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	Author Data <b>Jean-Paul Hacquoil</b>	Dates of Test <b>July 30-August 19, 2009</b>	Test Report No <b>RTS-1765-0908-02</b>

**APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION**

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Date/Time: 17/08/2009 8:00:35 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_EDGE850\\_low\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.3C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**

**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.2

Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.863 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.718 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:


$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

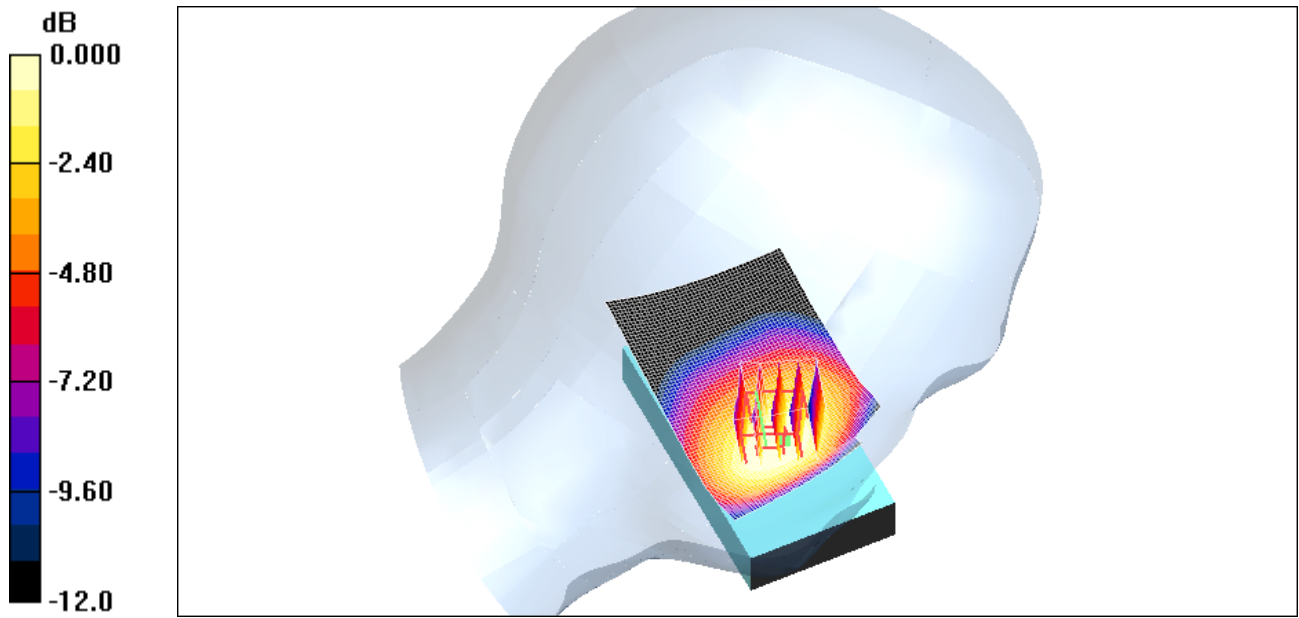
Reference Value = 6.62 V/m; Power Drift = 0.218 dB

Peak SAR (extrapolated) = 0.858 W/kg


**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.482 mW/g**

Maximum value of SAR (measured) = 0.697 mW/g

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0 dB = 0.697mW/g

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Date/Time: 17/08/2009 8:16:16 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_EDGE850\\_mid\\_chan\\_amb\\_temp\\_22.8\\_liq\\_temp\\_22.3C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.864 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 7.26 V/m; Power Drift = -0.019 dB

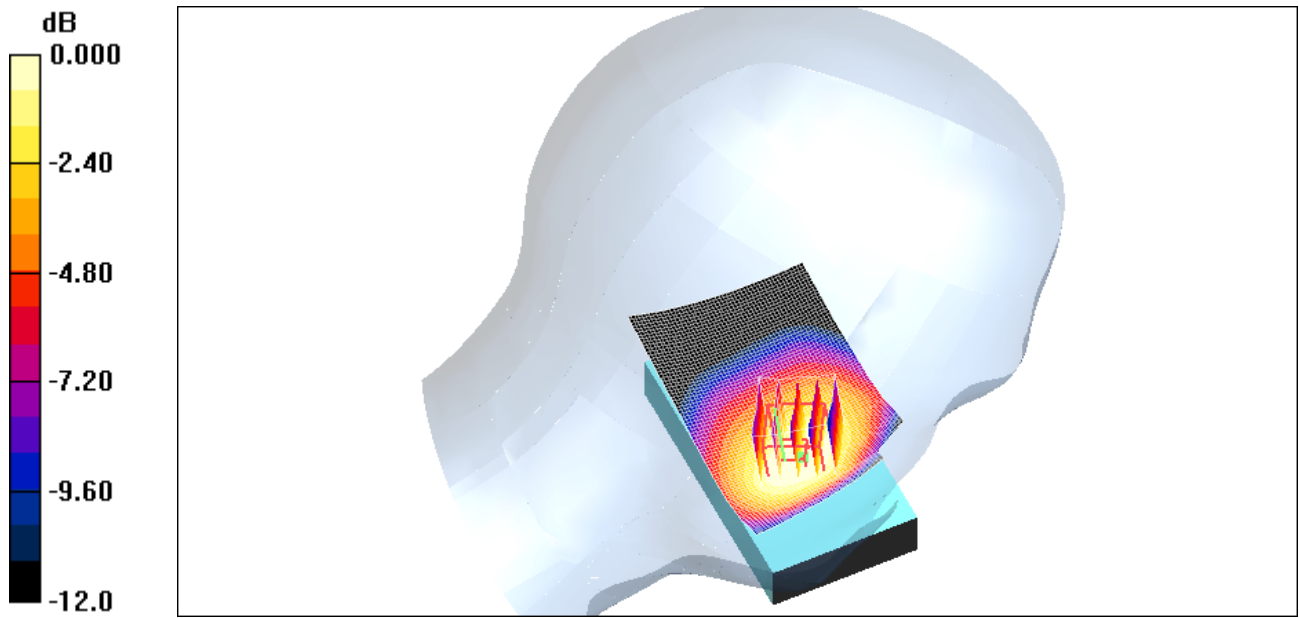
Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.578 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.830 mW/g

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0 dB = 0.830mW/g

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Date/Time: 17/08/2009 8:30:00 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_EDGE850\\_high\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.3C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 848.8 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.887 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.843 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$


Reference Value = 6.96 V/m; Power Drift = 0.215 dB

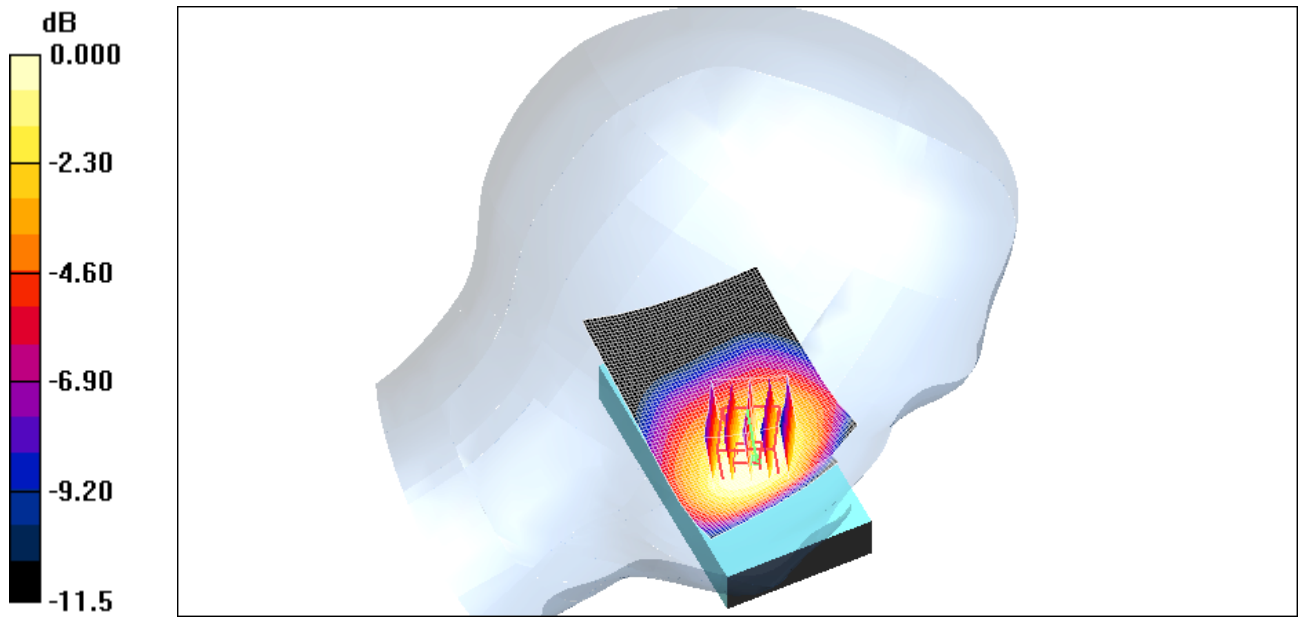
Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.563 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.810 mW/g

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0 dB = 0.810mW/g

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Date/Time: 17/08/2009 8:50:32 PM

Test Laboratory: RTS

File Name:

[LeftHandSide EDGE850 3 slots mid chan amb temp 23.2 liq temp 22.3C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 850 (3 slots); Frequency: 836.8 MHz; Duty Cycle: 1:2.8  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.766 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.87 V/m; Power Drift = 0.012 dB


Peak SAR (extrapolated) = 0.927 W/kg

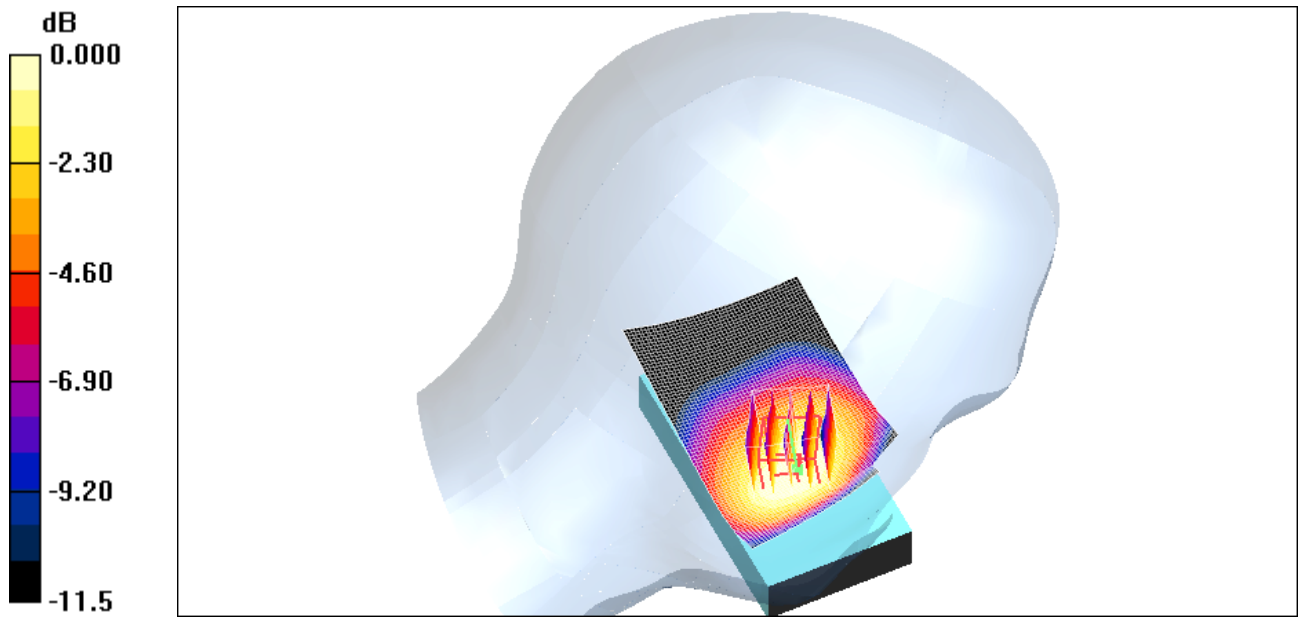
**SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.516 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)


Maximum value of SAR (measured) = 0.737 mW/g



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0 dB = 0.737mW/g

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Date/Time: 17/08/2009 9:03:59 PM

Test Laboratory: RTS

File Name:

[LeftHandSide EDGE850 4 slots mid chan amb temp 23.1 liq temp 22.3C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 850 (4 slots); Frequency: 836.8 MHz; Duty Cycle: 1:2.1  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.644 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 6.36 V/m; Power Drift = -0.175 dB

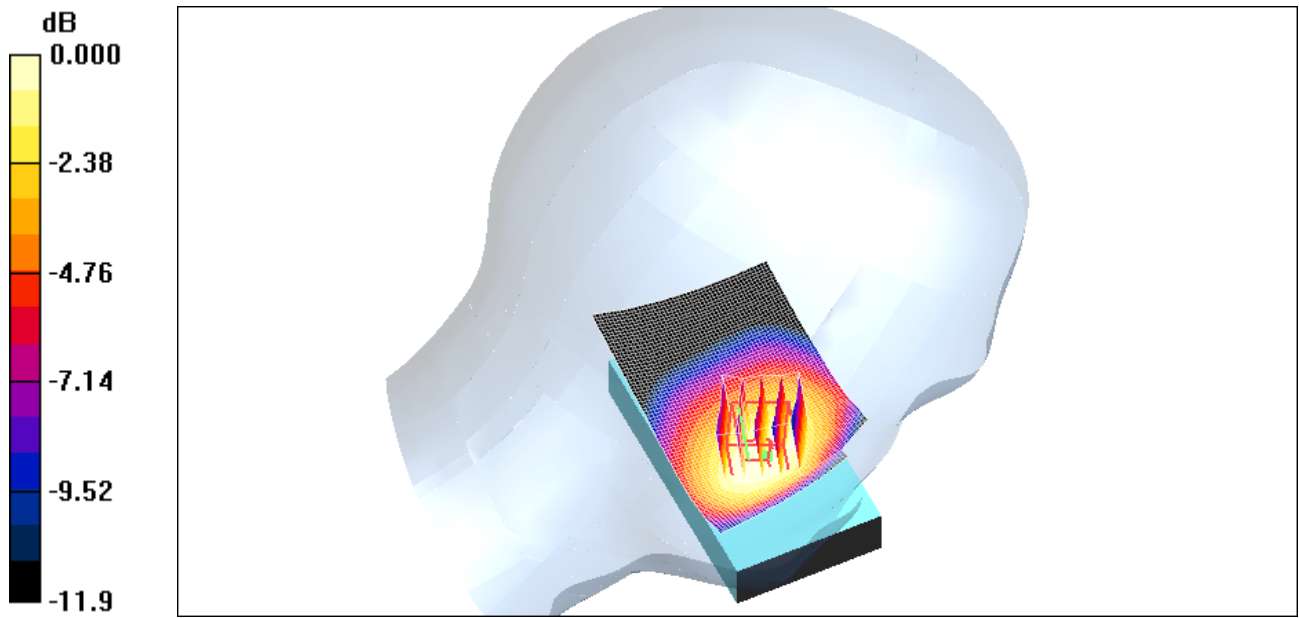
Peak SAR (extrapolated) = 0.777 W/kg

**SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.437 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.630 mW/g

