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	Author Data Andrew Becker	Dates of Test February 06 – March 6 , 2012	Test Report No RTS-5992-1203-12	FCC ID: L6AREV70UW

APPENDIX B1: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

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Date/Time: 2/9/2012 6:05:24 PM

Test Laboratory: RIM Testing Services

RightHandSide_EDGE850_low_chan_amb_temp_23.1C_liq_temp_20.5

C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 824.2 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 40.925$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.807 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:


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

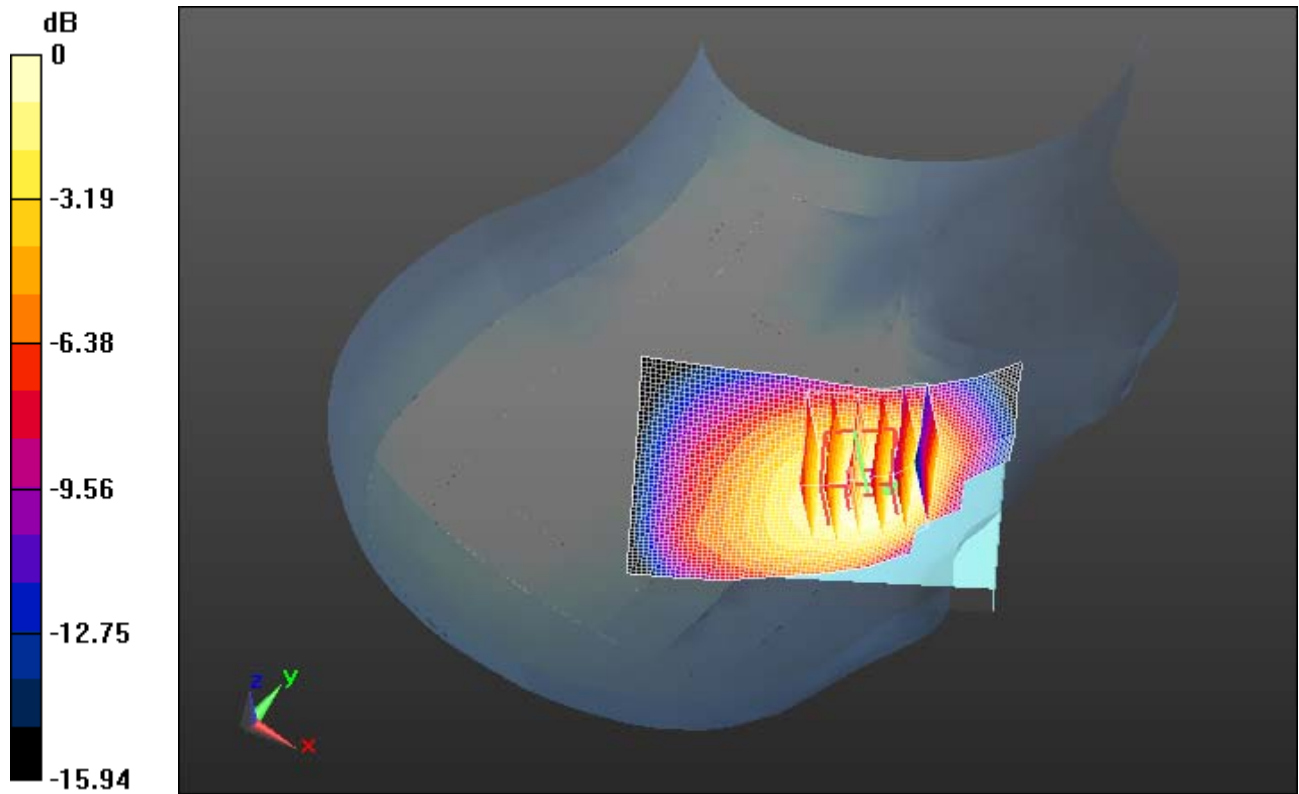
Reference Value = 11.160 V/m; Power Drift = 0.0012 dB

Peak SAR (extrapolated) = 0.9400


SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.523 mW/g

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

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0 dB = 0.810mW/g = -1.83 dB mW/g

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Date/Time: 2/9/2012 5:38:36 PM

Test Laboratory: RIM Testing Services

**RightHandSide_EDGE850_mid_chan_amb_temp_23.2C_liq_temp_20.5
C**

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.809$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/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) = 1.008 mW/g

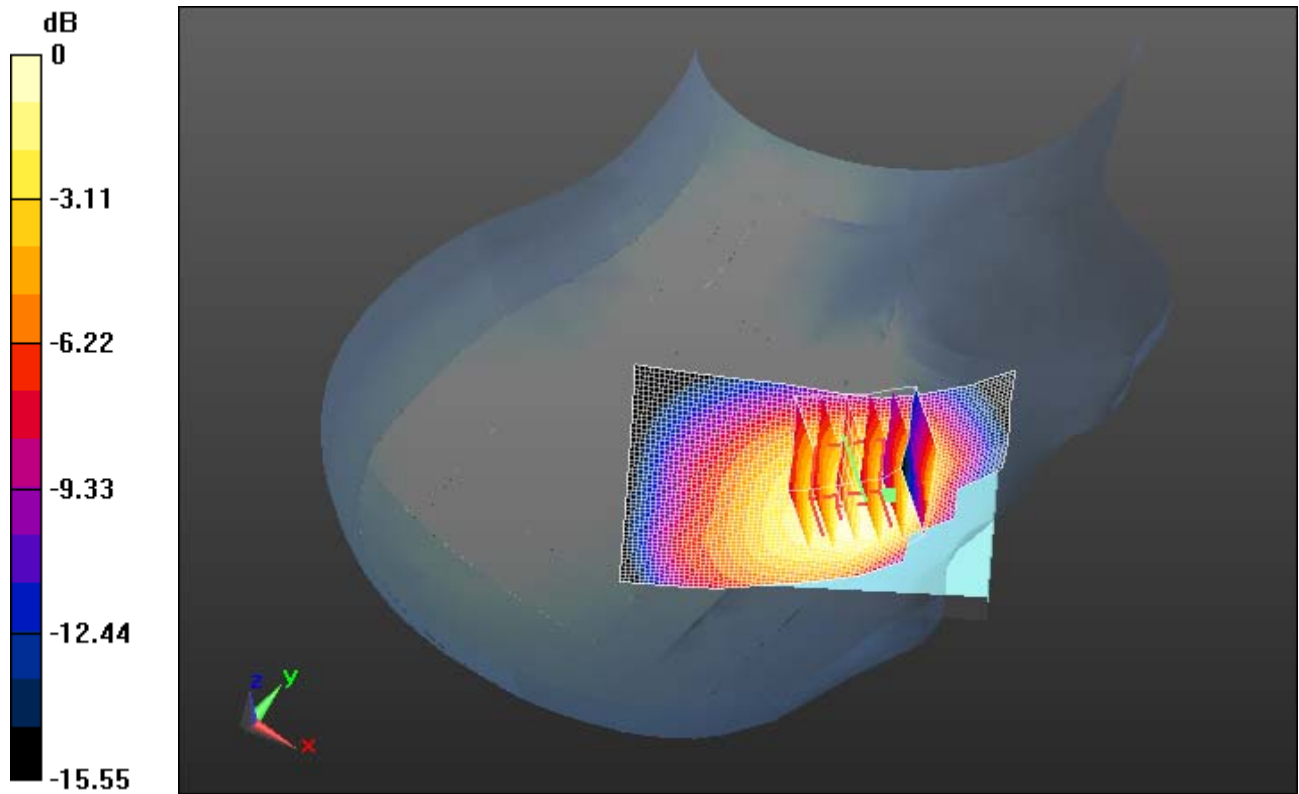
Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 11.331 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.1800
SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.641 mW/g


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

Maximum value of SAR (measured) = 0.989 mW/g

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0 dB = 0.990mW/g = -0.09 dB mW/g

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Test Laboratory: RIM Testing Services

**RightHandSide_EDGE850_high_chan_amb_temp_23.2C_liq_temp_20.5
C**

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 848.8 MHz
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 40.647$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 1.174 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 13.059 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.3770
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.758 mW/g

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

Maximum value of SAR (measured) = 1.170 mW/g

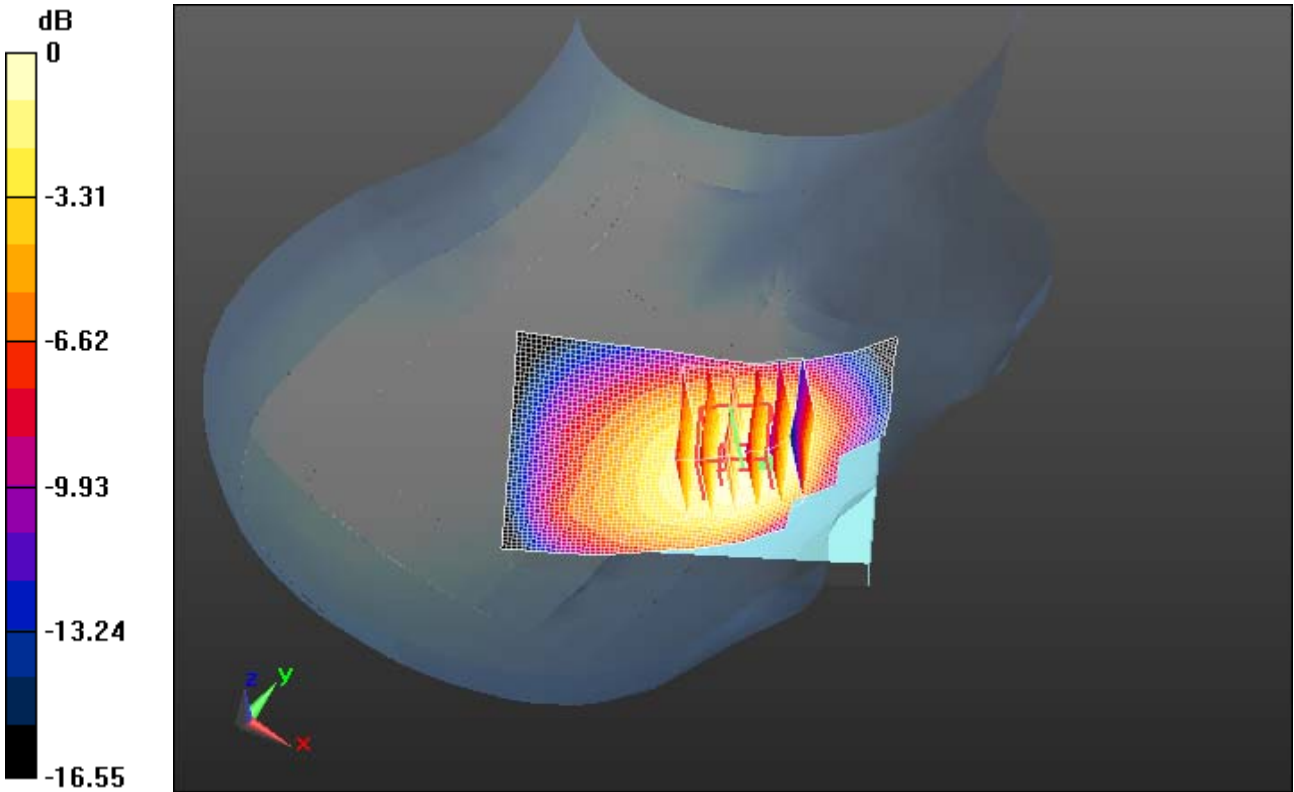
Author Data
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0 dB = 1.170mW/g = 1.36 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_Tilt_EDGE850_mid_chan_amb_temp_22.8C_liq_temp_2 0.7C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.809$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (interpolated) = 0.468 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 16.667 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.5570
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.314 mW/g

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

Maximum value of SAR (measured) = 0.477 mW/g

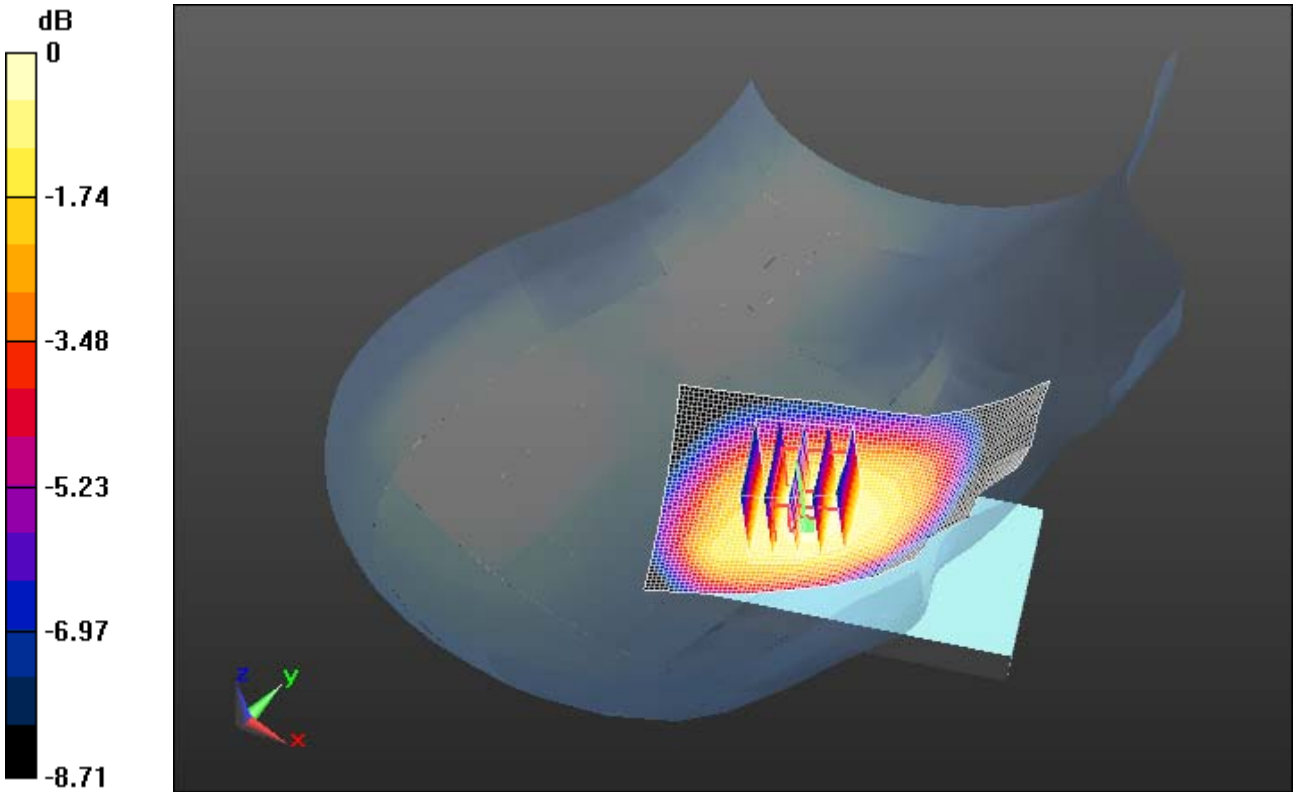
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0 dB = 0.480mW/g = -6.38 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_GSM850_high_chan_amb_temp_23.1C_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: GSM 850; Frequency: 848.8 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 40.647$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.974 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

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

Reference Value = 11.018 V/m; Power Drift = -0.0023 dB

Peak SAR (extrapolated) = 1.1320

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.615 mW/g

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

Maximum value of SAR (measured) = 0.966 mW/g

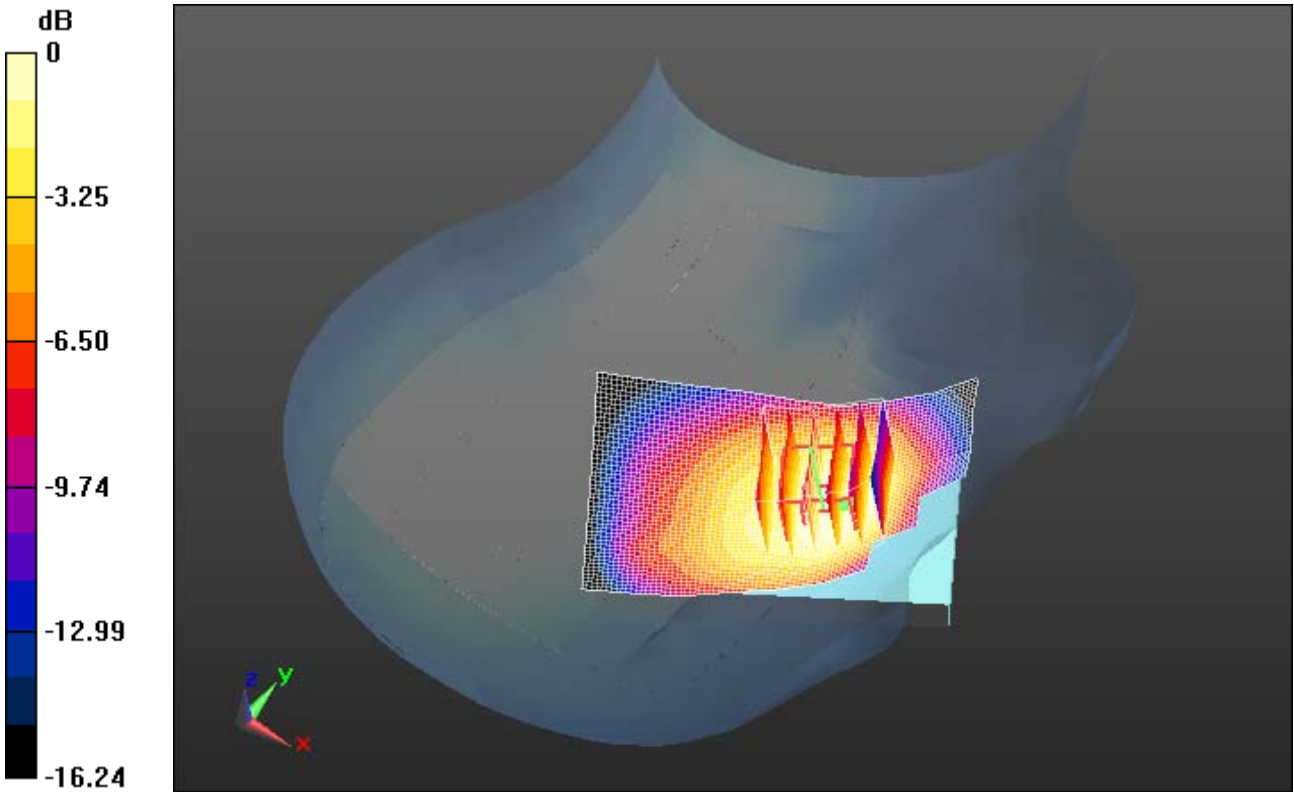
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0 dB = 0.970mW/g = -0.26 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_EDGE850_low_chan_amb_temp_23.4C_liq_temp_20.7C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 824.2 MHz
Medium parameters used: $f = 825$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 40.925$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.767 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

