(1g) = 0.243 W/kg; SAR(10g) = 0.172 W/kg
Maximum value of SAR (interpolated) = 0.274 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

LTE 5

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/16/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE967

Configuration: Right-Hand-Side HSL - LTE Band 5

Communication System: LTE 5; Communication System Band: LTE 5; Frequency: 829 MHz
Medium Parameters used: f=829 MHz; σ = 0.893 S/m; ε_r = 41.643; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

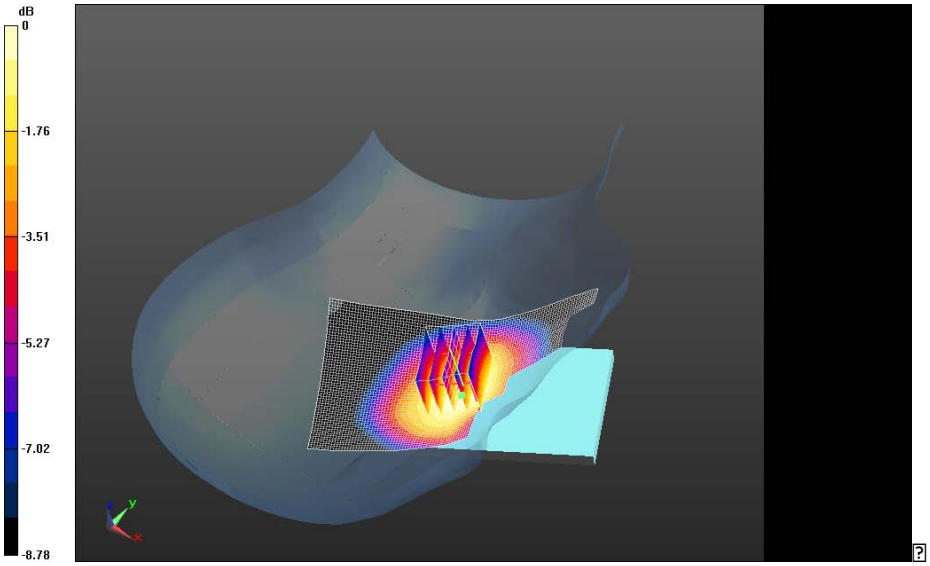
- Probe: ES3DV3 - SN3225; ConvF: (6.19,6.19,6.19); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - LTE Band 5/Touch Position - LTE_Band_5_chan20450_RB1_OFFSET49_amb_temp_23.4C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.591 V/m; **Power Drift = -0.188 dB**

Right-Hand-Side HSL - LTE Band 5/Touch Position - LTE_Band_5_chan20450_RB1_OFFSET49_amb_temp_23.4C_liq_temp_22.5C/Zoom Scan (26x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.591 V/m; **Power Drift = -0.188 dB**

Averaged SAR: SAR(1g) = 0.368 W/kg; SAR(10g) = 0.283 W/kg
Maximum value of SAR (interpolated) = 0.453 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

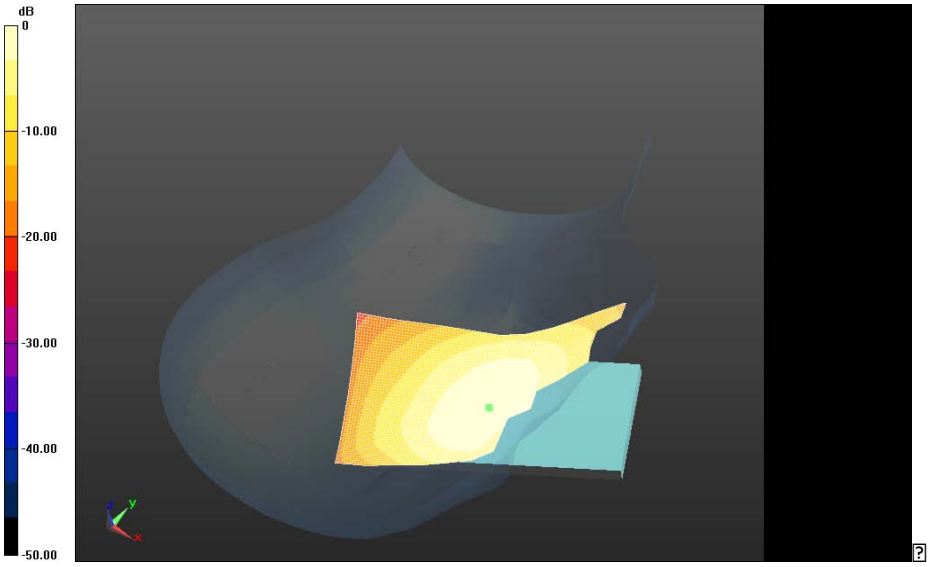


0 dB = 0.404 W/kg = -3.94 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 5/Touch Position - LTE_Band_5_chan20525_RB25_OFFSET25_amb_temp_23.3C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.443 V/m; **Power Drift = 0.132 dB**

Fast SAR: SAR(1g) = 0.285 W/kg; SAR(10g) = 0.195 W/kg
Maximum value of SAR (interpolated) = 0.325 W/kg



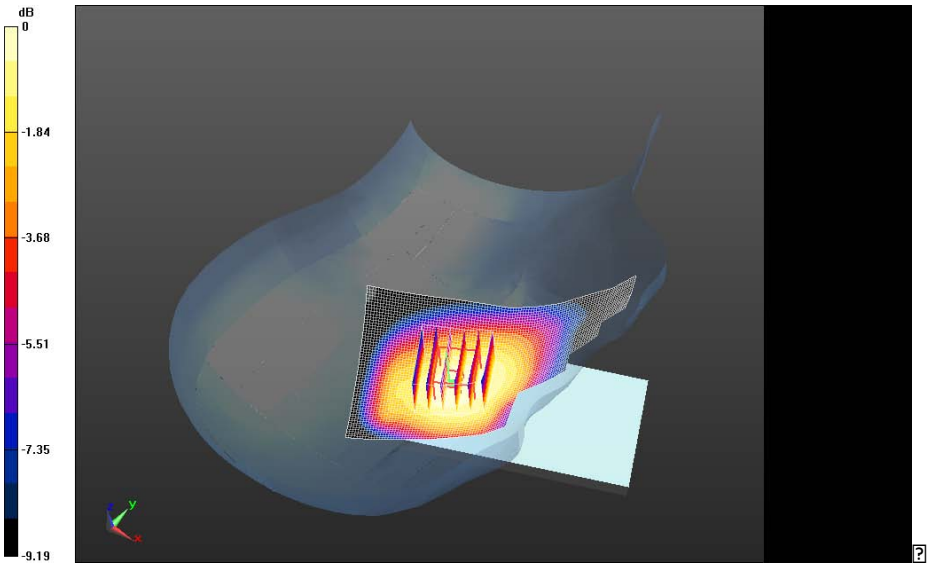
0 dB = 0.404 W/kg = -3.94 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 5/Tilt Position - LTE_Band_5_chan20450_RB1_OFFSET49_amb_temp_23.2C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.604 V/m; **Power Drift = 0.034 dB**

Right-Hand-Side HSL - LTE Band 5/Tilt Position - LTE_Band_5_chan20450_RB1_OFFSET49_amb_temp_23.2C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.604 V/m; **Power Drift = 0.034 dB**

Averaged SAR: SAR(1g) = 0.215 W/kg; SAR(10g) = 0.166 W/kg
Maximum value of SAR (interpolated) = 0.261 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/15/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE967

Configuration: Left-Hand-Side HSL - LTE Band 5

Communication System: LTE 5; Communication System Band: LTE 5; Frequency: 829 MHz
Medium Parameters used: f=829 MHz; σ = 0.893 S/m; ε_r = 41.643; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

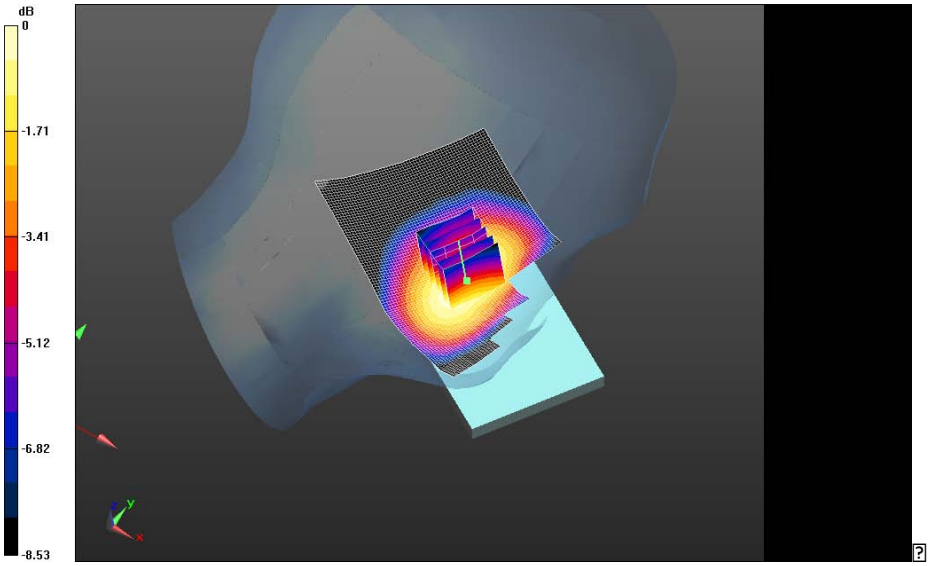
- Probe: ES3DV3 - SN3225; ConvF: (6.19,6.19,6.19); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - LTE Band 5/Touch Position - LTE_Band_5_chan20450_RB1_OFFSET49_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.160 V/m; **Power Drift = -0.092 dB**

Left-Hand-Side HSL - LTE Band 5/Touch Position - LTE_Band_5_chan20450_RB1_OFFSET49_amb_temp_23.5C_liq_temp_22.5C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.160 V/m; **Power Drift = -0.092 dB**

Averaged SAR: SAR(1g) = 0.455 W/kg; SAR(10g) = 0.345 W/kg
Maximum value of SAR (interpolated) = 0.576 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

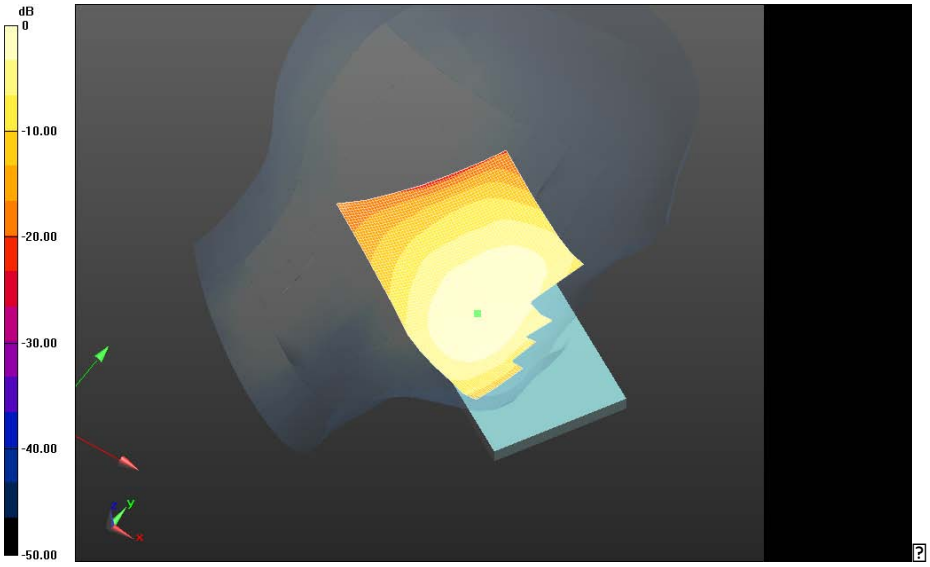


0 dB = 0.501 W/kg = -3.00 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - LTE Band 5/Touch Position - LTE_Band_5_chan20525_RB25_OFFSET25_amb_temp_23.2C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.083 V/m; **Power Drift = 0.087 dB**

Fast SAR: SAR(1g) = 0.332 W/kg; SAR(10g) = 0.226 W/kg
Maximum value of SAR (interpolated) = 0.377 W/kg

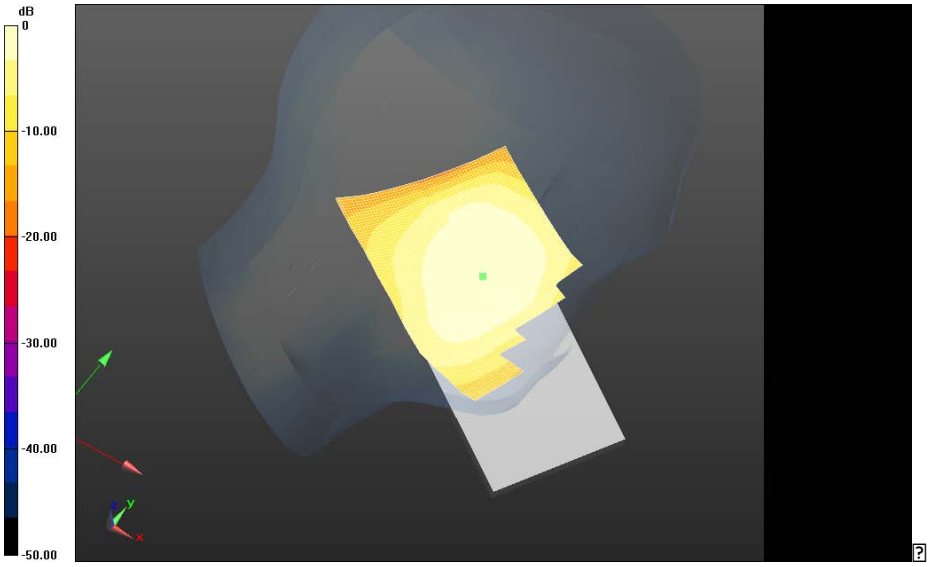


0 dB = 0.501 W/kg = -3.00 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - LTE Band 5/Tilt Position - LTE_Band_5_chan20450_RB1_OFFSET49_amb_temp_23.3C_liq_temp_22.6C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.179 V/m; **Power Drift = 0.015 dB**

Fast SAR: SAR(1g) = 0.251 W/kg; SAR(10g) = 0.174 W/kg
Maximum value of SAR (interpolated) = 0.288 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

DTM/GSM 850

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/15/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Right-Hand-Side HSL - DTM 850

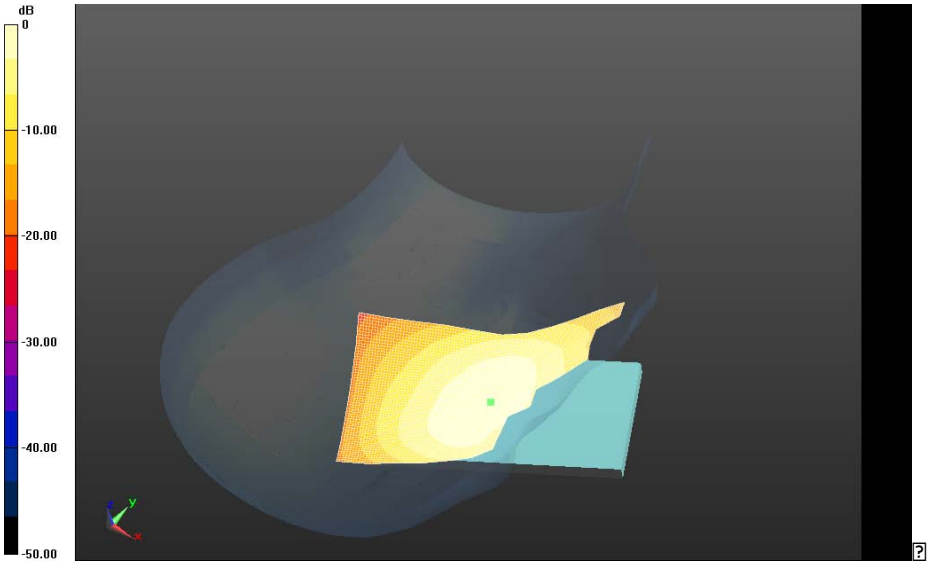
Communication System: GSM 850; Communication System Band: GSM 850; Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.900 S/m; ε_r = 41.540; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.19,6.19,6.19); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - DTM 850/Touch Position - GSM850_chan190_amb_temp_23.1C_liq_temp_22.3C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.694 V/m; **Power Drift = -0.110 dB**

Fast SAR: SAR(1g) = 0.392 W/kg; SAR(10g) = 0.267 W/kg
Maximum value of SAR (interpolated) = 0.447 W/kg



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

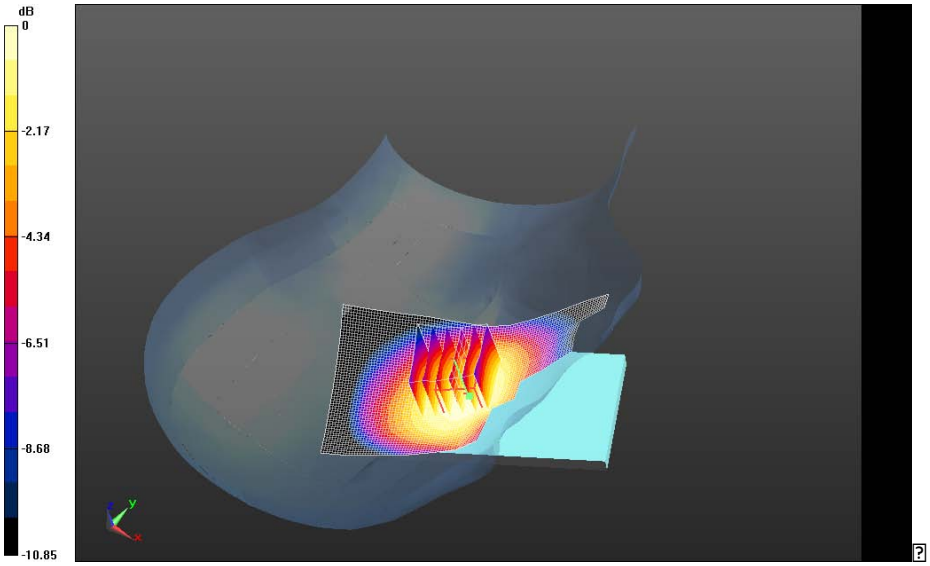
This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - DTM 850/Touch Position - EDGE850_4-Slots_chan190_amb_temp_22.9C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.568 V/m; **Power Drift = 0.075 dB**

Right-Hand-Side HSL - DTM 850/Touch Position - EDGE850_4-Slots_chan190_amb_temp_22.9C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 9.568 V/m; **Power Drift = 0.075 dB**

Averaged SAR: SAR(1g) = 0.514 W/kg; SAR(10g) = 0.401 W/kg
Maximum value of SAR (interpolated) = 0.614 W/kg

