APPENDIX A: SAR DISTRIBUTION COMPARISON FOR ACCURACY VERIFICATION

Date/Time: 19/07/2007 4:01:13 PM

Test Laboratory: RTS
File Name: DipoleValidation_900MHz_Amb_Tem_23_2_Liq_Tem_22_3_C.da4

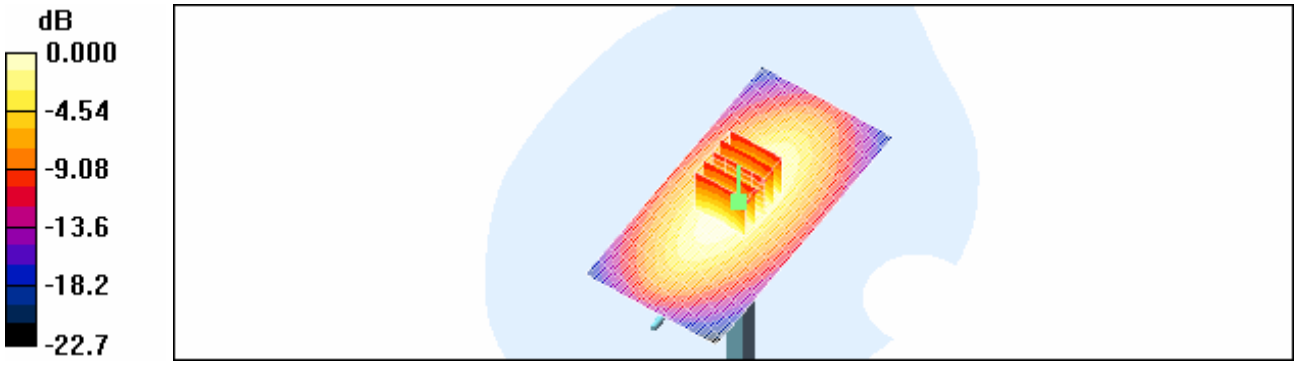
DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN:133
Program Name: System Performance Check at 900 MHz

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 900 MHz; σ = 0.973 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=1000mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 111.8 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 15.8 W/kg
SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.76 mW/g
Maximum value of SAR (measured) = 11.4 mW/g

d=15mm, Pin=1000mW/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.5 mW/g



0 dB = 11.5mW/g

APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

Date/Time: 18/07/2007 7:32:53 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE850_high_chan_amb_temp_24_1_liq_temp_22_6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section

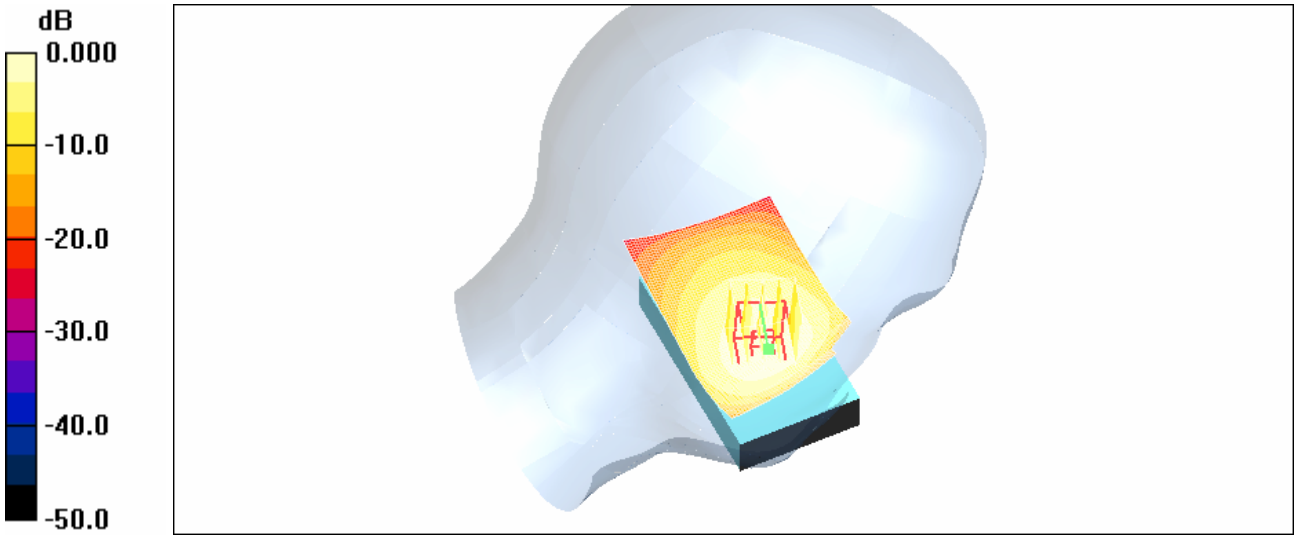
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.704 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 mW/g

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.12 mW/g



0 dB = 1.12mW/g

Date/Time: 18/07/2007 7:43:33 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE850_BT_high_chan_amb_temp_24_2_liq_temp_22_7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section

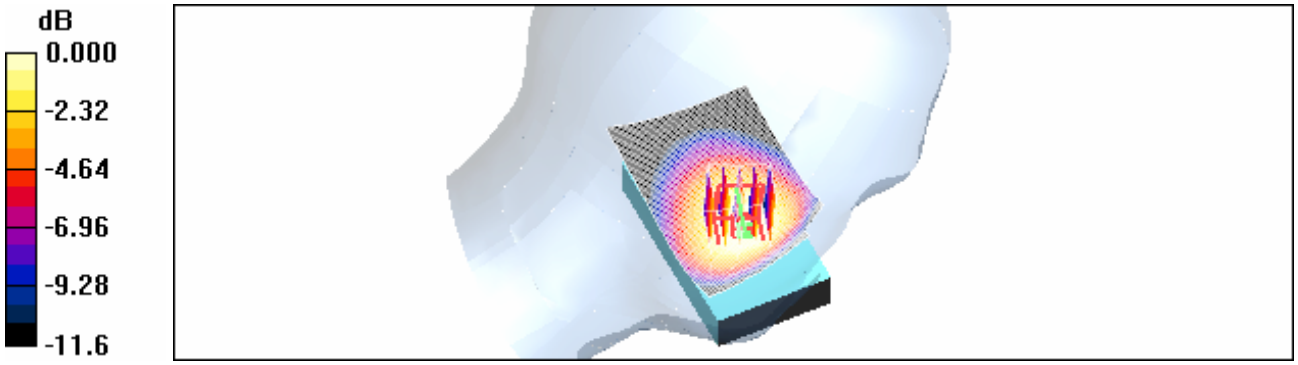
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.15 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.248 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.607 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.935 mW/g



0 dB = 0.935mW/g

Date/Time: 18/07/2007 8:54:47 PM

Test Laboratory: RTS
File Name: LeftHandSide_Tilt_EDGE850_high_chan_amb_temp_24_3_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section

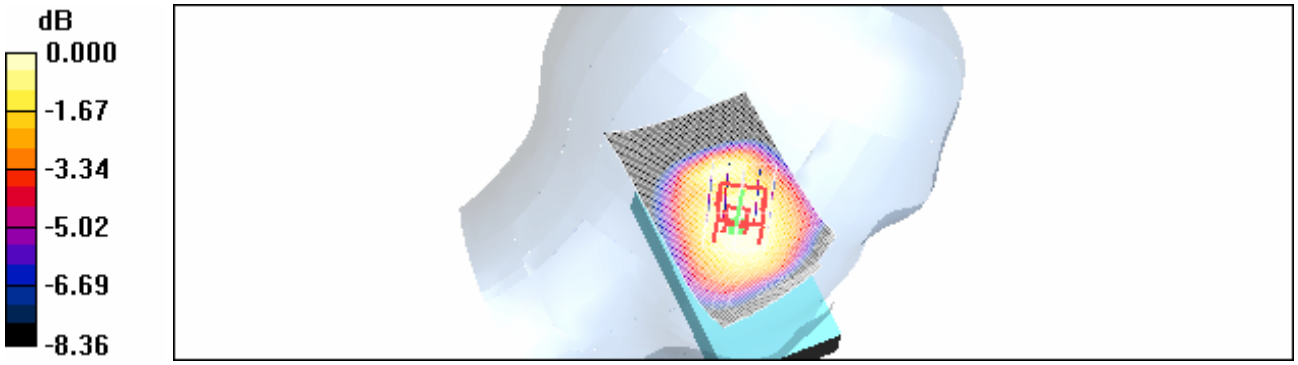
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.461 mW/g

Tilt position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.329 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.466 mW/g



0 dB = 0.466mW/g

Date/Time: 18/07/2007 8:15:51 PM

Test Laboratory: RTS
File Name: LeftHandSide_GSM850_high_chan_amb_temp_24_4_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Left Section

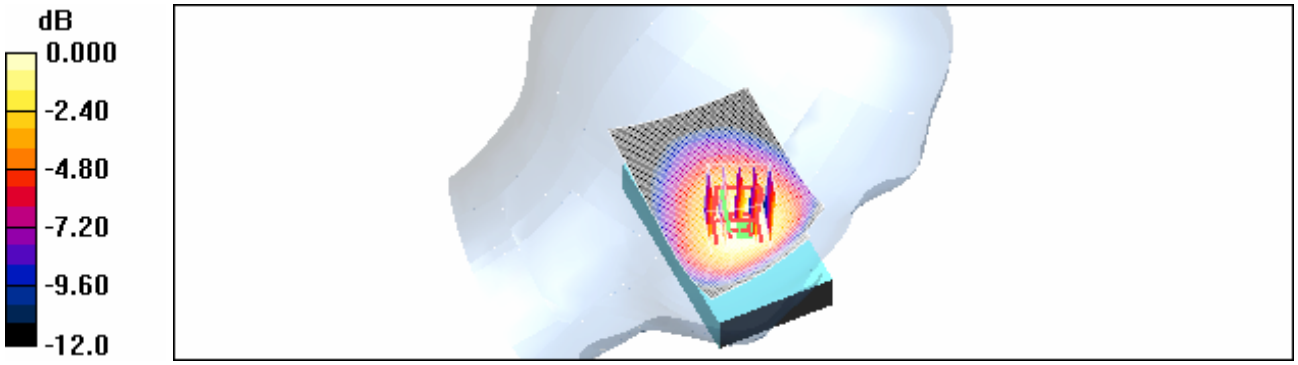
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.989 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.612 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.930 mW/g



0 dB = 0.930mW/g

Date/Time: 18/07/2007 5:24:07 PM

Test Laboratory: RTS
File Name: RightHandSide_EDGE850_high_chan_amb_temp_24_0_liq_temp_22_6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

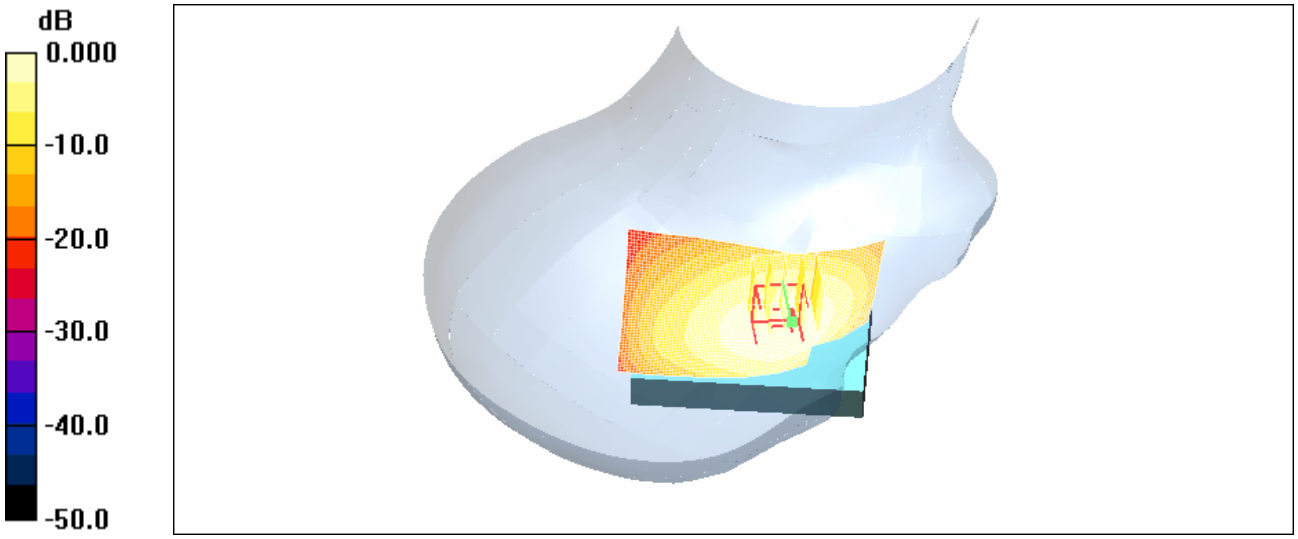
Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.729 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

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

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.10 mW/g



0 dB = 1.10mW/g

Date/Time: 18/07/2007 6:05:15 PM

Test Laboratory: RTS
File Name: RightHandSide_EDGE850_BT_High_chan_amb_temp_24_2_liq_temp_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section