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

Reference Value = 9.875 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.8990

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 0.757 mW/g

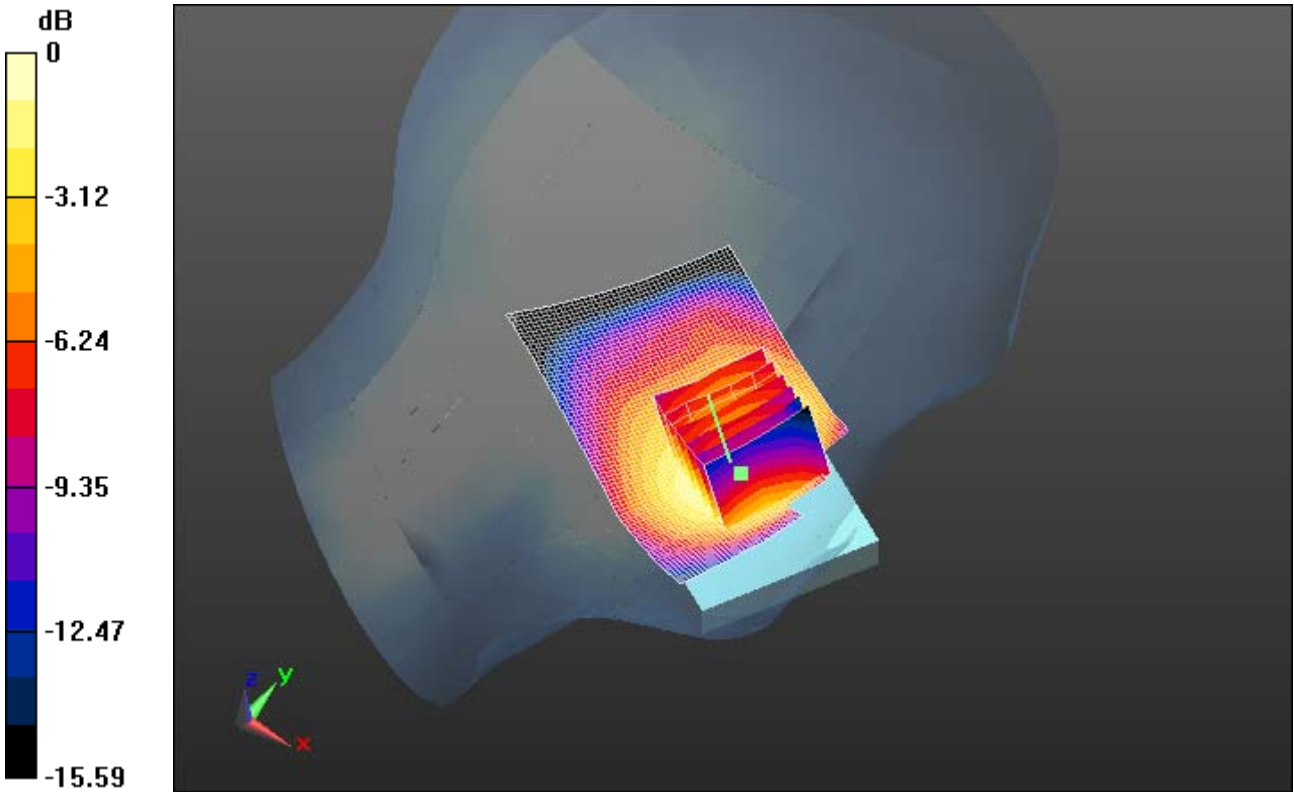
Author Data
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0 dB = 0.760mW/g = -2.38 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_EDGE850_mid_chan_amb_temp_23.5C_liq_temp_20.6C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.809$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.912 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 10.643 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.0690
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.573 mW/g

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

Maximum value of SAR (measured) = 0.887 mW/g

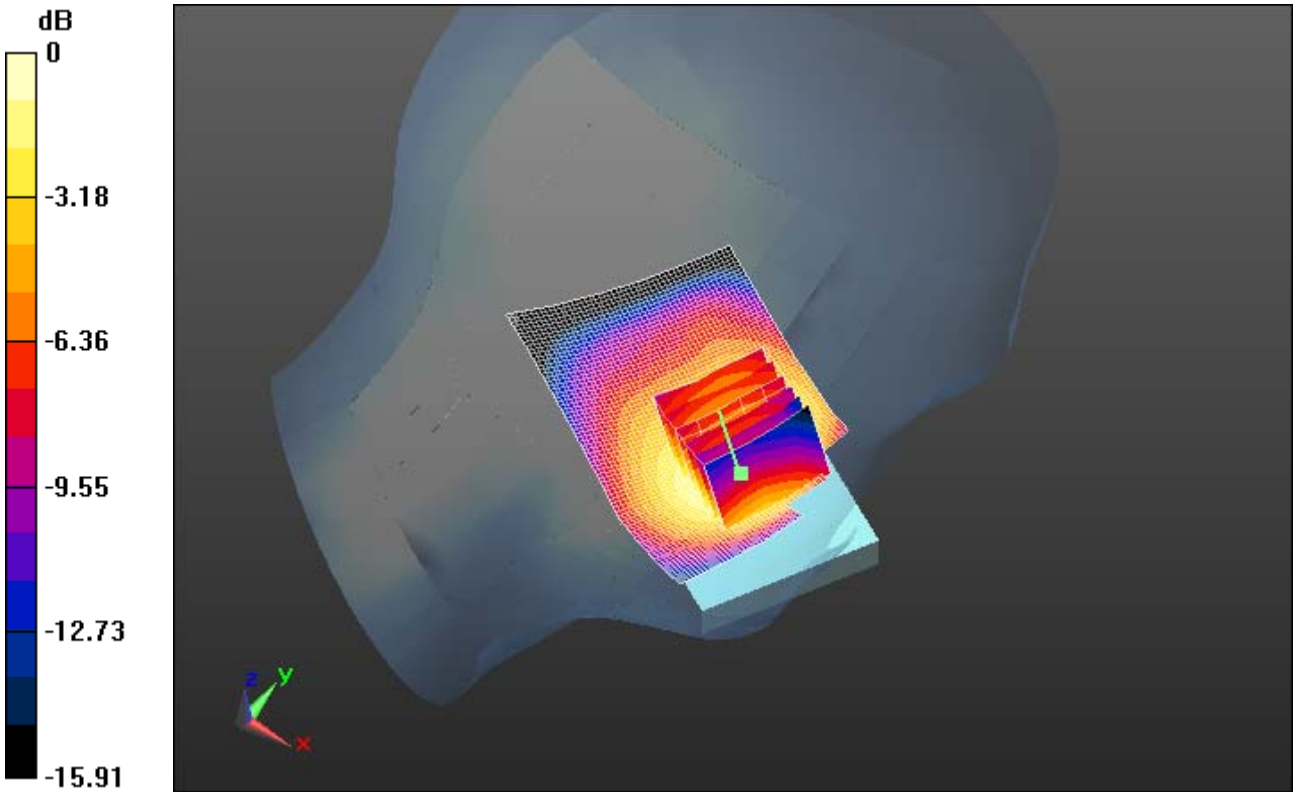
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0 dB = 0.890mW/g = -1.01 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_EDGE850_high_chan_amb_temp_23.5C_liq_temp_20.6C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 848.8 MHz
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 40.647$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 1.115 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

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

Reference Value = 11.411 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.3050

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.702 mW/g

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

Maximum value of SAR (measured) = 1.102 mW/g

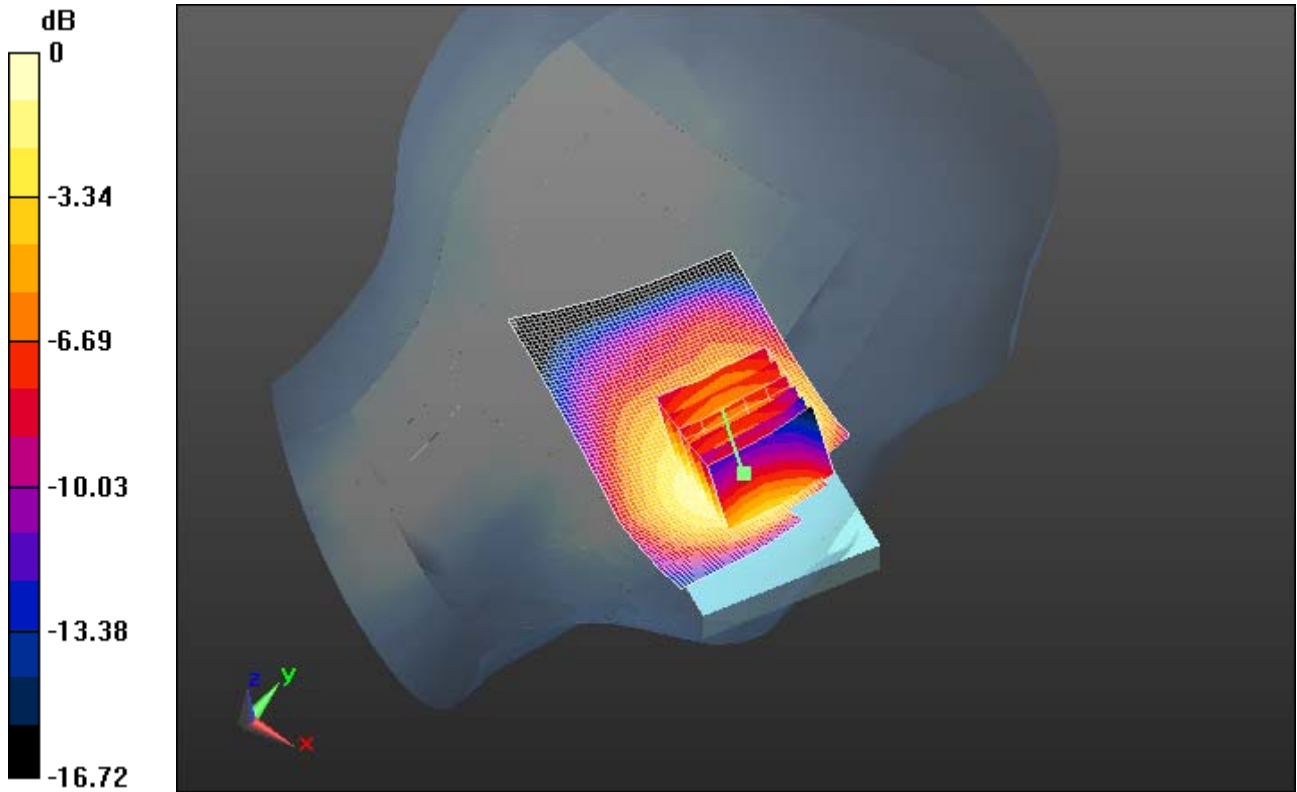
Author Data
Andrew Becker

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0 dB = 1.100mW/g = 0.83 dB mW/g

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Date/Time: 2/9/2012 4:42:02 PM

Test Laboratory: RIM Testing Services

**LeftHandSide_Tilt_EDGE850_mid_chan_amb_temp_23.2C_liq_temp_20
.5C**

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): $f = 836.8$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.809$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (interpolated) = 0.552 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 17.889 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.6320
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.367 mW/g

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

Maximum value of SAR (measured) = 0.546 mW/g

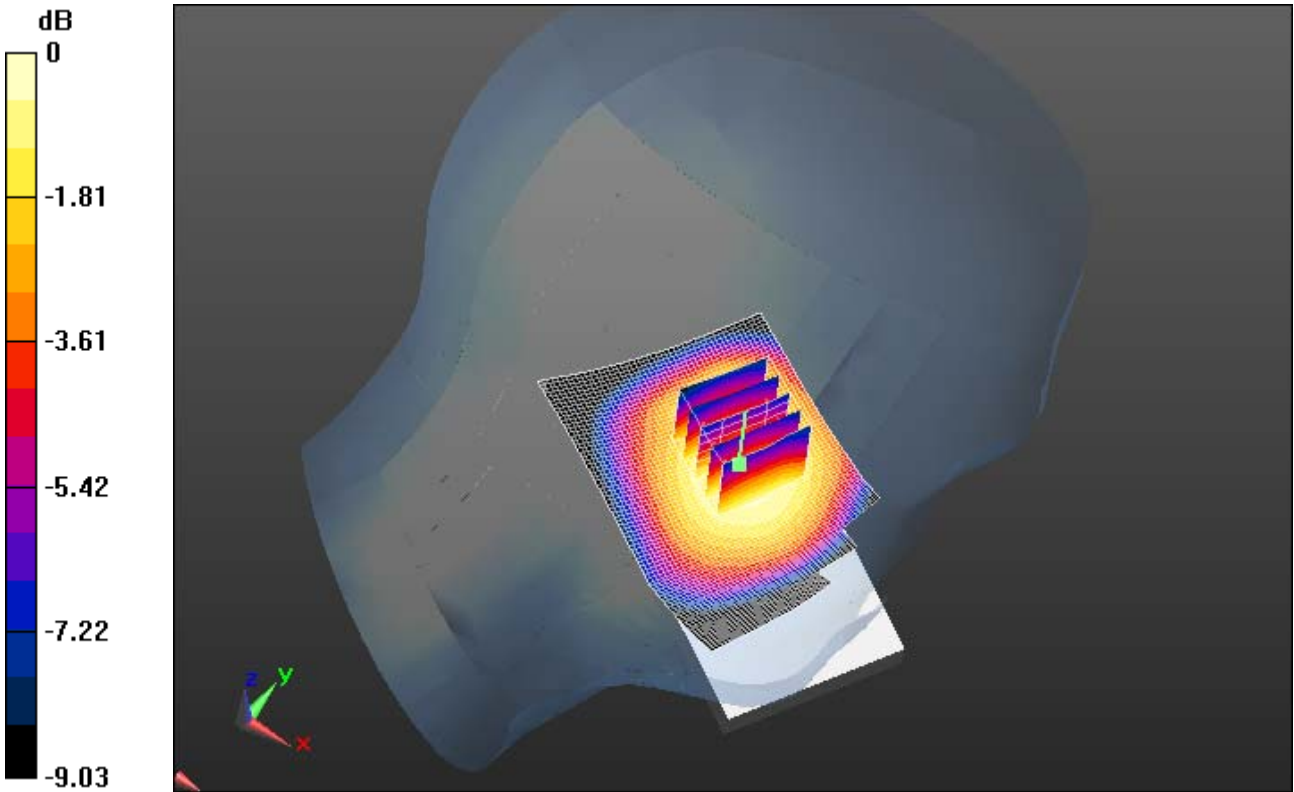
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0 dB = 0.550mW/g = -5.19 dB mW/g

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Date/Time: 2/9/2012 5:04:39 PM

Test Laboratory: RIM Testing Services

LeftHandSide_GSM850_high_chan_amb_temp_23.4C_liq_temp_20.7C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: GSM 850; Frequency: 848.8 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 40.647$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.938 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

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

Reference Value = 10.812 V/m; Power Drift = -0.29 dB

Peak SAR (extrapolated) = 1.0740

SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.586 mW/g

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

Maximum value of SAR (measured) = 0.910 mW/g

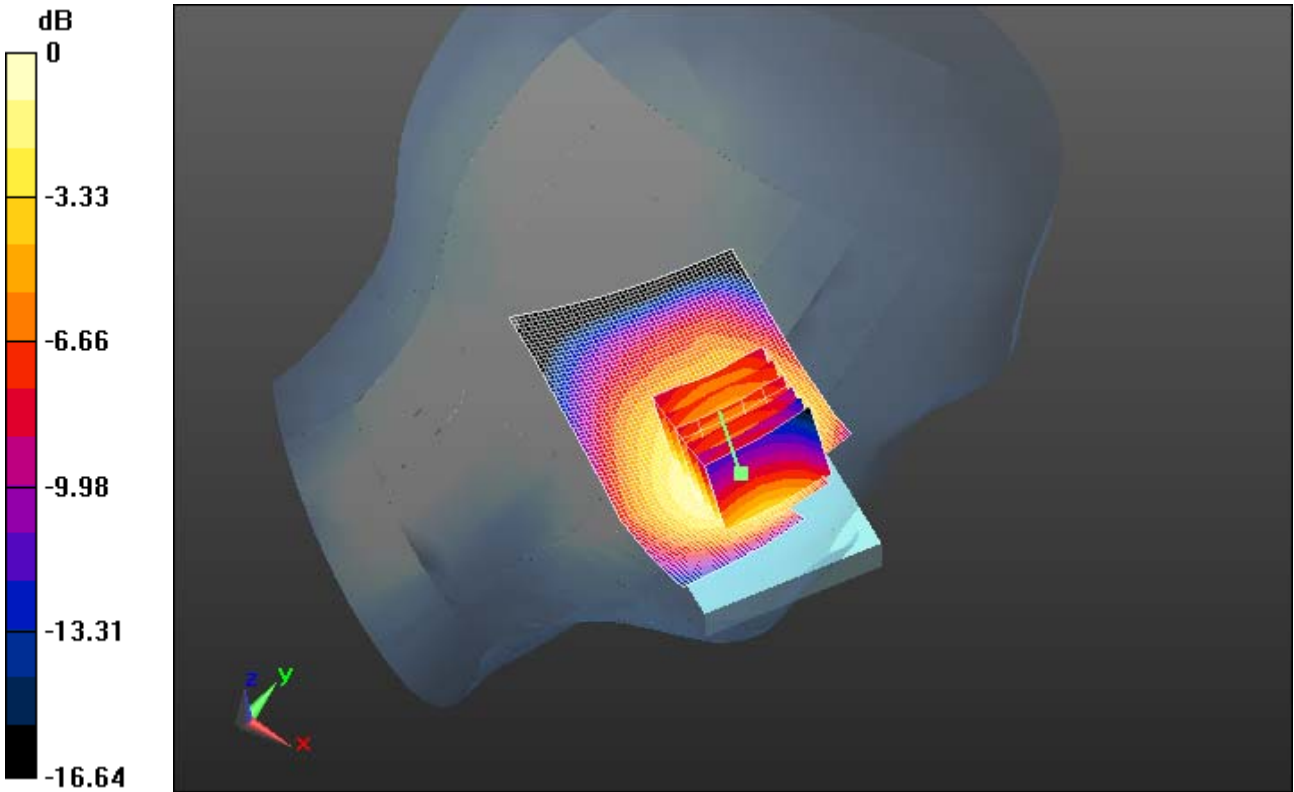
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0 dB = 0.910mW/g = -0.82 dB mW/g

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Date/Time: 2/10/2012 4:43:36 PM