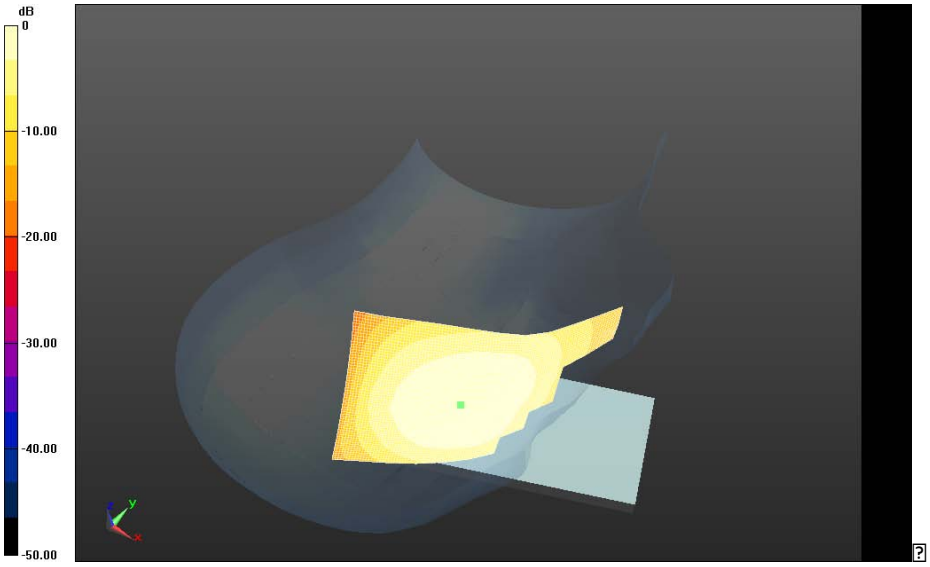


0 dB = 0.447 W/kg = -3.50 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - DTM 850/Tilt Position - EDGE850_4-Slots_chan190_amb_temp_23.0C_liq_temp_22.7C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.429 V/m; **Power Drift = -0.160 dB**

Fast SAR: SAR(1g) = 0.345 W/kg; SAR(10g) = 0.241 W/kg
Maximum value of SAR (interpolated) = 0.393 W/kg



0 dB = 0.556 W/kg = -2.55 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/15/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Left-Hand-Side HSL - DTM 850

Communication System: GSM 850; Communication System Band: GSM 850; Frequency: 836.8 MHz
Medium Parameters used: f=836.8 MHz; σ = 0.900 S/m; ε_r = 41.540; ρ = 1.000 g/cm^3
Phantom section: Left Section

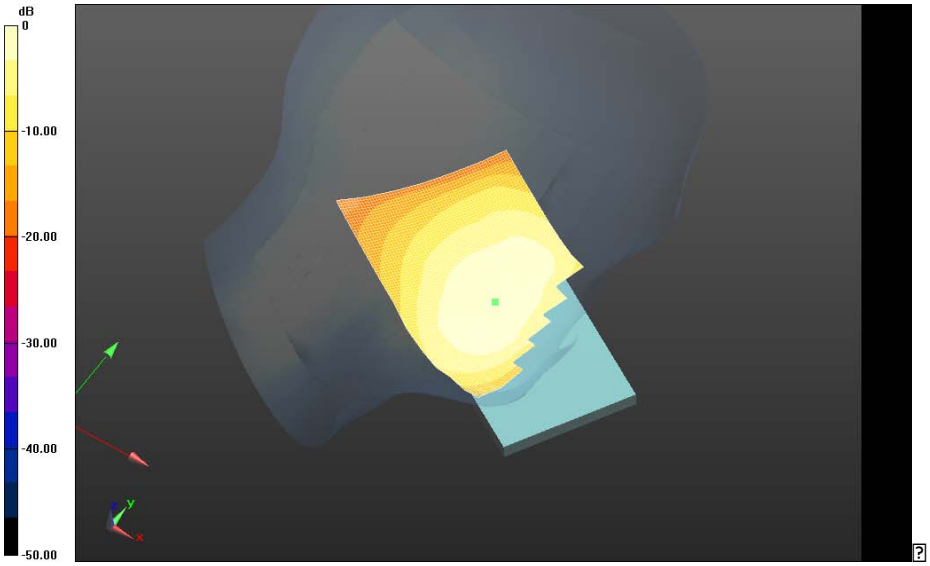
DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (6.19,6.19,6.19); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - DTM 850/Touch Position - GSM850_chan190_amb_temp_23.2C_liq_temp_22.7C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.176 V/m; **Power Drift = 0.022 dB**

Fast SAR: SAR(1g) = 0.433 W/kg; SAR(10g) = 0.296 W/kg
Maximum value of SAR (interpolated) = 0.495 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



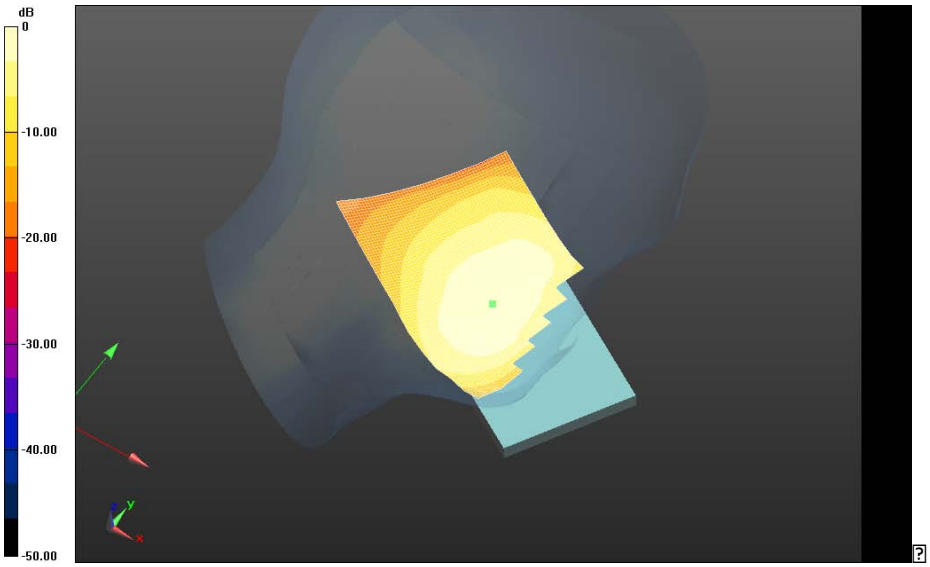
0 dB = 0.495 W/kg = -3.05 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 850/Touch Position - DTM850_2-slots_chan190_amb_temp_22.8C_liq_temp_22.0C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.289 V/m; **Power Drift = 0.027 dB**

Fast SAR: SAR(1g) = 0.576 W/kg; SAR(10g) = 0.392 W/kg
Maximum value of SAR (interpolated) = 0.661 W/kg



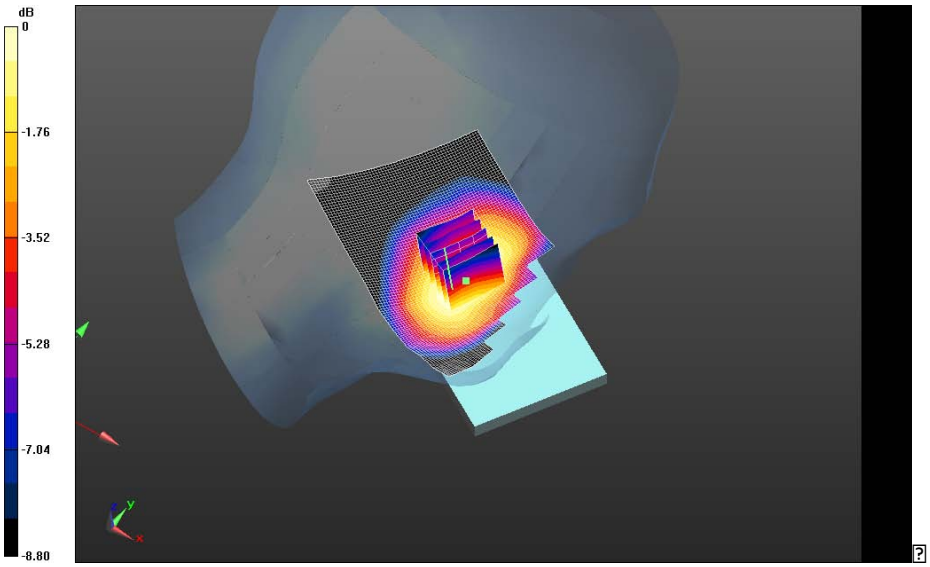
0 dB = 0.495 W/kg = -3.05 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 850/Touch Position - DTM850_3-Slots_chan190_amb_temp_22.9C_liq_temp_22.2C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.663 V/m; **Power Drift = -0.081 dB**

Left-Hand-Side HSL - DTM 850/Touch Position - DTM850_3-Slots_chan190_amb_temp_22.9C_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 = 8.663 V/m; **Power Drift = -0.081 dB**

Averaged SAR: SAR(1g) = 0.627 W/kg; SAR(10g) = 0.473 W/kg
Maximum value of SAR (interpolated) = 0.804 W/kg

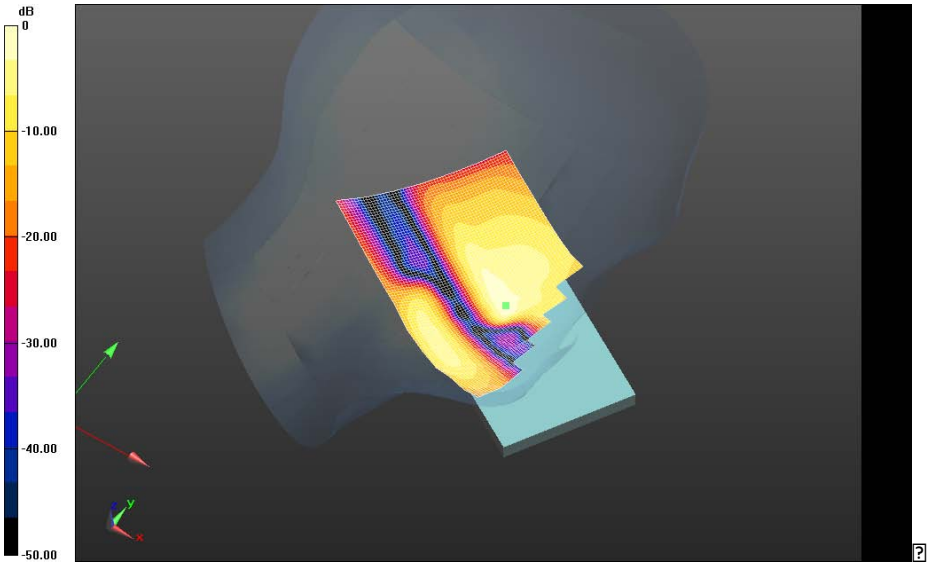


0 dB = 0.661 W/kg = -1.80 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 850/Touch Position - EDGE850_4-Slots_chan190_amb_temp_22.8C_liq_temp_22.1C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.180 V/m; **Power Drift = 0.209 dB**

Fast SAR: SAR(1g) = 0.617 W/kg; SAR(10g) = 0.385 W/kg
Maximum value of SAR (interpolated) = 1.54 W/kg

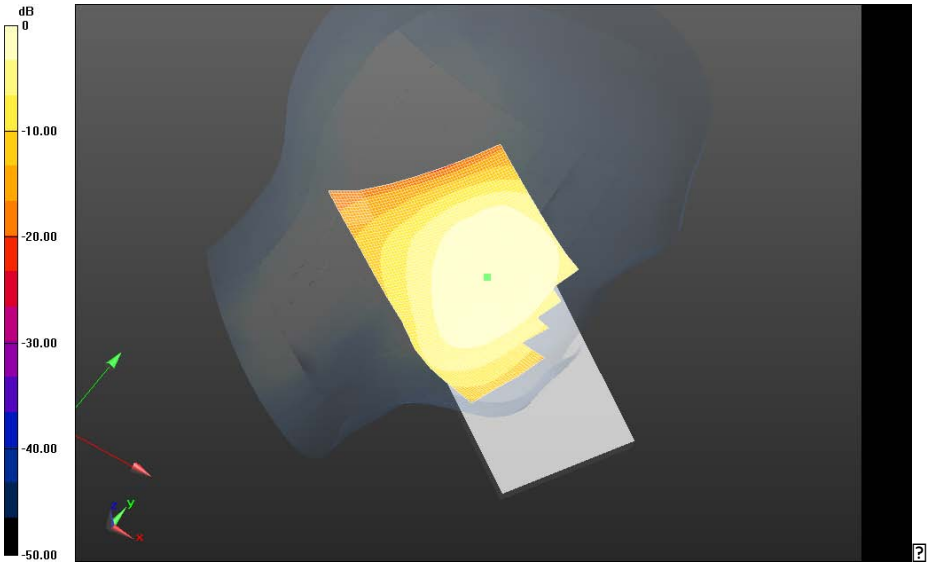


0 dB = 0.687 W/kg = -1.63 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 850/Tilt Position - EDGE850_4-Slots_chan190_amb_temp_23.0C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.874 V/m; **Power Drift = 0.058 dB**

Fast SAR: SAR(1g) = 0.366 W/kg; SAR(10g) = 0.254 W/kg
Maximum value of SAR (interpolated) = 0.416 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

UMTS Band V

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/15/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

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

Communication System: WCDMA FDD V; Communication System Band: UMTS band V;
Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.899 S/m; ε_r = 41.545; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

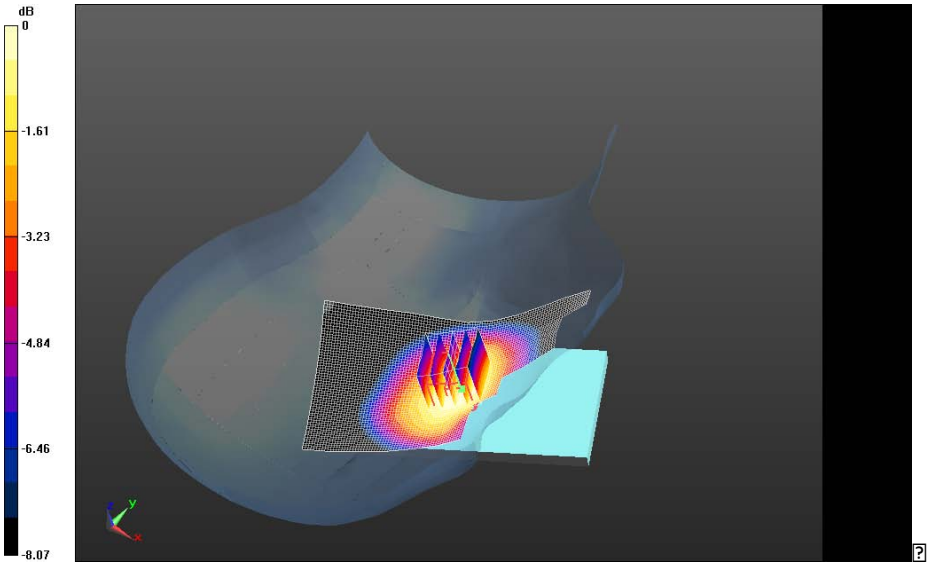
- Probe: ES3DV3 - SN3225; ConvF: (6.19,6.19,6.19); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - UMTS band V/Touch Position - UMTS band V_chan4182 _amb_temp_23.6C_liq_temp_23.0C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.132 V/m; **Power Drift = -0.050 dB**

Right-Hand-Side HSL - UMTS band V/Touch Position - UMTS band V_chan4182 _amb_temp_23.6C_liq_temp_23.0C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.132 V/m; **Power Drift = -0.050 dB**

Averaged SAR: SAR(1g) = 0.356 W/kg; SAR(10g) = 0.273 W/kg
Maximum value of SAR (interpolated) = 0.432 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



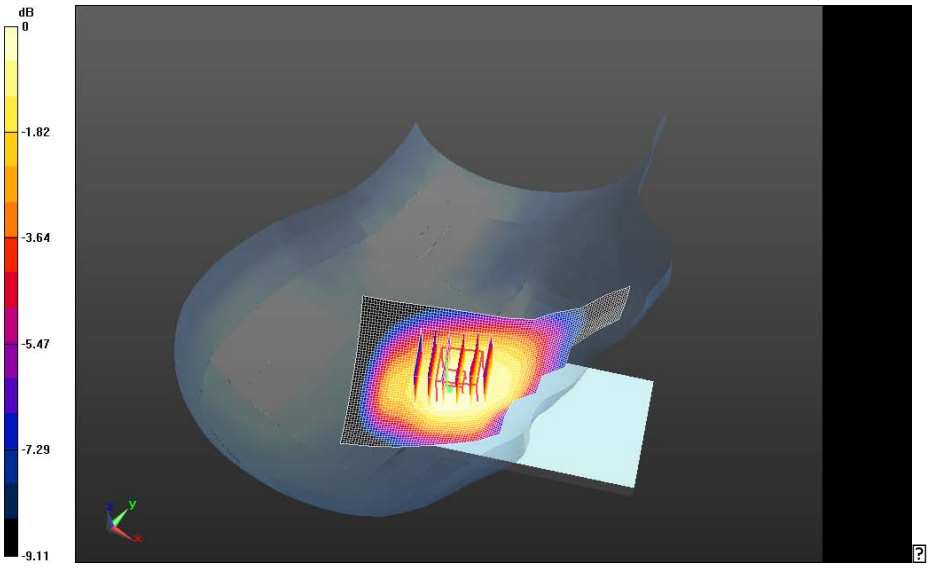
0 dB = 0.386 W/kg = -4.13 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - UMTS band V/Tilt Position - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_23.0C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.920 V/m; **Power Drift = -0.040 dB**

Right-Hand-Side HSL - UMTS band V/Tilt Position - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_23.0C/Zoom Scan (21x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.920 V/m; **Power Drift = -0.040 dB**

Averaged SAR: SAR(1g) = 0.201 W/kg; SAR(10g) = 0.156 W/kg
Maximum value of SAR (interpolated) = 0.247 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/15/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

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

Communication System: WCDMA FDD V; Communication System Band: UMTS band V; Frequency: 836.4 MHz
Medium Parameters used: f=836.4 MHz; σ = 0.899 S/m; ε_r = 41.545; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

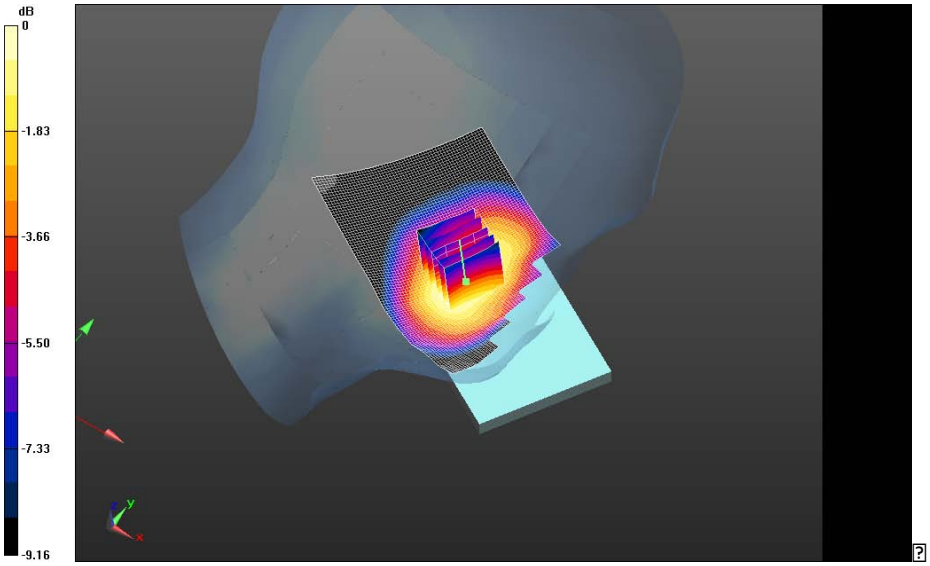
- Probe: ES3DV3 - SN3225; ConvF: (6.19,6.19,6.19); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - UMTS band V/Touch Position - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_23.0C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.098 V/m; **Power Drift = 0.147 dB**

Left-Hand-Side HSL - UMTS band V/Touch Position - UMTS band V_chan4182_amb_temp_23.6C_liq_temp_23.0C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.098 V/m; **Power Drift = 0.147 dB**

Averaged SAR: SAR(1g) = 0.438 W/kg; SAR(10g) = 0.328 W/kg
Maximum value of SAR (interpolated) = 0.569 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