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0 dB = 0.630mW/g

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Date/Time: 17/08/2009 9:22:33 PM

Test Laboratory: RTS

File Name:

[LeftHandSide Tilt EDGE850\\_mid\\_chan\\_amb\\_temp\\_22.9\\_liq\\_temp\\_22.2C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Tilt position -/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.455 mW/g

**Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 14.6 V/m; Power Drift = -0.015 dB

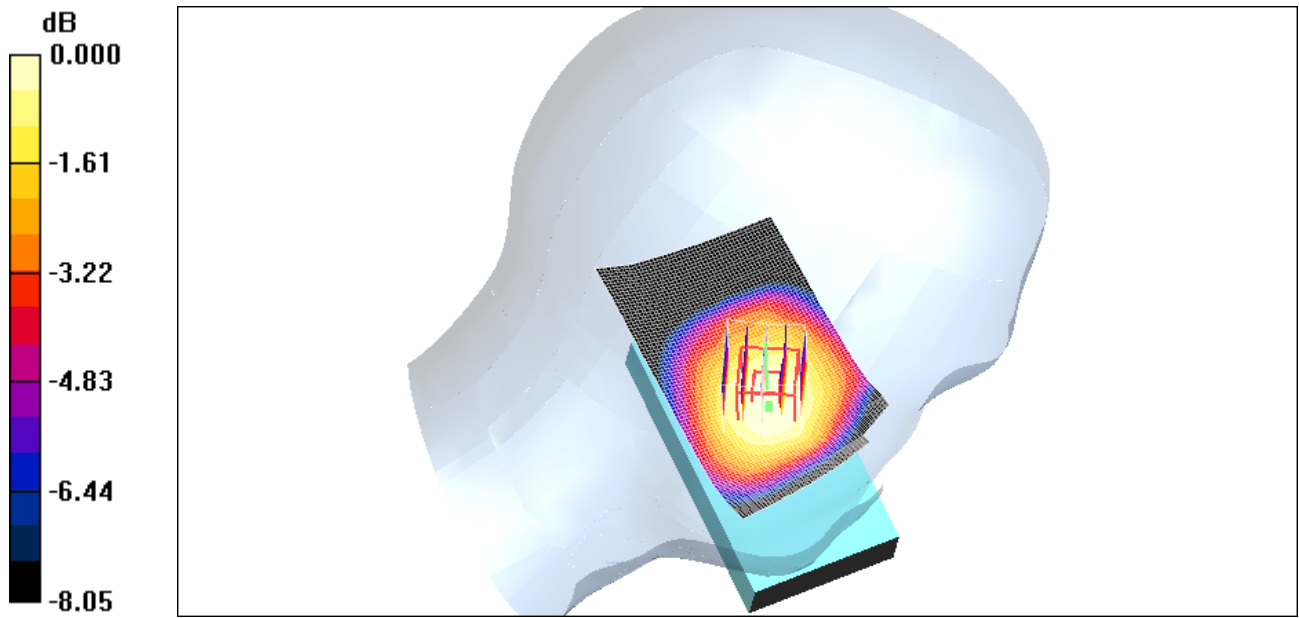
Peak SAR (extrapolated) = 0.521 W/kg

**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.332 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.456 mW/g

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0 dB = 0.456mW/g

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Date/Time: 17/08/2009 9:38:23 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_GSM850\\_mid\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.2C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: GSM 850; Frequency: 836.8 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.8 \text{ MHz}$ ;  $\sigma = 0.876 \text{ mho/m}$ ;  $\epsilon_r = 41.7$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.789 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$


Reference Value = 6.41 V/m; Power Drift = 0.172 dB

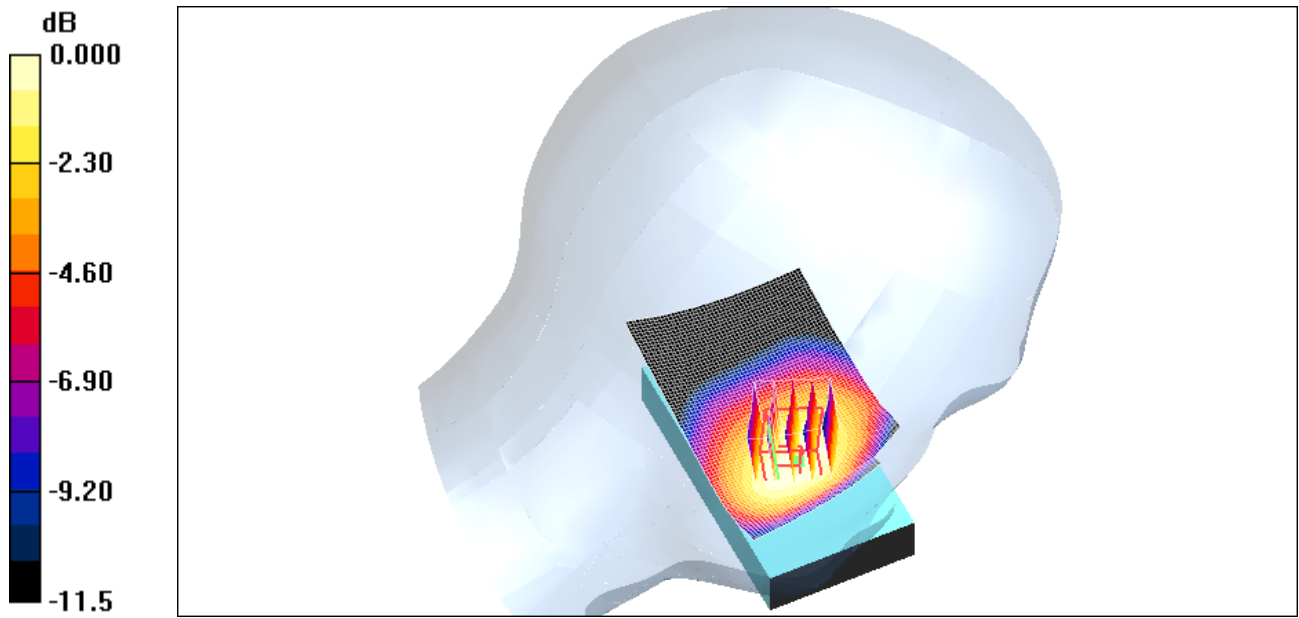
Peak SAR (extrapolated) = 0.983 W/kg

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.531 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.769 mW/g

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0 dB = 0.769mW/g

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Date/Time: 17/08/2009 6:22:27 PM

Test Laboratory: RTS

File Name: [RightHandSide\\_EDGE850\\_low\\_chan\\_amb\\_temp\\_23.3\\_liq\\_temp\\_22.2C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 824.2 MHz; Duty Cycle: 1:4.2  
Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.863 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section


DASY4 Configuration:

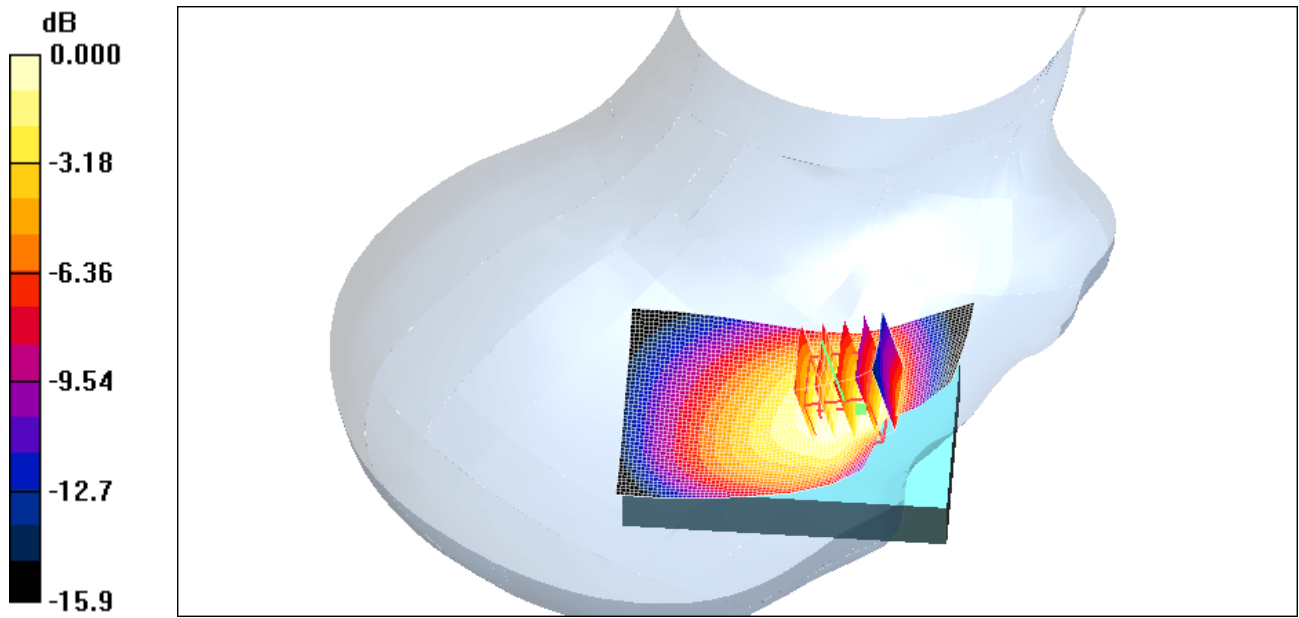
- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) = 0.964 mW/g


**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
 $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 9.49 V/m; Power Drift = 0.046 dB  
Peak SAR (extrapolated) = 1.05 W/kg  
**SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.578 mW/g**  
Maximum value of SAR (measured) = 0.857 mW/g



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0 dB = 0.857mW/g

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Date/Time: 17/08/2009 5:53:46 PM

Test Laboratory: RTS

File Name: [RightHandSide\\_EDGE850\\_mid\\_chan\\_amb\\_temp\\_23.2\\_liq\\_temp\\_22.1C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 836.8 \text{ MHz}$ ;  $\sigma = 0.876 \text{ mho/m}$ ;  $\epsilon_r = 41.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.17 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$


Reference Value = 9.66 V/m; Power Drift = -0.172 dB

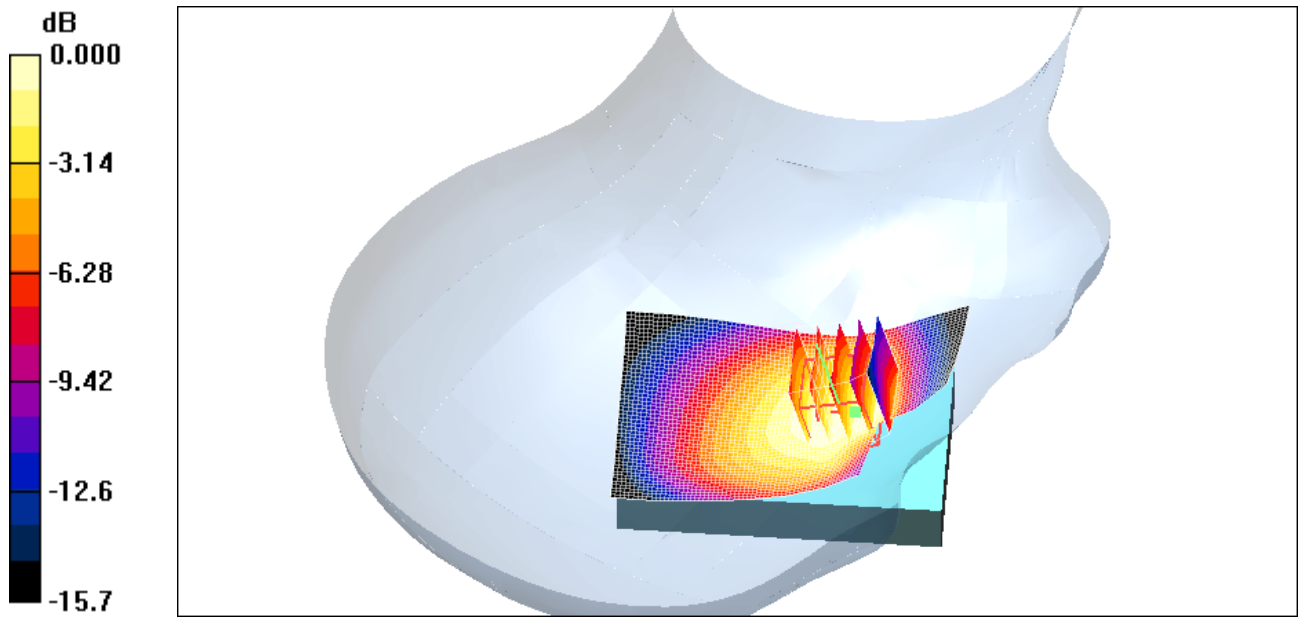
Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.695 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.02 mW/g

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0 dB = 1.02mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 17/08/2009 6:35:22 PM