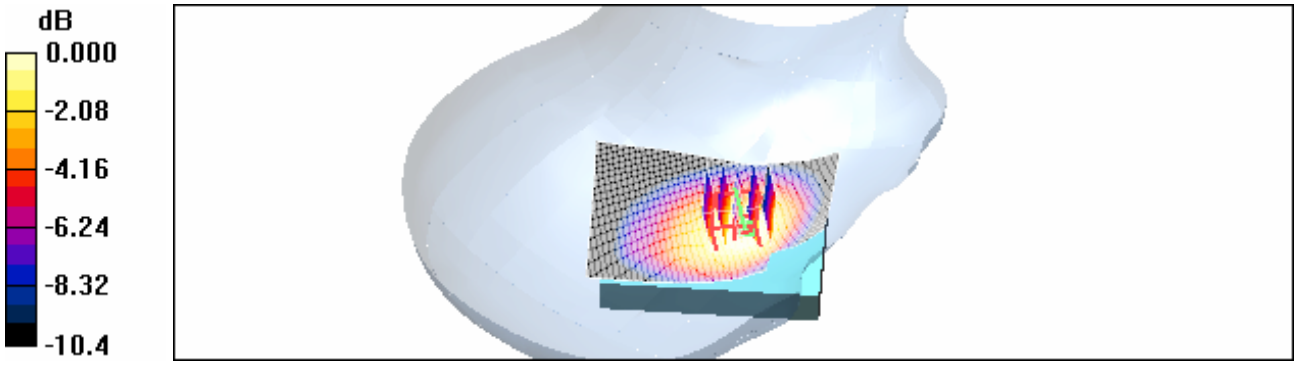
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.01 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.639 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.975 mW/g



0 dB = 0.975mW/g

Date/Time: 18/07/2007 6:38:01 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_EDGE850_High_chan_amb_temp_24_4_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

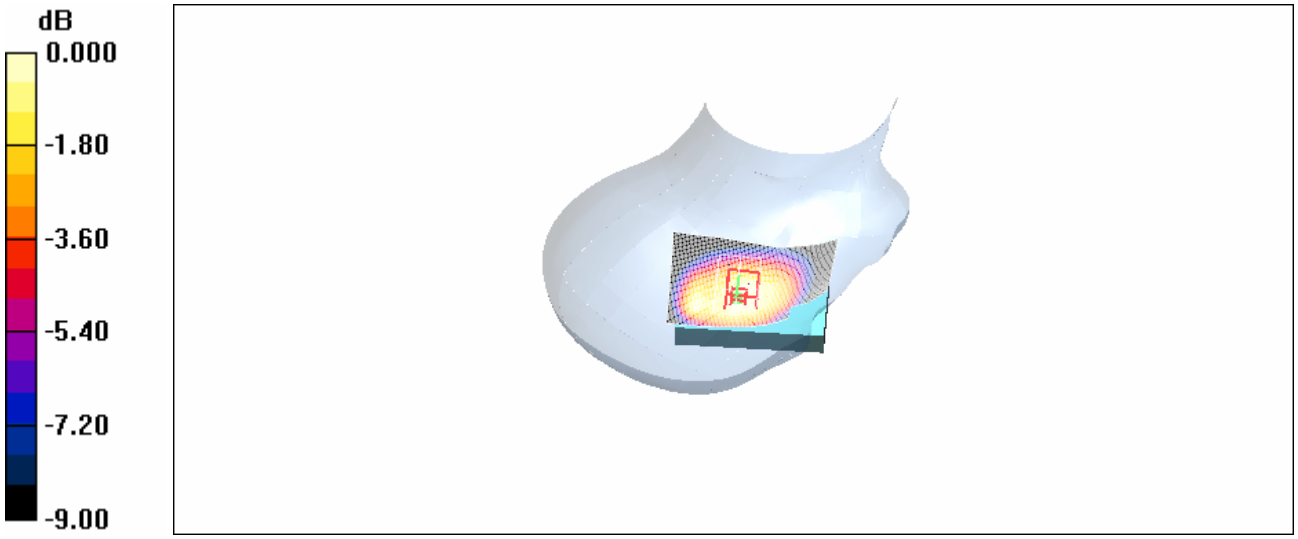
Touch position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.516 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.367 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.528 mW/g



0 dB = 0.528mW/g

Date/Time: 18/07/2007 5:47:25 PM

Test Laboratory: RTS
File Name: RightHandSide_GSM850_high_chan_amb_temp_24_3_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.892 mho/m; ε_r = 42.5; ρ = 1000 kg/m^3
Phantom section: Right Section

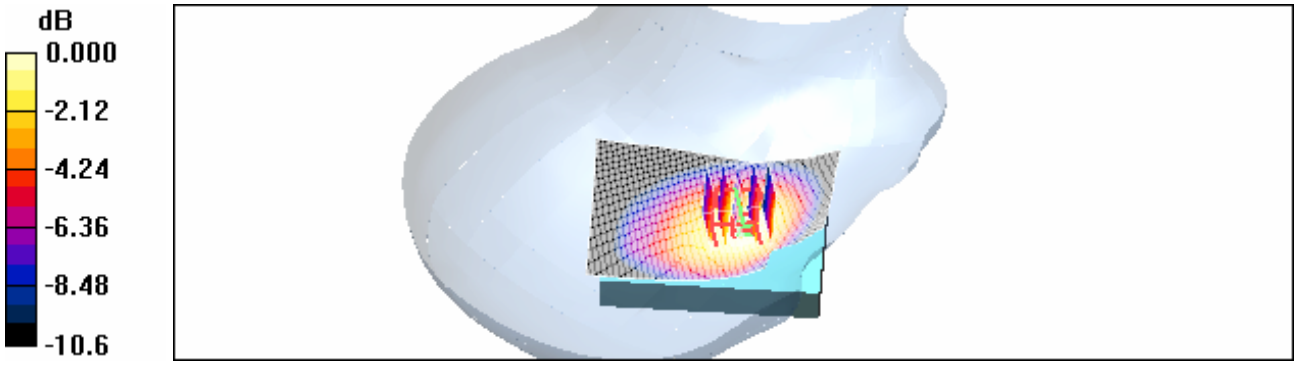
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.876 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.566 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.875 mW/g



0 dB = 0.875mW/g

Date/Time: 04/07/2007 11:00:04 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE1900_mid_chan_amb_temp_24_3_liq_temp_23_0C.da4

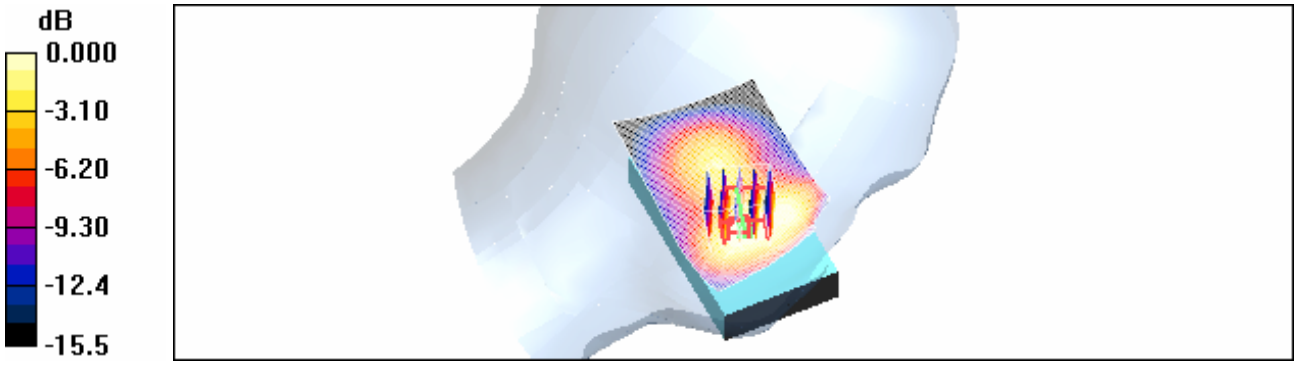
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.3 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.707 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.370 mW/g
Maximum value of SAR (measured) = 0.667 mW/g



0 dB = 0.667mW/g

Date/Time: 05/07/2007 1:44:02 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE1900_Tilt_mid_chan_amb_temp_23_8_liq_temp_23_0C.da4

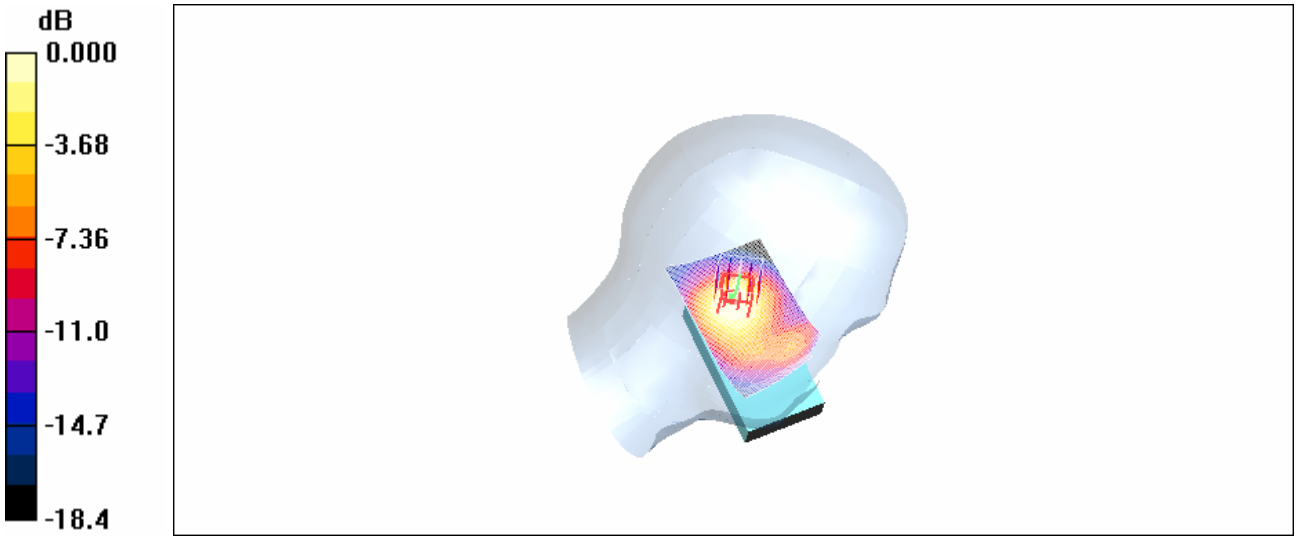
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.567 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 0.743 W/kg
SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.510 mW/g



0 dB = 0.510mW/g

Date/Time: 04/07/2007 11:18:53 PM

Test Laboratory: RTS
File Name: LeftHandSide_GSM1900_mid_chan_amb_temp_24_1_liq_temp_22_7C.da4

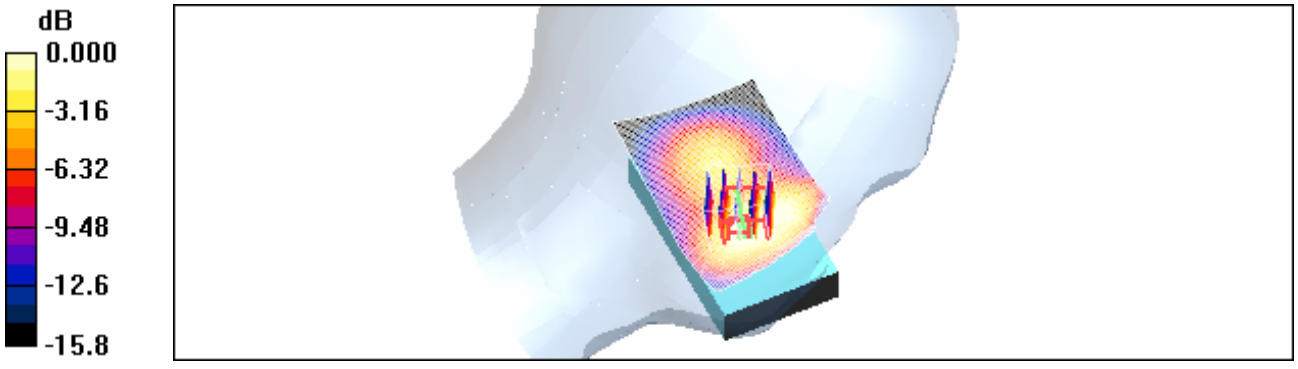
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.3 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.625 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.858 W/kg
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.598 mW/g



0 dB = 0.598mW/g

Date/Time: 05/07/2007 11:29:28 AM

Test Laboratory: RTS
File Name: RightHandSide_EDGE1900_mid_chan_amb_temp_24_2_liq_temp_23_3C.da4

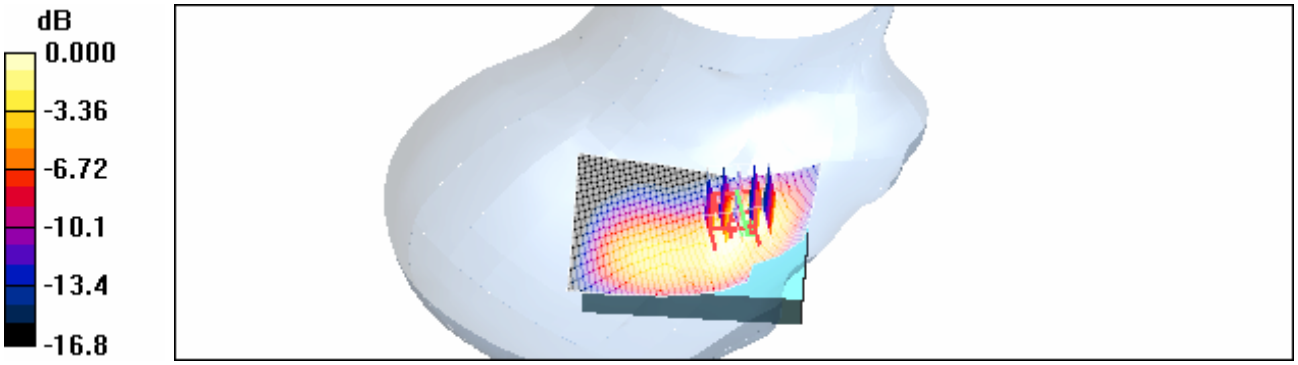
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.861 mW/g