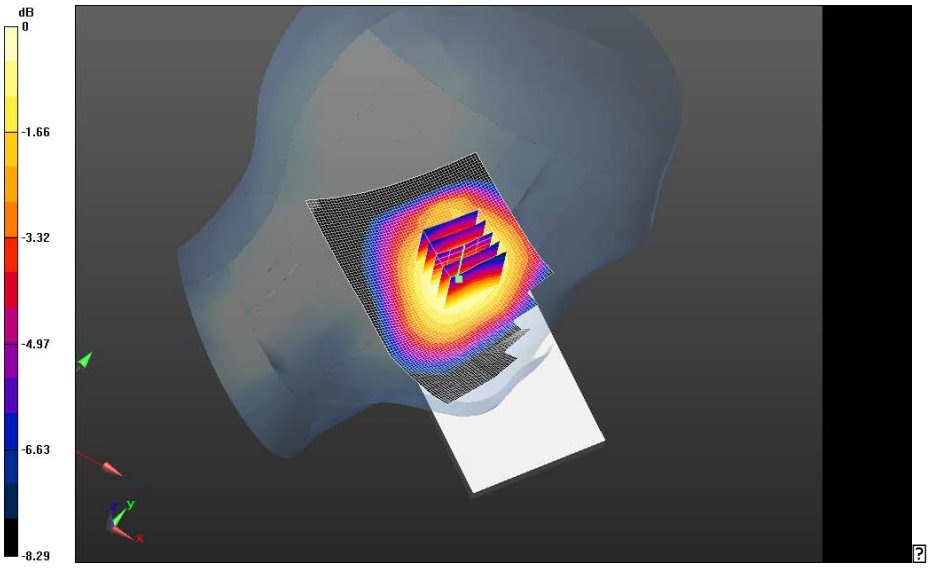
0 dB = 0.483 W/kg = -3.16 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - UMTS band V/Tilt Position - UMTS band V_chan4182_amb_temp_23.4C_liq_temp_23.0C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.629 V/m; **Power Drift = 0.047 dB**

Left-Hand-Side HSL - UMTS band V/Tilt Position - UMTS band V_chan4182_amb_temp_23.4C_liq_temp_23.0C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.629 V/m; **Power Drift = 0.047 dB**

Averaged SAR: SAR(1g) = 0.234 W/kg; SAR(10g) = 0.181 W/kg
Maximum value of SAR (interpolated) = 0.288 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

LTE 4

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/11/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Right-Hand-Side HSL - LTE Band 4

Communication System: LTE 4; Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.343 S/m; ε_r = 38.543; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

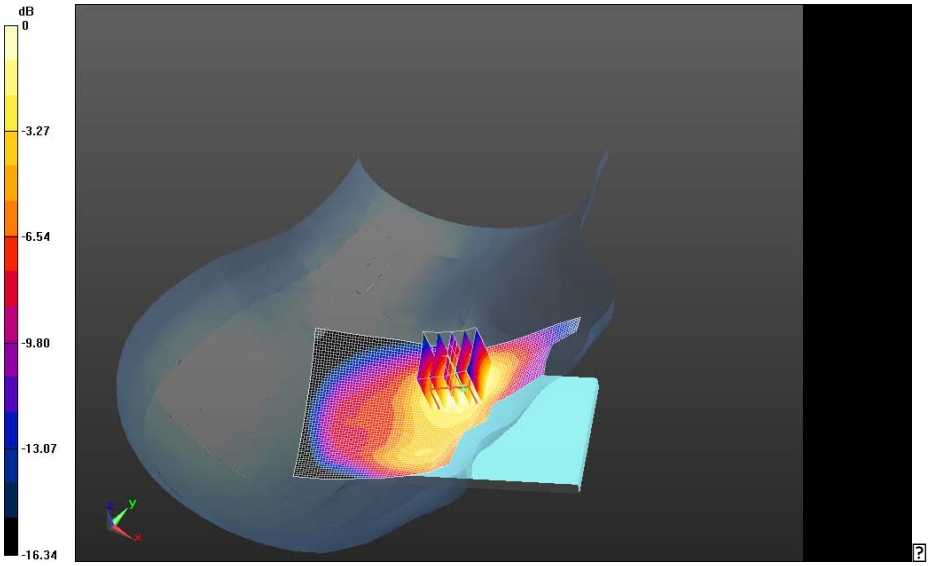
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - LTE Band 4/Touch Position - LTE_Band_4_chan20050_RB1_OFFSET50_amb_temp_23.4C_liq_temp_22.2C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.641 V/m; **Power Drift = -0.062 dB**

Right-Hand-Side HSL - LTE Band 4/Touch Position - LTE_Band_4_chan20050_RB1_OFFSET50_amb_temp_23.4C_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 = 7.641 V/m; **Power Drift = -0.062 dB**

Averaged SAR: SAR(1g) = 0.465 W/kg; SAR(10g) = 0.293 W/kg
Maximum value of SAR (interpolated) = 0.681 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

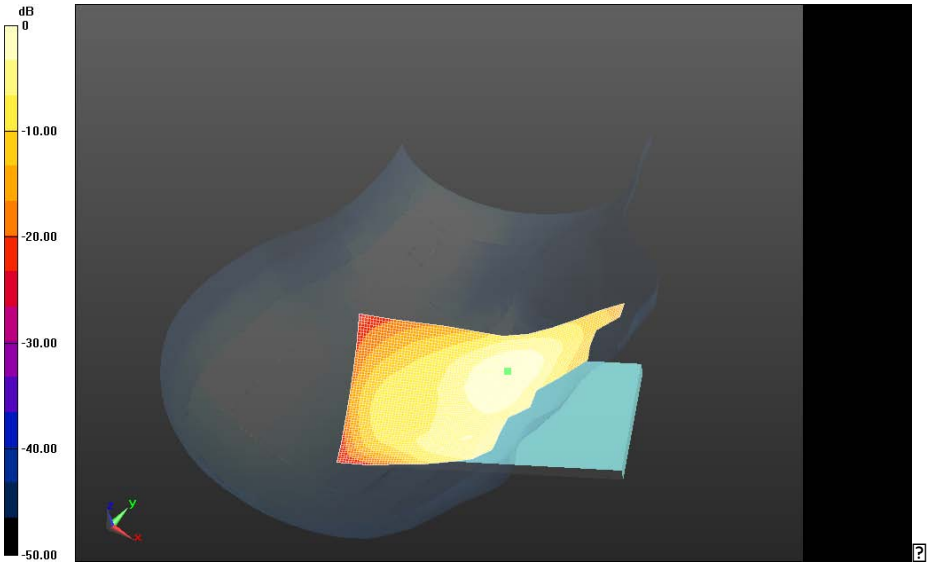


0 dB = 0.548 W/kg = -2.61 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 4/Touch Position - LTE_Band_4_chan20050_RB50_OFFSET0_amb_temp_23.5C_liq_temp_22.5C 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.752 V/m; **Power Drift = 0.042 dB**

Fast SAR: SAR(1g) = 0.360 W/kg; SAR(10g) = 0.212 W/kg
Maximum value of SAR (interpolated) = 0.439 W/kg

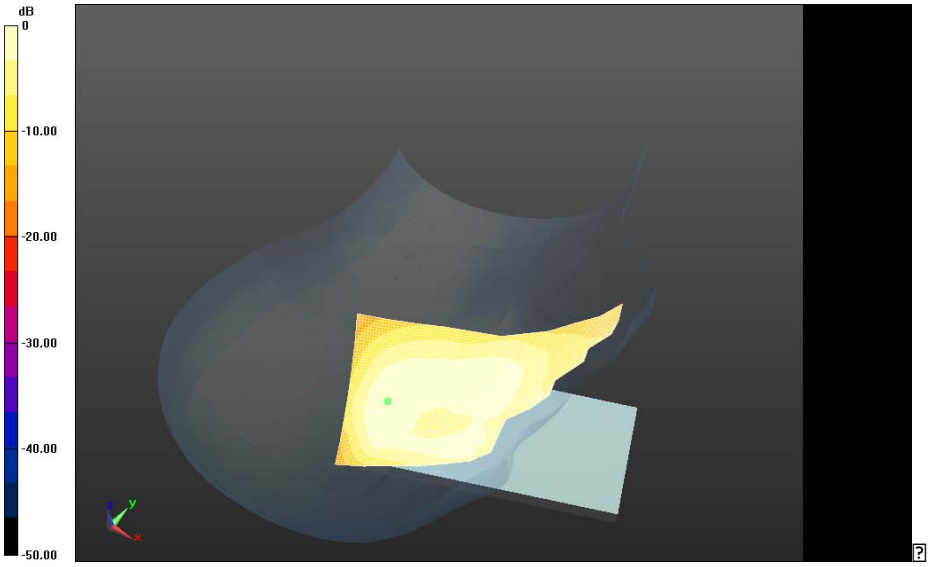


0 dB = 0.548 W/kg = -2.61 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 4/Tilt Position - LTE_Band_4_chan20050_RB1_OFFSET50_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.433 V/m; **Power Drift = 0.158 dB**

Fast SAR: SAR(1g) = 0.162 W/kg; SAR(10g) = 0.0965 W/kg
Maximum value of SAR (interpolated) = 0.203 W/kg



0 dB = 0.439 W/kg = -3.58 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/11/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Left-Hand-Side HSL - LTE Band 4

Communication System: LTE 4; Communication System Band: LTE 4; Frequency: 1720 MHz
Medium Parameters used: f=1720 MHz; σ = 1.343 S/m; ε_r = 38.543; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

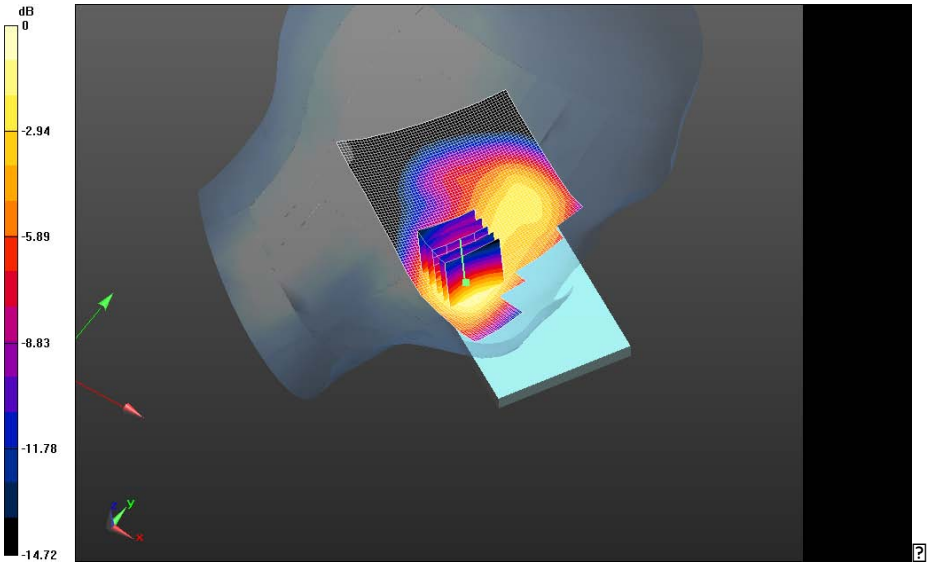
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - LTE Band 4/Touch Position - LTE_Band_4_chan20050_RB1_OFFSET50_amb_temp_23.0C_liq_temp_22.2C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.439 V/m; **Power Drift = 0.050 dB**

Left-Hand-Side HSL - LTE Band 4/Touch Position - LTE_Band_4_chan20050_RB1_OFFSET50_amb_temp_23.0C_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 = 6.439 V/m; **Power Drift = 0.050 dB**

Averaged SAR: SAR(1g) = 0.497 W/kg; SAR(10g) = 0.313 W/kg
Maximum value of SAR (interpolated) = 0.737 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

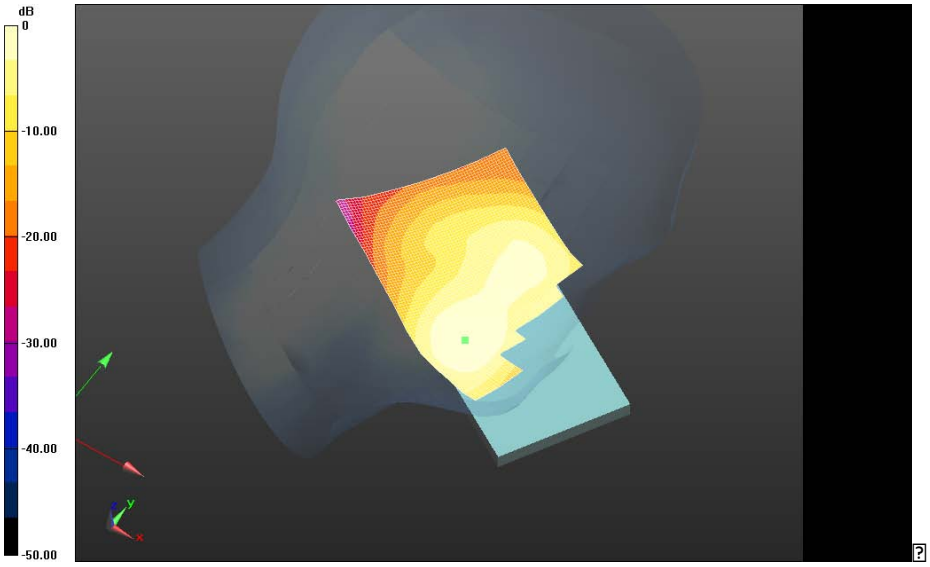


0 dB = 0.584 W/kg = -2.34 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - LTE Band 4/Touch Position - LTE_Band_4_chan20050_RB50_OFFSET0_amb_temp_23.6C_liq_temp_22.3C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.643 V/m; **Power Drift = 0.00722 dB**

Fast SAR: SAR(1g) = 0.379 W/kg; SAR(10g) = 0.228 W/kg
Maximum value of SAR (interpolated) = 0.460 W/kg



0 dB = 0.584 W/kg = -2.34 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - LTE Band 4/Tilt Position - LTE_Band_4_chan20050_RB1_OFFSET50_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.943 V/m; **Power Drift = 0.039 dB**

Fast SAR: SAR(1g) = 0.200 W/kg; SAR(10g) = 0.121 W/kg
Maximum value of SAR (interpolated) = 0.242 W/kg

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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

UMTS Band IV

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/10/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Right-Hand-Side HSL - UMTS IV

Communication System: WCDMA FDD IV; Communication System Band: UMTS band IV;
Frequency: 1732.6 MHz
Medium Parameters used: f=1732.6 MHz; σ = 1.356 S/m; ε_r = 38.492; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

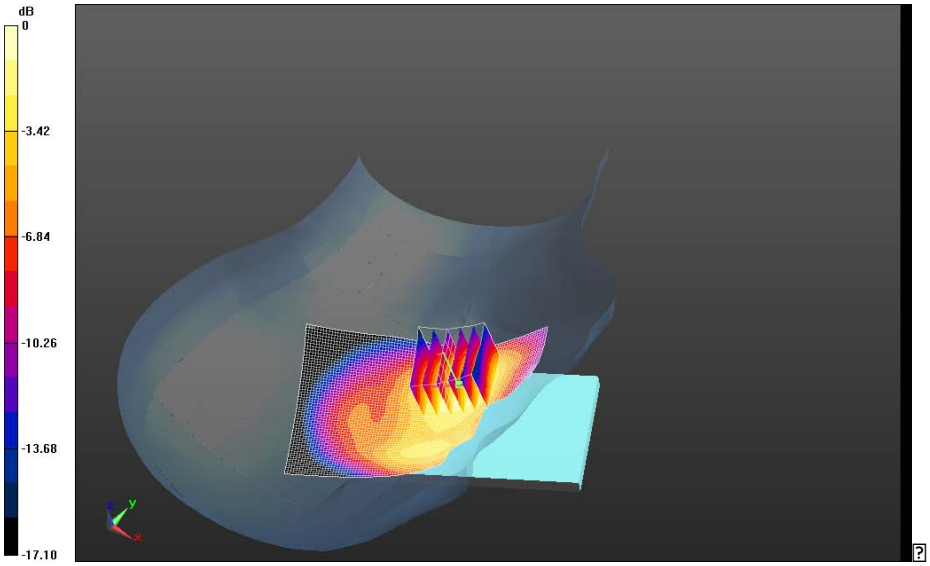
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - UMTS IV/Touch Position - UMTS_IV_chan1413_amb_temp_23.2C_liq_temp_22.8C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.056 V/m; **Power Drift = 0.338 dB**

Right-Hand-Side HSL - UMTS IV/Touch Position - UMTS_IV_chan1413_amb_temp_23.2C_liq_temp_22.8C/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 8.056 V/m; **Power Drift = 0.338 dB**

Averaged SAR: SAR(1g) = 0.493 W/kg; SAR(10g) = 0.310 W/kg
Maximum value of SAR (interpolated) = 0.725 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

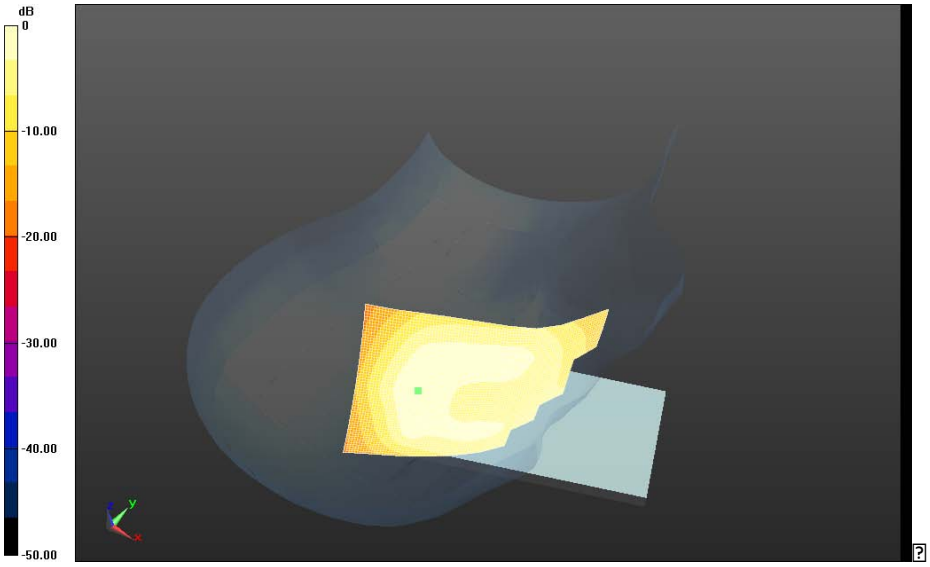


0 dB = 0.578 W/kg = -2.38 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - UMTS IV/Tilt Position - UMTS_IV_chan1413_amb_temp_23.2C_liq_temp_22.7C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.394 V/m; **Power Drift = 0.00449 dB**

Fast SAR: SAR(1g) = 0.200 W/kg; SAR(10g) = 0.114 W/kg
Maximum value of SAR (interpolated) = 0.252 W/kg



0 dB = 0.578 W/kg = -2.38 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/10/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Left-Hand-Side HSL - UMTS IV

Communication System: WCDMA FDD IV; Communication System Band: UMTS band IV;
Frequency: 1732.6 MHz
Medium Parameters used: f=1732.6 MHz; σ = 1.356 S/m; ε_r = 38.492; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