Test Laboratory: RTS

File Name: [RightHandSide\\_EDGE850\\_high\\_chan\\_amb\\_temp\\_23.4\\_liq\\_temp\\_22.3C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 848.8 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.887$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.08 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.58 V/m; Power Drift = 0.116 dB

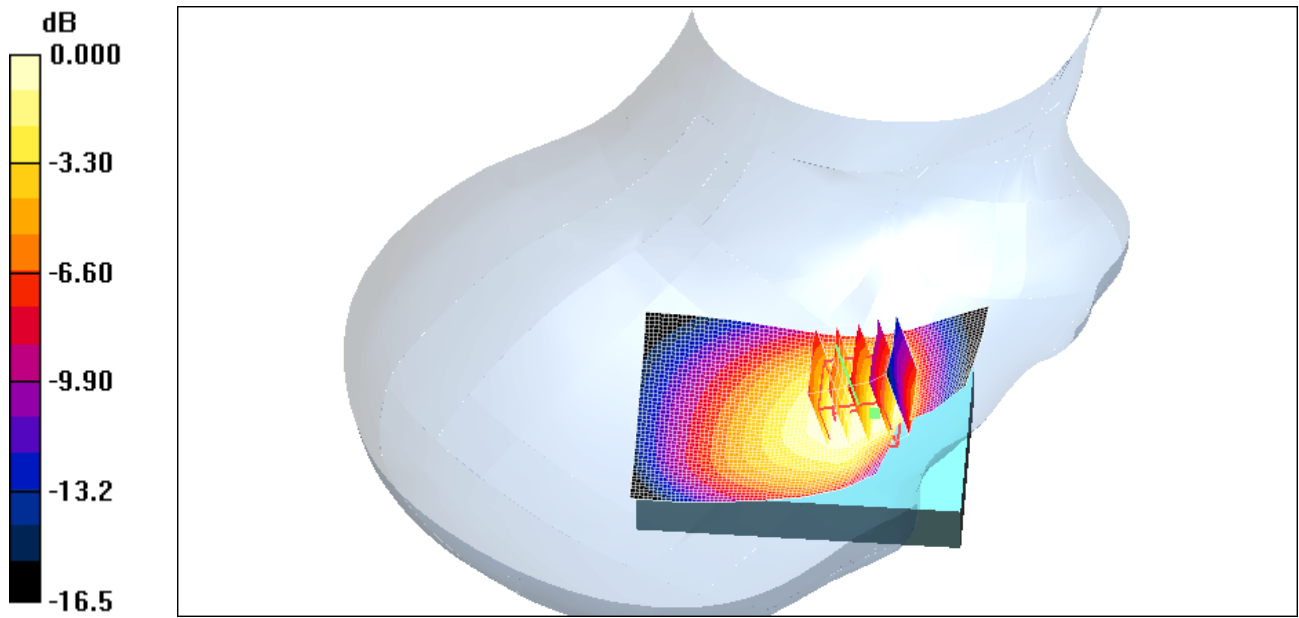
Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.646 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.977 mW/g

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0 dB = 0.977mW/g

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Date/Time: 17/08/2009 6:49:19 PM

Test Laboratory: RTS

File Name:

[RightHandSide\\_EDGE850\\_3\\_slots\\_mid\\_chan\\_amb\\_temp\\_22.8\\_liq\\_temp\\_22.1C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: EDGE 850 (3 slots); Frequency: 836.8 MHz; Duty Cycle: 1:2.8  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.04 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.62 V/m; Power Drift = -0.156 dB

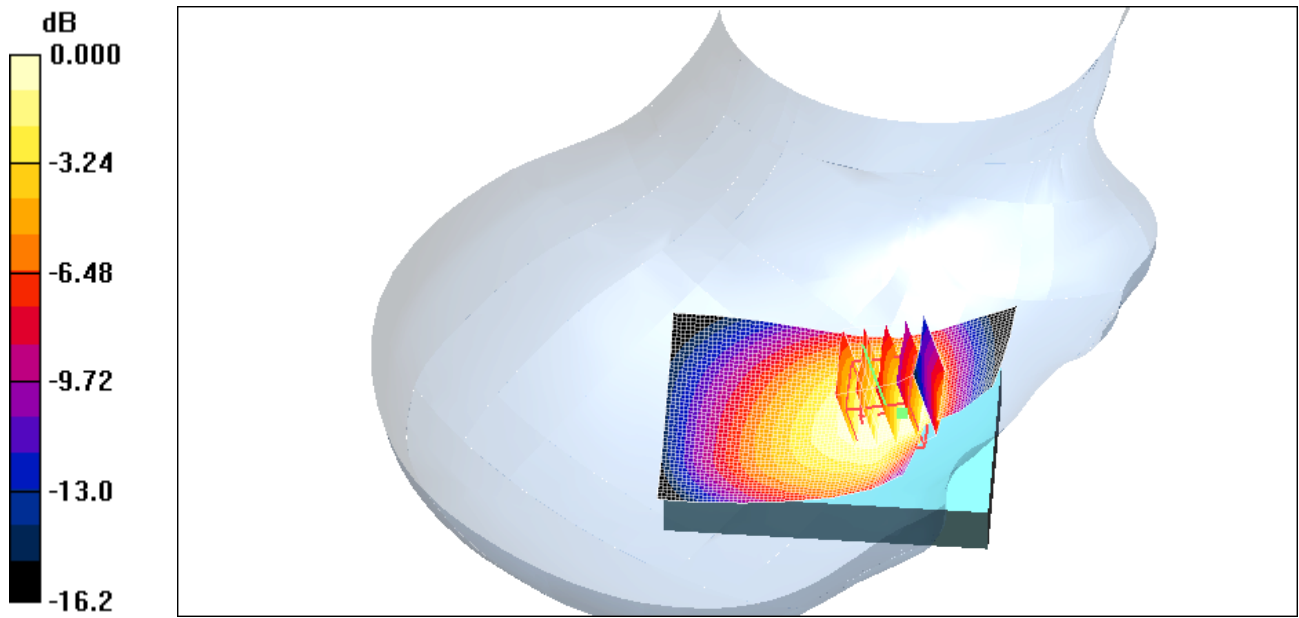
Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.613 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.917 mW/g

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0 dB = 0.917mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 17/08/2009 7:03:09 PM

Test Laboratory: RTS

File Name:

[RightHandSide\\_EDGE850\\_4\\_slots\\_mid\\_chan\\_amb\\_temp\\_22.6\\_liq\\_temp\\_22.0C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**

**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: EDGE 850 (4 slots); Frequency: 836.8 MHz; Duty Cycle: 1:2.1  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.865 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.75 V/m; Power Drift = -0.039 dB


Peak SAR (extrapolated) = 0.934 W/kg

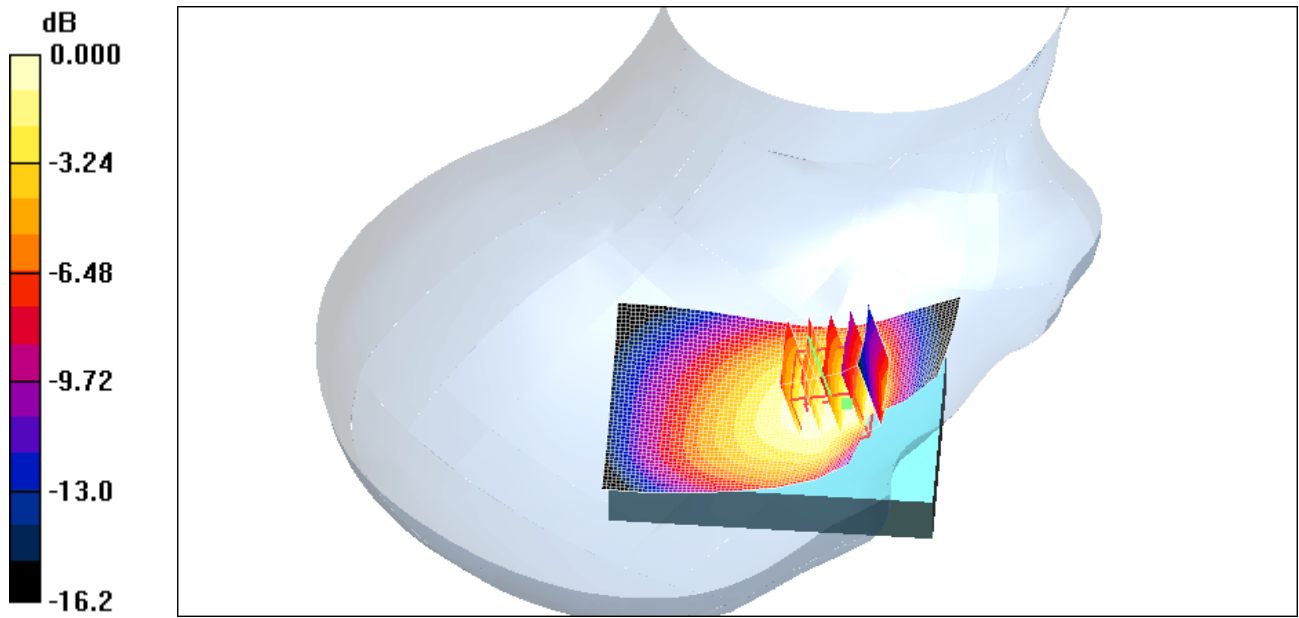
**SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.518 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)


Maximum value of SAR (measured) = 0.775 mW/g



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0 dB = 0.775mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 17/08/2009 7:19:58 PM

Test Laboratory: RTS

File Name:

[RightHandSide Tilt EDGE850 mid chan amb temp 23.0 liq temp 22.1C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.455 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 12.2 V/m; Power Drift = 0.123 dB

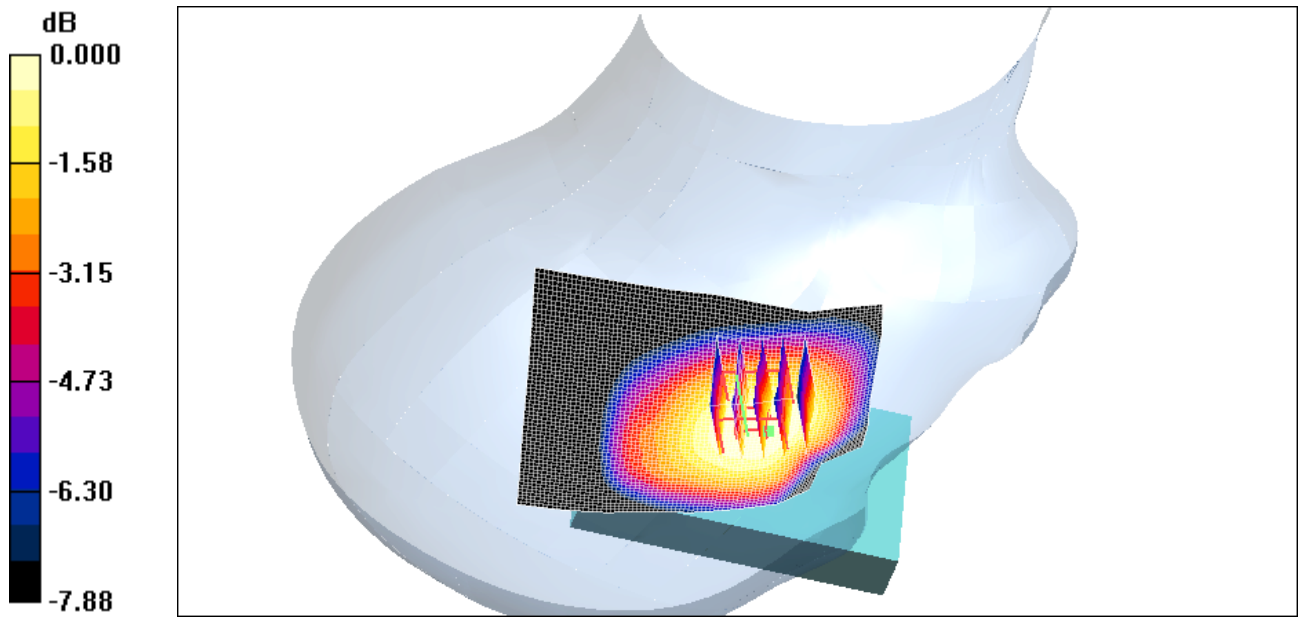
Peak SAR (extrapolated) = 0.494 W/kg

**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.334 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.451 mW/g

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0 dB = 0.451mW/g

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Date/Time: 17/08/2009 7:41:35 PM

Test Laboratory: RTS

File Name: [RightHandSide\\_GSM850\\_mid\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.3C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: GSM 850; Frequency: 836.8 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.8$  MHz;  $\sigma = 0.876$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.06, 6.06, 6.06); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.955 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 7.53 V/m; Power Drift = -0.090 dB

