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	Author Data Jean-Paul Hacquoil	Dates of Test March 09-25, May 04-06, 2009	Test Report No RTS-1528-0903-26 Rev 1

APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

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Date/Time: 19/03/2009 7:43:46 PM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE850_low_chan_amb_temp_23.3_liq_temp_22.1C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 824.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 825$ MHz; $\sigma = 0.862$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³
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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 0.792 mW/g

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

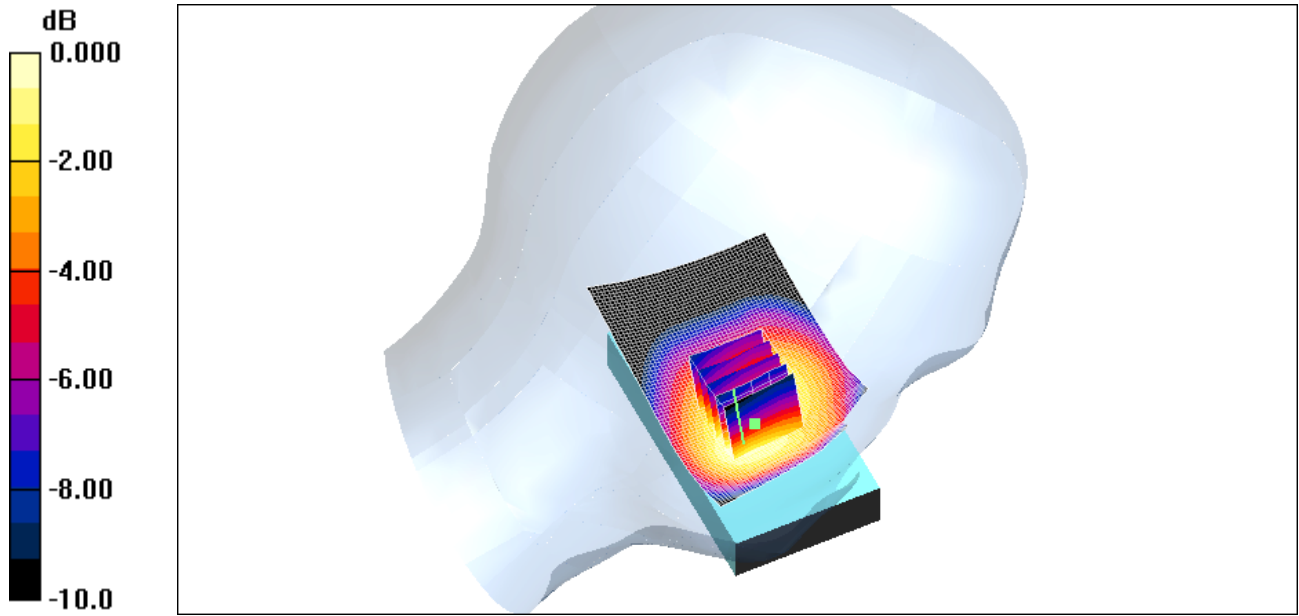
Reference Value = 10.5 V/m; Power Drift = -0.638 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 0.806 mW/g

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0 dB = 0.806mW/g

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Test Laboratory: RTS

File Name: [LeftHandSide_EDGE850_mid_chan_amb_temp_23.3_liq_temp_22.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (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; $\sigma = 0.874$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.01 mW/g

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

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

Reference Value = 10.8 V/m; Power Drift = -0.386 dB

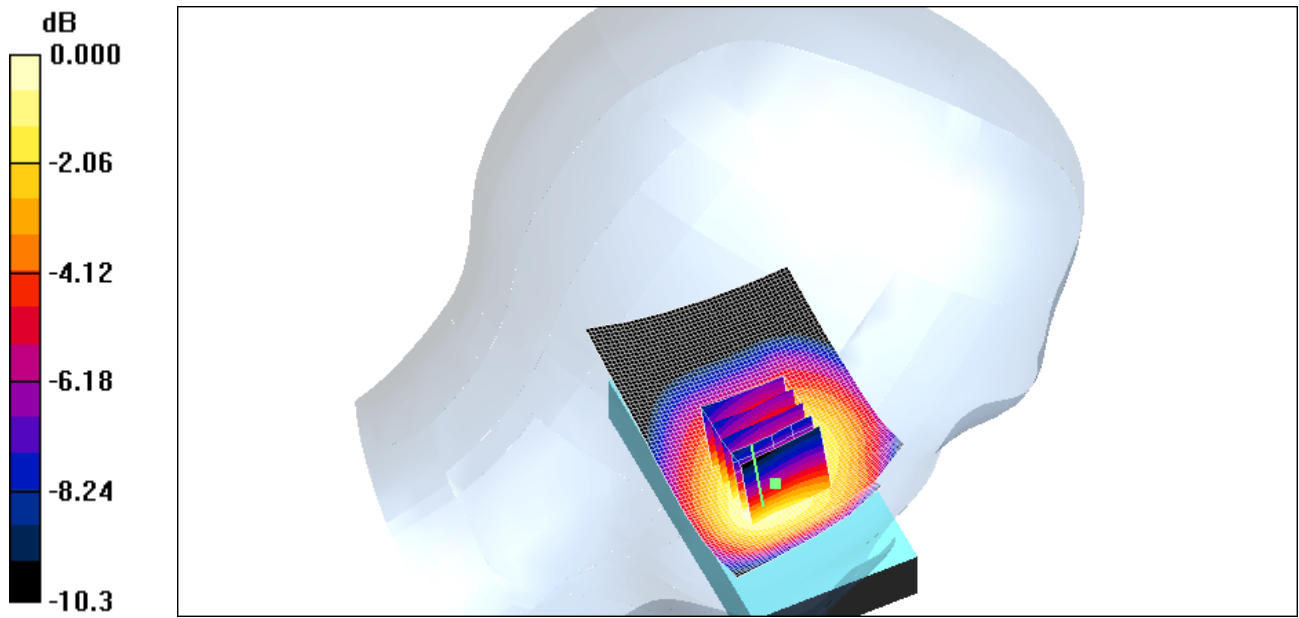
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.680 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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Date/Time: 19/03/2009 9:00:51 PM

Test Laboratory: RTS

File Name: [LeftHandSide_EDGE850_high_chan_amb_temp_23.4_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 848.8 MHz; Duty Cycle: 1:2.8
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Reference Value = 10.3 V/m; Power Drift = 0.052 dB

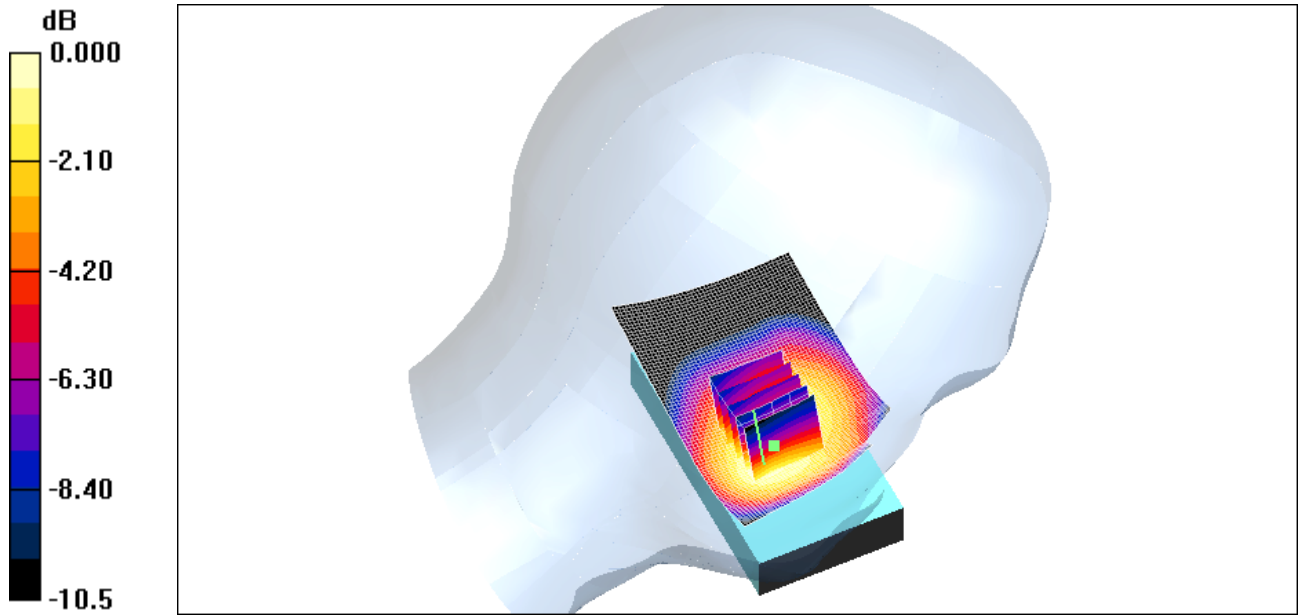
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.735 mW/g

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

Maximum value of SAR (measured) = 1.10 mW/g

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0 dB = 1.10mW/g

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Date/Time: 19/03/2009 9:16:47 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_Tilt_EDGE850_high_chan_amb_temp_23.8_liq_temp_22.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 848.8 MHz; Duty Cycle: 1:2.8
Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.886 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - High/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) = 0.576 mW/g

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

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

Reference Value = 16.5 V/m; Power Drift = -0.116 dB

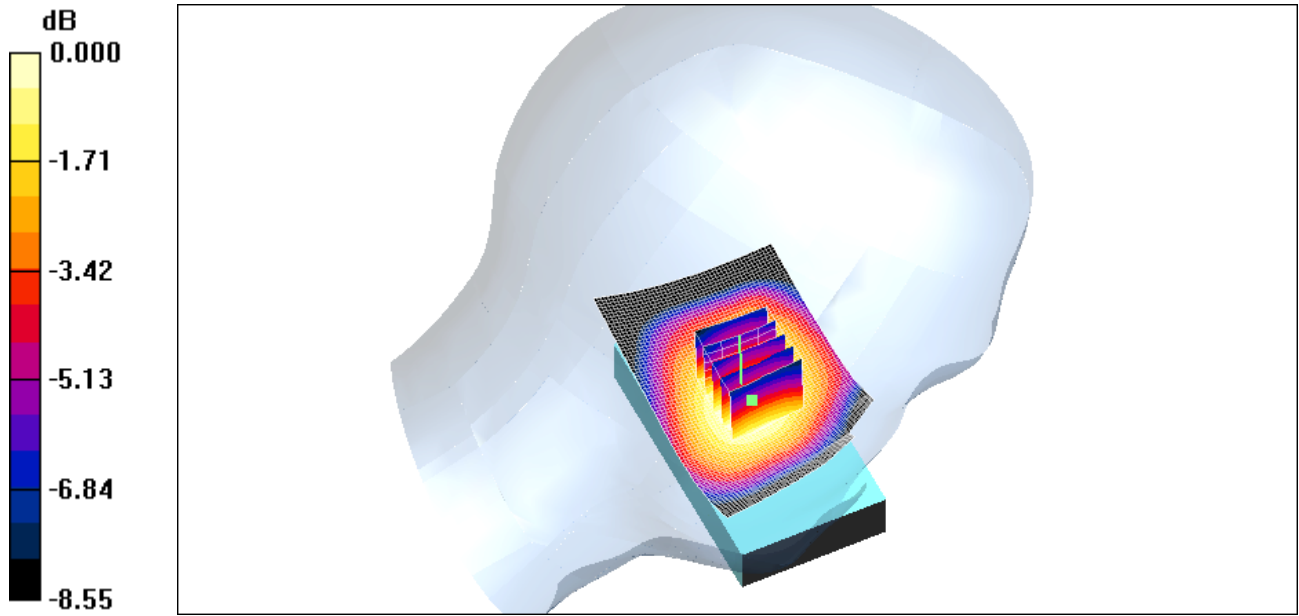
Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.407 mW/g

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

Maximum value of SAR (measured) = 0.561 mW/g

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0 dB = 0.561mW/g

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Test Laboratory: RTS

File Name:

[RightHandSide_EDGE850_3slots_low_chan_amb_temp_23.8_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 824.2 MHz; Duty Cycle: 1:2.8
Medium parameters used: $f = 825$ MHz; $\sigma = 0.862$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³
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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 0.913 mW/g

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

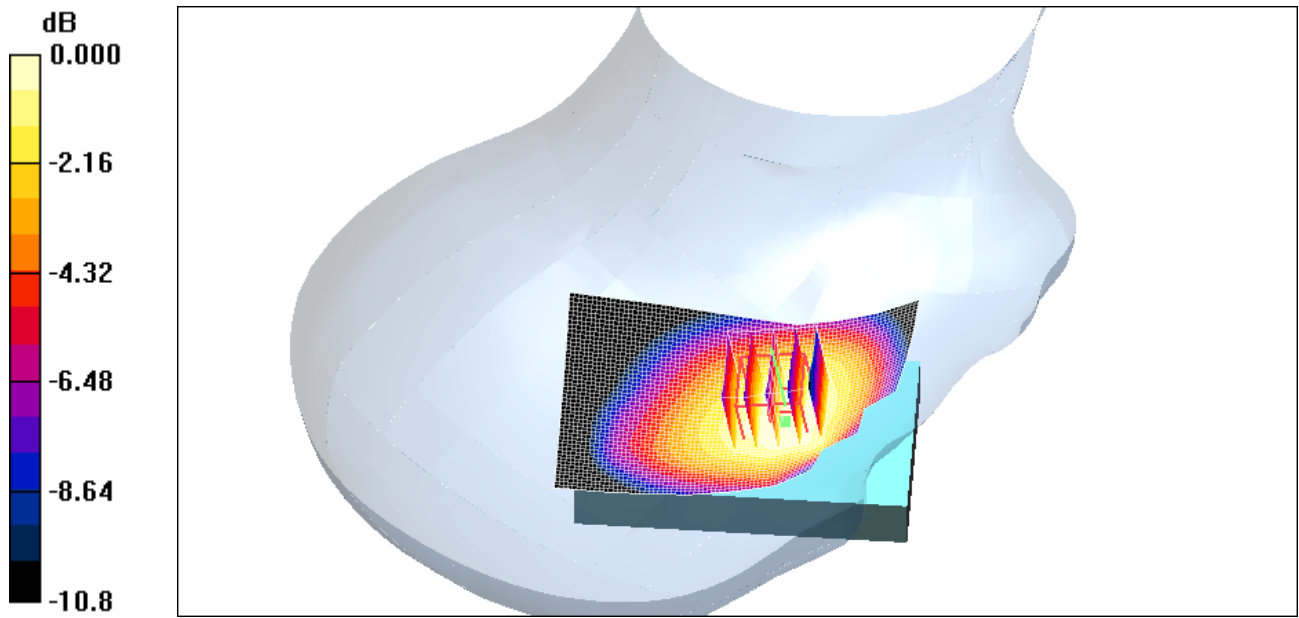
Reference Value = 12.2 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 0.927 mW/g