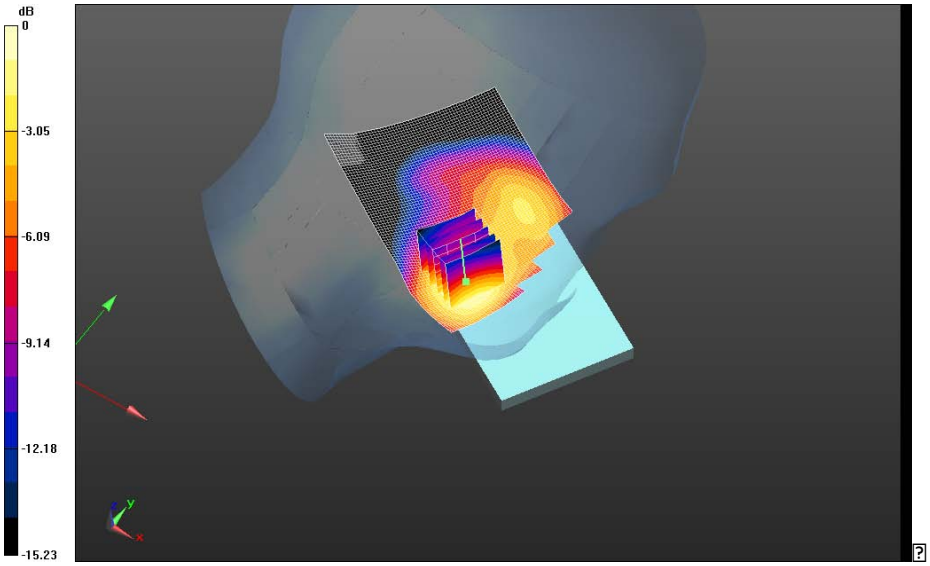
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - UMTS IV/Touch Position - UMTS_IV_chan1413_amb_temp_23.2C_liq_temp_22.6C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.865 V/m; **Power Drift = 0.089 dB**

Left-Hand-Side HSL - UMTS IV/Touch Position - UMTS_IV_chan1413_amb_temp_23.2C_liq_temp_22.6C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.865 V/m; **Power Drift = 0.089 dB**

Averaged SAR: SAR(1g) = 0.601 W/kg; SAR(10g) = 0.377 W/kg
Maximum value of SAR (interpolated) = 0.897 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

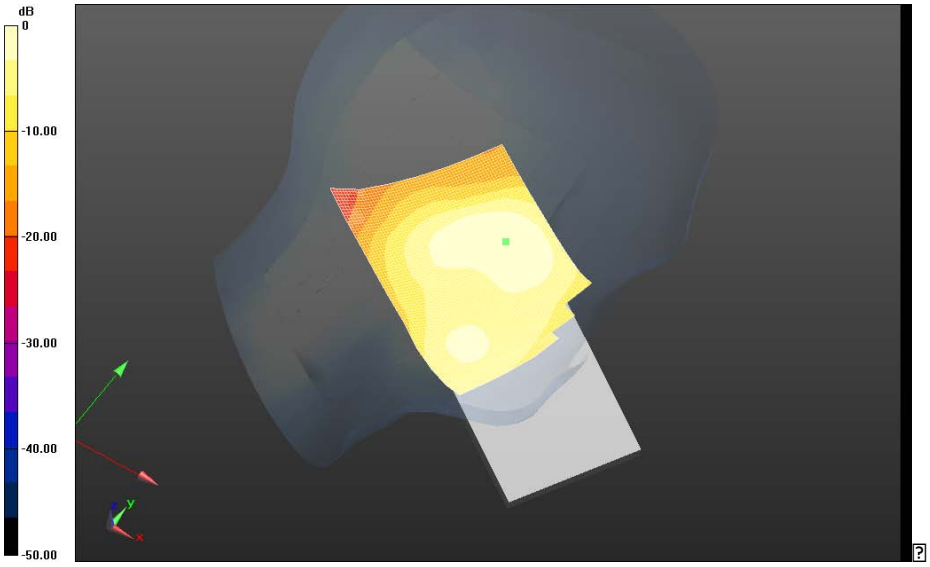


0 dB = 0.711 W/kg = -1.48 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - UMTS IV/Tilt Position - UMTS_IV_chan1413_amb_temp_23.1C_liq_temp_22.5C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.730 V/m; **Power Drift = 0.059 dB**

Fast SAR: SAR(1g) = 0.242 W/kg; SAR(10g) = 0.144 W/kg
Maximum value of SAR (interpolated) = 0.298 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

DTM/GSM 1900

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/5/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE967

Configuration: Right-Hand-Side HSL - DTM 1900

Communication System: DTM 1900; Communication System Band: DTM 1900; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.387 S/m; ε_r = 38.747; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

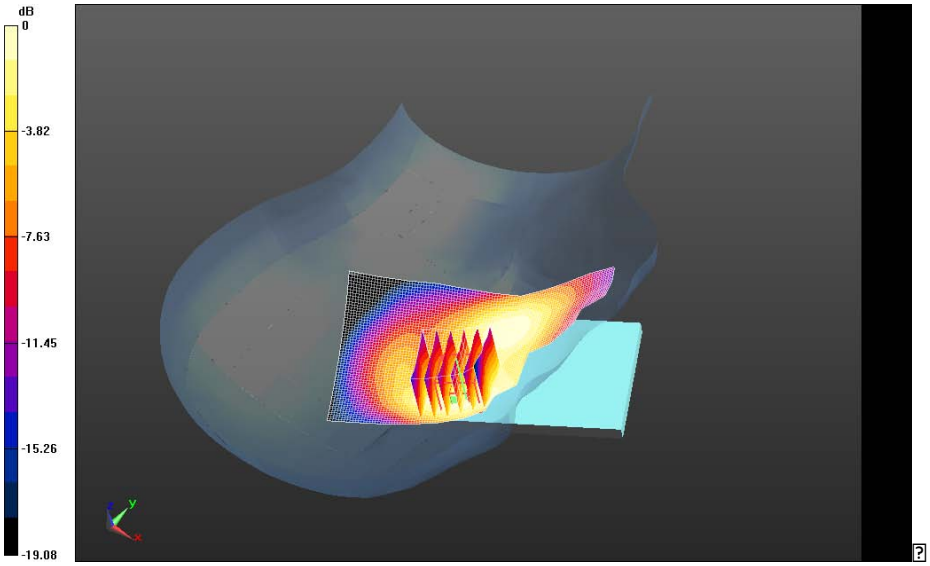
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - DTM 1900/Touch Position - GSM1900_chan661_amb_temp_23.3C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.644 V/m; **Power Drift = -0.039 dB**

Right-Hand-Side HSL - DTM 1900/Touch Position - GSM1900_chan661_amb_temp_23.3C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 4.644 V/m; **Power Drift = -0.039 dB**

Averaged SAR: SAR(1g) = 0.147 W/kg; SAR(10g) = 0.0929 W/kg
Maximum value of SAR (interpolated) = 0.219 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



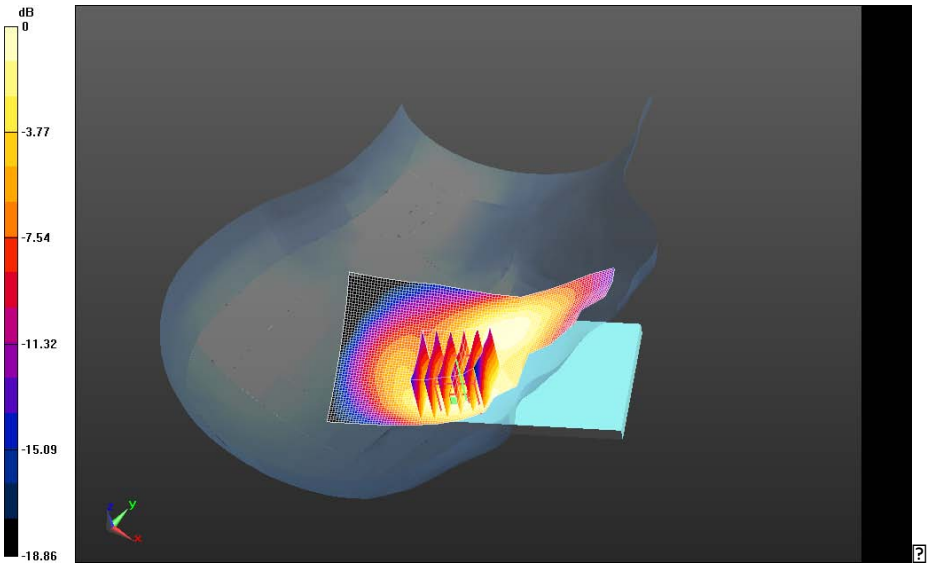
0 dB = 0.171 W/kg = -7.67 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - DTM 1900/Touch Position - DTM1900_chan661_amb_temp_23.0C_liq_temp_21.9C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.340 V/m; **Power Drift = 0.103 dB**

Right-Hand-Side HSL - DTM 1900/Touch Position - DTM1900_chan661_amb_temp_23.0C_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 = 4.340 V/m; **Power Drift = 0.103 dB**

Averaged SAR: SAR(1g) = 0.128 W/kg; SAR(10g) = 0.0805 W/kg
Maximum value of SAR (interpolated) = 0.193 W/kg



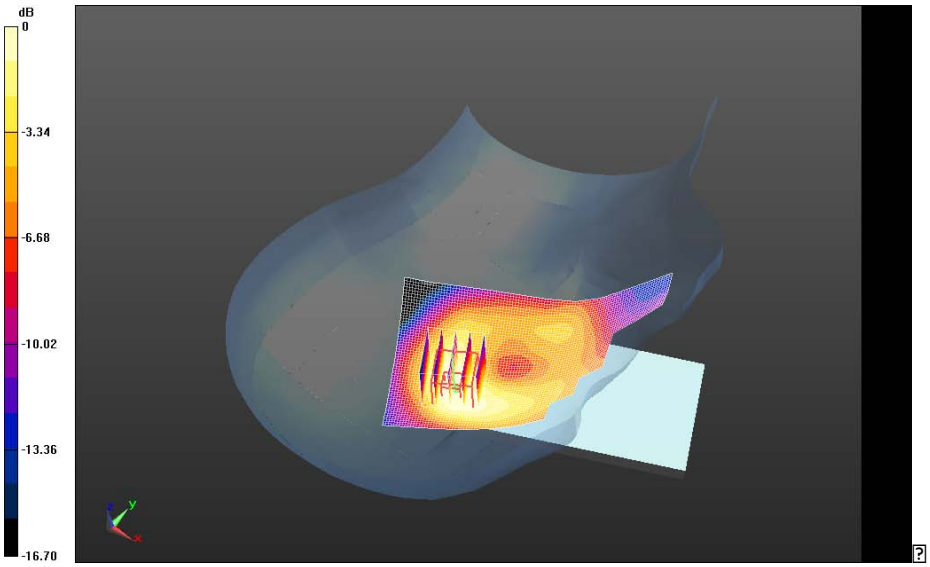
0 dB = 0.171 W/kg = -7.67 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - DTM 1900/Tilt Position - GSM1900_chan661_amb_temp_23.0C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.509 V/m; **Power Drift = 0.092 dB**

Right-Hand-Side HSL - DTM 1900/Tilt Position - GSM1900_chan661_amb_temp_23.0C_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 = 6.509 V/m; **Power Drift = 0.092 dB**

Averaged SAR: SAR(1g) = 0.0669 W/kg; SAR(10g) = 0.0418 W/kg
Maximum value of SAR (interpolated) = 0.0999 W/kg



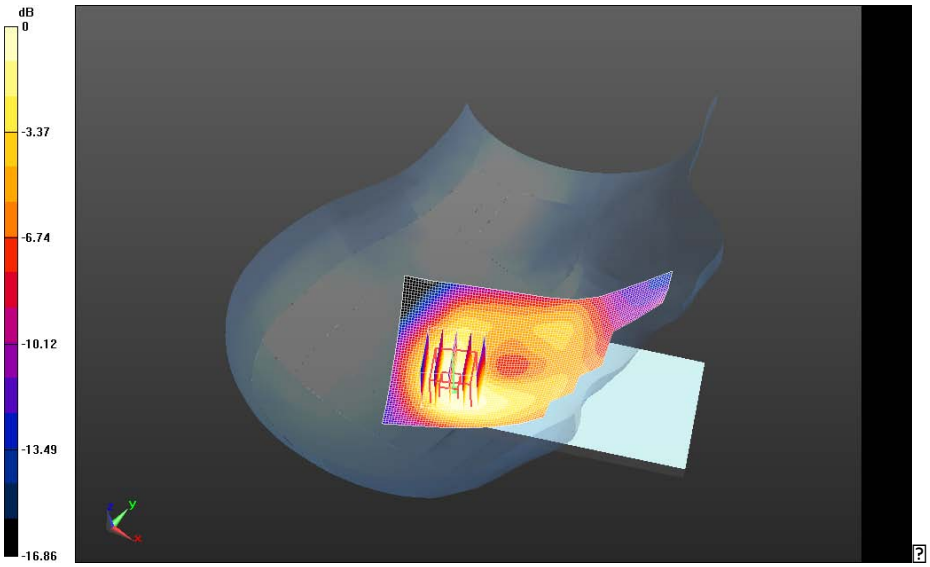
0 dB = 0.149 W/kg = -8.27 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - DTM 1900/Tilt Position - DTM1900_chan661_amb_temp_23.0C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.188 V/m; **Power Drift = -0.050 dB**

Right-Hand-Side HSL - DTM 1900/Tilt Position - DTM1900_chan661_amb_temp_23.0C_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 = 6.188 V/m; **Power Drift = -0.050 dB**

Averaged SAR: SAR(1g) = 0.0578 W/kg; SAR(10g) = 0.0361 W/kg
Maximum value of SAR (interpolated) = 0.0866 W/kg



0 dB = 0.0771 W/kg = -11.13 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/5/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE967

Configuration: Left-Hand-Side HSL - DTM 1900

Communication System: GSM 1900; Communication System Band: GSM 1900; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.387 S/m; ε_r = 38.747; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

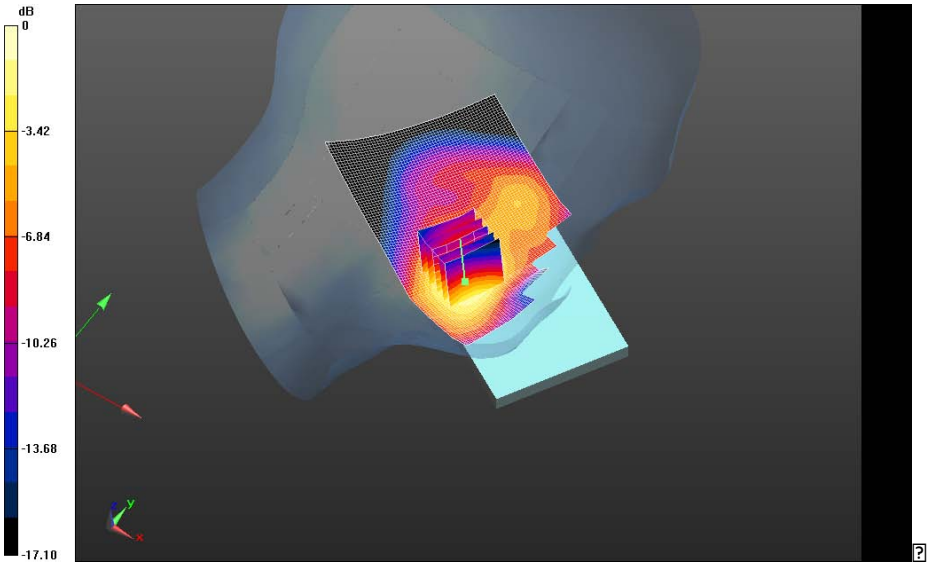
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - DTM 1900/Touch Position - GSM1900_chan661_amb_temp_22.8C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.844 V/m; **Power Drift = 0.018 dB**

Left-Hand-Side HSL - DTM 1900/Touch Position - GSM1900_chan661_amb_temp_22.8C_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 = 4.844 V/m; **Power Drift = 0.018 dB**

Averaged SAR: SAR(1g) = 0.292 W/kg; SAR(10g) = 0.179 W/kg
Maximum value of SAR (interpolated) = 0.438 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

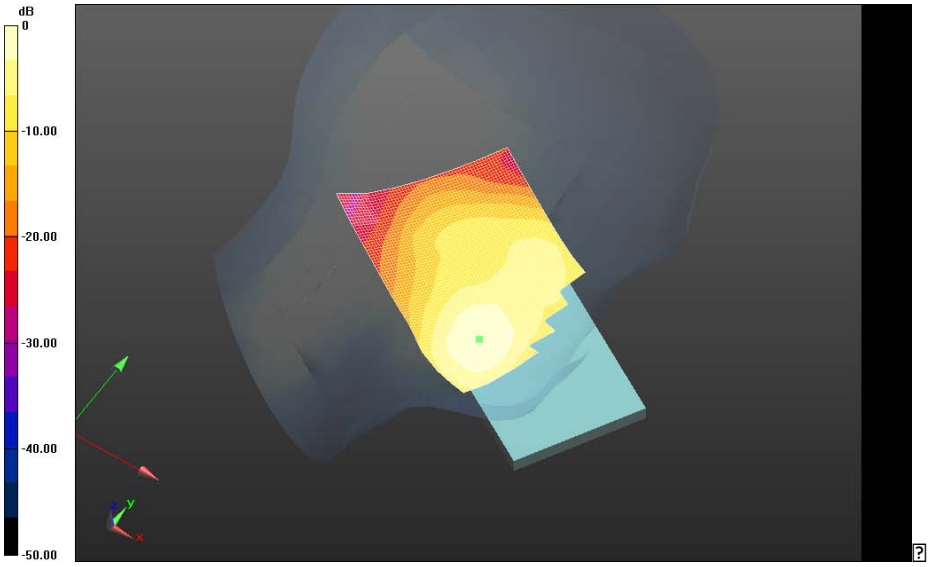


0 dB = 0.341 W/kg = -4.67 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 1900/Touch Position - DTM1900_chan661_amb_temp_23.0C_liq_temp_22.5C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.597 V/m; **Power Drift = 0.122 dB**

Fast SAR: SAR(1g) = 0.253 W/kg; SAR(10g) = 0.144 W/kg
Maximum value of SAR (interpolated) = 0.316 W/kg

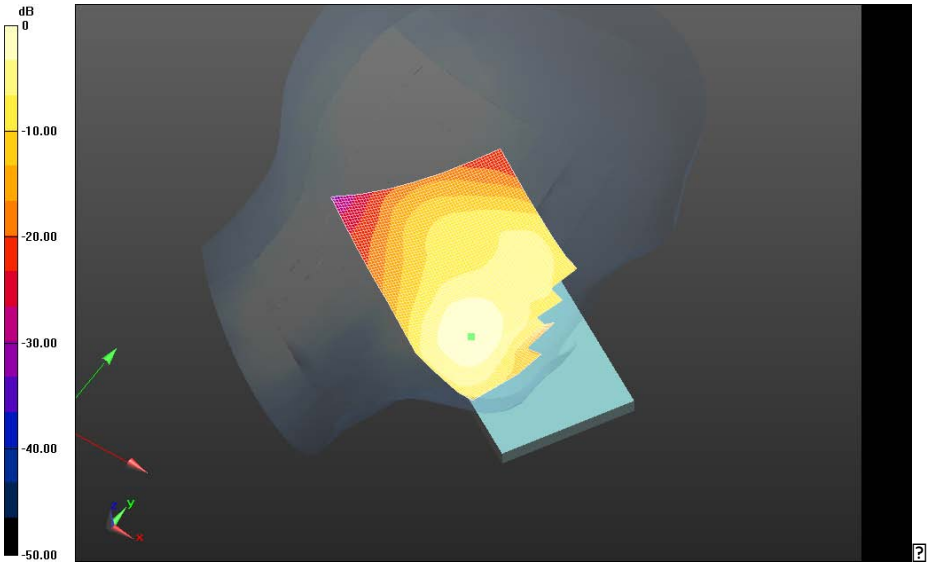


0 dB = 0.341 W/kg = -4.67 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 1900/Touch Position - DTM1900_3-Slots_chan661_amb_temp_23.3C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.760 V/m; **Power Drift = -0.173 dB**

Fast SAR: SAR(1g) = 0.254 W/kg; SAR(10g) = 0.144 W/kg
Maximum value of SAR (interpolated) = 0.313 W/kg