Test Laboratory: RIM Testing Services

RightHandSide_UMTS_V_low_chan_amb_temp_23.1C_liq_temp_20.6C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD V; Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 40.907$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.694 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

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

Reference Value = 9.781 V/m; Power Drift = -0.25 dB

Peak SAR (extrapolated) = 0.8150

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.448 mW/g

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

Maximum value of SAR (measured) = 0.687 mW/g

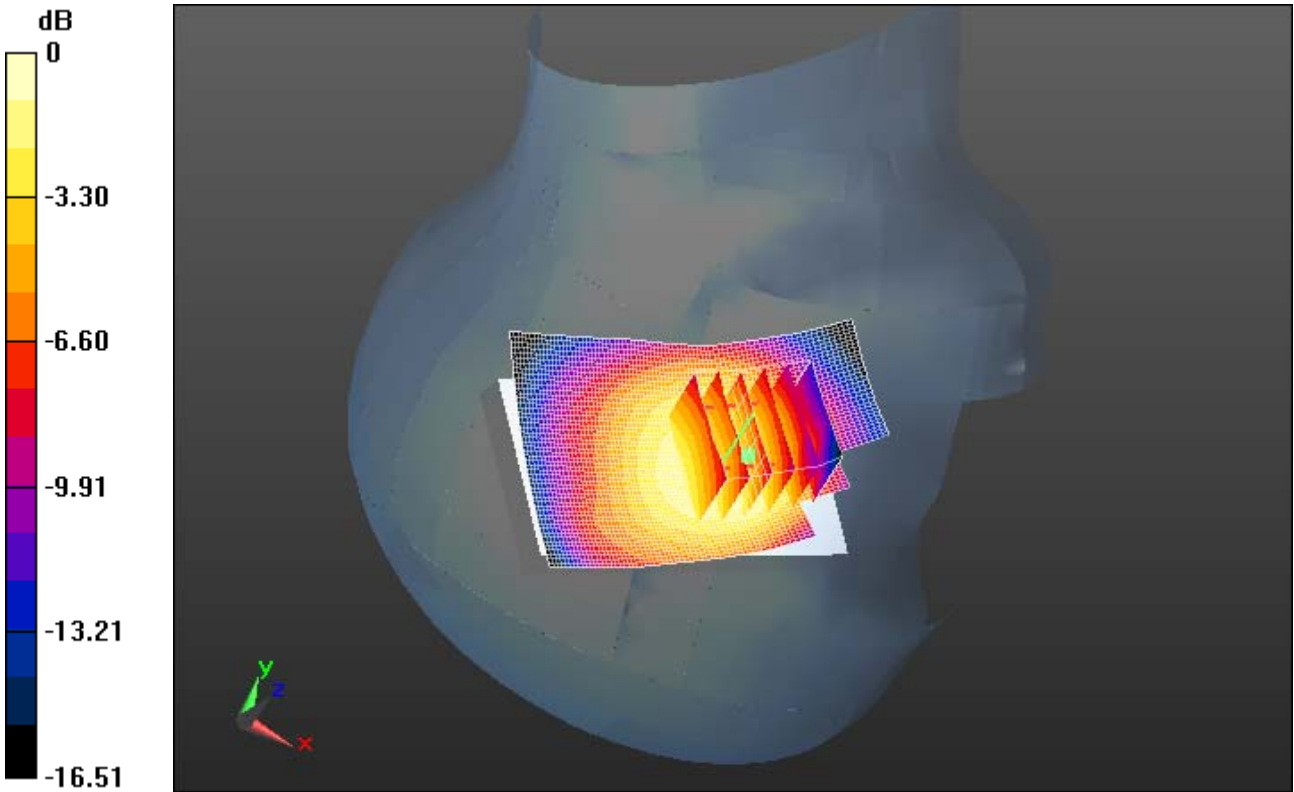
Author Data
Andrew Becker

Dates of Test
February 06 – March 6 , 2012


Test Report No
RTS-5992-1203-12

FCC ID:
L6AREV70UW

IC ID
2503A-REV70UW



0 dB = 0.690mW/g = -3.22 dB mW/g

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	Author Data Andrew Becker	Dates of Test February 06 – March 6 , 2012	Test Report No RTS-5992-1203-12	FCC ID: L6AREV70UW

Date/Time: 2/10/2012 1:51:52 PM

Test Laboratory: RIM Testing Services

RightHandSide_UMTS_V_mid_chan_amb_temp_22.9C_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD V; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.814$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.901 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

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

Reference Value = 12.121 V/m; Power Drift = 0.0043 dB

Peak SAR (extrapolated) = 1.0560

SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.583 mW/g

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

Maximum value of SAR (measured) = 0.896 mW/g

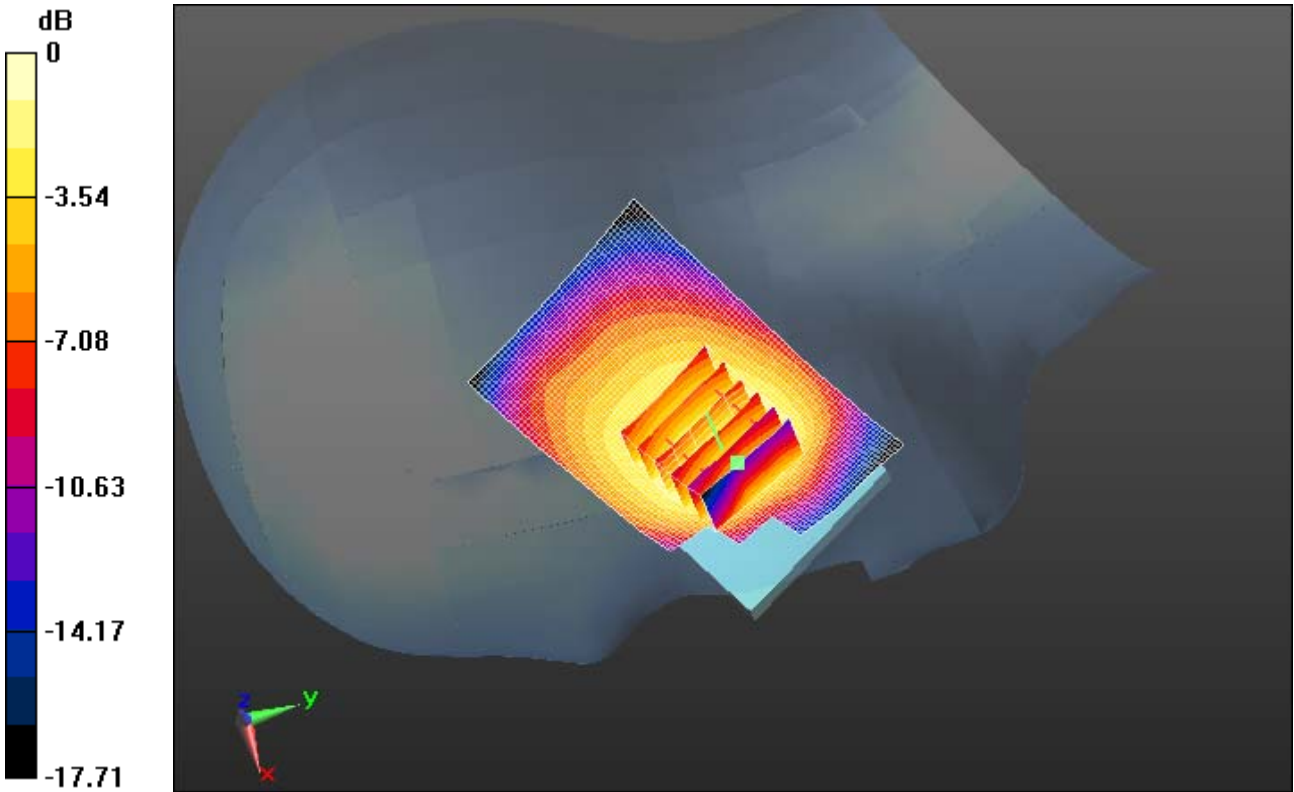
Author Data
Andrew Becker

Dates of Test
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Test Report No
RTS-5992-1203-12

FCC ID:
L6AREV70UW

IC ID
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0 dB = 0.900mW/g = -0.92 dB mW/g

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	Author Data Andrew Becker	Dates of Test February 06 – March 6 , 2012	Test Report No RTS-5992-1203-12	FCC ID: L6AREV70UW

Date/Time: 2/10/2012 5:06:46 PM

Test Laboratory: RIM Testing Services

**RightHandSide_UMTS_V_high_chan_amb_temp_23.0C_liq_temp_20.7
C**

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD V; Frequency: 846.6 MHz
Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.939$ mho/m; $\epsilon_r = 40.655$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.939 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 10.795 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.1150
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.605 mW/g

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

Maximum value of SAR (measured) = 0.933 mW/g

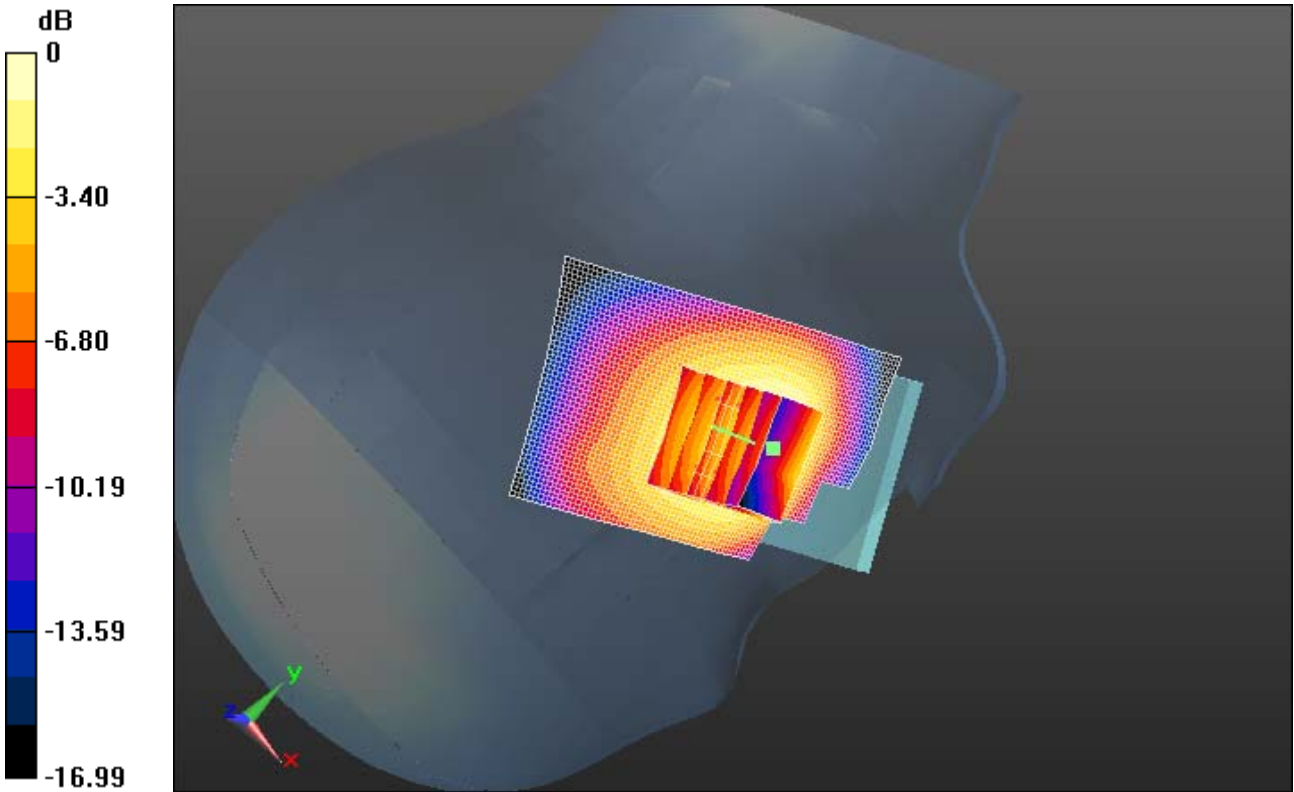
Author Data
Andrew Becker

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IC ID
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0 dB = 0.930mW/g = -0.63 dB mW/g

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Date/Time: 2/10/2012 1:34:51 PM

Test Laboratory: RIM Testing Services

**RightHandSide_Tilt_UMTS_Band_V_mid_chan_amb_temp_22.9C_liq_tem
mp_20.7C**

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD V; Frequency: 836.4 MHz
Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.814$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (interpolated) = 0.499 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 17.675 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.5680
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.330 mW/g

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

Maximum value of SAR (measured) = 0.492 mW/g

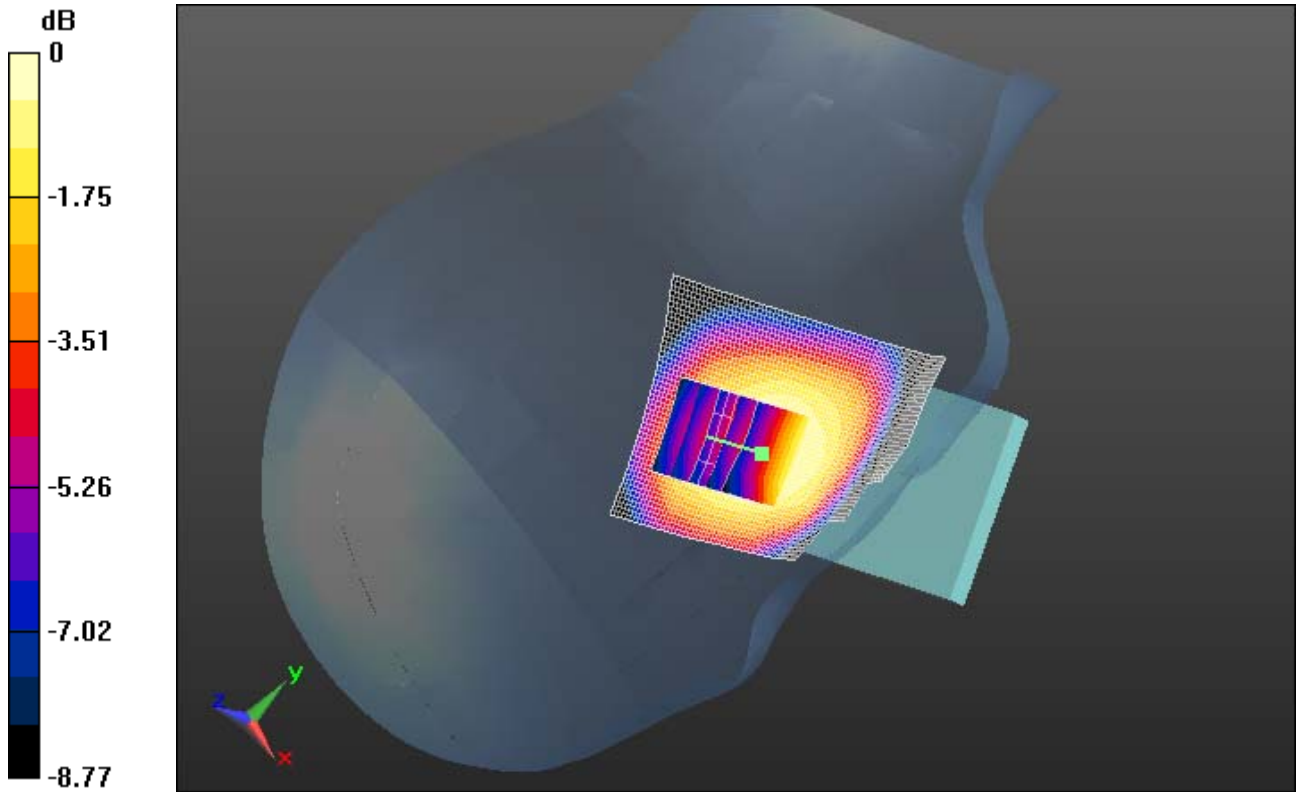
Author Data
Andrew Becker

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Test Report No
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0 dB = 0.490mW/g = -6.20 dB mW/g

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	Author Data Andrew Becker	Dates of Test February 06 – March 6 , 2012	Test Report No RTS-5992-1203-12	FCC ID: L6AREV70UW

Date/Time: 2/10/2012 12:22:17 PM

Test Laboratory: RIM Testing Services

LeftHandSide_UMTS_Band_V_mid_chan_amb_temp_22.8C_liq_temp_2 0.8C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: WCDMA FDD V; Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.814$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.848 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x7x7)/Cube 0:

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

Reference Value = 10.451 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.9610

SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.529 mW/g

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

Maximum value of SAR (measured) = 0.828 mW/g

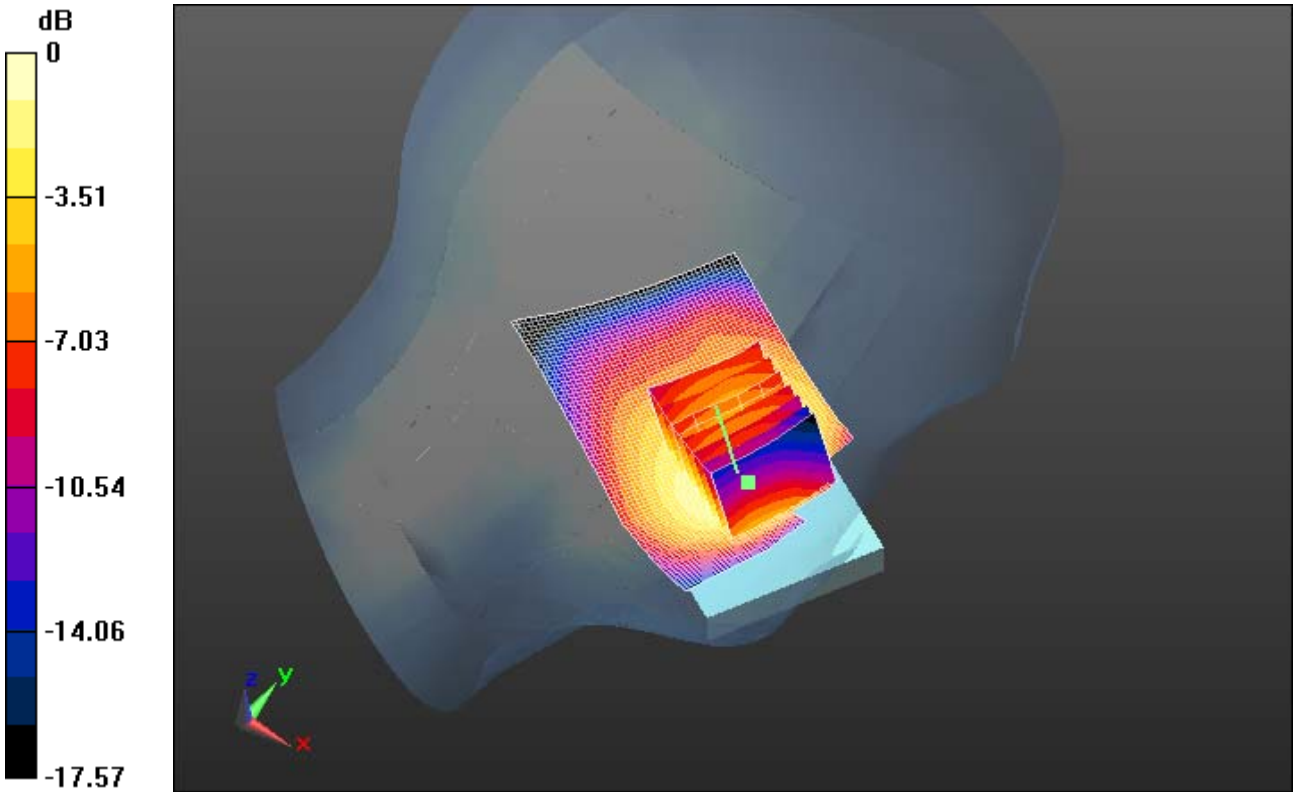
Author Data
Andrew Becker

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0 dB = 0.830mW/g = -1.62 dB mW/g

