APPENDIX B: SAR DISTRIBUTION PLOTS FOR MOBILE HOT SPOT

Date/Time: 1/9/2012 7:58:48 PM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS850_mid_chan_amb_temp_24.1_liq_temp_21.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 850; Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.97 mho/m; ε_r = 56.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

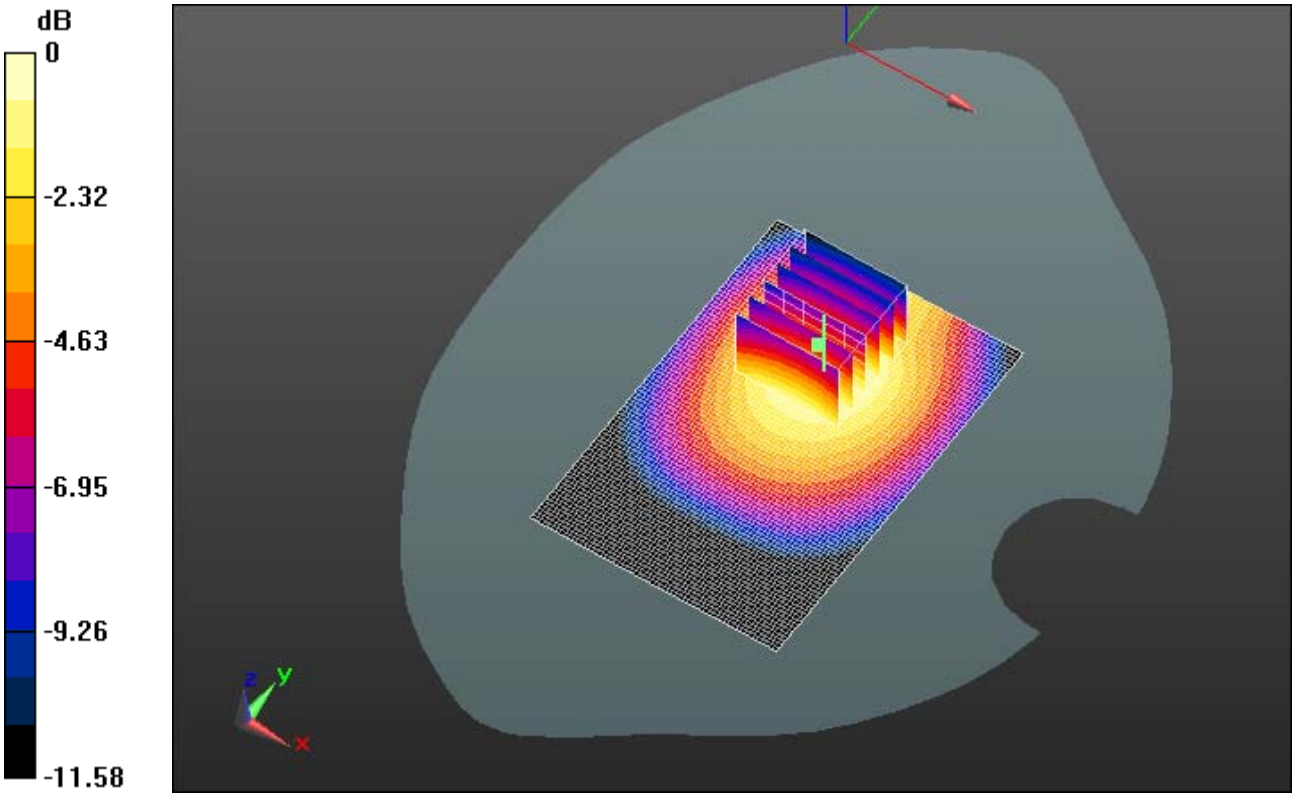
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.547 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.199 V/m; Power Drift = 0.27 dB
Peak SAR (extrapolated) = 0.7060
SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.380 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.560mW/g = -5.04 dB mW/g

Date/Time: 1/9/2012 9:54:05 PM

Test Laboratory: RIM Testing Services

MHS_Front_GPRS850_mid_chan_amb_temp_23.4_liq_temp_20.9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 850; Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.97 mho/m; ε_r = 56.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

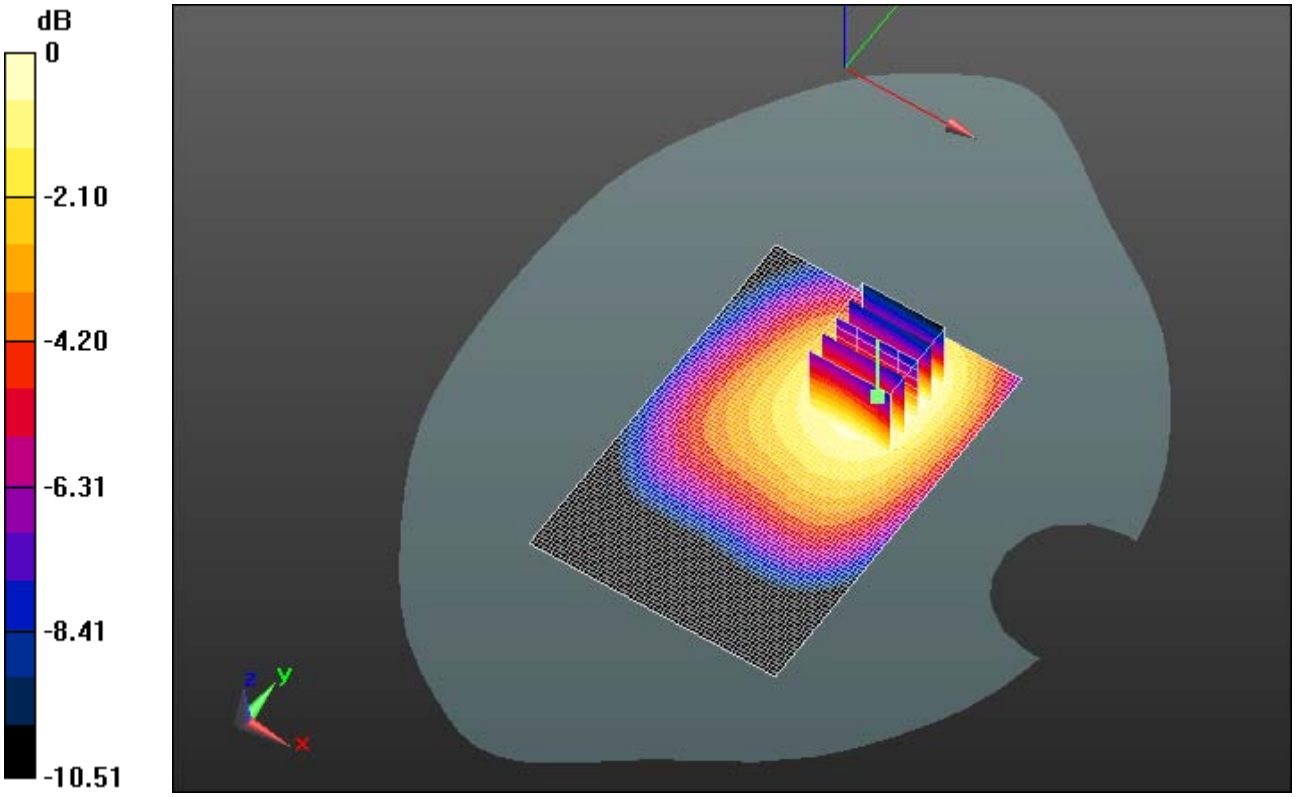
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.339 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.192 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.4130
SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.224 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.334 mW/g



0 dB = 0.330mW/g = -9.63 dB mW/g

Date/Time: 1/9/2012 11:25:17 PM

Test Laboratory: RIM Testing Services

MHS_Right_GPRS850_mid_chan_amb_temp_23.2_liq_temp_20.7C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 850; Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.97 mho/m; ε_r = 56.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

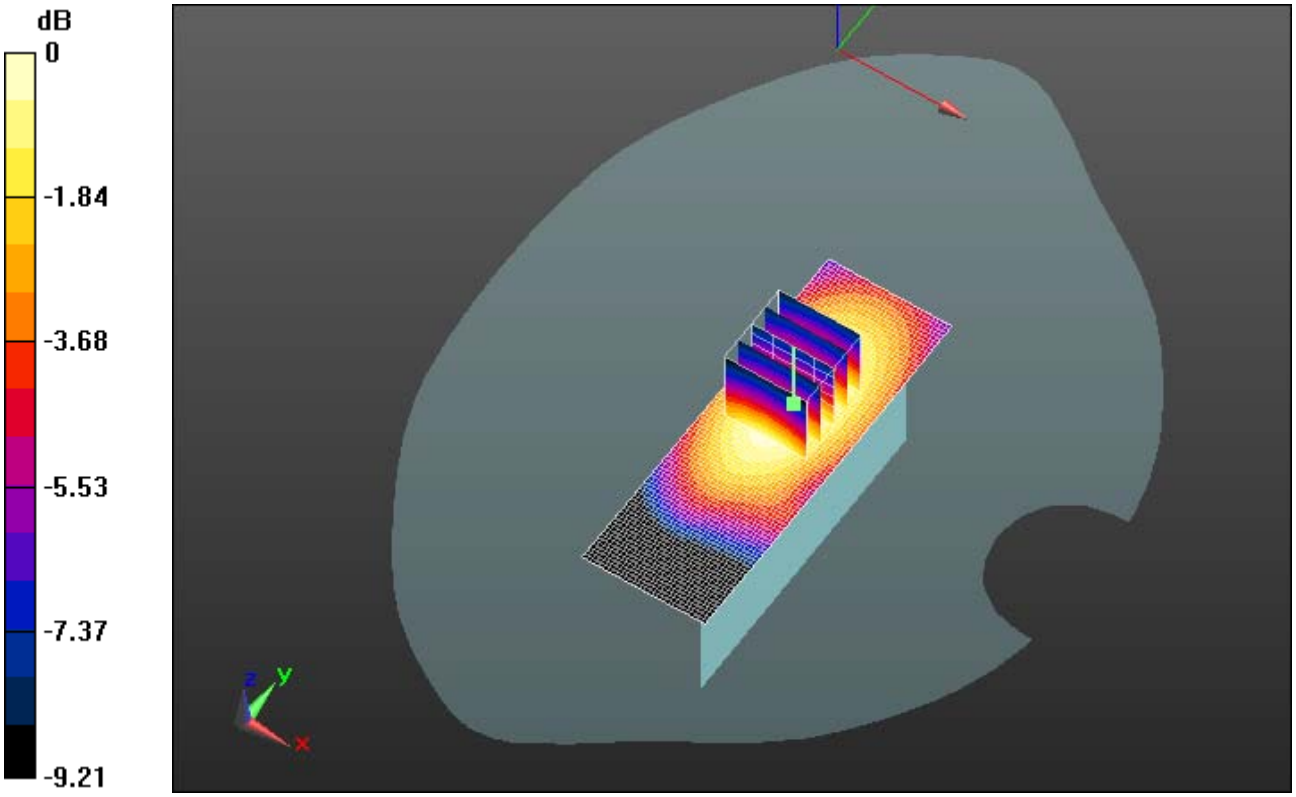
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.244 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.262 V/m; Power Drift = -0.43 dB
Peak SAR (extrapolated) = 0.3100
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.158 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.240mW/g = -12.40 dB mW/g

Date/Time: 1/10/2012 12:00:35 AM

Test Laboratory: RIM Testing Services

MHS_Left_GPRS850_mid_chan_amb_temp_23.3_liq_temp_21.0C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 850; Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.97 mho/m; ε_r = 56.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

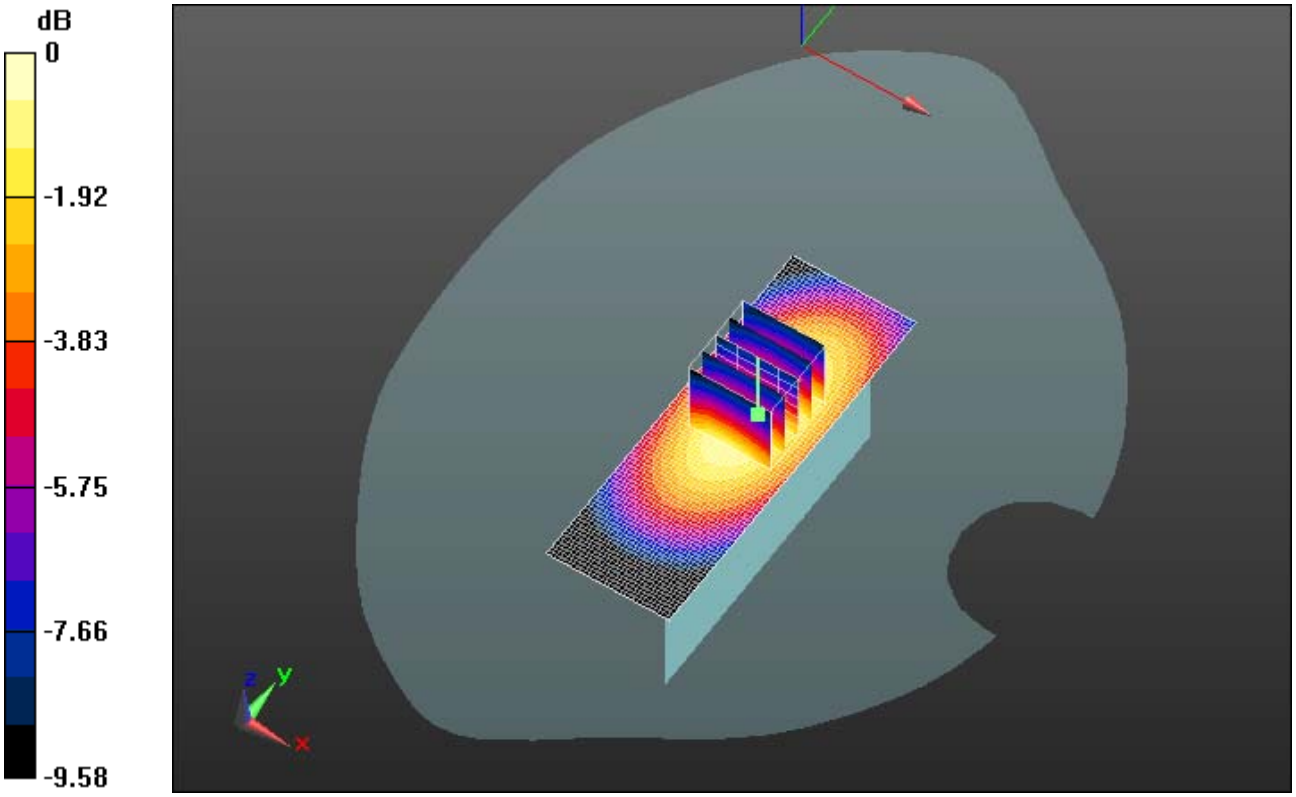
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x91x1): 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 = 17.685 V/m; Power Drift = 2.55 dB
Peak SAR (extrapolated) = 0.3410
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.170 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.269 mW/g



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

Date/Time: 1/10/2012 12:59:36 AM

Test Laboratory: RIM Testing Services

MHS_Bottom_GPRS850_mid_chan_amb_temp_23.3_liq_temp_20.8C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 850; Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.97 mho/m; ε_r = 56.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

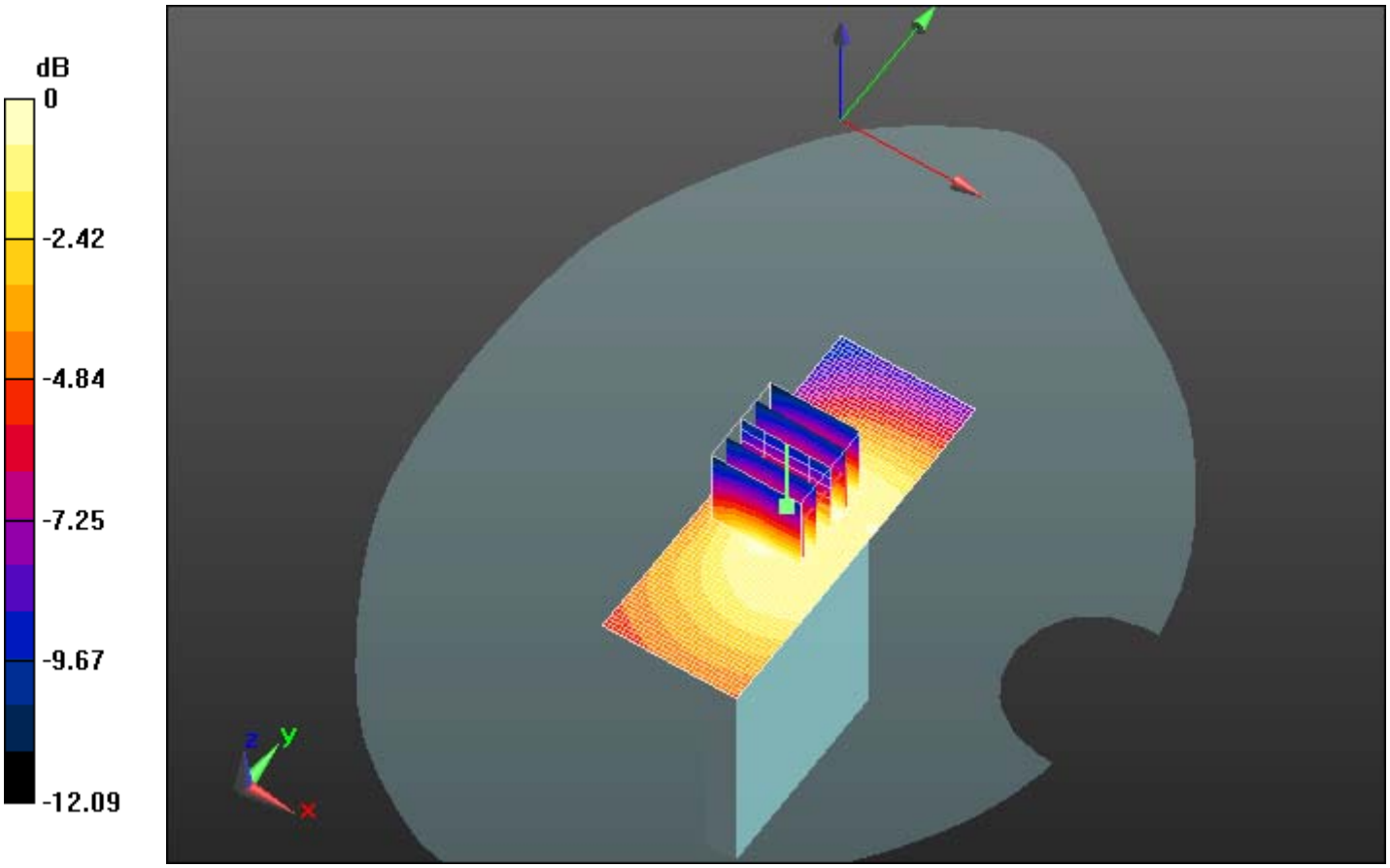
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.054 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.758 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0950
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.031 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.050mW/g = -26.02 dB mW/g

Date/Time: 1/10/2012 10:05:40 AM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS850_3_slots_mid_chan_amb_temp_23.6_liq_temp_21.9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 850 (3 slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.97 mho/m; ε_r = 56.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

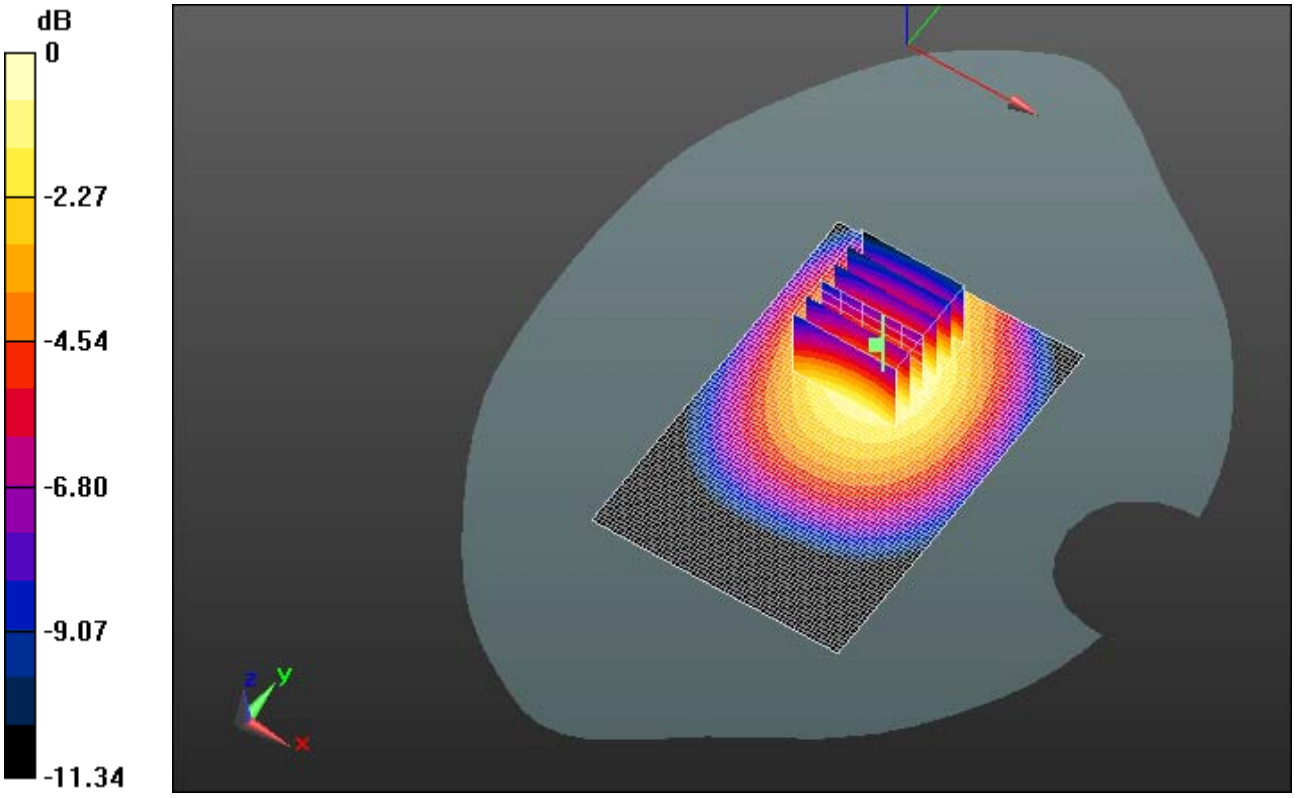
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.555 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.7720
SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.422 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.621 mW/g