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0 dB = 0.927mW/g

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Test Laboratory: RTS

File Name:

[RightHandSide_EDGE850_3slots_mid_chan_amb_temp_23.5_liq_temp_22.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 836.8 MHz; Duty Cycle: 1:2.8
Medium parameters used (interpolated): $f = 836.8 \text{ MHz}$; $\sigma = 0.874 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Reference Value = 12.3 V/m; Power Drift = -0.052 dB

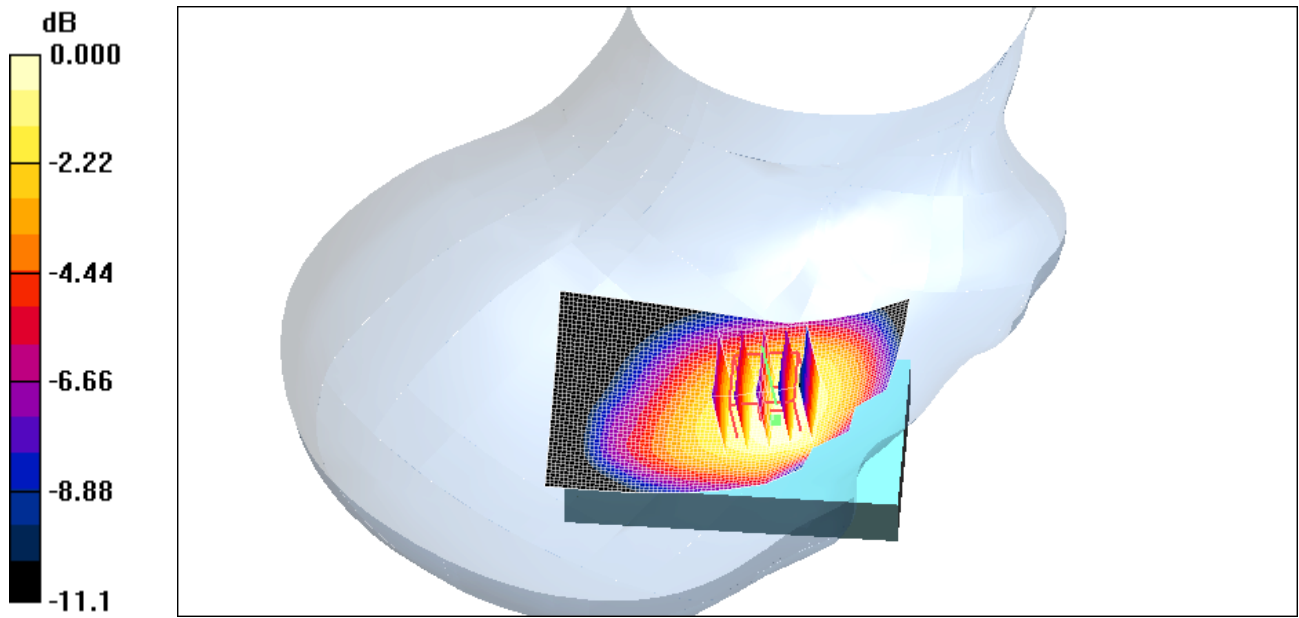
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.778 mW/g

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

Maximum value of SAR (measured) = 1.11 mW/g

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0 dB = 1.11mW/g

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Date/Time: 19/03/2009 2:42:34 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE850_3slots_high_chan_amb_temp_23.3_liq_temp_22.1C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 848.8 MHz; Duty Cycle: 1:2.8
Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.886 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - High/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) = 1.32 mW/g

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

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

Reference Value = 12.9 V/m; Power Drift = -0.202 dB

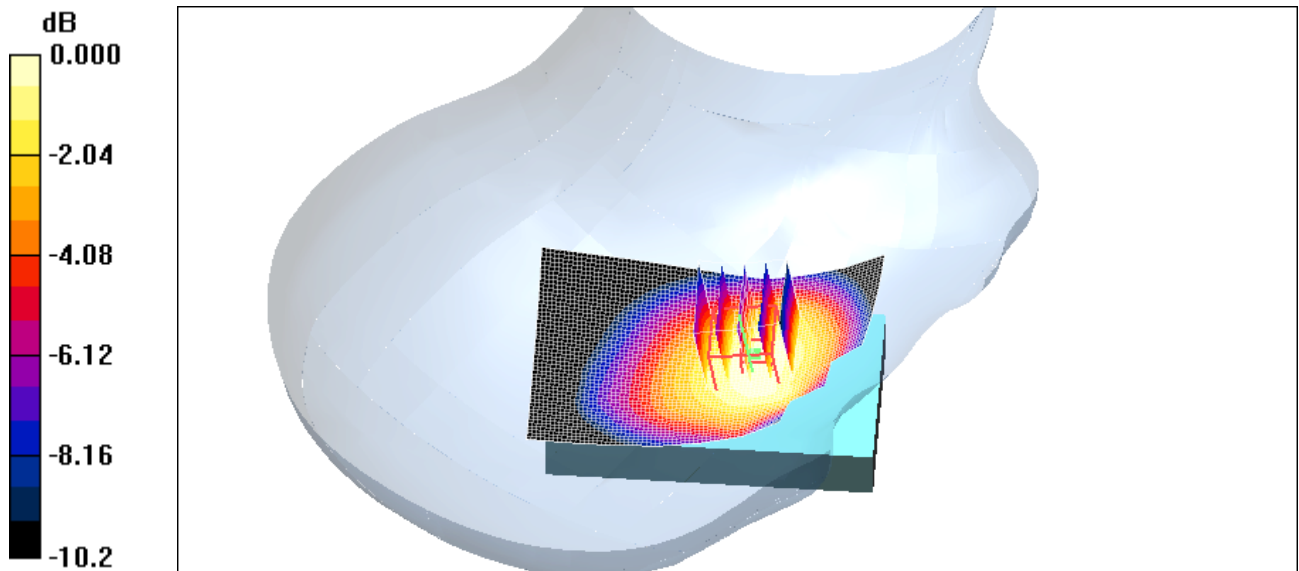
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.950 mW/g

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

Maximum value of SAR (measured) = 1.36 mW/g

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0 dB = 1.36mW/g

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Date/Time: 19/03/2009 3:07:51 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE850_4slots_high_chan_amb_temp_23.4_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (4 slots); Frequency: 848.8 MHz; Duty Cycle: 1:2.1
Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.886 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - High/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) = 1.11 mW/g

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

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

Reference Value = 11.8 V/m; Power Drift = -0.094 dB

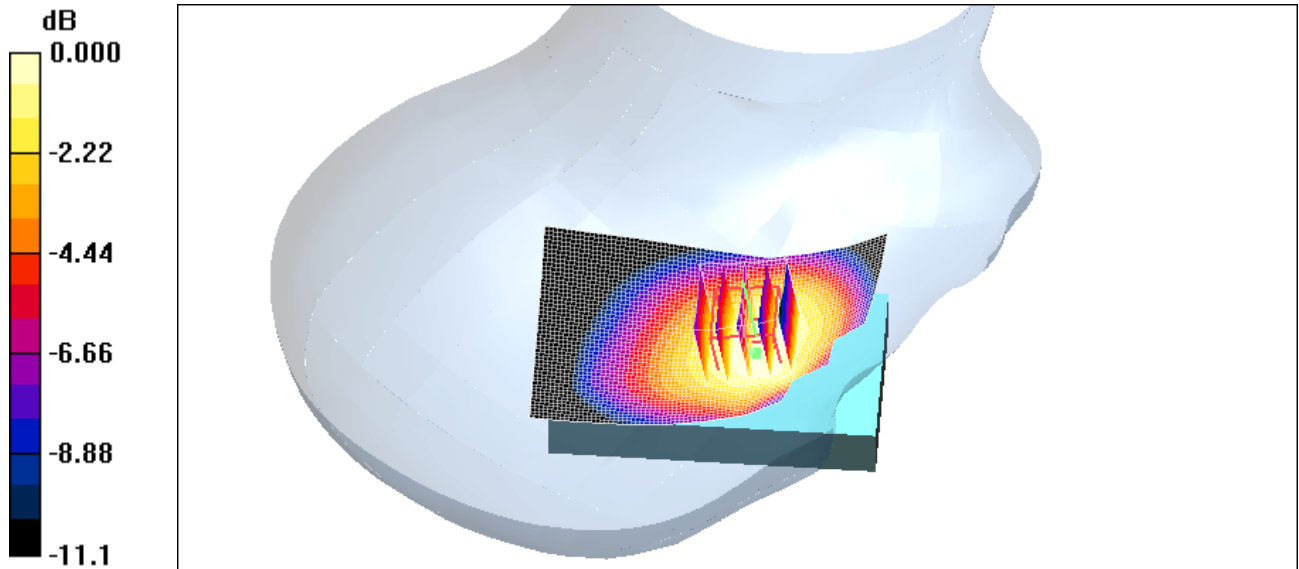
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.800 mW/g

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

Maximum value of SAR (measured) = 1.15 mW/g

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0 dB = 1.15mW/g

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Date/Time: 19/03/2009 2:17:25 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE850_2slots_high_chan_amb_temp_23.5_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.2
Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.886 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - High/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) = 1.36 mW/g

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

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

Reference Value = 15.2 V/m; Power Drift = -0.285 dB

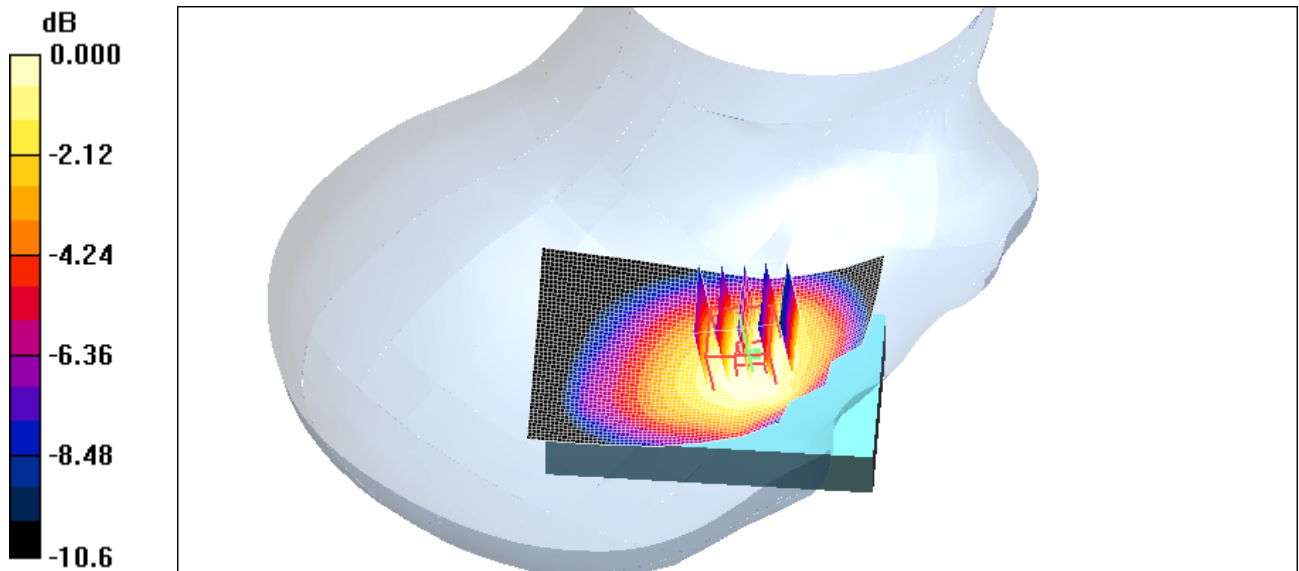
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.942 mW/g

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

Maximum value of SAR (measured) = 1.37 mW/g

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0 dB = 1.37mW/g

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Date/Time: 19/03/2009 3:45:09 PM

Test Laboratory: RTS

File Name: [RightHandSide_GSM850_high_chan_amb_temp_23.5_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.30 mW/g

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

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

Reference Value = 12.2 V/m; Power Drift = -0.062 dB

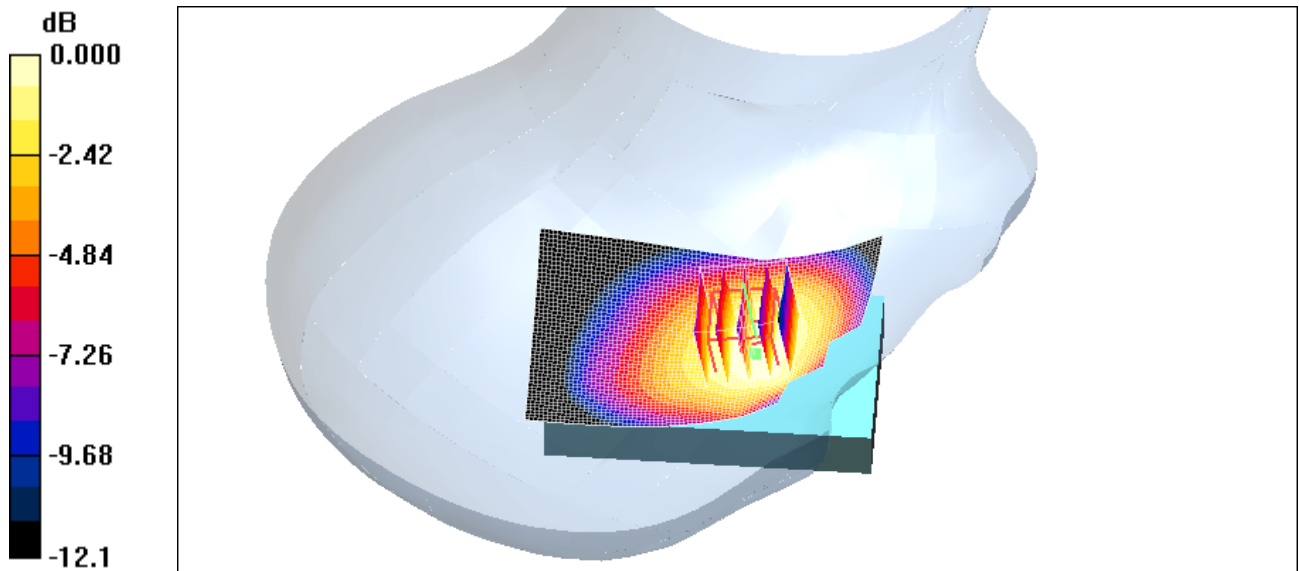
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.922 mW/g