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Date/Time: 2/10/2012 1:13:13 PM

Test Laboratory: RIM Testing Services

LeftHandSide_Tilt_UMTS_Band_V_mid_chan_amb_temp_22.9C_liq_temp_20.6C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: WCDMA FDD V; Frequency: 836.4 MHz
Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 40.814$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(6.06, 6.06, 6.06); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (interpolated) = 0.447 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 16.467 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.5100
SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.297 mW/g

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

Maximum value of SAR (measured) = 0.441 mW/g

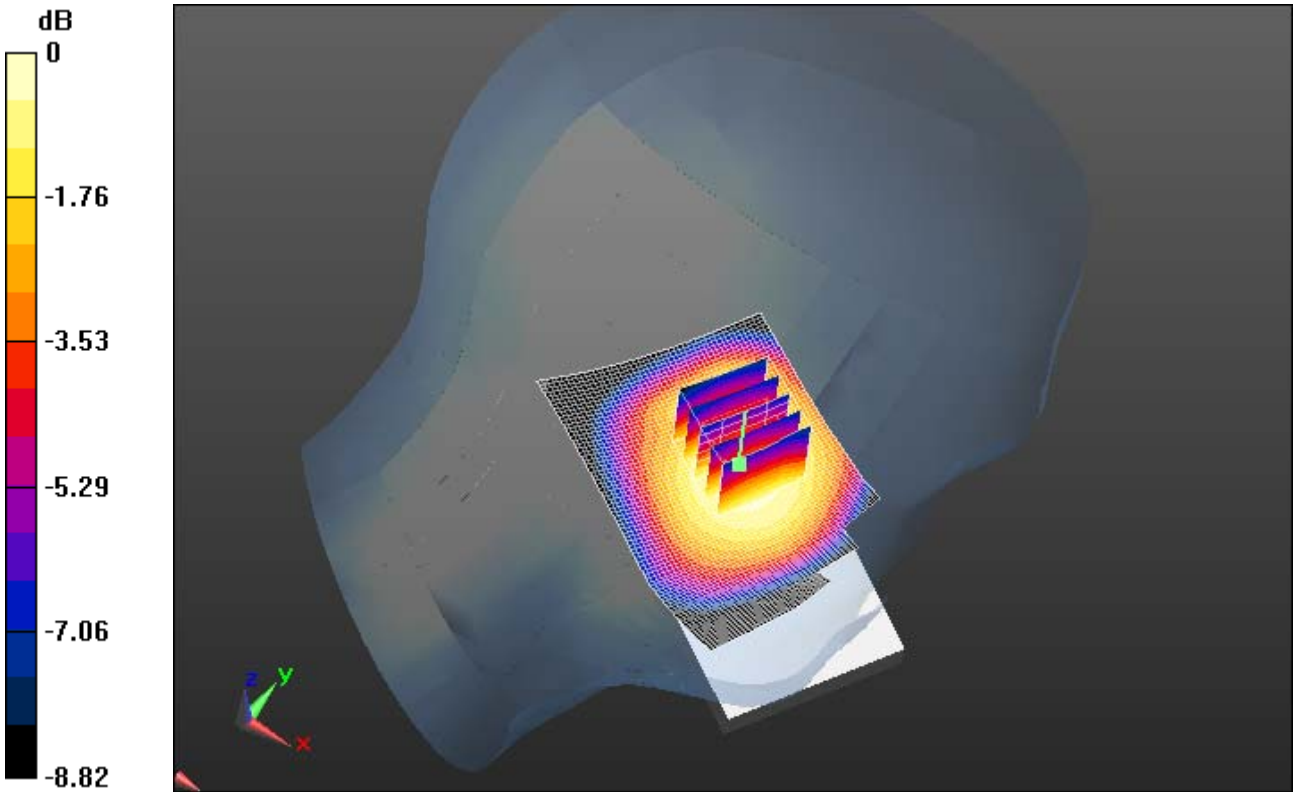
Author Data
Andrew Becker

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0 dB = 0.440mW/g = -7.13 dB mW/g

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Date/Time: 2/6/2012 10:38:41 PM

Test Laboratory: RIM Testing Services

**RightHandSide_EDGE1900_low_chan_amb_temp_23.0C_liq_temp_20.1
C**

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 1900; Frequency: 1850.2 MHz
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.334$ mho/m; $\epsilon_r = 40.755$;
 $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 1.021 mW/g

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

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 12.074 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.3030
SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.589 mW/g

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

Maximum value of SAR (measured) = 1.033 mW/g

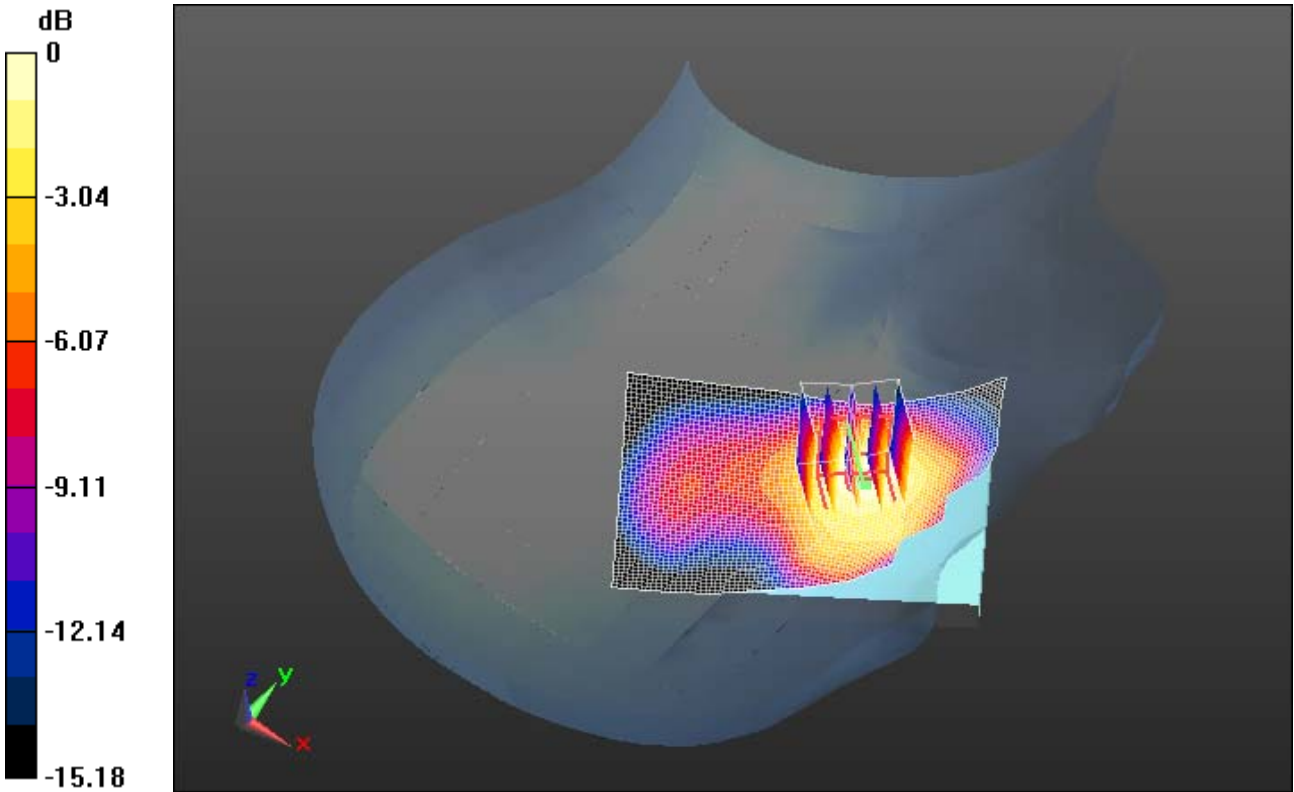
Author Data
Andrew Becker

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0 dB = 1.030mW/g = 0.26 dB mW/g

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Date/Time: 2/6/2012 10:19:11 PM

Test Laboratory: RIM Testing Services

RightHandSide_EDGE1900_mid_chan_amb_temp_23.0C_liq_temp_20.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 1900; Frequency: 1880 MHz
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.997 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 12.796 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.2970
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 0.956 mW/g

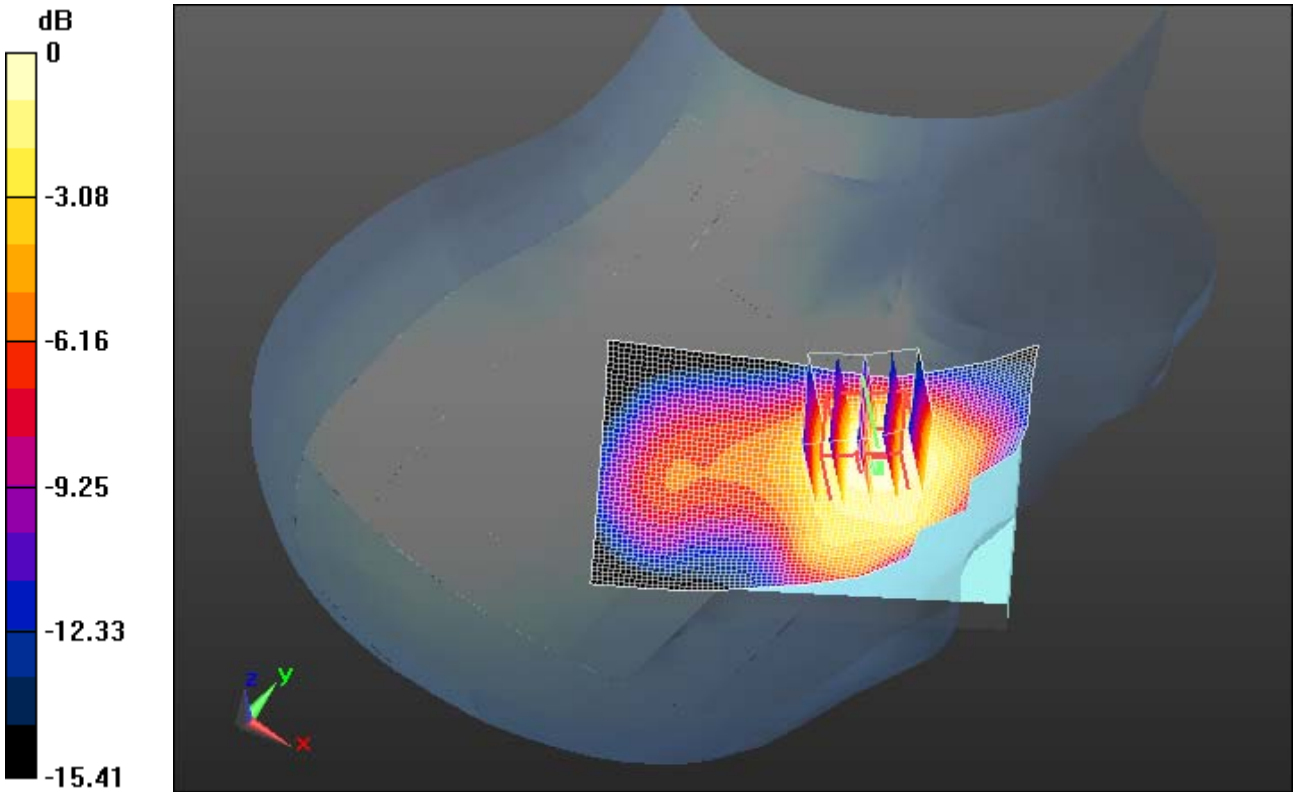
Author Data
Andrew Becker

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0 dB = 0.960mW/g = -0.35 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_EDGE1900_high_chan_amb_temp_22.9C_liq_temp_20.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 1900; Frequency: 1909.8 MHz
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.454$ mho/m; $\epsilon_r = 40.127$; $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 1.000 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 12.826 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.3230
SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.572 mW/g
Maximum value of SAR (measured) = 0.989 mW/g

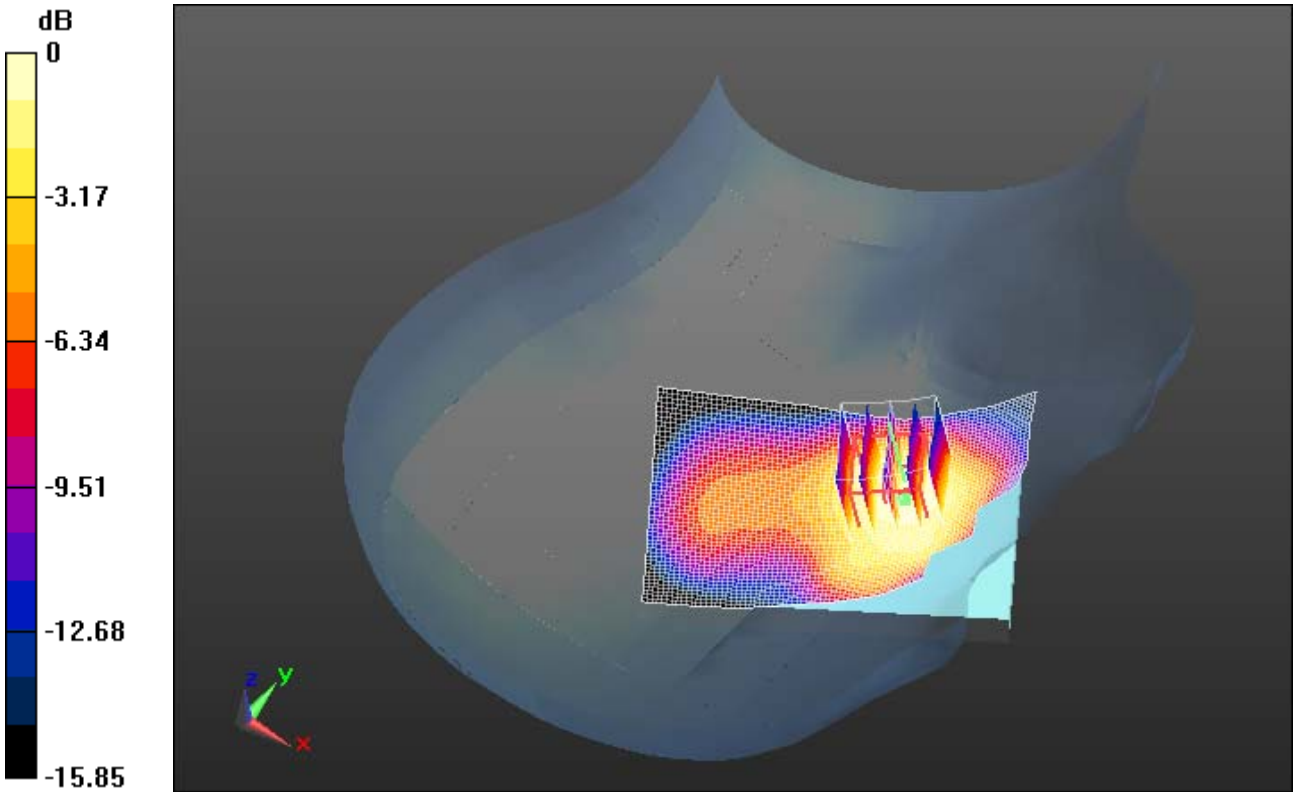
Author Data
Andrew Becker

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0 dB = 0.990mW/g = -0.09 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_Tilt_EDGE1900_mid_chan_amb_temp_22.9C_liq_temp_20.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: EDGE 1900; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.454 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

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

Reference Value = 17.967 V/m; Power Drift = 0.0048 dB

Peak SAR (extrapolated) = 0.5290

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.410 mW/g

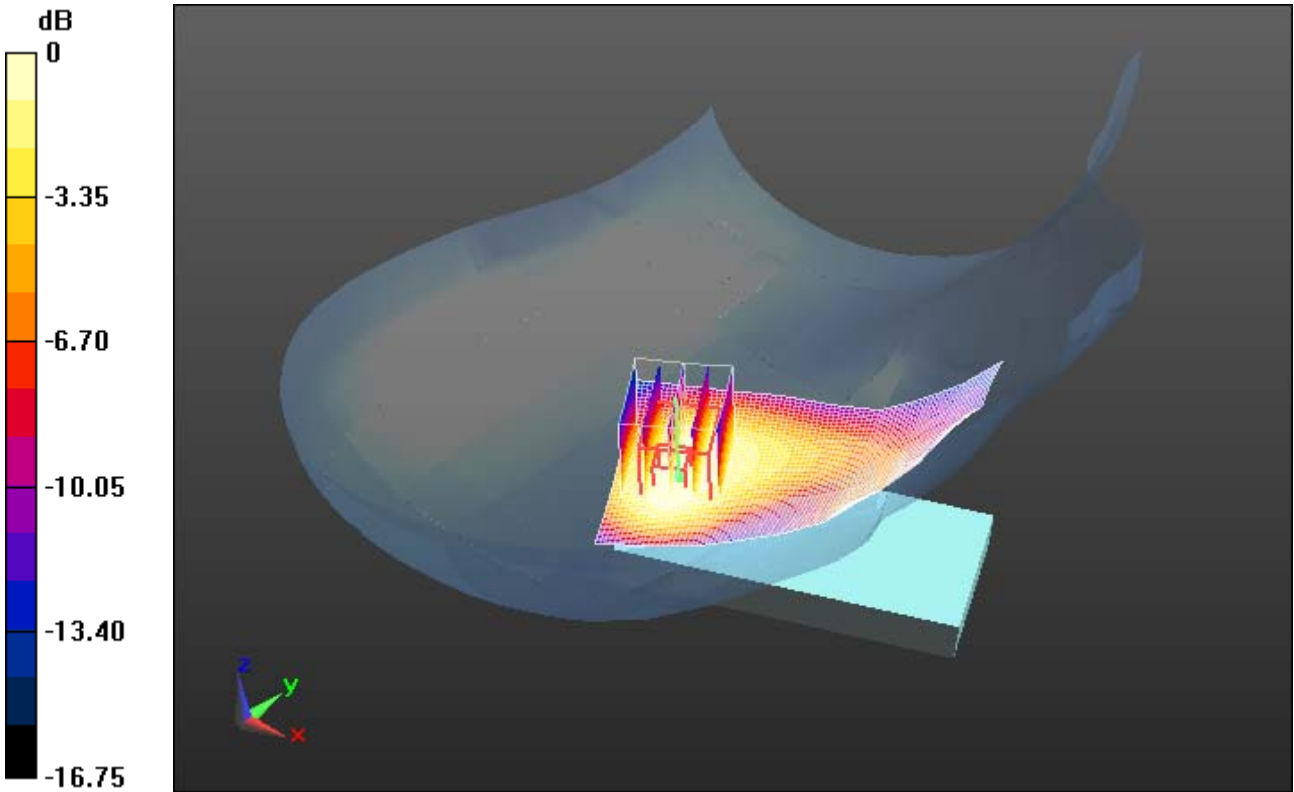
Author Data
Andrew Becker

Dates of Test
February 06 – March 6 , 2012


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IC ID
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0 dB = 0.410mW/g = -7.74 dB mW/g