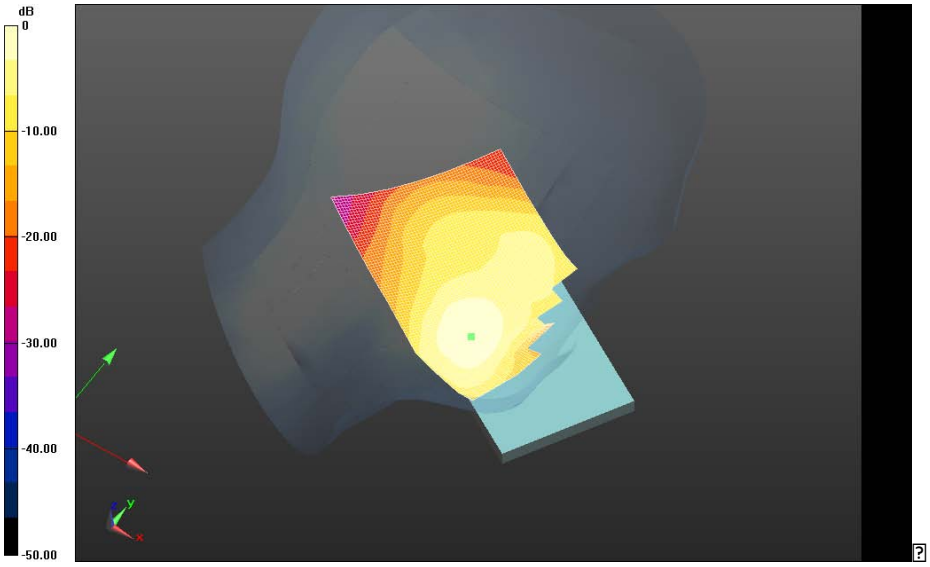


0 dB = 0.316 W/kg = -5.00 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 1900/Touch Position - EDGE1900_4-Slots_chan661_amb_temp_22.7C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 4.515 V/m; **Power Drift = 0.105 dB**

Fast SAR: SAR(1g) = 0.237 W/kg; SAR(10g) = 0.135 W/kg
Maximum value of SAR (interpolated) = 0.292 W/kg



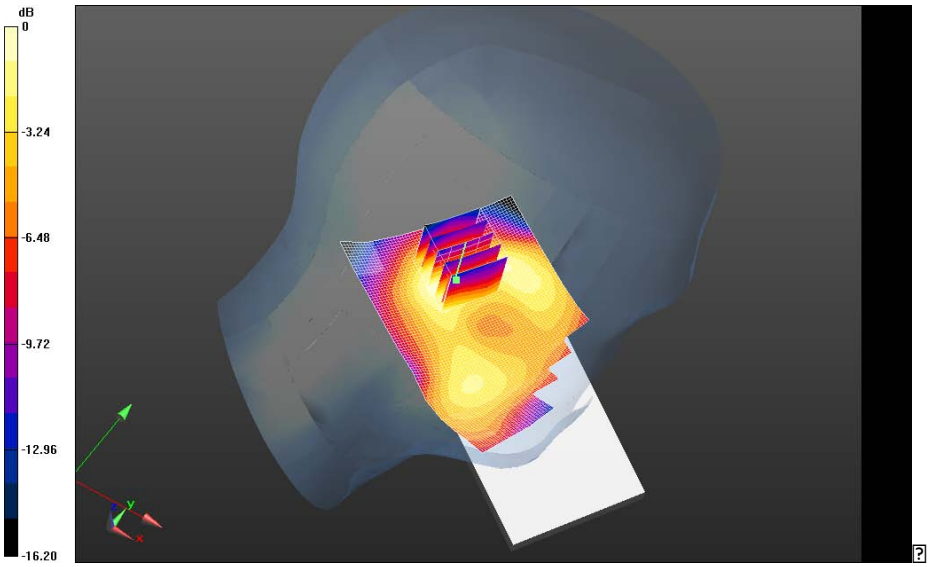
0 dB = 0.313 W/kg = -5.04 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - DTM 1900/Tilt Position - GSM1900_chan661_amb_temp_23.0C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.930 V/m; **Power Drift = 0.091 dB**

Left-Hand-Side HSL - DTM 1900/Tilt Position - GSM1900_chan661_amb_temp_23.0C_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 = 6.930 V/m; **Power Drift = 0.091 dB**

Averaged SAR: SAR(1g) = 0.0626 W/kg; SAR(10g) = 0.0378 W/kg
Maximum value of SAR (interpolated) = 0.0966 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

UMTS Band II

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/5/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE967

Configuration: Right-Hand-Side HSL - UMTS II

Communication System: WCDMA FDD II; Communication System Band: UMTS FDD II; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.387 S/m; ε_r = 38.747; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

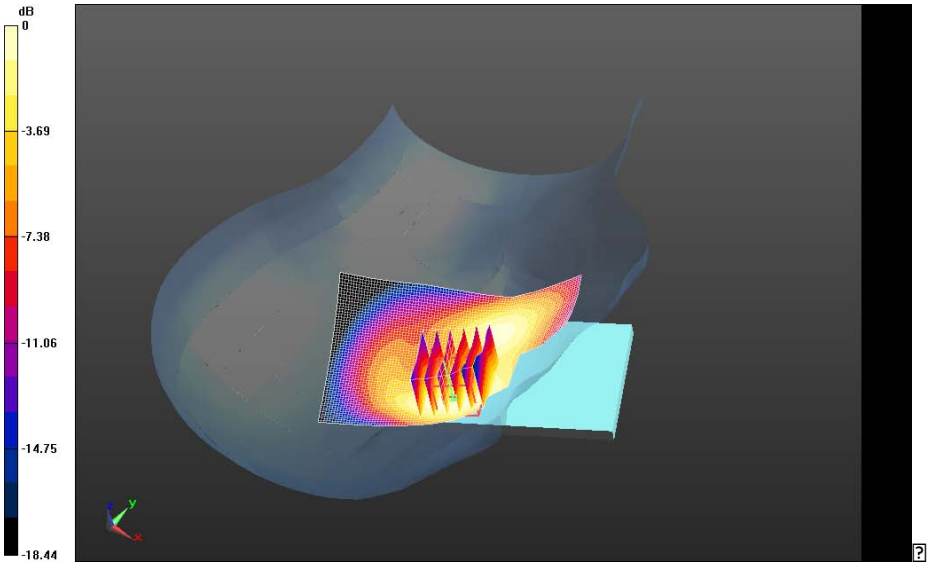
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - UMTS II/Touch Position - UMTS_II_chan9400_amb_temp_22.8C_liq_temp_21.8C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.672 V/m; **Power Drift = 0.063 dB**

Right-Hand-Side HSL - UMTS II/Touch Position - UMTS_II_chan9400_amb_temp_22.8C_liq_temp_21.8C/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.672 V/m; **Power Drift = 0.063 dB**

Averaged SAR: SAR(1g) = 0.297 W/kg; SAR(10g) = 0.187 W/kg
Maximum value of SAR (interpolated) = 0.449 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

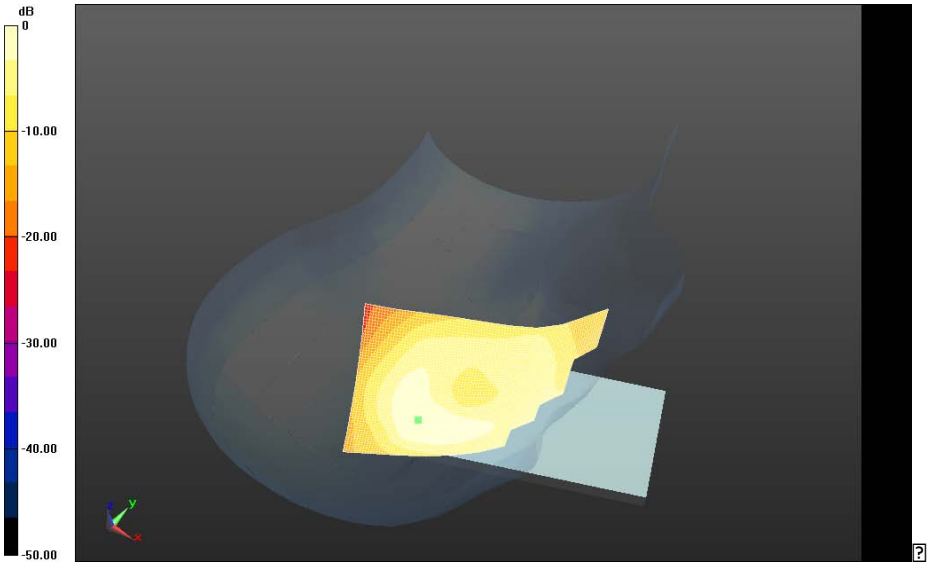


0 dB = 0.349 W/kg = -4.57 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - UMTS II/Tilt Position - UMTS_II_chan9400_amb_temp_23.1C_liq_temp_21.8C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.226 V/m; **Power Drift = 0.176 dB**

Fast SAR: SAR(1g) = 0.149 W/kg; SAR(10g) = 0.0848 W/kg
Maximum value of SAR (interpolated) = 0.190 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/5/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE967

Configuration: Left-Hand-Side HSL - UMTS II

Communication System: WCDMA FDD II; Communication System Band: UMTS FDD II; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.387 S/m; ε_r = 38.747; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

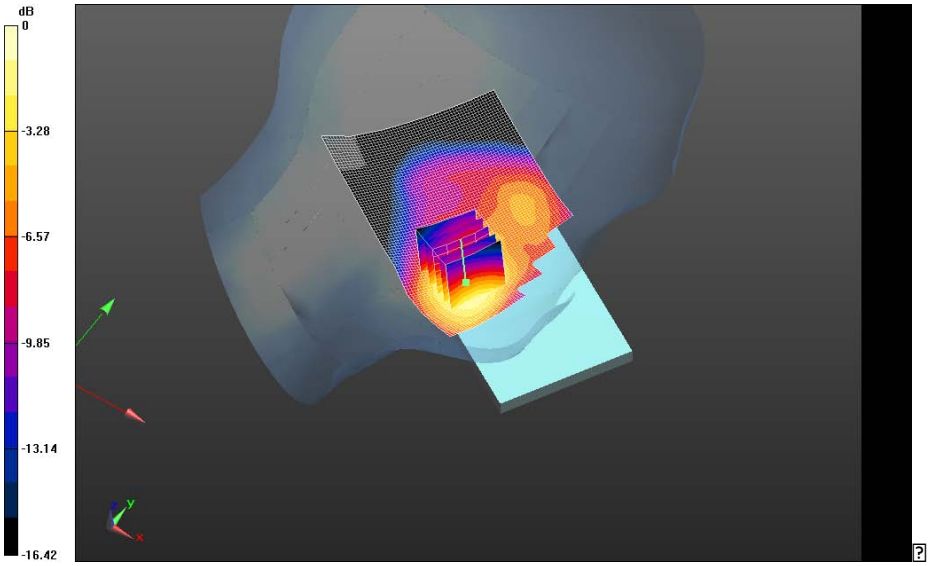
- Probe: ES3DV3 - SN3225; ConvF: (5.35,5.35,5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS_II_chan9400_amb_temp_23.1C_liq_temp_21.9C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.798 V/m; **Power Drift = -0.028 dB**

Left-Hand-Side HSL - UMTS II/Touch Position - UMTS_II_chan9400_amb_temp_23.1C_liq_temp_21.9C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 6.798 V/m; **Power Drift = -0.028 dB**

Averaged SAR: SAR(1g) = 0.556 W/kg; SAR(10g) = 0.342 W/kg
Maximum value of SAR (interpolated) = 0.839 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

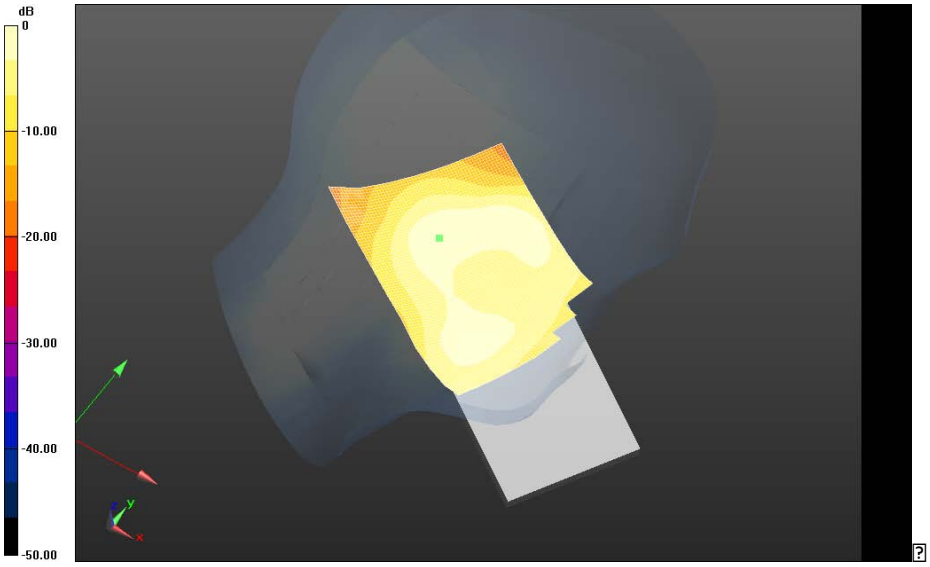


0 dB = 0.664 W/kg = -1.78 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - UMTS II/Tilt Position - UMTS_II_chan9400_amb_temp_23.2C_liq_temp_21.9C/Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.720 V/m; **Power Drift = -0.116 dB**

Fast SAR: SAR(1g) = 0.117 W/kg; SAR(10g) = 0.0674 W/kg
Maximum value of SAR (interpolated) = 0.149 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

LTE 2

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/9/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Right-Hand-Side HSL - LTE Band 2

Communication System: LTE 2; Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.502 S/m; ε_r = 51.048; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

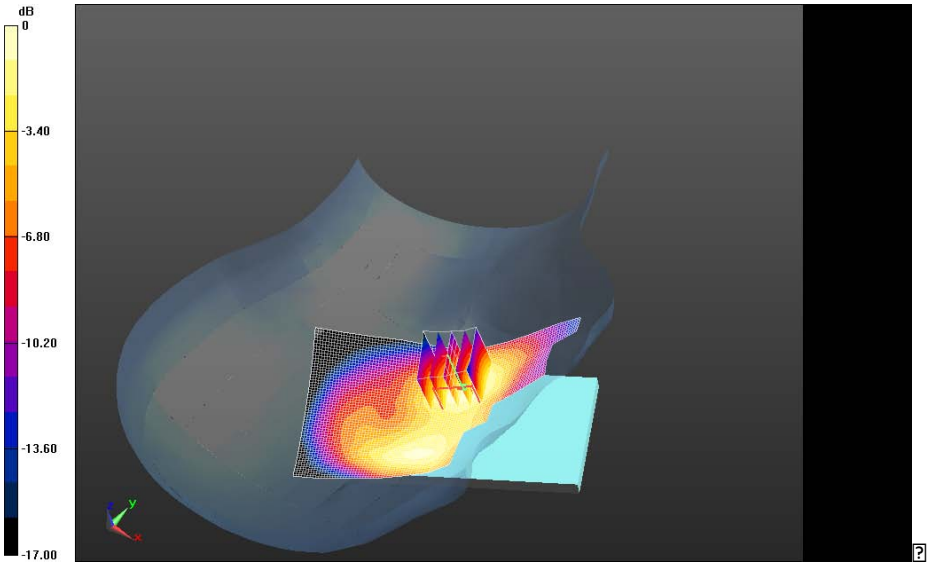
- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18700_RB1_OFFSET50_amb_temp_23.2C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.490 V/m; **Power Drift = 0.025 dB**

Right-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18700_RB1_OFFSET50_amb_temp_23.2C_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 = 6.490 V/m; **Power Drift = 0.025 dB**

Averaged SAR: SAR(1g) = 0.333 W/kg; SAR(10g) = 0.209 W/kg
Maximum value of SAR (interpolated) = 0.487 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

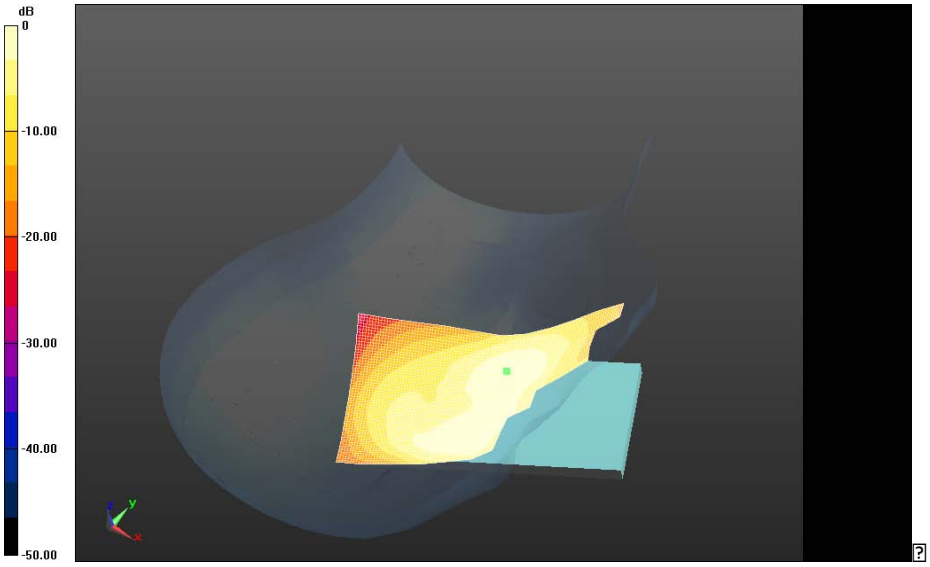


0 dB = 0.398 W/kg = -4.00 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18700_RB50_OFFSET50_amb_temp_23.8C_liq_temp_22.5C 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.554 V/m; **Power Drift = 0.111 dB**

Fast SAR: SAR(1g) = 0.239 W/kg; SAR(10g) = 0.139 W/kg
Maximum value of SAR (interpolated) = 0.292 W/kg



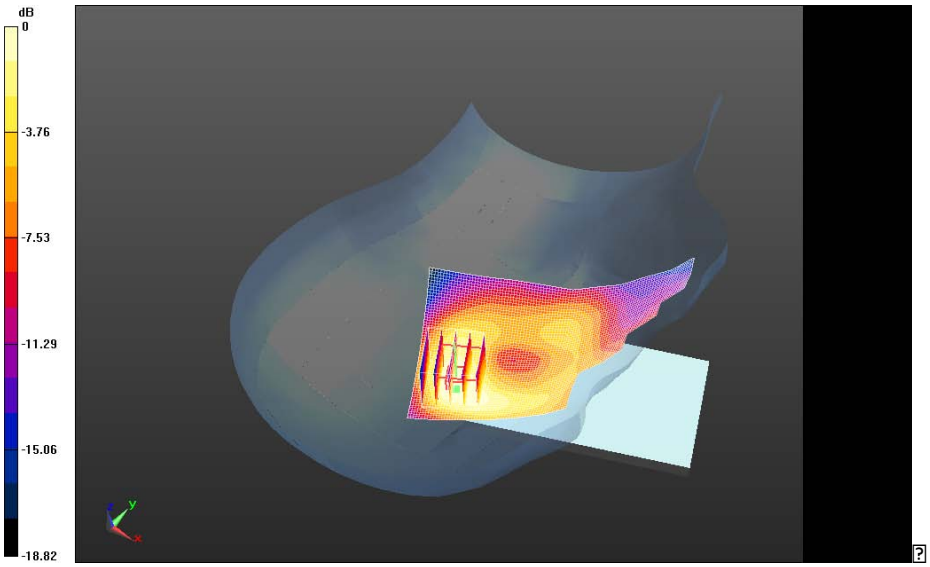
0 dB = 0.398 W/kg = -4.00 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - LTE Band 2/Tilt Position - LTE_Band_2_chan18700_RB1_OFFSET50_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.133 V/m; **Power Drift = -0.141 dB**