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

Maximum value of SAR (measured) = 1.33 mW/g

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0 dB = 1.33mW/g

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Date/Time: 19/03/2009 7:19:32 PM

Test Laboratory: RTS

File Name:

[RightHandSide Tilt EDGE850 3slots_high_chan_amb_temp_23.2_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 850 (3 slots); Frequency: 848.8 MHz; Duty Cycle: 1:2.8
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 0.604 mW/g

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

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

Reference Value = 17.2 V/m; Power Drift = -0.381 dB

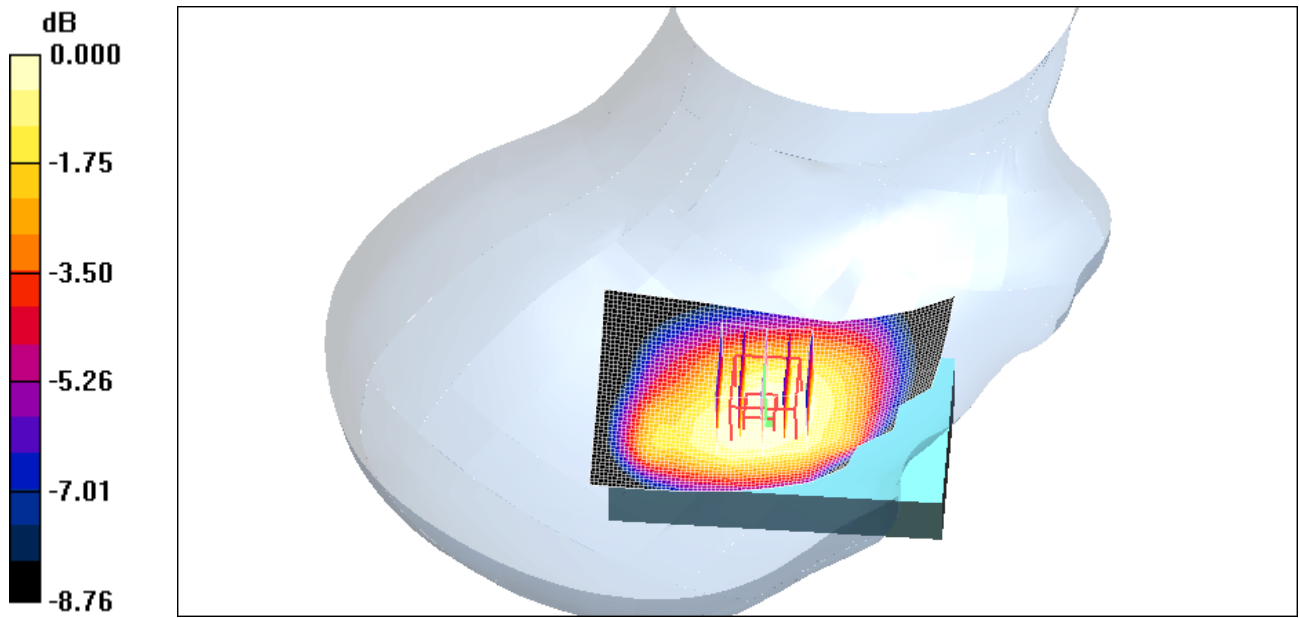
Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.433 mW/g

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

Maximum value of SAR (measured) = 0.598 mW/g

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0 dB = 0.598mW/g

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Date/Time: 09/03/2009 5:36:04 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_EDGE1900_2slots_low_chan_amb_temp_23.5_liq_temp_21.9C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 1900 (2slots); Frequency: 1850.2 MHz; Duty Cycle: 1:4.2

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 0.970 mW/g

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

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

Reference Value = 8.04 V/m; Power Drift = -0.178 dB

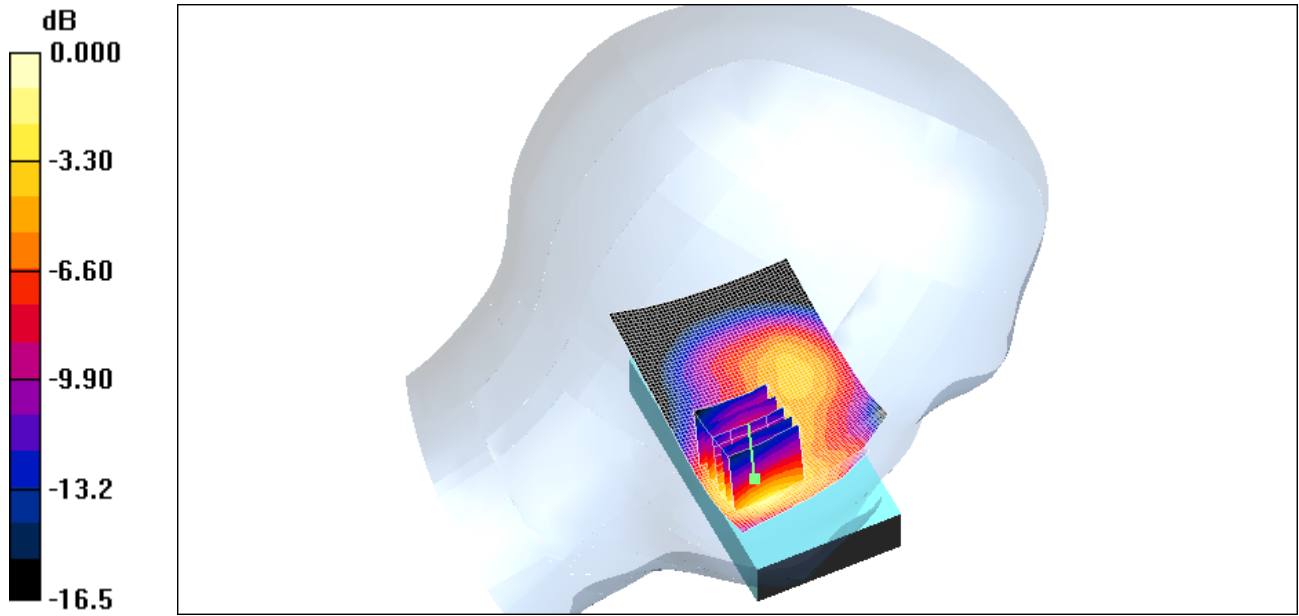
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.508 mW/g

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

Maximum value of SAR (measured) = 0.958 mW/g

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0 dB = 0.958mW/g

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Date/Time: 09/03/2009 5:53:05 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_EDGE1900_2slots_mid_chan_amb_temp_23.8_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 1900 (2slots); 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: 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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

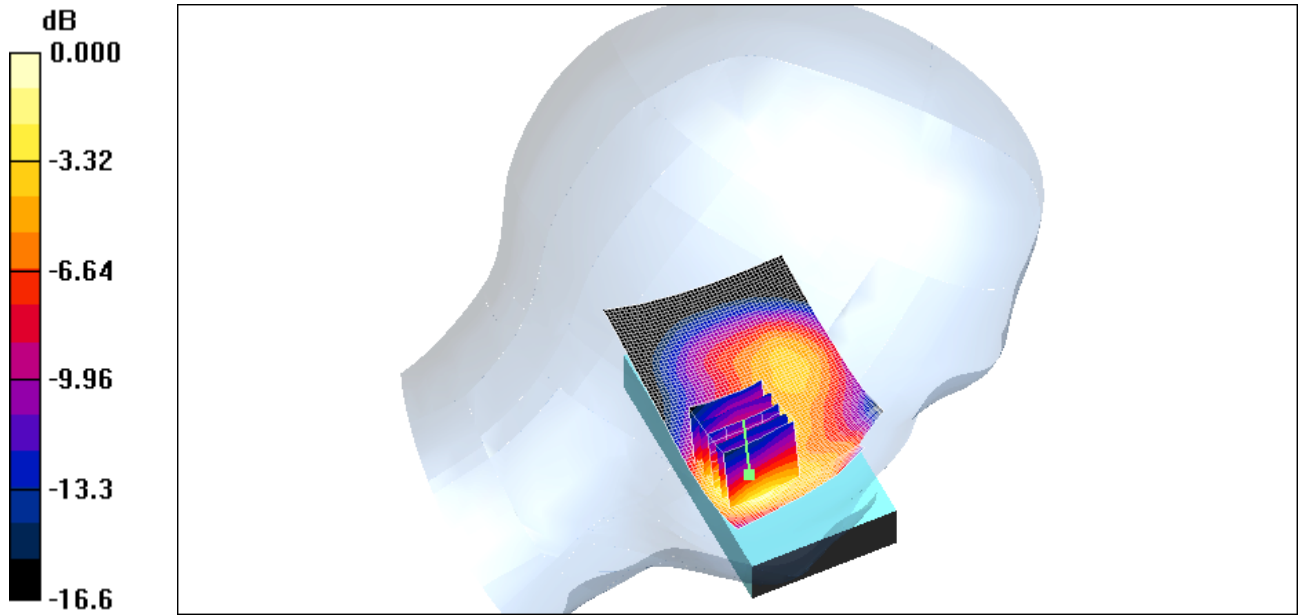
Reference Value = 8.56 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

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0 dB = 1.03mW/g

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Date/Time: 09/03/2009 6:12:46 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_EDGE1900_2slots_high_chan_amb_temp_23.8_liq_temp_22.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 1900(2slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.2
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³
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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

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

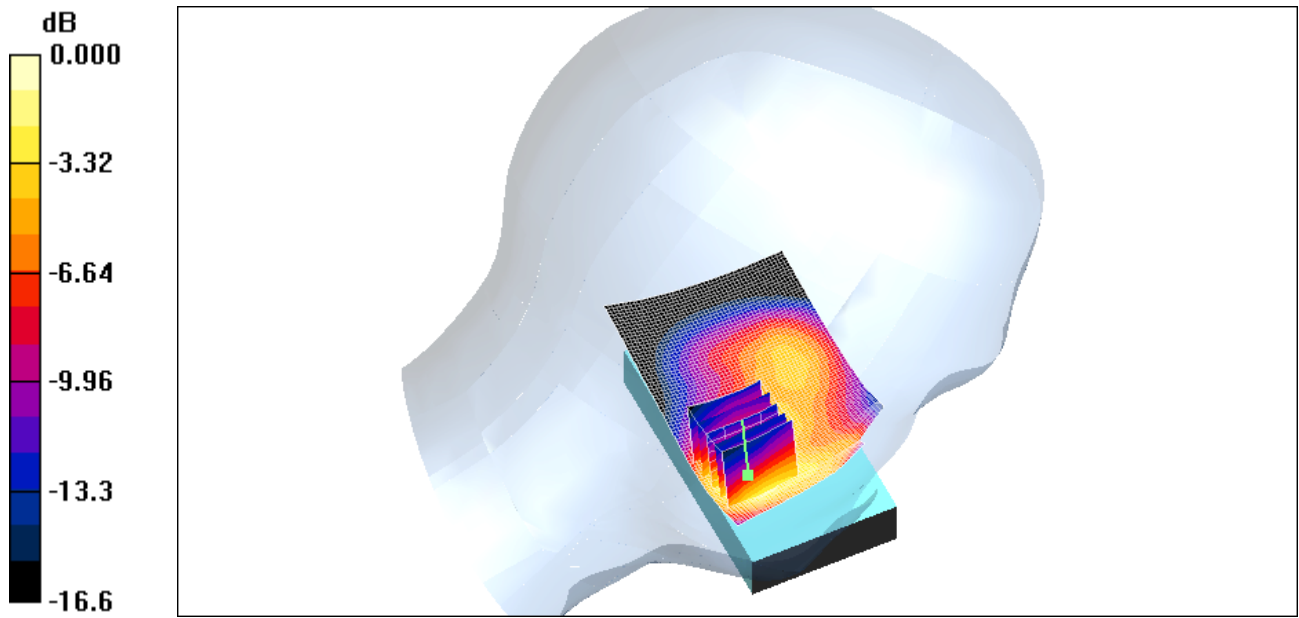
Reference Value = 7.99 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.545 mW/g

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

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0 dB = 1.02mW/g

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Date/Time: 24/03/2009 9:59:03 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_EDGE1900_3_slots_high_chan_amb_temp_24.0_liq_temp_23.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 1900(3 slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2.8

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 0.983 mW/g

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

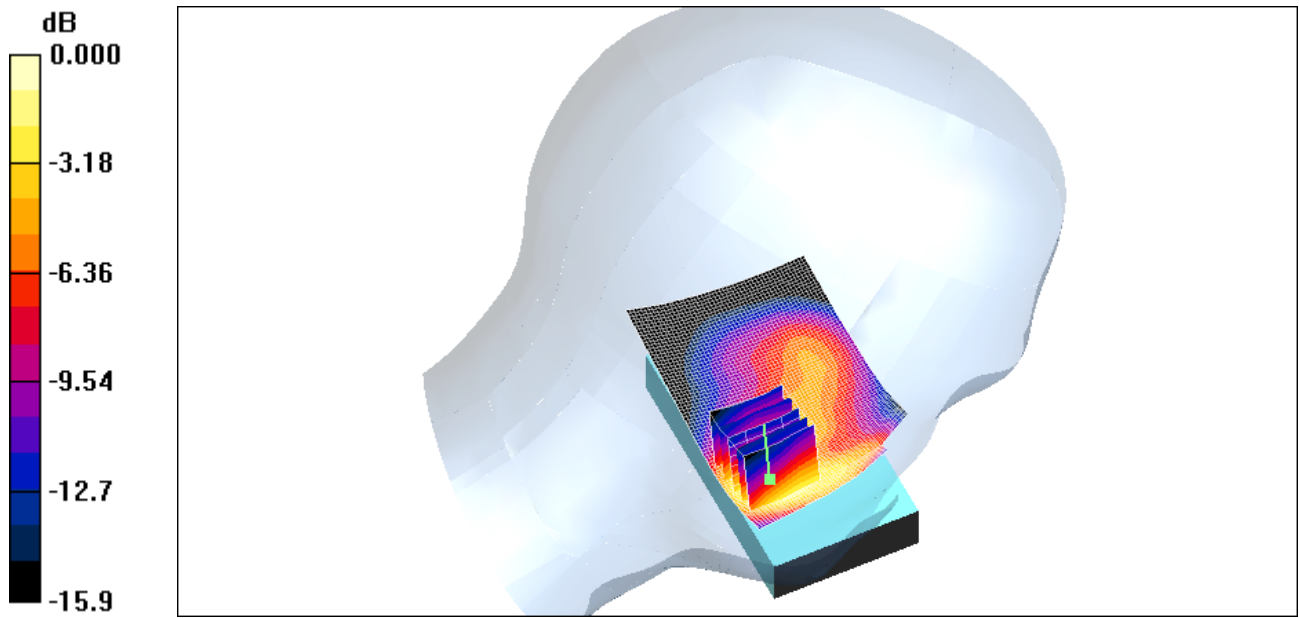
Reference Value = 7.99 V/m; Power Drift = -0.351 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.491 mW/g