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Date/Time: 2/6/2012 11:38:51 PM

Test Laboratory: RIM Testing Services

**RightHandSide_GSM1900_low_chan_amb_temp_23.0C_liq_temp_20.1
C**

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: GSM 1900; Frequency: 1850.2 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.334$ mho/m; $\epsilon_r = 40.755$;
 $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.898 mW/g

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

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


Reference Value = 11.026 V/m; Power Drift = -0.01 dB

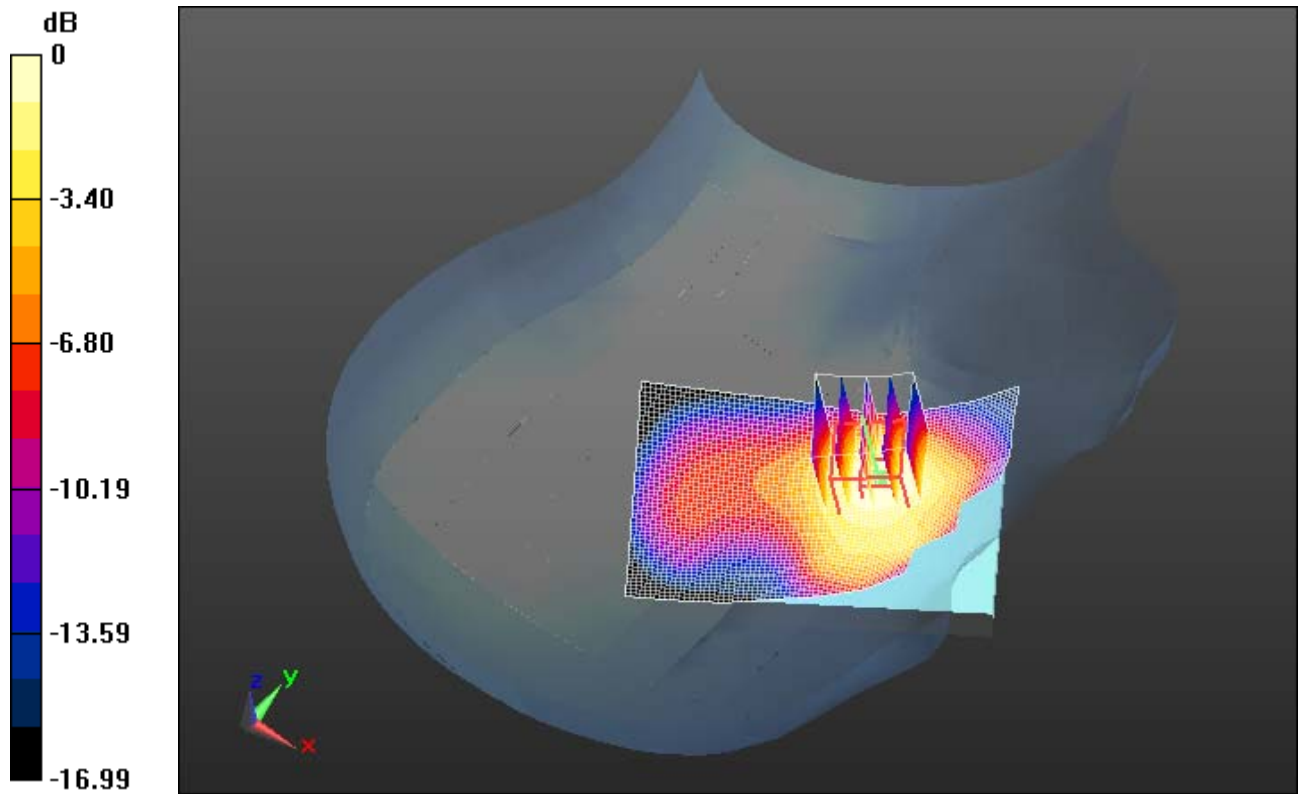
Peak SAR (extrapolated) = 1.1120

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.504 mW/g


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

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

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0 dB = 0.860mW/g = -1.31 dB mW/g

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Date/Time: 2/6/2012 9:29:50 PM

Test Laboratory: RIM Testing Services

**LeftHandSide_EDGE1900_mid_chan_amb_temp_22.8C_liq_temp_20.1
C**

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: EDGE 1900; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (interpolated) = 0.866 mW/g

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

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

Reference Value = 10.565 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.0810

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.521 mW/g

Maximum value of SAR (measured) = 0.841 mW/g

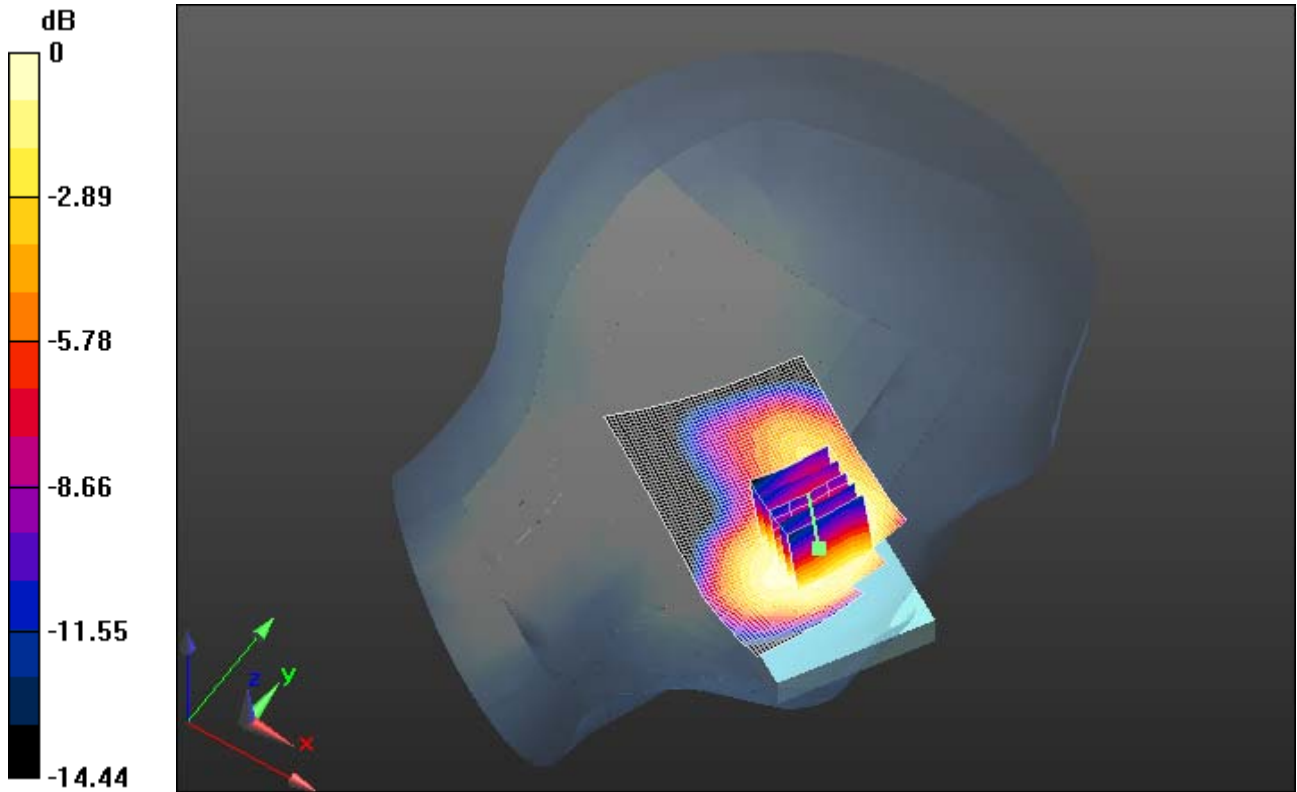
Author Data
Andrew Becker

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RTS-5992-1203-12

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IC ID
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0 dB = 0.840mW/g = -1.51 dB mW/g

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Date/Time: 2/6/2012 9:48:43 PM

Test Laboratory: RIM Testing Services

LeftHandSide_Tilt_EDGE1900_mid_chan_amb_temp_22.8C_liq_temp_2 0.1C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: EDGE 1900; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.560 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x6x7)/Cube 0:

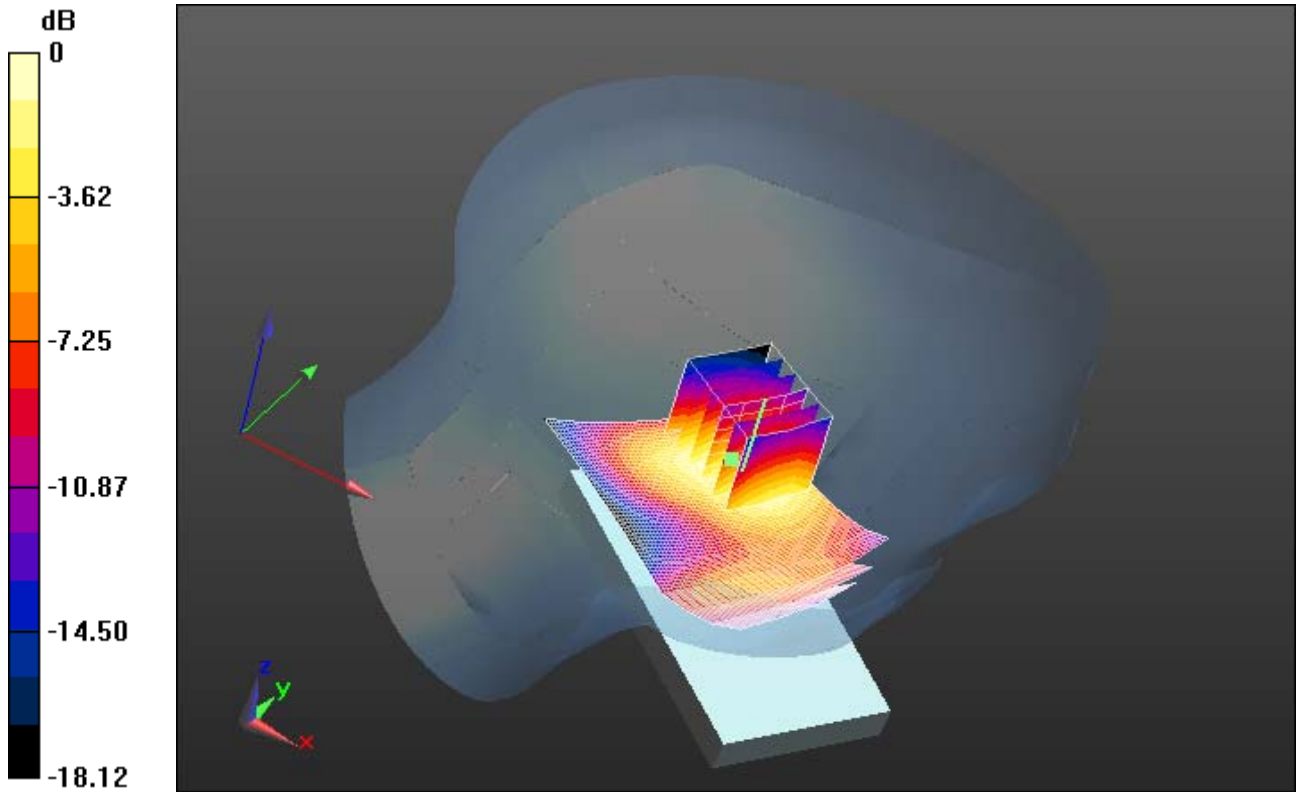
Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 15.180 V/m; Power Drift = 0.04 dB


Peak SAR (extrapolated) = 0.7030

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.500mW/g = -6.02 dB mW/g

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Date/Time: 2/7/2012 11:17:43 PM

Test Laboratory: RIM Testing Services

RightHandSide_UMTS_band_II_low_chan_amb_temp_22.6C_liq_temp_20.0C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.338$ mho/m; $\epsilon_r = 40.742$;
 $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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


Maximum value of SAR (interpolated) = 1.601 mW/g

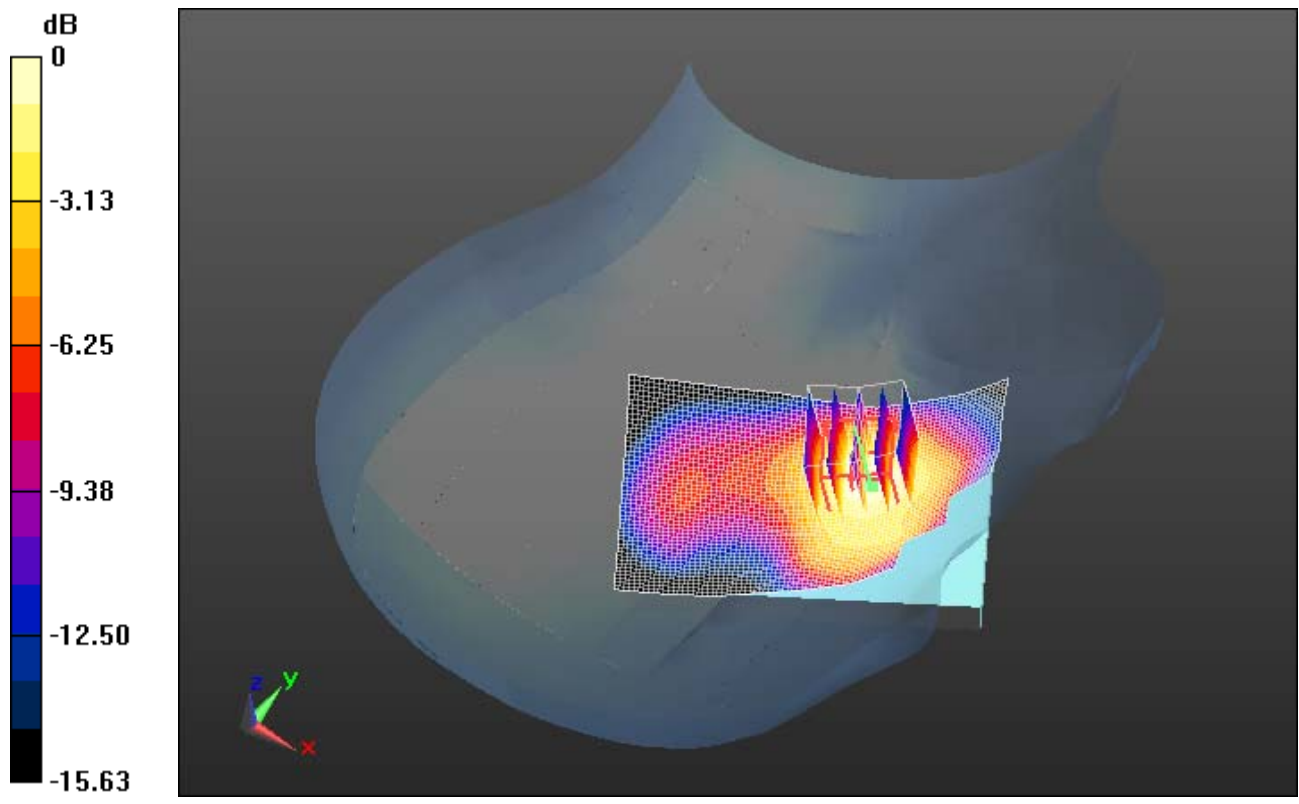
Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 15.252 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.0590
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 0.909 mW/g


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

Maximum value of SAR (measured) = 1.613 mW/g

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0 dB = 1.610mW/g = 4.14 dB mW/g

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Date/Time: 2/7/2012 11:02:26 PM

Test Laboratory: RIM Testing Services

RightHandSide_UMTS_band_II_mid_chan_amb_temp_22.7C_liq_temp_20.0C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.523 mW/g