0 dB = 0.620mW/g = -4.15 dB mW/g

Date/Time: 1/10/2012 10:34:35 AM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS850_4_slots_mid_chan_amb_temp_23.5_liq_temp_21.7C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 850 (4 slots); Frequency: 836.8 MHz
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.97 mho/m; ε_r = 56.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

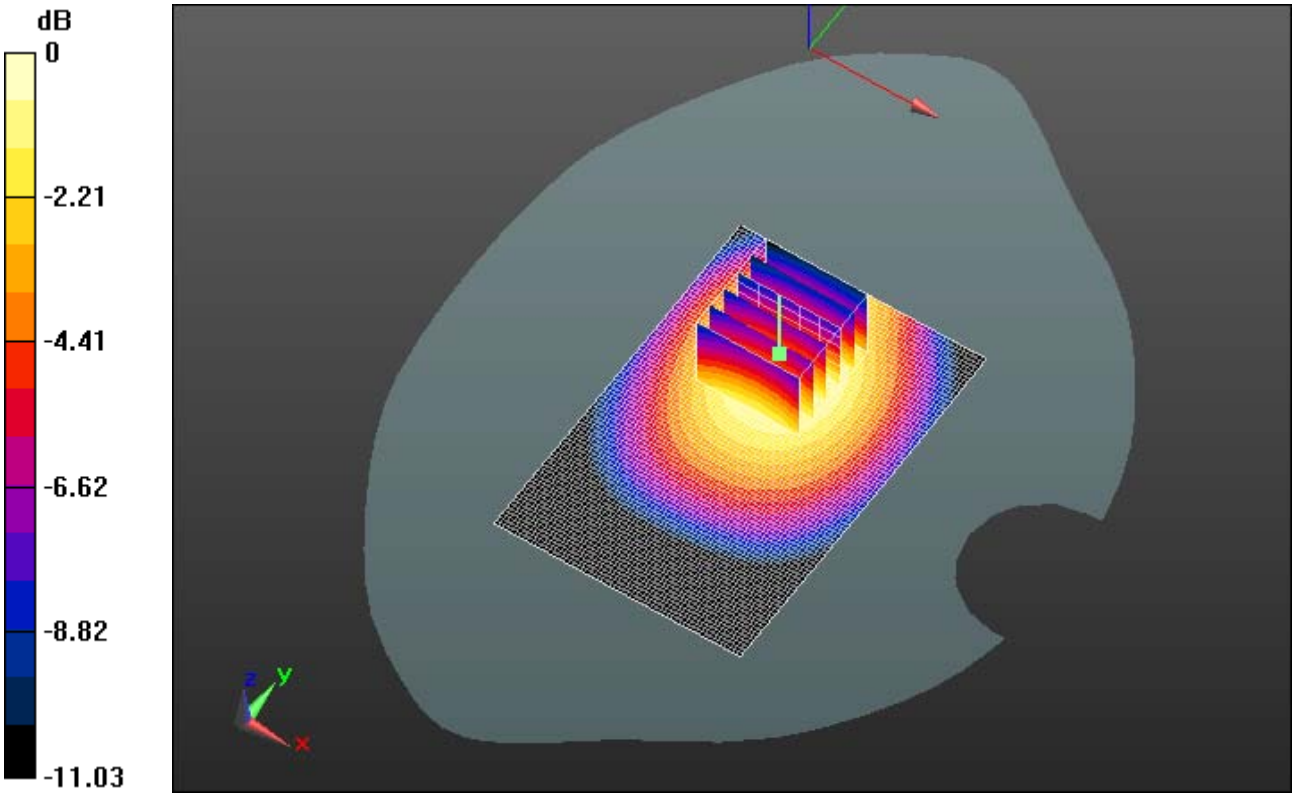
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.530 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.406 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.6450
SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.351 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.520 mW/g



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

Date/Time: 1/10/2012 12:59:36 AM

Date/Time: 1/10/2012 11:39:56 AM

Test Laboratory: RIM Testing Services

MHS_Back_UMTS band_V_low_chan_amb_temp_23.3_liq_temp_21.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD V; Frequency: 826.4 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.957 mho/m; ε_r = 56.504; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

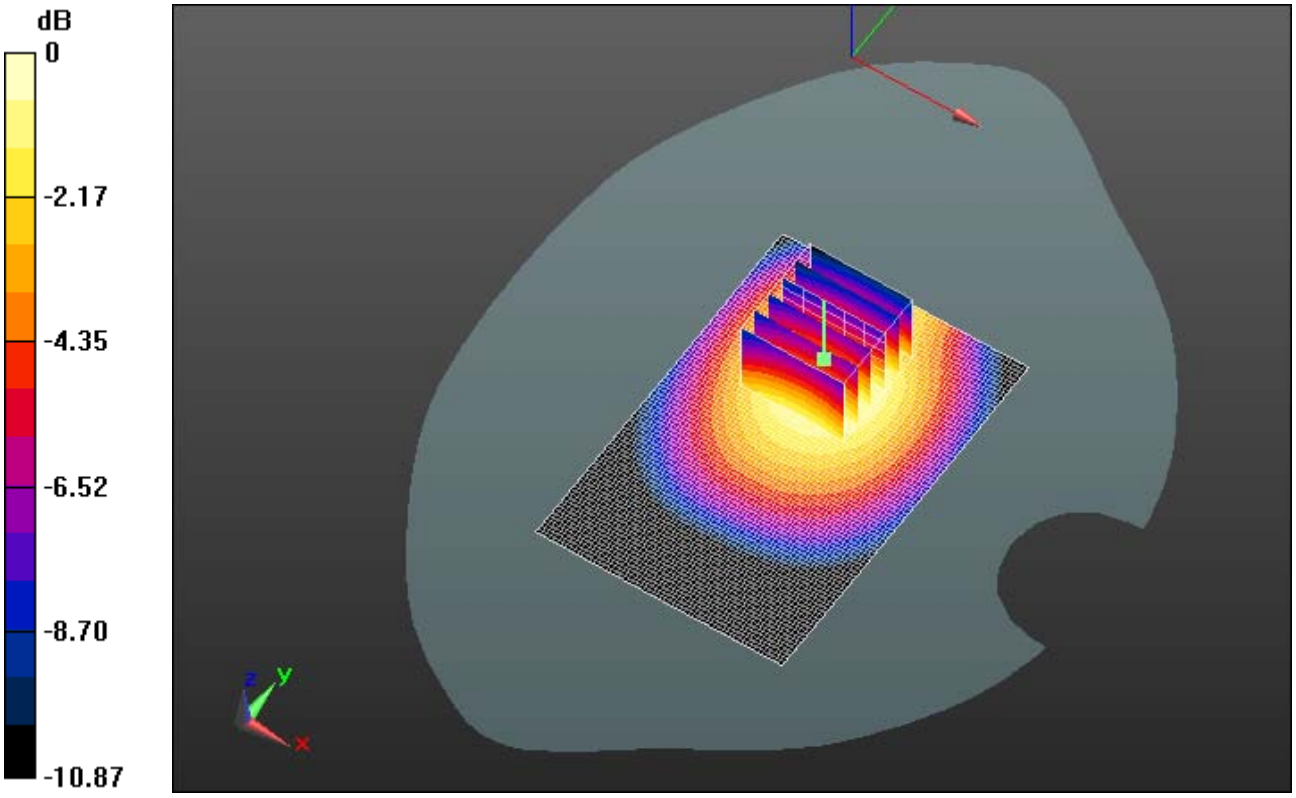
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.809 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.750 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.9730
SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.542 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.791 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

Date/Time: 1/10/2012 11:17:07 AM

Test Laboratory: RIM Testing Services

MHS_Back_UMTS band_V_mid_chan_amb_temp_23.4_liq_temp_21.6C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD V; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

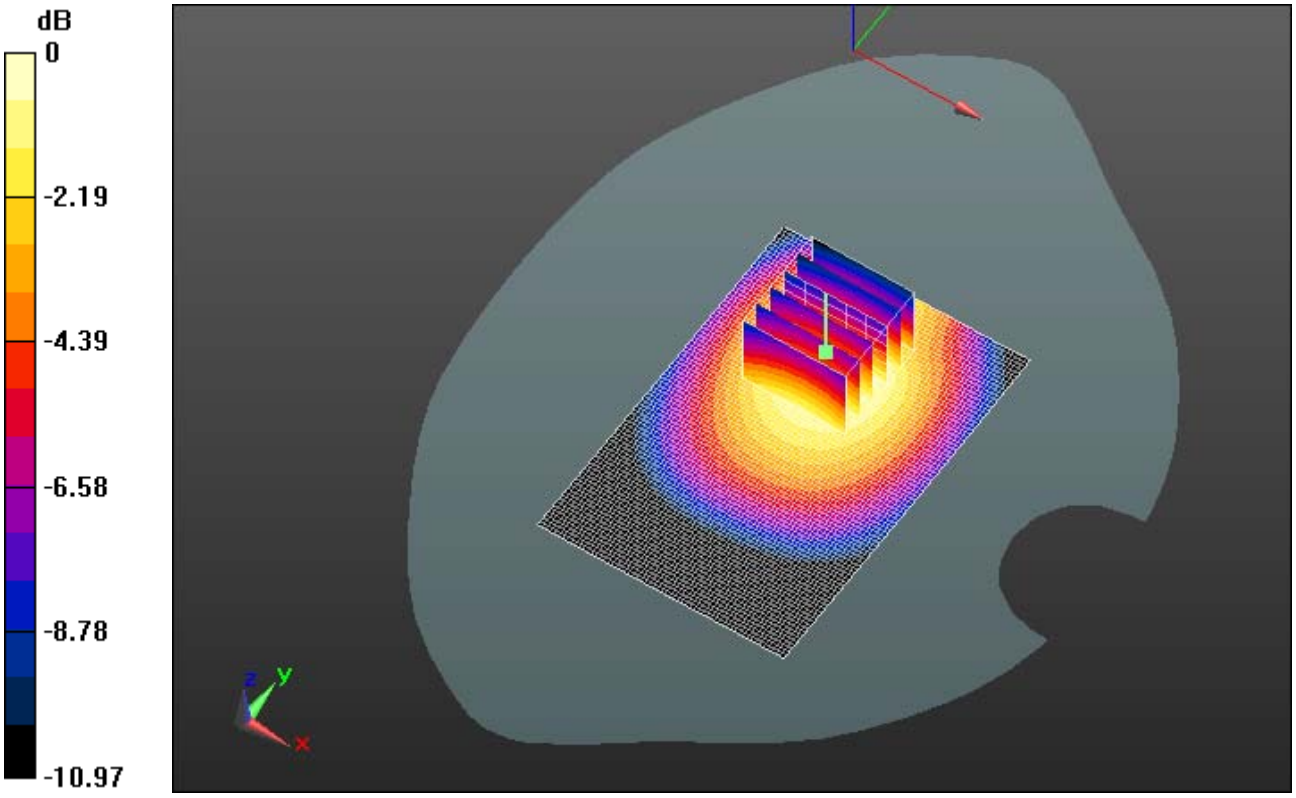
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.865 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.613 V/m; Power Drift = -0.0076 dB
Peak SAR (extrapolated) = 1.0550
SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.582 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.849 mW/g



0 dB = 0.850mW/g = -1.41 dB mW/g

Date/Time: 1/10/2012 11:59:26 AM

Test Laboratory: RIM Testing Services

MHS_Back_UMTS band_V_high_chan_amb_temp_23.5_liq_temp_

21.5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD V; Frequency: 846.6 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.981 mho/m; ε_r = 56.295; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

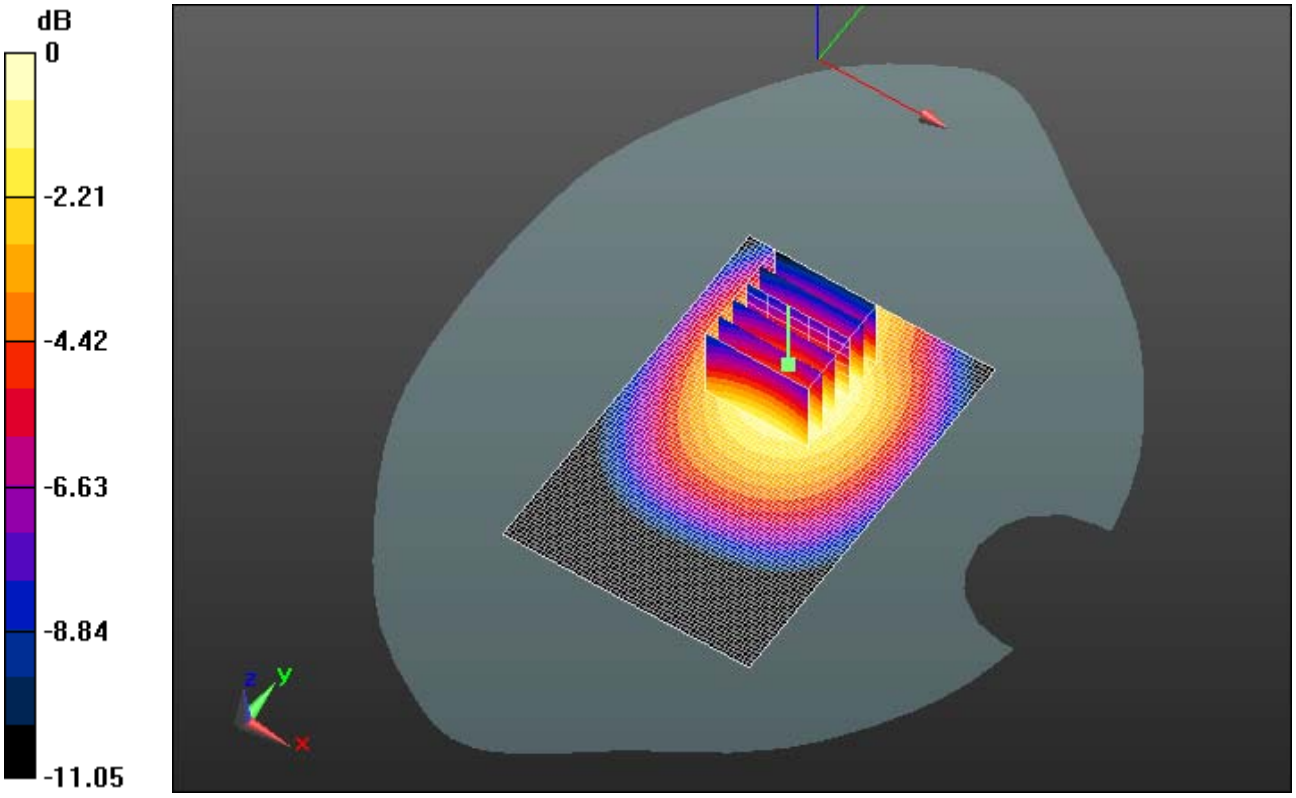
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.811 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.671 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.9920
SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.548 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.806 mW/g



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

Date/Time: 1/10/2012 11:59:26 AM

Test Laboratory: RIM Testing Services

MHS_Front_UMTS band_V_mid_chan_amb_temp_23.5_liq_temp_21.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD V; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

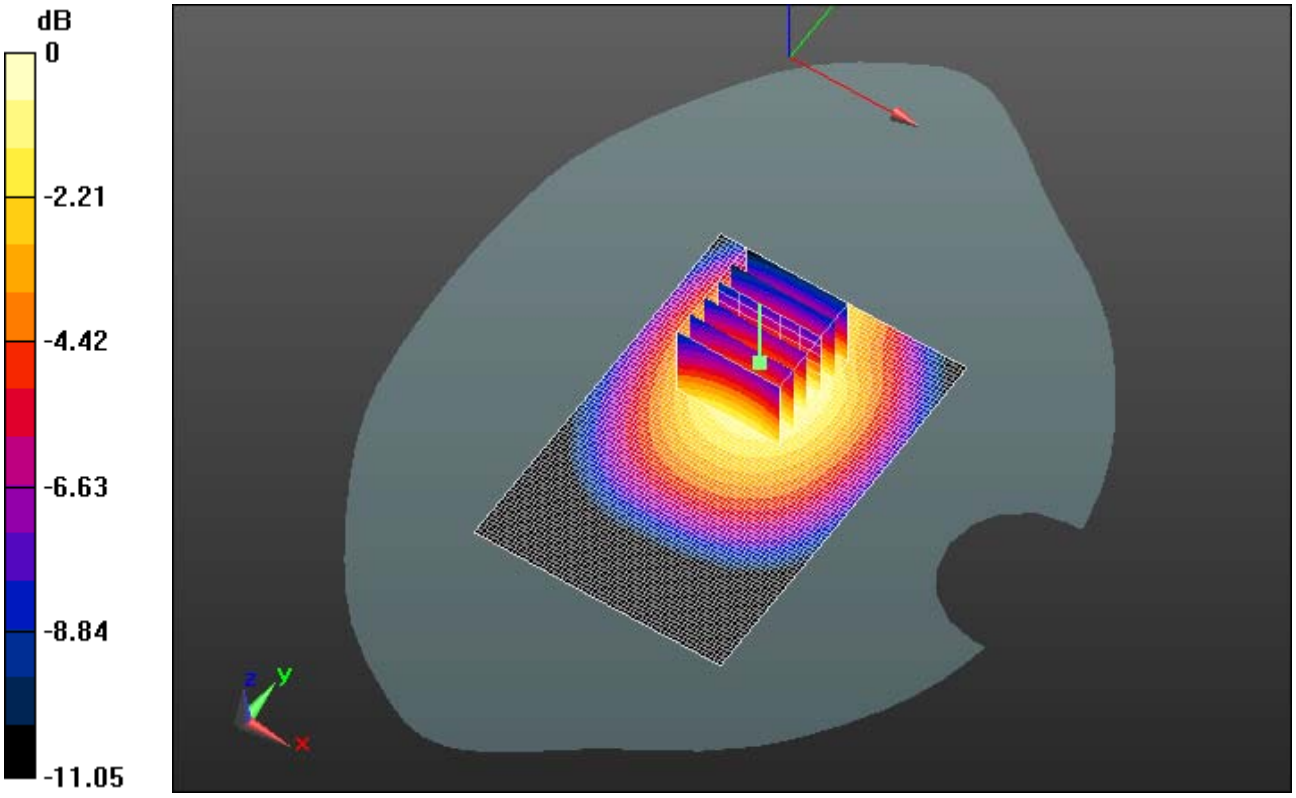
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.798 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.627 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.9770
SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.539 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.793 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

Date/Time: 1/10/2012 1:37:22 PM

Test Laboratory: RIM Testing Services

MHS_Right_UMTS_band_V_mid_chan_amb_temp_24.0_liq_temp_21.5 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD V; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

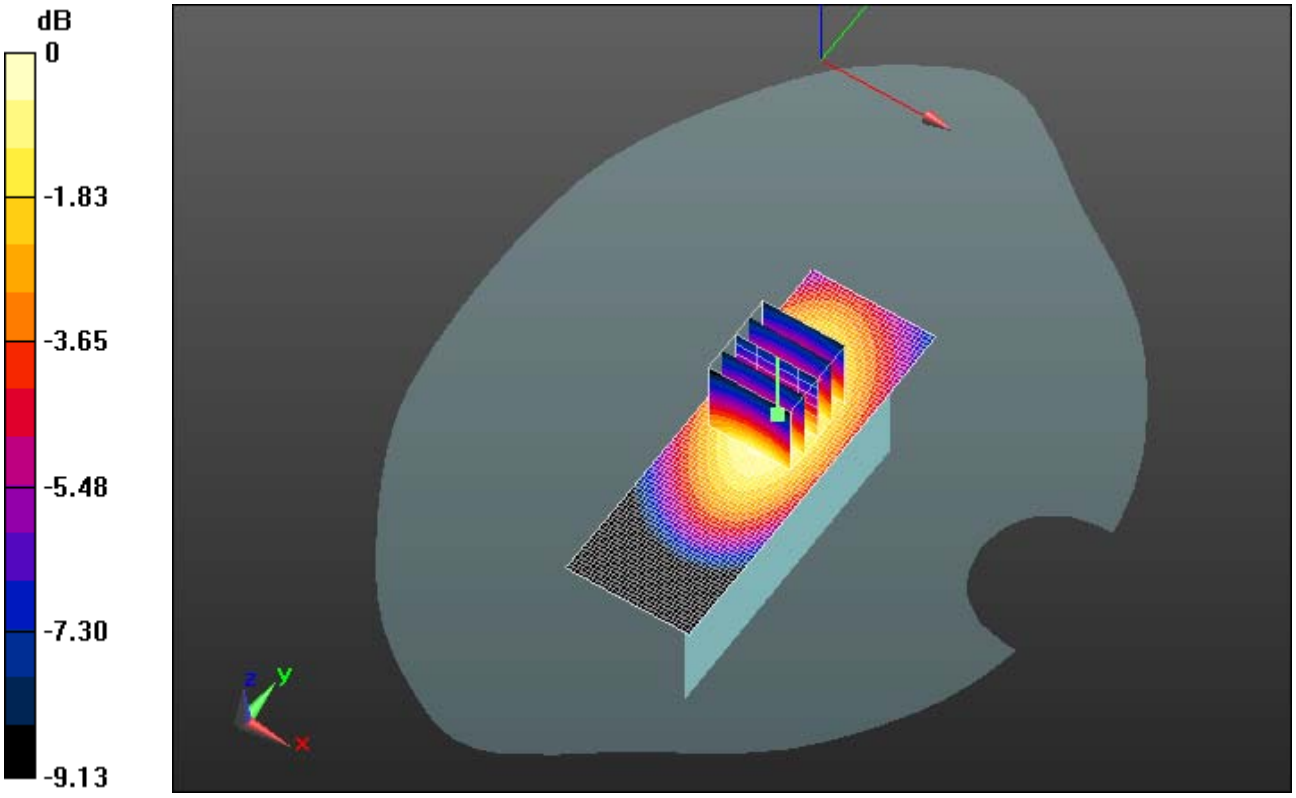
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.343 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.791 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.4250
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.225 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.347 mW/g