Maximum value of SAR (measured) = 0.947 mW/g

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0 dB = 0.947mW/g

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Date/Time: 24/03/2009 10:23:14 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_EDGE1900_4_slots_high_chan_amb_temp_24.5_liq_temp_23.8C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 1900(4 slots); Frequency: 1909.8 MHz; Duty Cycle: 1:2.1

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 1.13 mW/g

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

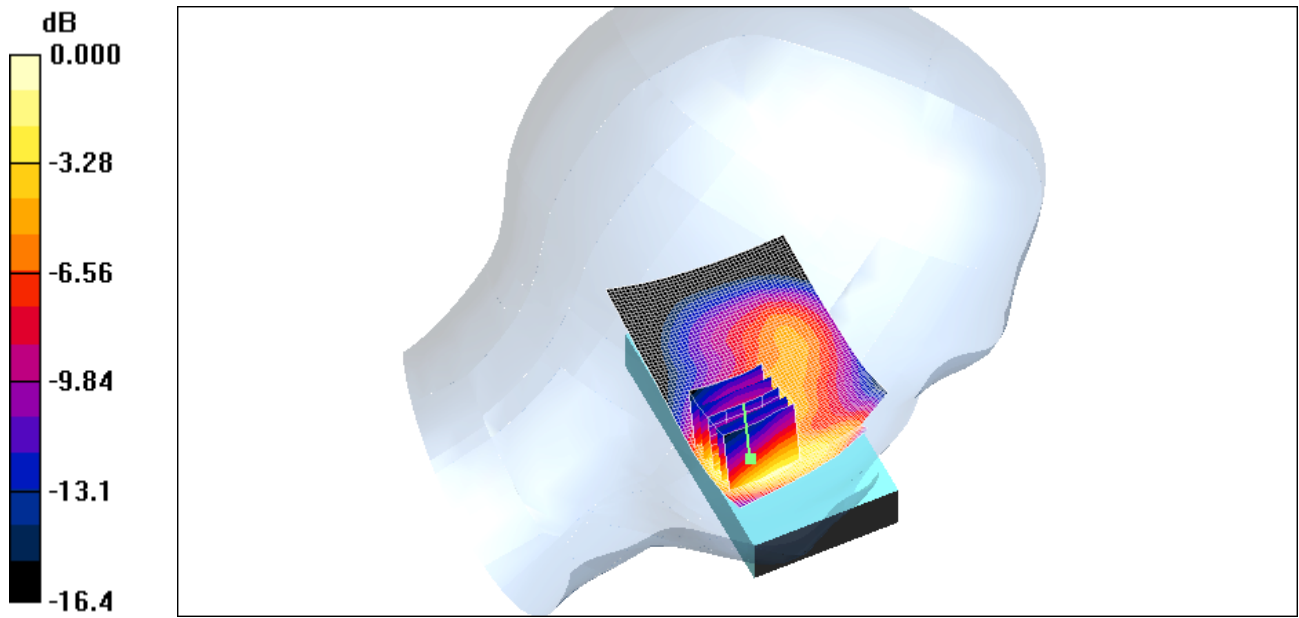
Reference Value = 8.40 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.07 mW/g

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0 dB = 1.07mW/g

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Date/Time: 09/03/2009 7:07:23 PM

Test Laboratory: RTS

File Name: [LeftHandSide_GSM1900_high_chan_amb_temp_23.5_liq_temp_21.9C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³
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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 0.834 mW/g

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

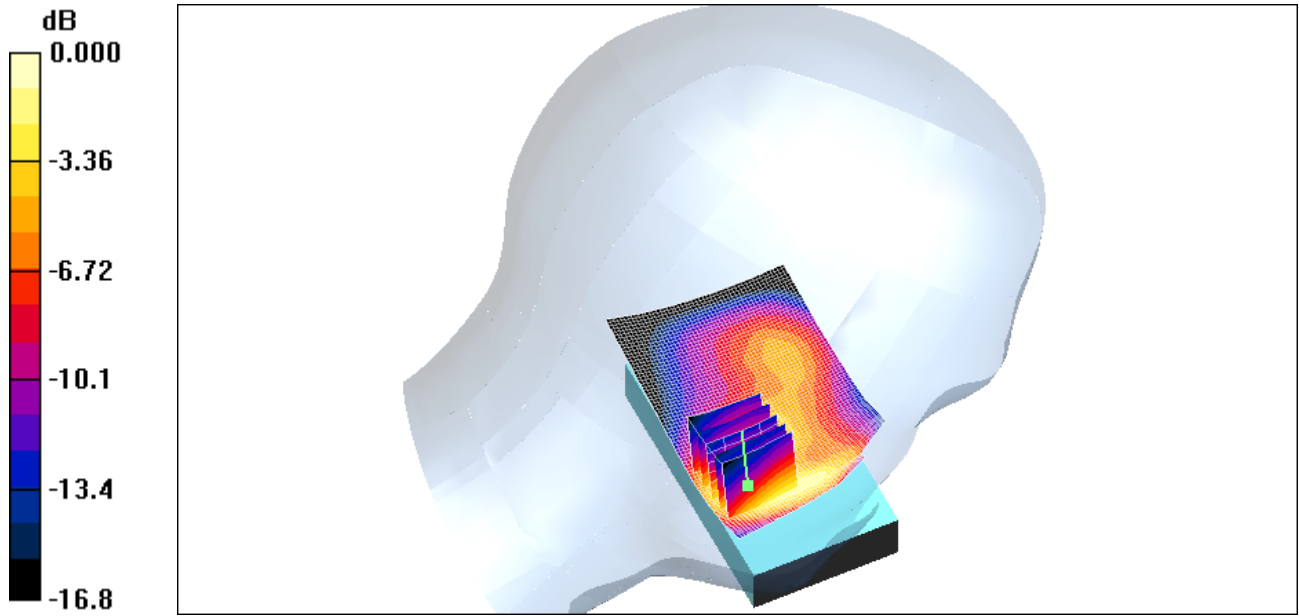
Reference Value = 9.14 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 0.829 mW/g

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0 dB = 0.829mW/g

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Date/Time: 09/03/2009 6:37:42 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_Tilt_EDGE1900_2slots_high_chan_amb_temp_23.4_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: EDGE 1900 (2slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 0.355 mW/g

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

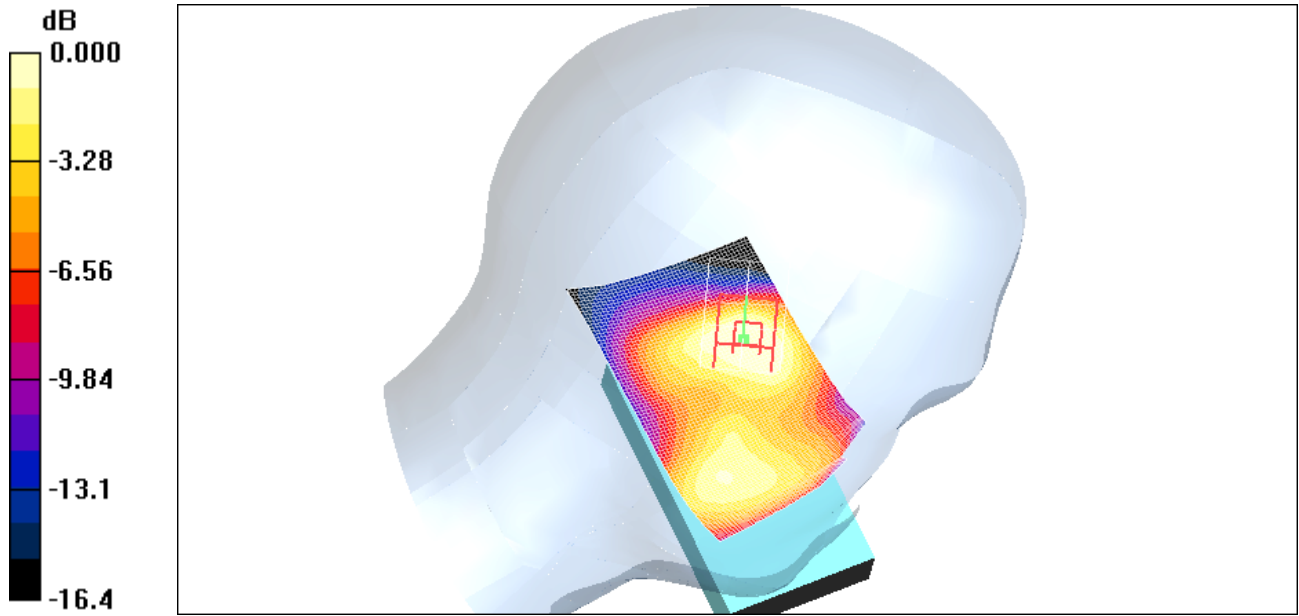
Reference Value = 12.6 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.304 mW/g

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0 dB = 0.304mW/g

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Date/Time: 09/03/2009 7:56:02 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_2slots_low_chan_amb_temp_23.5_liq_temp_21.7C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 1900 (2slots); Frequency: 1850.2 MHz; Duty Cycle: 1:4.2

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 0.961 mW/g

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

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

Reference Value = 11.4 V/m; Power Drift = -0.163 dB

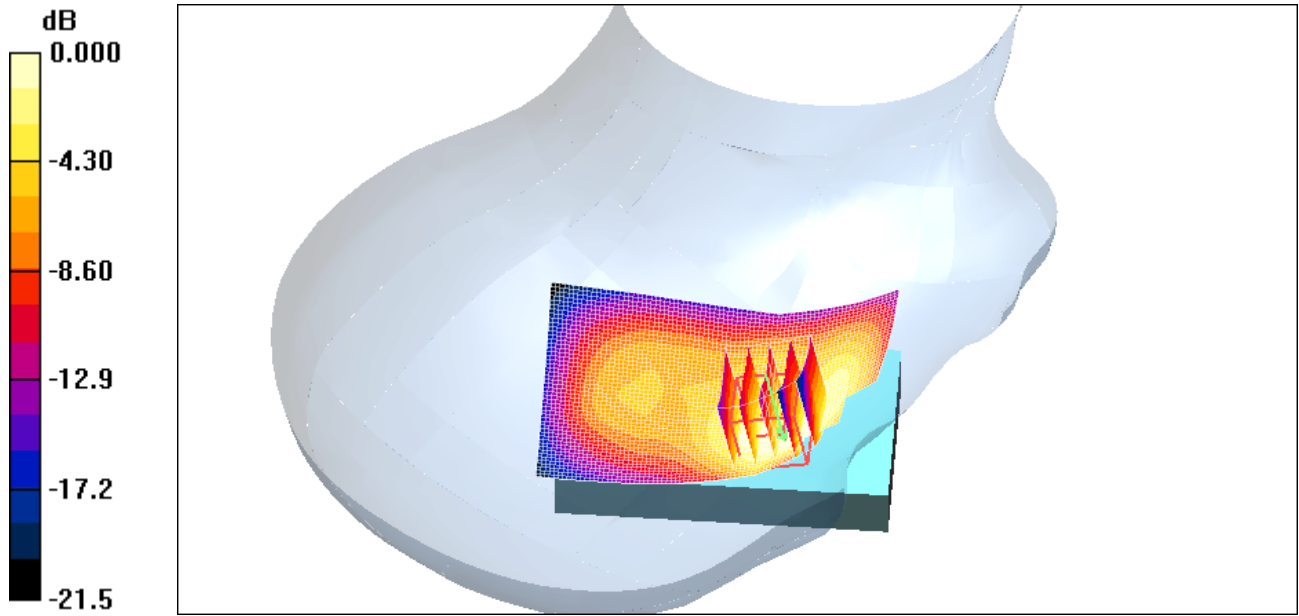
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.449 mW/g

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

Maximum value of SAR (measured) = 0.811 mW/g

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0 dB = 0.811mW/g

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Date/Time: 09/03/2009 8:11:48 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_2slots_mid_chan_amb_temp_23.5_liq_temp_21.8C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 1900 (2slots); 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/m³
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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

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

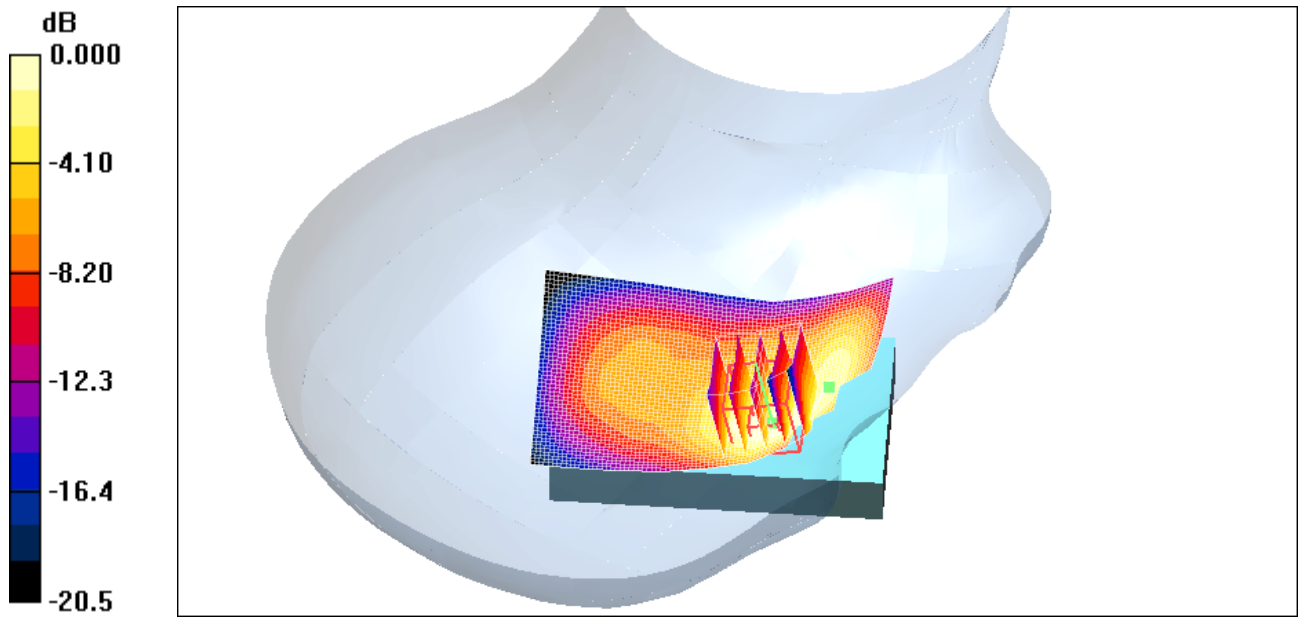
Reference Value = 11.1 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.496 mW/g