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

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

Reference Value = 15.613 V/m; Power Drift = -0.0017 dB

Peak SAR (extrapolated) = 1.9760

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.875 mW/g

Maximum value of SAR (measured) = 1.537 mW/g

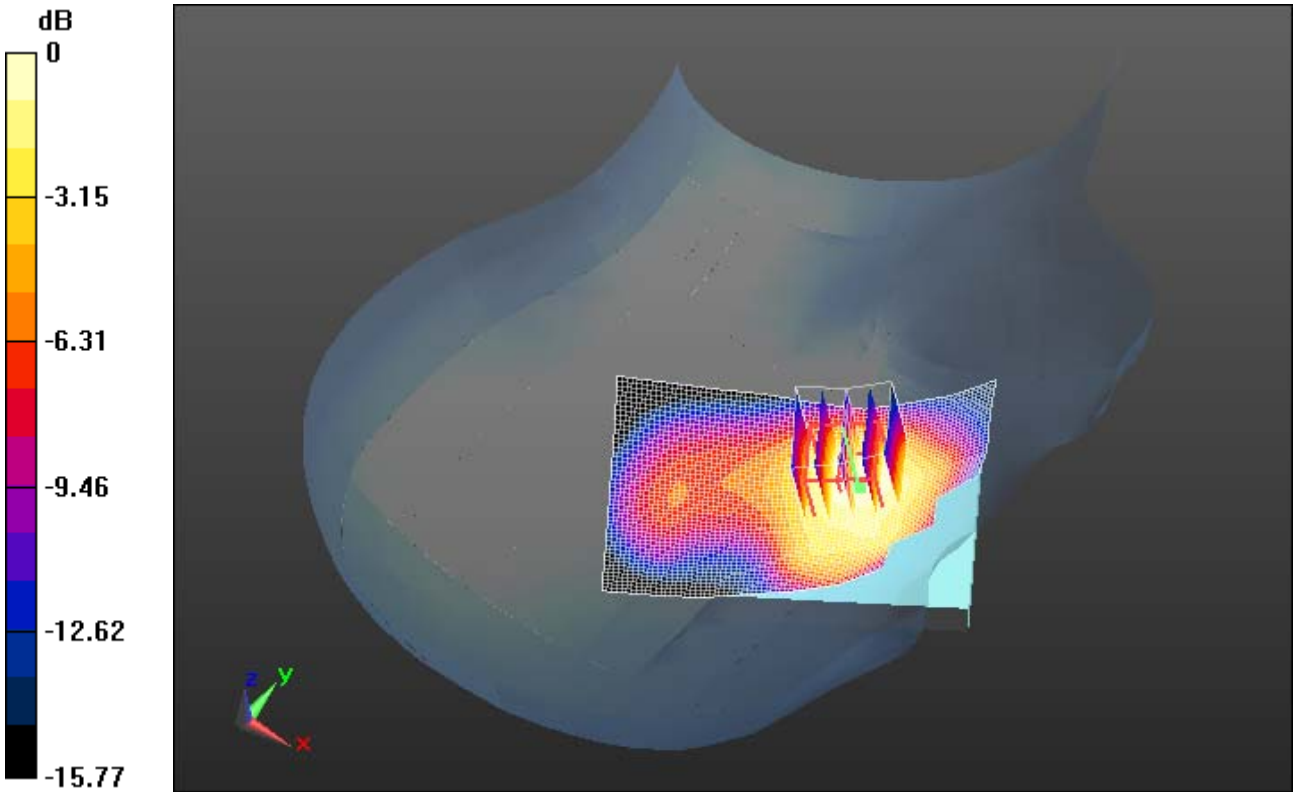
Author Data
Andrew Becker

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0 dB = 1.540mW/g = 3.75 dB mW/g

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Date/Time: 2/7/2012 11:32:47 PM

Test Laboratory: RIM Testing Services

RightHandSide_UMTS_band_II_high_chan_amb_temp_22.6C_liq_temp_20.0C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.451$ mho/m; $\epsilon_r = 40.128$;
 $\rho = 1000$ kg/m³
Phantom section: Right Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 1.474 mW/g

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

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 15.338 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.9210
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.834 mW/g

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

Maximum value of SAR (measured) = 1.420 mW/g

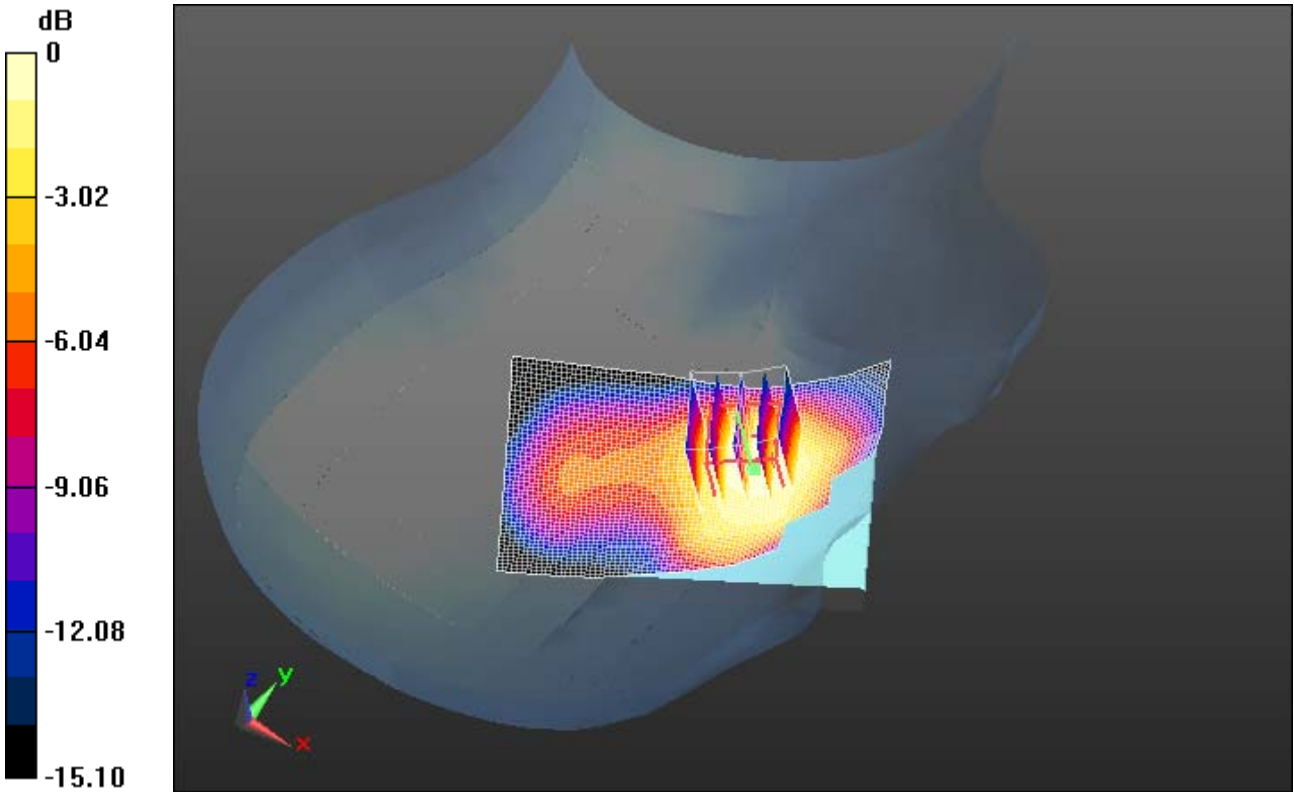
Author Data
Andrew Becker

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0 dB = 1.420mW/g = 3.05 dB mW/g

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Date/Time: 2/8/2012 12:11:24 AM

Test Laboratory: RIM Testing Services

RightHandSide_Tilt_UMTS_band_II_mid_chan_amb_temp_22.6C_liq_temp_20.0C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.716 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:


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

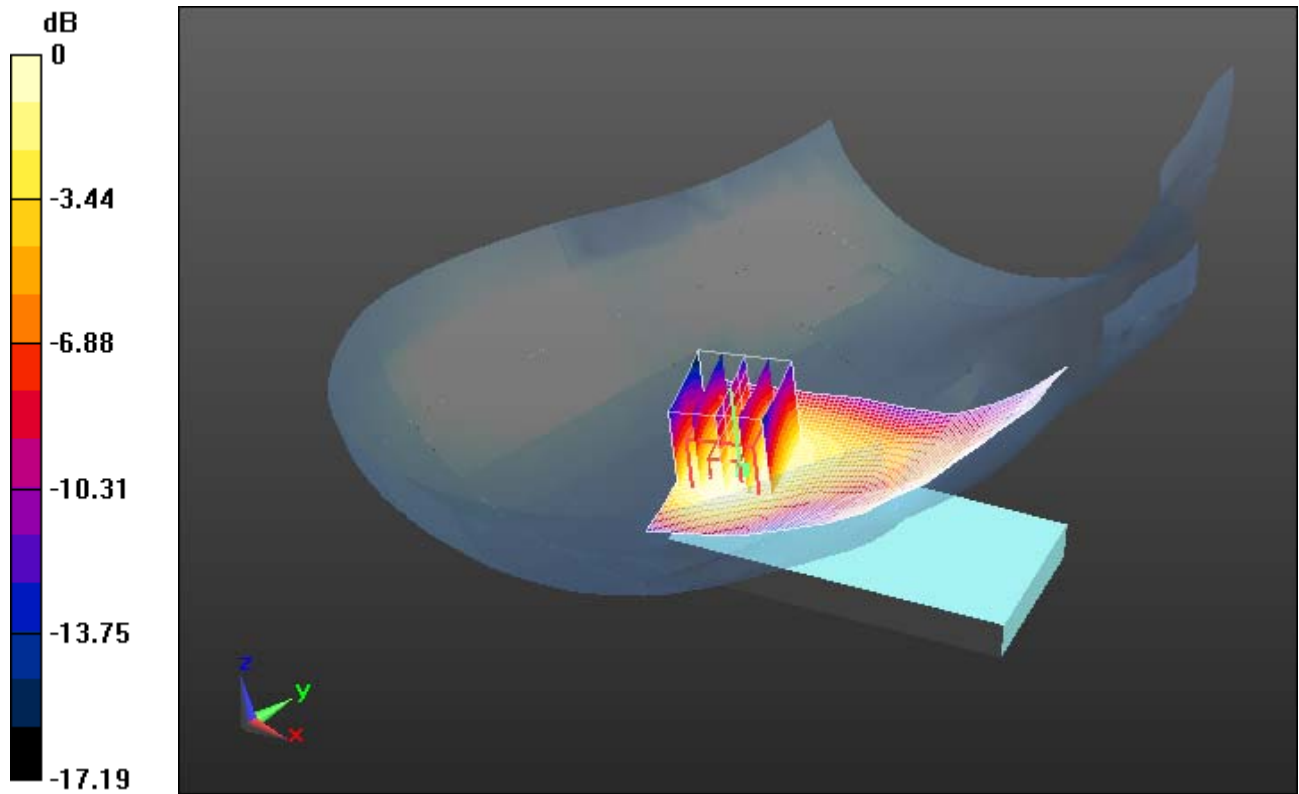
Reference Value = 23.197 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.8620


SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 0.666 mW/g

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0 dB = 0.670mW/g = -3.48 dB mW/g

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Date/Time: 2/7/2012 9:44:10 PM

Test Laboratory: RIM Testing Services

**LeftHandSide_UMTS_band_II_low_chan_amb_temp_22.6C_liq_temp_2
0.0C**

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.338$ mho/m; $\epsilon_r = 40.742$;
 $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 1.374 mW/g

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

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 12.813 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.6120
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.829 mW/g

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

Maximum value of SAR (measured) = 1.303 mW/g

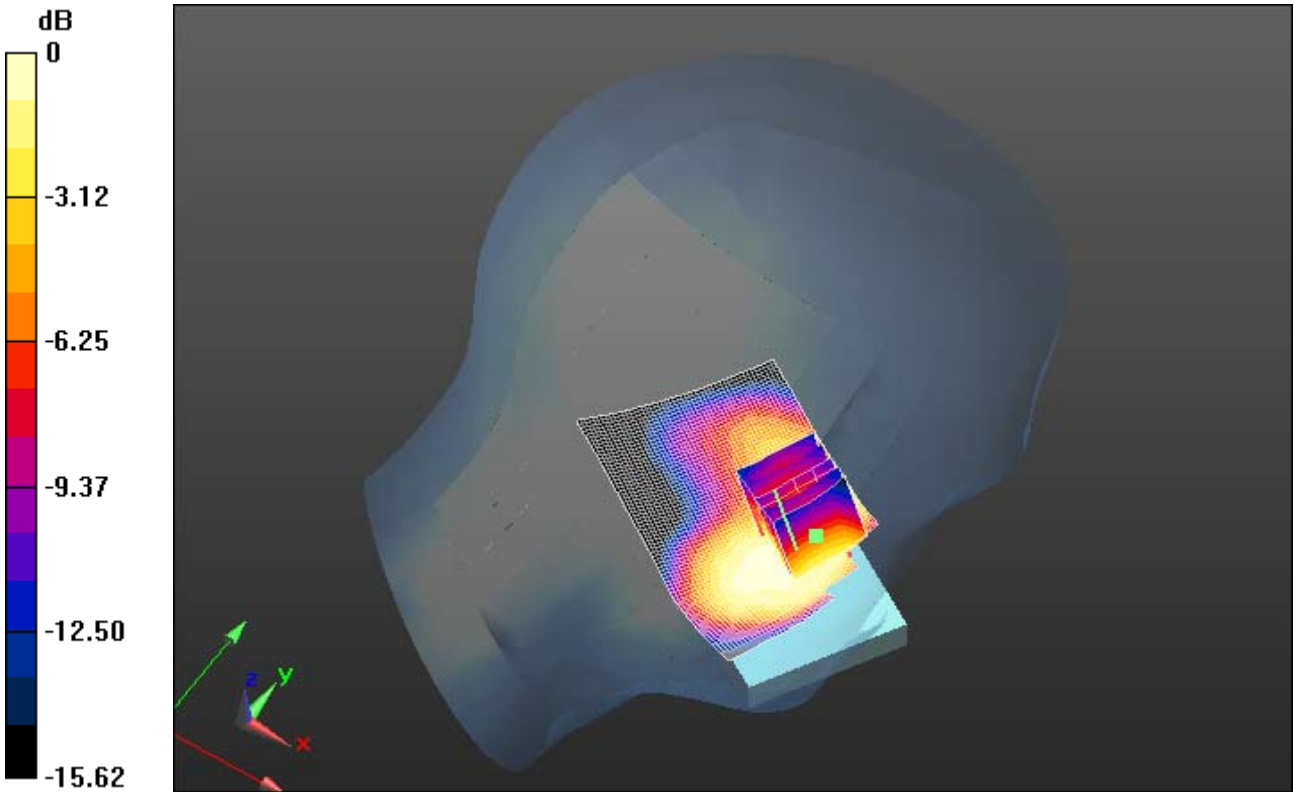
Author Data
Andrew Becker

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0 dB = 1.300mW/g = 2.28 dB mW/g

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Date/Time: 2/7/2012 9:30:09 PM

Test Laboratory: RIM Testing Services

**LeftHandSide_UMTS_band_II_mid_chan_amb_temp_22.7C_liq_temp_2
0.0C**

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1880 MHz
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 1.359 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 13.199 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.6990
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.817 mW/g
Maximum value of SAR (measured) = 1.309 mW/g

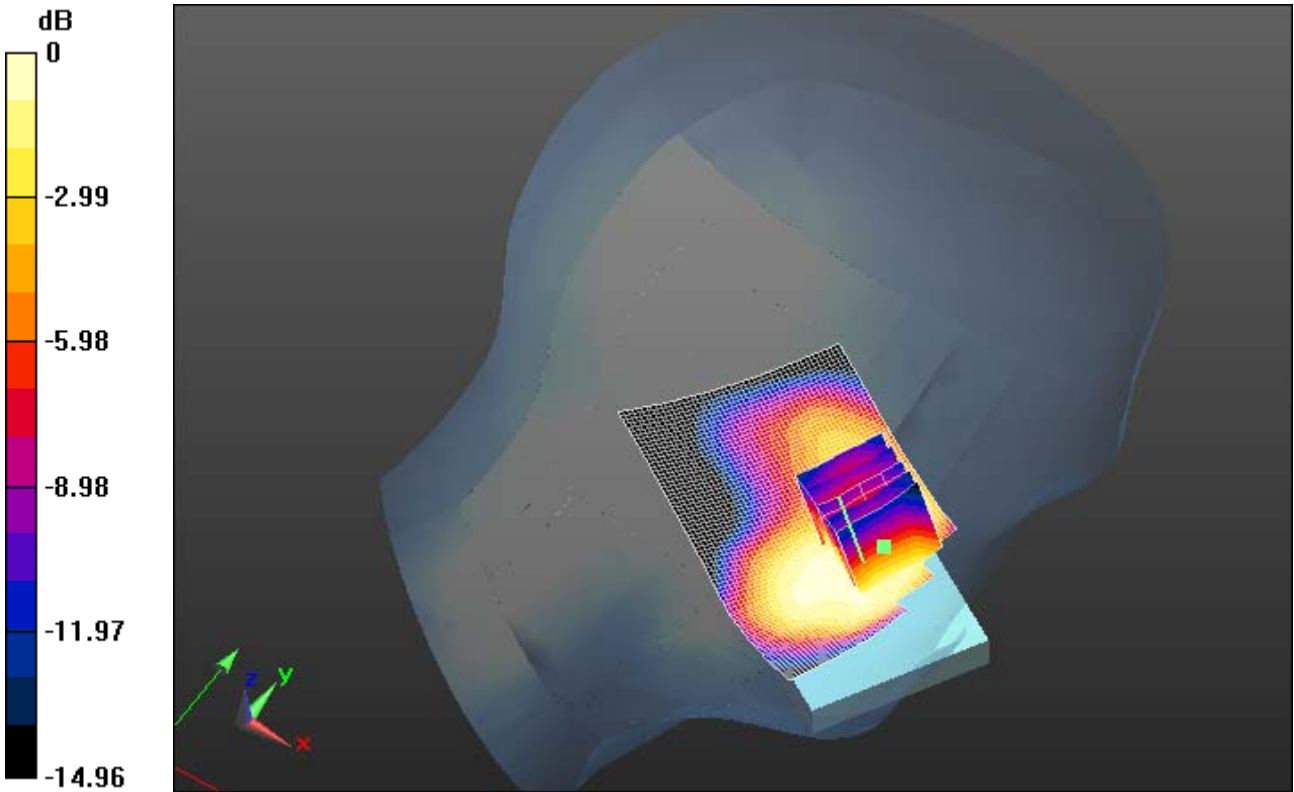
Author Data
Andrew Becker

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0 dB = 1.310mW/g = 2.35 dB mW/g

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Date/Time: 2/7/2012 10:01:00 PM

Test Laboratory: RIM Testing Services

**LeftHandSide_UMTS_band_II_high_chan_amb_temp_22.7C_liq_temp_2
0.0C**

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.451$ mho/m; $\epsilon_r = 40.128$;
 $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 1.507 mW/g

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

Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm
Reference Value = 13.271 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.9140
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.867 mW/g