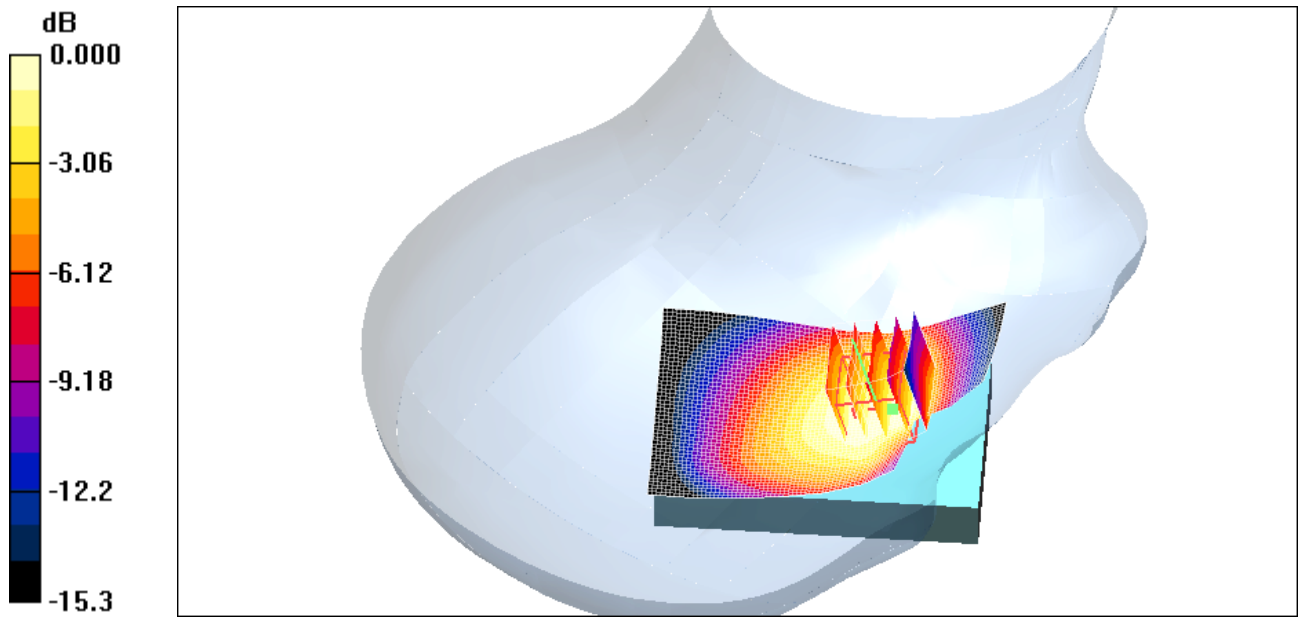
Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.609 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.880 mW/g

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0 dB = 0.880mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 13/08/2009 10:56:20 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_EDGE1900\\_low\\_chan\\_amb\\_temp\\_23.0\\_liq\\_temp\\_21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.874 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 8.31 V/m; Power Drift = 0.204 dB

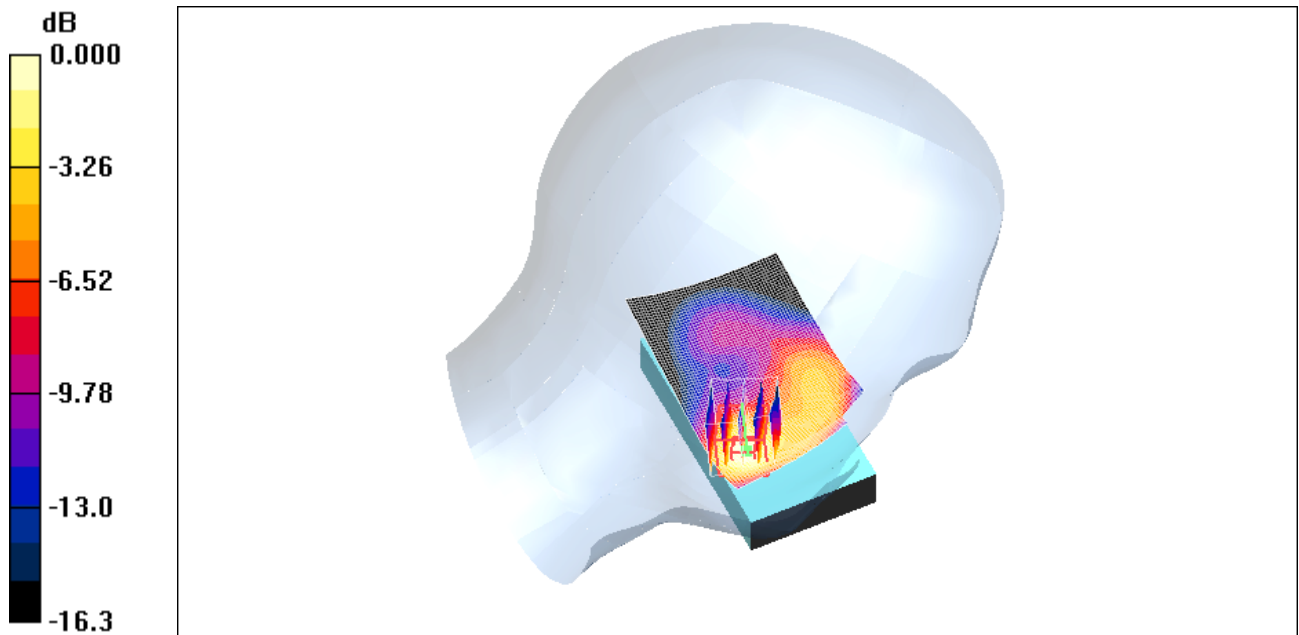
Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.403 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.844 mW/g

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0 dB = 0.844mW/g

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Date/Time: 13/08/2009 11:17:59 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_EDGE1900\\_mid\\_chan\\_amb\\_temp\\_22.7\\_liq\\_temp\\_21.7C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**

**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section


DASY4 Configuration:

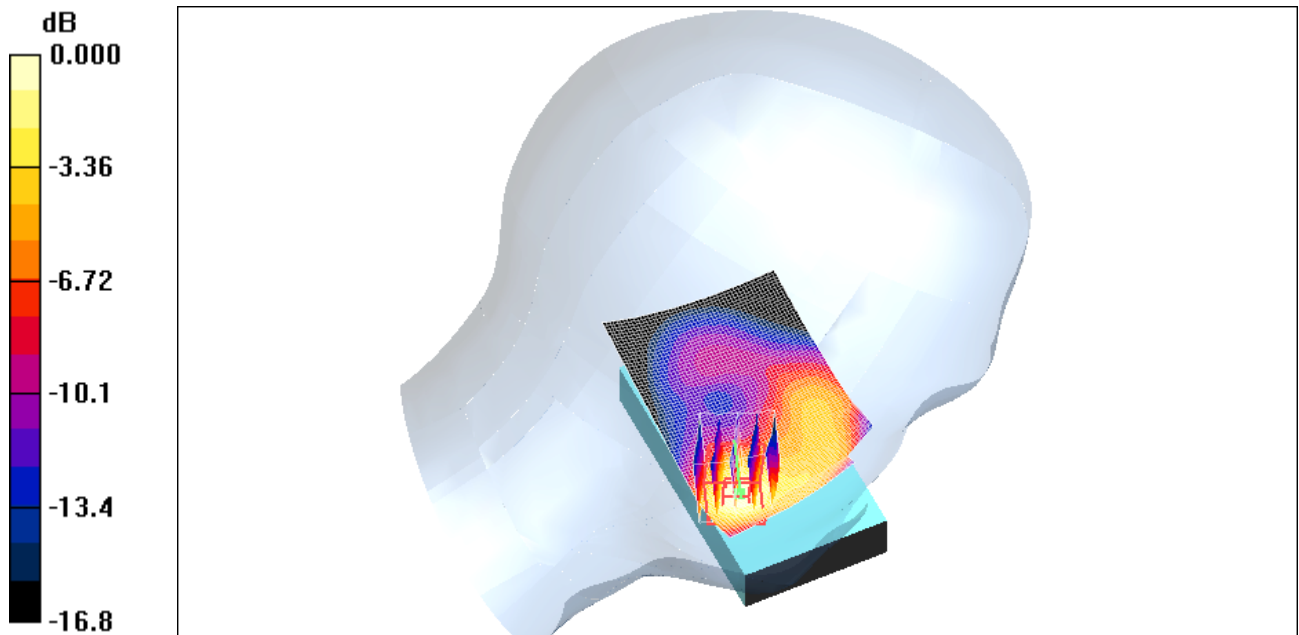
- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.626 mW/g


**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 15.3 V/m; Power Drift = 0.050 dB  
Peak SAR (extrapolated) = 0.911 W/kg  
**SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.285 mW/g**  
Maximum value of SAR (measured) = 0.605 mW/g



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0 dB = 0.605mW/g

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Date/Time: 13/08/2009 11:35:16 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_EDGE1900\\_high\\_chan\\_amb\\_temp\\_22.9\\_liq\\_temp\\_21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**

**Program Name: Compliance Testing: (Left-Hand Side)**


Communication System: EDGE 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.2  
Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

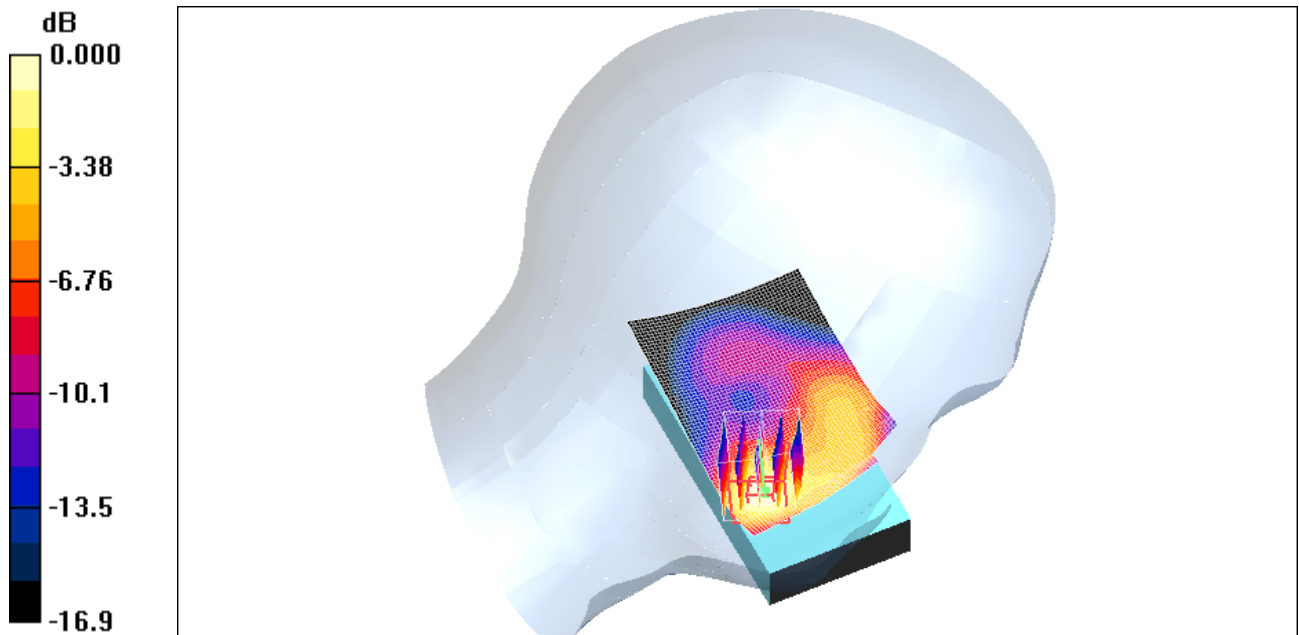
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186


**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.654 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 13.8 V/m; Power Drift = 0.896 dB  
Peak SAR (extrapolated) = 0.945 W/kg  
**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.296 mW/g**  
Maximum value of SAR (measured) = 0.629 mW/g

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0 dB = 0.629mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 14/08/2009 12:53:20 AM

Test Laboratory: RTS

File Name:

[LeftHandSide\\_EDGE1900\\_3\\_Slots\\_low\\_chan\\_amb\\_temp\\_22.9\\_liq\\_temp\\_21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 1900(3 slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.880 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 21.2 V/m; Power Drift = -0.143 dB

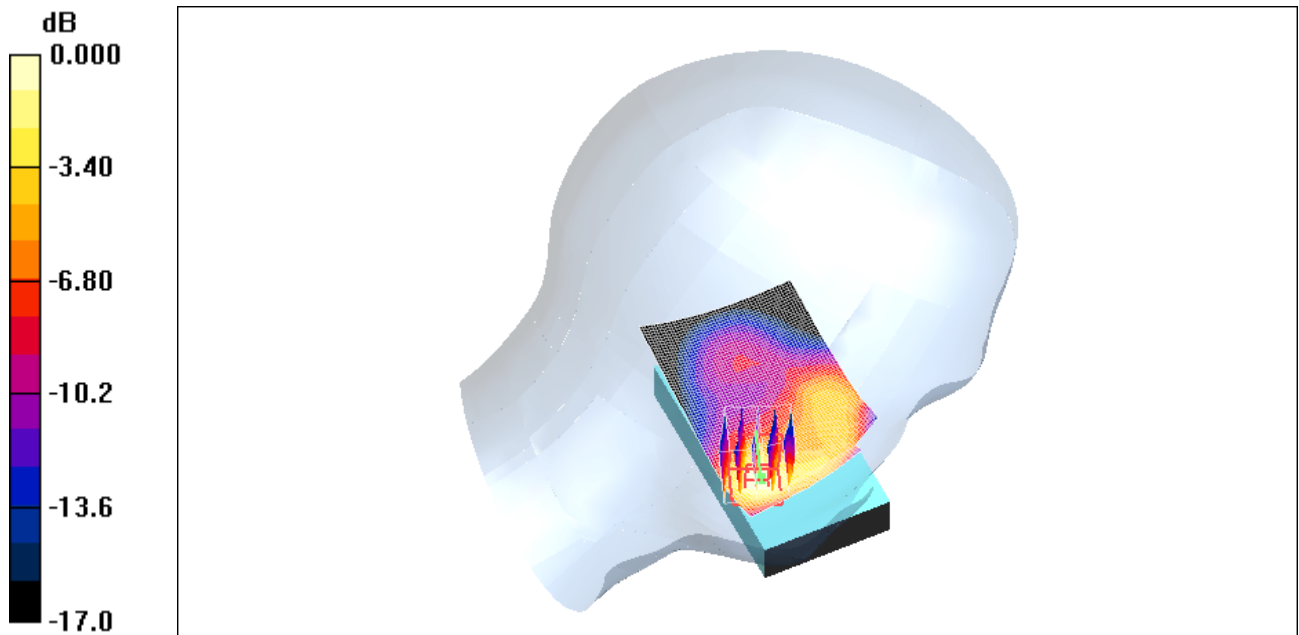
Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.396 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.849 mW/g

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0 dB = 0.849mW/g

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Date/Time: 14/08/2009 1:16:57 AM

Test Laboratory: RTS

File Name:

[LeftHandSide\\_EDGE1900\\_4\\_Slots\\_low\\_chan\\_amb\\_temp\\_22.9\\_liq\\_temp\\_21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 1900(4 slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.1

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.751 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 19.5 V/m; Power Drift = -0.098 dB