Maximum value of SAR (measured) = 0.888 mW/g

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0 dB = 0.888mW/g

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Date/Time: 09/03/2009 8:26:57 PM

Test Laboratory: RTS

File Name:

[RightHandSide_EDGE1900_2slots_high_chan_amb_temp_23.5_liq_temp_21.8C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: EDGE 1900 (2slots); Frequency: 1909.8 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 0.979 mW/g

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

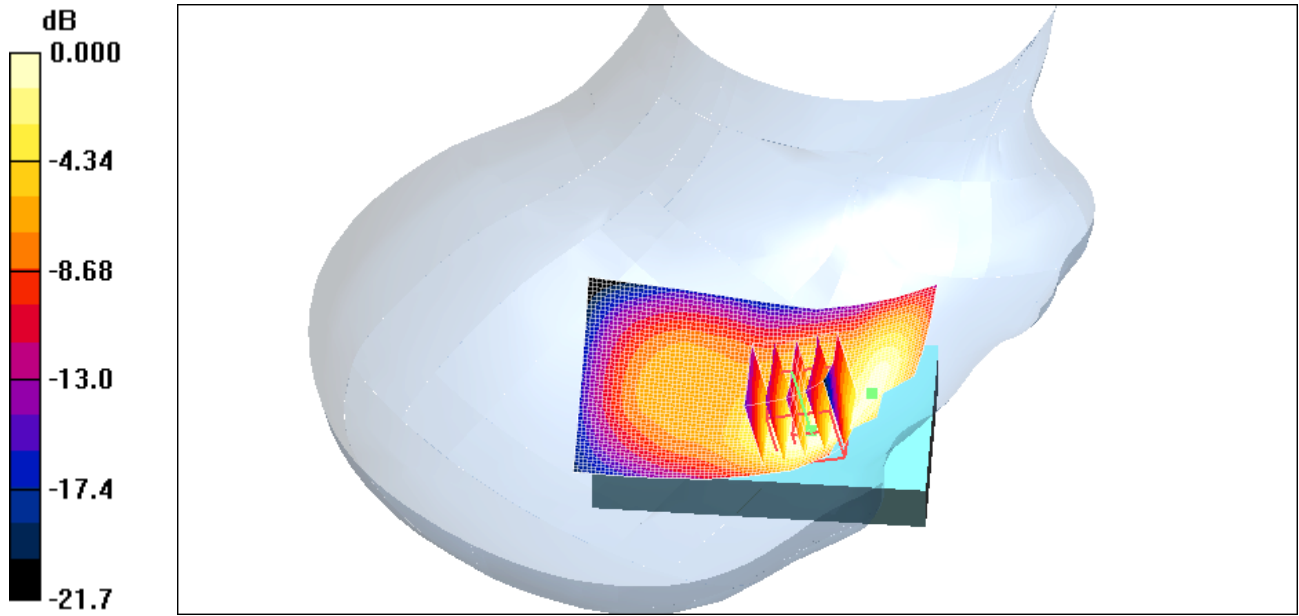
Reference Value = 10.8 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.475 mW/g

Maximum value of SAR (measured) = 0.860 mW/g

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0 dB = 0.860mW/g

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Date/Time: 09/03/2009 9:21:27 PM

Test Laboratory: RTS

File Name: [RightHandSide_GSM1900_mid_chan_amb_temp_23.7_liq_temp_21.9C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 0.869 mW/g

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

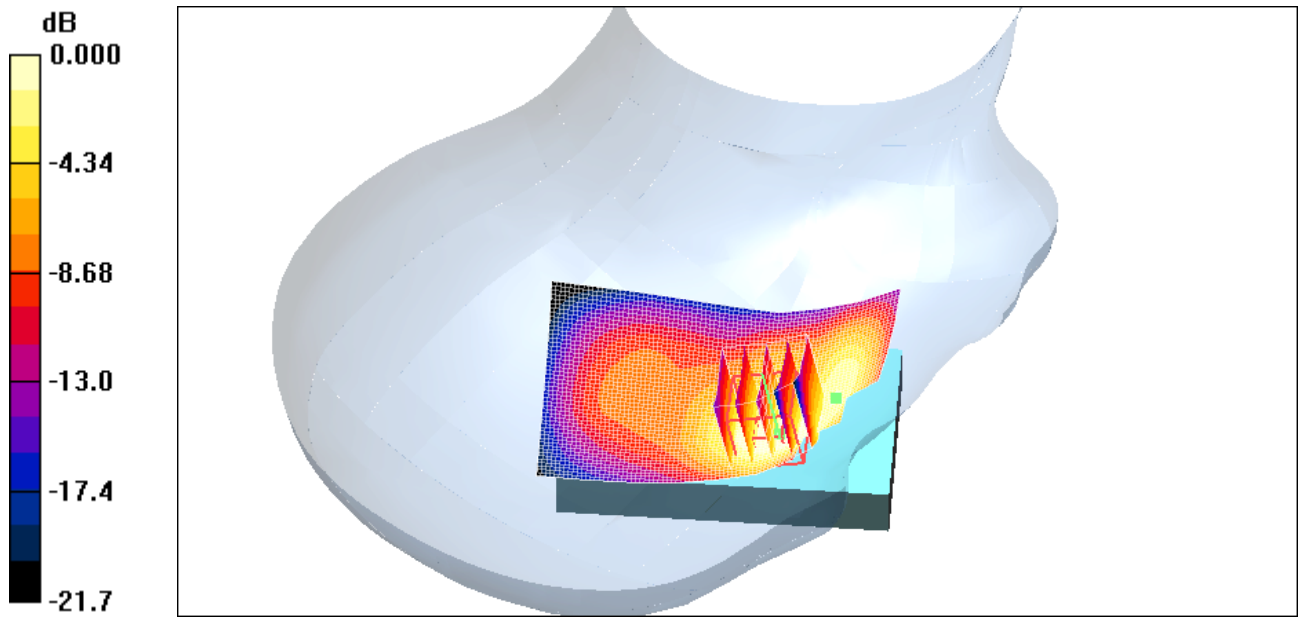
Reference Value = 8.67 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 0.749 mW/g

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0 dB = 0.749mW/g

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Date/Time: 09/03/2009 9:08:42 PM

Test Laboratory: RTS

File Name:

[RightHandSide_Tilt_EDGE1900_mid_chan_amb_temp_23.7_liq_temp_22.0C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (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/m³
Phantom section: Right Section

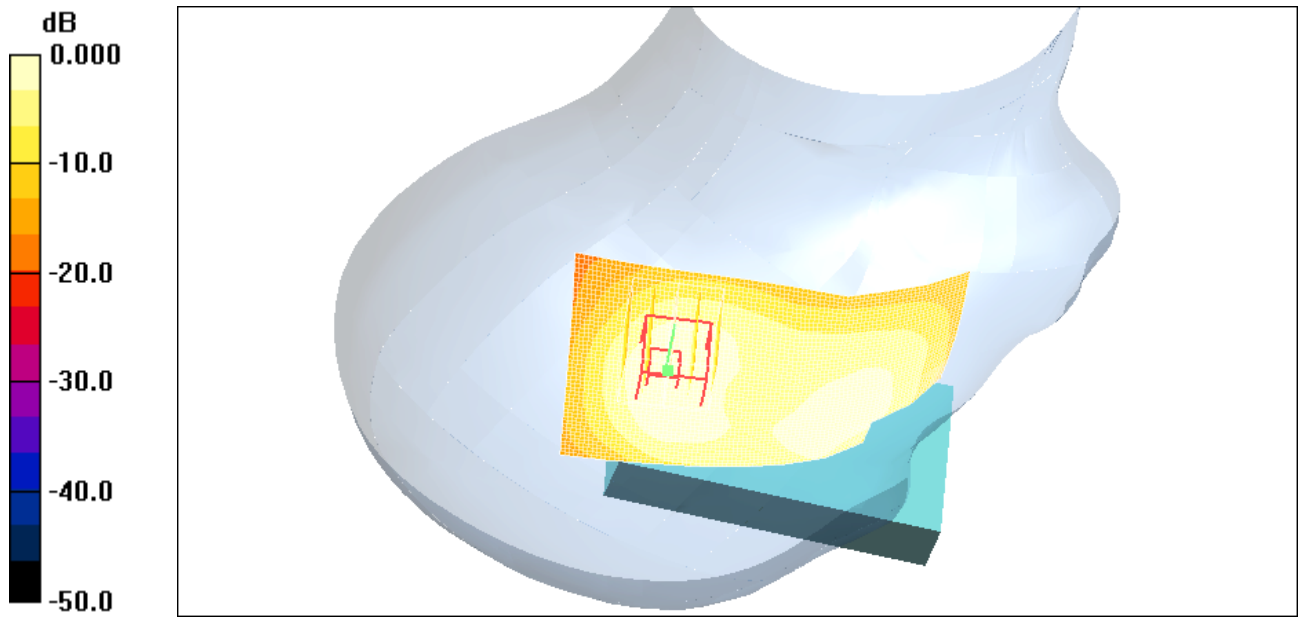
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(5.14, 5.14, 5.14); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.256 mW/g

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm,
dy=15mm
Maximum value of SAR (interpolated) = 0.294 mW/g

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0 dB = 0.294mW/g

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Date/Time: 17/03/2009 12:38:04 PM

Test Laboratory: RTS

File Name: [LeftHandSide_CDMA800_low_chan_amb_temp_23.5_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: CDMA 800; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825$ MHz; $\sigma = 0.853$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 1.24 mW/g

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

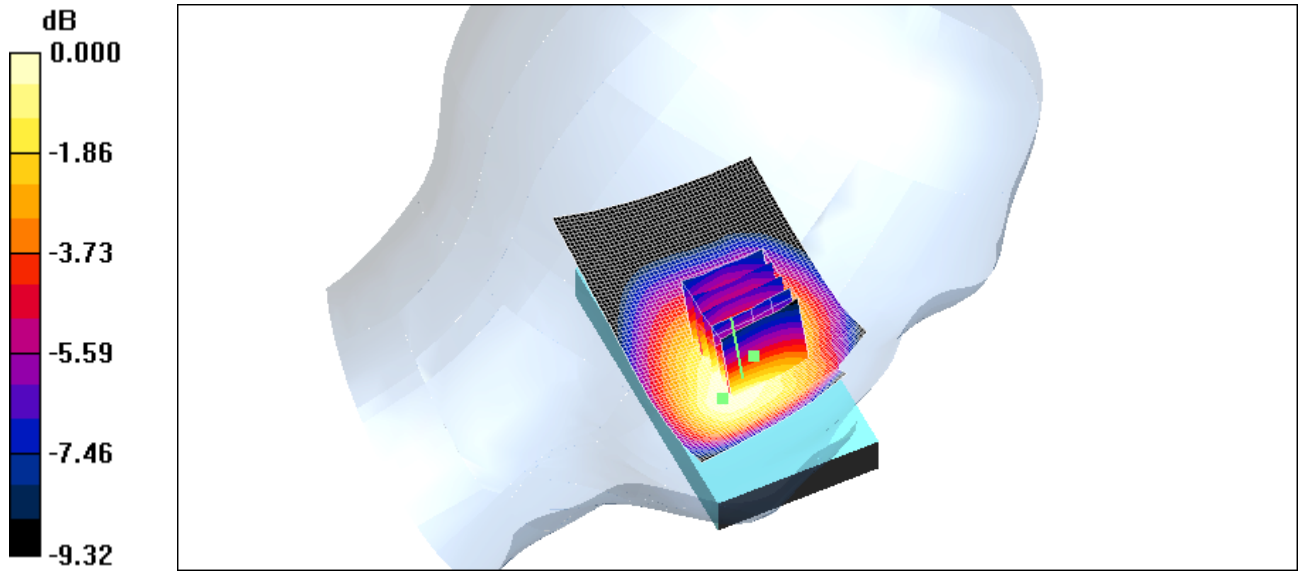
Reference Value = 13.3 V/m; Power Drift = -0.509 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.844 mW/g

Maximum value of SAR (measured) = 1.21 mW/g

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0 dB = 1.21mW/g

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File Name: [LeftHandSide_CDMA800_mid_chan_amb_temp_23.8_liq_temp_22.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: CDMA 800; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.865 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - Middle/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) = 1.10 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m; Power Drift = -0.296 dB