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

Date/Time: 1/10/2012 1:53:58 PM

Test Laboratory: RIM Testing Services

MHS_Left_UMTS_band_V_mid_chan_amb_temp_23.7_liq_temp_21.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD V; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

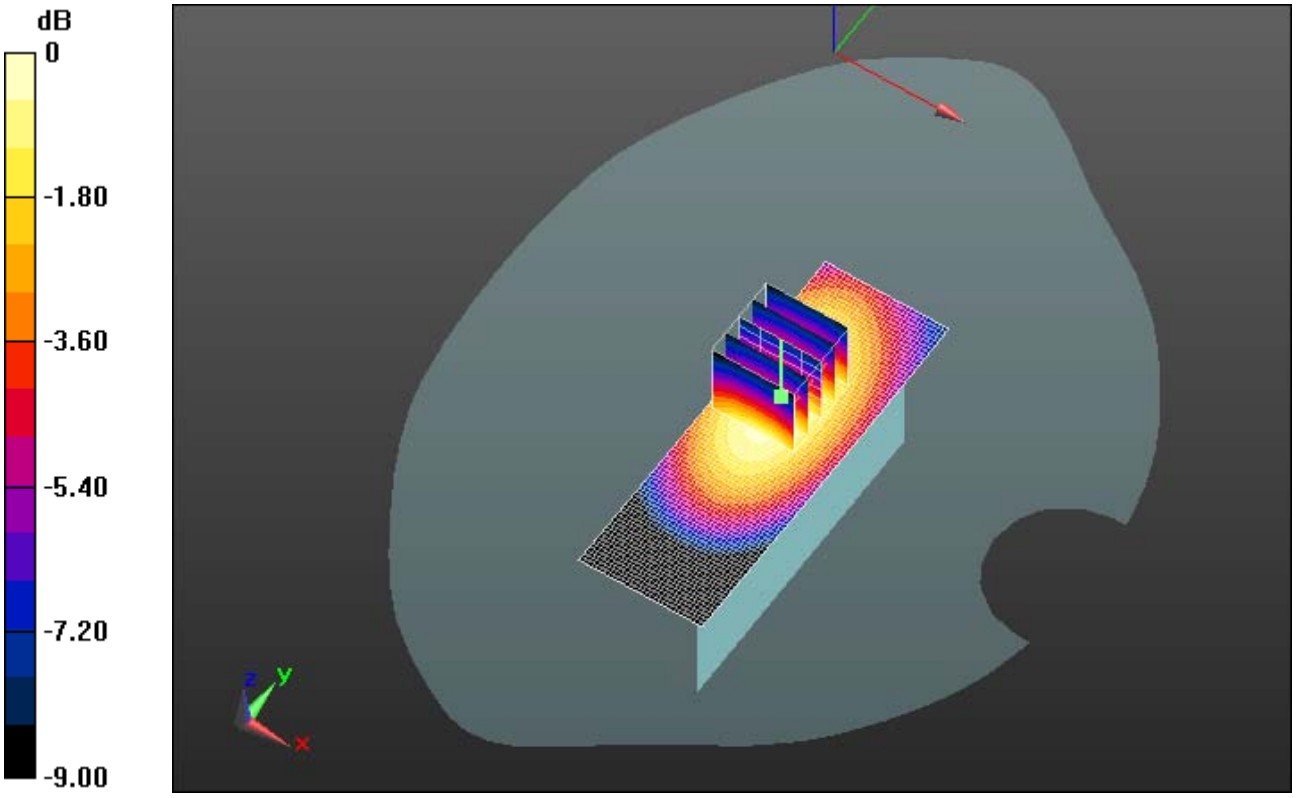
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.337 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.151 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.4280
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.222 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.340 mW/g



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

Date/Time: 1/10/2012 2:14:25 PM

Test Laboratory: RIM Testing Services

MHS_Bottom_UMTS_band_V_mid_chan_amb_temp_24.0_liq_temp_

21.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD V; Frequency: 836.4 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 56.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

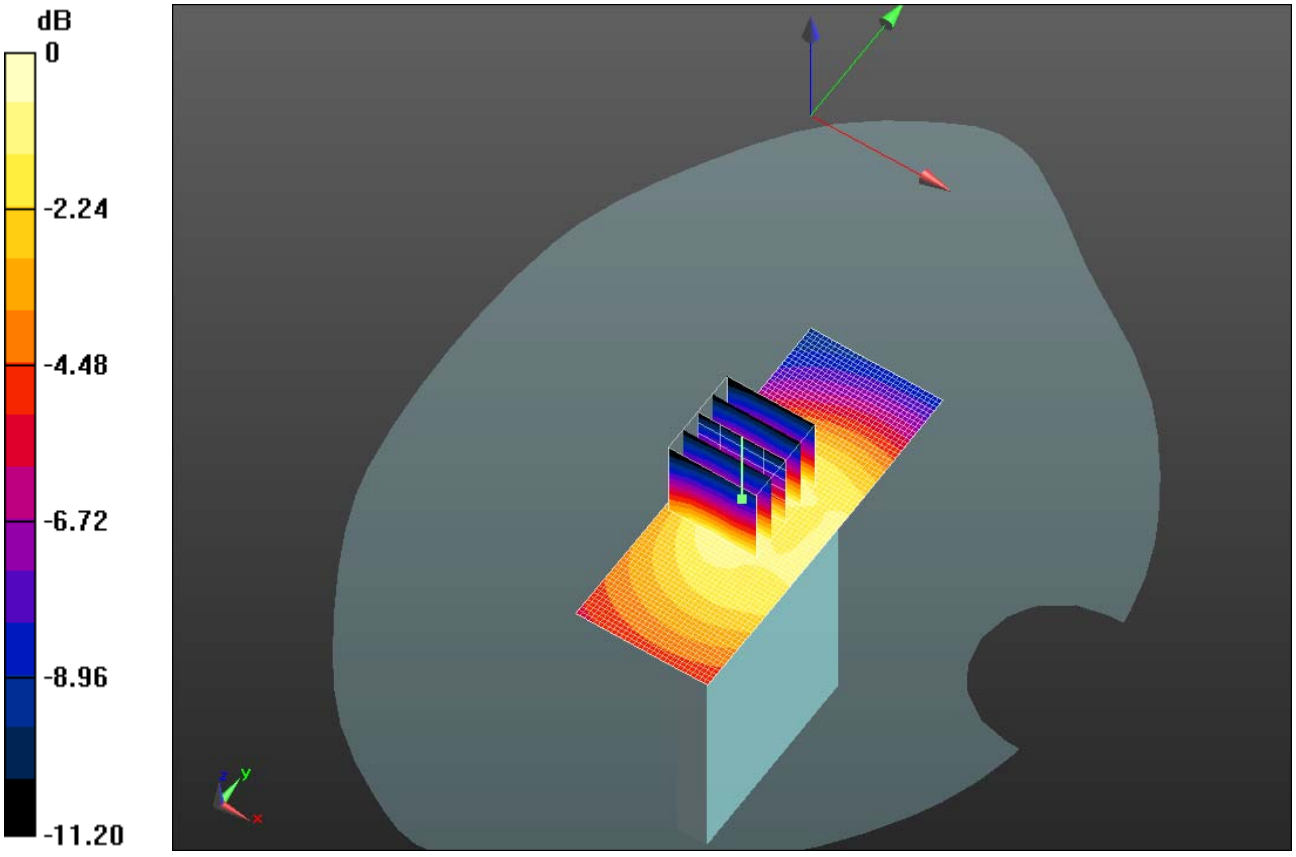
- Probe: ET3DV6 - SN1643; ConvF(6.29, 6.29, 6.29); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.059 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.293 V/m; Power Drift = 0.0012 dB
Peak SAR (extrapolated) = 0.0980
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.033 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.057 mW/g



0 dB = 0.060mW/g = -24.44 dB mW/g

Date/Time: 1/23/2012 7:41:31 PM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS1900_low_chan_amb_temp_23.0_liq_temp_20.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 1900; Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.53 mho/m; ε_r = 51.18; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

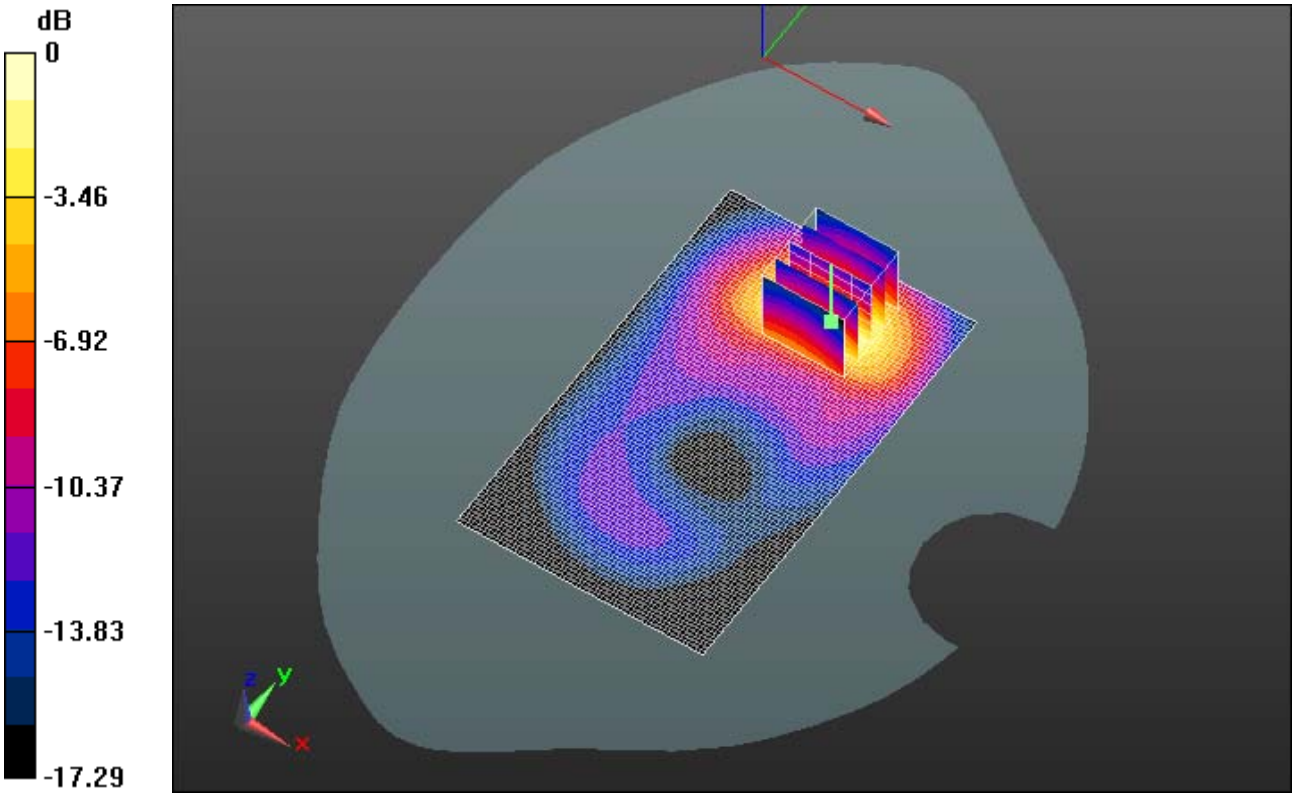
- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.991 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.727 V/m; Power Drift = 0.35 dB
Peak SAR (extrapolated) = 1.5560
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.515 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.053 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

Date/Time: 1/23/2012 7:24:22 PM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS1900_mid_chan_amb_temp_22.9_liq_temp_20.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

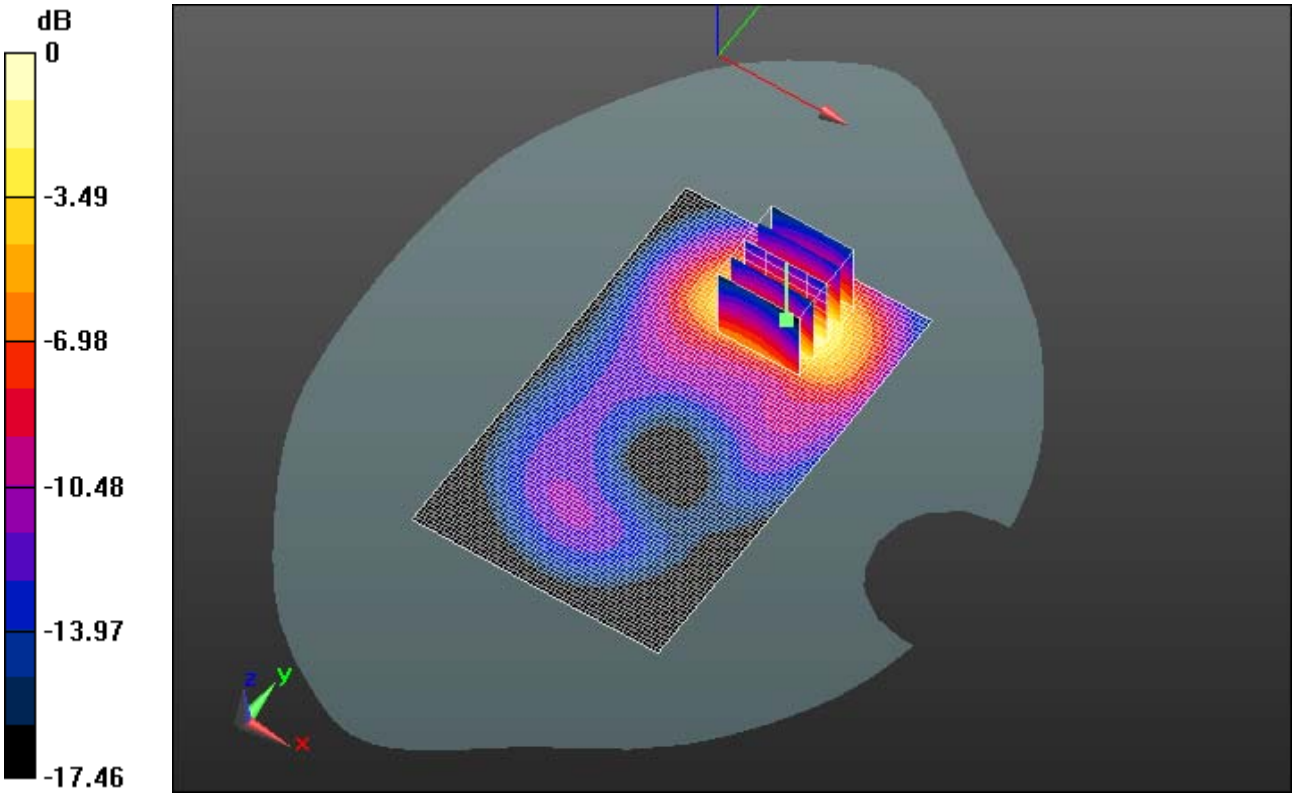
Communication System: GPRS 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.558 mho/m; ε_r = 51.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.036 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.239 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.5250
SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 1.026 mW/g



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

Date/Time: 1/23/2012 7:58:41 PM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS1900_high_chan_amb_temp_23.0_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

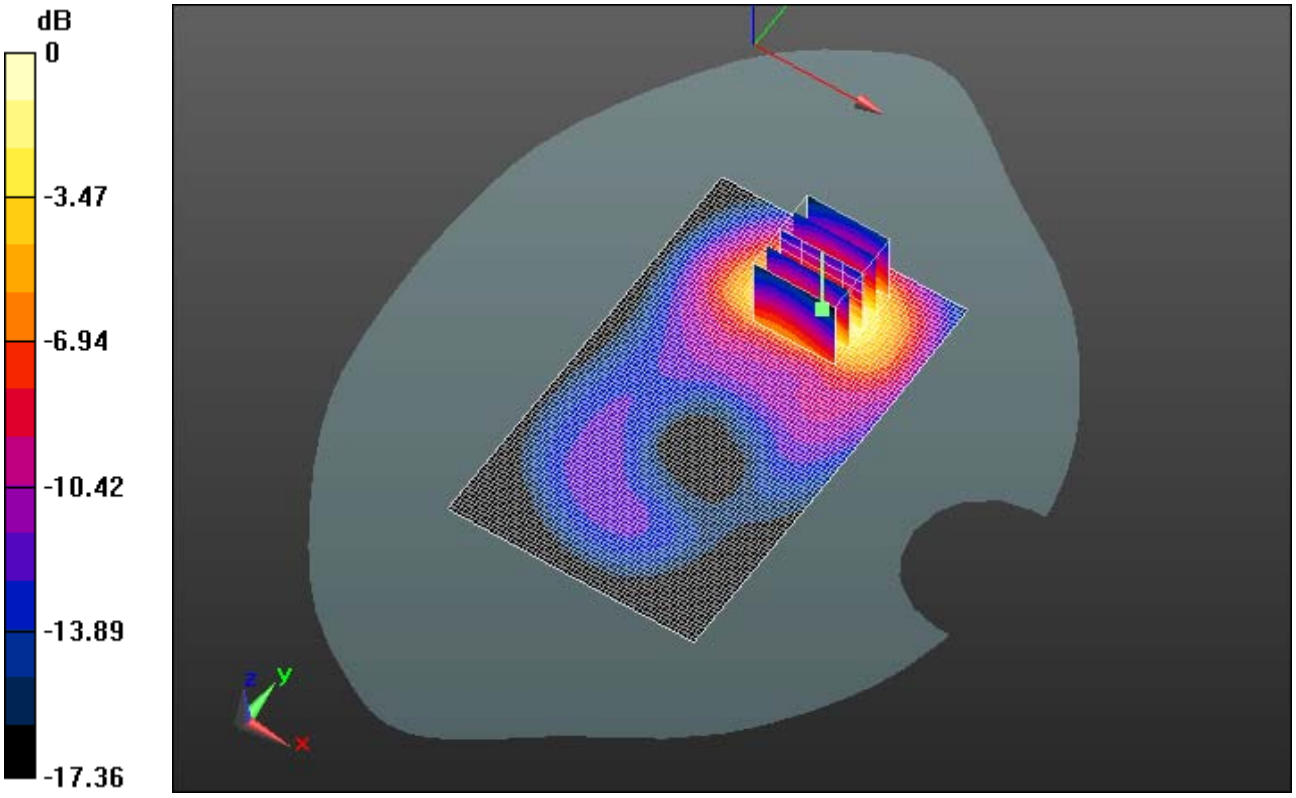
Communication System: GPRS 1900; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.589 mho/m; ε_r = 50.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.113 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.523 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.6600
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.541 mW/g
Maximum value of SAR (measured) = 1.097 mW/g



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

Date/Time: 1/24/2012 12:57:52 AM

Test Laboratory: RIM Testing Services

MHS_Front_GPRS1900_mid_chan_amb_temp_22.8_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

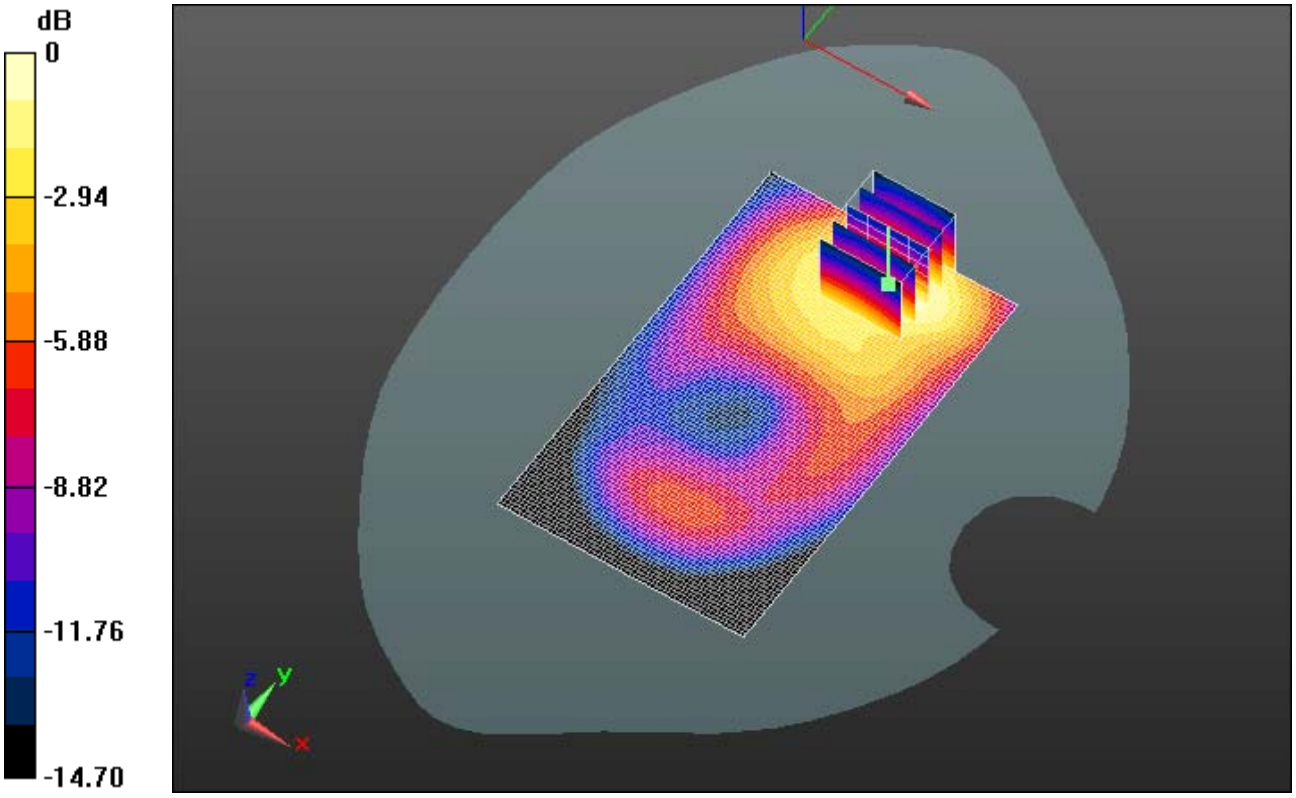
Communication System: GPRS 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.558 mho/m; ε_r = 51.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.689 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.533 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.9700
SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.683 mW/g