Touch position - Mid_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.460 mW/g
Maximum value of SAR (measured) = 0.889 mW/g



0 dB = 0.889mW/g

Date/Time: 05/07/2007 12:42:02 PM

Test Laboratory: RTS
File Name: RightHandSide_EDGE1900_BT_mid_chan_amb_temp_23_3_liq_temp_22_5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

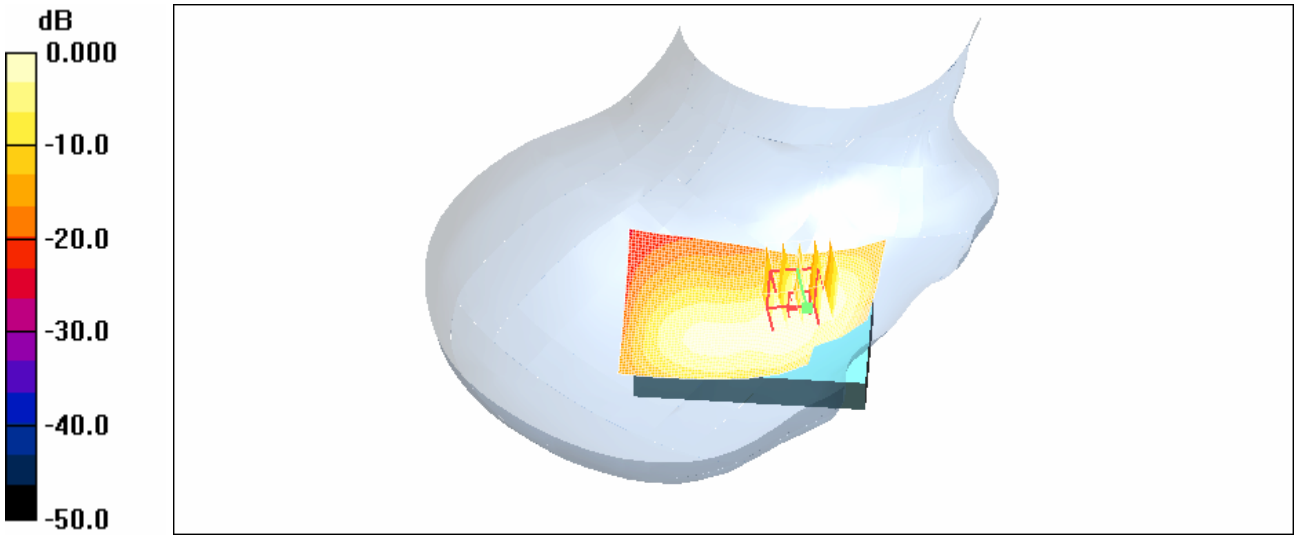
Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 0.914 mW/g

Touch position - Mid_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.861 mW/g



0 dB = 0.861mW/g

Date/Time: 05/07/2007 12:08:46 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_EDGE1900_mid_chan_amb_temp_23_5_liq_temp_22_8C.da4

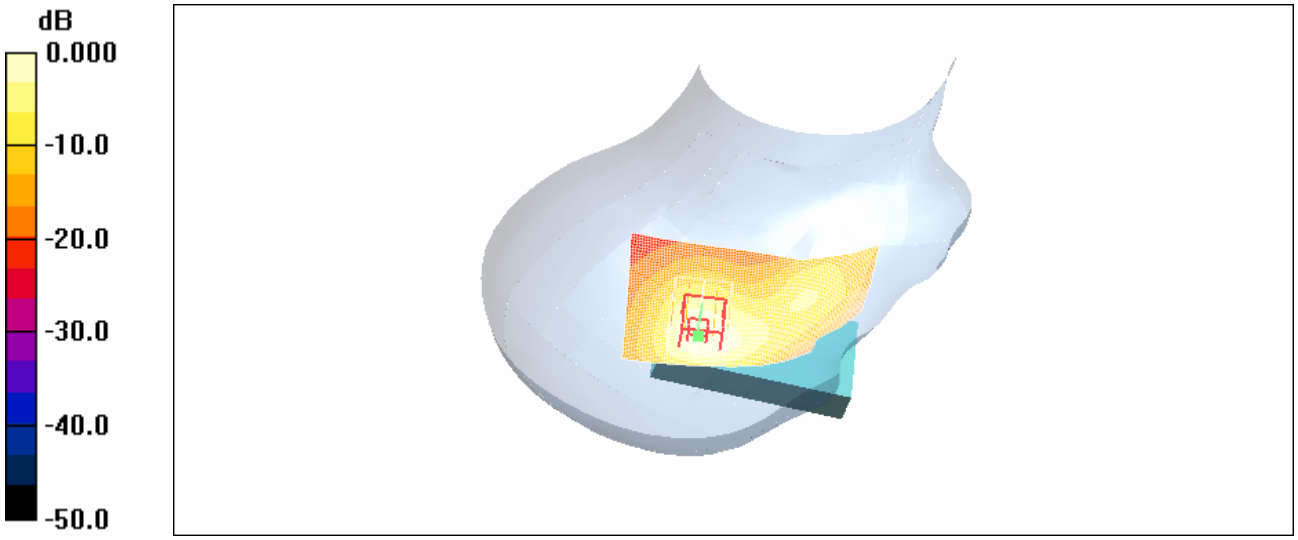
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 0.976 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.364 mW/g
Maximum value of SAR (measured) = 0.691 mW/g

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.774 mW/g



0 dB = 0.774mW/g

Date/Time: 05/07/2007 12:22:40 PM

Test Laboratory: RTS
File Name: RightHandSide_GSM1900_mid_chan_amb_temp_23_4_liq_temp_22_6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

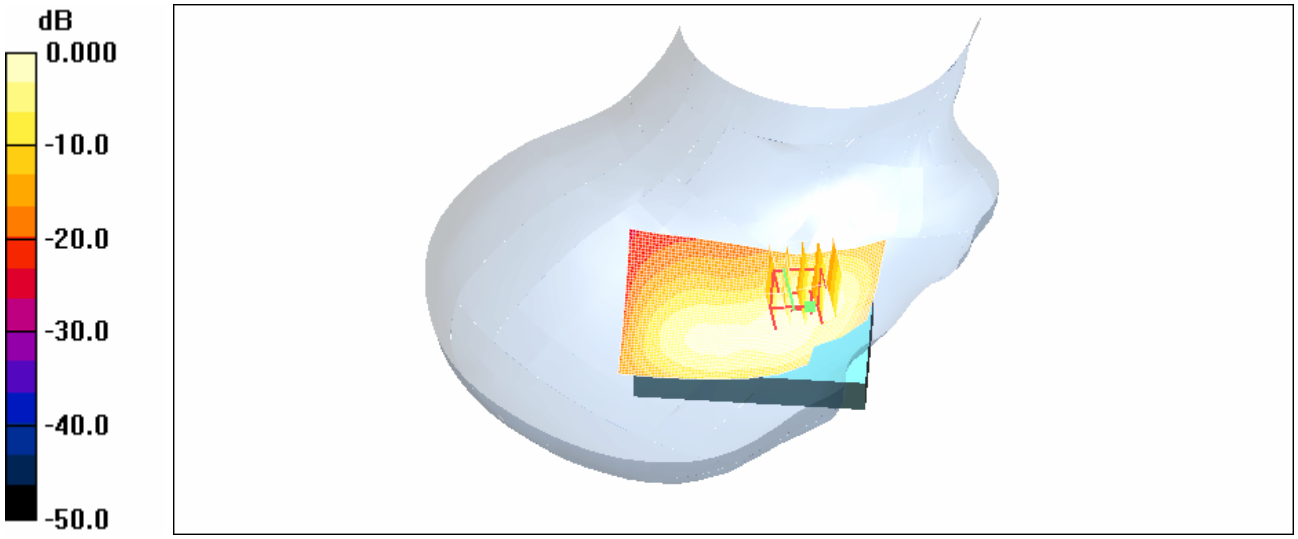
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.88 V/m; Power Drift = -0.331 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.800 mW/g

Touch position - Mid_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.935 mW/g



0 dB = 0.935mW/g

Date/Time: 26/07/2007 8:36:06 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE850_high_chan_amb_temp_24_2_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.913 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Left Section

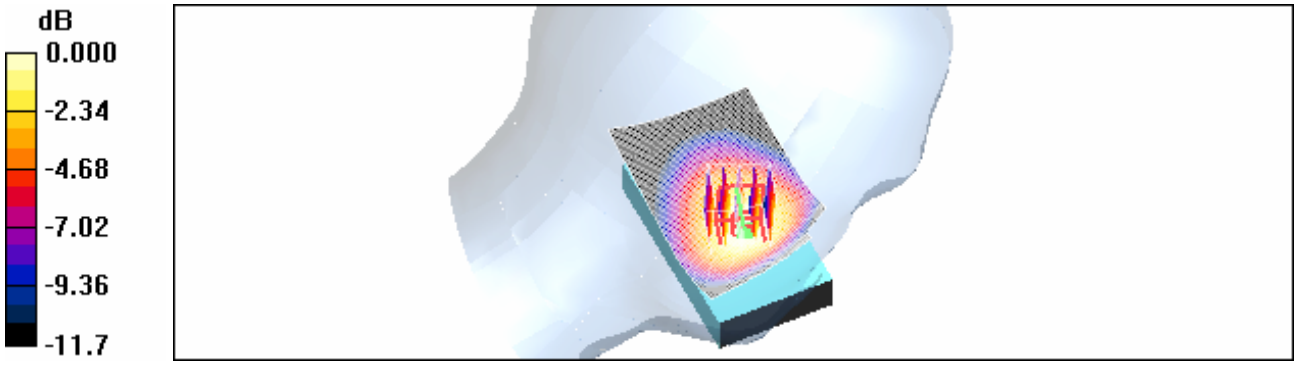
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.33 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.822 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g

Date/Time: 26/07/2007 8:15:27 PM

Test Laboratory: RTS
File Name: LeftHandSide_GSM850_high_chan_amb_temp_24_0_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.913 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Left Section

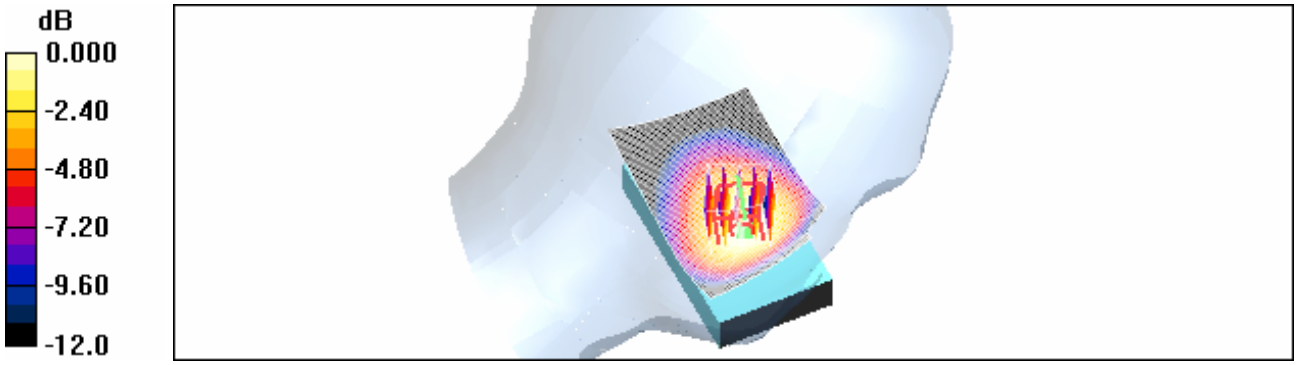
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.19 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.735 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

Date/Time: 26/07/2007 7:13:50 PM

Test Laboratory: RTS
File Name: RightHandSide_EDGE850_high_chan_amb_temp_23_8_liq_temp_22_7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 850; Frequency: 848.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.913 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Right Section

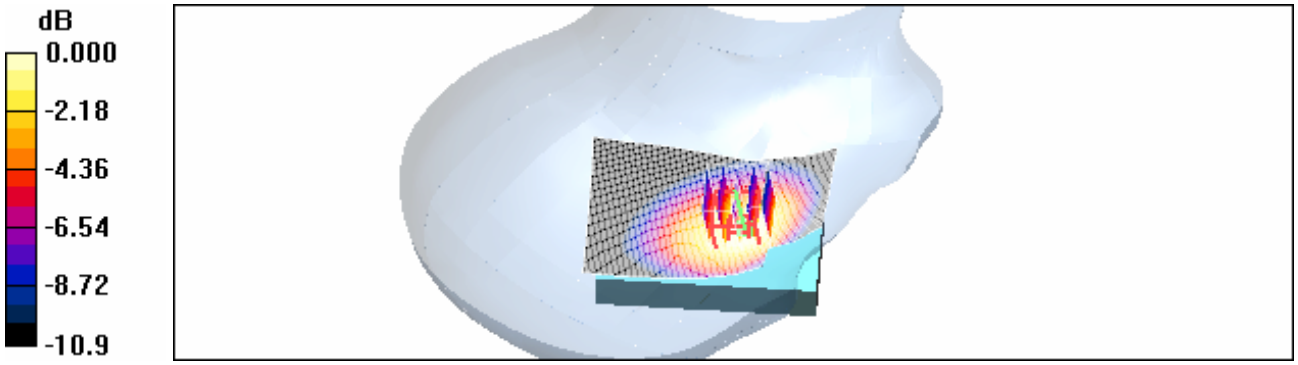
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.27 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.827 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27mW/g

Date/Time: 26/07/2007 7:36:10 PM

Test Laboratory: RTS
File Name: RightHandSide_GSM850_high_chan_amb_temp_23_9_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.913 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Right Section

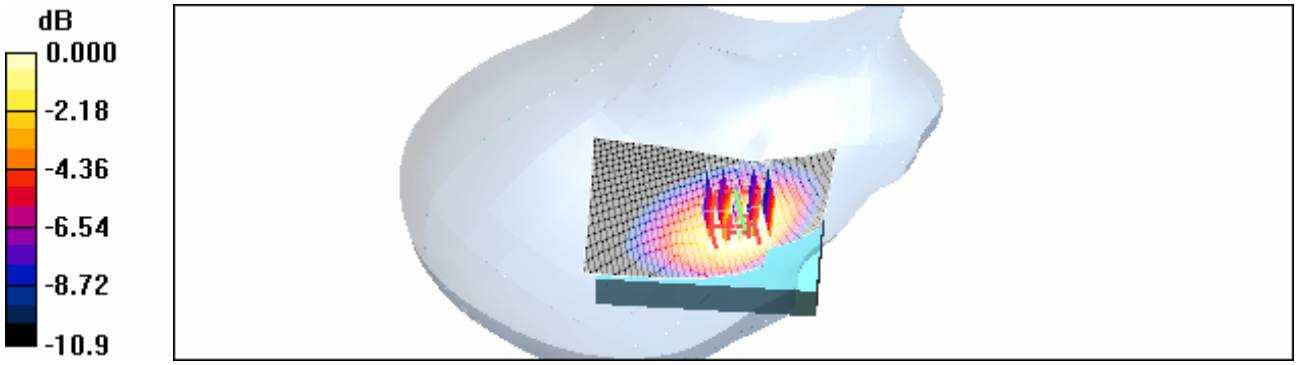
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.41, 6.41, 6.41); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.11 mW/g

Touch position - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.52 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.712 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

Date/Time: 25/07/2007 3:54:29 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE1900_low_chan_amb_temp_24_1_liq_temp_23_2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

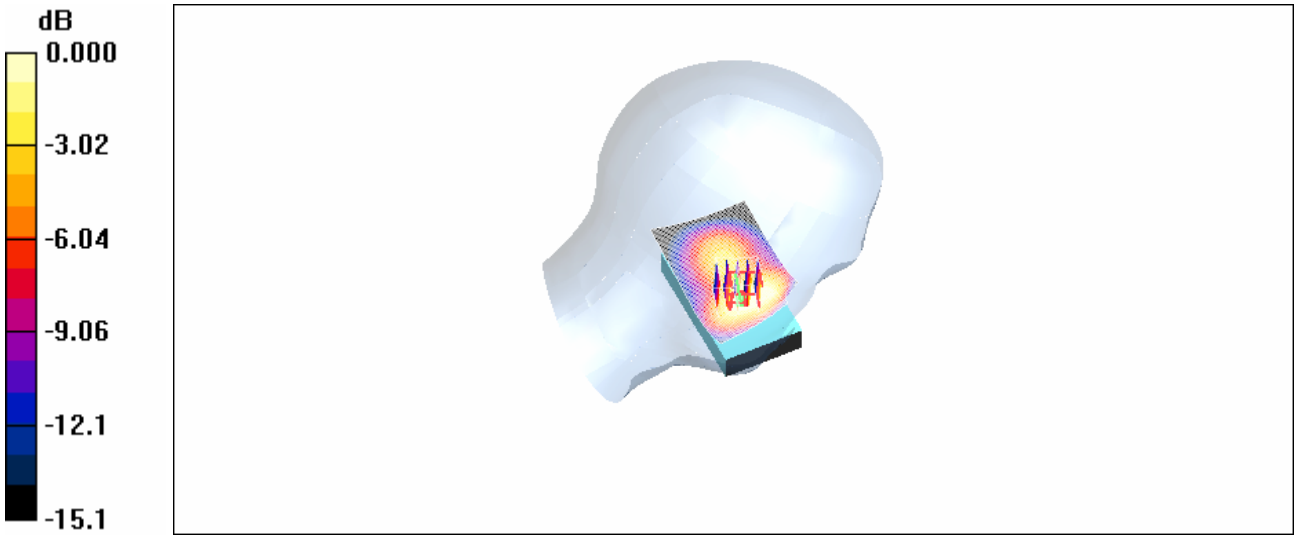
Touch position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.916 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.490 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.859mW/g

Date/Time: 25/07/2007 3:29:50 PM

Test Laboratory: RTS
File Name: LeftHandSide_EDGE1900_Tilt_low_chan_amb_temp_24_0_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section

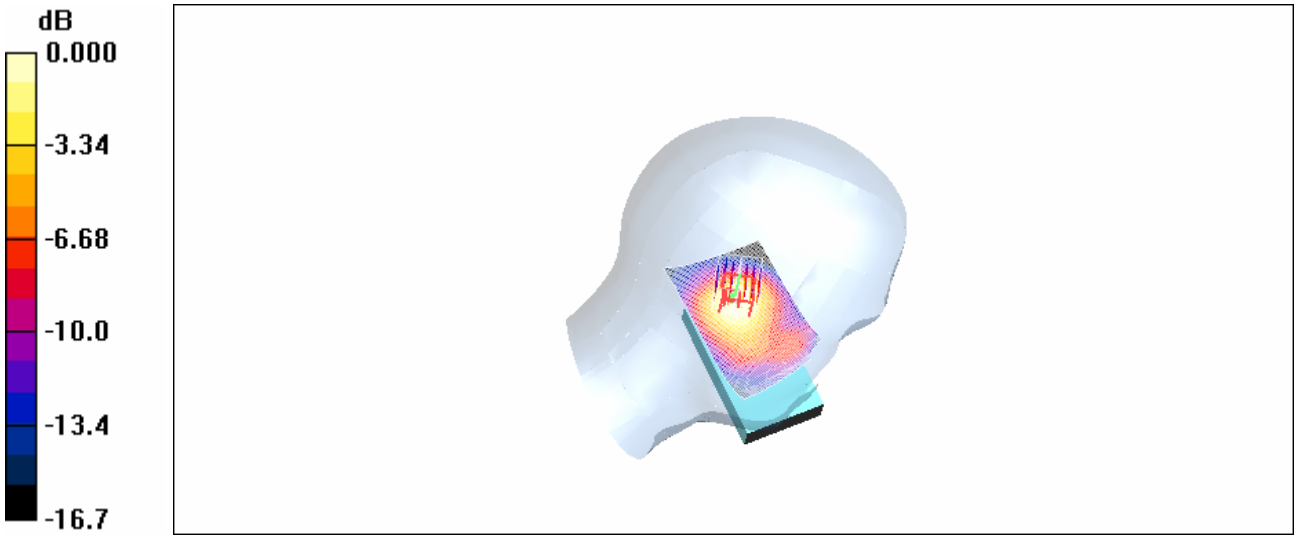
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.671 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.6 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.328 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.583 mW/g



0 dB = 0.583mW/g

Date/Time: 25/07/2007 5:04:28 PM

Test Laboratory: RTS
File Name: LeftHandSide_GSM1900_low_chan_amb_temp_23_8_liq_temp_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Left Section

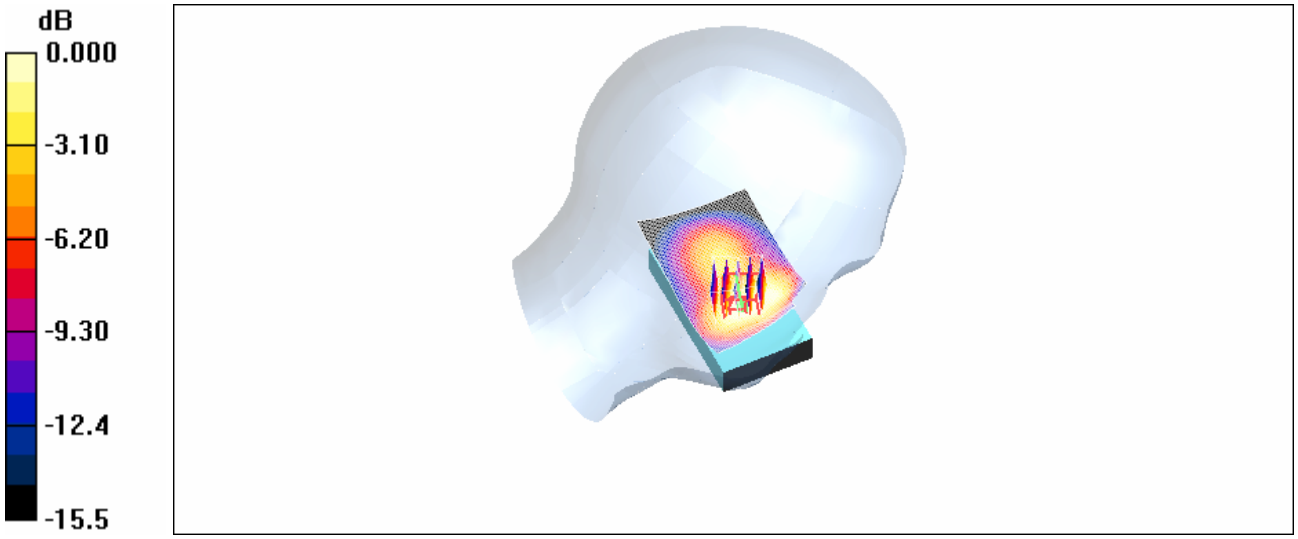
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.851 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.450 mW/g

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



0 dB = 0.791mW/g

Date/Time: 24/07/2007 10:17:27 PM

Test Laboratory: RTS
File Name: RightHandSide_EDGE1900_low_chan_amb_temp_24_0_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section

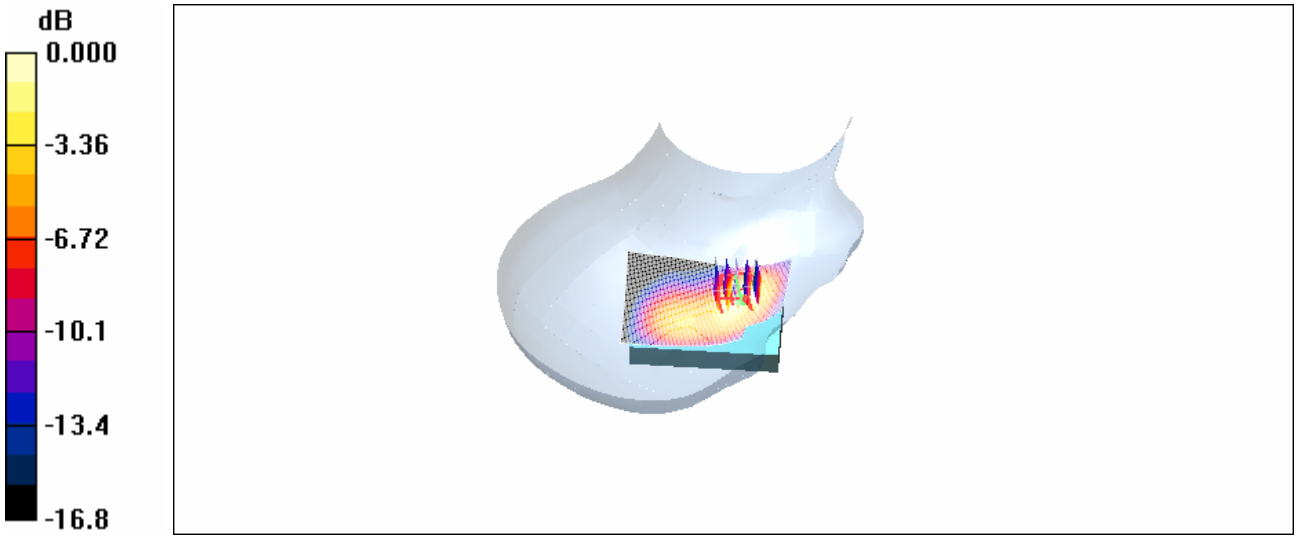
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.03 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.547 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g

Date/Time: 24/07/2007 10:57:05 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_EDGE1900_low_chan_amb_temp_24_2_liq_temp_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: EDGE 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section

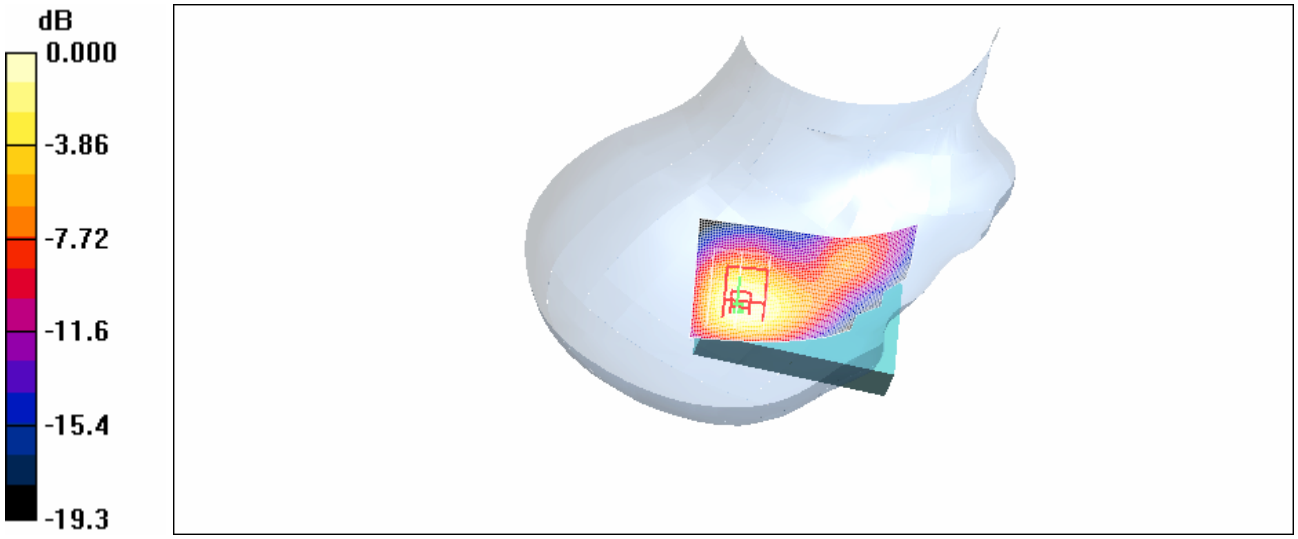
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.743 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.380 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.700 mW/g



0 dB = 0.700mW/g

Date/Time: 25/07/2007 5:30:19 PM

Test Laboratory: RTS
File Name: RightHandSide_GSM1900_low_chan_amb_temp_24_2_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Phantom section: Right Section

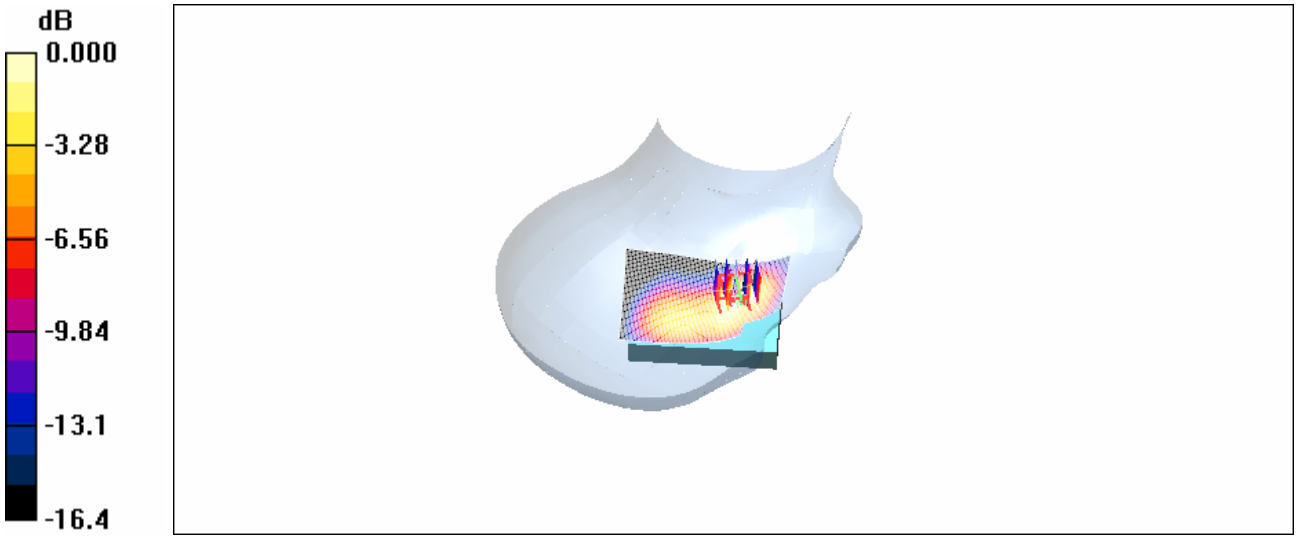
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.899 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.455 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.905 mW/g



0 dB = 0.905mW/g

Date/Time: 23/07/2007 5:24:02 PM

Test Laboratory: RTS
File Name: LeftHandSide_802.11b_mid_chan_amb_temp_24_5_liq_temp_23_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.92 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.07, 7.07, 7.07); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

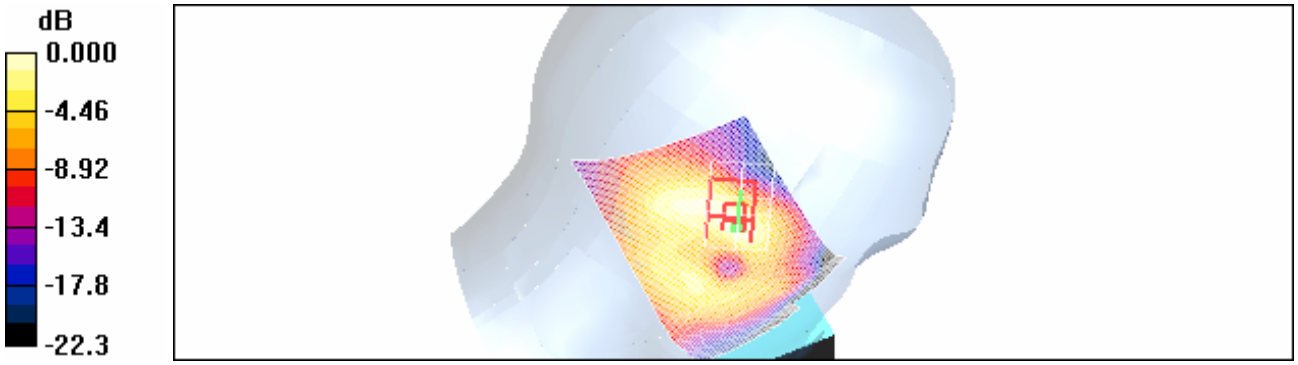
Touch position - Middle/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.314 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -1.09 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.115 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.316 mW/g



0 dB = 0.316mW/g

Date/Time: 23/07/2007 5:48:10 PM

Test Laboratory: RTS
File Name: LeftHandSide_Tilt_802.11b_mid_chan_amb_temp_24_7_liq_temp_23_5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.92 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Left Section

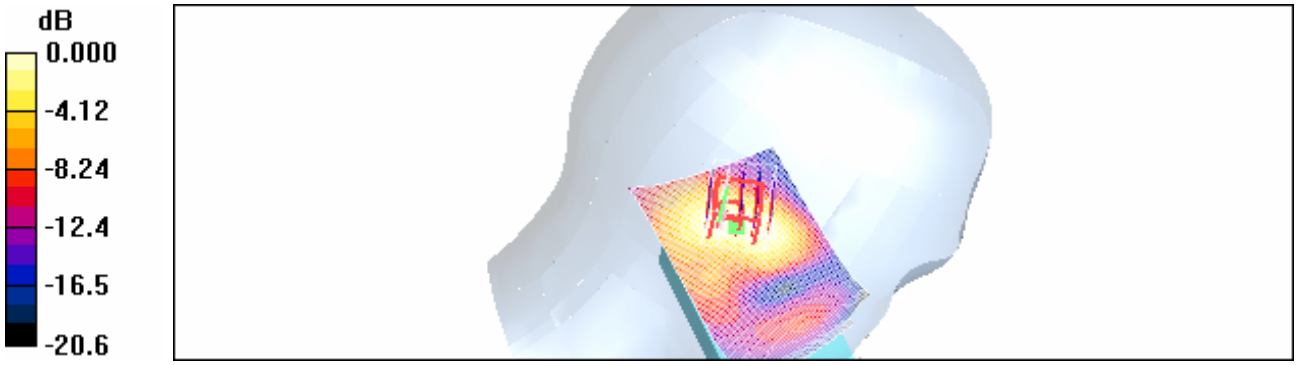
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.07, 7.07, 7.07); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.303 mW/g

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.108 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287mW/g

Date/Time: 23/07/2007 6:45:28 PM

Test Laboratory: RTS
File Name: RightHandSide_802.11b_mid_chan_amb_temp_24_2_liq_temp_23_2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.92 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Right Section

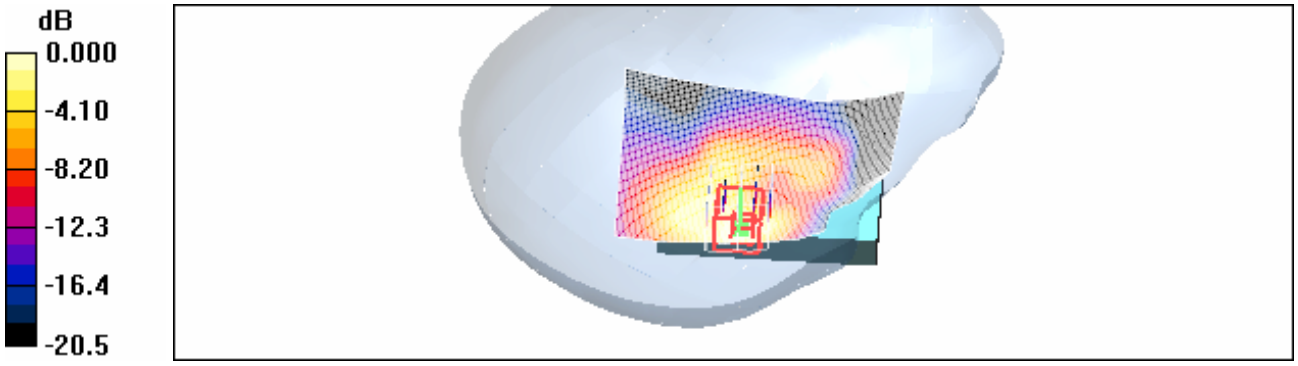
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.07, 7.07, 7.07); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.327 mW/g

Touch position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.53 V/m; Power Drift = -0.308 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.116 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.352mW/g

Date/Time: 23/07/2007 6:14:23 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_802.11b_mid_chan_amb_temp_24_3_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.92 mho/m; ε_r = 37.4; ρ = 1000 kg/m^3
Phantom section: Right Section

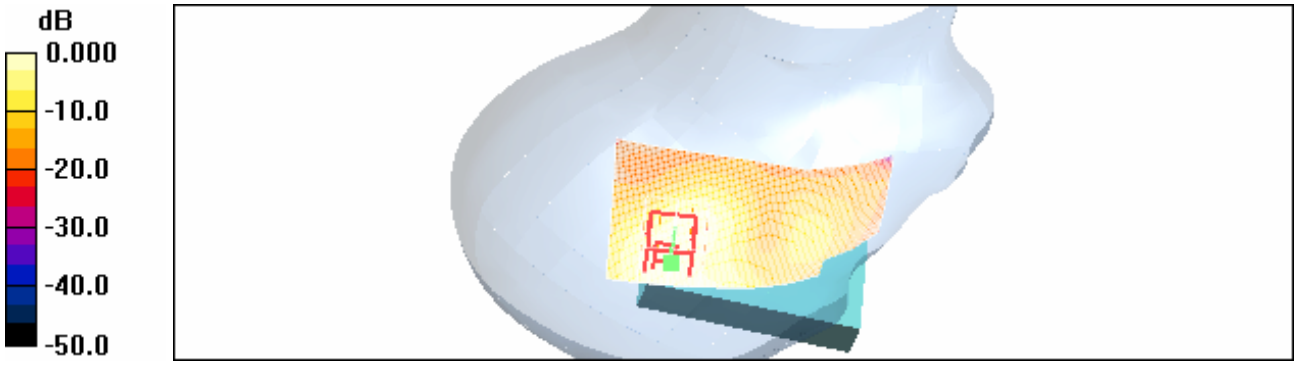
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.07, 7.07, 7.07); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.30 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.095 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.265 mW/g

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

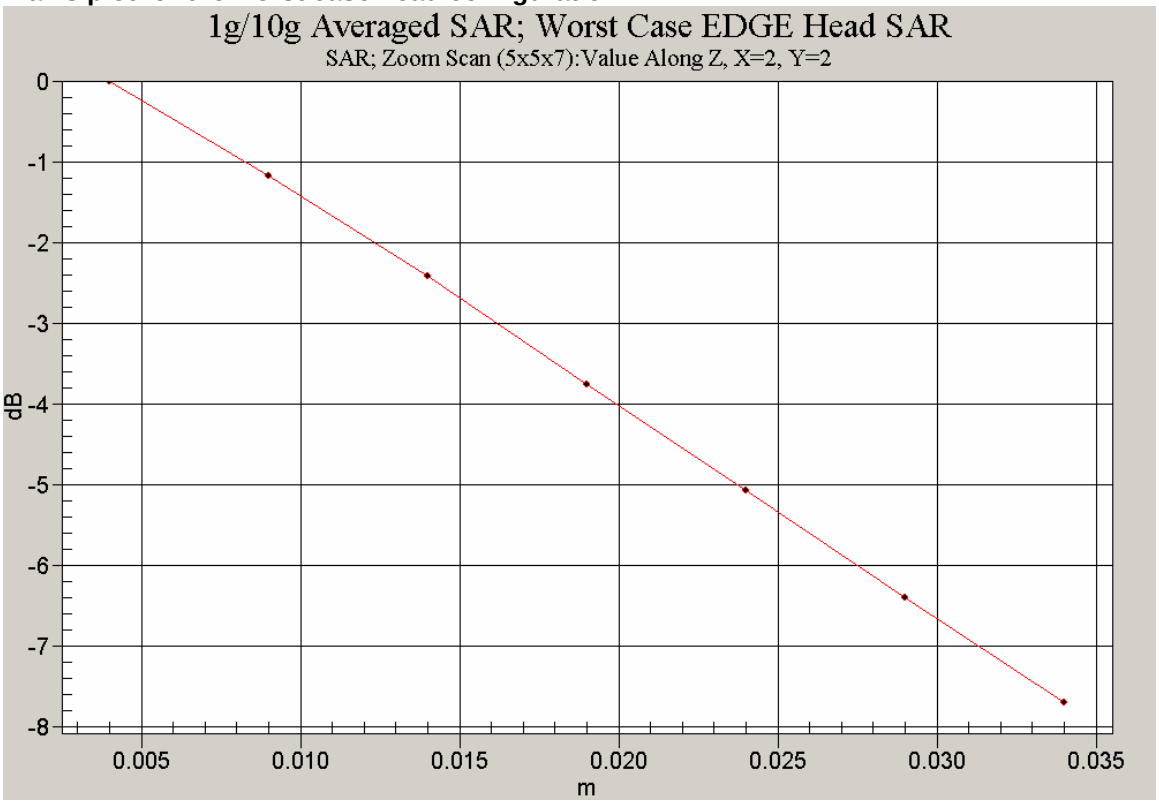
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.265 mW/g

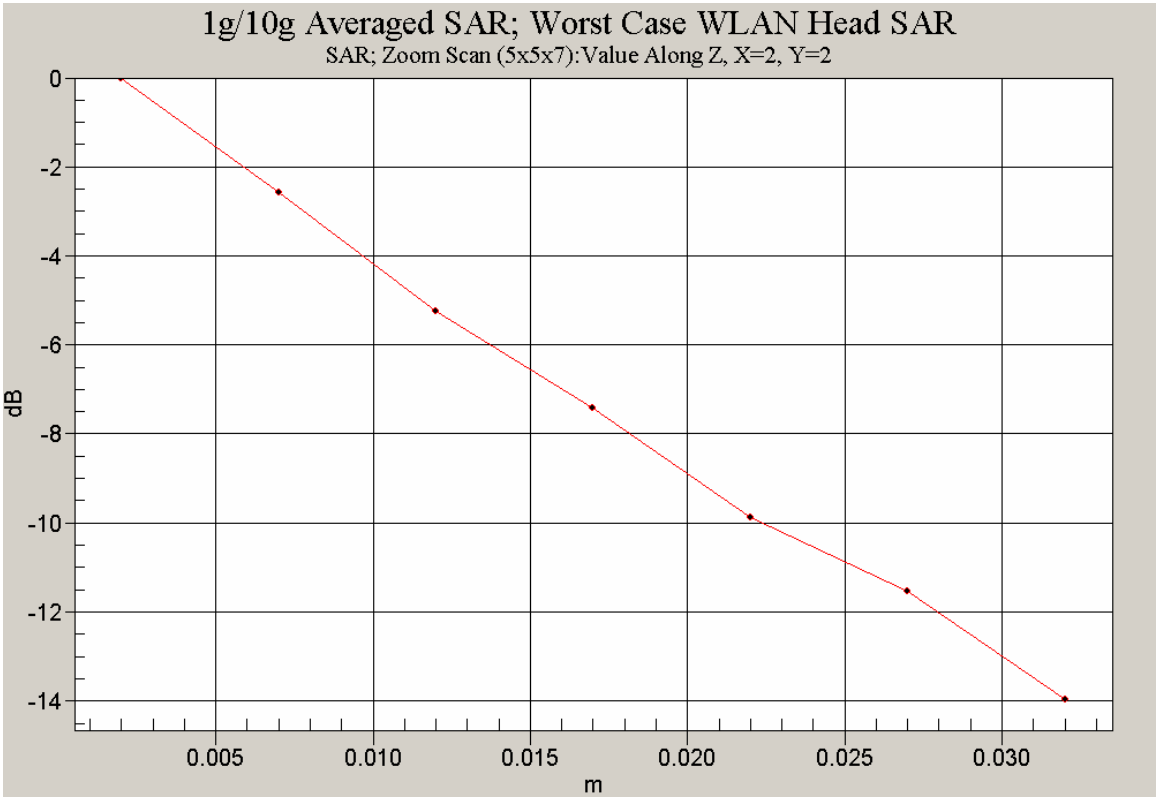


0 dB = 0.265mW/g

Test Laboratory: RTS

Z axis plot for the worst case head configuration:





APPENDIX C: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

Date/Time: 19/07/2007 10:53:05 AM

Test Laboratory: RTS

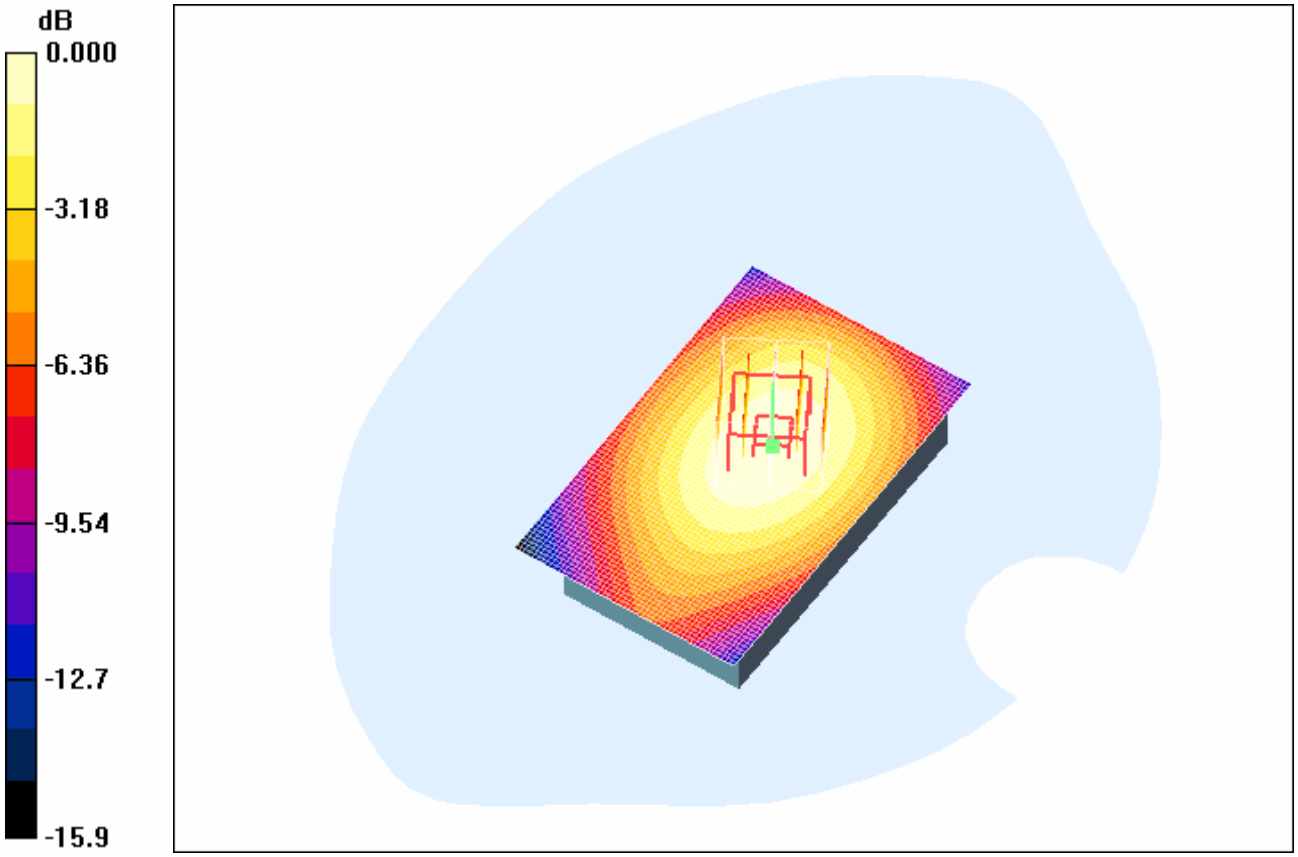
Body_Sports_Case_Strap_Back_GPRS850_Low_Chan_Amb_Tem_23_5_Liq_Tem_22_9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.945 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 32.0 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.621 mW/g
Maximum value of SAR (measured) = 0.915 mW/g

Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.808 mW/g



0 dB = 0.808mW/g

Date/Time: 19/07/2007 9:53:31 AM

Test Laboratory: RTS

Body_Sports_Case_Belt_Back_GPRS850_Mid_Chan_Amb_Tem_24_2_Liq_Tem_23_3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.957 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

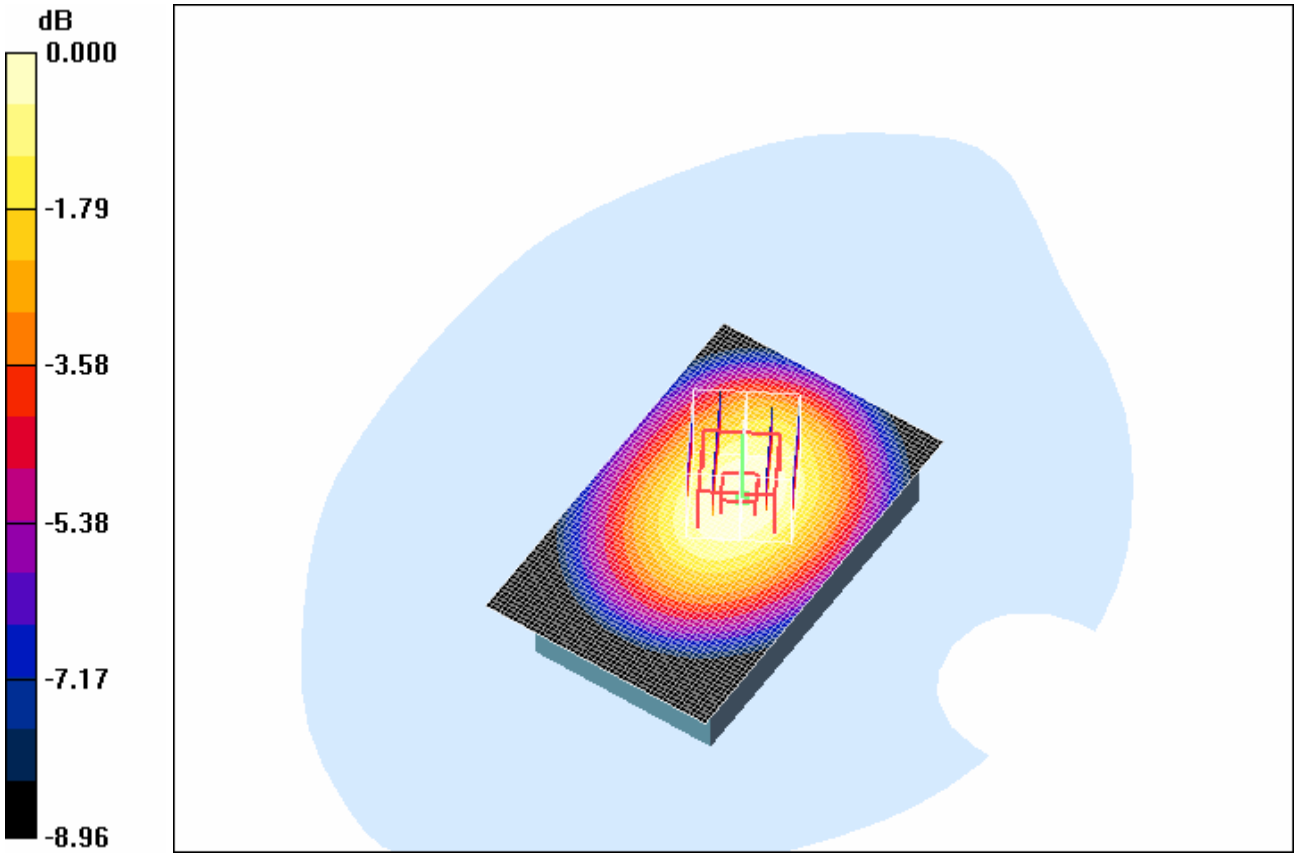
- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.830 mW/g

Mid_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.4 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.569 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.826 mW/g



0 dB = 0.826mW/g

Date/Time: 19/07/2007 10:17:17 AM

Test Laboratory: RTS

Body_Sports_Case_Clip_Back_GPRS850_Mid_Chan_Amb_Tem_23_8_Liq_Tem_23_0C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.957 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

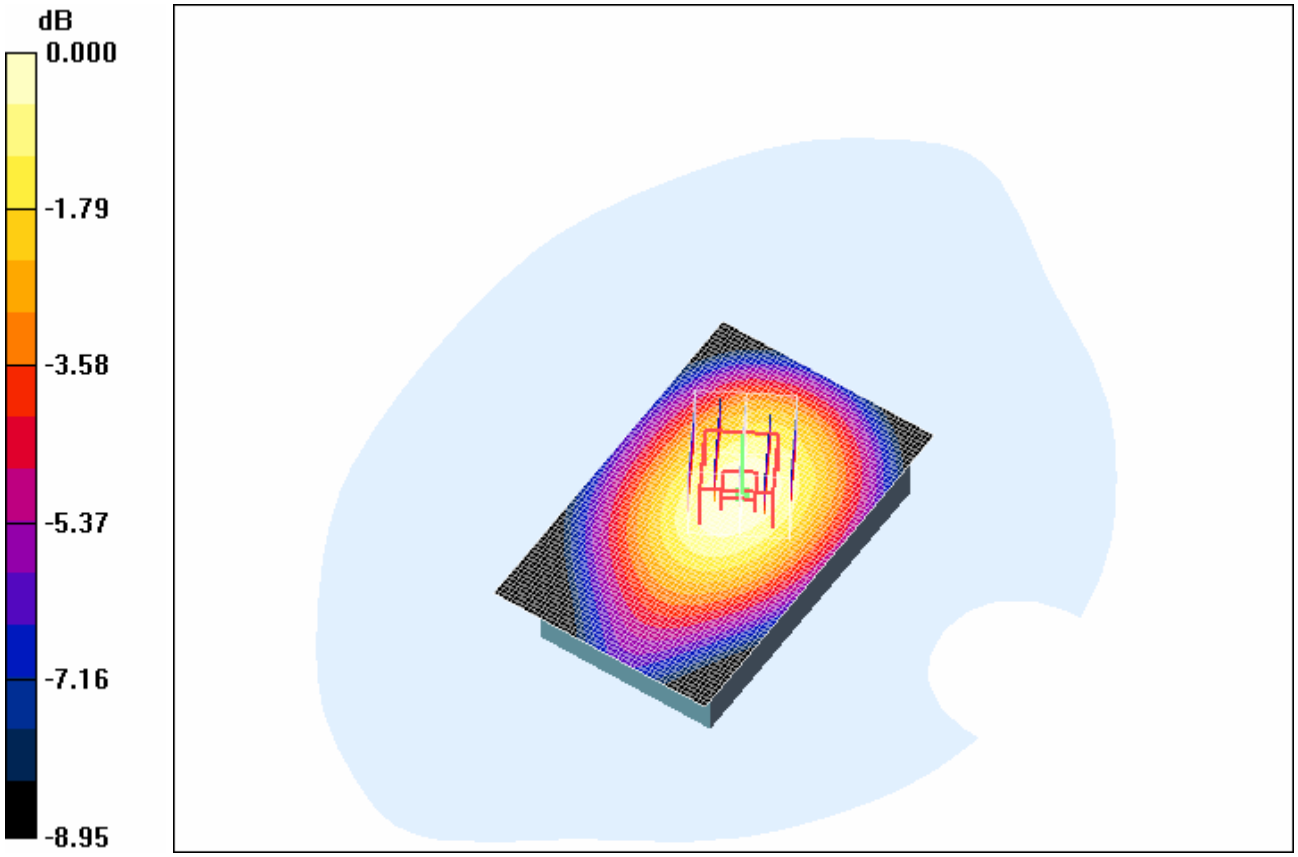
- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.822 mW/g

Mid_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.3 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 0.997 W/kg
SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.567 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.830 mW/g



0 dB = 0.830mW/g

Date/Time: 18/07/2007 11:42:15 PM

Test Laboratory: RTS

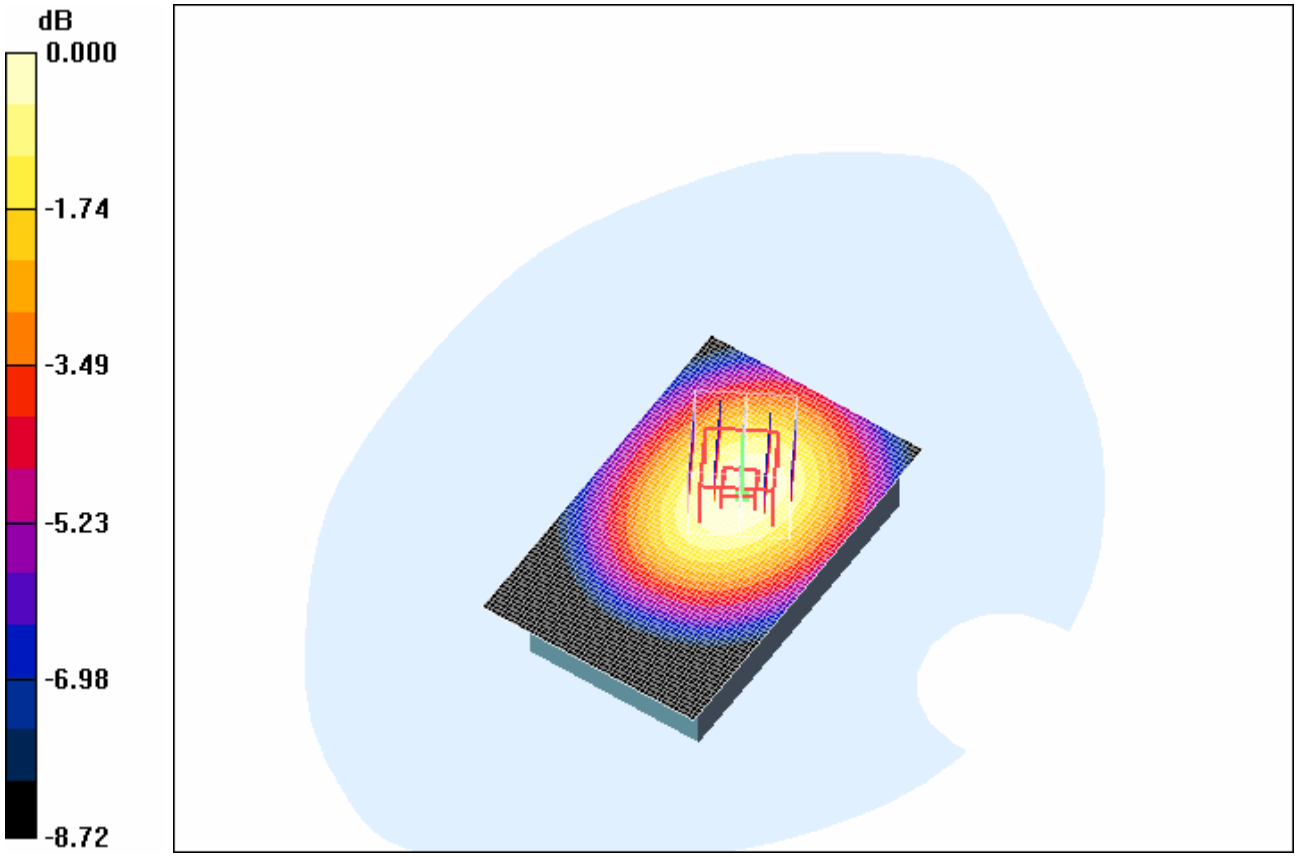
Body_Leather_Swivel_Holster_Back_GPRS850_low_Chan_Amb_Tem_24_2_Liq_Tem_23_2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.945 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.622 mW/g

High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.429 mW/g
Maximum value of SAR (measured) = 0.625 mW/g



0 dB = 0.625mW/g

Date/Time: 18/07/2007 11:19:05 PM

Test Laboratory: RTS

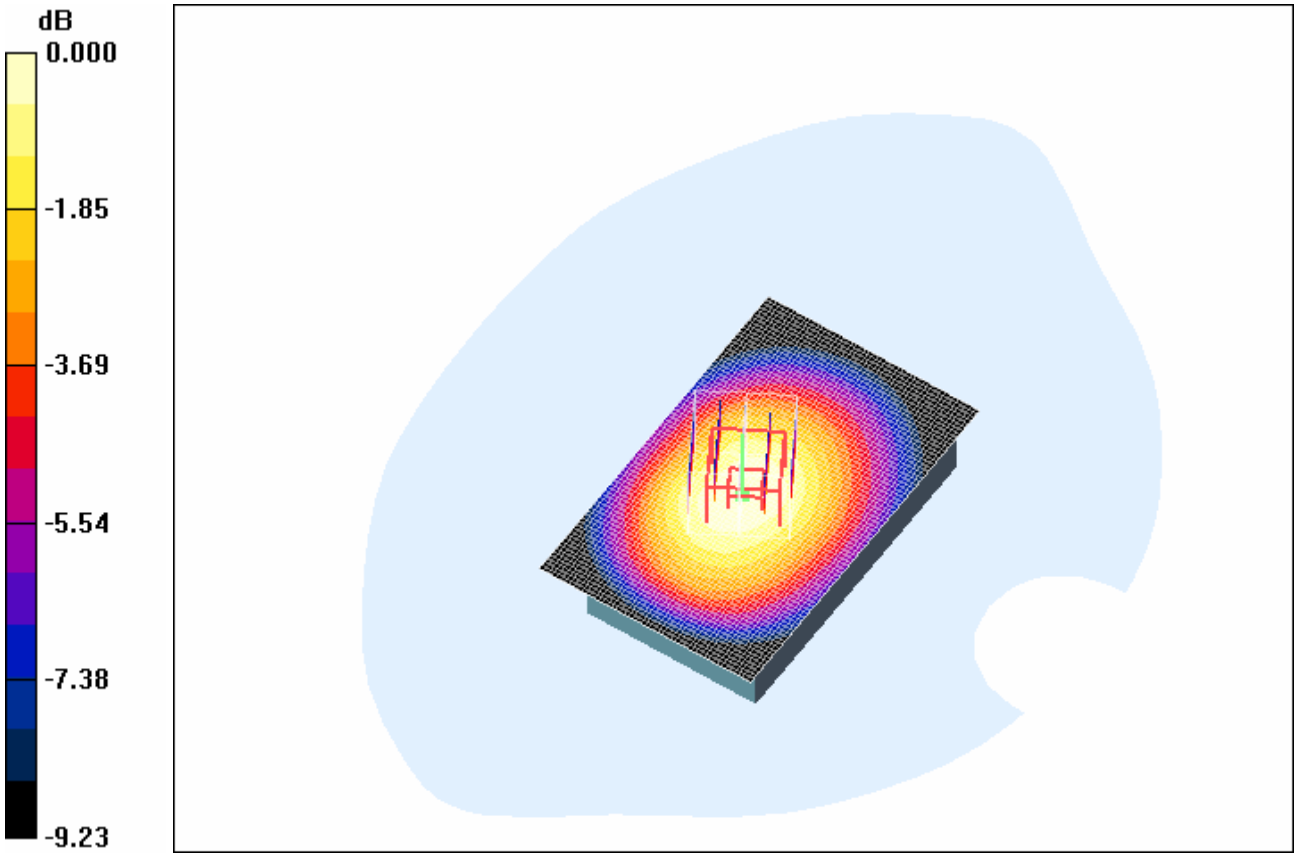
Body_HorizontalHolster_Back_GPRS850_low_Chan_Amb_Tem_24_0_Liq_Tem_22_9C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.945 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.819 mW/g

High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.565 mW/g
Maximum value of SAR (measured) = 0.823 mW/g



0 dB = 0.823mW/g

Date/Time: 19/07/2007 11:35:36 AM

Test Laboratory: RTS

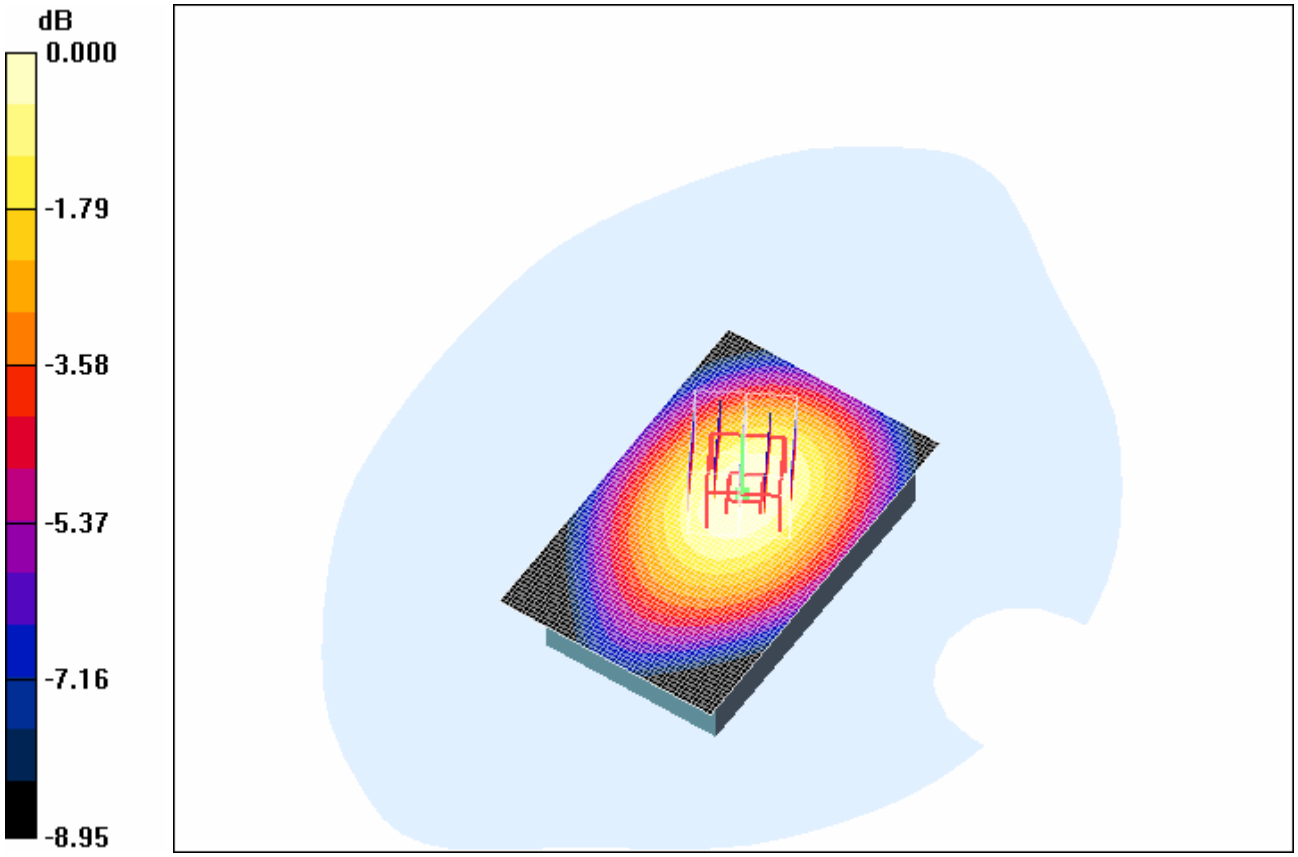
Body_Sports_Case_Strap_Front_GPRS850_Low_Chan_Amb_Tem_23_8_Liq_Tem_23_0C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.945 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.767 mW/g