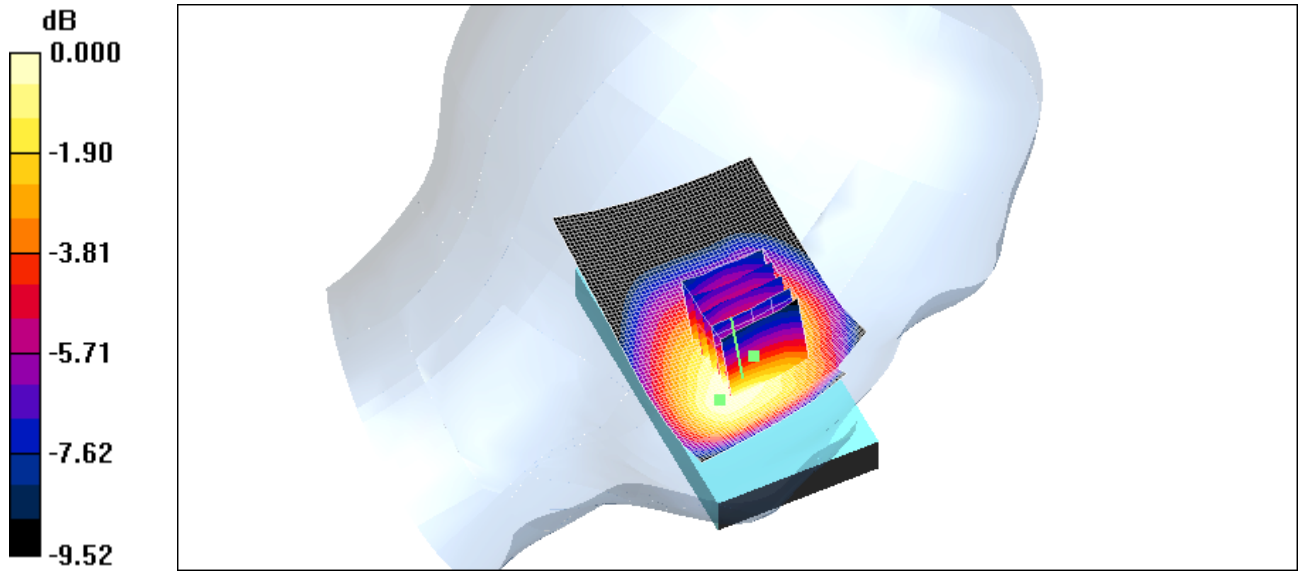
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.742 mW/g

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

Maximum value of SAR (measured) = 1.10 mW/g

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0 dB = 1.10mW/g

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Date/Time: 17/03/2009 2:12:20 PM

Test Laboratory: RTS

File Name: [LeftHandSide_CDMA800_high_chan_amb_temp_24.1_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: (Left-Hand Side)

Communication System: CDMA 800; Frequency: 848.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.52 \text{ MHz}$; $\sigma = 0.876 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.36 mW/g

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

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

Reference Value = 11.4 V/m; Power Drift = 0.033 dB

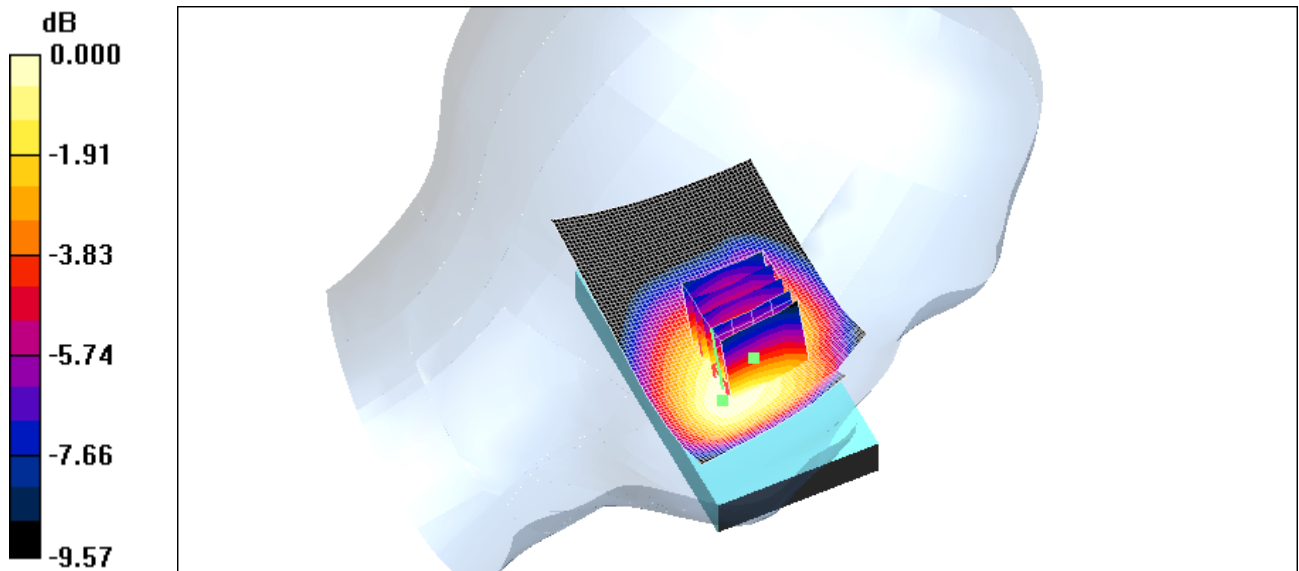
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.938 mW/g

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

Maximum value of SAR (measured) = 1.36 mW/g

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0 dB = 1.36mW/g

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Date/Time: 17/03/2009 2:27:36 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_Tilt_CDMA800_high_chan_amb_temp_23.9_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13

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

Communication System: CDMA 800; Frequency: 848.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 848.52 \text{ MHz}$; $\sigma = 0.876 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - High/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) = 0.714 mW/g

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

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

Reference Value = 17.1 V/m; Power Drift = -0.010 dB

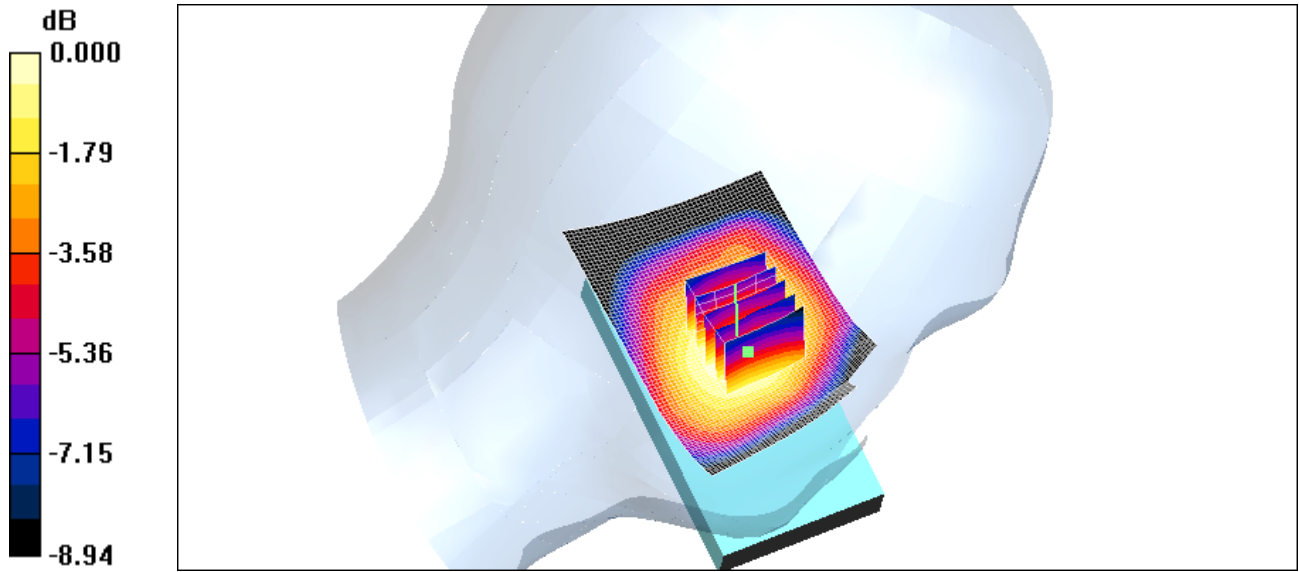
Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.508 mW/g

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

Maximum value of SAR (measured) = 0.704 mW/g

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0 dB = 0.704mW/g

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Date/Time: 17/03/2009 10:01:33 AM

Test Laboratory: RTS

File Name: [RightHandSide_CDMA800_low_chan_amb_temp_23.0_liq_temp_22.4C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 800; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.853 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 1.38 mW/g

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

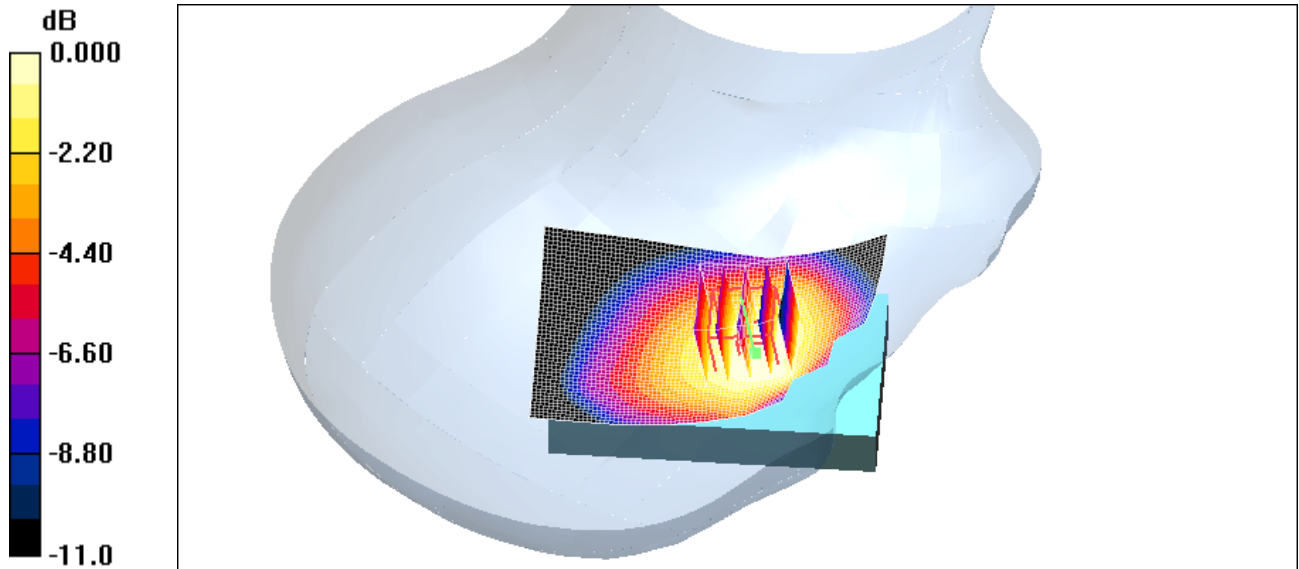
Reference Value = 14.7 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.983 mW/g

Maximum value of SAR (measured) = 1.41 mW/g

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0 dB = 1.41mW/g

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Date/Time: 17/03/2009 10:27:23 AM

Test Laboratory: RTS

File Name: [RightHandSide_CDMA800_mid_chan_amb_temp_23.5_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 800; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.865$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.23 mW/g

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

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

Reference Value = 13.9 V/m; Power Drift = -0.297 dB

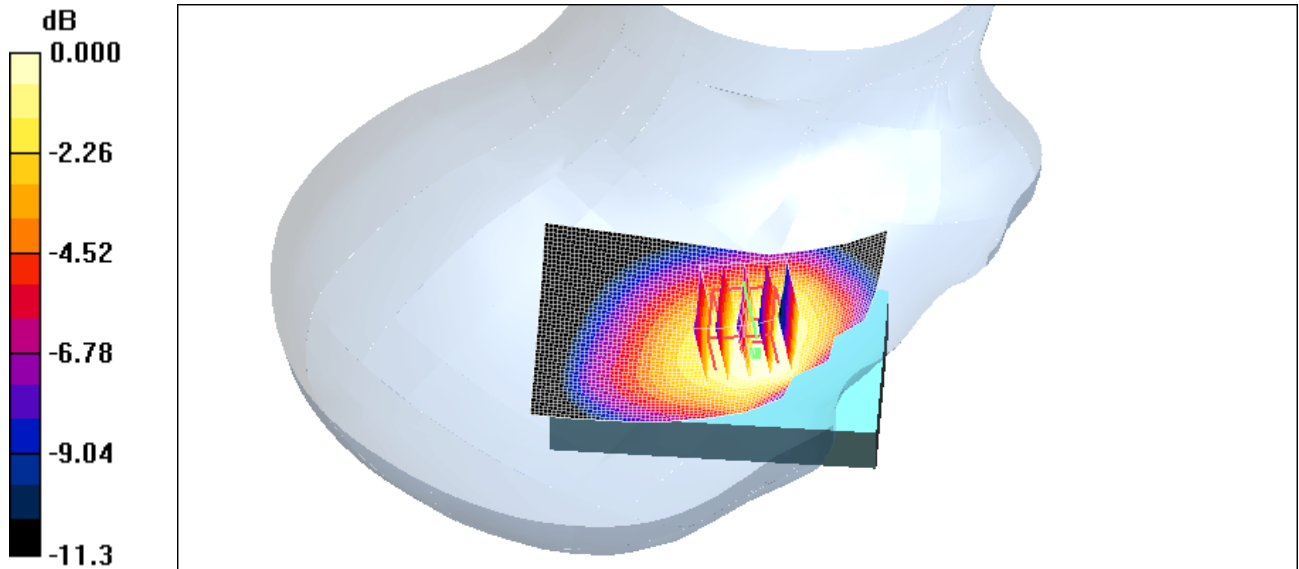
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.862 mW/g

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

Maximum value of SAR (measured) = 1.23 mW/g

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0 dB = 1.23mW/g

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Date/Time: 17/03/2009 10:42:00 AM

Test Laboratory: RTS

File Name:

[RightHandSide_CDMA800_high_chan_amb_temp_23.3_liq_temp_22.3C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 800; Frequency: 848.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.52$ MHz; $\sigma = 0.876$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.48 mW/g