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

Maximum value of SAR (measured) = 1.456 mW/g

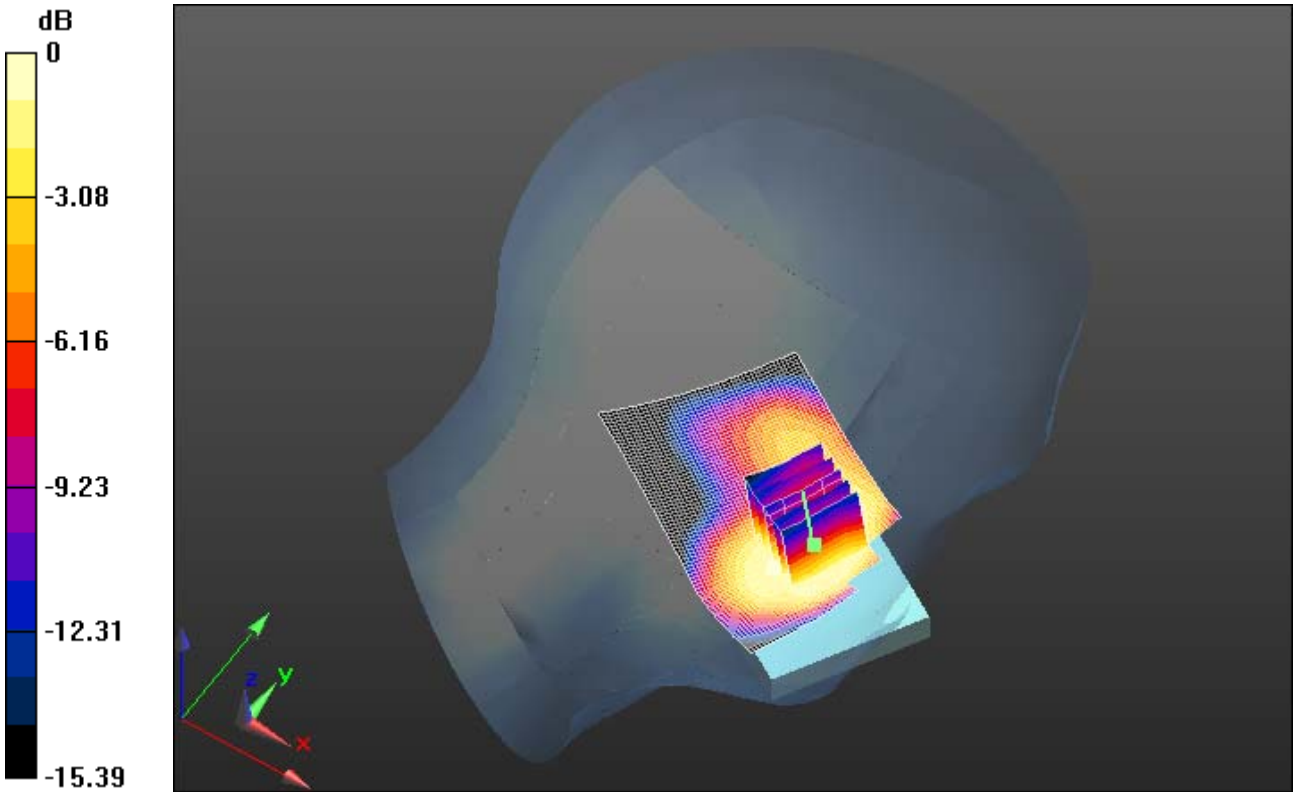
Author Data
Andrew Becker

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0 dB = 1.460mW/g = 3.29 dB mW/g

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Date/Time: 2/7/2012 10:28:31 PM

Test Laboratory: RIM Testing Services

**LeftHandSide_Tilt_UMTS_band_II_mid_chan_amb_temp_22.6C_liq_tem
p_20.0C**

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295EC578

Communication System: WCDMA FDD II; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ mho/m; $\epsilon_r = 40.404$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(5.1, 5.1, 5.1); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.7, 32.7$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

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

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x6x7)/Cube 0:

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

Reference Value = 19.662 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.0330

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.745 mW/g

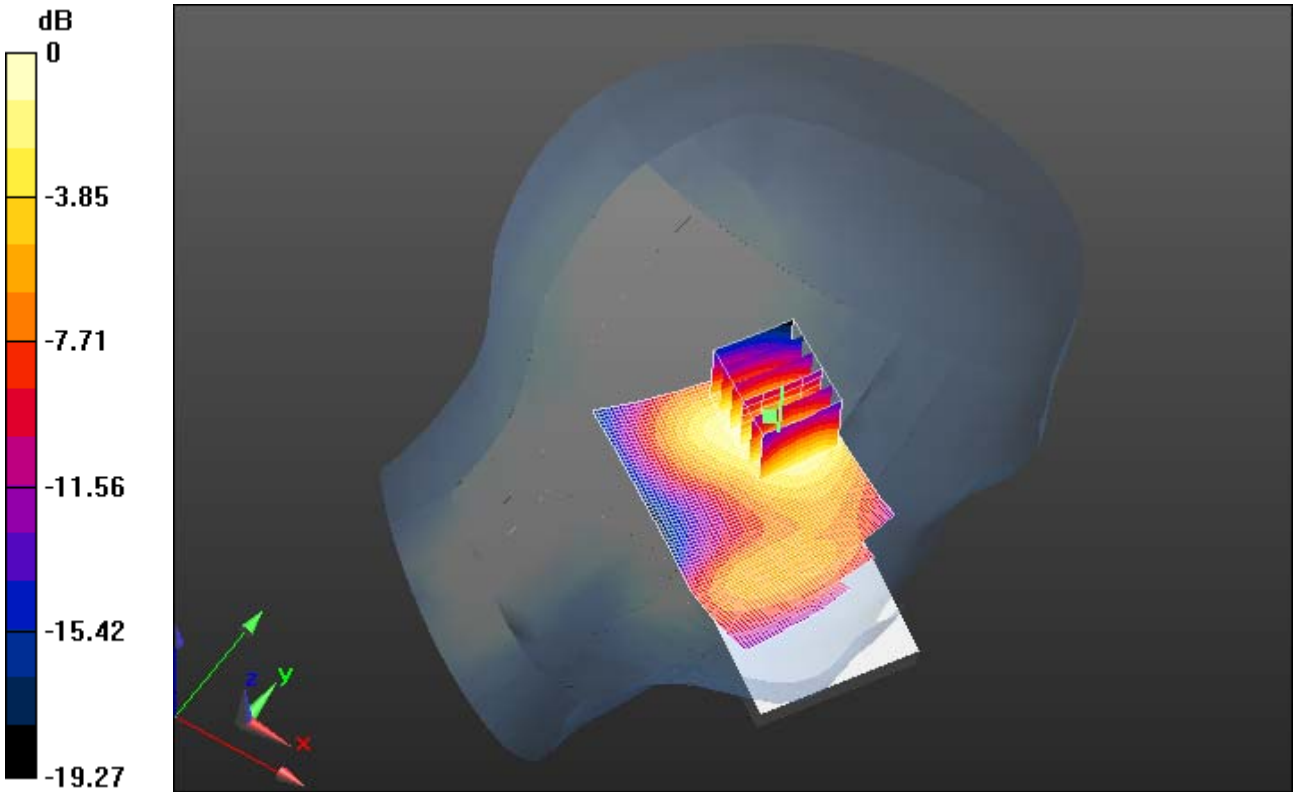
Author Data
Andrew Becker

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IC ID
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0 dB = 0.740mW/g = -2.62 dB mW/g

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Date/Time: 2/16/2012 4:13:26 PM

Test Laboratory: RIM Testing Services

RightHandSide_802.11b_low_chan_amb_temp_22.6C_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2412 MHz

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.772$ mho/m; $\epsilon_r = 38.222$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.284 mW/g

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

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

Reference Value = 6.371 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.4810

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.119 mW/g

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

Maximum value of SAR (measured) = 0.296 mW/g

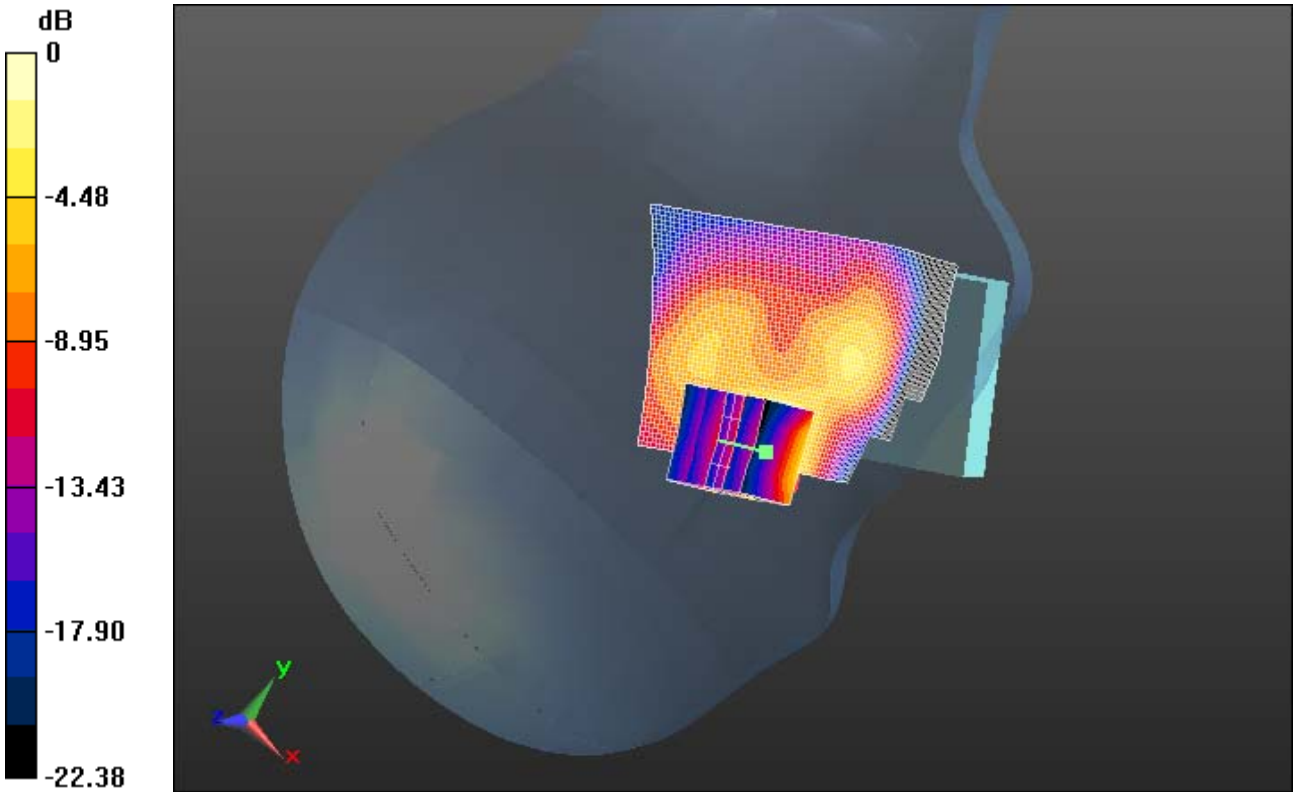
Author Data
Andrew Becker

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0 dB = 0.300mW/g = -10.46 dB mW/g

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Date/Time: 2/16/2012 4:32:26 PM

Test Laboratory: RIM Testing Services

RightHandSide_802.11b_mid_chan_amb_temp_22.6C_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2437 MHz

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.798$ mho/m; $\epsilon_r = 38.149$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.298 mW/g

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

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

Reference Value = 6.927 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.5070

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.123 mW/g

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

Maximum value of SAR (measured) = 0.310 mW/g

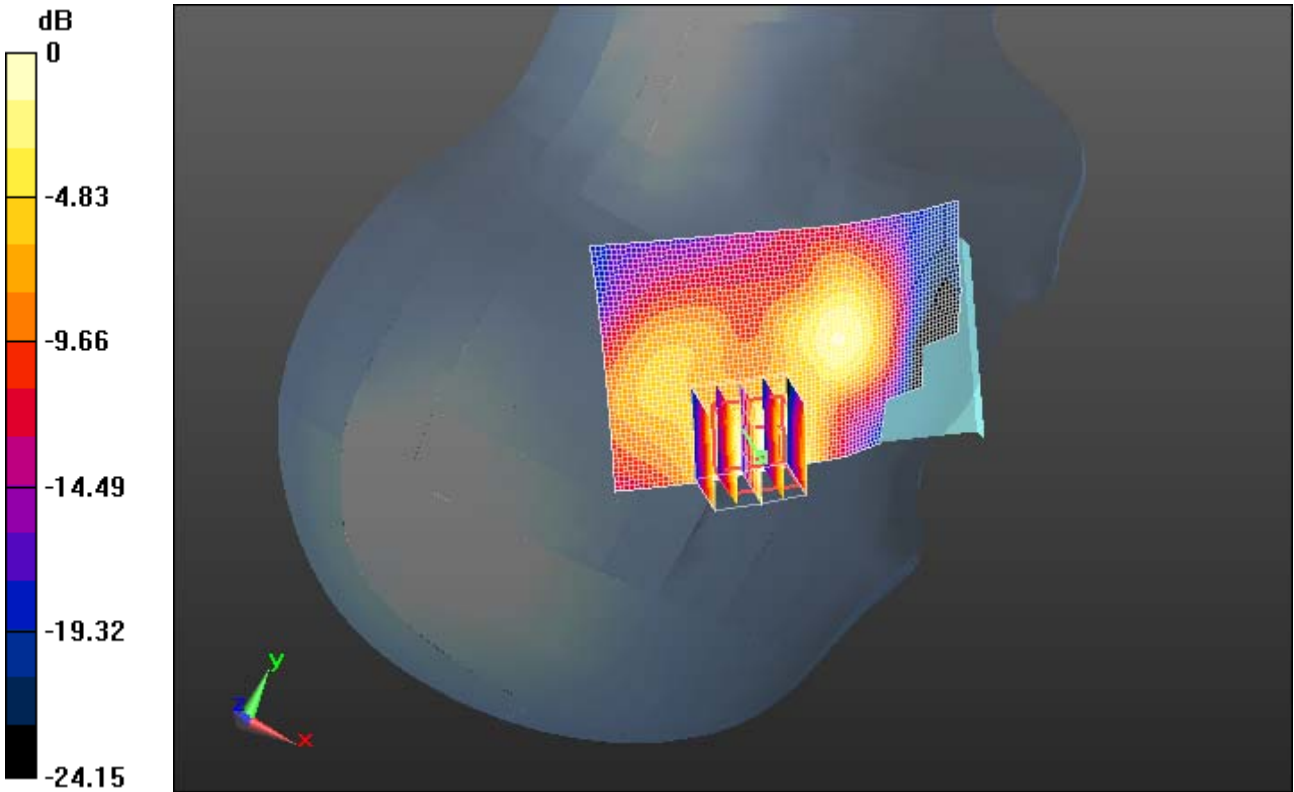
Author Data
Andrew Becker

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0 dB = 0.310mW/g = -10.17 dB mW/g

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Date/Time: 2/16/2012 4:56:13 PM

Test Laboratory: RIM Testing Services

RightHandSide_802.11b_high_chan_amb_temp_22.6C_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.828$ mho/m; $\epsilon_r = 38.068$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.358 mW/g

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

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

Reference Value = 7.405 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.5670

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.141 mW/g

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

Maximum value of SAR (measured) = 0.363 mW/g

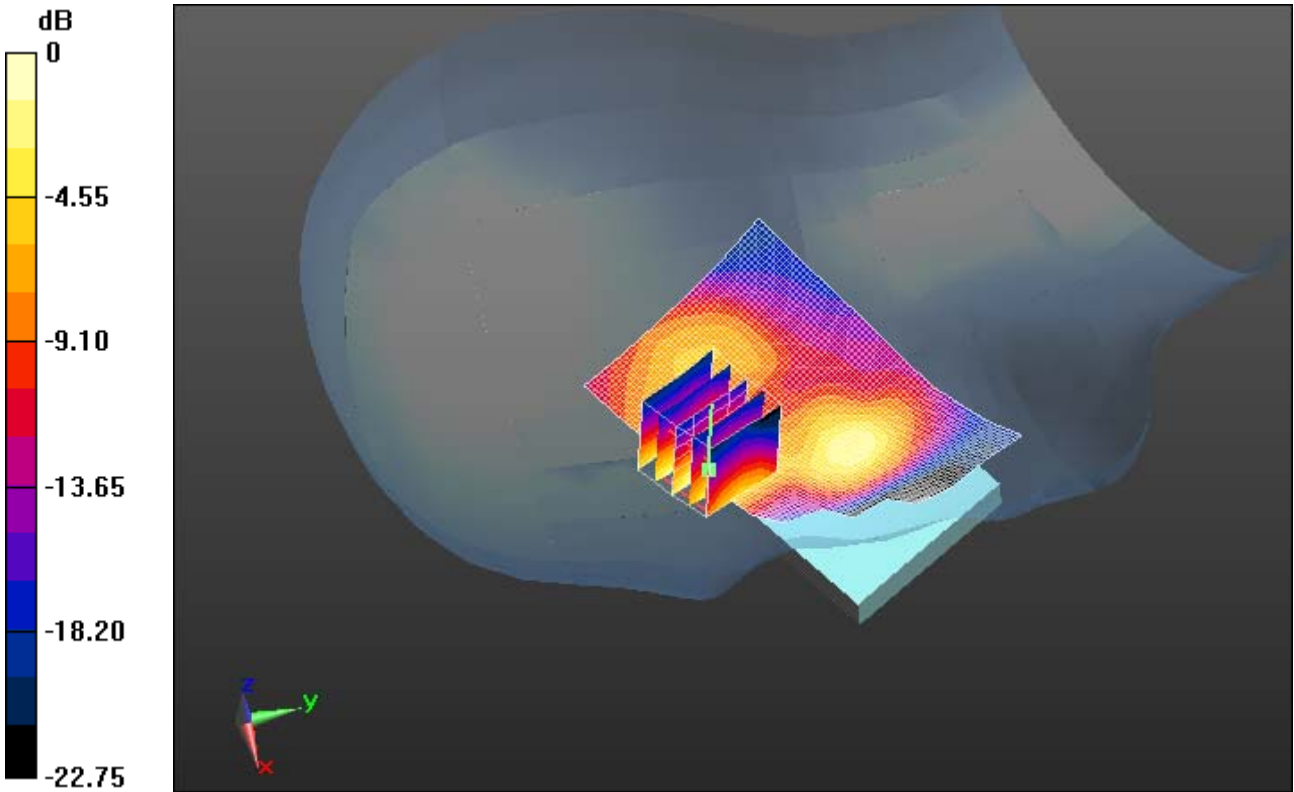
Author Data
Andrew Becker

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0 dB = 0.360mW/g = -8.87 dB mW/g

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Date/Time: 2/16/2012 5:14:22 PM

Test Laboratory: RIM Testing Services

RightHandSide_Tilt_802.11b_high_chan_amb_temp_22.7C_liq_temp_20 .4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.828$ mho/m; $\epsilon_r = 38.068$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.172 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

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

Reference Value = 9.597 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.2760