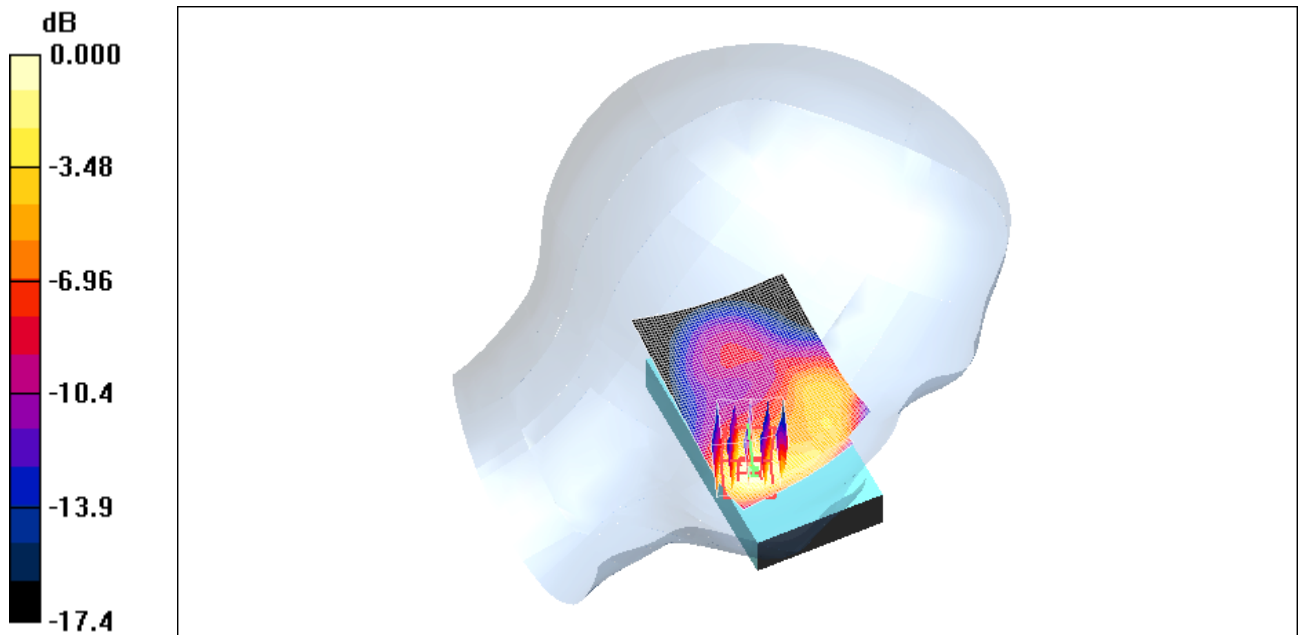
Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.339 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.727 mW/g

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0 dB = 0.727mW/g

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Date/Time: 13/08/2009 11:54:16 PM

Test Laboratory: RTS

File Name:

[LeftHandSide Tilt EDGE1900 low chan amb temp 22.9 liq temp 21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: EDGE 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.2  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.147 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.17 V/m; Power Drift = -0.276 dB


Peak SAR (extrapolated) = 0.203 W/kg

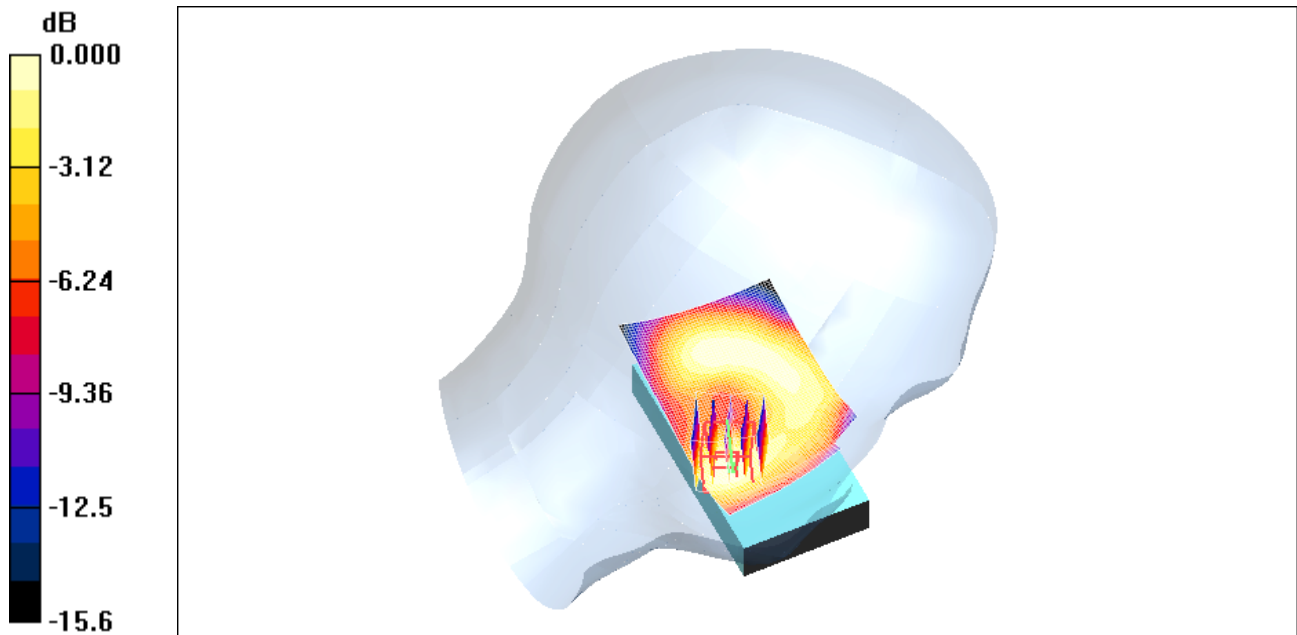
**SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.082 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)


Maximum value of SAR (measured) = 0.149 mW/g



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0 dB = 0.149mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 14/08/2009 1:34:37 AM

Test Laboratory: RTS

File Name: [LeftHandSide\\_GSM1900\\_low\\_chan\\_amb\\_temp\\_22.9\\_liq\\_temp\\_21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.602 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 15.0 V/m; Power Drift = 0.078 dB

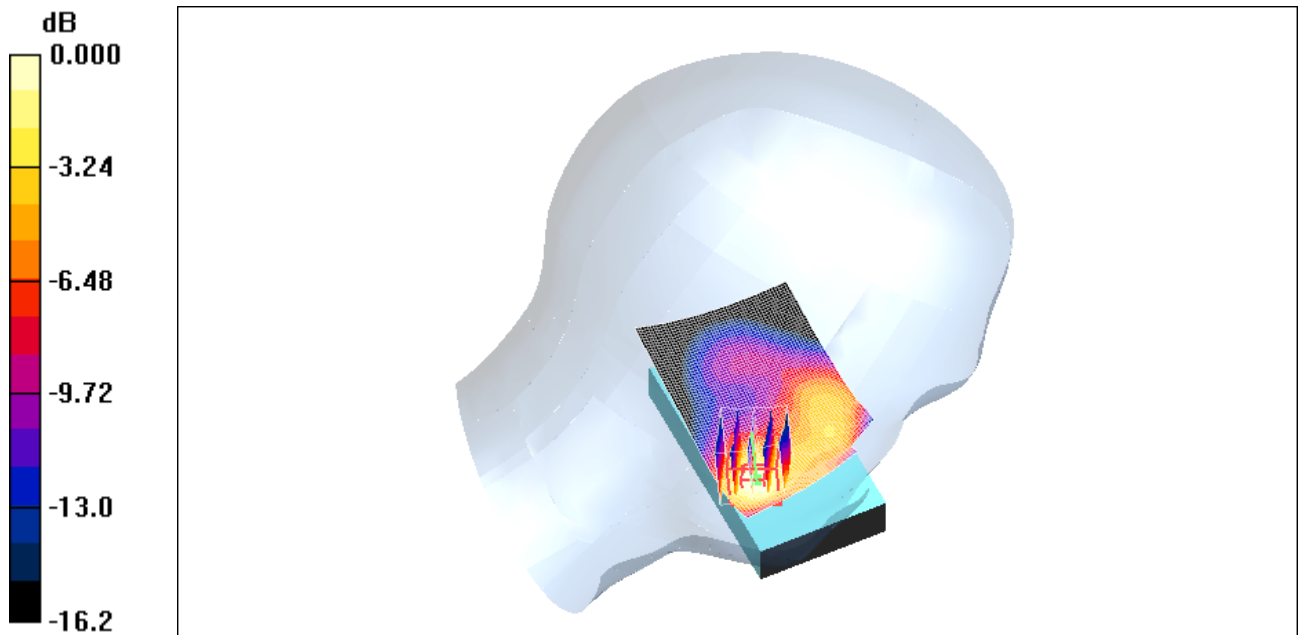
Peak SAR (extrapolated) = 0.861 W/kg

**SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.285 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.597 mW/g

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0 dB = 0.597mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 14/08/2009 1:52:14 AM

Test Laboratory: RTS

File Name:

[RightHandSide\\_EDGE1900\\_mid\\_chan\\_amb\\_temp\\_22.9\\_liq\\_temp\\_21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**


Communication System: EDGE 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.2  
Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.1$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

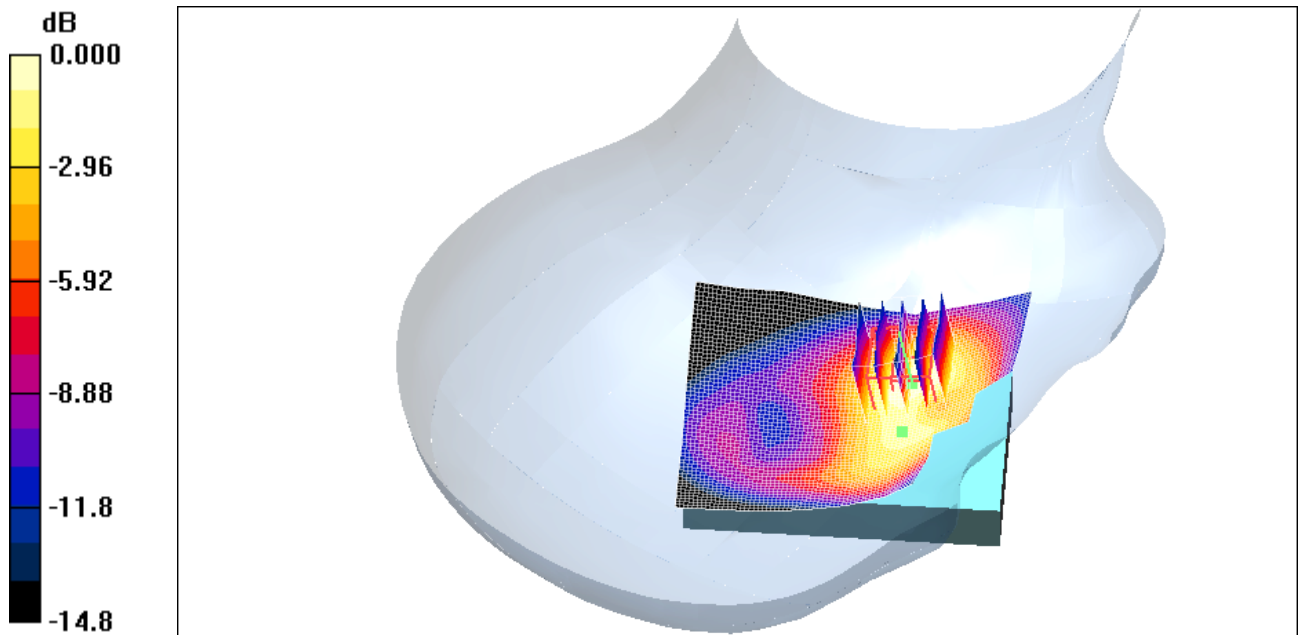
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186


**Touch position -/Area Scan (61x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) = 0.734 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
 $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 8.02 V/m; Power Drift = 0.224 dB  
Peak SAR (extrapolated) = 1.02 W/kg  
**SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.391 mW/g**  
Maximum value of SAR (measured) = 0.723 mW/g

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0 dB = 0.723mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 16/08/2009 9:38:43 PM

Test Laboratory: RTS

File Name:

[RightHandSide\\_EDGE1900\\_3\\_slots\\_mid\\_chan\\_amb\\_temp\\_23.4\\_liq\\_temp\\_22.1C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**


Communication System: EDGE 1900(3 slots); Frequency: 1880 MHz; Duty Cycle: 1:2.8  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

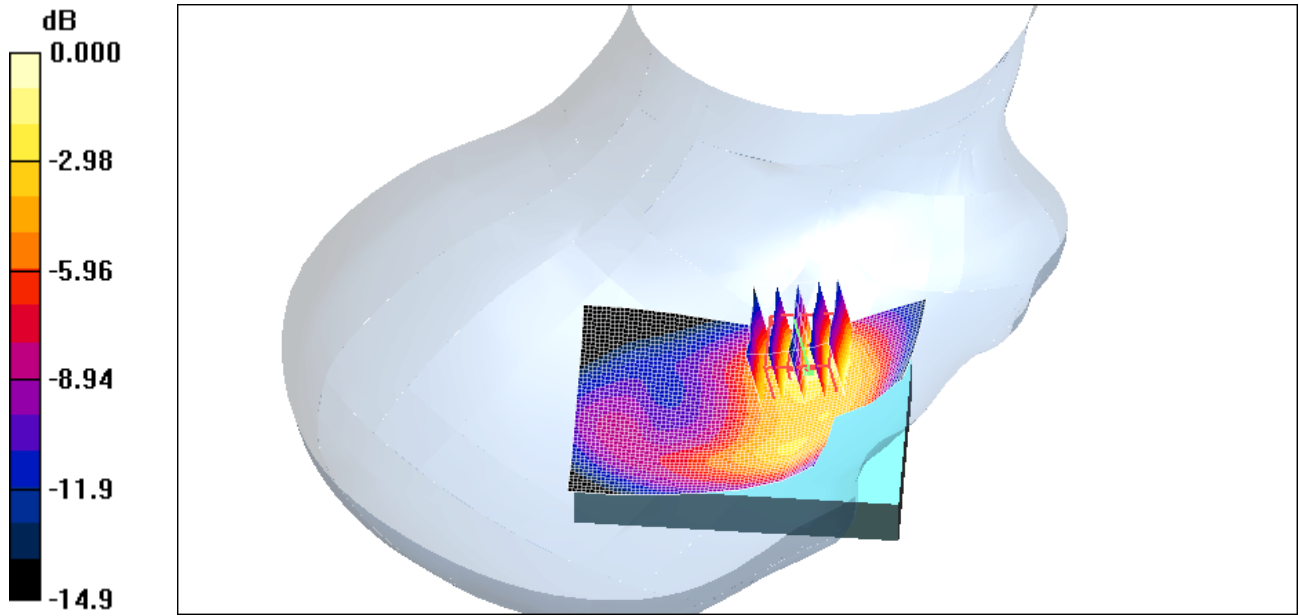
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186