0 dB = 0.680mW/g = -3.35 dB mW/g

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Test Laboratory: RIM Testing Services

MHS_Right_GPRS1900_mid_chan_amb_temp_22.7_liq_temp_20.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

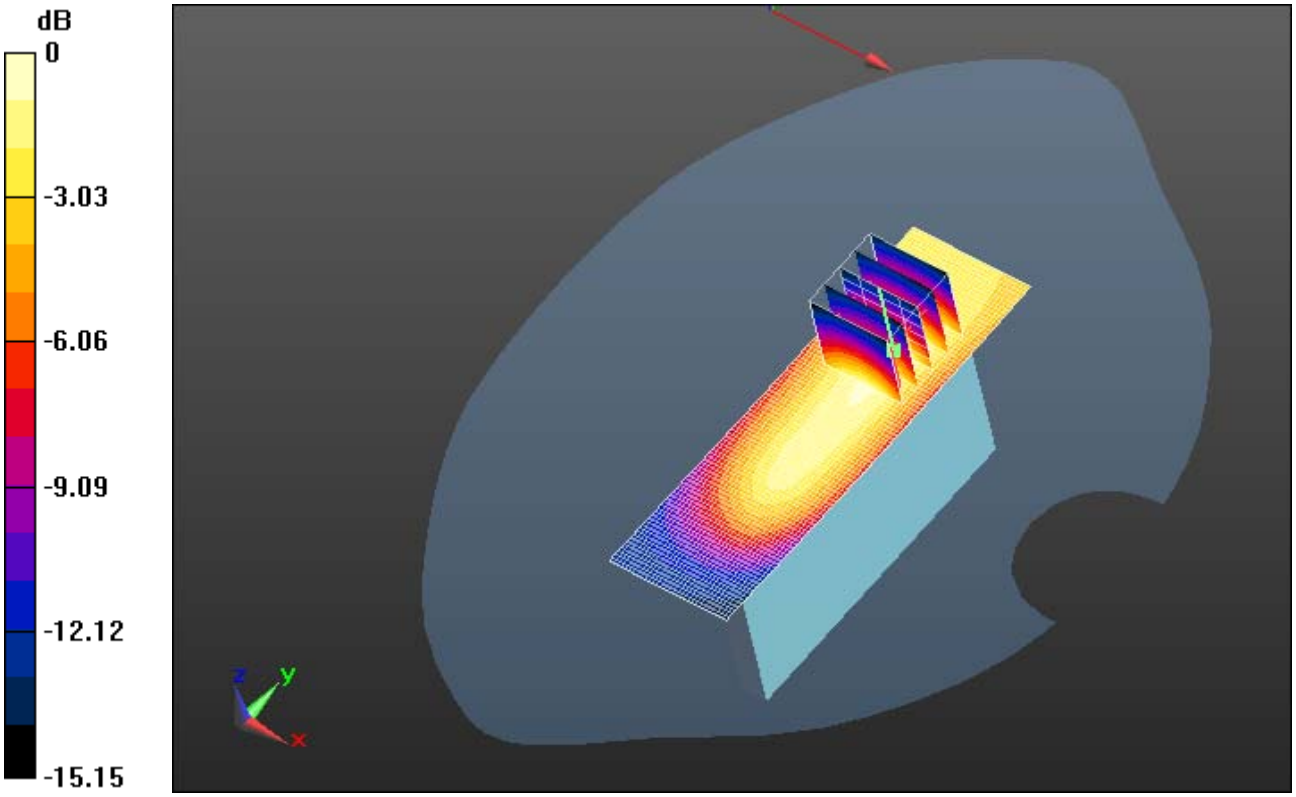
Communication System: GPRS 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.558 mho/m; ε_r = 51.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.111 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.358 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.1960
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.120mW/g = -18.42 dB mW/g

Date/Time: 1/23/2012 10:46:53 PM

Test Laboratory: RIM Testing Services

MHS_Left_GPRS1900_mid_chan_amb_temp_22.8_liq_temp_20.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

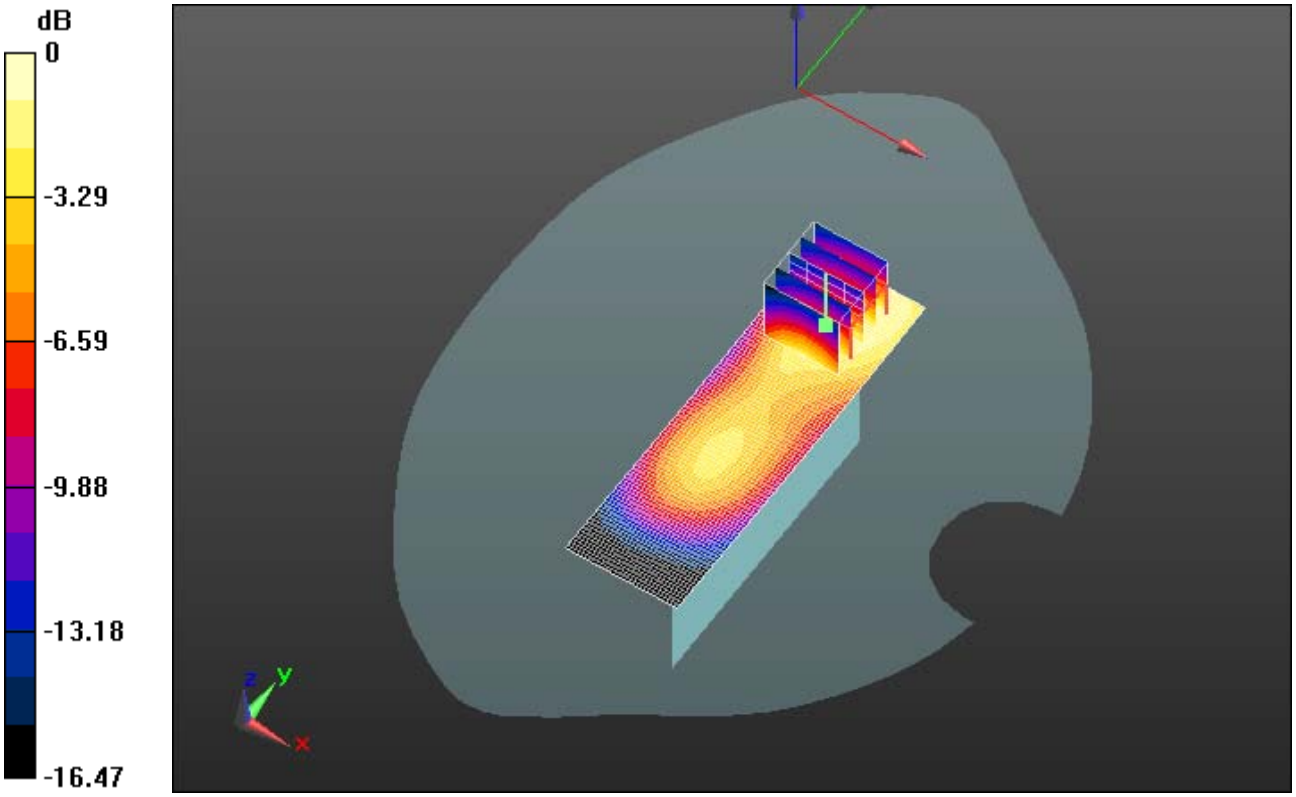
Communication System: GPRS 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.558 mho/m; ε_r = 51.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.183 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.363 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.3110
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.210mW/g = -13.56 dB mW/g

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Test Laboratory: RIM Testing Services

MHS_Bottom_GPRS1900_low_chan_amb_temp_22.7_liq_temp_20.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: GPRS 1900; Frequency: 1850.2 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.53 mho/m; ε_r = 51.18; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

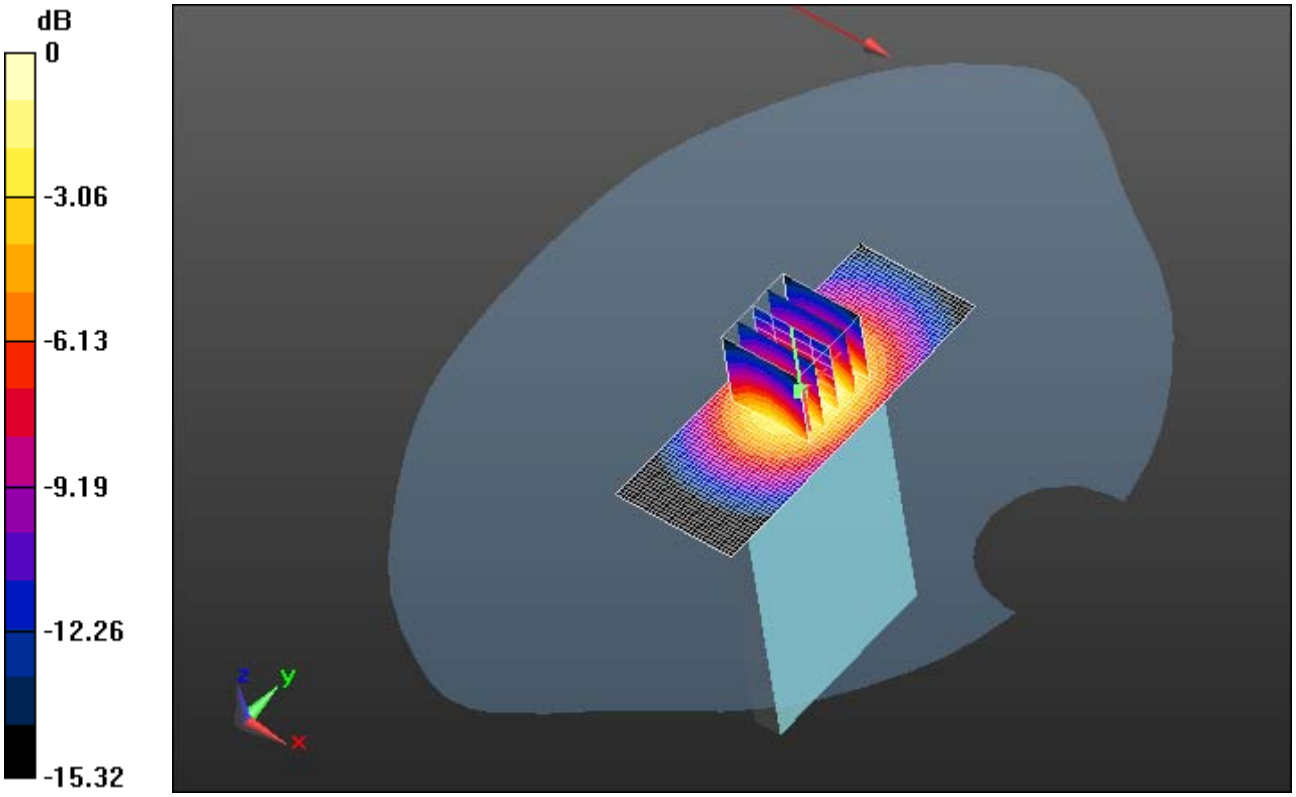
- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.254 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.180 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.8200
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.653 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.253 mW/g



0 dB = 1.250mW/g = 1.94 dB mW/g

Date/Time: 1/23/2012 11:18:31 PM

Test Laboratory: RIM Testing Services

MHS_Bottom_GPRS1900_mid_chan_amb_temp_22.7_liq_temp_20.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

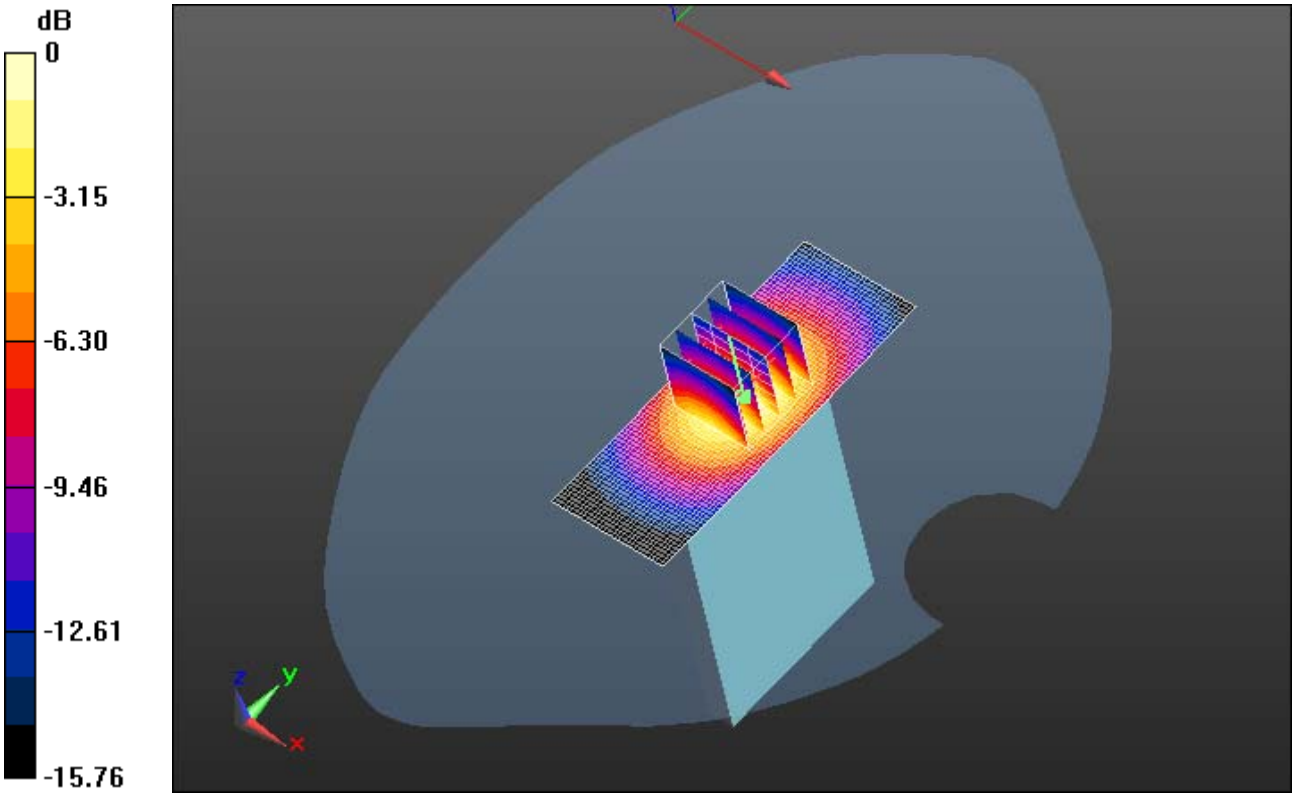
Communication System: GPRS 1900; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.558 mho/m; ε_r = 51.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.333 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.622 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.9050
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.675 mW/g
Maximum value of SAR (measured) = 1.296 mW/g



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

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Test Laboratory: RIM Testing Services

MHS_Bottom_GPRS1900_high_chan_amb_temp_22.8_liq_temp_20.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

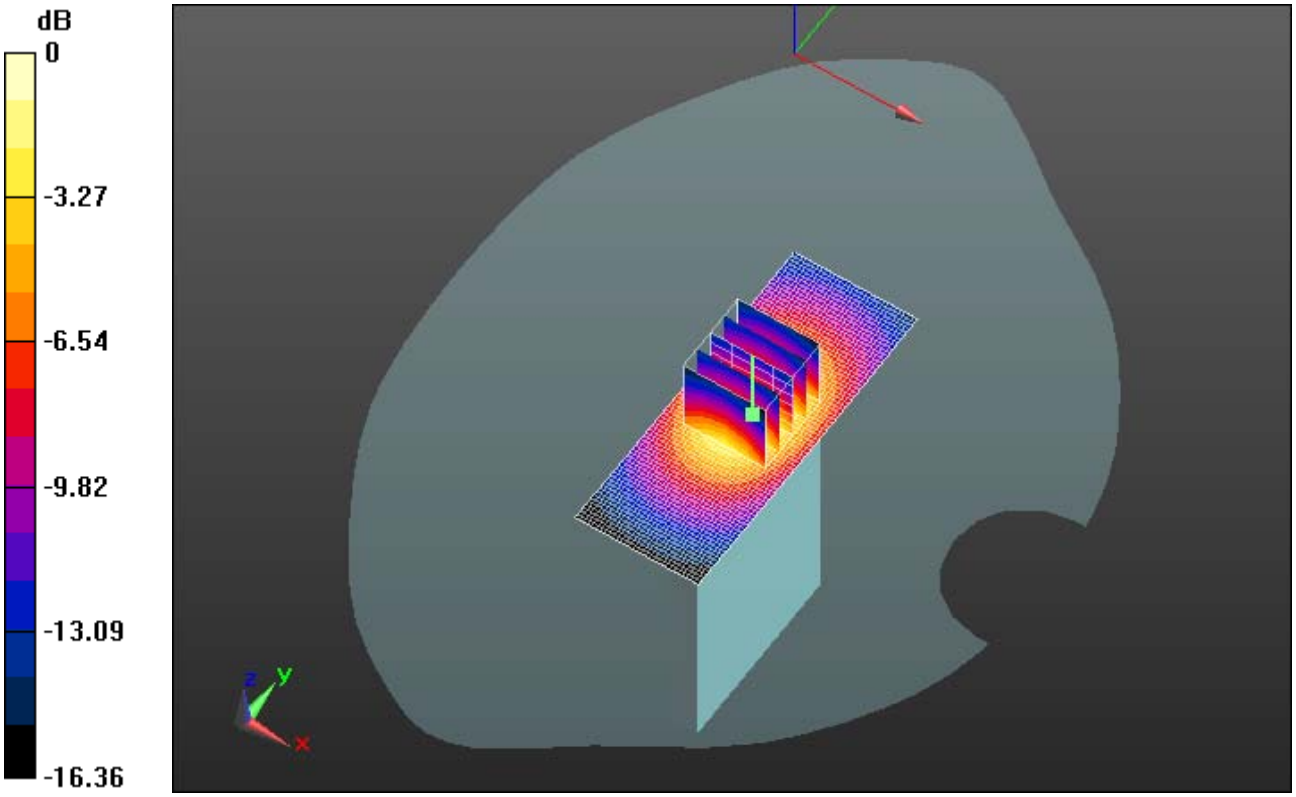
Communication System: GPRS 1900; Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.589 mho/m; ε_r = 50.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.267 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.556 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.9470
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.293 mW/g



0 dB = 1.290mW/g = 2.21 dB mW/g

Date/Time: 1/23/2012 8:20:02 PM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS1900_3_slots_high_chan_amb_temp_23.0_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

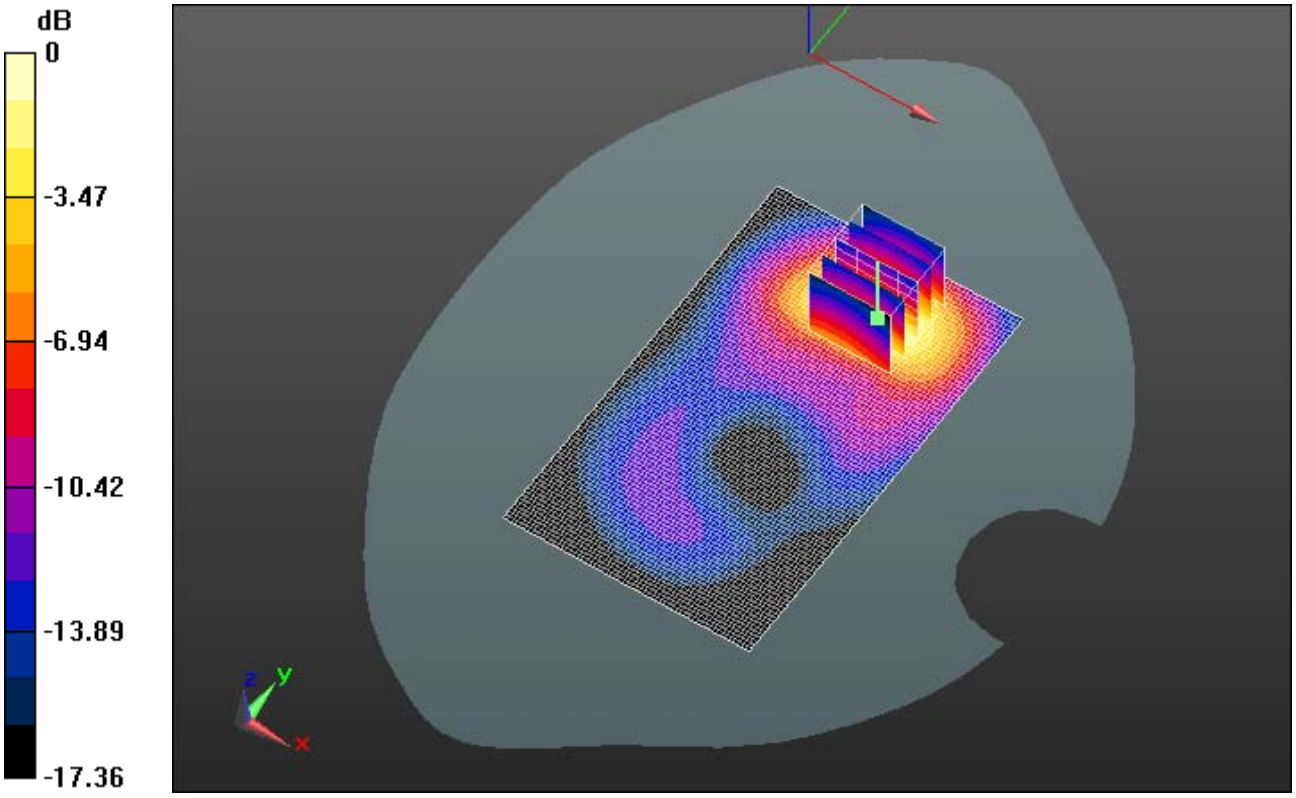
Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.589 mho/m; ε_r = 50.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.951 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.154 V/m; Power Drift = 0.0094 dB
Peak SAR (extrapolated) = 1.4530
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.458 mW/g
Maximum value of SAR (measured) = 0.939 mW/g