Right-Hand-Side HSL - LTE Band 2/Tilt Position - LTE_Band_2_chan18700_RB1_OFFSET50_amb_temp_23.8C_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 = 9.133 V/m; **Power Drift = -0.141 dB**

Averaged SAR: SAR(1g) = 0.136 W/kg; SAR(10g) = 0.0840 W/kg
Maximum value of SAR (interpolated) = 0.207 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/8/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Left-Hand-Side HSL - LTE Band 2

Communication System: LTE 2; Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.502 S/m; ε_r = 51.048; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

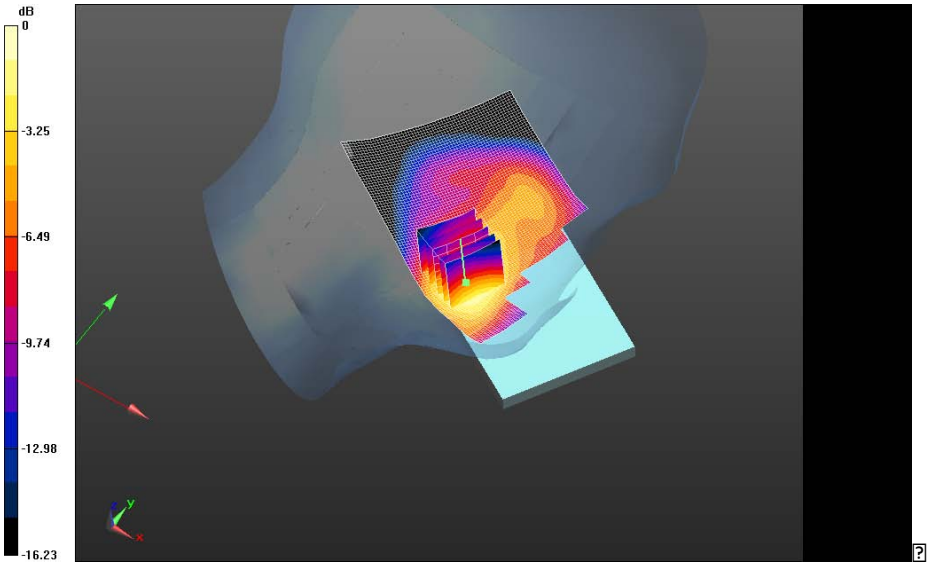
- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18700_RB1_OFFSET50_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.381 V/m; **Power Drift = 0.474 dB**

Left-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18700_RB1_OFFSET50_amb_temp_23.8C_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 = 6.381 V/m; **Power Drift = 0.474 dB**

Averaged SAR: SAR(1g) = 0.631 W/kg; SAR(10g) = 0.392 W/kg
Maximum value of SAR (interpolated) = 0.942 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



0 dB = 0.735 W/kg = -1.34 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date/Time: 8/7/2013 6:53:06 PM

Test Laboratory: RIM Testing Services

Left Touch Position - LTE_Band_2_chan18900_RB1_OFFSET99

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2FFFE9A7

Communication System: UID 0 - n/a, LTE 2; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.36 S/m; ε_r = 38.248; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

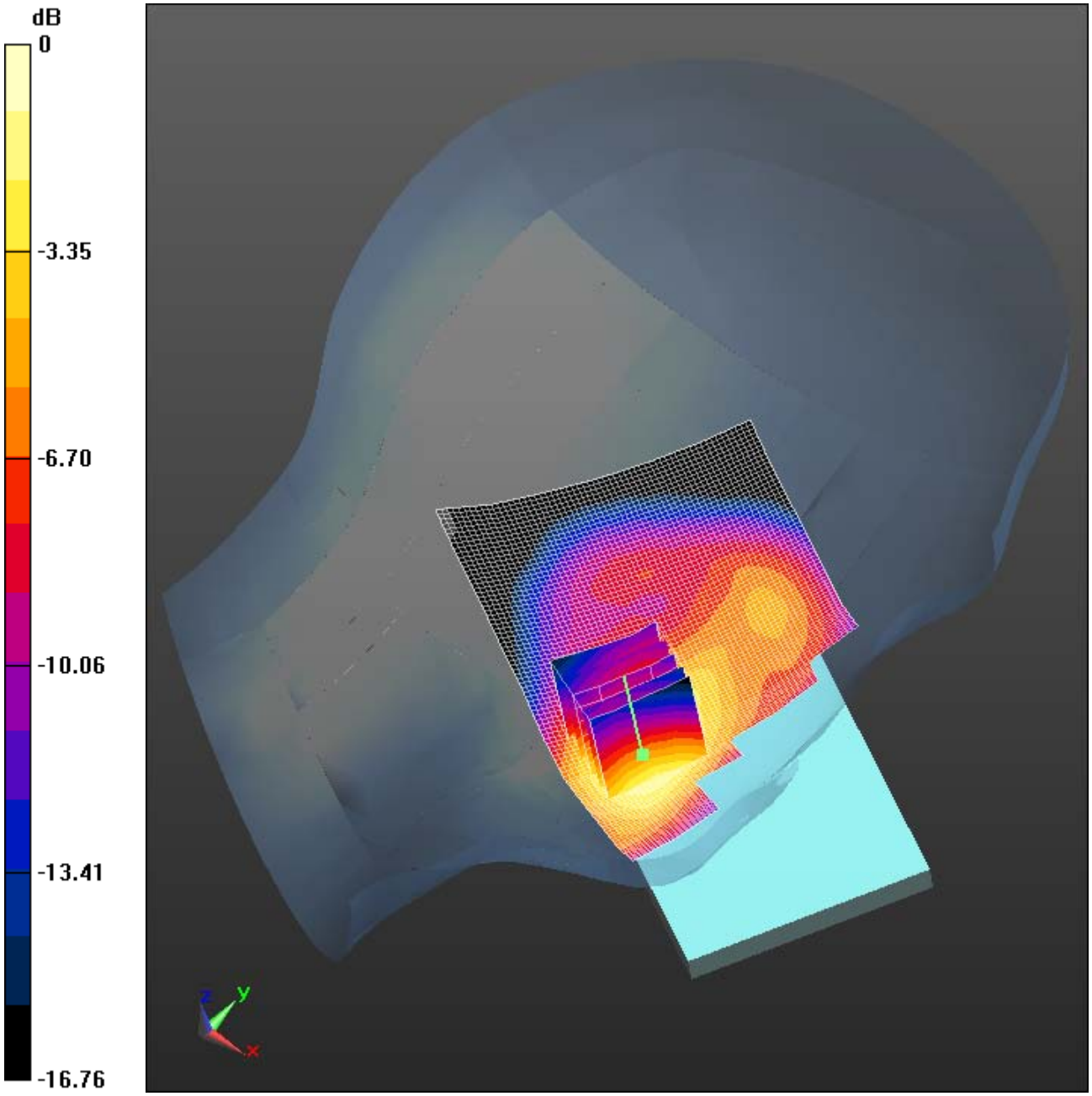
DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(5.35, 5.35, 5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X 14.6.9(7117)

Left-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18900_RB1_OFFSET99_amb_temp_23.3C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.548 W/kg

Left-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18900_RB1_OFFSET99_amb_temp_23.3C_liq_temp_22.5C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.244 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.542 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date/Time: 8/7/2013 7:13:46 PM

Test Laboratory: RIM Testing Services

Left Touch Position - LTE_Band_2_chan19100_RB1_OFFSET50

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2FFFE9A7

Communication System: UID 0 - n/a, LTE 2; Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.378 S/m; ε_r = 38.172; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

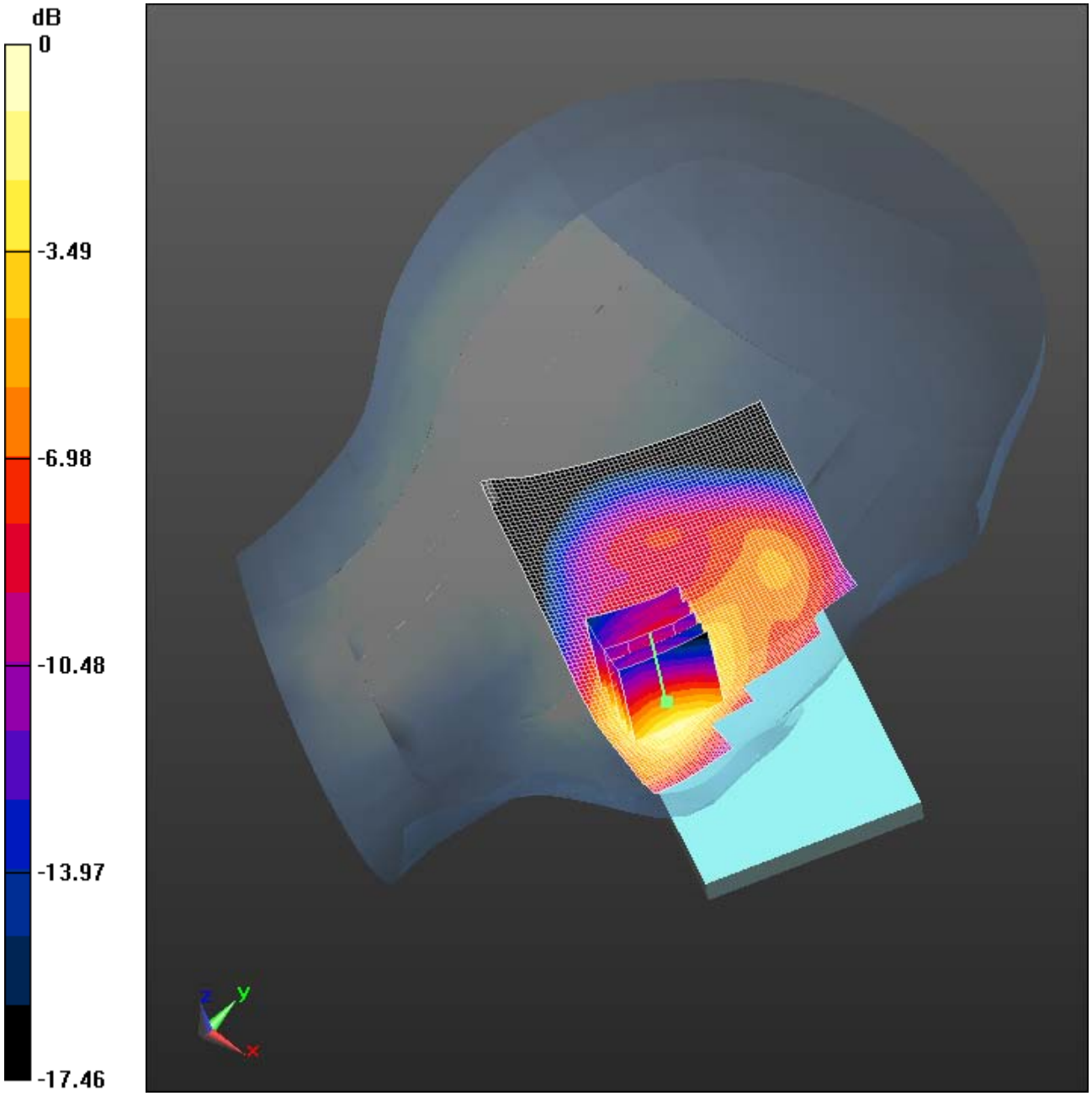
DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(5.35, 5.35, 5.35); Calibrated: 1/10/2013;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X 14.6.9(7117)

Left-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan19100_RB1_OFFSET50_amb_temp_23.3C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.524 W/kg

Left-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan19100_RB1_OFFSET50_amb_temp_23.3C_liq_temp_22.5C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.974 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 0.526 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



0 dB = 0.526 W/kg = -2.79 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/8/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Left-Hand-Side HSL - LTE Band 2

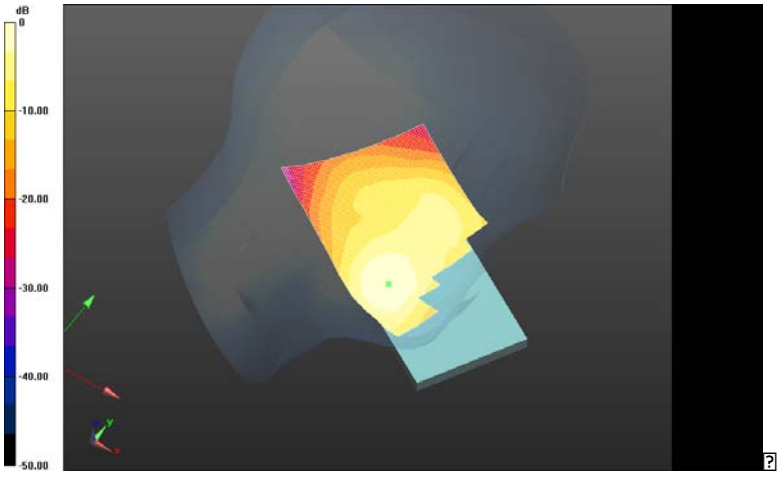
Communication System: LTE 2; Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.502 S/m; ε_r = 51.048; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - LTE Band 2/Touch Position - LTE_Band_2_chan18700_RB50_OFFSET50_amb_temp_23.8C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.924 V/m; **Power Drift = 0.018 dB**

Fast SAR: SAR(1g) = 0.457 W/kg; SAR(10g) = 0.264 W/kg
Maximum value of SAR (interpolated) = 0.563 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/8/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE9A7

Configuration: Left-Hand-Side HSL - LTE Band 2

Communication System: LTE 2; Communication System Band: LTE Band 2; Frequency: 1860 MHz
Medium Parameters used: f=1860 MHz; σ = 1.502 S/m; ε_r = 51.048; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF: (5.04,5.04,5.04); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - LTE Band 2/Tilt Position - LTE_Band_2_chan18700_RB1_OFFSET50_amb_temp_23.5C_liq_temp_22.5C/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.544 V/m; **Power Drift = 0.069 dB**

Fast SAR: SAR(1g) = 0.117 W/kg; SAR(10g) = 0.0690 W/kg
Maximum value of SAR (interpolated) = 0.148 W/kg

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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

802.11b

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/8/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Right-Hand-Side HSL - 802.11b

Communication System: 802.11 b (2450); Communication System Band: 802.11 b; Frequency: 2437 MHz
Medium Parameters used: f=2437 MHz; σ = 1.816 S/m; ε_r = 37.492; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

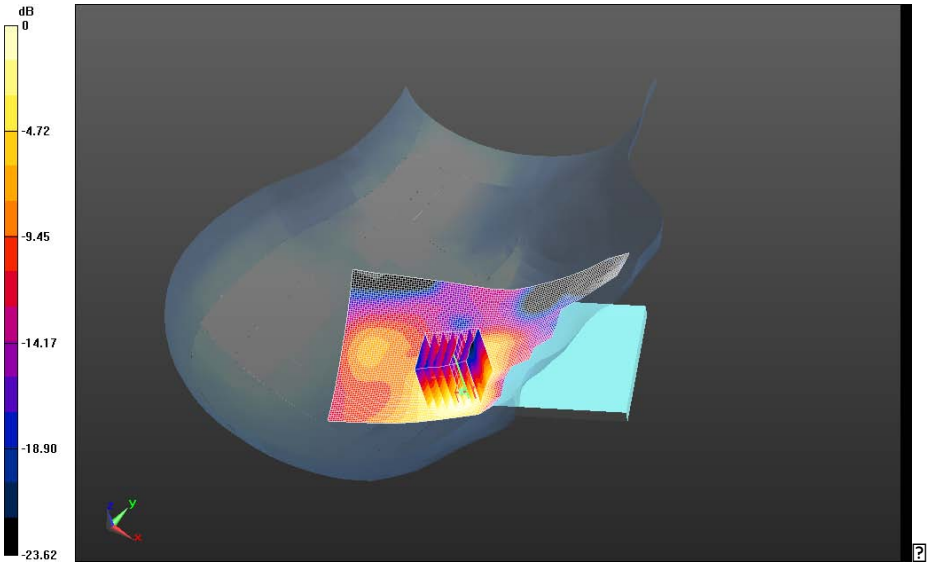
- Probe: ES3DV3 - SN3225; ConvF: (4.65,4.65,4.65); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - 802.11b/Touch Position - 802.11b_chan6_amb_temp_23.1C_liq_temp_22.5C/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.148 W/kg

Right-Hand-Side HSL - 802.11b/Touch Position - 802.11b_chan6_amb_temp_23.1C_liq_temp_22.5C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 8.163 V/m; **Power Drift = -0.017 dB**

Averaged SAR: SAR(1g) = 0.115 W/kg; SAR(10g) = 0.0639 W/kg
Maximum value of SAR (interpolated) = 0.221 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



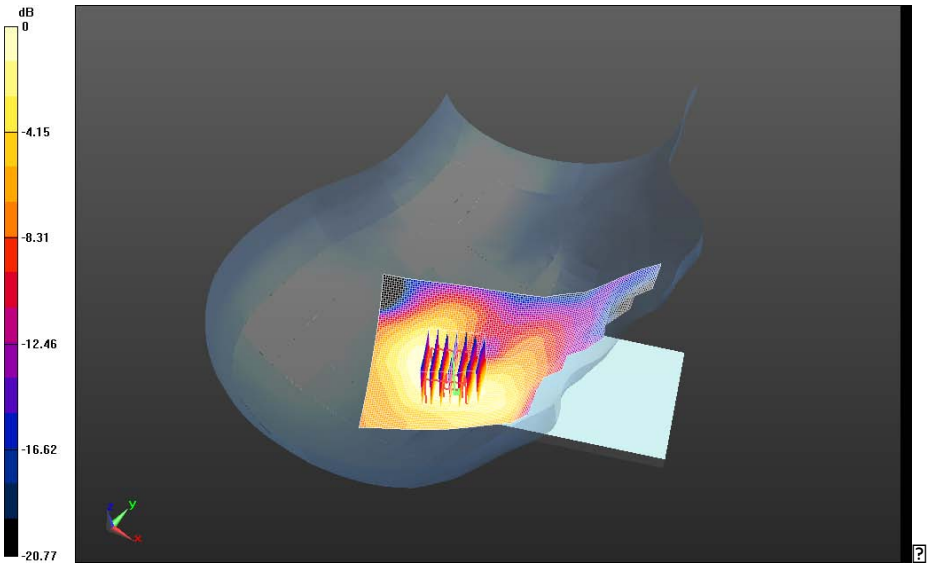
0 dB = 0.142 W/kg = -8.48 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - 802.11b/Tilt Position - 802.11b_chan6_amb_temp_23.0C_liq_temp_22.5C/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0557 W/kg

Right-Hand-Side HSL - 802.11b/Tilt Position - 802.11b_chan6_amb_temp_23.0C_liq_temp_22.5C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 5.676 V/m; **Power Drift = 0.134 dB**

Averaged SAR: SAR(1g) = 0.0472 W/kg; SAR(10g) = 0.0250 W/kg
Maximum value of SAR (interpolated) = 0.0836 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/8/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Left-Hand-Side HSL - 802.11b

Communication System: 802.11 b (2450); Communication System Band: 802.11 b; Frequency: 2437 MHz
Medium Parameters used: f=2437 MHz; σ = 1.816 S/m; ε_r = 37.492; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