**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.523 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 8.25 V/m; Power Drift = 1.88 dB  
Peak SAR (extrapolated) = 0.988 W/kg  
**SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.372 mW/g**  
Maximum value of SAR (measured) = 0.693 mW/g

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0 dB = 0.693mW/g

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Date/Time: 16/08/2009 10:03:10 PM

Test Laboratory: RTS

File Name:

[RightHandSide\\_EDGE1900\\_4\\_slots\\_mid\\_chan\\_amb\\_temp\\_23.4\\_liq\\_temp\\_22.1C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: EDGE 1900(4 slots); Frequency: 1880 MHz; Duty Cycle: 1:2.1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section


DASY4 Configuration:

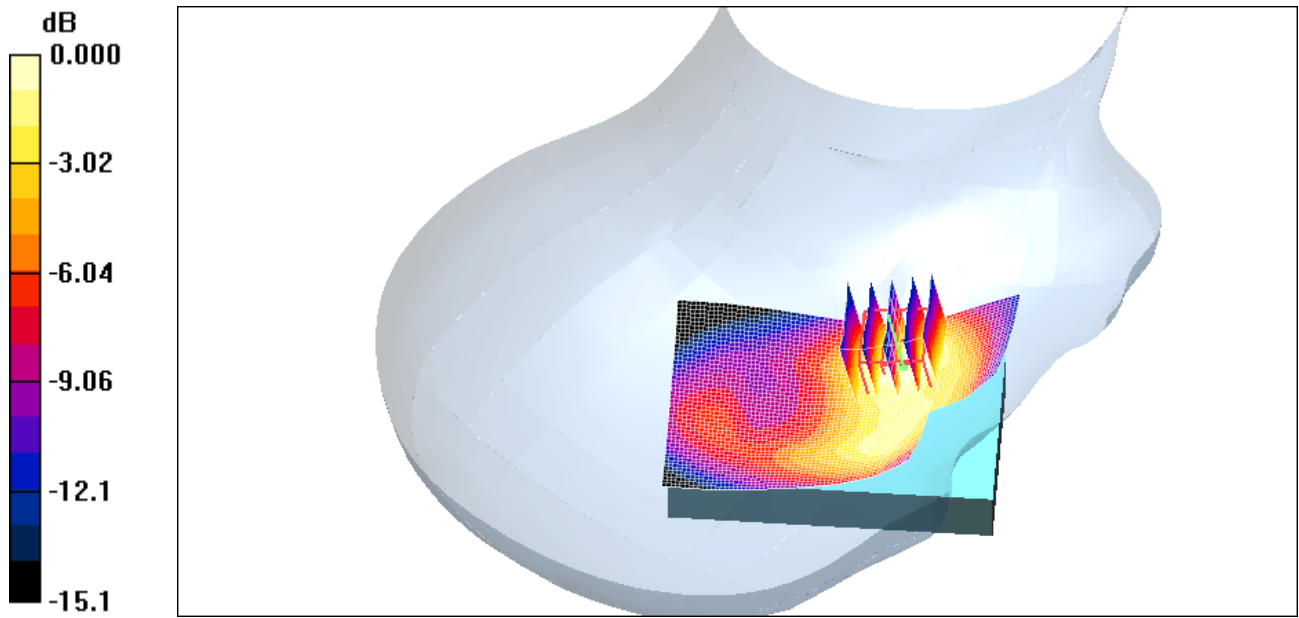
- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.661 mW/g


**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 9.49 V/m; Power Drift = -0.012 dB  
Peak SAR (extrapolated) = 0.833 W/kg  
**SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.318 mW/g**  
Maximum value of SAR (measured) = 0.598 mW/g



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0 dB = 0.598mW/g

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Date/Time: 14/08/2009 2:09:42 AM

Test Laboratory: RTS

File Name:

[RightHandSide Tilt EDGE1900 mid chan amb temp 22.9 liq temp 21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**


Communication System: EDGE 1900; Frequency: 1880 MHz; Duty Cycle: 1:4.2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

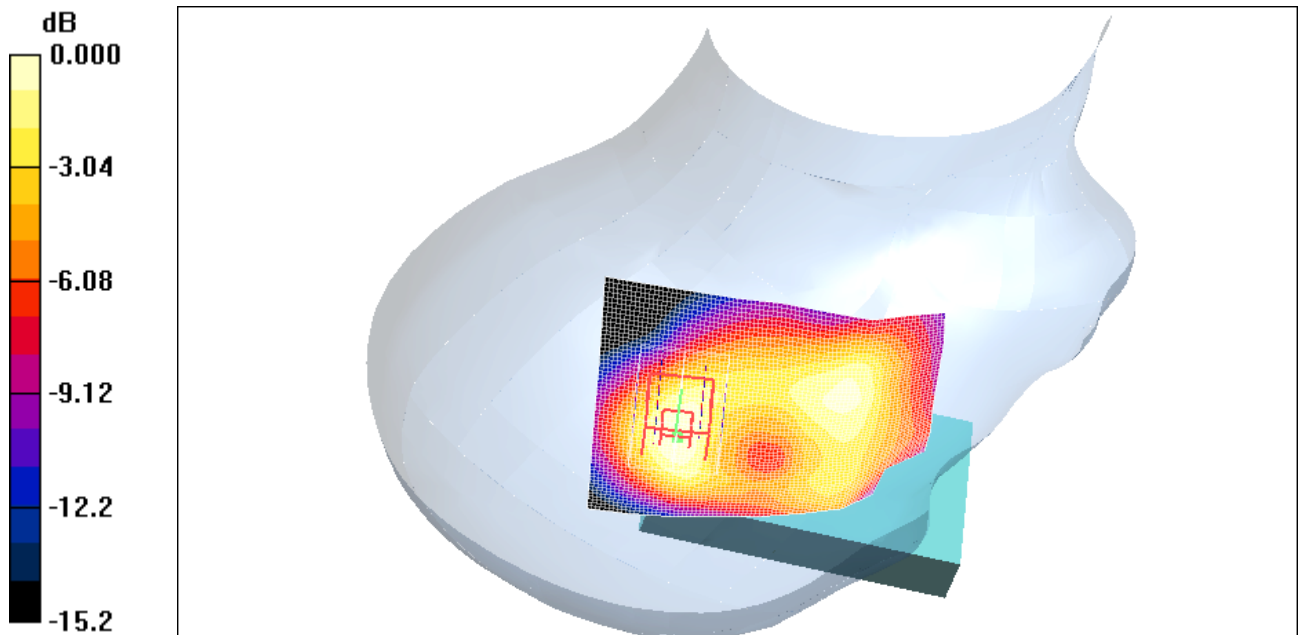
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186


**Touch position -/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.137 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 9.74 V/m; Power Drift = 0.101 dB  
Peak SAR (extrapolated) = 0.180 W/kg  
**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.072 mW/g**  
Maximum value of SAR (measured) = 0.135 mW/g

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0 dB = 0.135mW/g

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Date/Time: 16/08/2009 10:24:50 PM

Test Laboratory: RTS

File Name: [RightHandSide\\_GSM1900\\_mid\\_chan\\_amb\\_temp\\_23.3\\_liq\\_temp\\_22.1C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**


Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

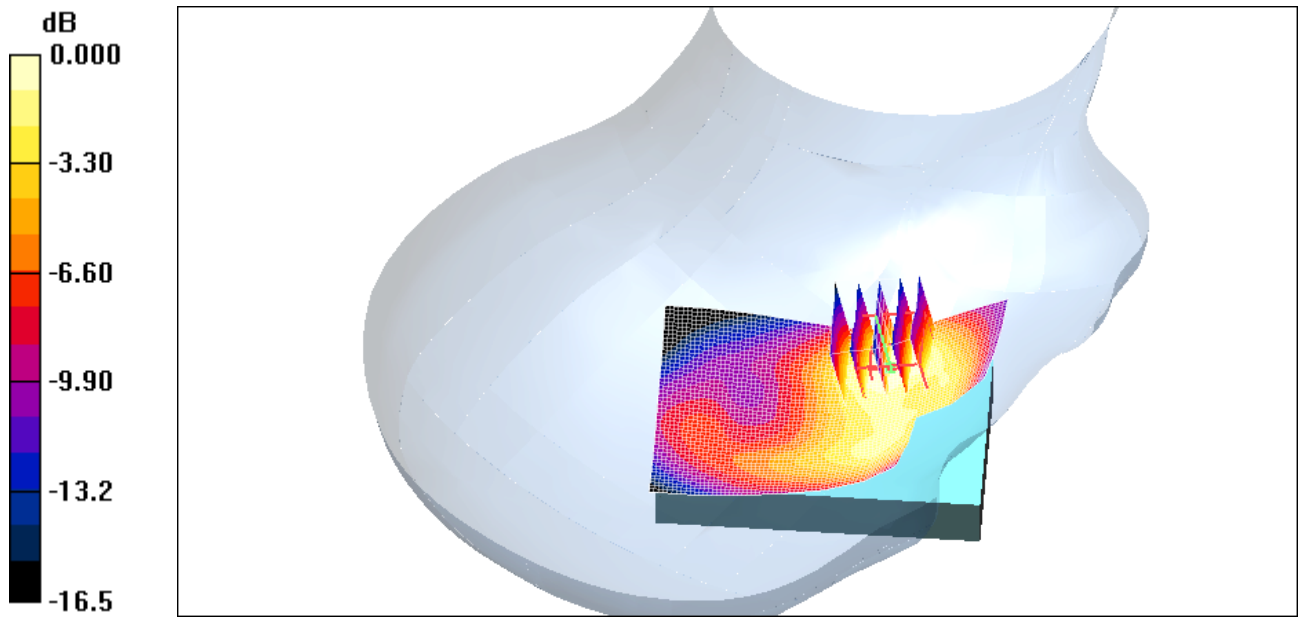
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186


**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.316 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 6.01 V/m; Power Drift = 0.011 dB  
Peak SAR (extrapolated) = 0.410 W/kg  
**SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.150 mW/g**  
Maximum value of SAR (measured) = 0.288 mW/g

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0 dB = 0.288mW/g

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Date/Time: 20/08/2009 4:02:50 AM

Test Laboratory: RTS

File Name: [LeftHandSide\\_802.11b\\_low\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.6C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.248 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.53 V/m; Power Drift = -0.194 dB

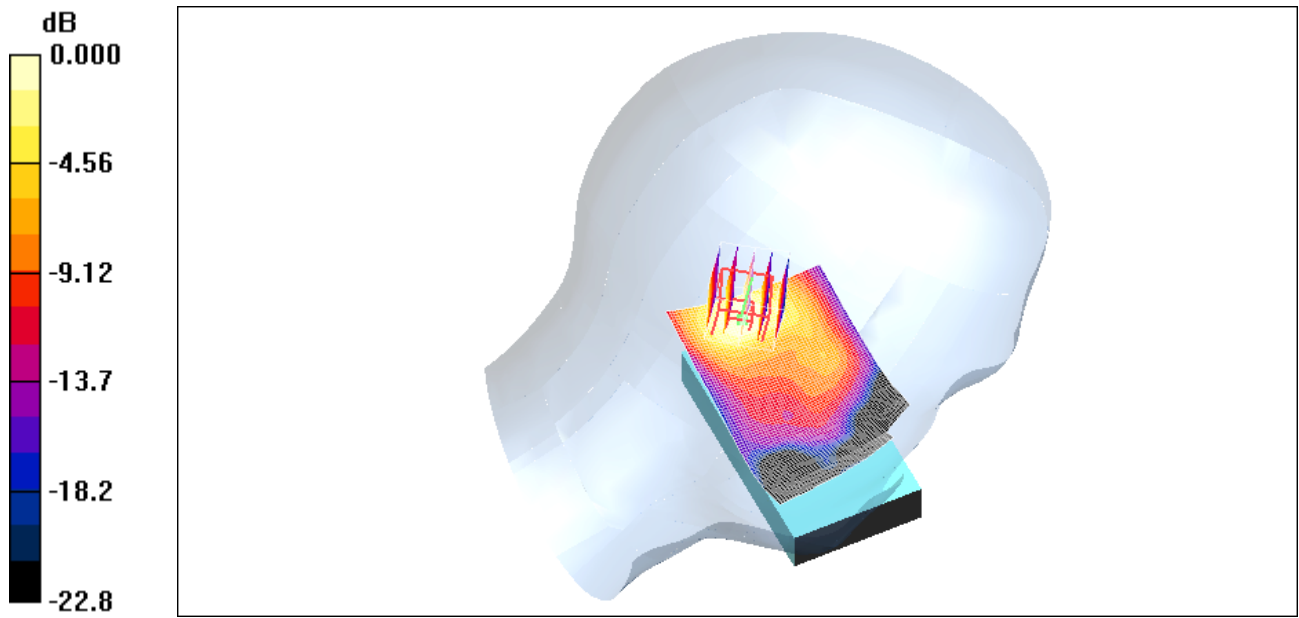
Peak SAR (extrapolated) = 0.401 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.108 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.238 mW/g

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0 dB = 0.238mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 20/08/2009 3:45:55 AM

Test Laboratory: RTS

File Name: [LeftHandSide\\_802.11b\\_mid\\_chan\\_amb\\_temp\\_23.2\\_liq\\_temp\\_22.6C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.248 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.32 V/m; Power Drift = -0.002 dB