0 dB = 0.940mW/g = -0.54 dB mW/g

Date/Time: 1/24/2012 12:05:03 AM

Test Laboratory: RIM Testing Services

MHS_Bottom_GPRS1900_3_slots_mid_chan_amb_temp_22.8_liq_temp_20.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

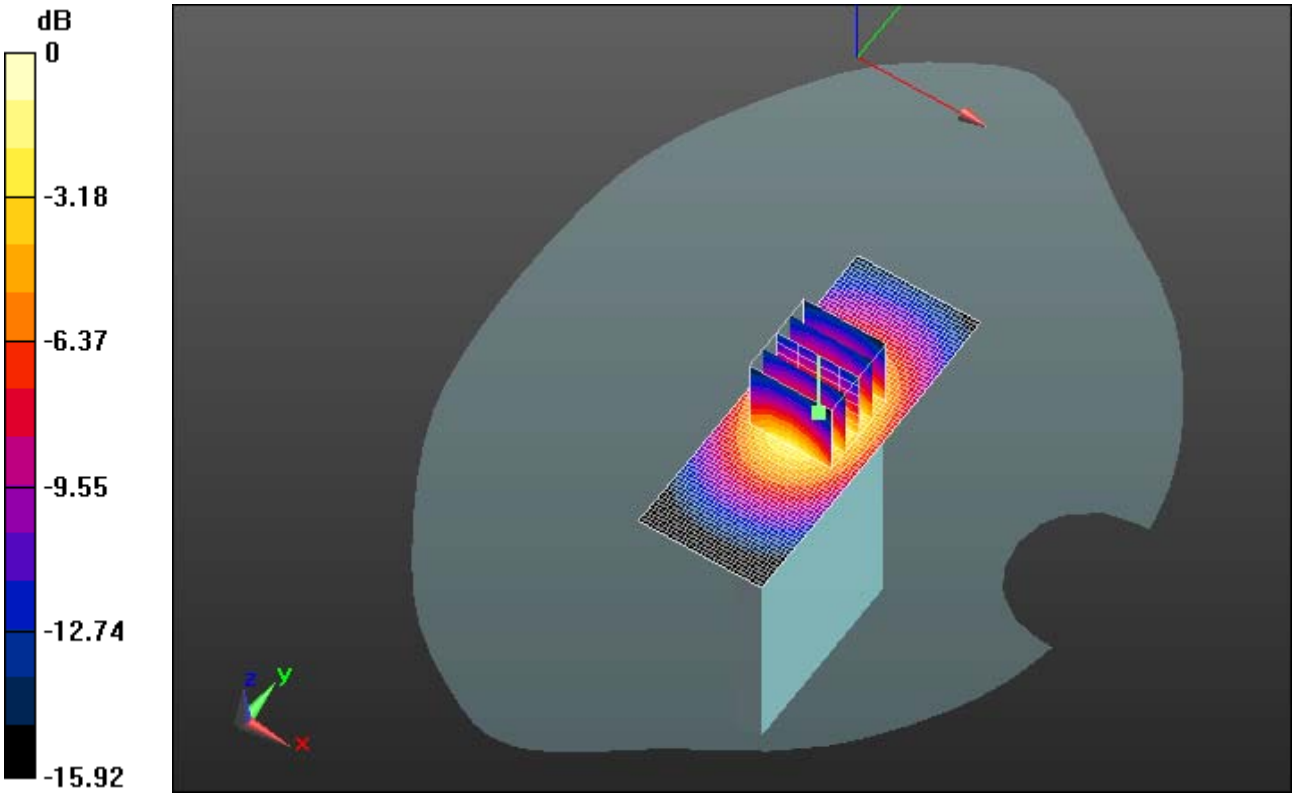
Communication System: GPRS 1900 (3-slots); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.558 mho/m; ε_r = 51.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.153 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.825 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.7150
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 1.149 mW/g



0 dB = 1.150mW/g = 1.21 dB mW/g

Date/Time: 1/23/2012 8:39:45 PM

Test Laboratory: RIM Testing Services

MHS_Back_GPRS1900_4_slots_high_chan_amb_temp_22.9_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

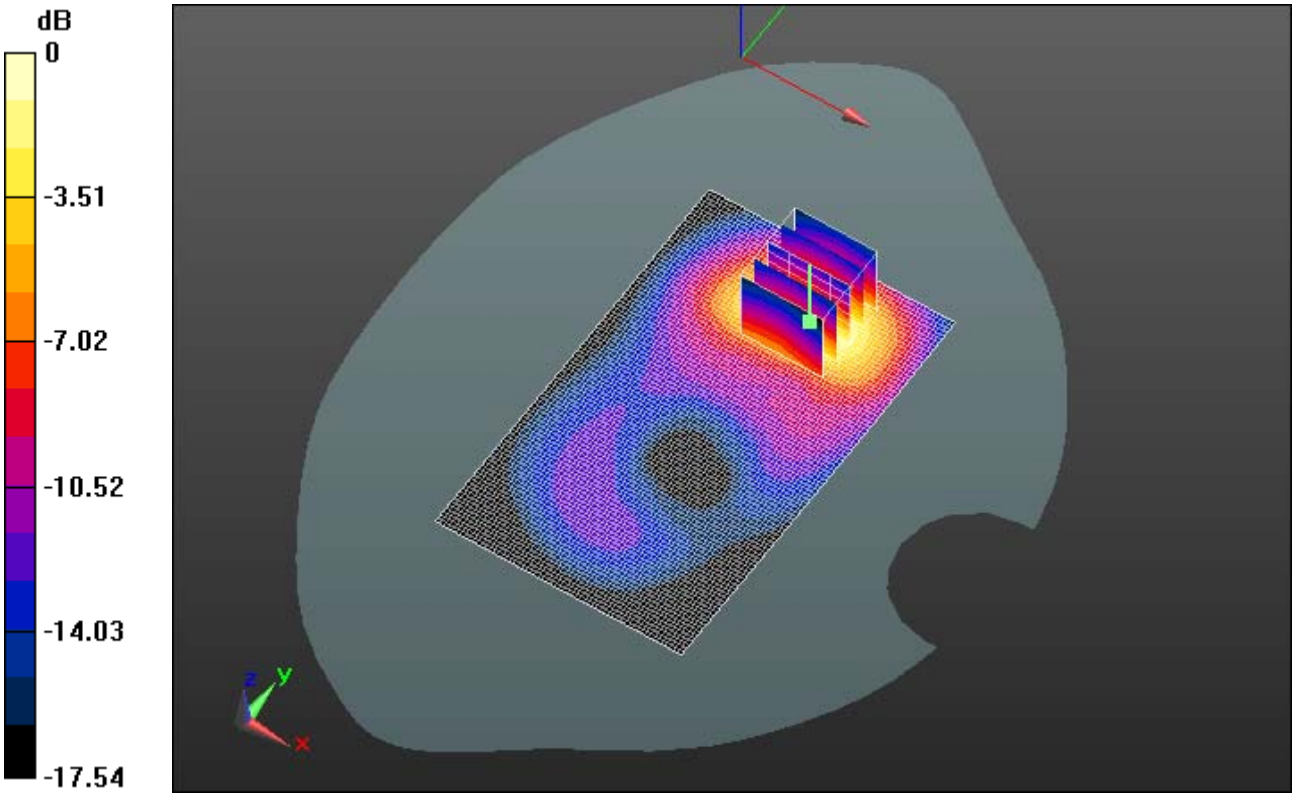
Communication System: GPRS 1900 (4-slots); Frequency: 1909.8 MHz
Medium parameters used: f = 1910 MHz; σ = 1.589 mho/m; ε_r = 50.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.180 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.678 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.7650
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 1.139 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

Date/Time: 1/24/2012 12:19:39 AM

Test Laboratory: RIM Testing Services

MHS_Bottom_GPRS1900_4_slots_mid_chan_amb_temp_22.8_liq_temp_20.3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

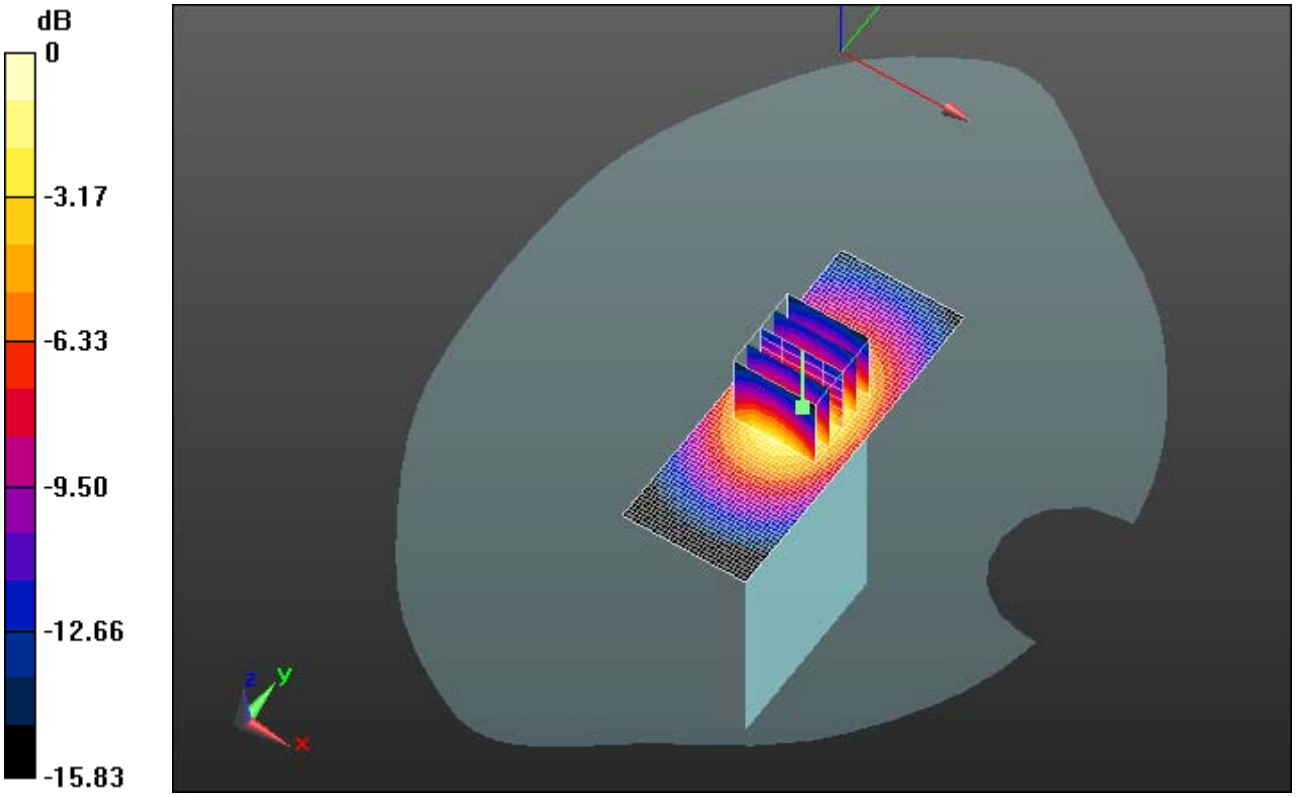
Communication System: GPRS 1900 (4-slots); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.558 mho/m; ε_r = 51.068; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.325 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.258 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.9140
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.658 mW/g
Maximum value of SAR (measured) = 1.276 mW/g



0 dB = 1.280mW/g = 2.14 dB mW/g

Date/Time: 1/12/2012 10:59:22 PM

Test Laboratory: RIM Testing Services

MHS_Back_UMTS_Band_II_low_chan_amb_temp_23.3_liq_temp_20.9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.484 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

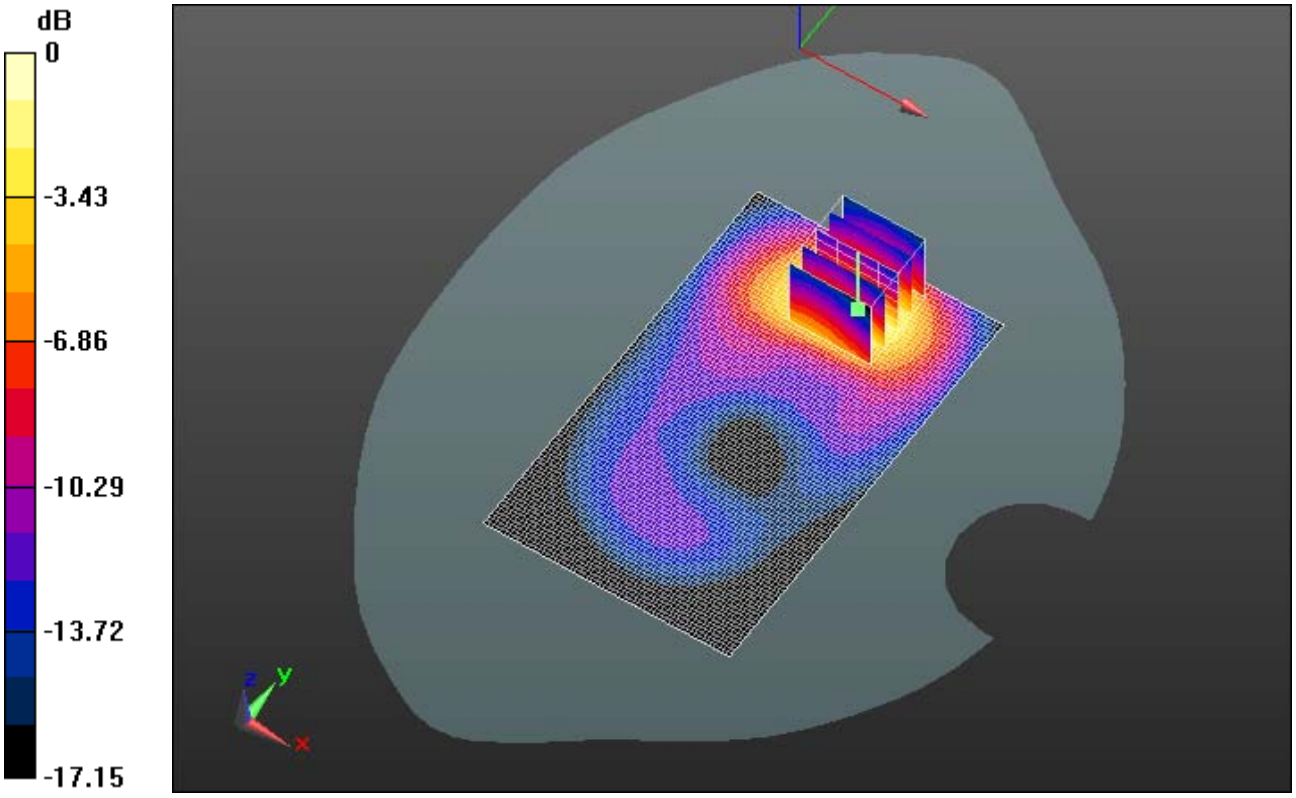
- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.319 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.625 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.0110
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.666 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.353 mW/g



0 dB = 1.350mW/g = 2.61 dB mW/g

Date/Time: 1/12/2012 10:40:35 PM

Test Laboratory: RIM Testing Services

MHS_Back_UMTS_Band_II_mid_chan_amb_temp_23.3_liq_temp_20.9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

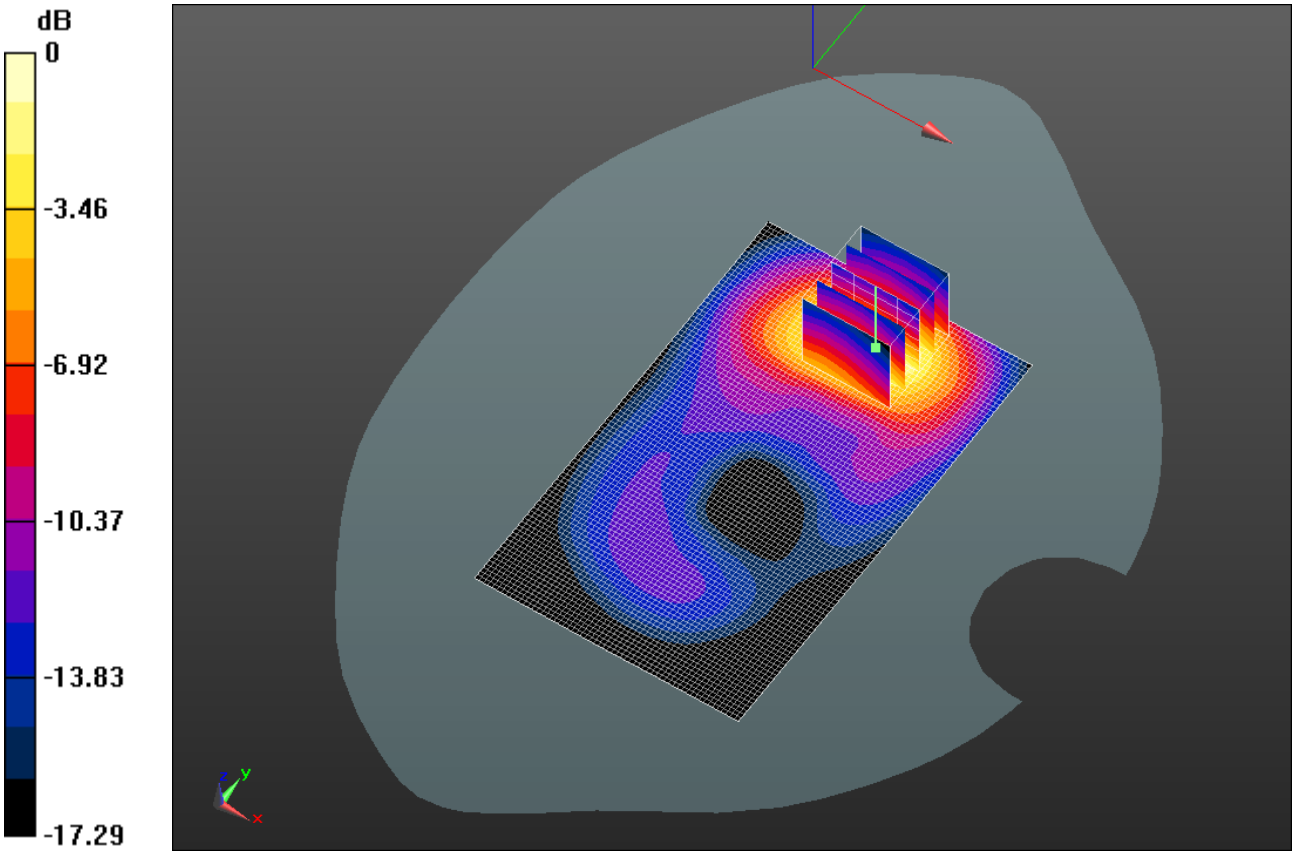
Communication System: WCDMA FDD II; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.519 mho/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.387 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.261 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.1590
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.433 mW/g



0 dB = 1.430mW/g = 3.11 dB mW/g

Date/Time: 1/12/2012 11:20:44 PM

Test Laboratory: RIM Testing Services

MHS_Back_UMTS_Band_II_high_chan_amb_temp_23.3_liq_temp_20.9 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.55 mho/m; ε_r = 51.176; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

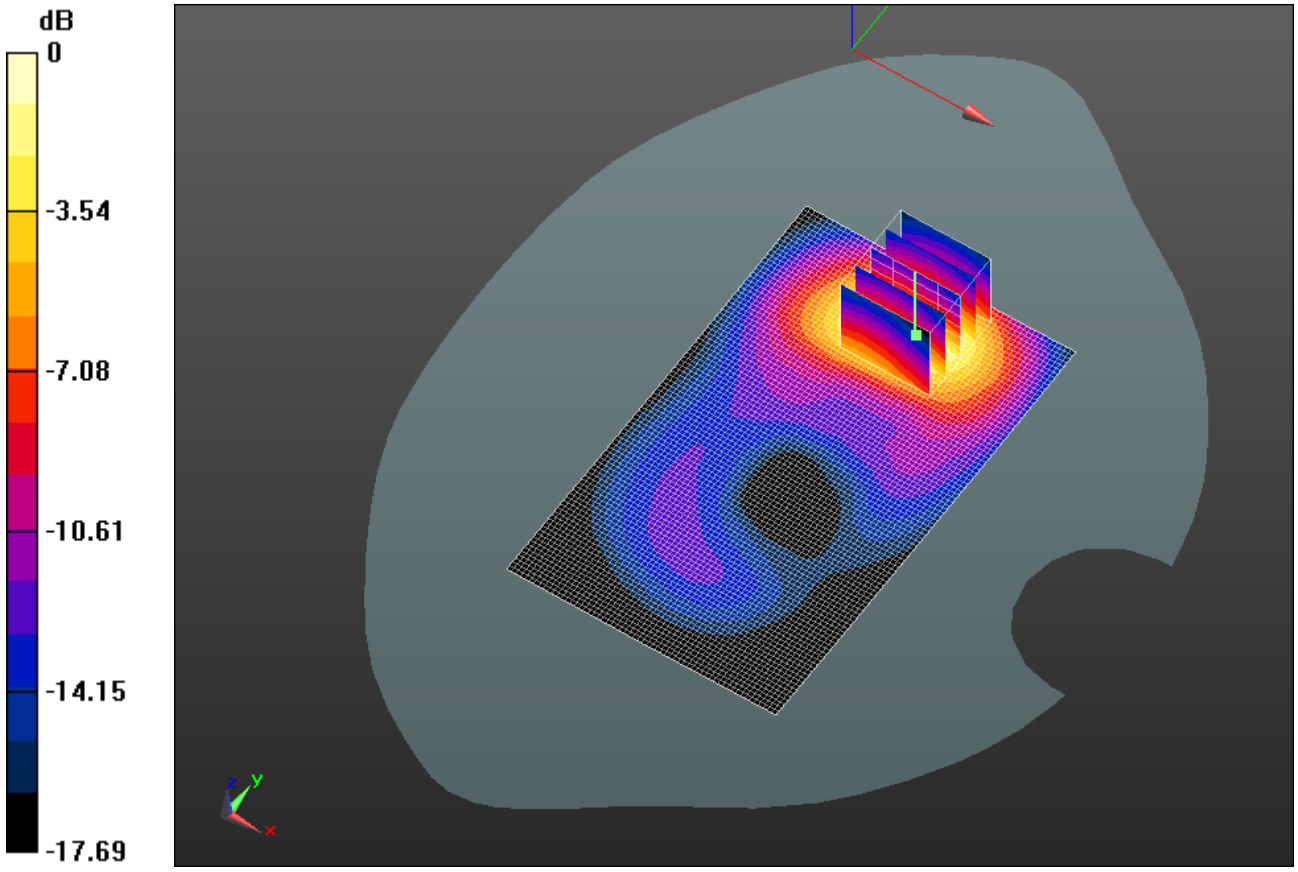
- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.477 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.472 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.3260
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.734 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.513 mW/g



0 dB = 1.510mW/g = 3.58 dB mW/g

Date/Time: 1/12/2012 11:44:51 PM

Test Laboratory: RIM Testing Services

MHS_Front_UMTS_Band_II_mid_chan_amb_temp_23.4_liq_temp_21.0 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

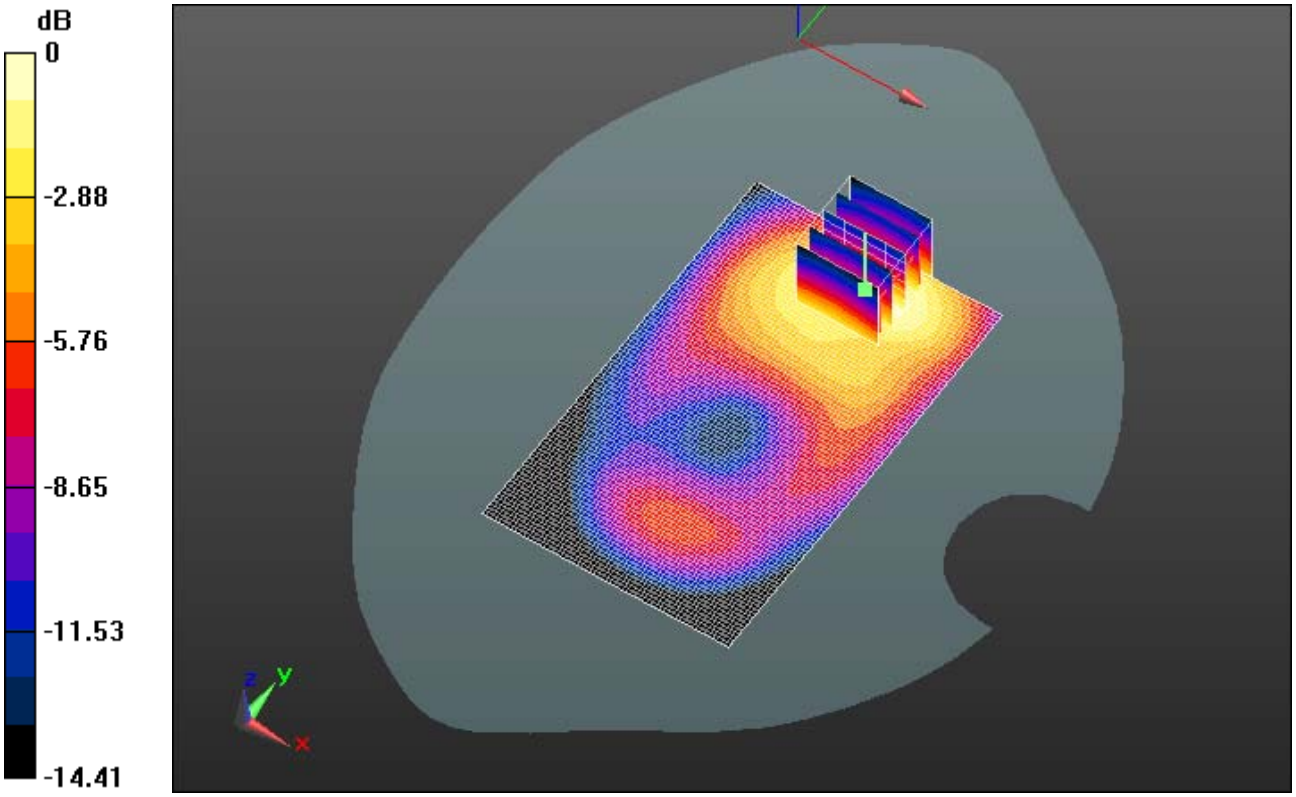
Communication System: WCDMA FDD II; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.519 mho/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.492 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.654 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.7130
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.503 mW/g



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

Date/Time: 1/13/2012 12:29:49 AM

Test Laboratory: RIM Testing Services

MHS_Right_UMTS_Band_II_mid_chan_amb_temp_23.8_liq_temp_20.9 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

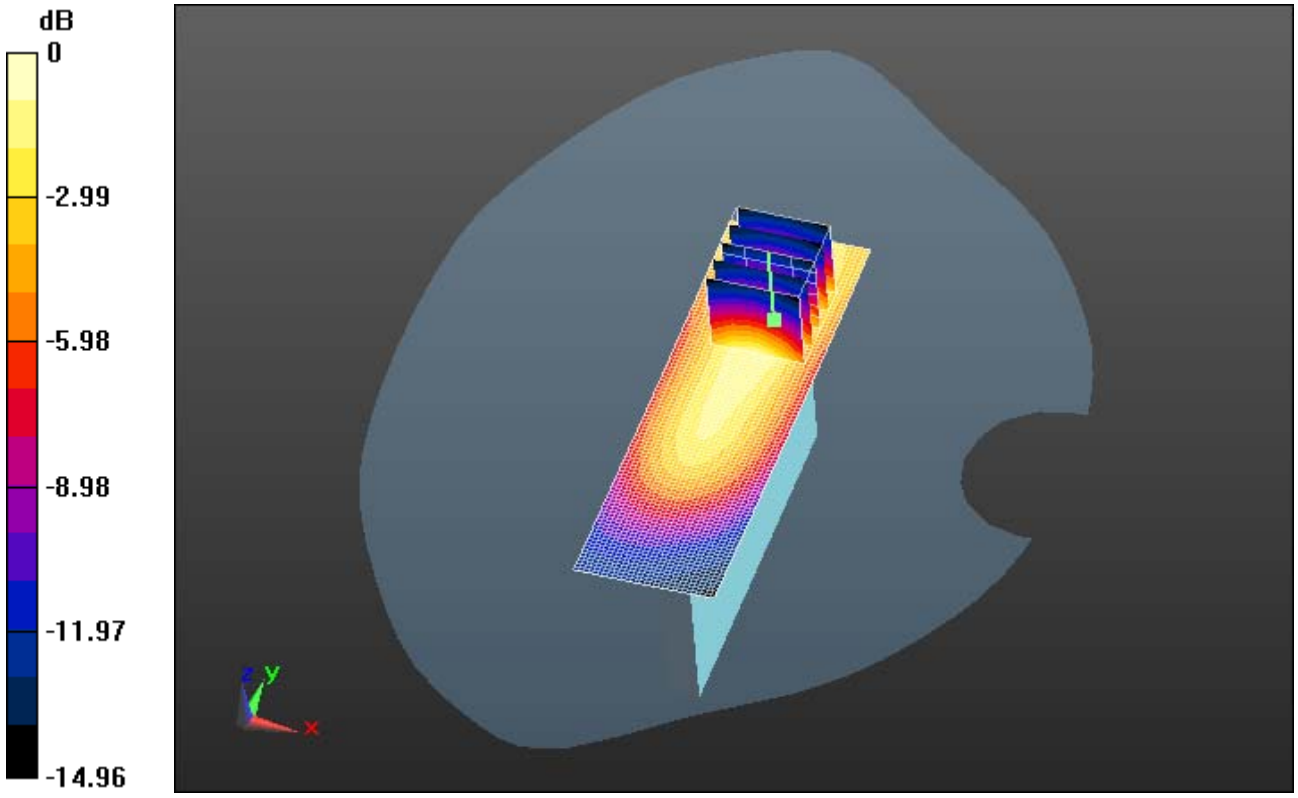
Communication System: WCDMA FDD II; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.519 mho/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.077 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.915 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.1370
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.086 mW/g



0 dB = 0.090mW/g = -20.92 dB mW/g

Date/Time: 1/13/2012 12:49:38 AM

Test Laboratory: RIM Testing Services

MHS_Left_UMTS_Band_II_mid_chan_amb_temp_23.8_liq_temp_20.9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

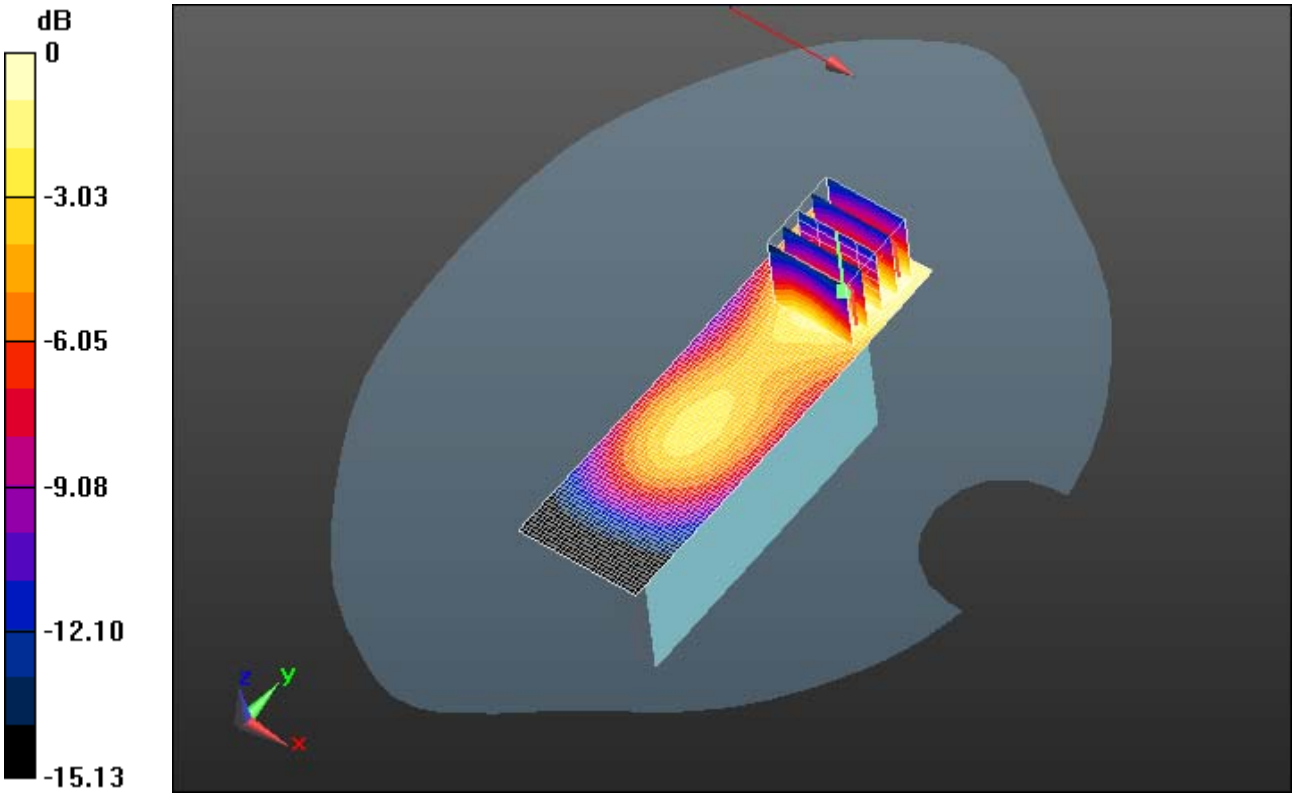
Communication System: WCDMA FDD II; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.519 mho/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.127 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.079 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.2060
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.135 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

Date/Time: 1/13/2012 1:58:37 AM

Test Laboratory: RIM Testing Services

MHS_Bottom_UMTS_band_II_low_chan_amb_temp_23.2_liq_temp_20.7 C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.484 mho/m; ε_r = 51.249; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

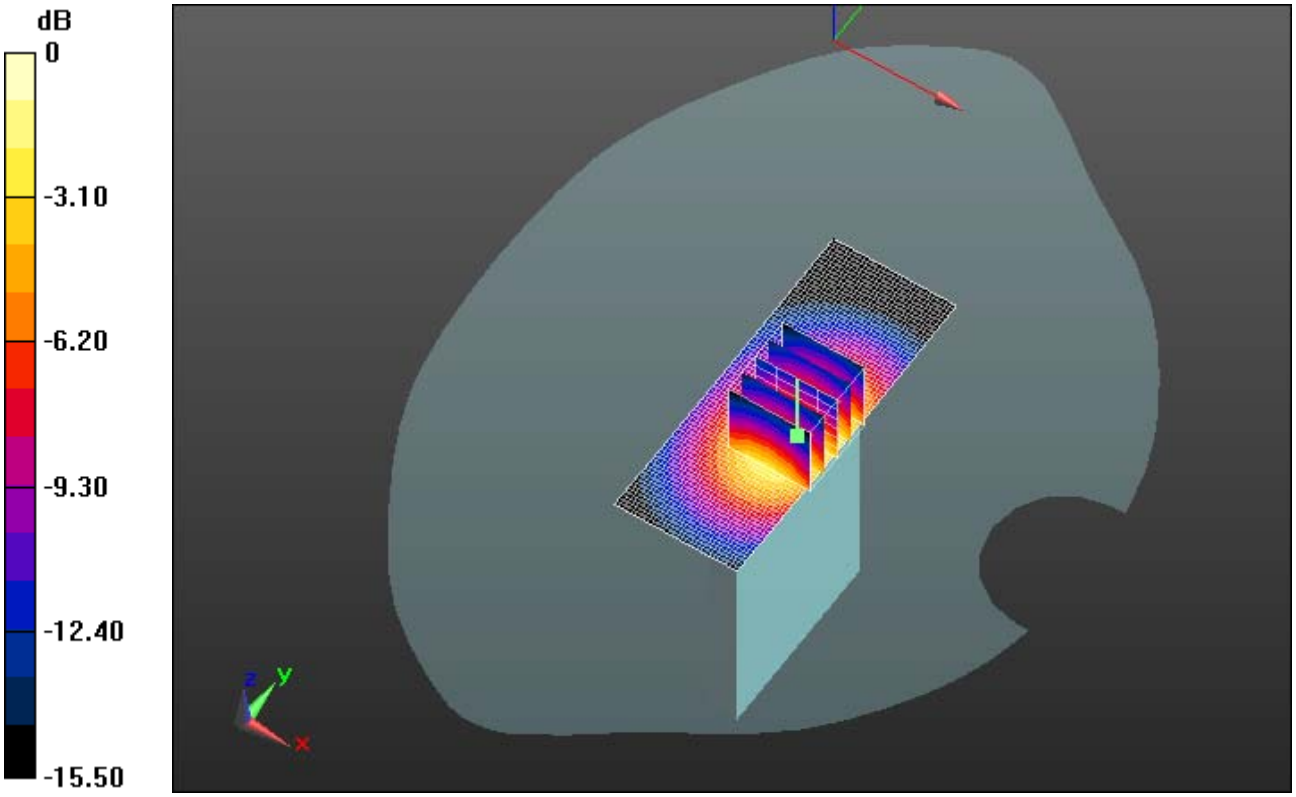
- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.923 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.036 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.3530
SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.460 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.909 mW/g



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

Date/Time: 1/13/2012 1:45:58 AM

Test Laboratory: RIM Testing Services

MHS_Bottom_UMTS_band_II_mid_chan_amb_temp_23.5_liq_temp_20.8C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

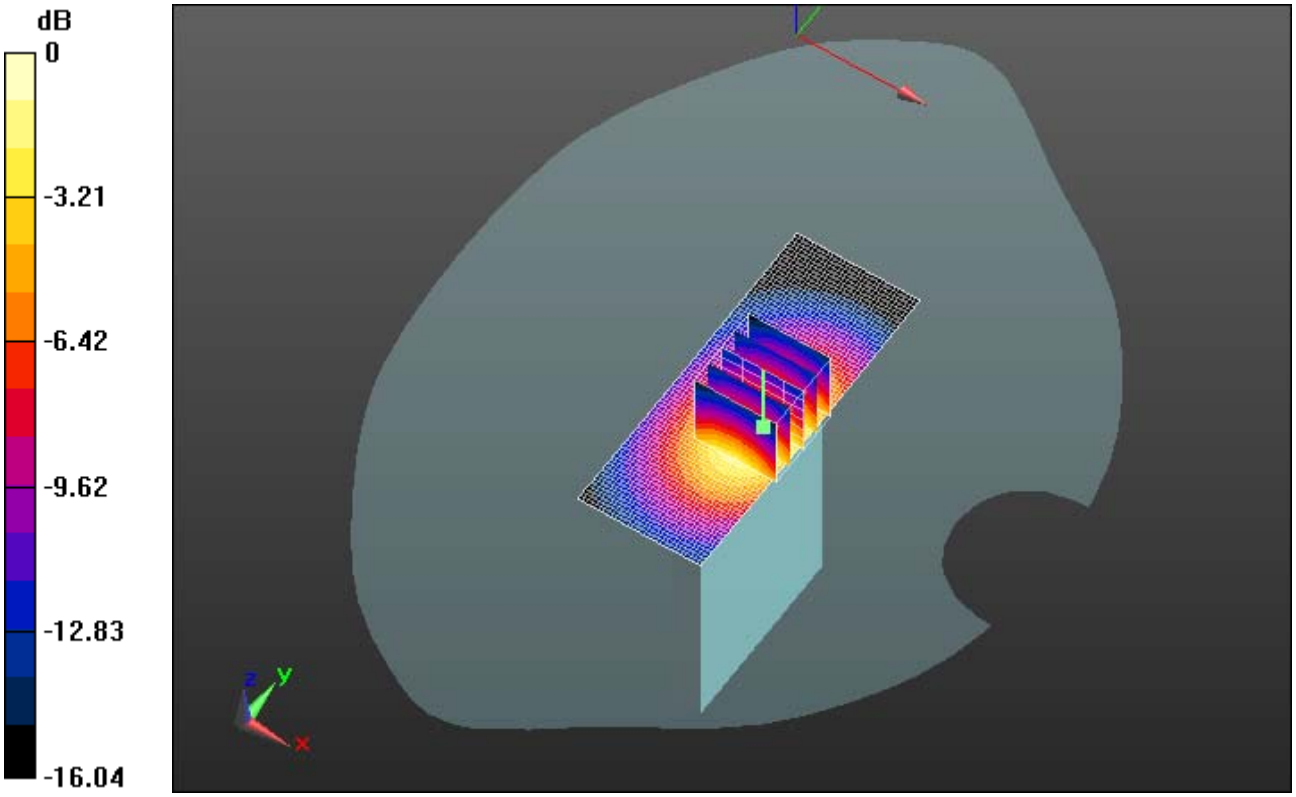
Communication System: WCDMA FDD II; Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; σ = 1.519 mho/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.001 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.624 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.4400
SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.963 mW/g



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

Date/Time: 1/13/2012 2:12:36 AM

Test Laboratory: RIM Testing Services

MHS_Bottom_UMTS_band_II_high_chan_amb_temp_23.2_liq_temp_20.7C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.55 mho/m; ε_r = 51.176; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

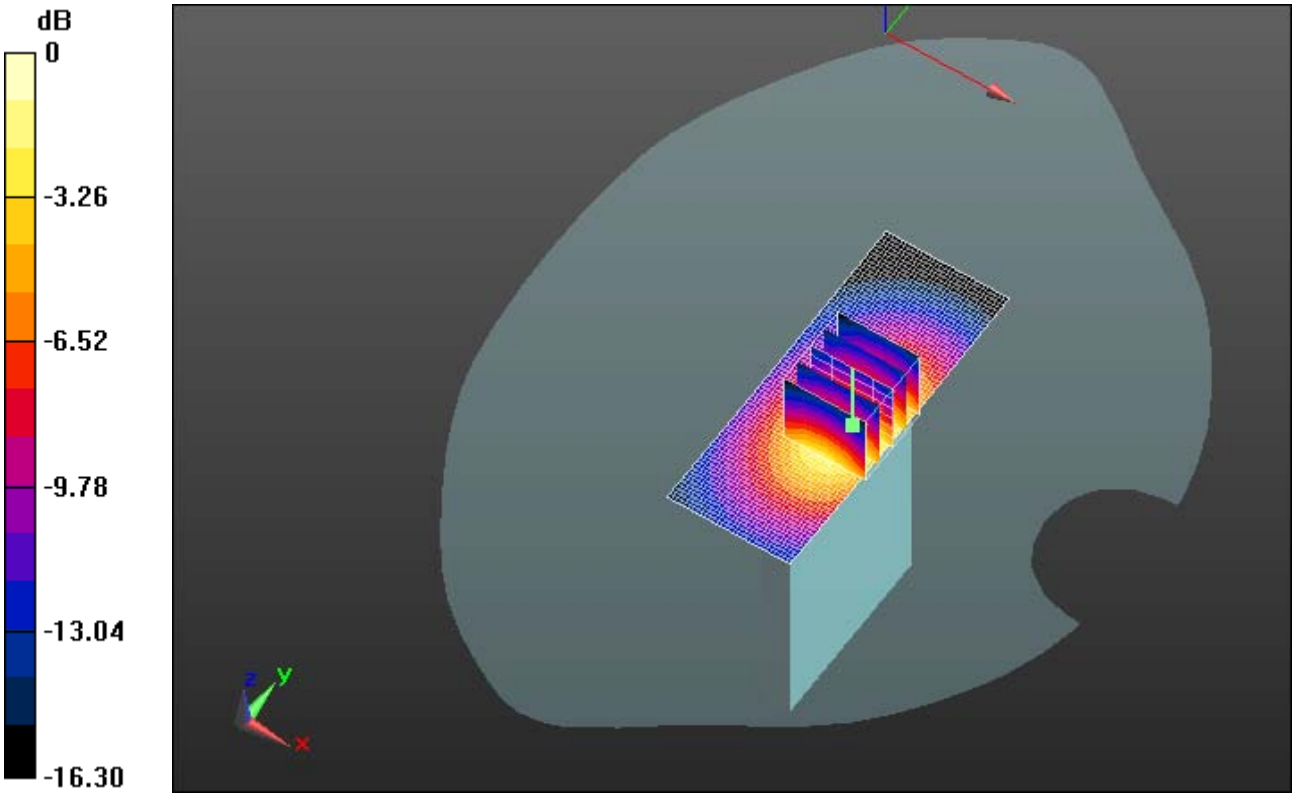
- Probe: ET3DV6 - SN1643; ConvF(4.72, 4.72, 4.72); Calibrated: 3/9/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.004 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.394 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.4880
SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.487 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.981 mW/g