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

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

Reference Value = 14.5 V/m; Power Drift = 0.027 dB

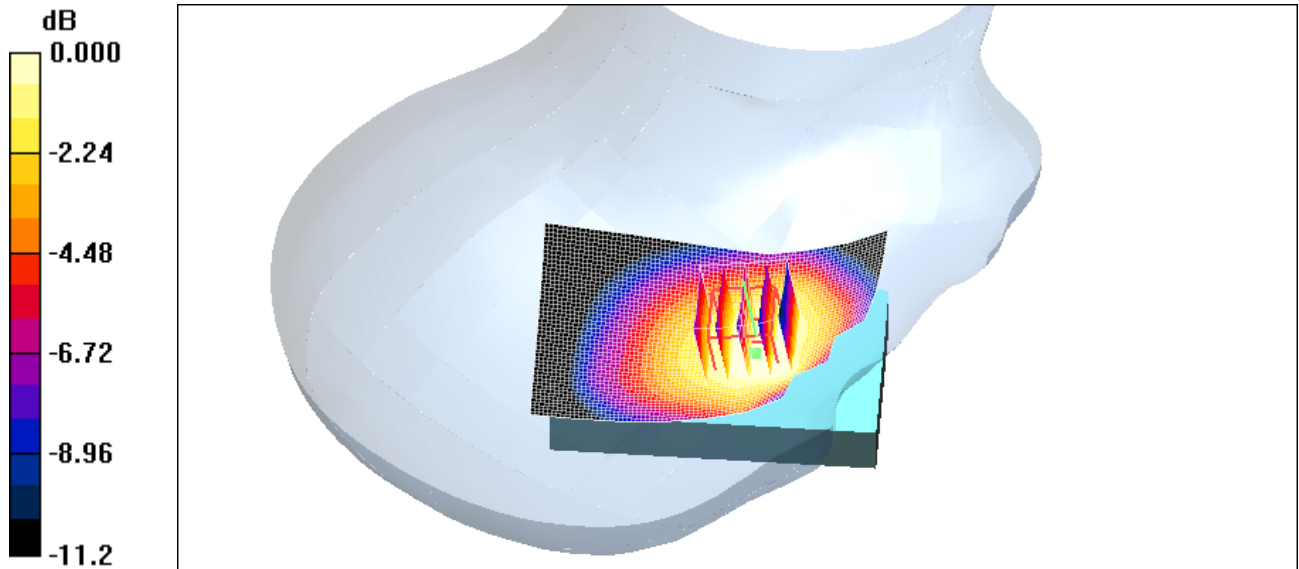
Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.42 mW/g; SAR(10 g) = 1.05 mW/g

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

Maximum value of SAR (measured) = 1.49 mW/g

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0 dB = 1.49mW/g

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Date/Time: 17/03/2009 11:12:18 AM

Test Laboratory: RTS

File Name:

[RightHandSide_Tilt_CDMA800_high_chan_amb_temp_23.9_liq_temp_22.1C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 800; Frequency: 848.52 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.52 \text{ MHz}$; $\sigma = 0.876 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

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: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Touch position - High/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) = 0.705 mW/g

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

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

Reference Value = 19.9 V/m; Power Drift = 0.025 dB

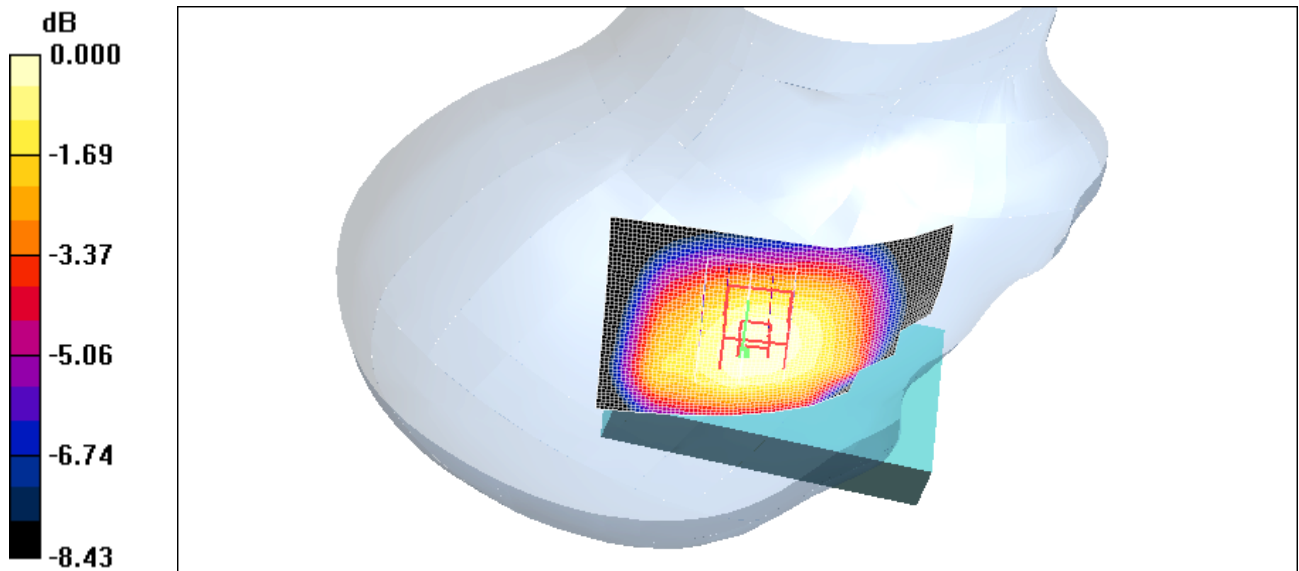
Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.517 mW/g

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

Maximum value of SAR (measured) = 0.701 mW/g

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0 dB = 0.701mW/g

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Date/Time: 10/03/2009 9:03:06 PM

Test Laboratory: RTS

File Name: [LeftHandSide_CDMA1900_low_chan_amb_temp_23.4_liq_temp_21.9C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.44 mW/g

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

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

Reference Value = 11.0 V/m; Power Drift = -0.484 dB

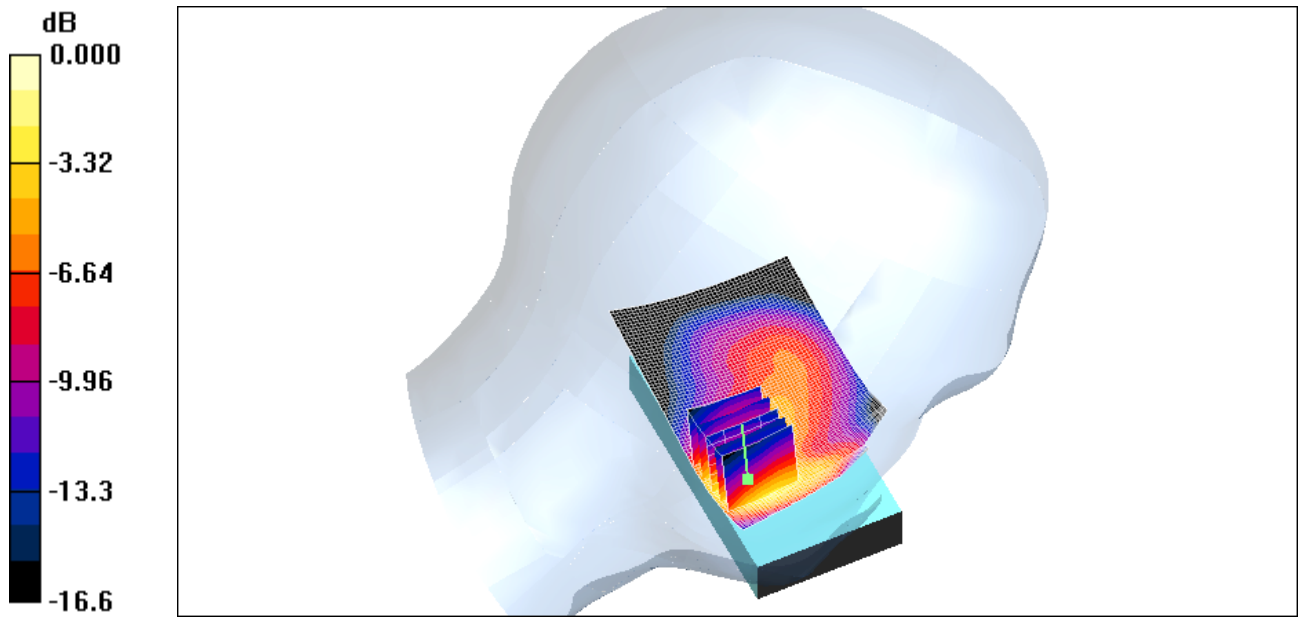
Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.726 mW/g

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

Maximum value of SAR (measured) = 1.44 mW/g

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0 dB = 1.44mW/g

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Date/Time: 10/03/2009 9:26:24 PM

Test Laboratory: RTS

File Name: [LeftHandSide_CDMA1900_mid_chan_amb_temp_24.4_liq_temp_22.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$
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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 1.37 mW/g

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

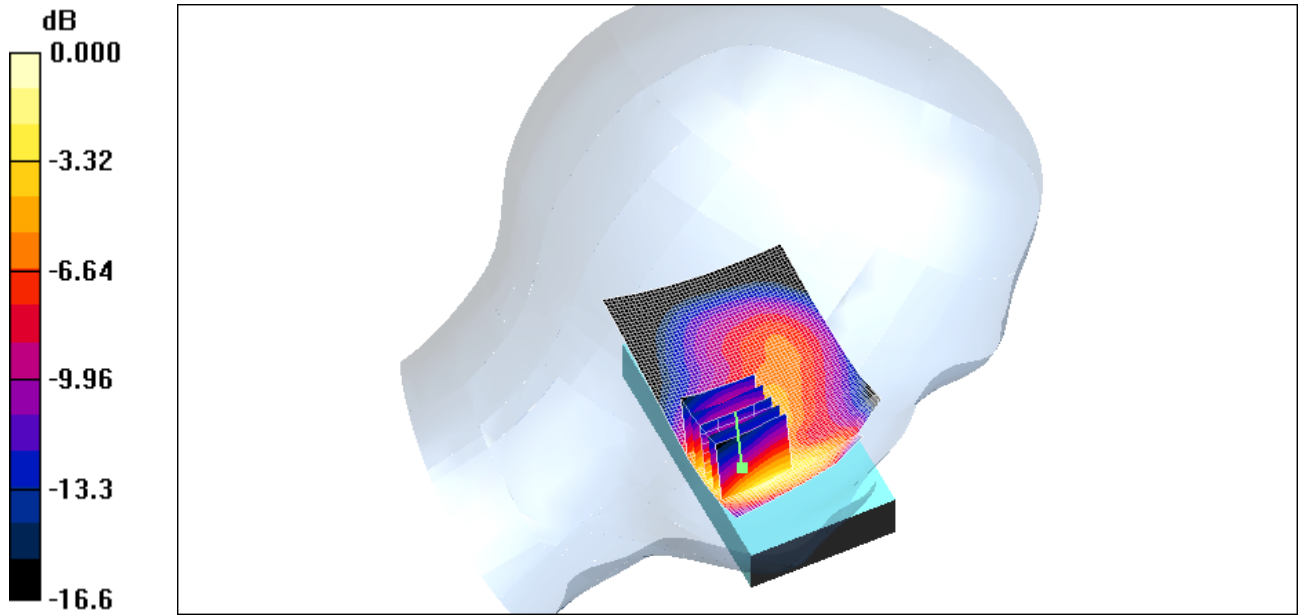
Reference Value = 10.2 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.34 mW/g

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0 dB = 1.34mW/g

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Date/Time: 10/03/2009 9:43:40 PM

Test Laboratory: RTS

File Name:

[LeftHandSide_CDMA1900_high_chan_amb_temp_24.4_liq_temp_22.6C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA 1900; Frequency: 1908.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.5 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 38.1$; $\rho = 1000 \text{ kg/m}^3$

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.43 mW/g

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

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

Reference Value = 9.34 V/m; Power Drift = -0.306 dB

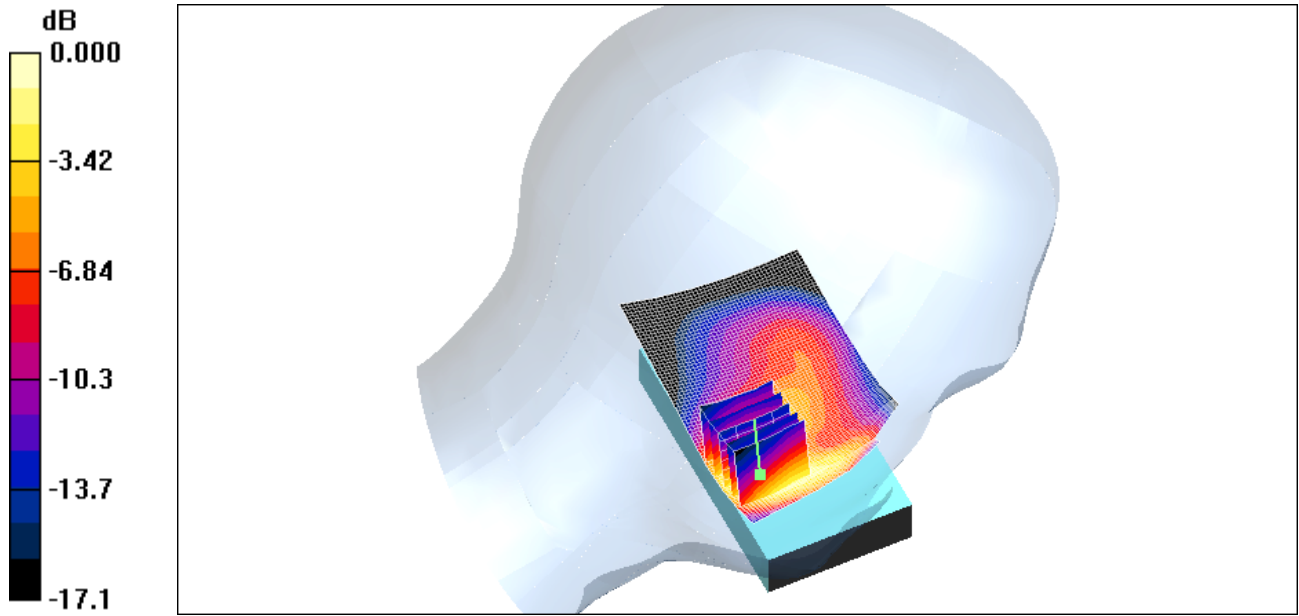
Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.686 mW/g

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

Maximum value of SAR (measured) = 1.37 mW/g

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0 dB = 1.37mW/g

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Date/Time: 10/03/2009 10:01:13 PM

Test Laboratory: RTS

File Name:

[LeftHandSide Tilt CDMA1900_low_chan_amb_temp_24.6_liq_temp_22.8C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Left-Hand Side)

Communication System: CDMA 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 0.439 mW/g