Peak SAR (extrapolated) = 0.426 W/kg

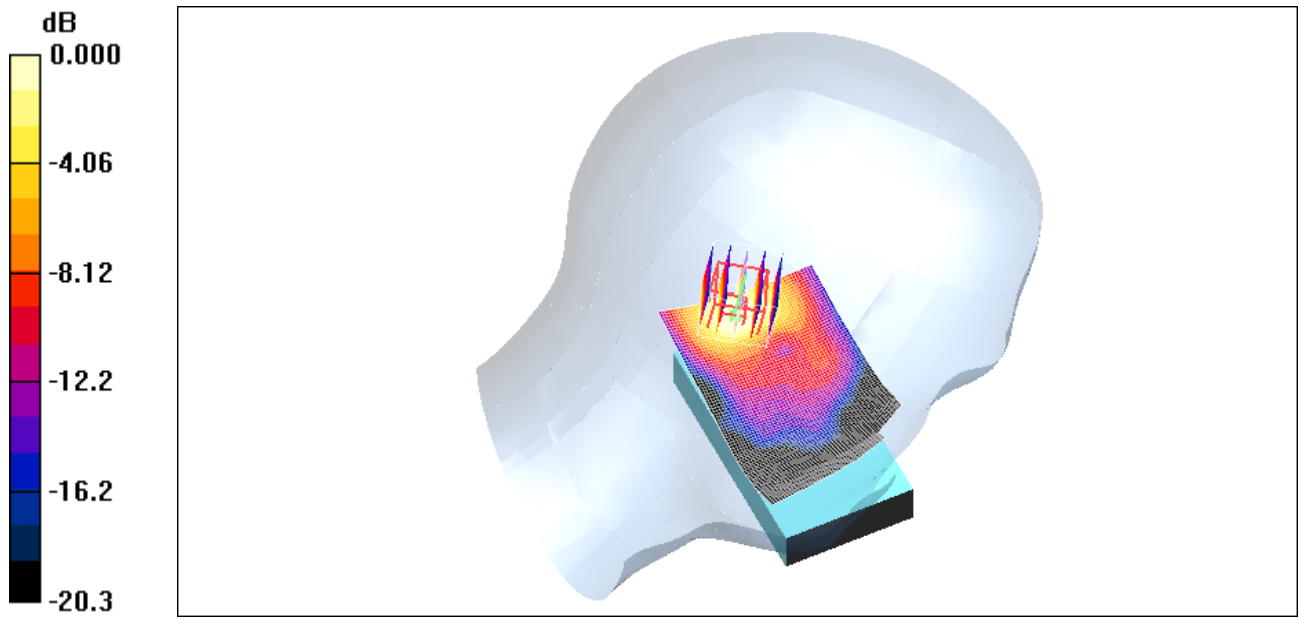
**SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.107 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)


Maximum value of SAR (measured) = 0.241 mW/g



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0 dB = 0.241mW/g

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Author Data	Dates of Test	Test Report No	FCC ID:
<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 20/08/2009 3:25:42 AM

Test Laboratory: RTS

File Name: [LeftHandSide\\_802.11b\\_high\\_chan\\_amb\\_temp\\_23.0\\_liq\\_temp\\_22.5C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.9$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.326 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 9.74 V/m; Power Drift = 0.447 dB

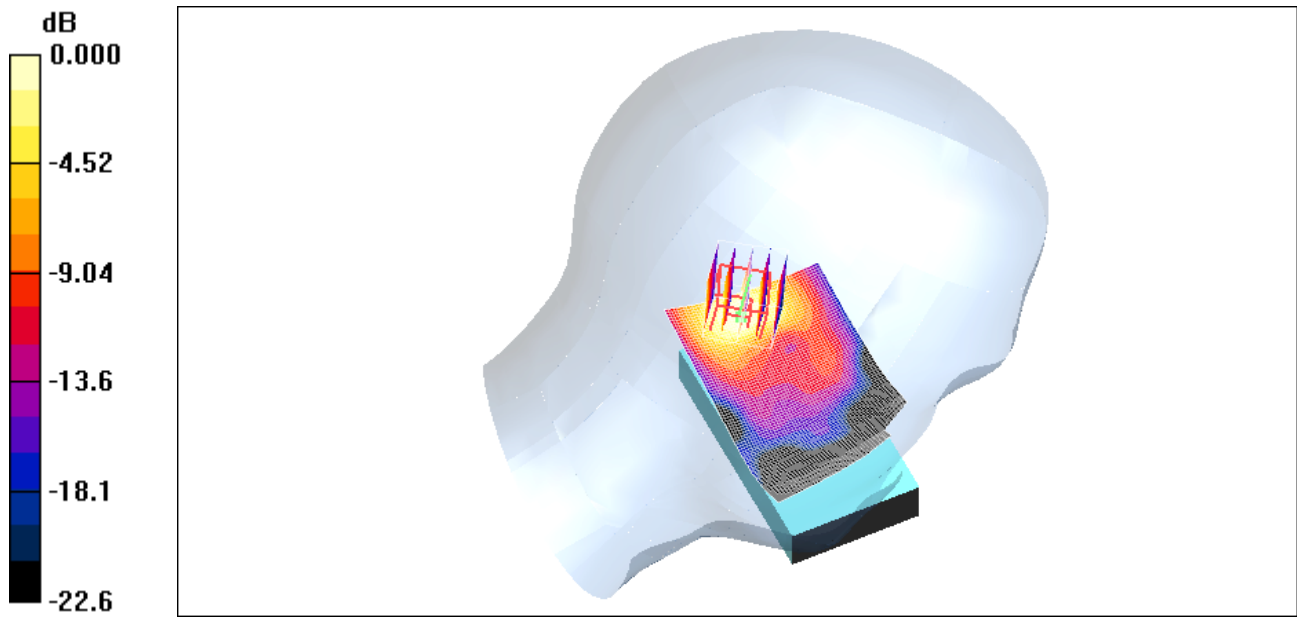
Peak SAR (extrapolated) = 0.565 W/kg

**SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.139 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.321 mW/g

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0 dB = 0.321mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 20/08/2009 4:39:25 AM

Test Laboratory: RTS

File Name:

[LeftHandSide\\_Tilt\\_802.11b\\_high\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.6C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**

**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.9$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Tilt position -/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.411 mW/g

**Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 10.0 V/m; Power Drift = 0.047 dB

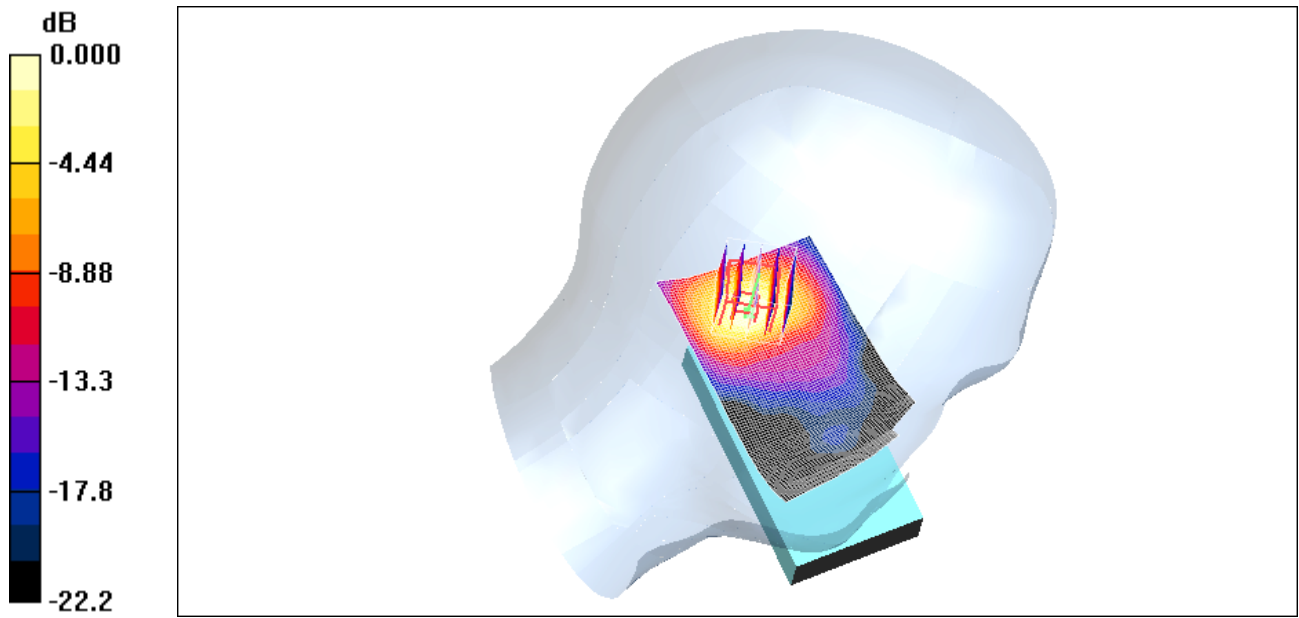
Peak SAR (extrapolated) = 0.730 W/kg

**SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.179 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.412 mW/g

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0 dB = 0.412mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 20/08/2009 12:48:10 AM

Test Laboratory: RTS

File Name: [RightHandSide\\_802.11b\\_low\\_chan\\_amb\\_temp\\_23.5\\_liq\\_temp\\_22.9C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2412$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.227 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 4.82 V/m; Power Drift = 0.148 dB

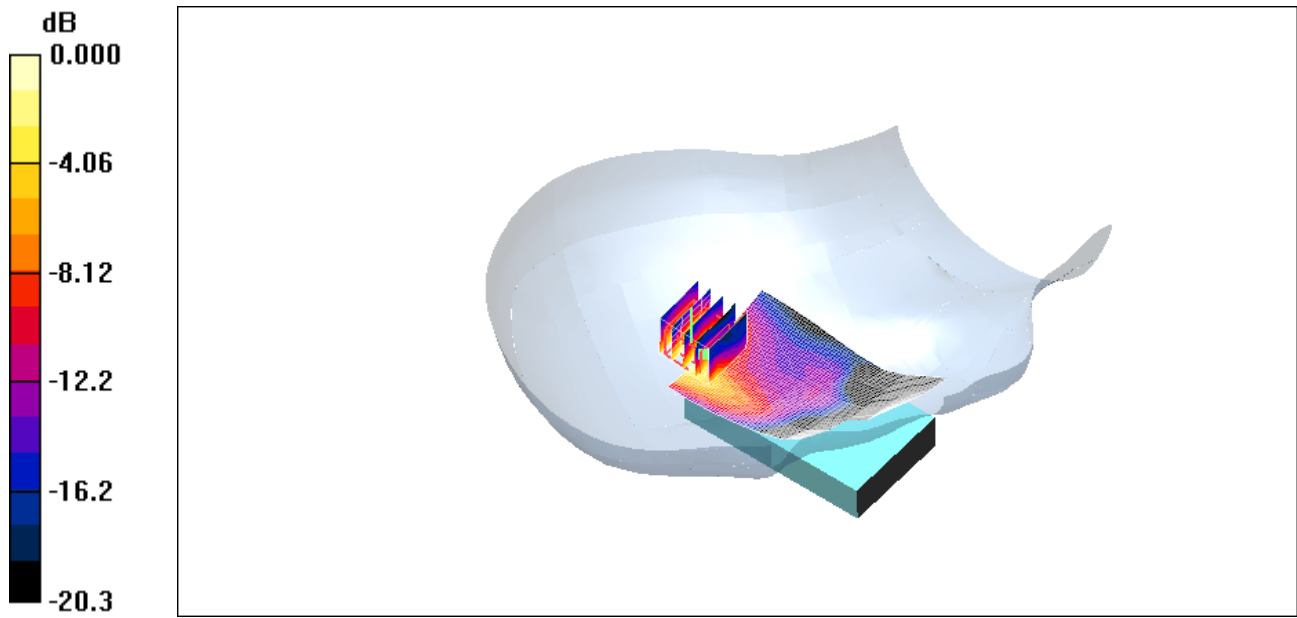
Peak SAR (extrapolated) = 0.467 W/kg

**SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.118 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.257 mW/g

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0 dB = 0.257mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 20/08/2009 1:24:55 AM

Test Laboratory: RTS

File Name: [RightHandSide\\_802.11b\\_mid\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.6C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.264 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.72 V/m; Power Drift = -0.078 dB


Peak SAR (extrapolated) = 0.468 W/kg

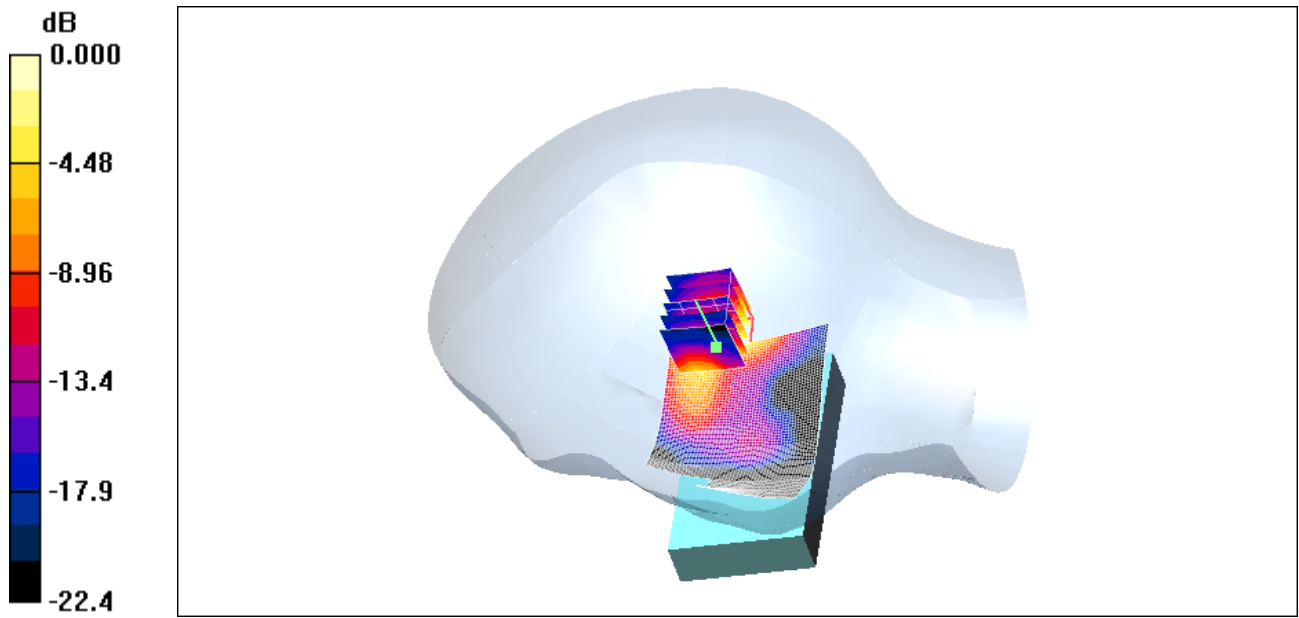
**SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.114 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)