0 dB = 0.980mW/g = -0.18 dB mW/g

Date/Time: 12/7/2011 10:58:55 PM, Date/Time: 12/7/2011 11:05:45 PM

Test Laboratory: RIM Testing Services

MHS_Back_802.11b_low_chan_amb_temp_23.3_liq_temp_21.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

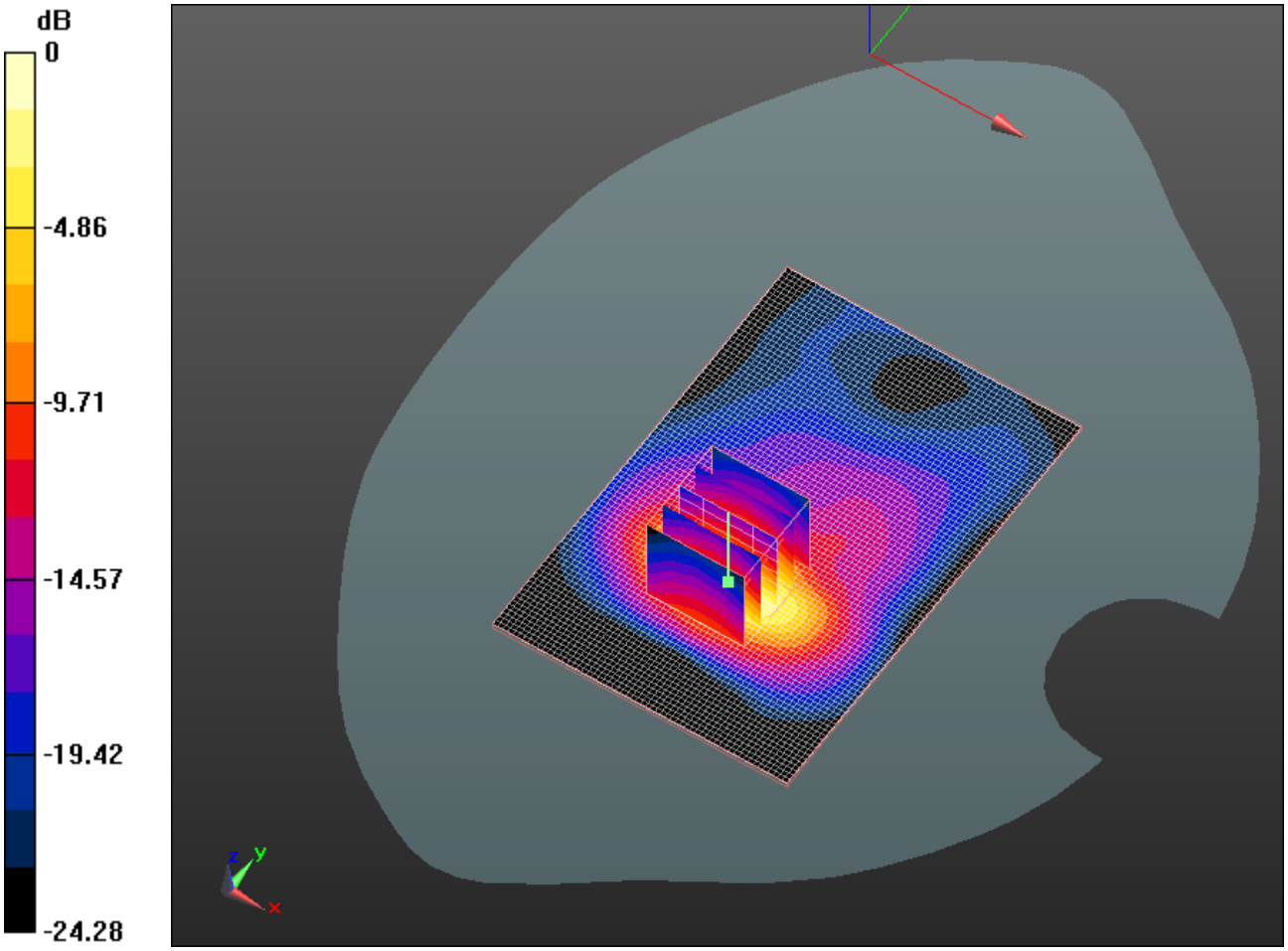
Communication System: 802.11 b (2450); Frequency: 2412 MHz
Medium parameters used: f = 2412 MHz; σ = 1.957 mho/m; ε_r = 50.451; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.43, 4.43, 4.43); Calibrated: 1/13/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.830 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.201 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.309 W/kg
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.823 mW/g



0 dB = 0.820mW/g

Date/Time: 12/7/2011 10:37:13 PM, Date/Time: 12/7/2011 10:44:03 PM

Test Laboratory: RIM Testing Services

MHS_Back_802.11b_mid_chan_amb_temp_23.3_liq_temp_21.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: 802.11 b (2450); Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.977 mho/m; ε_r = 50.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

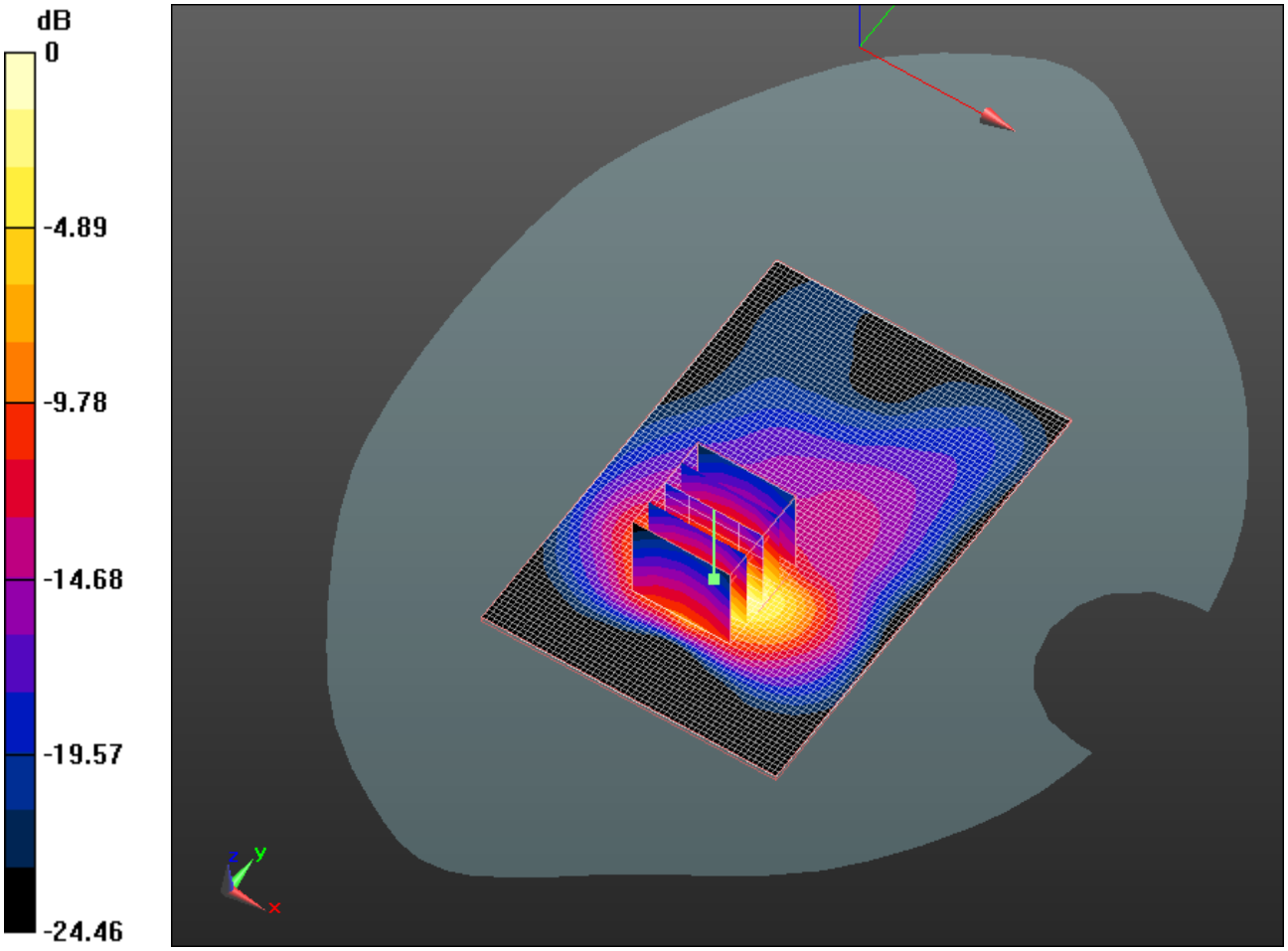
- Probe: ES3DV3 - SN3225; ConvF(4.43, 4.43, 4.43); Calibrated: 1/13/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.860 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.044 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.431 W/kg
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.296 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.882 mW/g



0 dB = 0.880mW/g

Date/Time: 12/8/2011 12:17:35 AM, Date/Time: 12/8/2011 12:24:25 AM

Test Laboratory: RIM Testing Services

MHS_Back_802.11b_high_chan_amb_temp_23.4_liq_temp_21.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

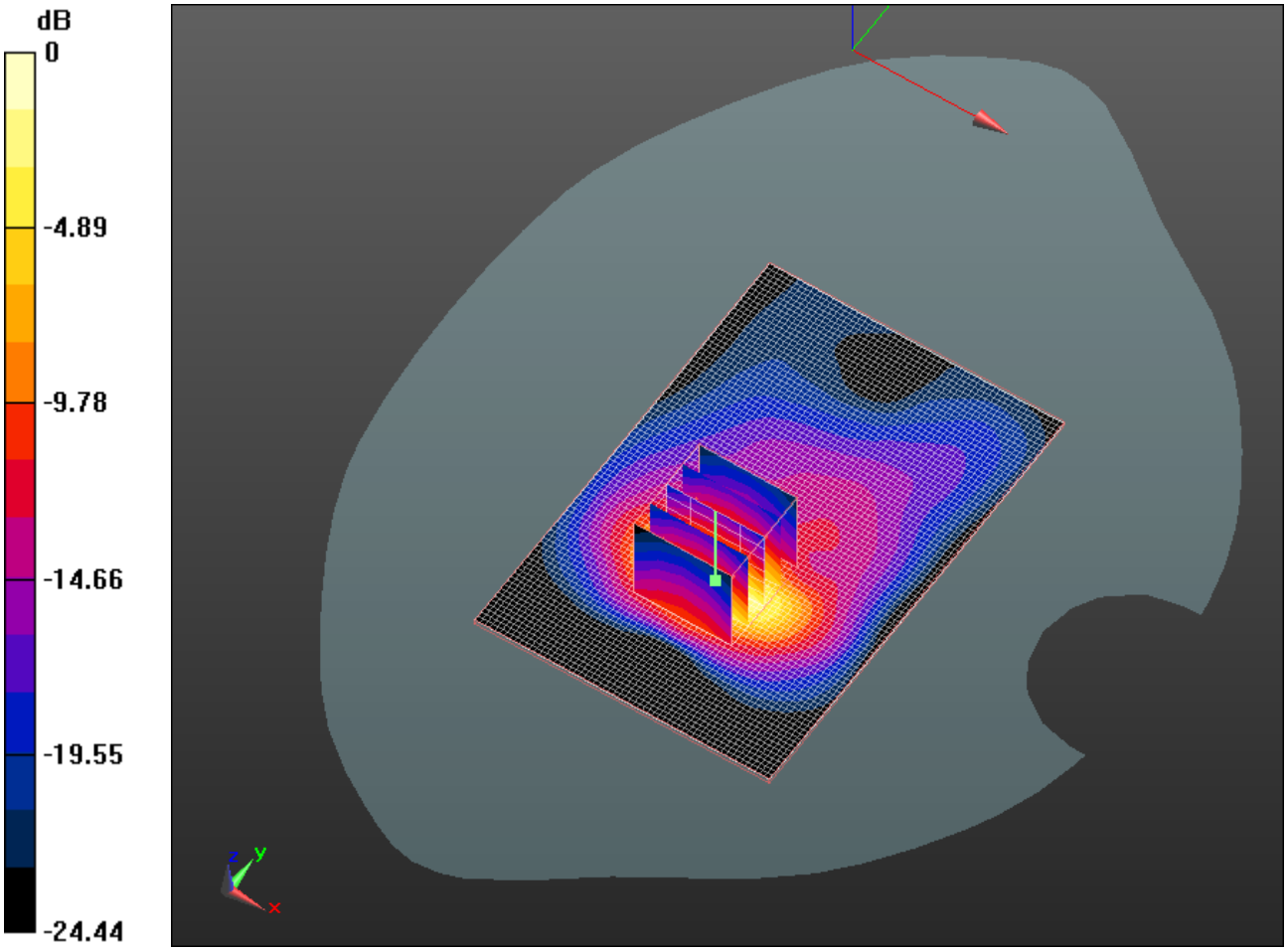
Communication System: 802.11 b (2450); Frequency: 2462 MHz
Medium parameters used: f = 2462 MHz; σ = 2.01 mho/m; ε_r = 50.17; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 - SN3225; ConvF(4.43, 4.43, 4.43); Calibrated: 1/13/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.940 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.557 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.535 W/kg
SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.943 mW/g



0 dB = 0.940mW/g

Date/Time: 12/6/2011 10:46:11 PM, Date/Time: 12/6/2011 10:52:59 PM

Test Laboratory: RIM Testing Services

MHS_Front_802.11b_mid_chan_amb_temp_23.3_liq_temp_22.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: 802.11 b (2450); Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.848 mho/m; ε_r = 38.632; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

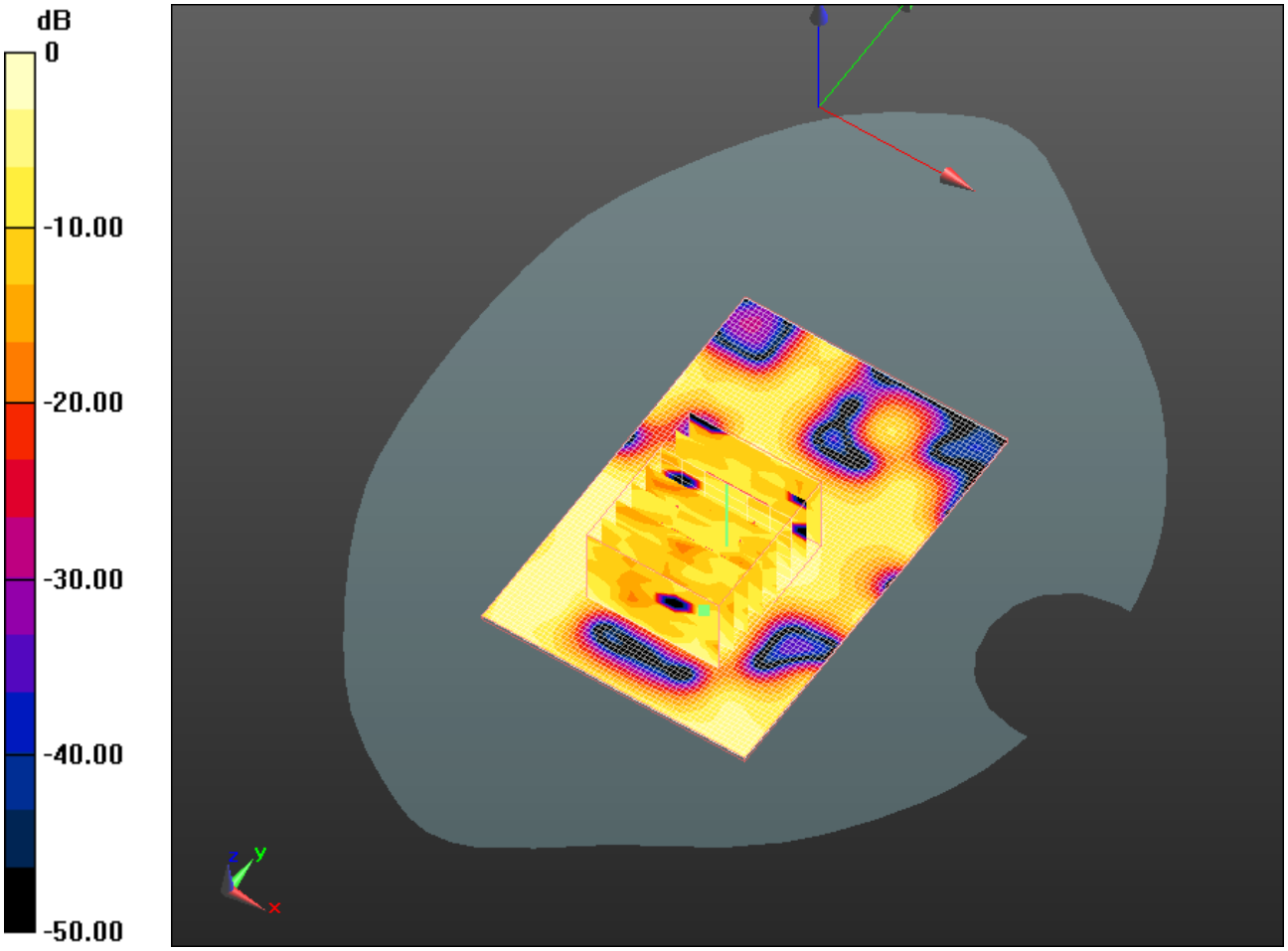
- Probe: ES3DV3 - SN3225; ConvF(4.6, 4.6, 4.6); Calibrated: 1/13/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.00571 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (7x8x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.102 V/m; Power Drift = 1.58 dB
Peak SAR (extrapolated) = 0.00854 W/kg
SAR(1 g) = 0.0038 mW/g; SAR(10 g) = 0.00186 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00491 mW/g



0 dB = 0.0049mW/g

Date/Time: 12/7/2011 1:20:19 AM, Date/Time: 12/7/2011 1:27:06 AM

Test Laboratory: RIM Testing Services

MHS_Right_802.11b_mid_chan_amb_temp_23.2_liq_temp_22.4C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: 802.11 b (2450); Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.848 mho/m; ε_r = 38.632; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

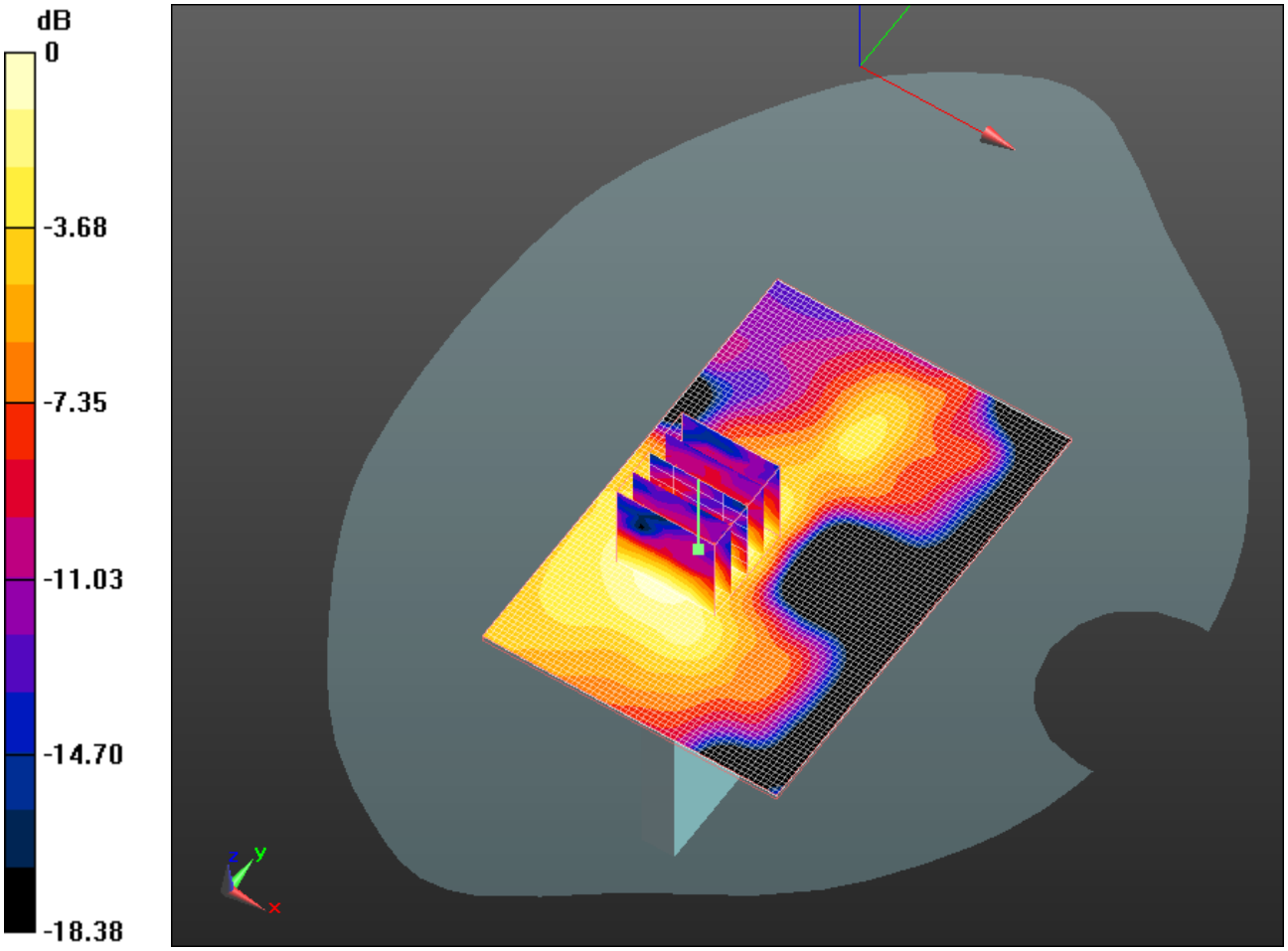
- Probe: ES3DV3 - SN3225; ConvF(4.6, 4.6, 4.6); Calibrated: 1/13/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.011 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.631 V/m; Power Drift = 0.43 dB
Peak SAR (extrapolated) = 0.041 W/kg
SAR(1 g) = 0.00977 mW/g; SAR(10 g) = 0.00513 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.012 mW/g



0 dB = 0.010mW/g

Date/Time: 12/7/2011 2:14:58 AM, Date/Time: 12/7/2011 2:21:45 AM

Test Laboratory: RIM Testing Services

MHS_Top_802.11b_mid_chan_amb_temp_23.3_liq_temp_22.1C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

Communication System: 802.11 b (2450); Frequency: 2437 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.848 mho/m; ε_r = 38.632; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

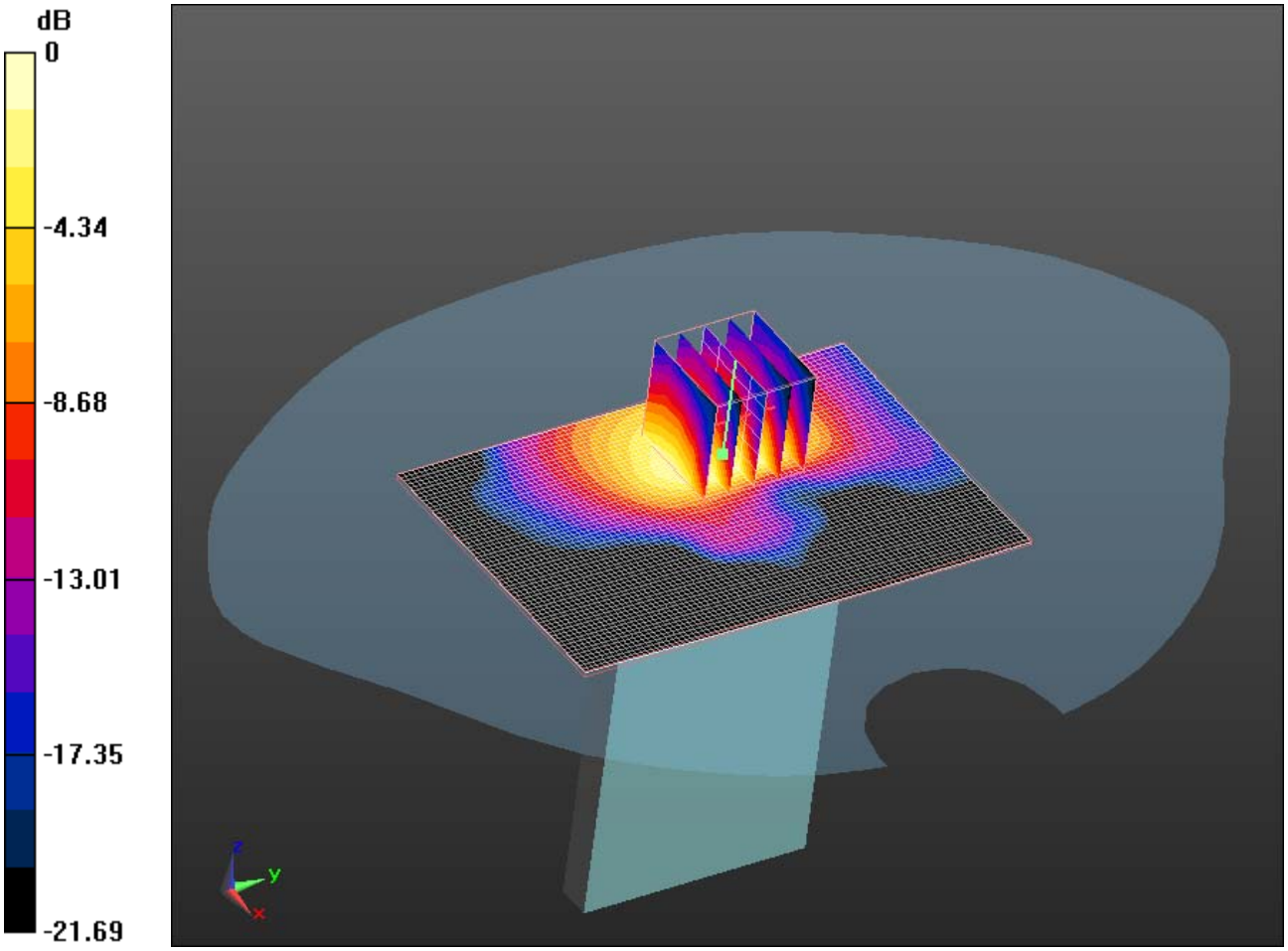
- Probe: ES3DV3 - SN3225; ConvF(4.6, 4.6, 4.6); Calibrated: 1/13/2011
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.081 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.897 V/m; Power Drift = 0.32 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.030 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.071 mW/g



0 dB = 0.070mW/g

Date/Time: 1/25/2012 9:26:37 PM

Test Laboratory: RIM Testing Services

MHS_Back_Bluetooth_high_chan_amb_temp_22.4_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

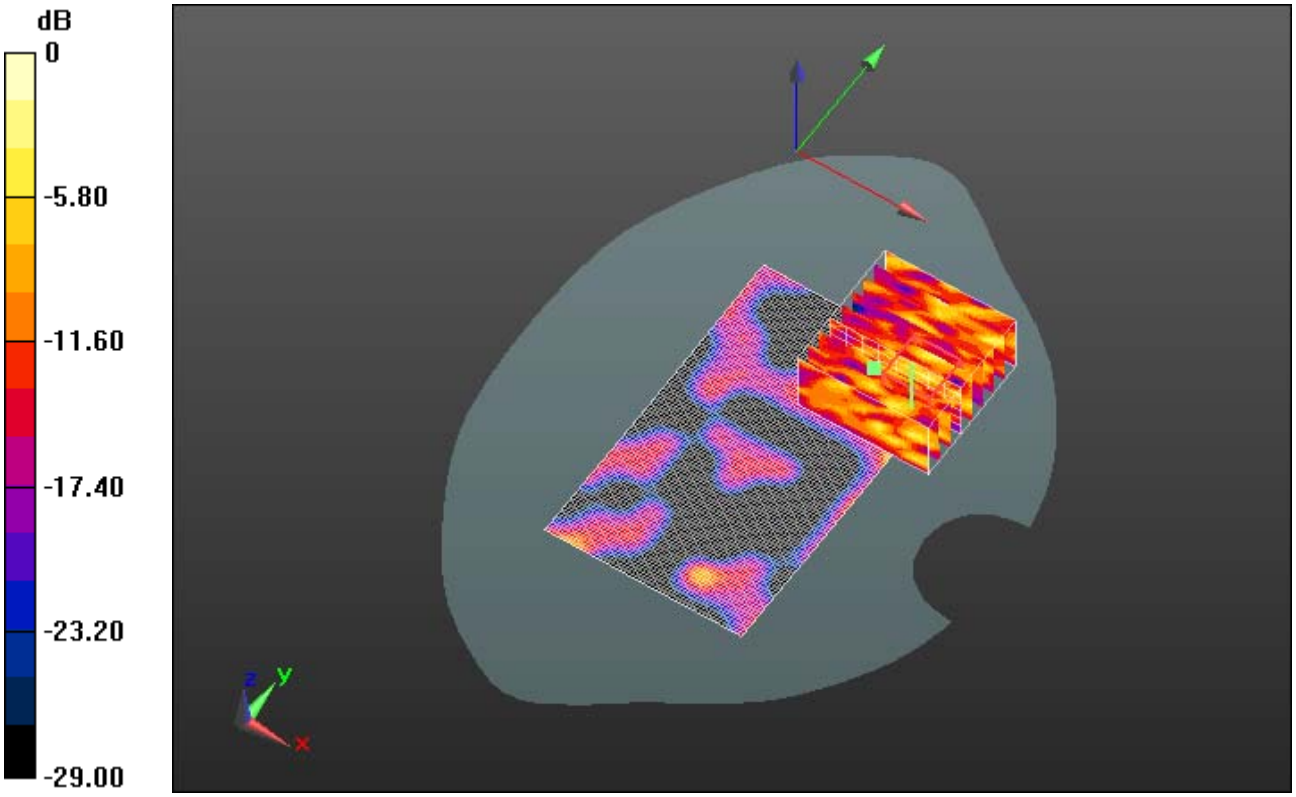
Communication System: Bluetooth; Frequency: 2480 MHz
Medium parameters used: f = 2480 MHz; σ = 2.022 mho/m; ε_r = 50.411; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.14, 4.14, 4.14); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00522 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (9x9x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.987 V/m; Power Drift = -0.36 dB
Peak SAR (extrapolated) = 0.0280
SAR(1 g) = 0.000976 mW/g; SAR(10 g) = 0.000232 mW/g
Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

Date/Time: 1/25/2012 10:09:55 PM

Test Laboratory: RIM Testing Services

MHS_Front_Bluetooth_high_chan_amb_temp_22.6_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

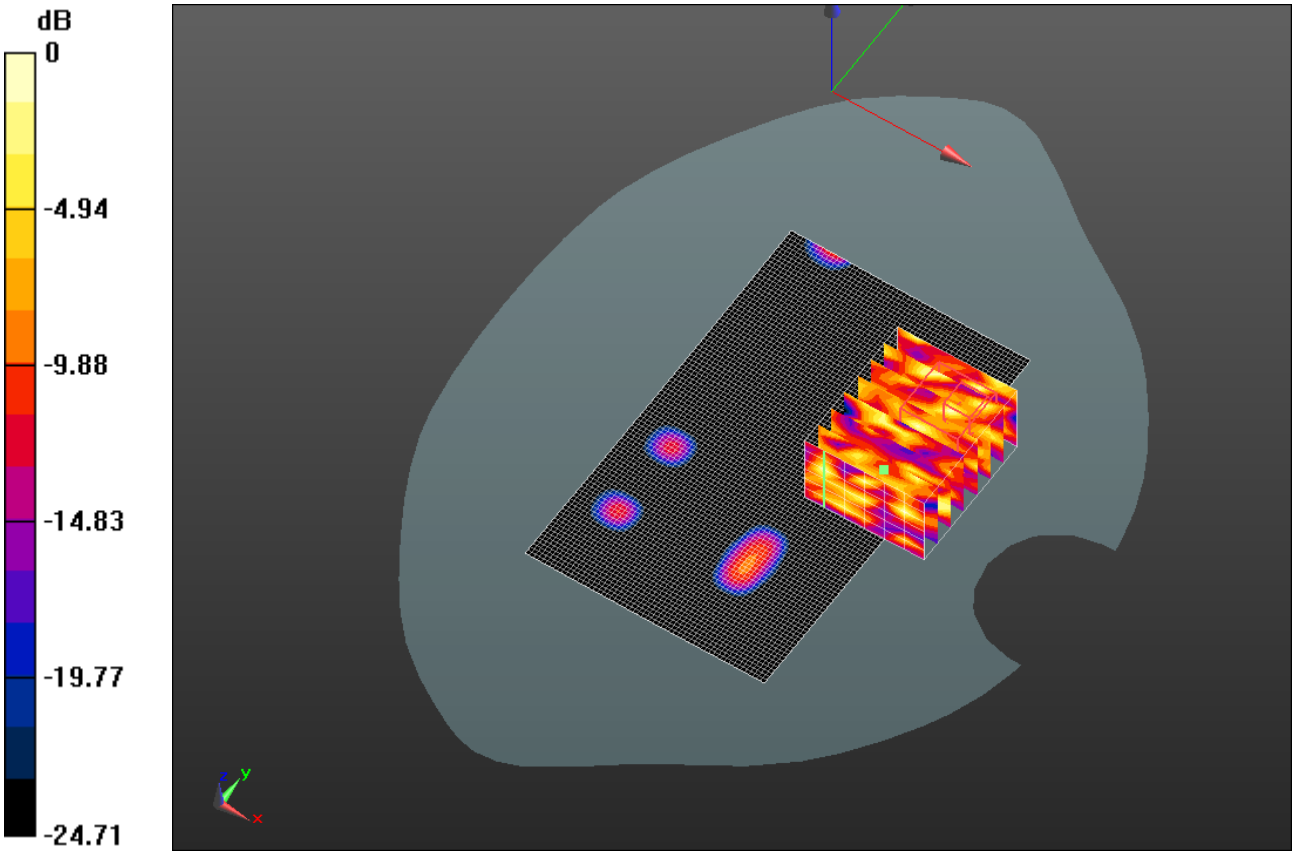
Communication System: Bluetooth; Frequency: 2480 MHz
Medium parameters used: f = 2480 MHz; σ = 2.022 mho/m; ε_r = 50.411; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.14, 4.14, 4.14); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00247 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (7x8x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.692 V/m; Power Drift = 2.77 dB
Peak SAR (extrapolated) = 0.0180
SAR(1 g) = 0.000737 mW/g; SAR(10 g) = 0.000181 mW/g
Maximum value of SAR (measured) = 0.018 mW/g



0 dB = 0.020mW/g = -33.98 dB mW/g

Date/Time: 1/25/2012 11:07:27 PM

Test Laboratory: RIM Testing Services

MHS_Right_Bluetooth_high_chan_amb_temp_22.4_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

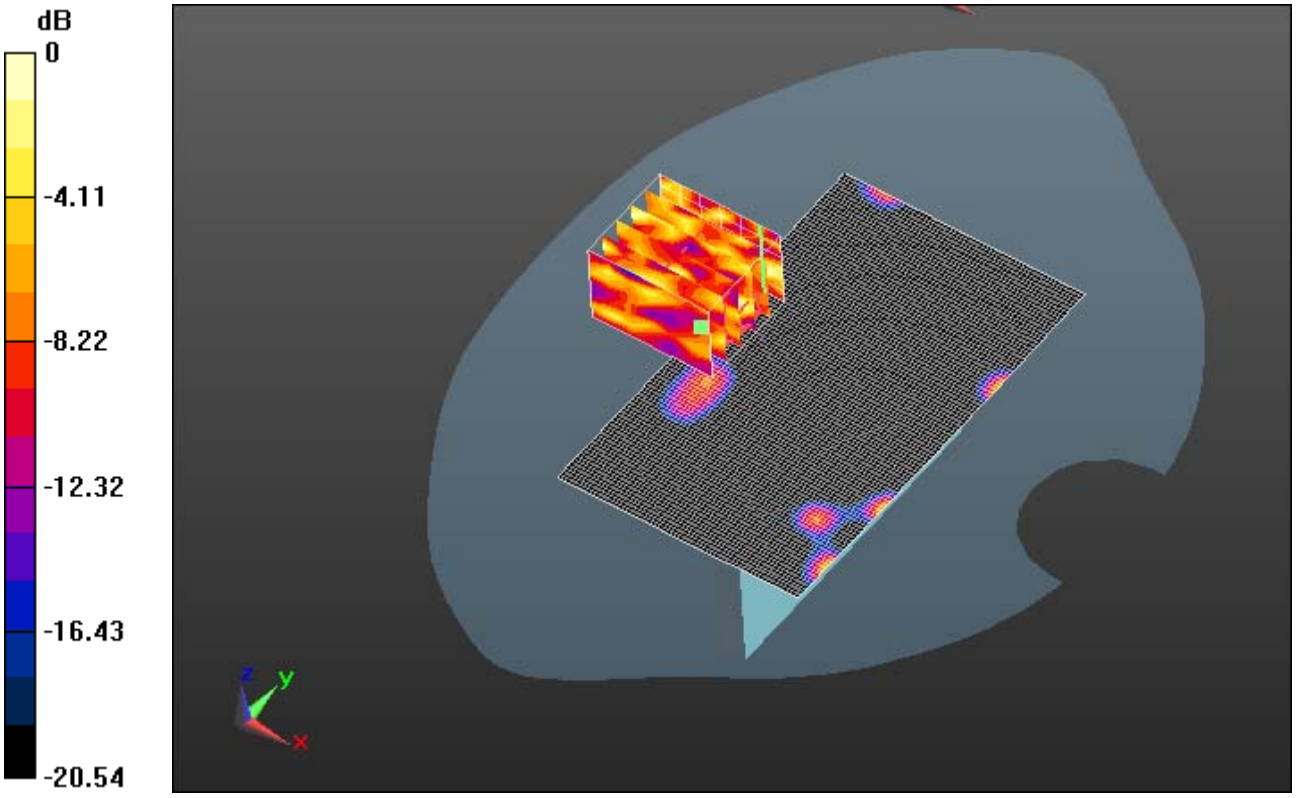
Communication System: Bluetooth; Frequency: 2480 MHz
Medium parameters used: f = 2480 MHz; σ = 2.022 mho/m; ε_r = 50.411; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.14, 4.14, 4.14); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0037 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (7x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.949 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0110
SAR(1 g) = 0.000791 mW/g; SAR(10 g) = 0.000131 mW/g
Maximum value of SAR (measured) = 0.011 mW/g



0 dB = 0.010mW/g = -40.00 dB mW/g

Date/Time: 1/25/2012 11:37:36 PM

Test Laboratory: RIM Testing Services

MHS_Bottom_Bluetooth_high_chan_amb_temp_22.6_liq_temp_20.2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 2868B77A

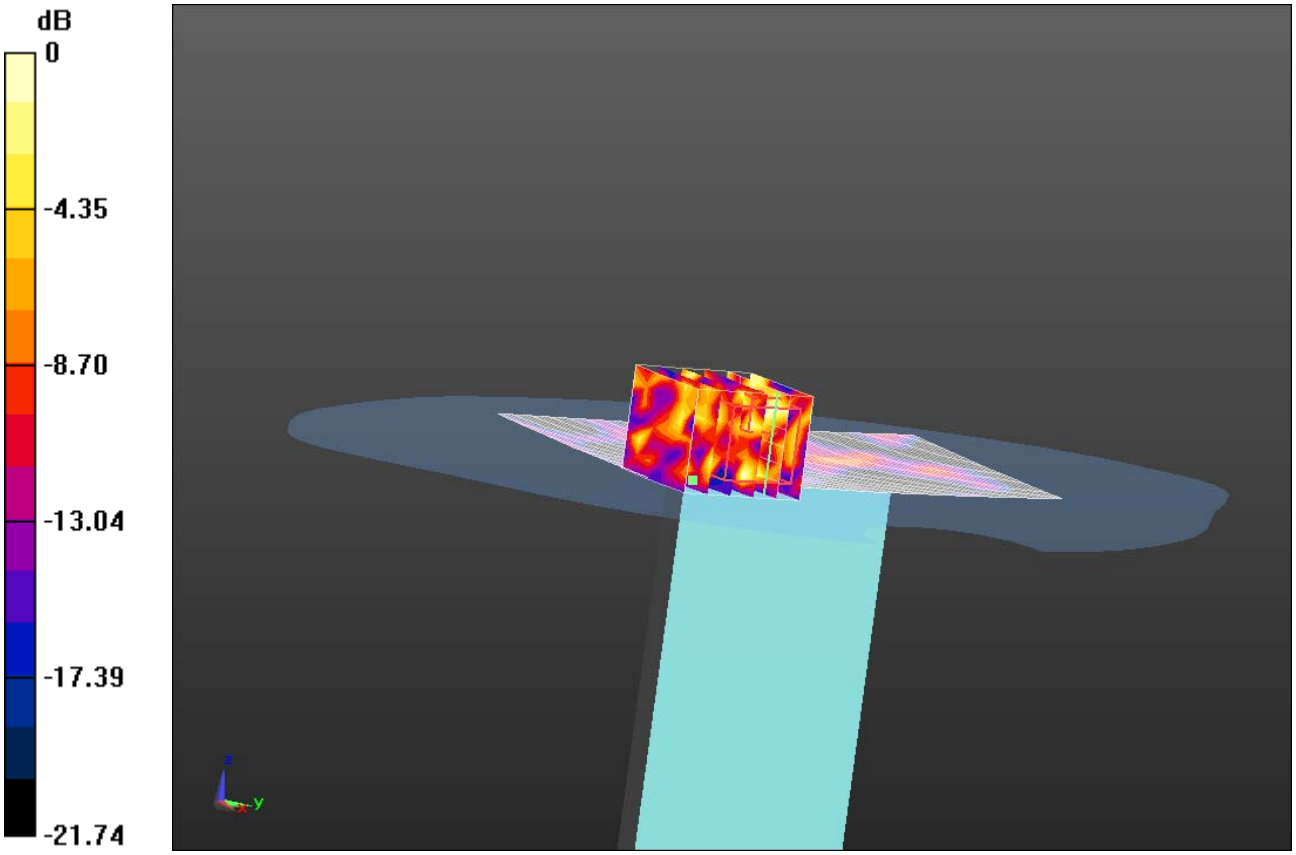
Communication System: Bluetooth; Frequency: 2480 MHz
Medium parameters used: f = 2480 MHz; σ = 2.022 mho/m; ε_r = 50.411; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ET3DV6 - SN1644; ConvF(4.14, 4.14, 4.14); Calibrated: 11/15/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Touch position -/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.00436 mW/g

Configuration/Touch position -/Zoom Scan (5x5x7) (6x6x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.887 V/m; Power Drift = 0.69 dB
Peak SAR (extrapolated) = 0.0240
SAR(1 g) = 0.00148 mW/g; SAR(10 g) = 0.000391 mW/g
Maximum value of SAR (measured) = 0.024 mW/g



0 dB = 0.020mW/g = -33.98 dB mW/g

Z axis plot for the worst case head configuration