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

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

Reference Value = 15.6 V/m; Power Drift = 0.127 dB

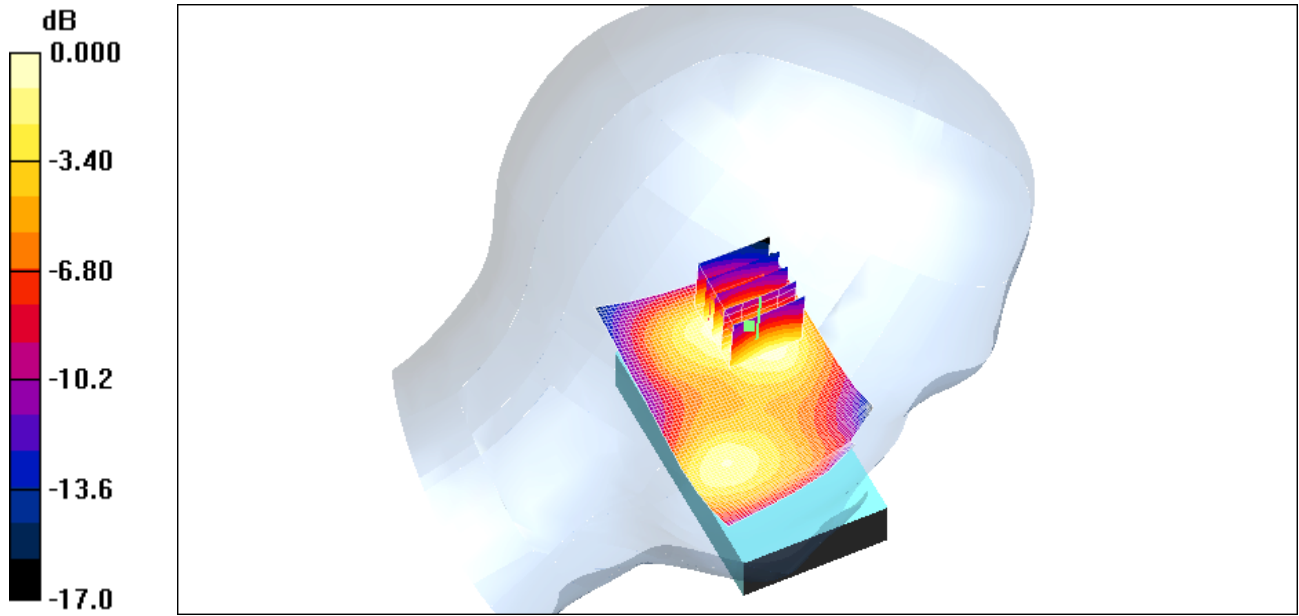
Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.236 mW/g

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

Maximum value of SAR (measured) = 0.395 mW/g

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0 dB = 0.395mW/g

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Date/Time: 10/03/2009 10:28:24 PM

Test Laboratory: RTS

File Name:

[RightHandSide_CDMA1900_low_chan_amb_temp_24.3_liq_temp_21.7C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.20 mW/g

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

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

Reference Value = 12.5 V/m; Power Drift = -0.363 dB

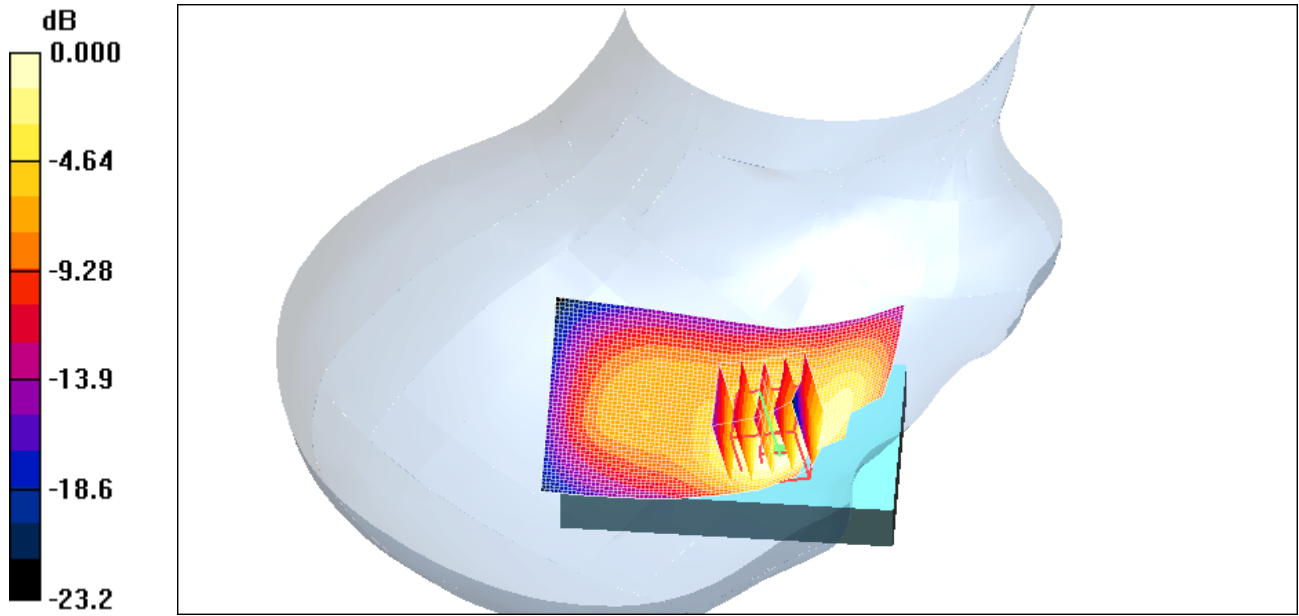
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.570 mW/g

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

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

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0 dB = 1.04mW/g

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Date/Time: 10/03/2009 11:04:15 PM

Test Laboratory: RTS

File Name:

[RightHandSide_CDMA1900_mid_chan_amb_temp_23.8_liq_temp_21.2C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³
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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of SAR (interpolated) = 1.06 mW/g

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

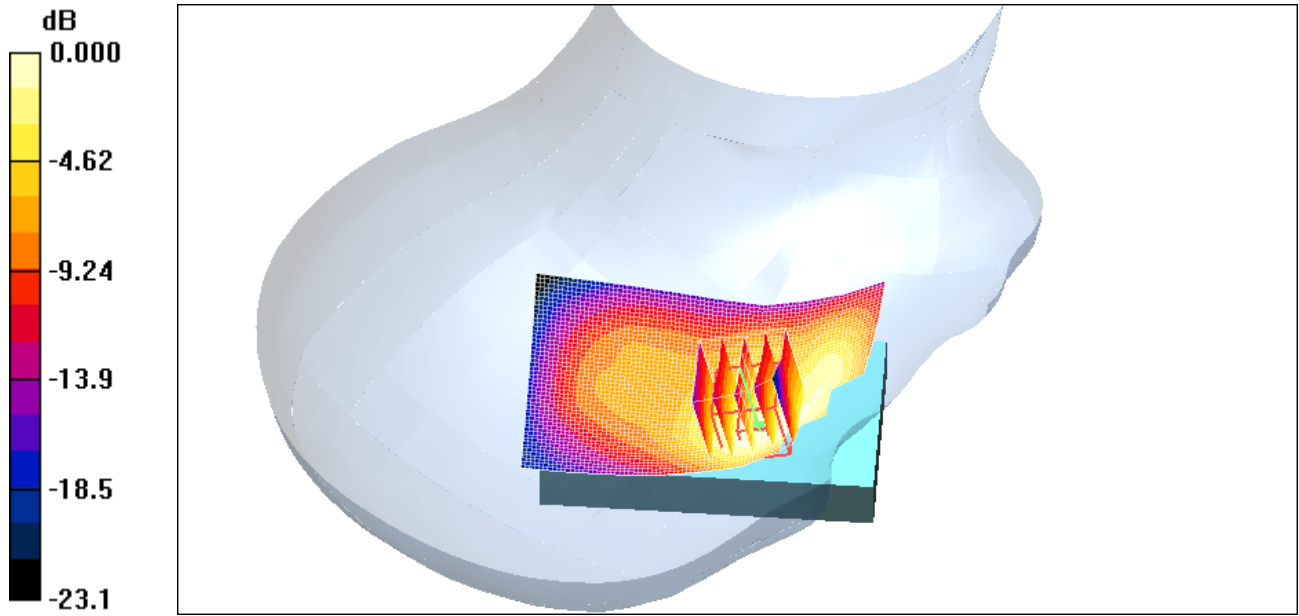
Reference Value = 10.2 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 0.928 mW/g

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0 dB = 0.928mW/g

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Date/Time: 10/03/2009 11:36:28 PM

Test Laboratory: RTS

File Name:

[RightHandSide_CDMA1900_high_chan_amb_temp_24.3_liq_temp_21.5C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 1900; Frequency: 1908.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1908.5$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 1.03 mW/g

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

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

Reference Value = 9.70 V/m; Power Drift = 0.017 dB

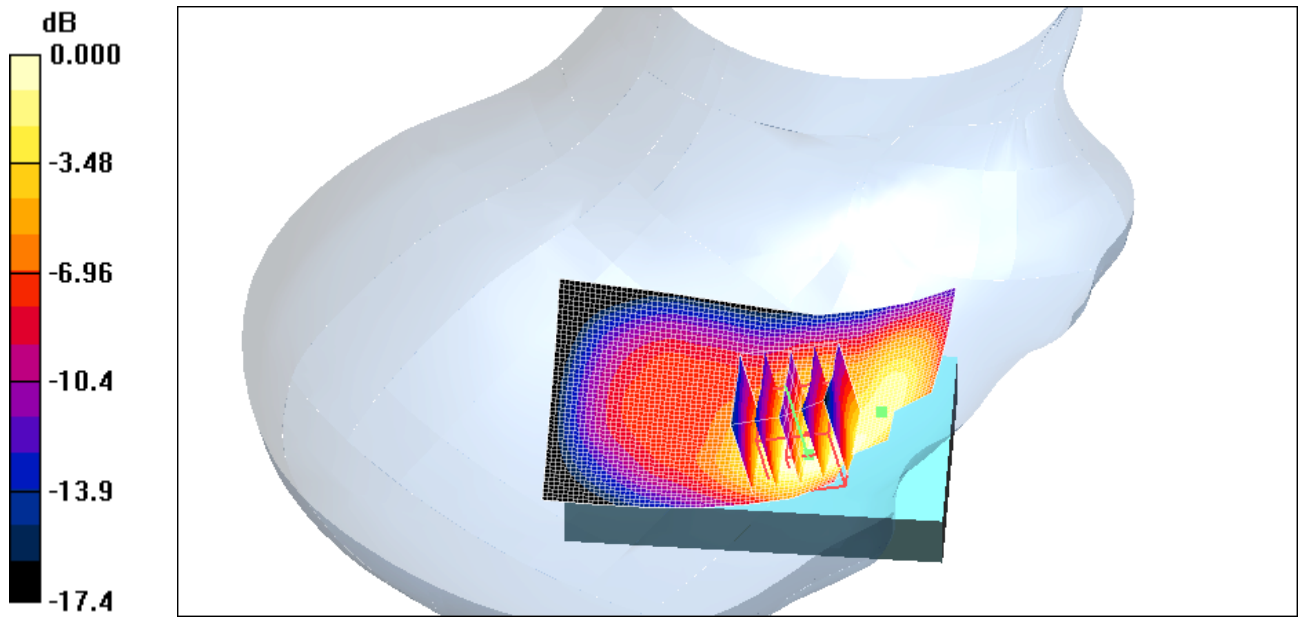
Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.500 mW/g

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

Maximum value of SAR (measured) = 0.904 mW/g

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0 dB = 0.904mW/g

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Date/Time: 10/03/2009 11:52:40 PM

Test Laboratory: RTS

File Name:

[RightHandSide_Tilt_CDMA1900_low_chan_amb_temp_24.6_liq_temp_22.1C.da4](#)

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Right-Hand Side)

Communication System: CDMA 1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1851.25 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

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 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Maximum value of SAR (interpolated) = 0.365 mW/g

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

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

Reference Value = 16.3 V/m; Power Drift = 0.064 dB

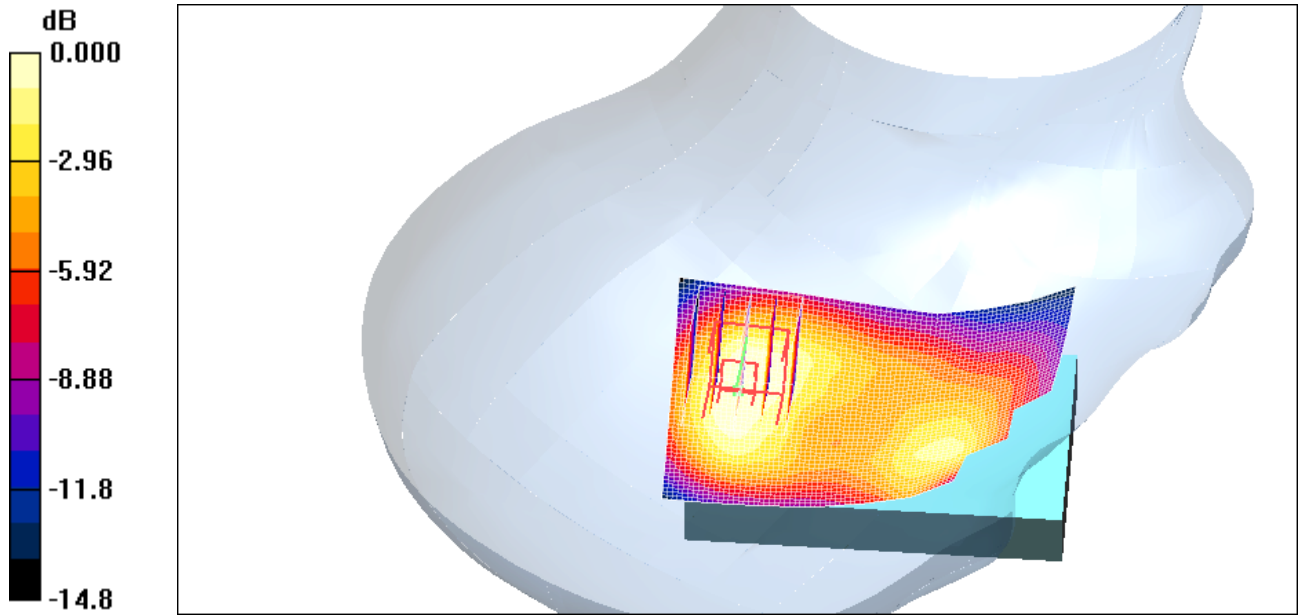
Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.200 mW/g

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

Maximum value of SAR (measured) = 0.341 mW/g

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0 dB = 0.341mW/g

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Z axis plot for the worst case head configuration:

