APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

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Date/Time: 1/19/2012 9:21:53 PM

Test Laboratory: RIM Testing Services

RightHandSide_EDGE850_mid_chan_amb_temp_22.8_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.893 mho/m; ε_r = 42.602; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(6.59, 6.59, 6.59); Calibrated: 3/9/2011
- 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
- DASY52 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) = 0.600 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.116 V/m; Power Drift = -0.25 dB
Peak SAR (extrapolated) = 0.6910
SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.425 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.606 mW/g

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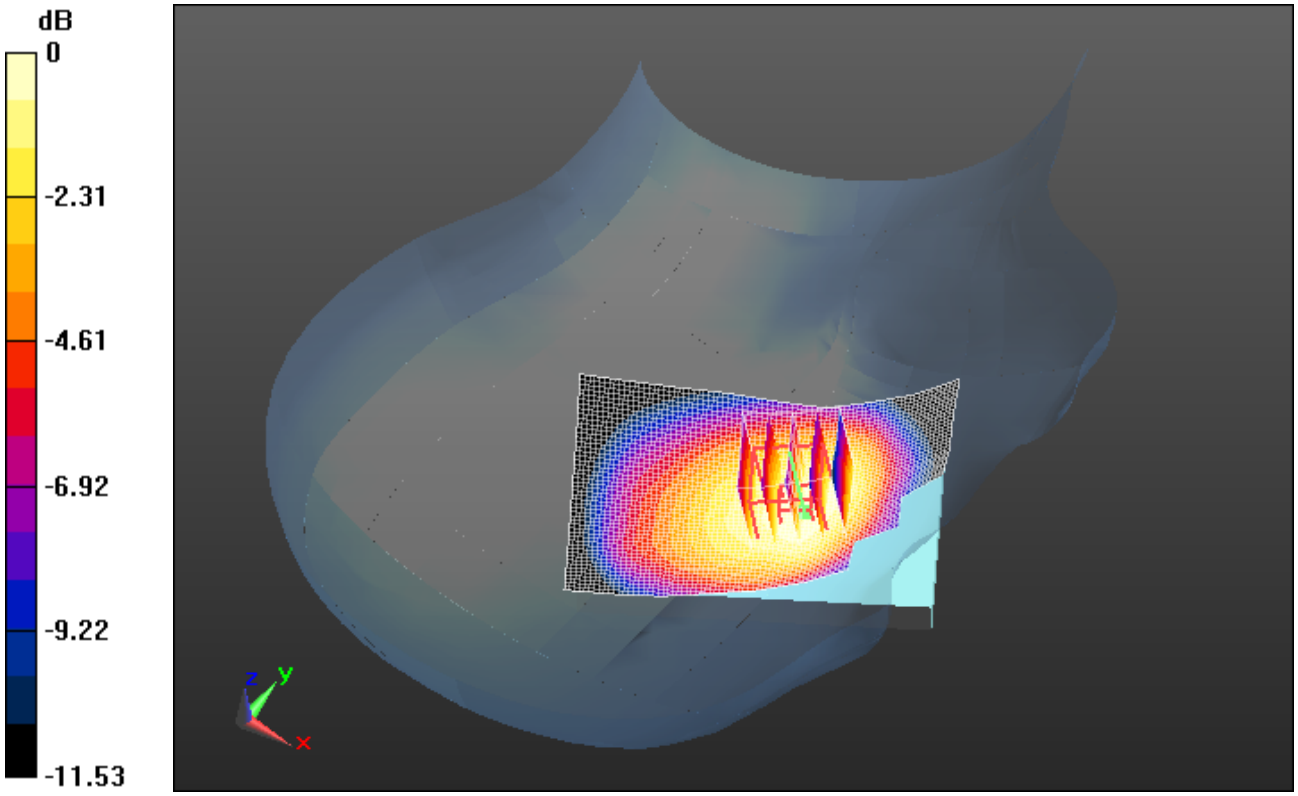

0 dB = 0.610mW/g = -4.29 dB mW/g

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Date/Time: 1/19/2012 9:40:41 PM

Test Laboratory: RIM Testing Services

RightHandSide_Tilt_EDGE850_mid_chan_amb_temp_22.8_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.893 mho/m; ε_r = 42.602; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(6.59, 6.59, 6.59); Calibrated: 3/9/2011
- 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
- DASY52 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) = 0.355 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.801 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.4090
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.249 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.354 mW/g

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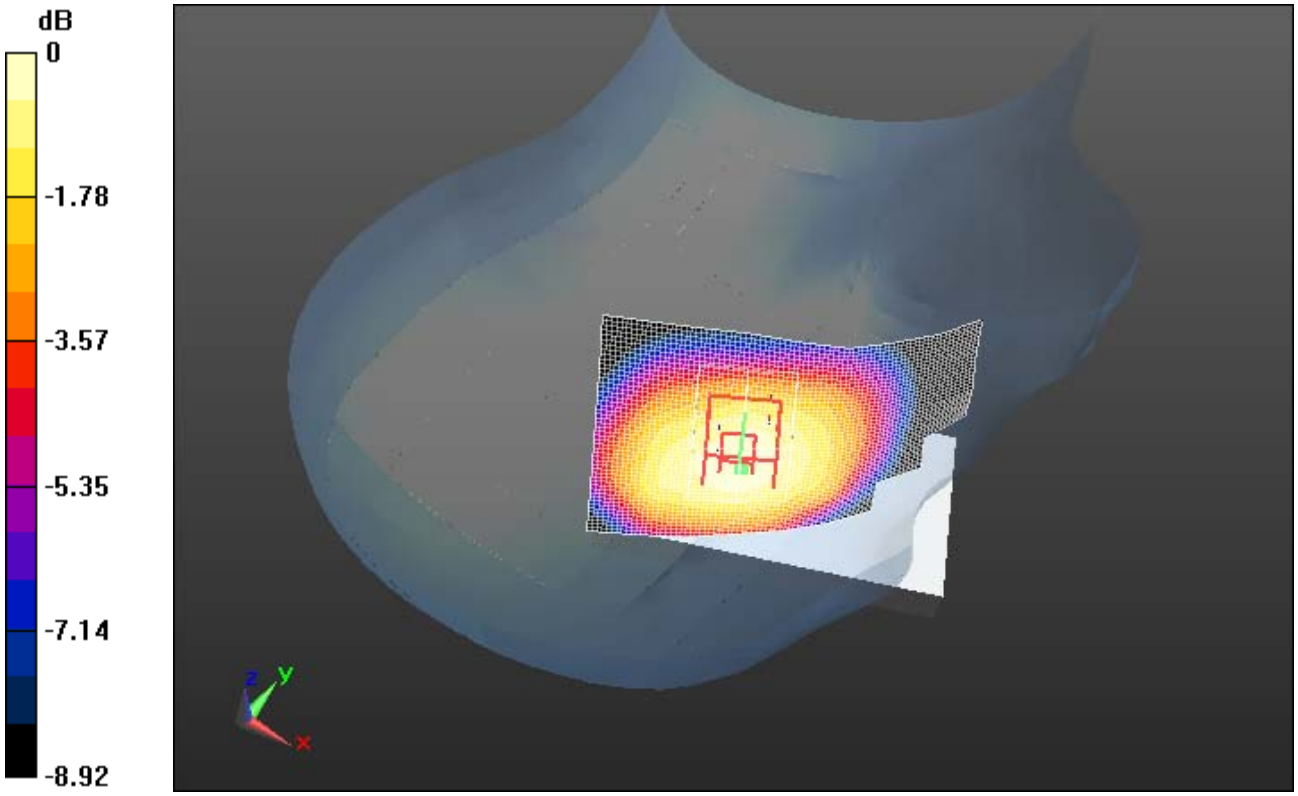

0 dB = 0.350mW/g = -9.12 dB mW/g

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Date/Time: 1/19/2012 10:20:14 PM

Test Laboratory: RIM Testing Services

RightHandSide_GSM850_mid_chan_amb_temp_22.7_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: GSM 850; Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.893 mho/m; ε_r = 42.602; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(6.59, 6.59, 6.59); Calibrated: 3/9/2011
- 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
- DASY52 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) = 0.507 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.914 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.6060
SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.360 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.518 mW/g

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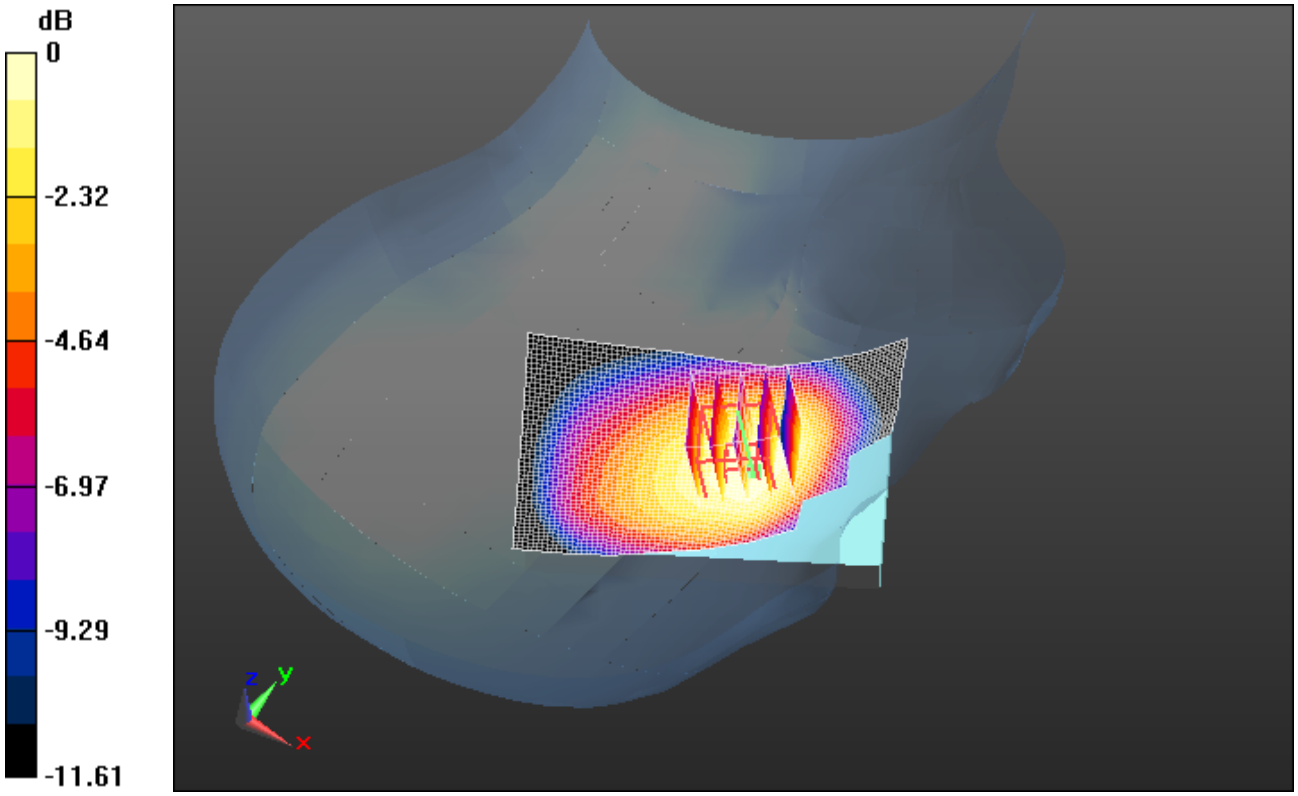

0 dB = 0.520mW/g = -5.68 dB mW/g

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Date/Time: 1/19/2012 8:30:06 PM

Test Laboratory: RIM Testing Services

LeftHandSide_EDGE850_mid_chan_amb_temp_22.7_liq_temp_20.5C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.893 mho/m; ε_r = 42.602; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(6.59, 6.59, 6.59); Calibrated: 3/9/2011
- 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
- DASY52 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) = 0.521 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.683 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.6070
SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.354 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.518 mW/g

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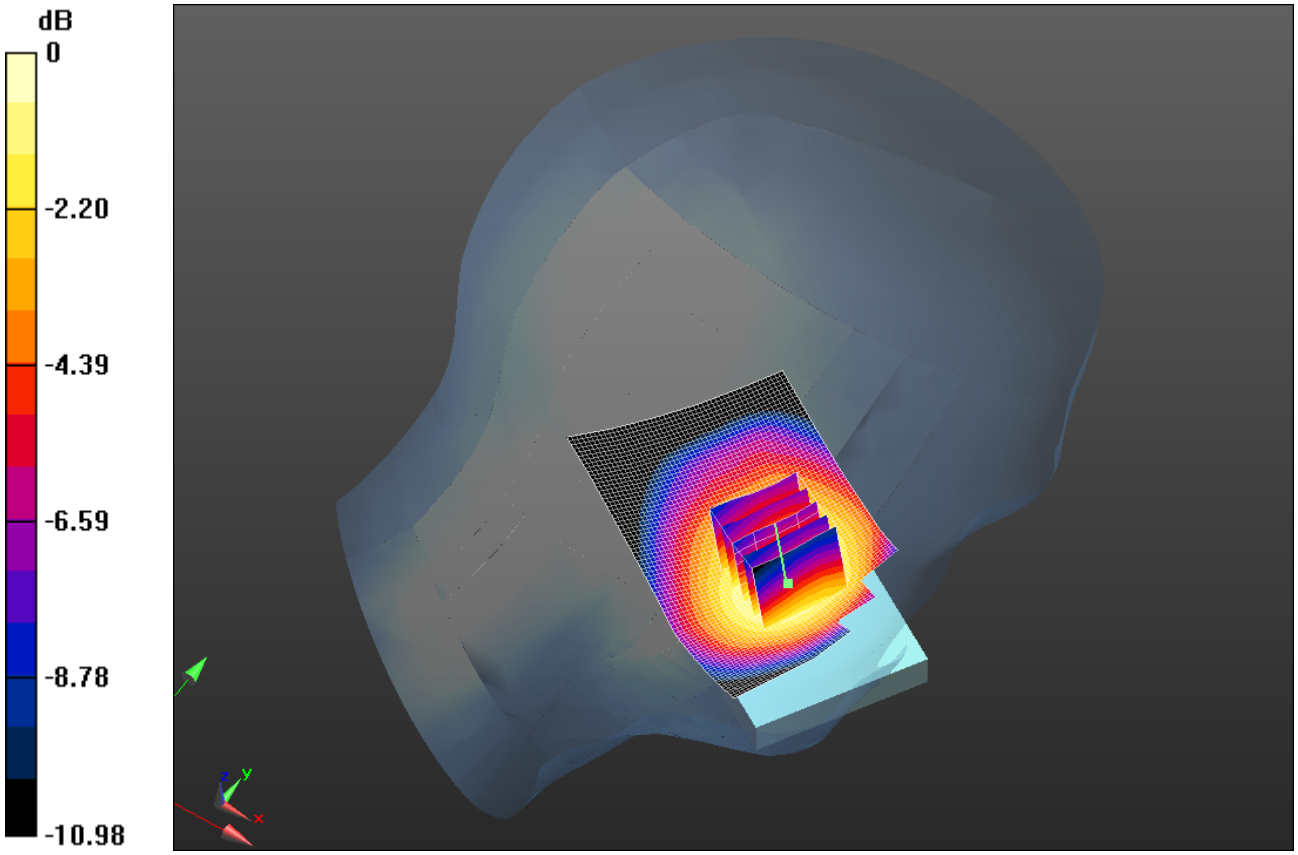

0 dB = 0.520mW/g = -5.68 dB mW/g

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Date/Time: 1/19/2012 8:48:29 PM

Test Laboratory: RIM Testing Services

LeftHandSide_Tilt_EDGE850_mid_chan_amb_temp_22.8_liq_temp_20.5 C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: EDGE 850 (2slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.893 mho/m; ε_r = 42.602; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(6.59, 6.59, 6.59); Calibrated: 3/9/2011
- 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
- DASY52 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) = 0.348 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.000 V/m; Power Drift = -0.39 dB
Peak SAR (extrapolated) = 0.3990
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.245 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.346 mW/g

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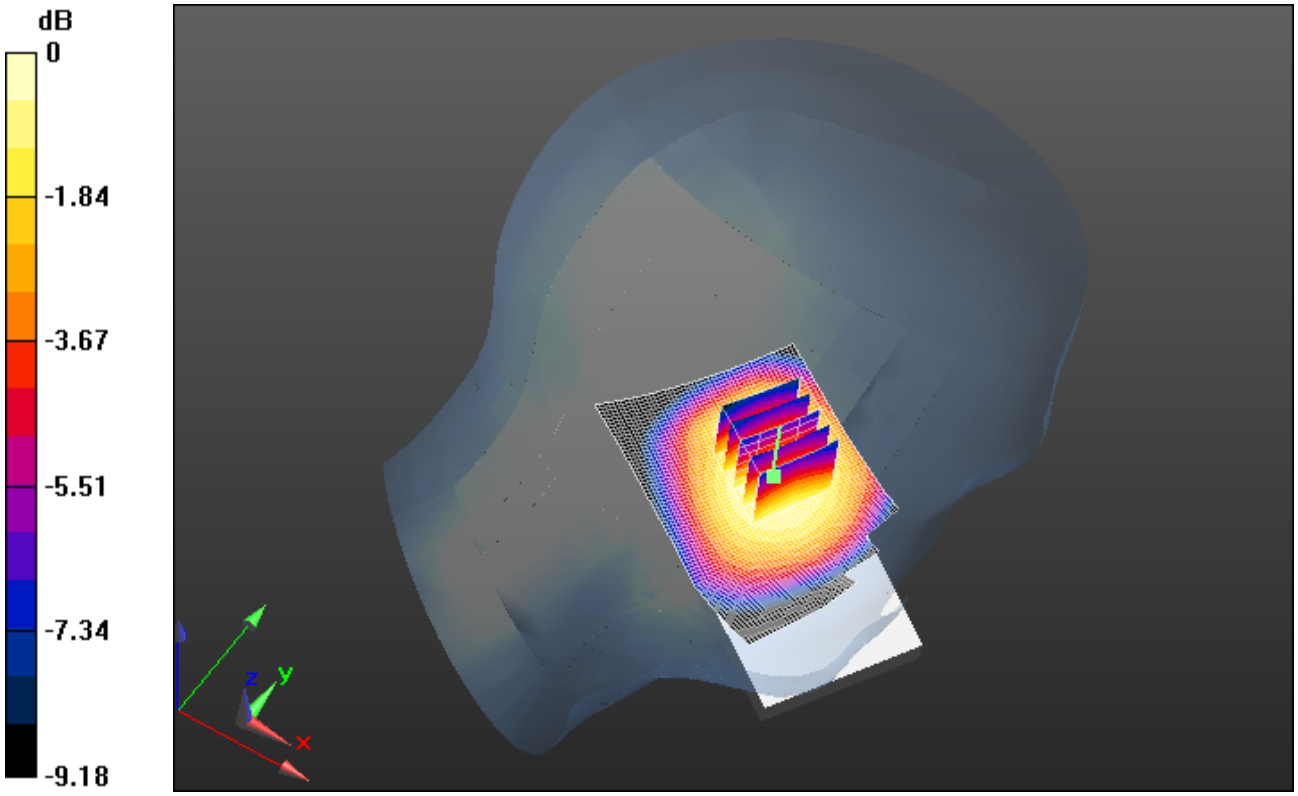

0 dB = 0.350mW/g = -9.12 dB mW/g

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Date/Time: 1/24/2012 3:22:24 PM

Test Laboratory: RIM Testing Services

RightHandSide_EDGE1900_low_chan_amb_temp_23.2_liq_temp_21.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 40.209; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 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) = 1.111 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.102 V/m; Power Drift = -0.0046 dB
Peak SAR (extrapolated) = 1.3850
SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.635 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.032 mW/g

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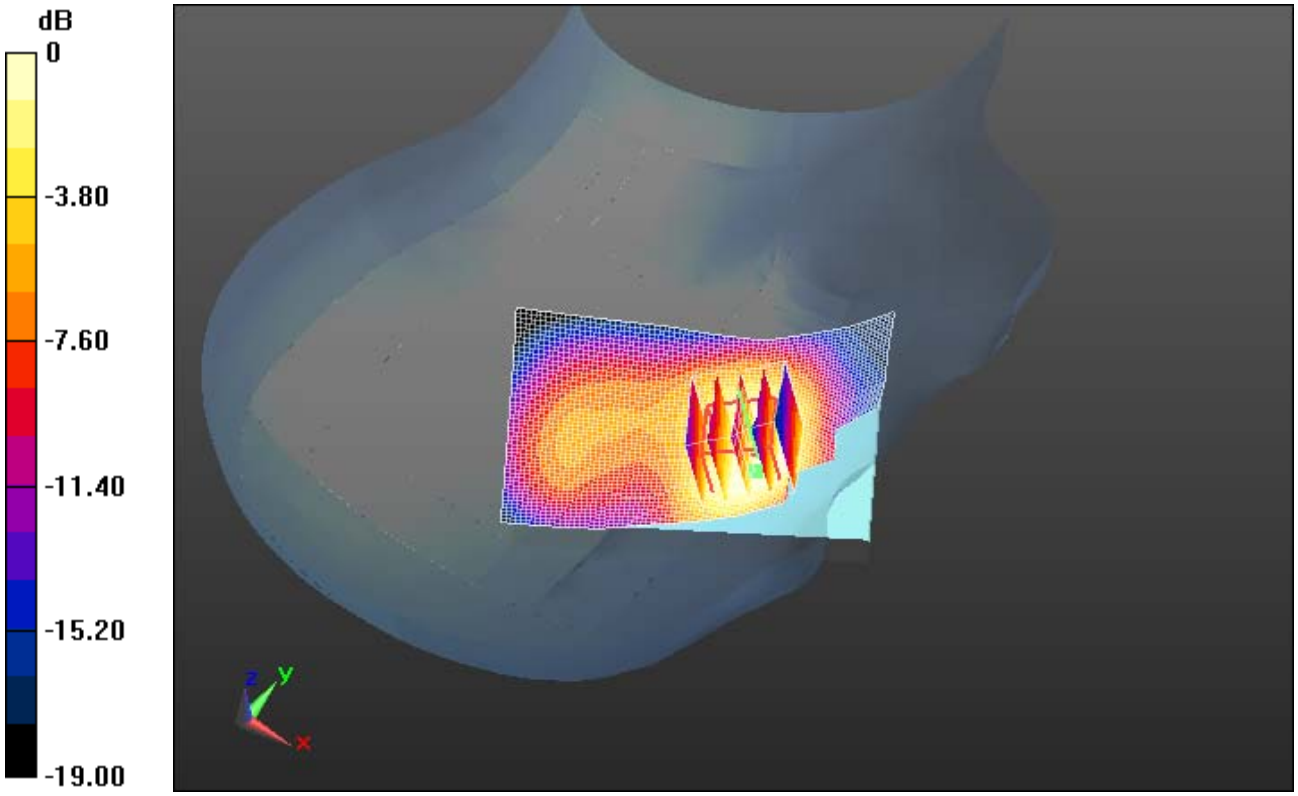

0 dB = 1.030mW/g = 0.26 dB mW/g

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Date/Time: 1/24/2012 2:57:32 PM

Test Laboratory: RIM Testing Services

RightHandSide_EDGE1900_mid_chan_amb_temp_23.1_liq_temp_21.4 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.408 mho/m; ε_r = 40.065; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.240 mW/g

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

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.755 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.4460
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.702 mW/g
Maximum value of SAR (measured) = 1.120 mW/g

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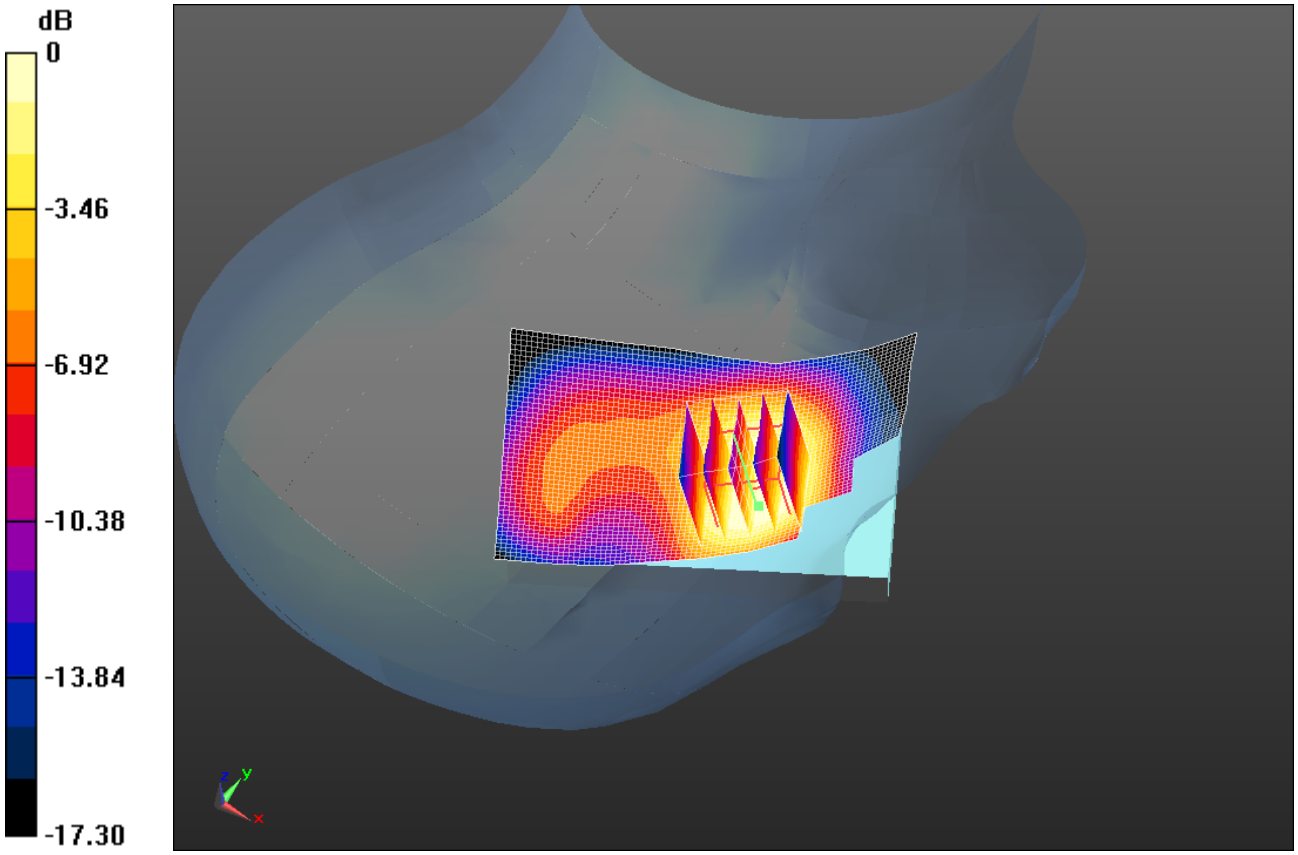

0 dB = 1.120mW/g = 0.98 dB mW/g

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Date/Time: 1/24/2012 3:43:07 PM

Test Laboratory: RIM Testing Services

RightHandSide_EDGE1900_high_chan_amb_temp_23.1_liq_temp_21.3 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.438 mho/m; ε_r = 39.977; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.276 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.010 V/m; Power Drift = -0.00021 dB
Peak SAR (extrapolated) = 1.5070
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.705 mW/g
Maximum value of SAR (measured) = 1.156 mW/g

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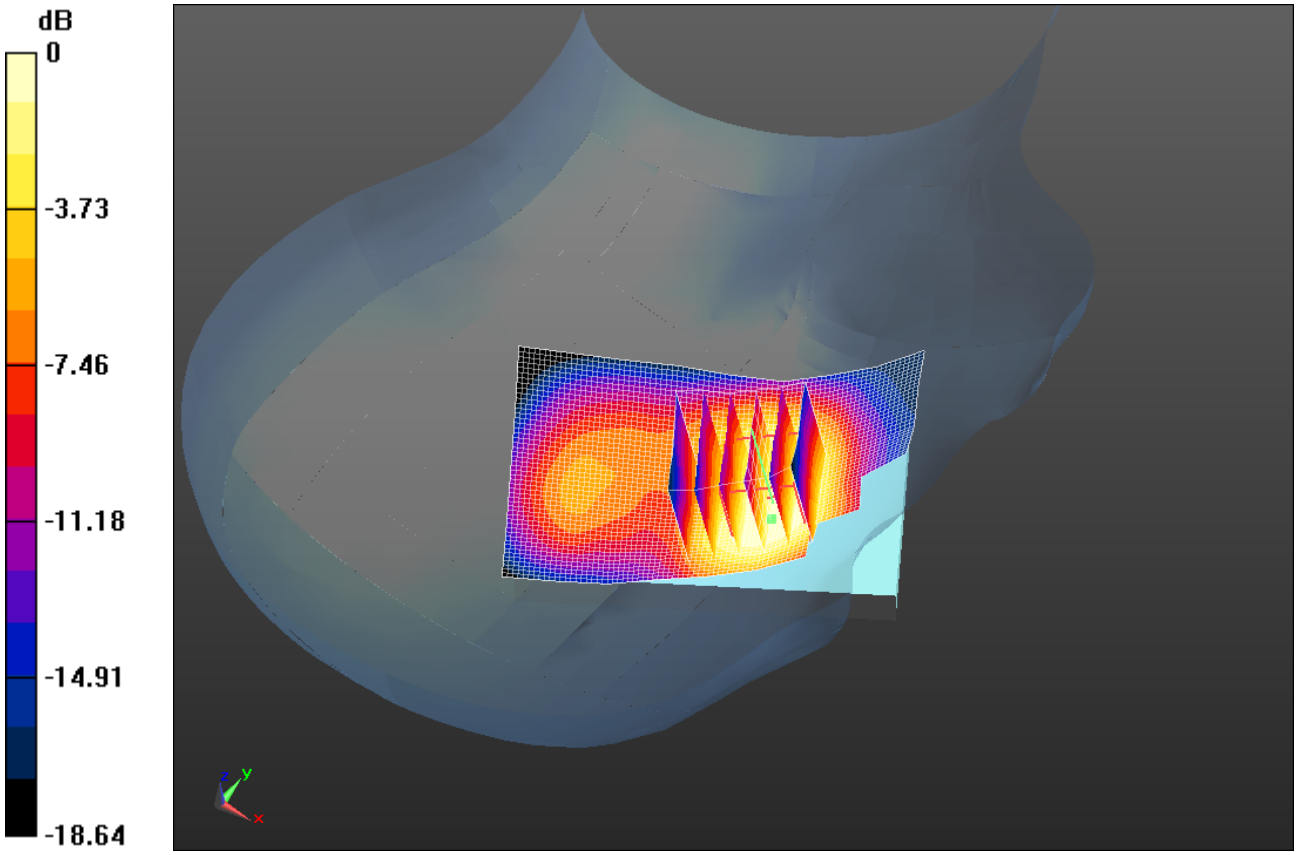

0 dB = 1.160mW/g = 1.29 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_Tilt_EDGE1900_mid_chan_amb_temp_23..3_liq_temp_21.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.408 mho/m; ε_r = 40.065; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.579 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.397 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.7170
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.314 mW/g
Maximum value of SAR (measured) = 0.538 mW/g

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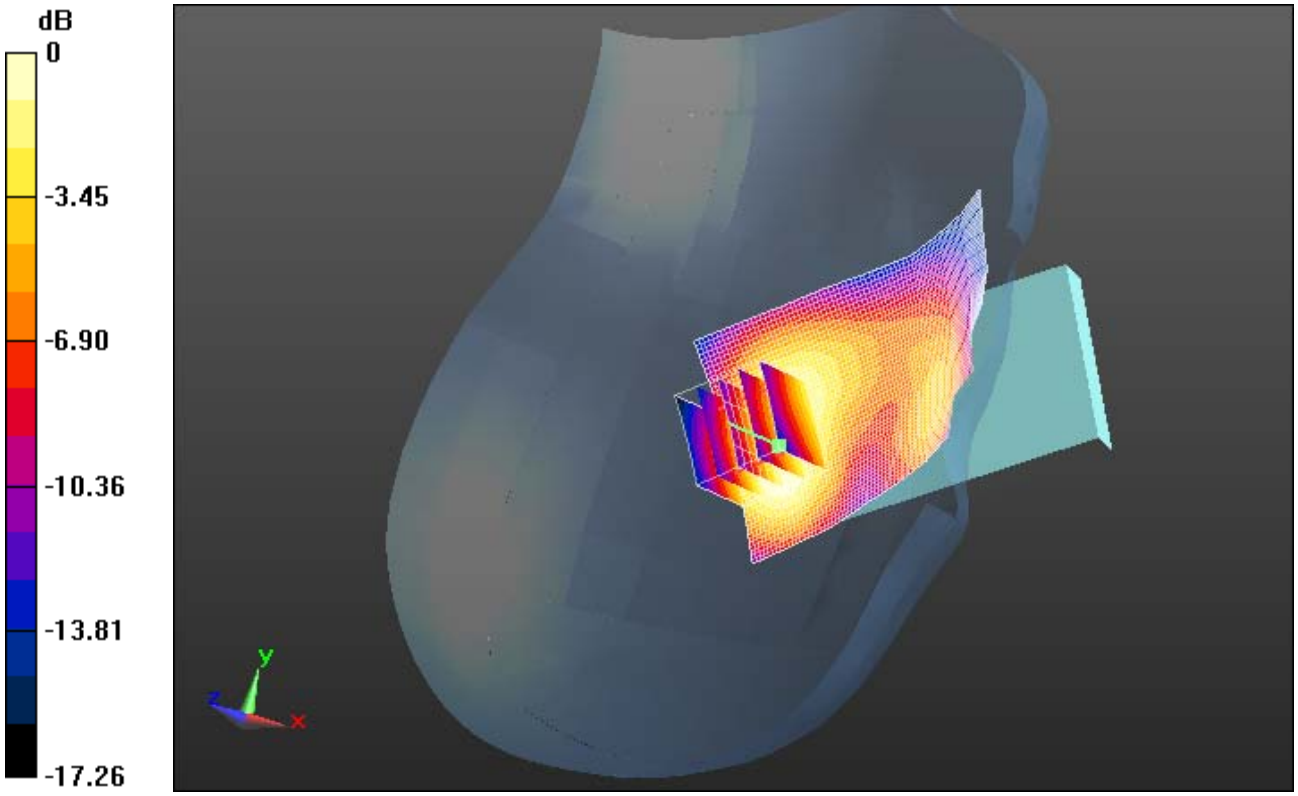

0 dB = 0.540mW/g = -5.35 dB mW/g

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Date/Time: 1/24/2012 5:42:45 PM

Test Laboratory: RIM Testing Services

LeftHandSide_EDGE1900_low_chan_amb_temp_23.2_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 40.209; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 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) = 1.448 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.258 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.8100
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.763 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.302 mW/g

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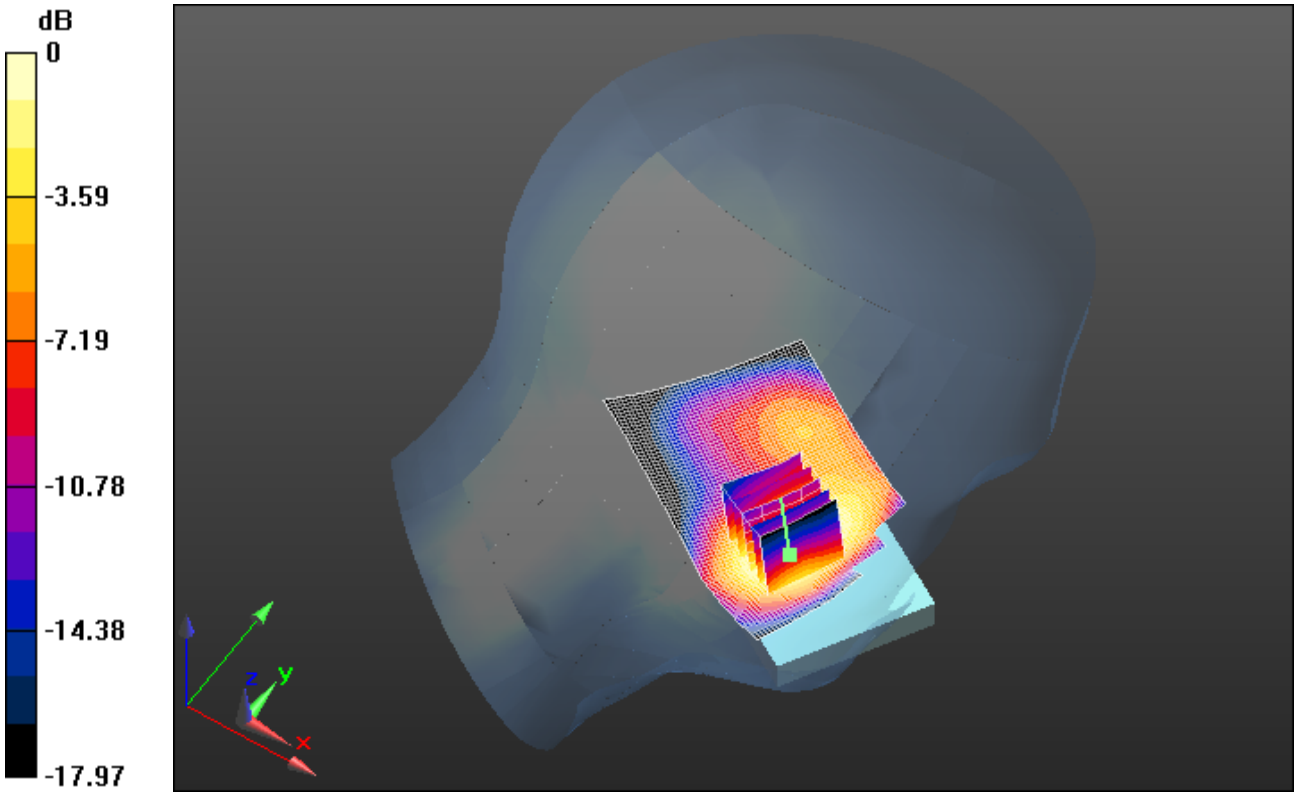

0 dB = 1.300mW/g = 2.28 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_EDGE1900_mid_chan_amb_temp_23.2_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.408 mho/m; ε_r = 40.065; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.489 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.578 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.8870
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.780 mW/g
Maximum value of SAR (measured) = 1.324 mW/g

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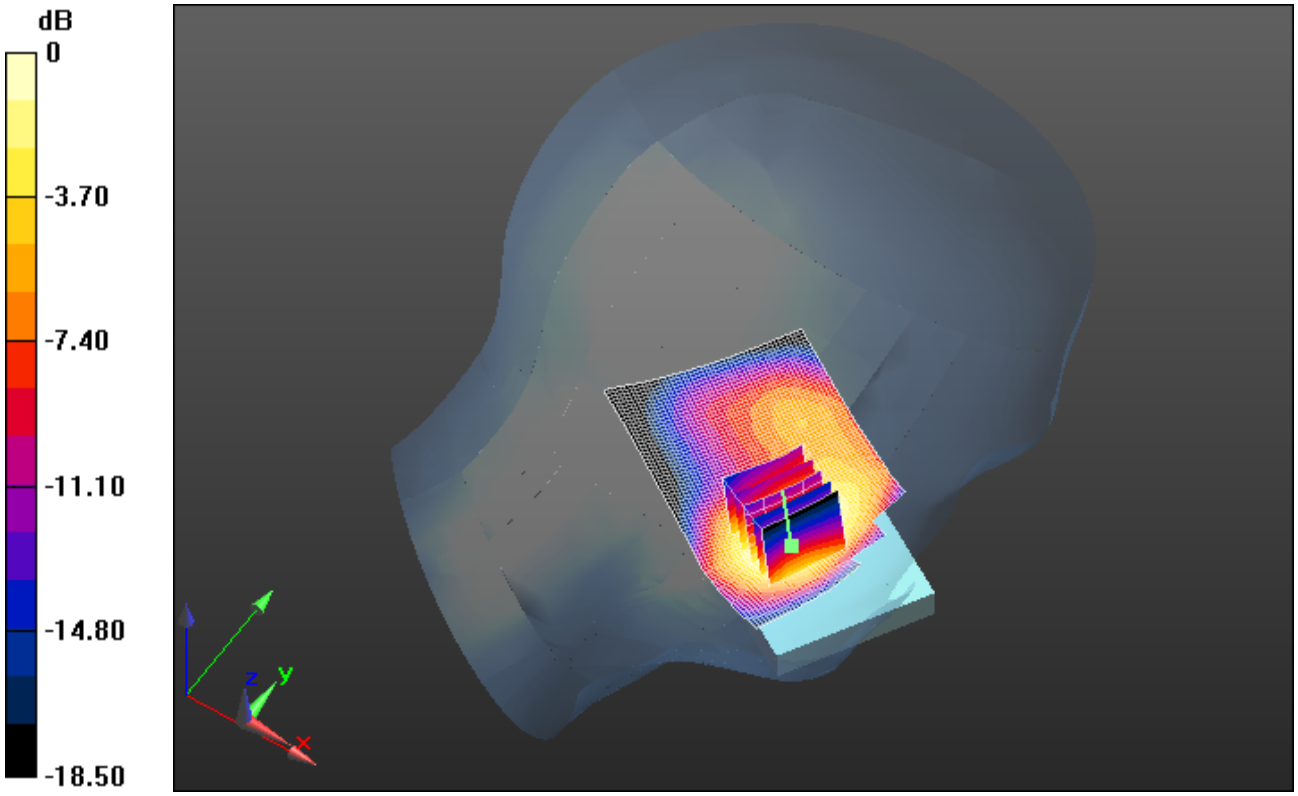

0 dB = 1.320mW/g = 2.41 dB mW/g

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Date/Time: 1/24/2012 5:56:45 PM

Test Laboratory: RIM Testing Services

LeftHandSide_EDGE1900_high_chan_amb_temp_23.1_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.438 mho/m; ε_r = 39.977; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.541 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.915 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.9830
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.826 mW/g
Maximum value of SAR (measured) = 1.398 mW/g

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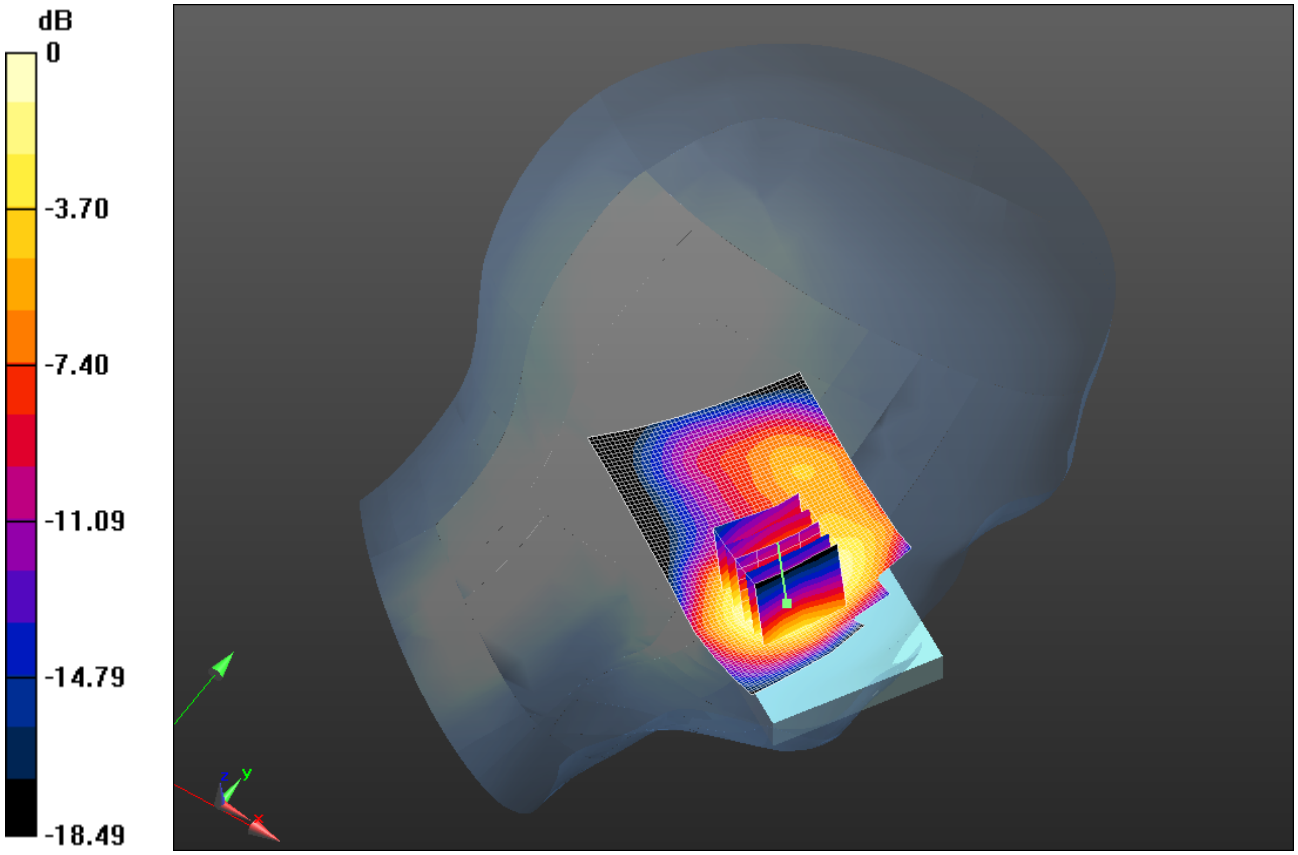

0 dB = 1.400mW/g = 2.92 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_Tilt_EDGE1900_mid_chan_amb_temp_23.0_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: EDGE 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.408 mho/m; ε_r = 40.065; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Tilt position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.614 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.144 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.7680
SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.318 mW/g
Maximum value of SAR (measured) = 0.546 mW/g

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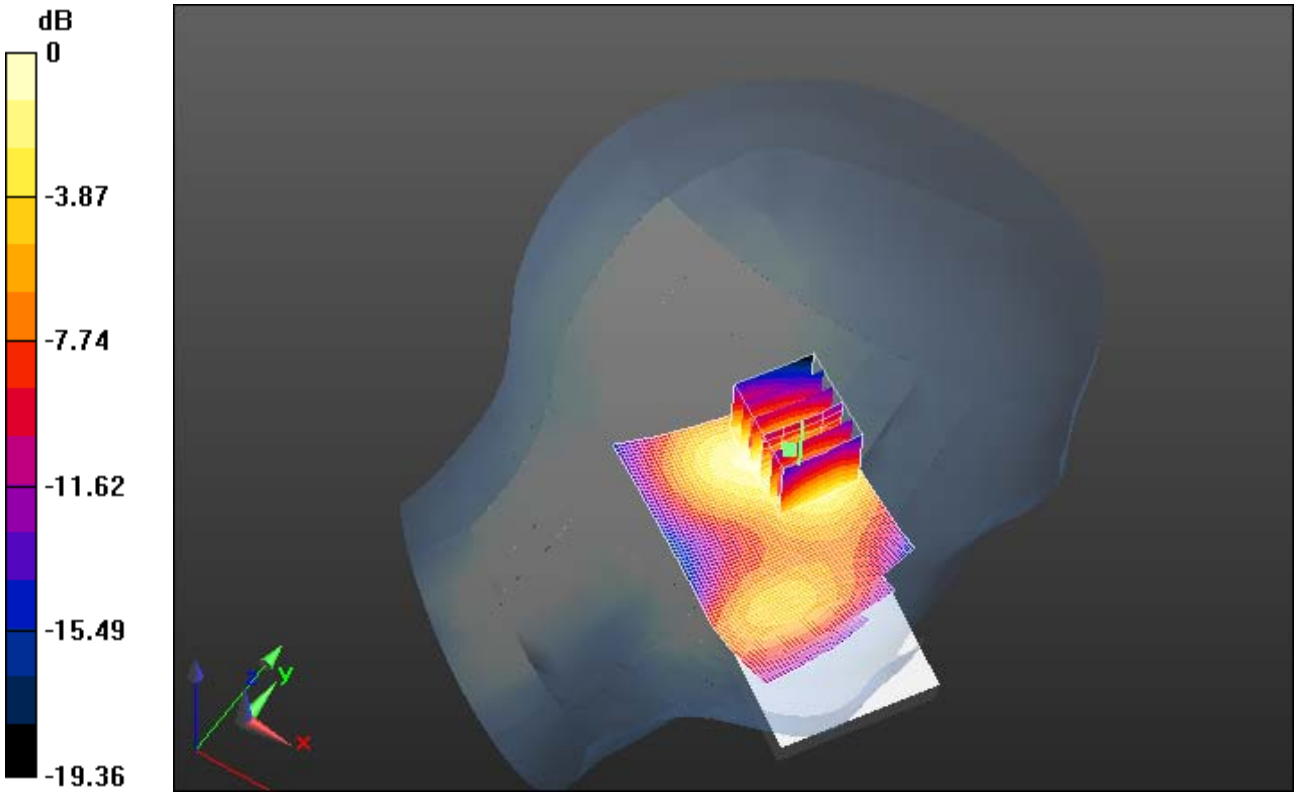

0 dB = 0.550mW/g = -5.19 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_GSM1900_mid_chan_amb_temp_23.0_liq_temp_20.4C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: GSM 1900; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.438 mho/m; ε_r = 39.977; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(5.15, 5.15, 5.15); Calibrated: 3/9/2011
- 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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.510 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.043 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.0050
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.814 mW/g
Maximum value of SAR (measured) = 1.395 mW/g

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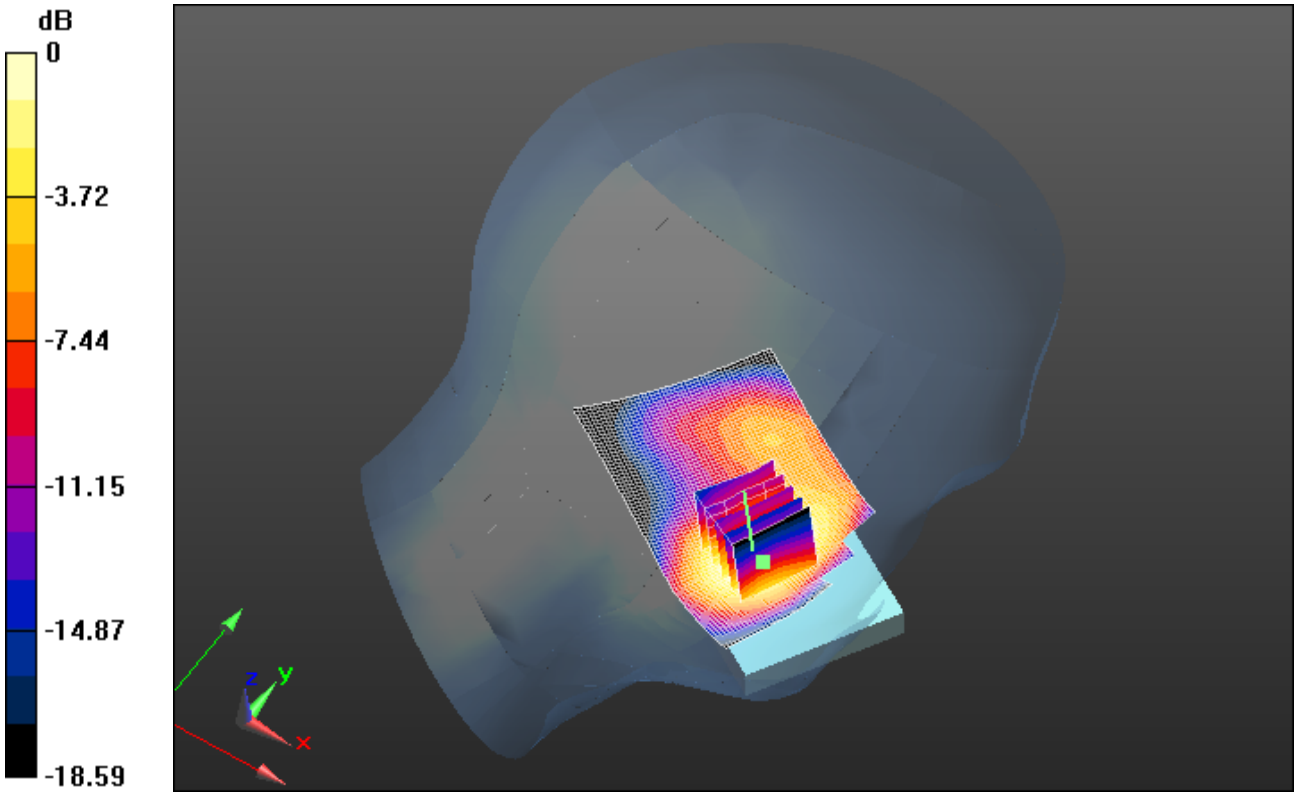

0 dB = 1.400mW/g = 2.92 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_802.11b_low_chan_amb_temp_22.2_liq_temp_21.8C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: 802.11 b (2450); Frequency: 2412 MHz
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.842 mho/m; ε_r = 40.848; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.34, 4.34, 4.34); 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
- DASY52 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) = 0.273 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.138 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.5940
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.128 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.279 mW/g

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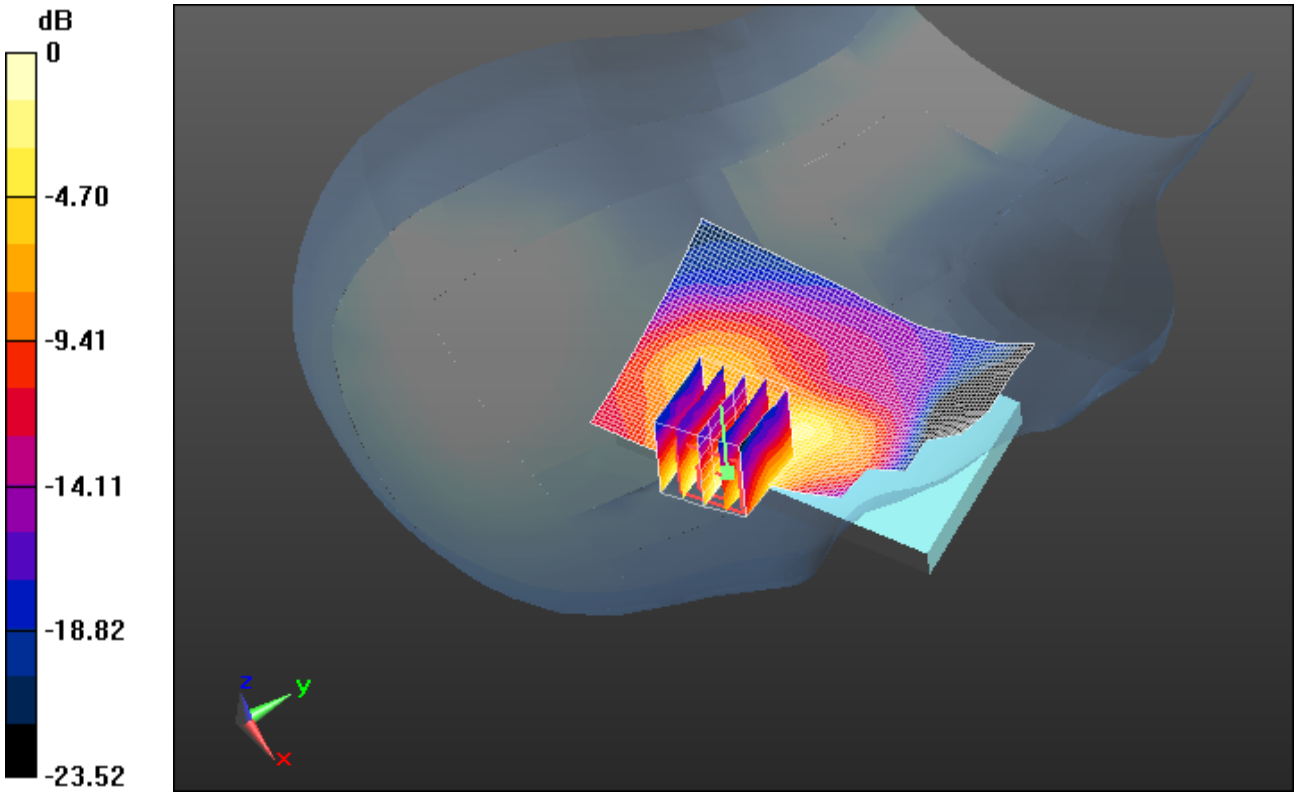

0 dB = 0.280mW/g = -11.06 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_802.11b_mid_chan_amb_temp_22.8_liq_temp_21.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: 802.11 b (2450); Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.874 mho/m; ε_r = 40.755; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.34, 4.34, 4.34); 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
- DASY52 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) = 0.269 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.774 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.5850
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.125 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.272 mW/g

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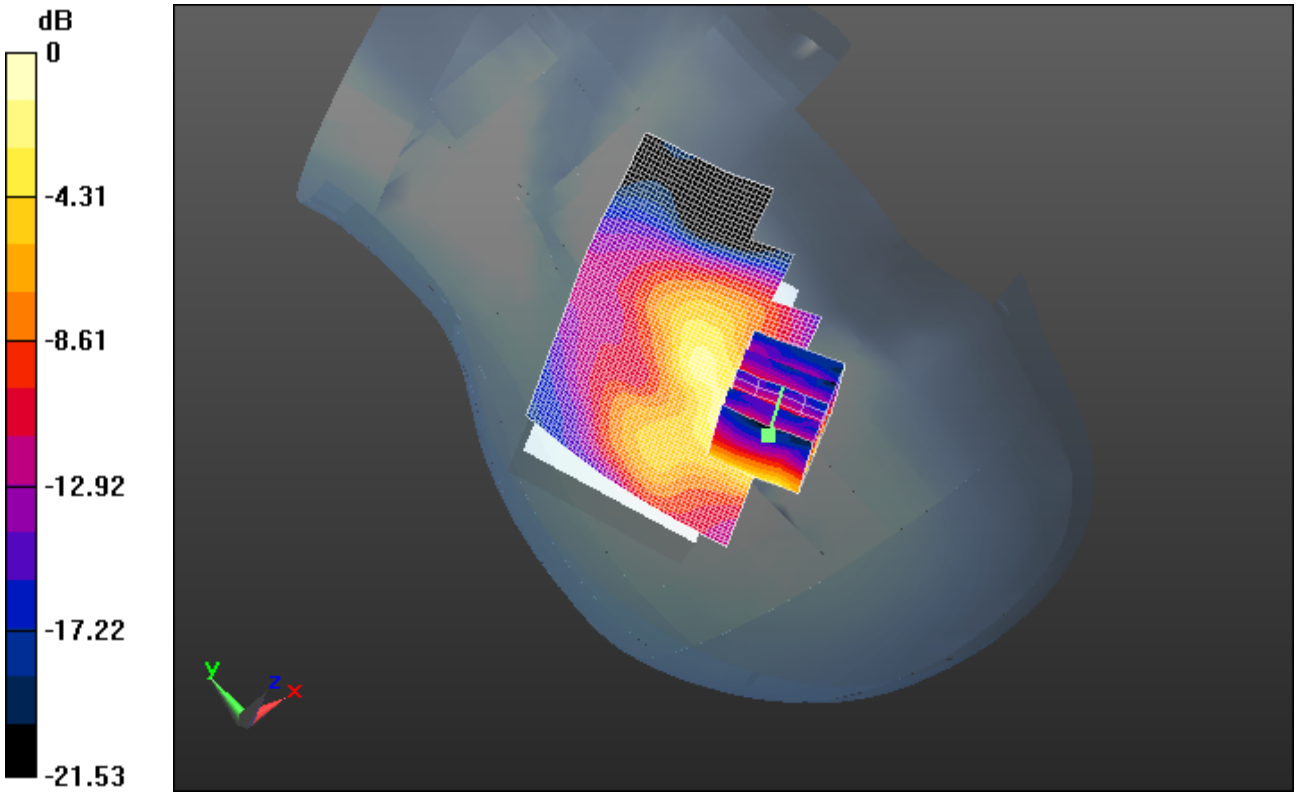

0 dB = 0.270mW/g = -11.37 dB mW/g

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Test Laboratory: RIM Testing Services

RightHandSide_802.11b_high_chan_amb_temp_22.8_liq_temp_21.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: 802.11 b (2450); Frequency: 2462 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.907 mho/m; ε_r = 40.685; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.34, 4.34, 4.34); 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
- DASY52 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 Total (interpolated) = 2.240 mW/g m

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.492 V/m; Power Drift = -0.51 dB
Peak SAR (extrapolated) = 0.7160
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.118 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.296 mW/g

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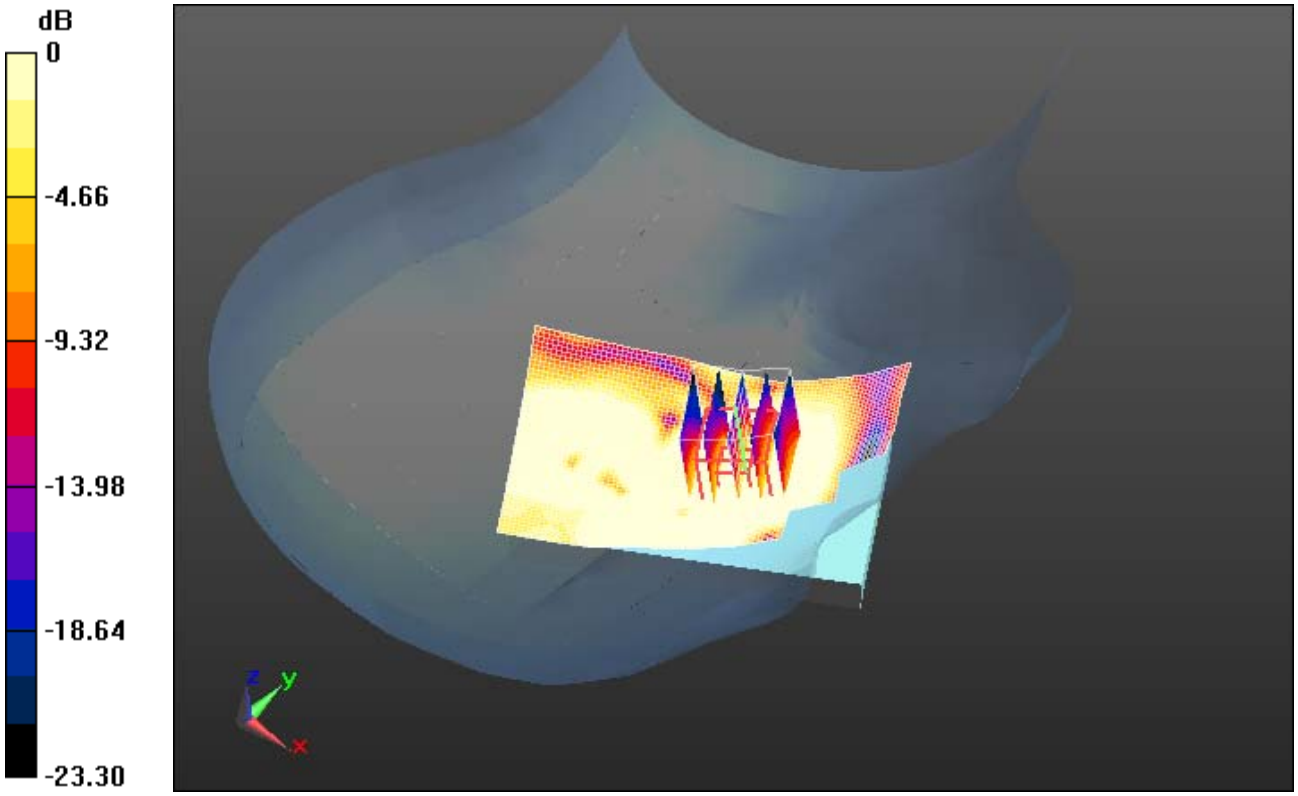

0 dB = 0.300mW/g m = -10.46 dB mW/g m

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Test Laboratory: RIM Testing Services

RightHandSide_Tilt_802.11b_high_chan_amb_temp_23.3_liq_temp_21.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 293A70D3

Communication System: 802.11 b (2450); Frequency: 2462 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.907 mho/m; ε_r = 40.685; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.34, 4.34, 4.34); 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
- DASY52 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) = 0.188 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.804 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.3410
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.077 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.171 mW/g

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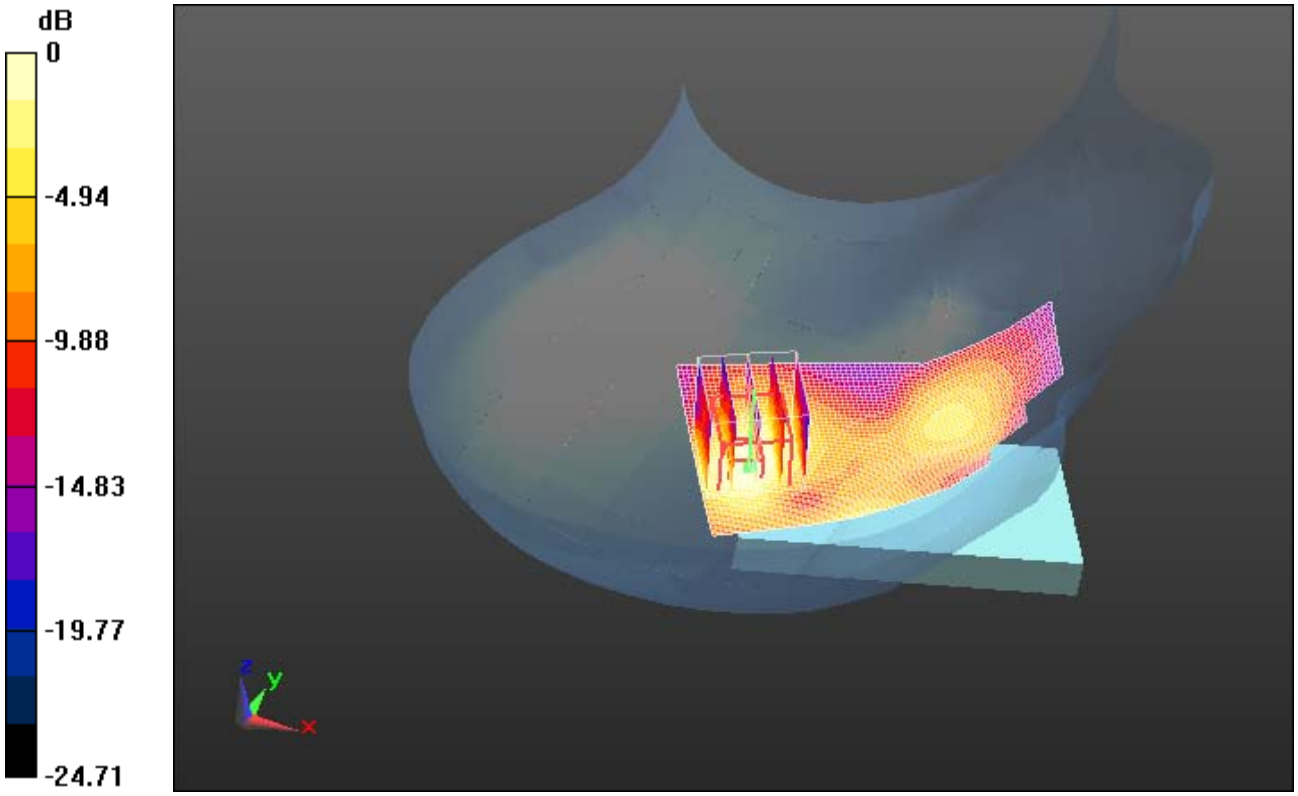

0 dB = 0.170mW/g = -15.39 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_802.11b_high_chan_amb_temp_23.3_liq_temp_21.3C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: 802.11 b (2450); Frequency: 2462 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.907 mho/m; ε_r = 40.685; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.34, 4.34, 4.34); 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
- DASY52 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) = 0.256 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.608 V/m; Power Drift = -0.53 dB
Peak SAR (extrapolated) = 0.6950
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.086 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.246 mW/g

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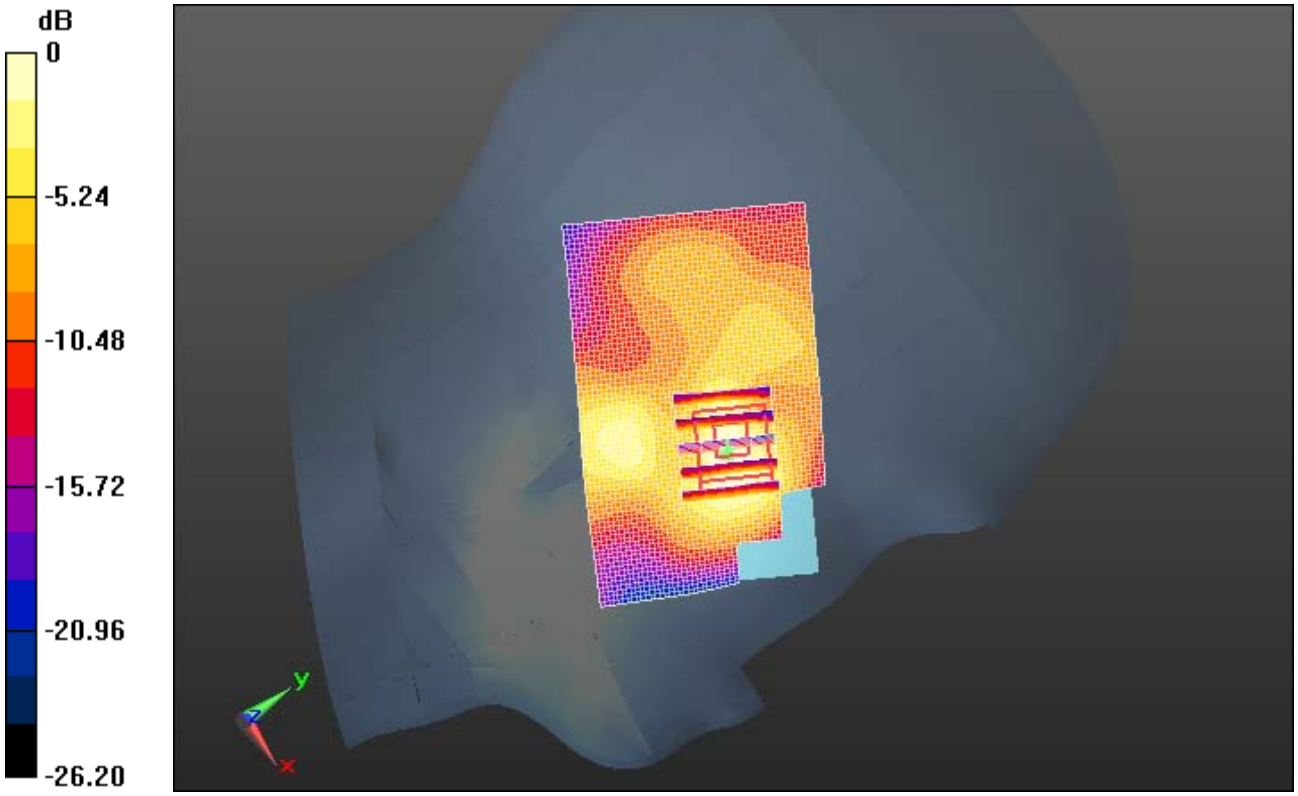

0 dB = 0.250mW/g = -12.04 dB mW/g

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Test Laboratory: RIM Testing Services

LeftHandSide_Tilt_802.11b_high_chan_amb_temp_22.9_liq_temp_21.2 C

DUT: BlackBerry Smartphone; Type: Sample; Serial: 293A70D3

Communication System: 802.11 b (2450); Frequency: 2462 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.907 mho/m; ε_r = 40.685; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.34, 4.34, 4.34); 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
- DASY52 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) = 0.163 mW/g

Configuration/Tilt position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.748 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.3050
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.069 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.166 mW/g

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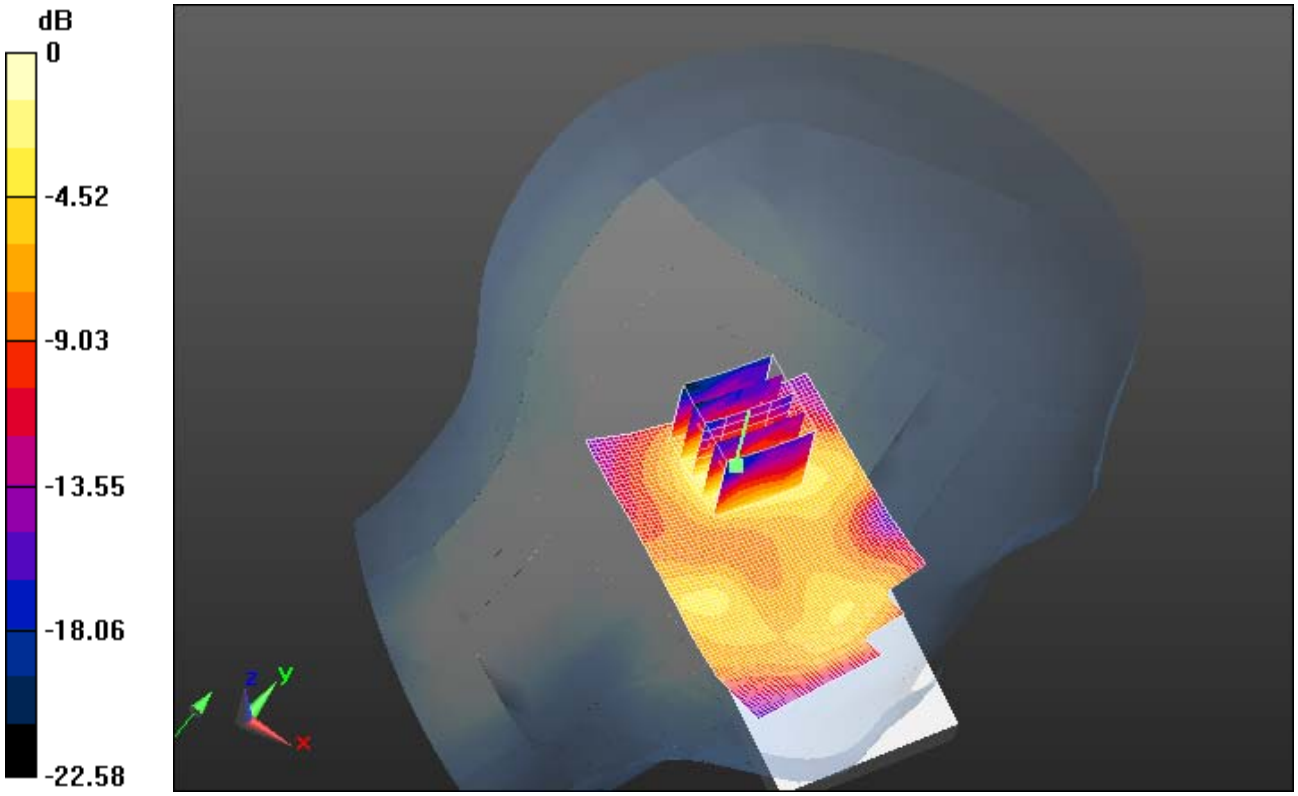

0 dB = 0.170mW/g = -15.39 dB mW/g

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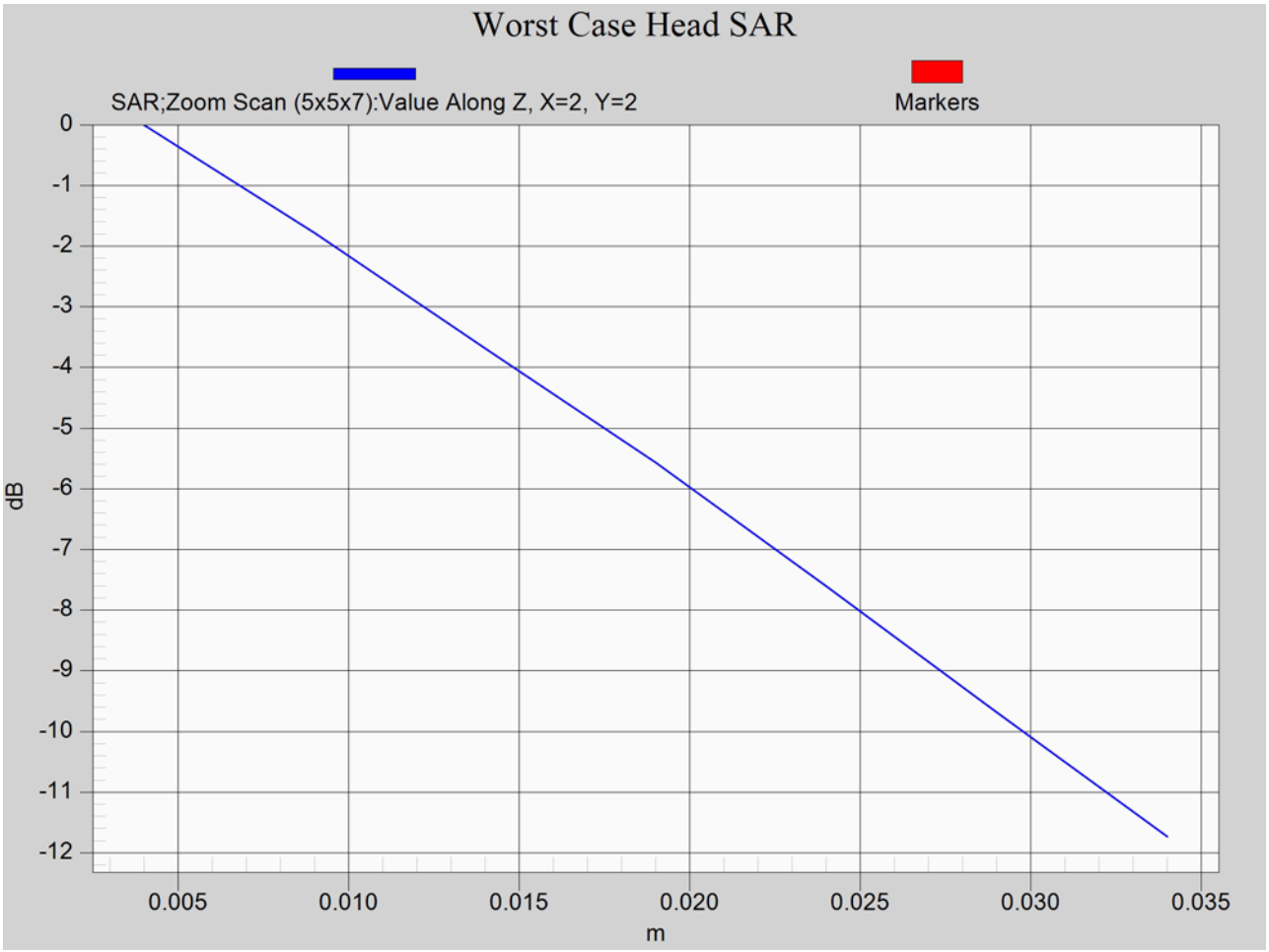
Z axis plot for the worst case head configuration



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