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.076 mW/g

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

Maximum value of SAR (measured) = 0.193 mW/g

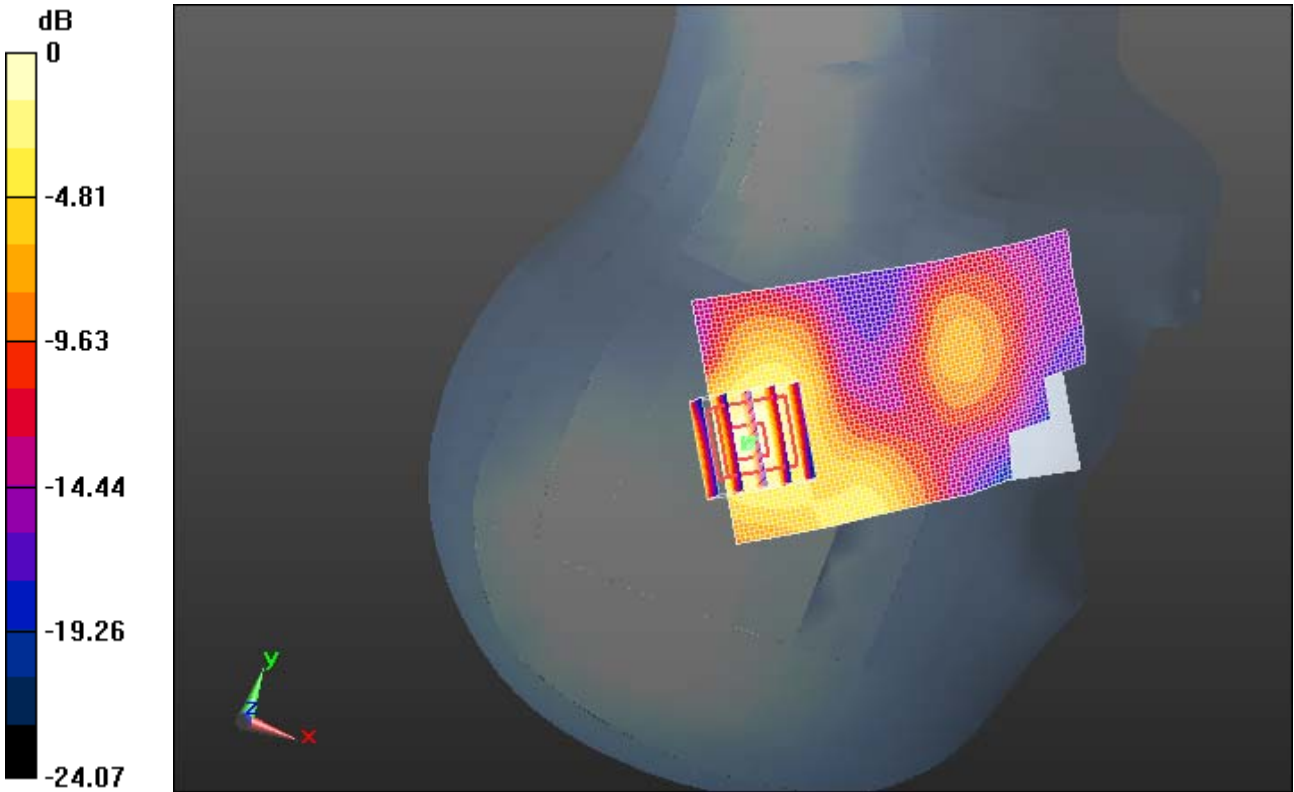
Author Data
Andrew Becker

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0 dB = 0.190mW/g = -14.42 dB mW/g

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Date/Time: 2/16/2012 6:52:58 PM

Test Laboratory: RIM Testing Services

LeftHandSide_802.11b_low_chan_amb_temp_22.7C_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2412 MHz

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.772$ mho/m; $\epsilon_r = 38.222$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.278 mW/g

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

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

Reference Value = 6.939 V/m; Power Drift = -0.0032 dB

Peak SAR (extrapolated) = 0.4370

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.096 mW/g

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

Maximum value of SAR (measured) = 0.273 mW/g

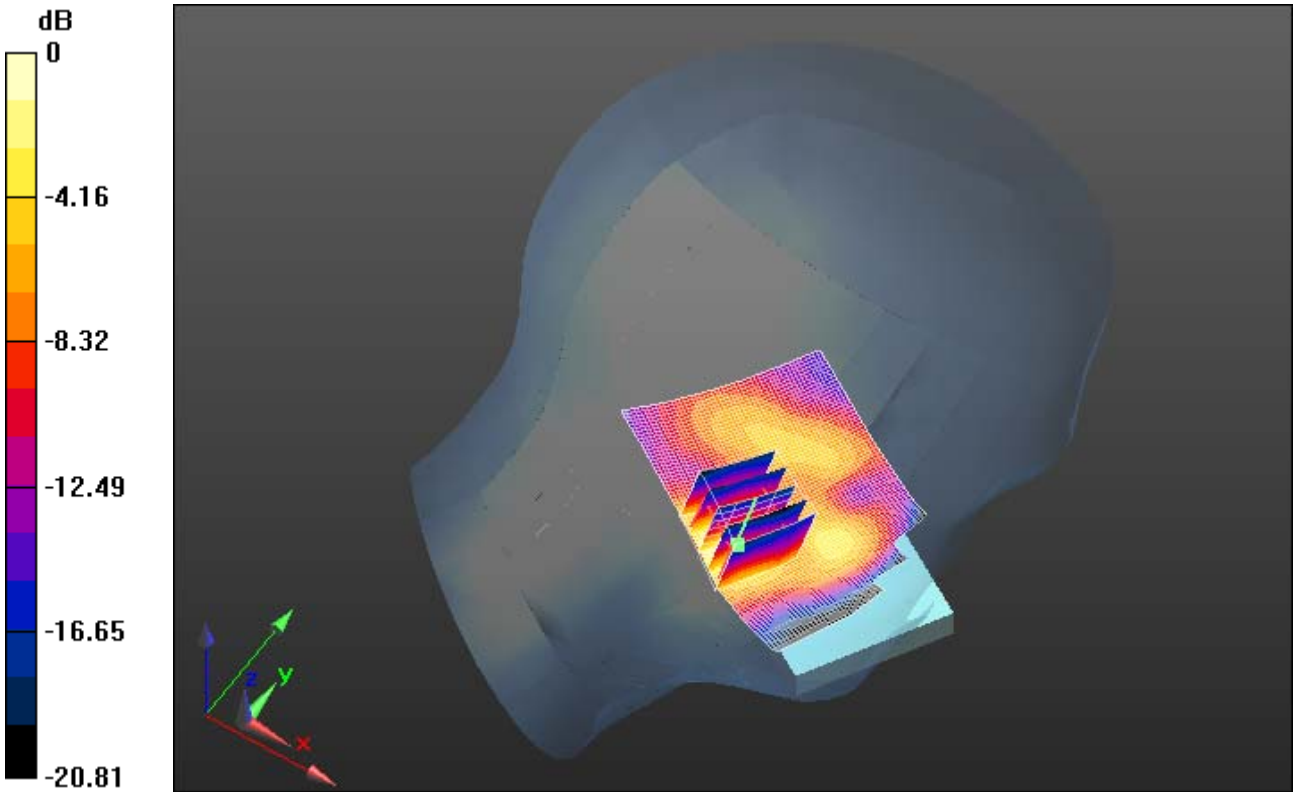
Author Data
Andrew Becker

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0 dB = 0.270mW/g = -11.37 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_802.11b_mid_chan_amb_temp_22.7C_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2437 MHz

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.798$ mho/m; $\epsilon_r = 38.149$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS2 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.336 mW/g

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

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

Reference Value = 7.246 V/m; Power Drift = -0.0036 dB

Peak SAR (extrapolated) = 0.5510

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.119 mW/g

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

Maximum value of SAR (measured) = 0.343 mW/g

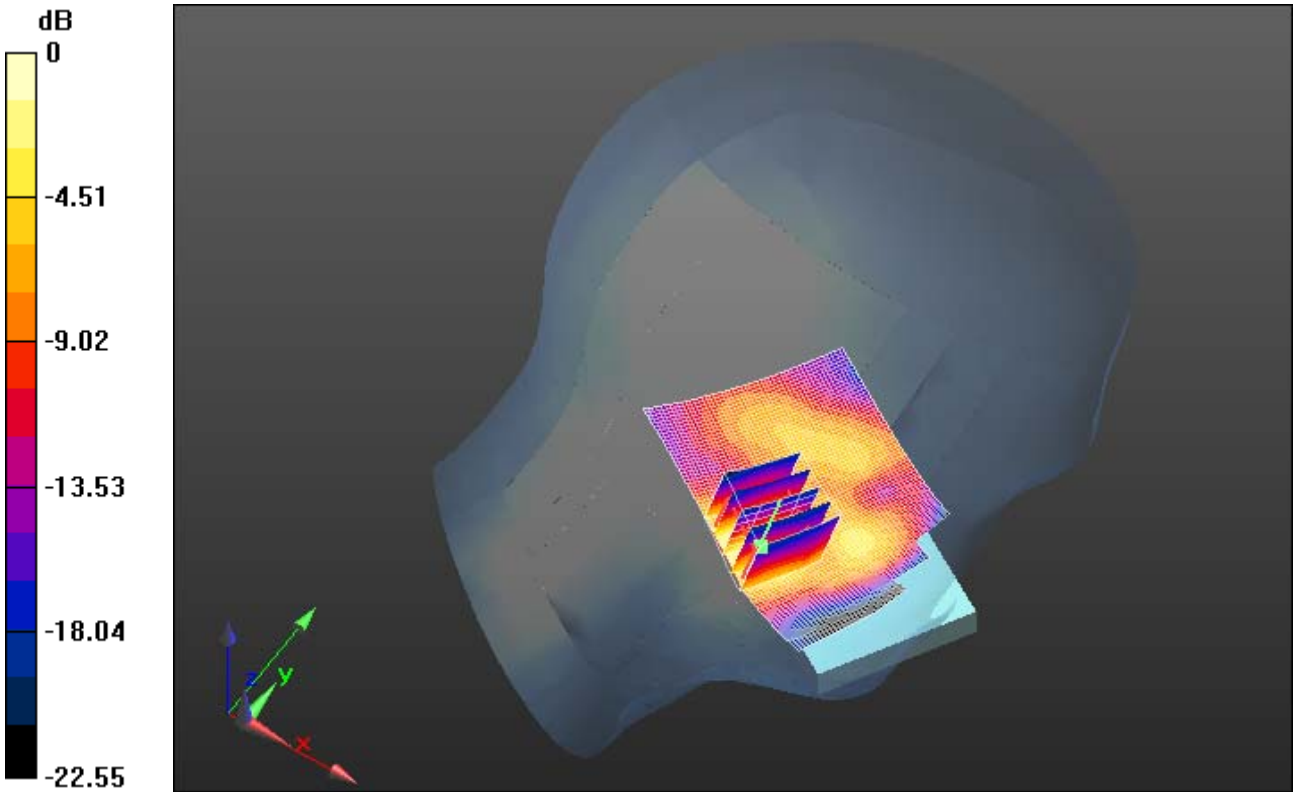
Author Data
Andrew Becker

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0 dB = 0.340mW/g = -9.37 dB mW/g

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	Author Data Andrew Becker	Dates of Test February 06 – March 6 , 2012	Test Report No RTS-5992-1203-12	FCC ID: L6AREV70UW

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Test Laboratory: RIM Testing Services

LeftHandSide_802.11b_high_chan_amb_temp_22.6C_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2462 MHz

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.828$ mho/m; $\epsilon_r = 38.068$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (interpolated) = 0.260 mW/g

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

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

Reference Value = 6.617 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.4170

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.091 mW/g

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

Maximum value of SAR (measured) = 0.258 mW/g

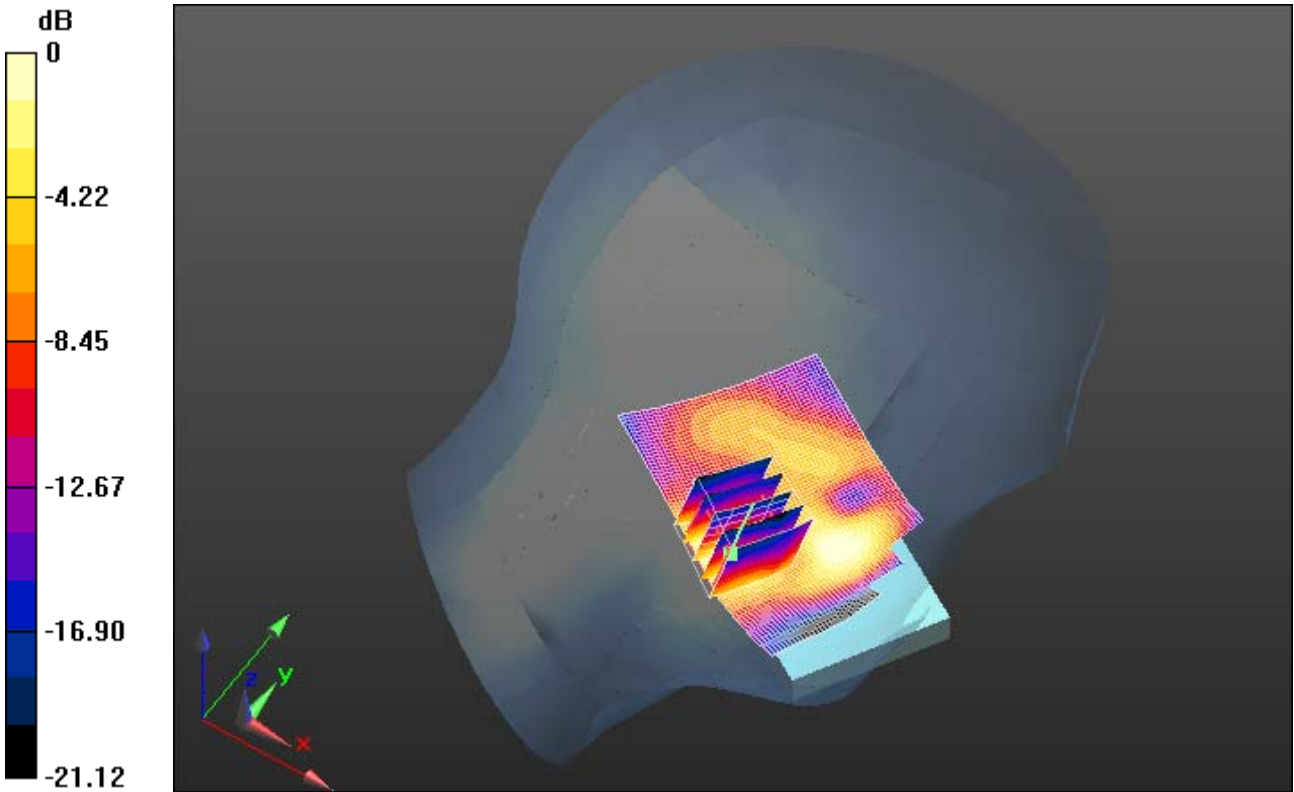
Author Data
Andrew Becker

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0 dB = 0.260mW/g = -11.70 dB mW/g

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Date/Time: 2/16/2012 8:05:02 PM

Test Laboratory: RIM Testing Services

**LeftHandSide_Tilt_802.11b_mid_chan_amb_temp_22.5C_liq_temp_20.5
C**

DUT: BlackBerry Smartphone; Type: Sample; Serial: 295B50C4

Communication System: 802.11 b (2450); Frequency: 2437 MHz

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.798$ mho/m; $\epsilon_r = 38.149$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.5, 4.5, 4.5); Calibrated: 1/11/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASYS 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (interpolated) = 0.162 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:

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

Reference Value = 10.062 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.2460

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.065 mW/g

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

Maximum value of SAR (measured) = 0.166 mW/g

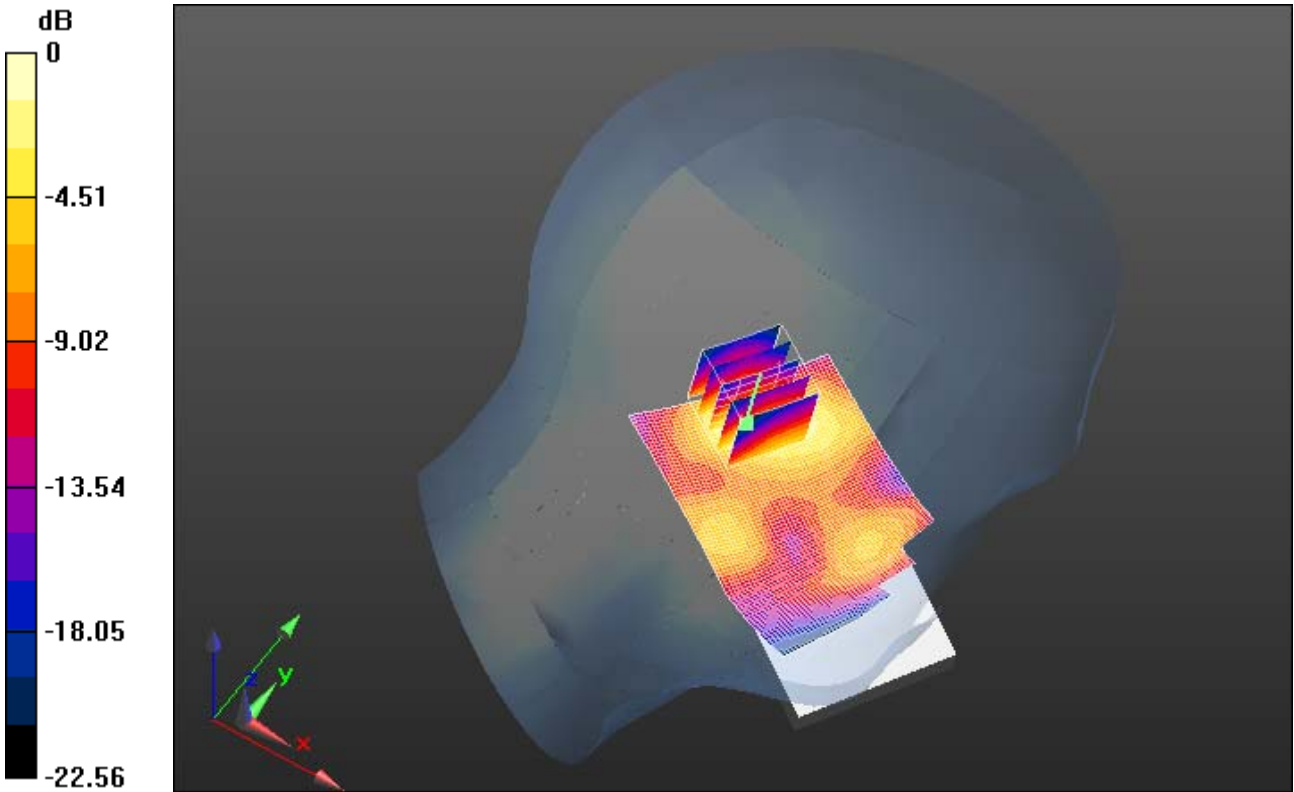
Author Data
Andrew Becker

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0 dB = 0.170mW/g = -15.39 dB mW/g

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Z axis plot for the worst case head configuration