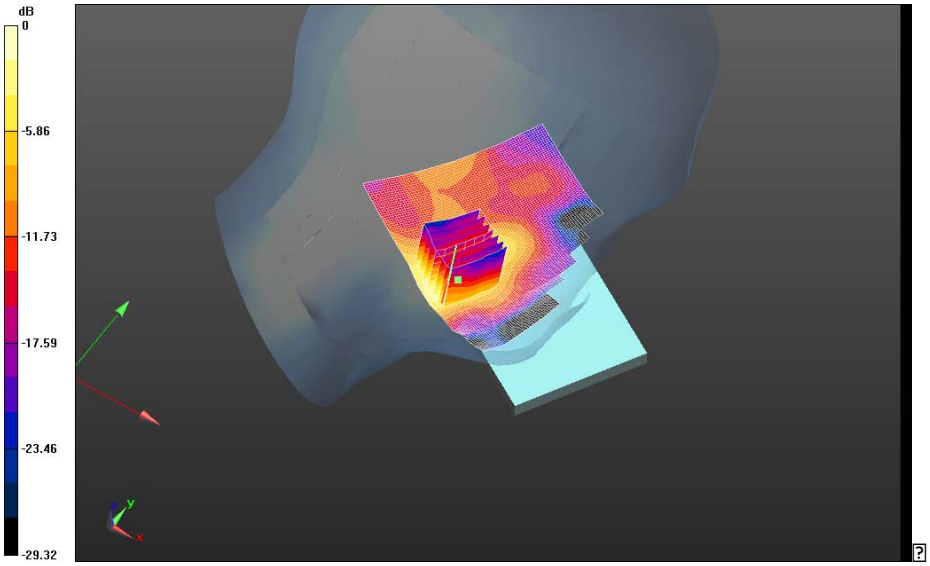
- Probe: ES3DV3 - SN3225; ConvF: (4.65,4.65,4.65); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - 802.11b/Touch Position - 802.11b_chan6_amb_temp_23.0C_liq_temp_22.4C/Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.251 W/kg

Left-Hand-Side HSL - 802.11b/Touch Position - 802.11b_chan6_amb_temp_23.0C_liq_temp_22.4C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 4.075 V/m; **Power Drift = 0.195 dB**

Averaged SAR: SAR(1g) = 0.207 W/kg; SAR(10g) = 0.0940 W/kg
Maximum value of SAR (interpolated) = 0.437 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



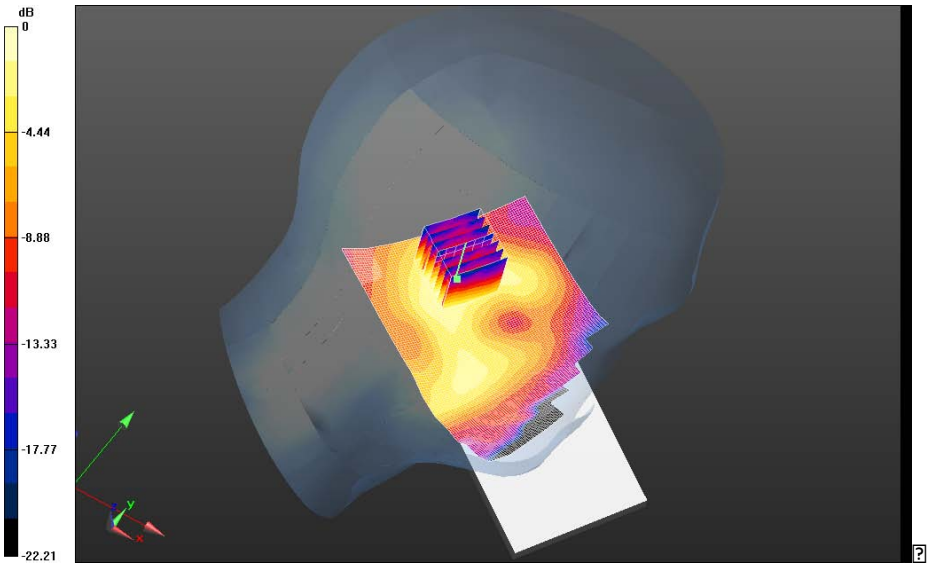
0 dB = 0.269 W/kg = -5.70 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - 802.11b/Tilt Position - 802.11b_chan6_amb_temp_23.0C_liq_temp_22.5C/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0503 W/kg

Left-Hand-Side HSL - 802.11b/Tilt Position - 802.11b_chan6_amb_temp_23.0C_liq_temp_22.5C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 5.556 V/m; **Power Drift = 0.056 dB**

Averaged SAR: SAR(1g) = 0.0428 W/kg; SAR(10g) = 0.0231 W/kg
Maximum value of SAR (interpolated) = 0.0749 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Bluetooth

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/19/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE4E2

Configuration: Right-Hand-Side HSL - Bluetooth

Communication System: Bluetooth; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2441 MHz
Medium Parameters used: f=2441 MHz; σ = 1.821 S/m; ε_r = 37.819; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

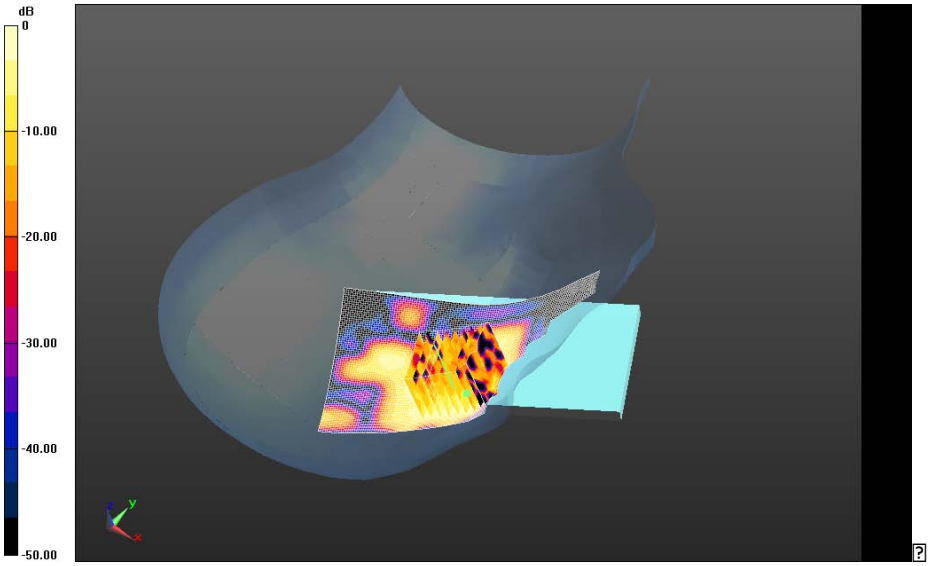
- Probe: ES3DV3 - SN3225; ConvF: (4.65,4.65,4.65); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0109 W/kg

Right-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Zoom Scan (41x41x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 2.084 V/m; **Power Drift = 0.372 dB**

Averaged SAR: SAR(1g) = 0.00725 W/kg; SAR(10g) = 0.00354 W/kg
Maximum value of SAR (interpolated) = 0.0295 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



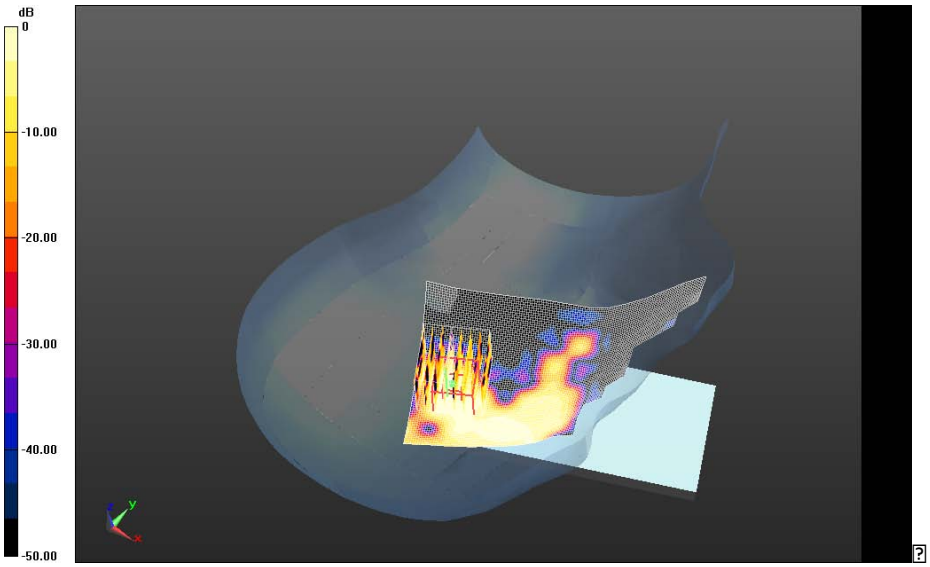
0 dB = 0.00862 W/kg = -20.64 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - Bluetooth/Tilt Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00689 W/kg

Right-Hand-Side HSL - Bluetooth/Tilt Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Zoom Scan (36x36x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 1.361 V/m; **Power Drift = -0.089 dB**

Averaged SAR: SAR(1g) = 0.00228 W/kg; SAR(10g) = 0.000887 W/kg
Maximum value of SAR (interpolated) = 0.00832 W/kg



0 dB = 0.00862 W/kg = -20.64 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 7/19/2013

Test Lab: RIM Testing Services
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFFE4E2

Configuration: Left-Hand-Side HSL - Bluetooth

Communication System: Bluetooth; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 2441 MHz
Medium Parameters used: f=2441 MHz; σ = 1.821 S/m; ε_r = 37.819; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

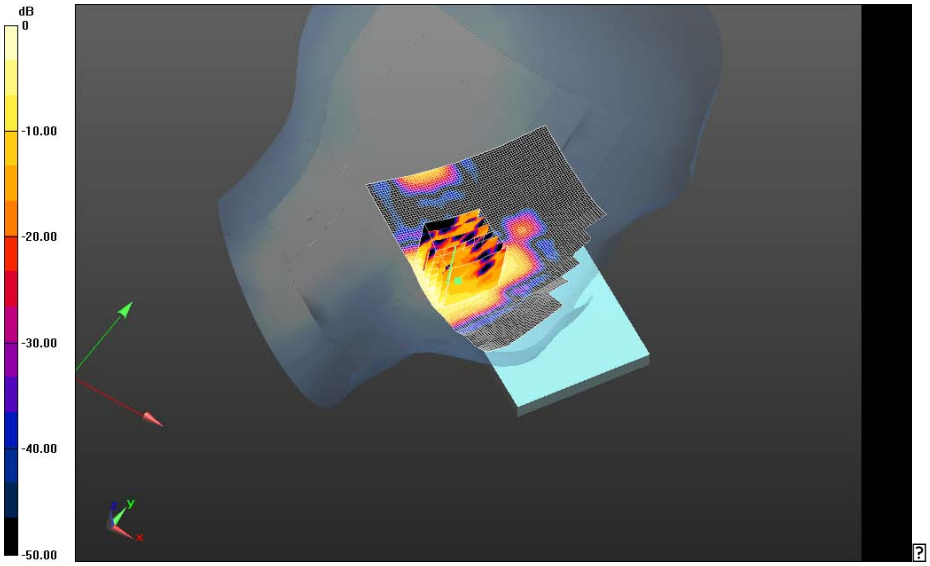
- Probe: ES3DV3 - SN3225; ConvF: (4.65,4.65,4.65); Calibrated: 1/10/2013;
- Sensor-Surface: 3 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0122 W/kg

Left-Hand-Side HSL - Bluetooth/Touch Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Zoom Scan (31x31x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 2.644 V/m; **Power Drift = 0.409 dB**

Averaged SAR: SAR(1g) = 0.00938 W/kg; SAR(10g) = 0.00377 W/kg
Maximum value of SAR (interpolated) = 0.0195 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



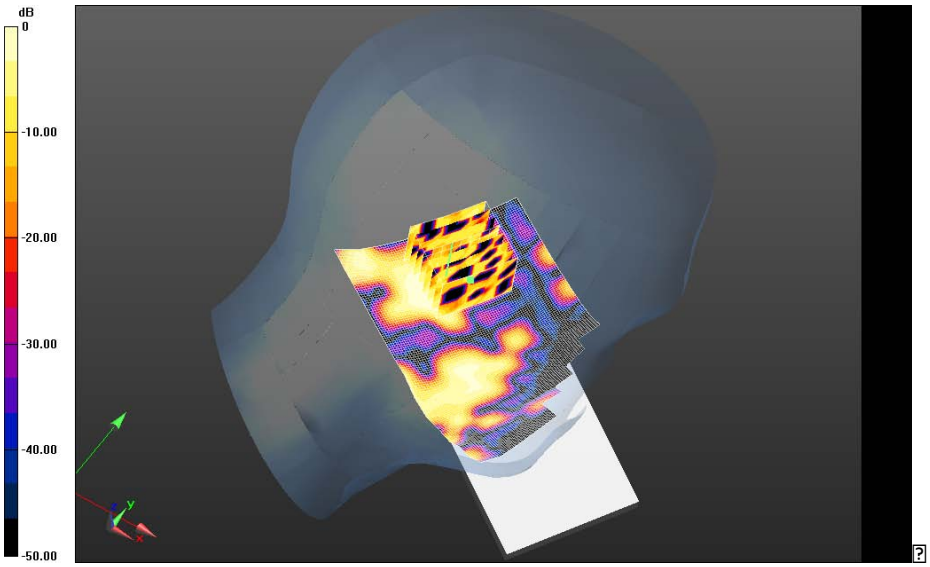
0 dB = 0.0127 W/kg = -18.96 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - Bluetooth/Tilt Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00484 W/kg

Left-Hand-Side HSL - Bluetooth/Tilt Position - Bluetooth_chan39_amb_temp_23.5C_liq_temp_22.4C/Zoom Scan (41x36x36)/Cube 0:
Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
Reference Value = 0.914 V/m; **Power Drift = -0.035 dB**

Averaged SAR: SAR(1g) = 0.00190 W/kg; SAR(10g) = 0.000880 W/kg
Maximum value of SAR (interpolated) = 0.00377 W/kg



0 dB = 0.0127 W/kg = -18.96 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

802.11a

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/11/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Right-Hand-Side HSL - 802.11a 5200 MHz

Communication System: 802.11a; Communication System Band: Low and Mid Bands; Frequency: 5180 MHz
Medium Parameters used: f=5180 MHz; σ = 4.653 S/m; ε_r = 34.761; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

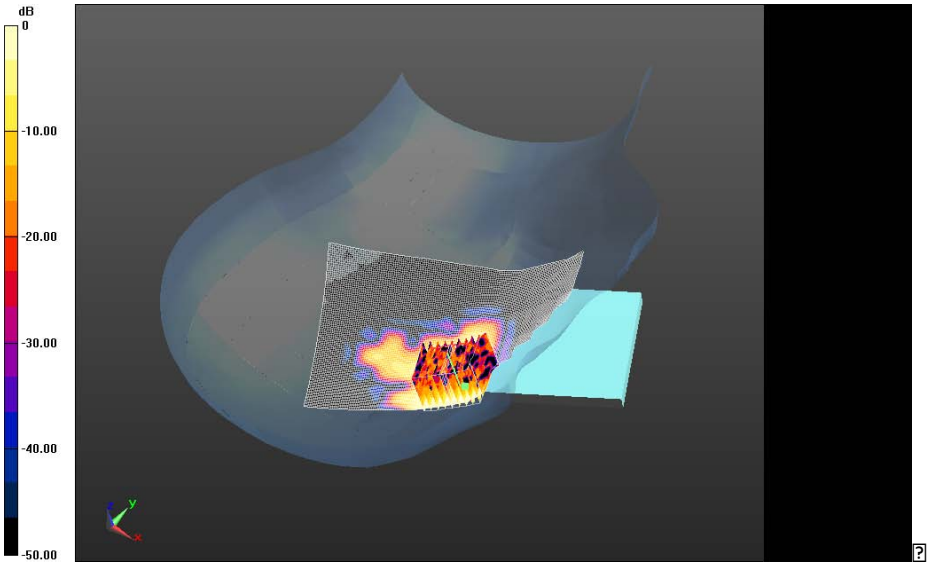
- Probe: EX3DV4 - SN3548; ConvF: (5.13,5.13,5.13); Calibrated: 1/15/2013;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan36_low_band_amb_temp_24.2C_liq_temp_22.8C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.203 W/kg

Right-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan36_low_band_amb_temp_24.2C_liq_temp_22.8C/Zoom Scan (41x46x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 6.408 V/m; **Power Drift = -0.162 dB**

Averaged SAR: SAR(1g) = 0.0895 W/kg; SAR(10g) = 0.0334 W/kg
Maximum value of SAR (interpolated) = 0.273 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



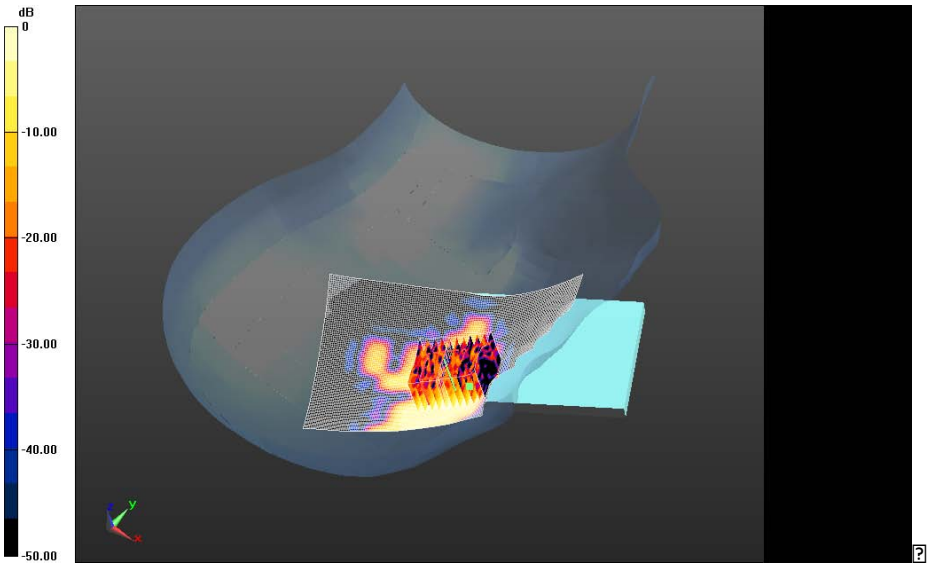
0 dB = 0.163 W/kg = -7.88 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan52_low_band_amb_temp_23.8C_liq_temp_22.9C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

Right-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan52_low_band_amb_temp_23.8C_liq_temp_22.9C/Zoom Scan (46x51x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 7.407 V/m; **Power Drift = -0.186 dB**

Averaged SAR: SAR(1g) = 0.115 W/kg; SAR(10g) = 0.0437 W/kg
Maximum value of SAR (interpolated) = 0.380 W/kg



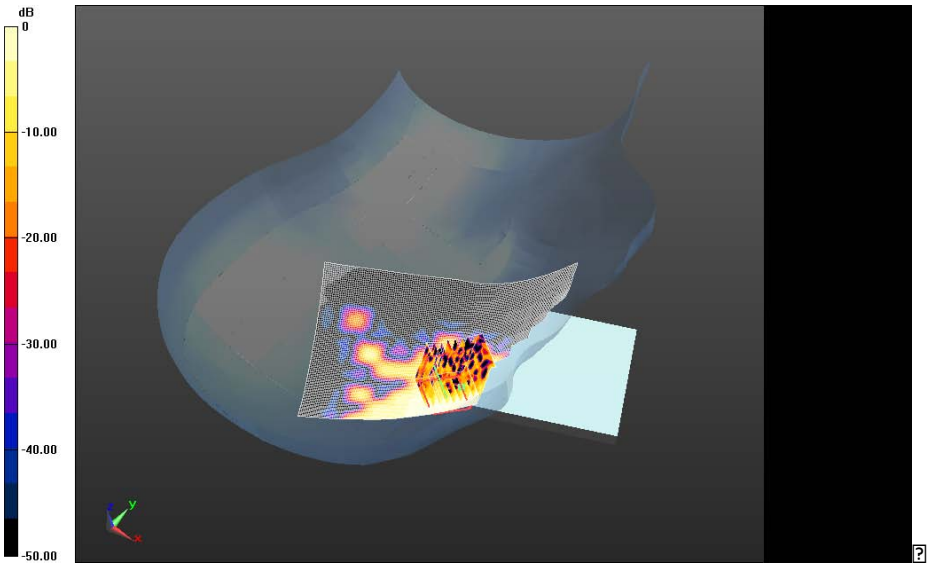
0 dB = 0.163 W/kg = -7.88 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Right-Hand-Side HSL - 802.11a 5200 MHz/Tilt Position - 802.11a_chan52_low_band_amb_temp_23.2C_liq_temp_21.8C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0646 W/kg

Right-Hand-Side HSL - 802.11a 5200 MHz/Tilt Position - 802.11a_chan52_low_band_amb_temp_23.2C_liq_temp_21.8C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 2.955 V/m; **Power Drift = 0.141 dB**

Averaged SAR: SAR(1g) = 0.0315 W/kg; SAR(10g) = 0.0124 W/kg
Maximum value of SAR (interpolated) = 0.111 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/10/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Right-Hand-Side HSL - 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 = 4.990 S/m; ε_r = 34.088; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

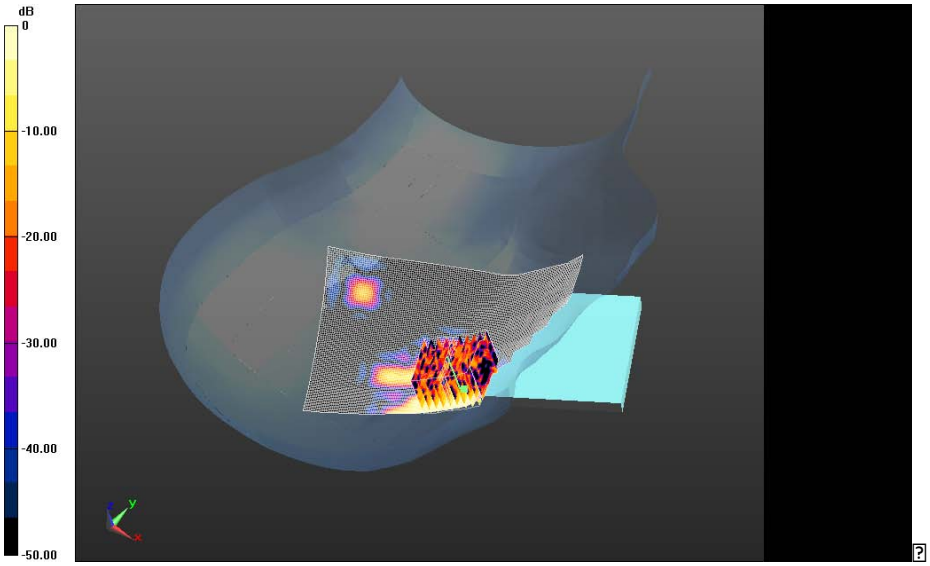
- Probe: EX3DV4 - SN3548; ConvF: (4.79,4.79,4.79); Calibrated: 1/15/2013;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - 802.11a 5500 MHz/Touch Position - 802.11a_chan104_Upper_bandI_amb_temp_23.4C_liq_temp_21.7C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.267 W/kg

Right-Hand-Side HSL - 802.11a 5500 MHz/Touch Position - 802.11a_chan104_Upper_bandI_amb_temp_23.4C_liq_temp_21.7C/Zoom Scan (46x46x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 6.773 V/m; **Power Drift = 0.083 dB**

Averaged SAR: SAR(1g) = 0.0906 W/kg; SAR(10g) = 0.0306 W/kg
Maximum value of SAR (interpolated) = 0.354 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



0 dB = 0.184 W/kg = -7.35 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/10/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Right-Hand-Side HSL - 802.11a 5800 MHz

Communication System: 802.11a; Communication System Band: Low and Mid Bands; Frequency: 5765 MHz
Medium Parameters used: f=5765 MHz; σ = 5.358 S/m; ε_r = 33.914; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

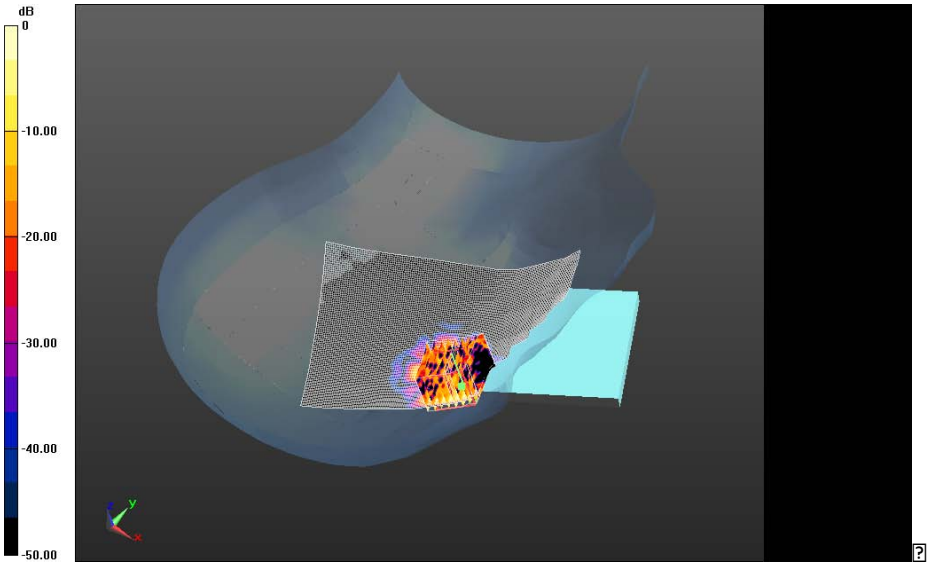
- Probe: EX3DV4 - SN3548; ConvF: (4.61,4.61,4.61); Calibrated: 1/15/2013;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Right-Hand-Side HSL - 802.11a 5800 MHz/Touch Position - 802.11a_chan153_Upper_bandII_amb_temp_23.5C_liq_temp_21.5C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.118 W/kg

Right-Hand-Side HSL - 802.11a 5800 MHz/Touch Position - 802.11a_chan153_Upper_bandII_amb_temp_23.5C_liq_temp_21.5C/Zoom Scan (41x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 4.787 V/m; **Power Drift = -0.018 dB**

Averaged SAR: SAR(1g) = 0.0451 W/kg; SAR(10g) = 0.0127 W/kg
Maximum value of SAR (interpolated) = 0.180 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



0 dB = 0.115 W/kg = -9.39 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/11/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Left-Hand-Side HSL - 802.11a 5200 MHz

Communication System: 802.11a; Communication System Band: Low and Mid Bands; Frequency: 5180 MHz
Medium Parameters used: f=5180 MHz; σ = 4.653 S/m; ε_r = 34.761; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

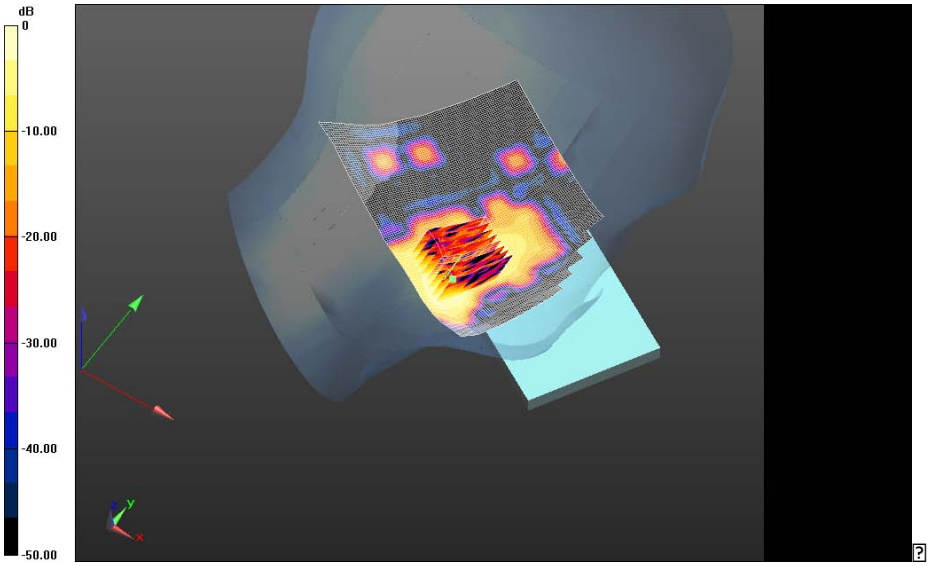
- Probe: EX3DV4 - SN3548; ConvF: (5.13,5.13,5.13); Calibrated: 1/15/2013;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan36_low_band_amb_temp_222.8C_liq_temp_22.1C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.348 W/kg

Left-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan36_low_band_amb_temp_222.8C_liq_temp_22.1C/Zoom Scan (41x36x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 8.828 V/m; **Power Drift = 0.063 dB**

Averaged SAR: SAR(1g) = 0.172 W/kg; SAR(10g) = 0.0591 W/kg
Maximum value of SAR (interpolated) = 0.600 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



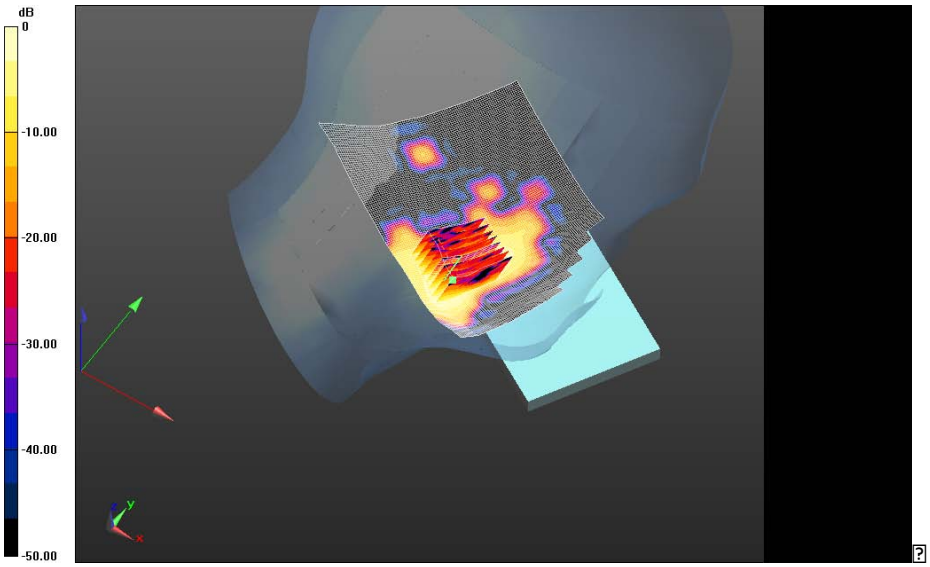
0 dB = 0.331 W/kg = -4.80 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan52_low_band_amb_temp_23.6C_liq_temp_22.2C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.551 W/kg

Left-Hand-Side HSL - 802.11a 5200 MHz/Touch Position - 802.11a_chan52_low_band_amb_temp_23.6C_liq_temp_22.2C/Zoom Scan (41x36x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 11.154 V/m; **Power Drift = 0.147 dB**

Averaged SAR: SAR(1g) = 0.274 W/kg; SAR(10g) = 0.0932 W/kg
Maximum value of SAR (interpolated) = 1.01 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/11/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Left-Hand-Side HSL - 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 = 4.990 S/m; ε_r = 34.088; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

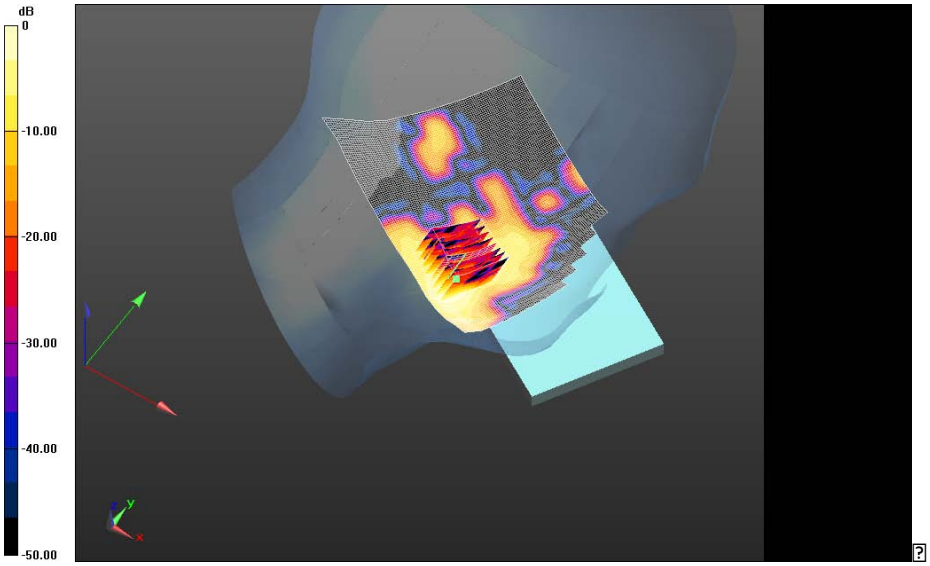
- Probe: EX3DV4 - SN3548; ConvF: (4.79,4.79,4.79); Calibrated: 1/15/2013;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - 802.11a 5500 MHz/Touch Position - 802.11a_chan104_Upper_bandl_amb_temp_22.9C_liq_temp_22.1C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.616 W/kg

Left-Hand-Side HSL - 802.11a 5500 MHz/Touch Position - 802.11a_chan104_Upper_bandl_amb_temp_22.9C_liq_temp_22.1C/Zoom Scan (36x36x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 11.432 V/m; **Power Drift = 0.139 dB**

Averaged SAR: SAR(1g) = 0.301 W/kg; SAR(10g) = 0.101 W/kg
Maximum value of SAR (interpolated) = 1.12 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



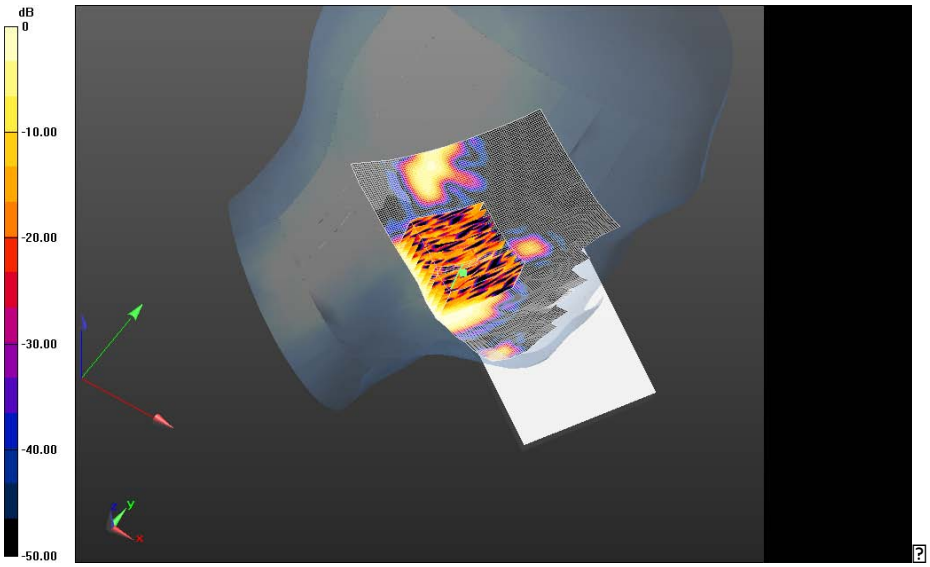
0 dB = 0.582 W/kg = -2.35 dBW/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Left-Hand-Side HSL - 802.11a 5500 MHz/Tilt Position - 802.11a_chan104_Upper_bandI_amb_temp_23.4C_liq_temp_22.5C/Area Scan (101x151x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0918 W/kg

Left-Hand-Side HSL - 802.11a 5500 MHz/Tilt Position - 802.11a_chan104_Upper_bandI_amb_temp_23.4C_liq_temp_22.5C/Zoom Scan (51x56x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 1.672 V/m; **Power Drift = 0.089 dB**

Averaged SAR: SAR(1g) = 0.0541 W/kg; SAR(10g) = 0.0198 W/kg
Maximum value of SAR (interpolated) = 0.322 W/kg



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Date: 10/11/2013

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 2FFF7DAD

Configuration: Left-Hand-Side HSL - 802.11a 5800 MHz

Communication System: 802.11a; Communication System Band: Low and Mid Bands; Frequency: 5765 MHz
Medium Parameters used: f=5765 MHz; σ = 5.358 S/m; ε_r = 33.914; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

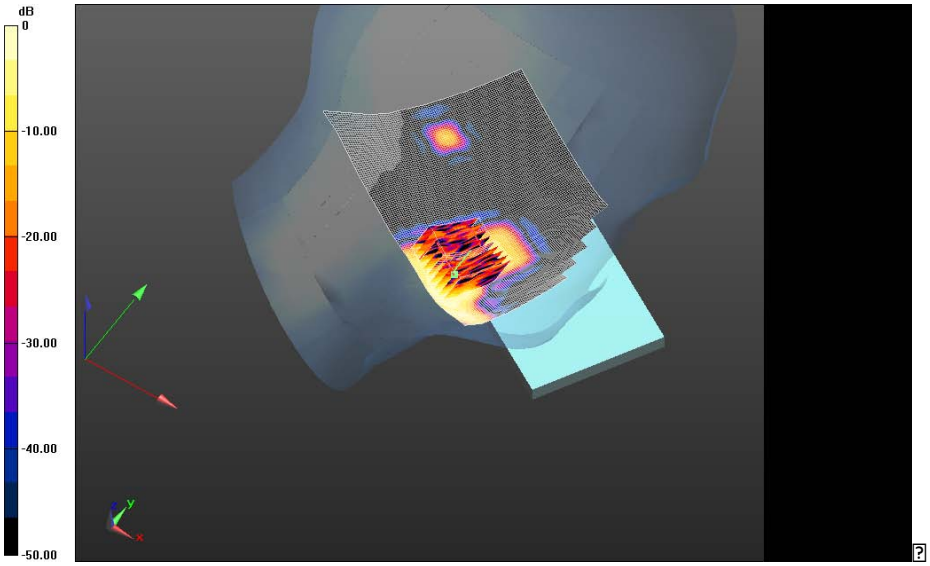
- Probe: EX3DV4 - SN3548; ConvF: (4.61,4.61,4.61); Calibrated: 1/15/2013;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/14/2013
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.6(1115); SEMCAD X Version 14.6.9 (7117)

Left-Hand-Side HSL - 802.11a 5800 MHz/Touch Position - 802.11a_chan153_Upper_bandII_amb_temp_22.9C_liq_temp_22.5C/Area Scan (101x141x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.290 W/kg

Left-Hand-Side HSL - 802.11a 5800 MHz/Touch Position - 802.11a_chan153_Upper_bandII_amb_temp_22.9C_liq_temp_22.5C/Zoom Scan (36x41x61)/Cube 0: Interpolated grid: dx=0.800 mm, dy=0.800 mm, dz=0.400 mm
Reference Value = 7.799 V/m; **Power Drift = -0.185 dB**

Averaged SAR: SAR(1g) = 0.140 W/kg; SAR(10g) = 0.0410 W/kg
Maximum value of SAR (interpolated) = 0.526 W/kg

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited



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

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited

Z axis plot for the worst case head configuration

This report shall NOT be reproduced except in full without the written consent of BlackBerry RTS
Copyright 2005-2013, BlackBerry RTS, a division of BlackBerry Limited