Maximum value of SAR (measured) = 0.255 mW/g



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0 dB = 0.255mW/g

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Date/Time: 20/08/2009 2:02:51 AM

Test Laboratory: RTS

File Name: [RightHandSide\\_802.11b\\_high\\_chan\\_amb\\_temp\\_23.1\\_liq\\_temp\\_22.6C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.9$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.379 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 4.12 V/m; Power Drift = -0.256 dB

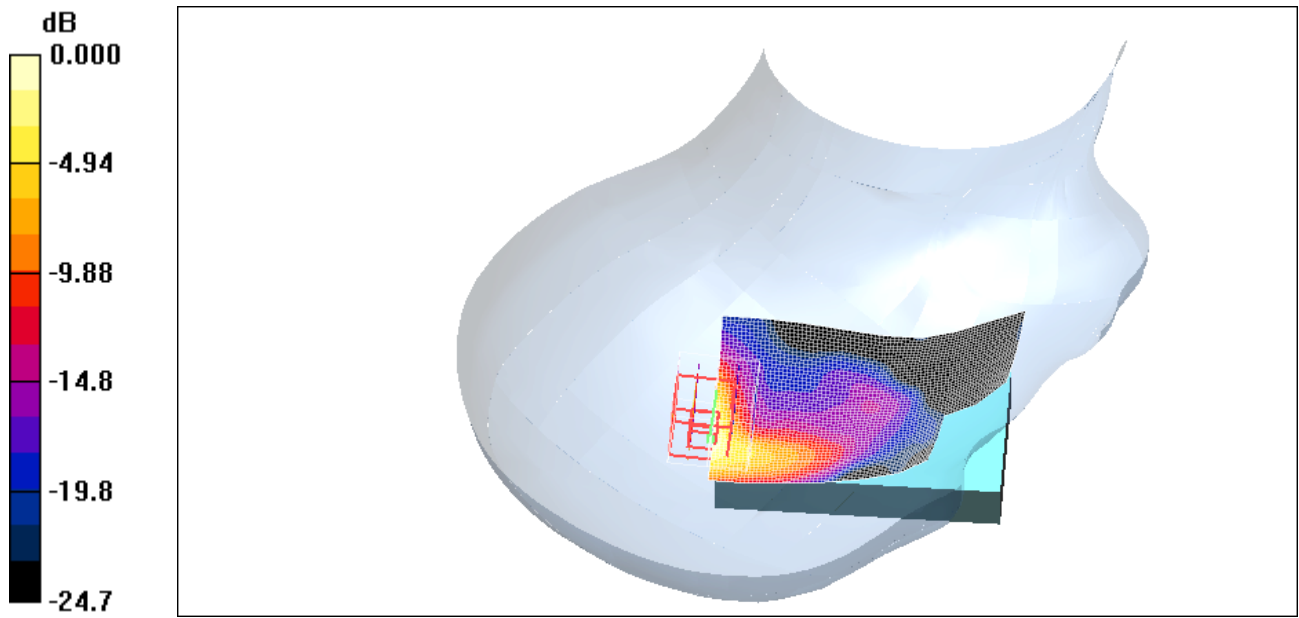
Peak SAR (extrapolated) = 0.652 W/kg

**SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.155 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.364 mW/g

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0 dB = 0.364mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 20/08/2009 2:59:57 AM

Test Laboratory: RTS

File Name:

[RightHandSide\\_Tilt\\_802.11b\\_high\\_chan\\_amb\\_temp\\_23.2\\_liq\\_temp\\_22.6C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: 30D08B26**

**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: 802.11 b (2450); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.9$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.514 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 4.36 V/m; Power Drift = 0.558 dB

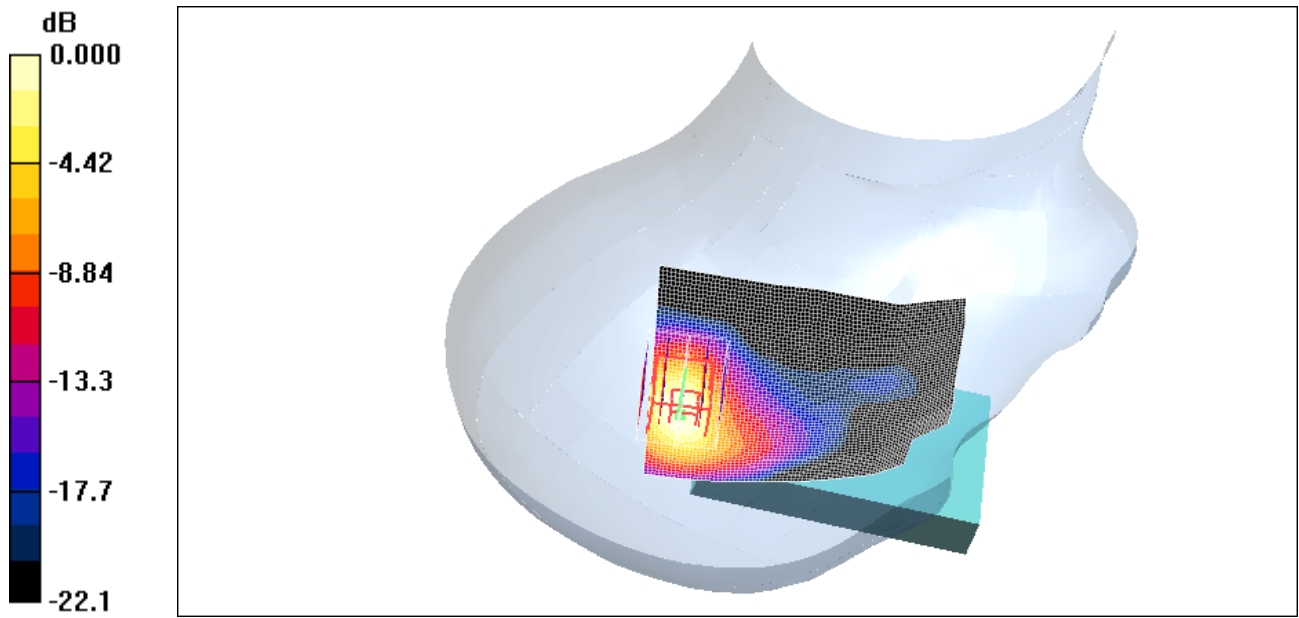
Peak SAR (extrapolated) = 0.879 W/kg

**SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.210 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.479 mW/g

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0 dB = 0.479mW/g

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<b>Jean-Paul Hacquoil</b>	<b>July 30-August 19, 2009</b>	<b>RTS-1765-0908-02</b>	<b>L6ARCP50UW</b>

Date/Time: 06/08/2009 6:42:58 PM

Test Laboratory: RTS

File Name: [LeftHandSide\\_BT\\_mid\\_chan\\_amb\\_temp\\_23.0\\_liq\\_temp\\_21.9C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: N/A**  
**Program Name: Compliance Testing: (Left-Hand Side)**

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 37.3$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.008 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm


Reference Value = 0.974 V/m; Power Drift = 0.237 dB

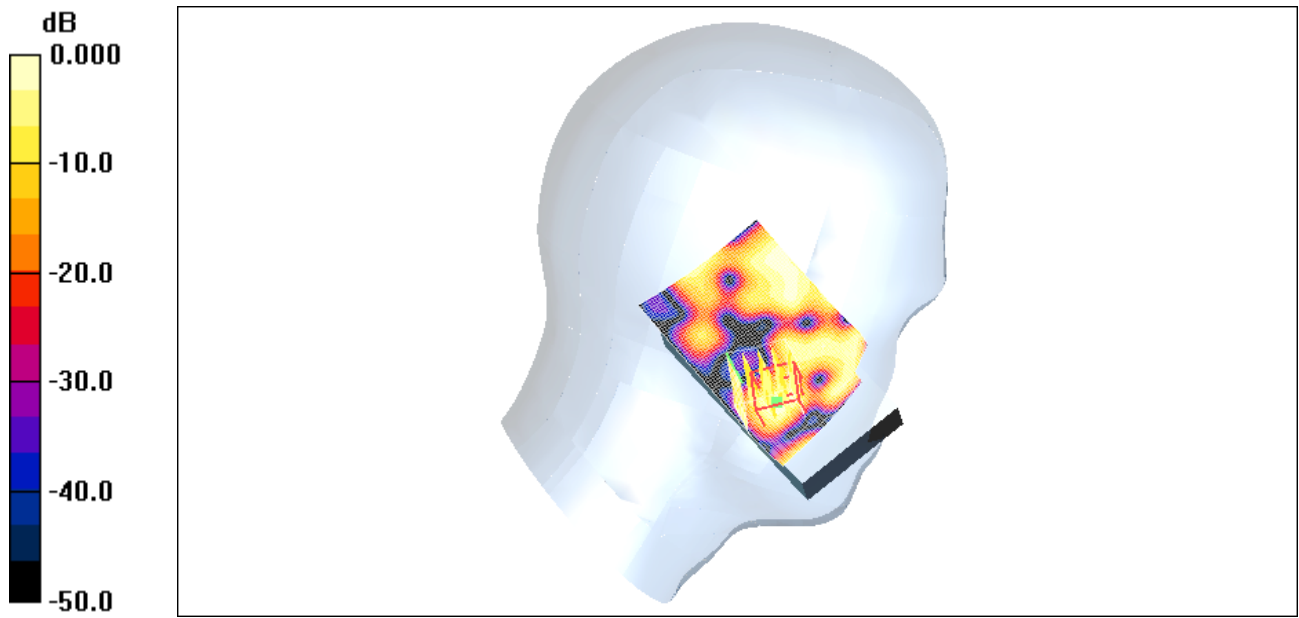
Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000522 mW/g**


[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.007 mW/g

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0 dB = 0.007mW/g

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Date/Time: 06/08/2009 7:10:36 PM

Test Laboratory: RTS

File Name: [RightHandSide Bluetooth\\_mid\\_chan\\_amb\\_temp\\_22.8\\_liq\\_temp\\_21.8C.da4](#)

**DUT: BlackBerry Smartphone; Type: Sample ; Serial: N/A**  
**Program Name: Compliance Testing: (Right-Hand Side)**

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 37.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(4.54, 4.54, 4.54); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Touch position -/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.005 mW/g

**Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.924 V/m; Power Drift = 1.84 dB


Peak SAR (extrapolated) = 0.010 W/kg

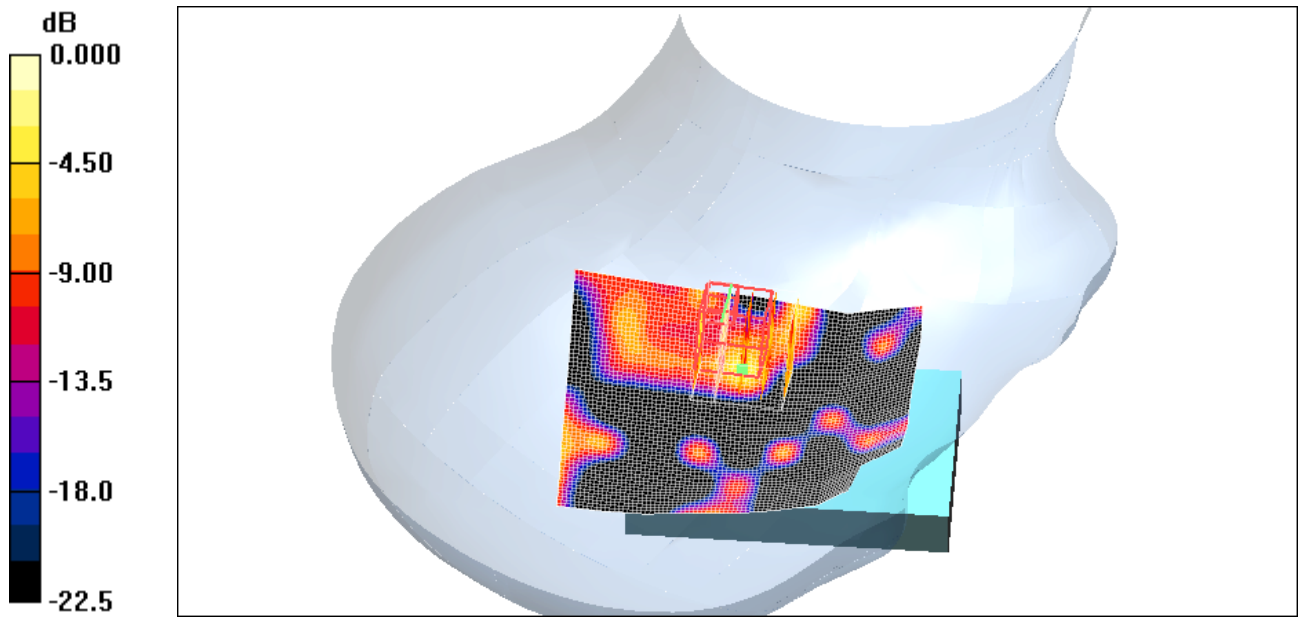
**SAR(1 g) = 0.00078 mW/g; SAR(10 g) = 0.000223 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)


Maximum value of SAR (measured) = 0.010 mW/g



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0 dB = 0.010mW/g

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**Z axis plot for the worst case head configuration:**