Low_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.535 mW/g
Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.769mW/g

Date/Time: 19/07/2007 1:34:58 PM

Test Laboratory: RTS

Body_Sports_Case_Strap_Back_GPRS850_BT_Low_Chan_Amb_Tem_23_9_Liq_Tem_23_2C

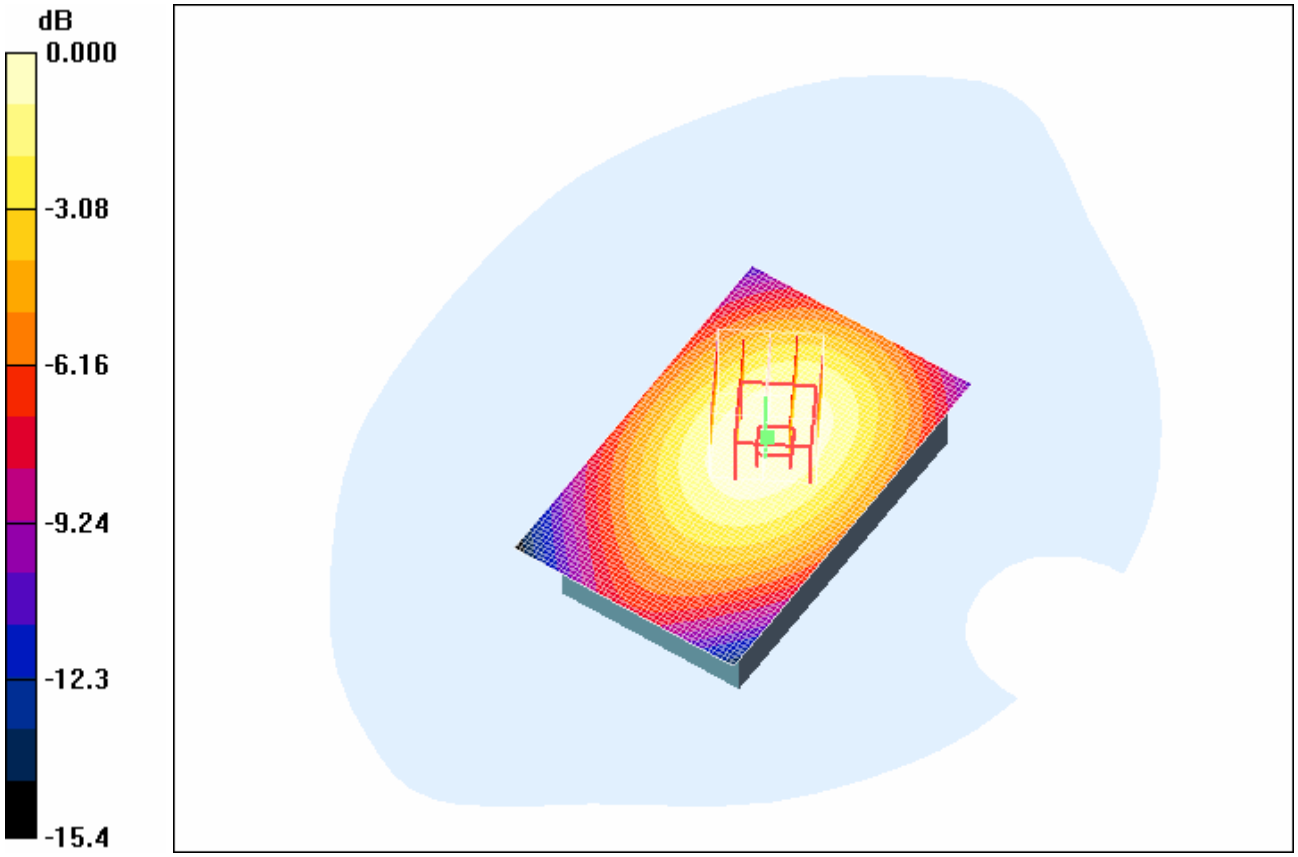
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.945 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.0 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 0.854 mW/g

Low_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.767 mW/g



0 dB = 0.767mW/g

Date/Time: 19/07/2007 1:45:01 PM

Test Laboratory: RTS

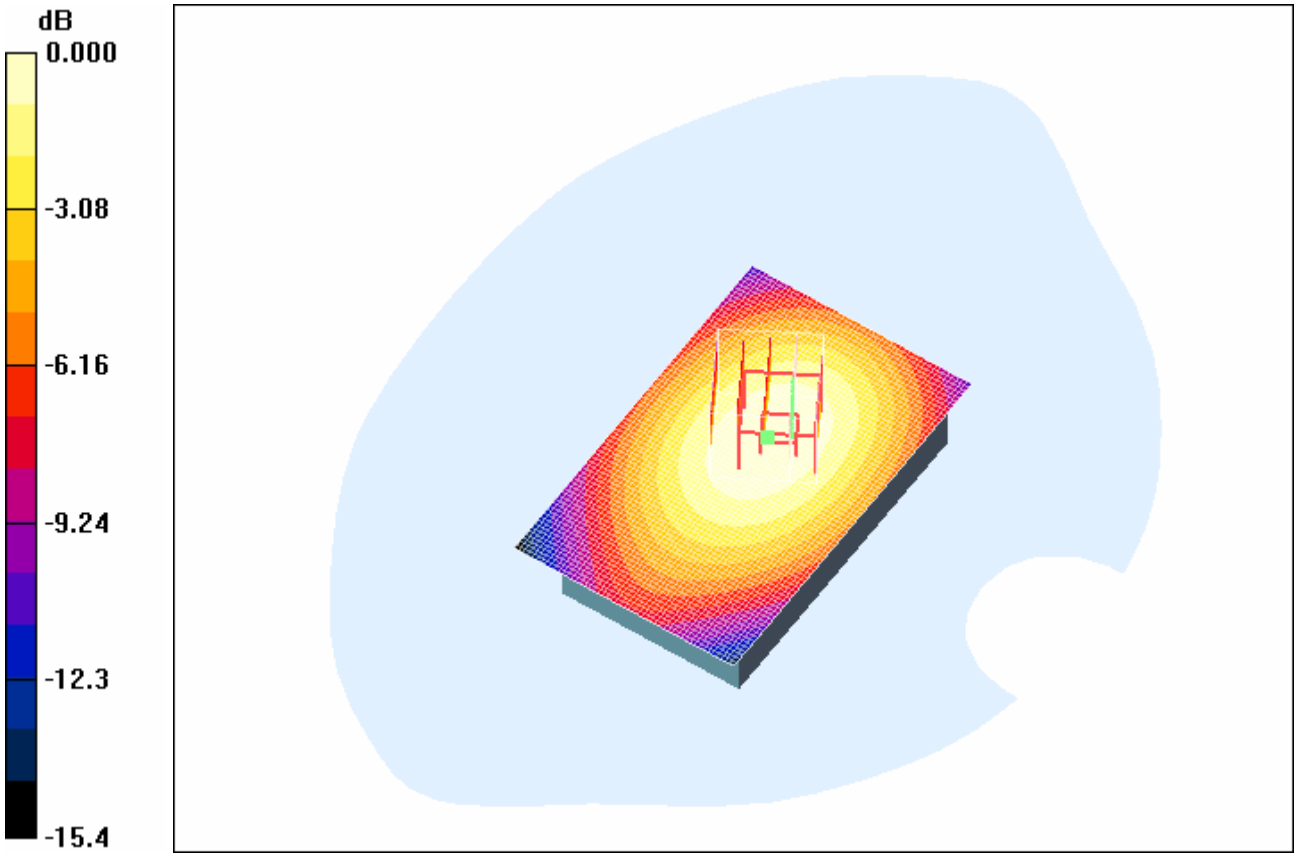
Body_Sports_Case_Strap_Back_GPRS850_Headset_Low_Chan_Amb_Tem_24_0_Liq_Tem_23_3C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.945 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.2 V/m; Power Drift = 0.033 dB
Peak SAR (extrapolated) = 0.812 W/kg
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.672 mW/g

Low_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.767 mW/g



0 dB = 0.767mW/g

Date/Time: 19/07/2007 1:58:11 PM

Test Laboratory: RTS

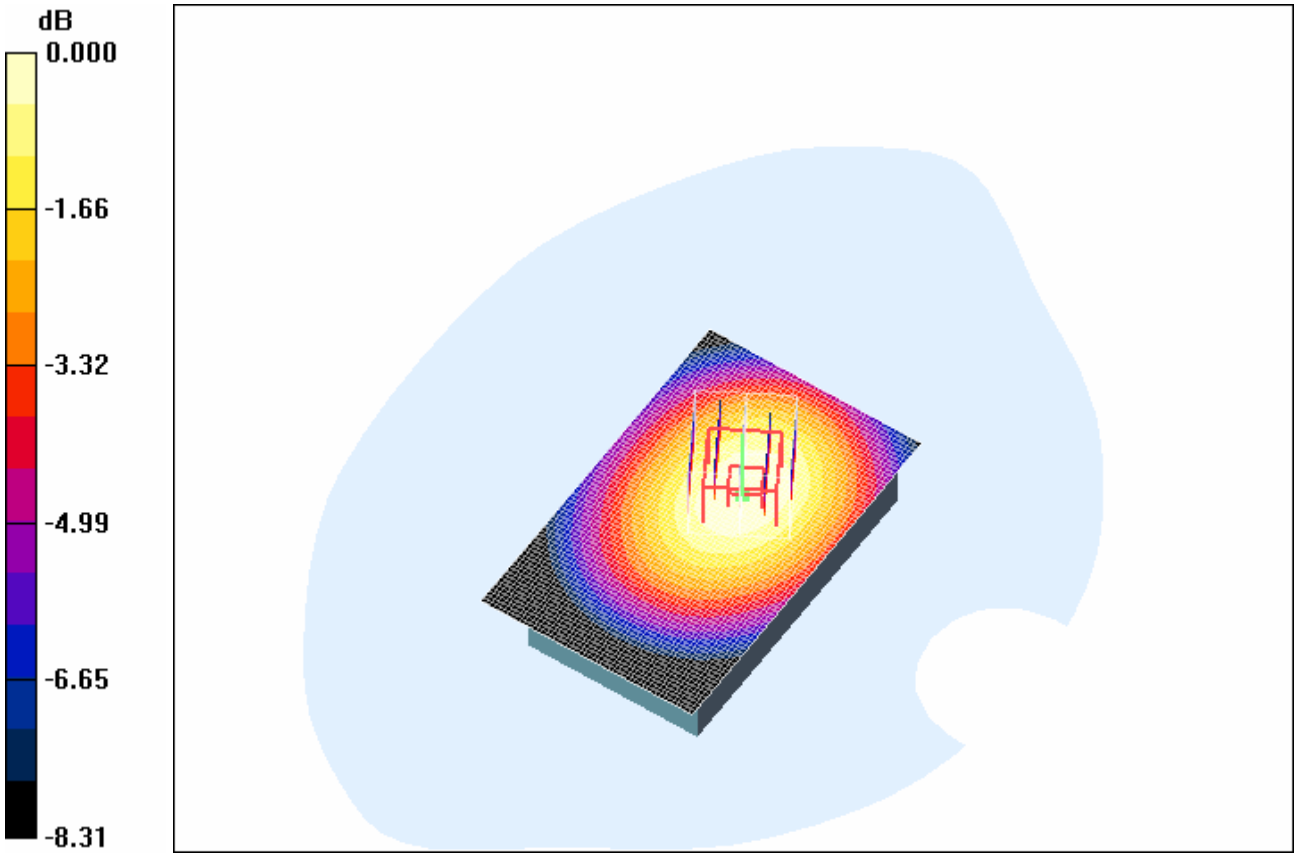
Body_25mm_Back_GPRS850_Low_Chan_Amb_Tem_23_6_Liq_Tem_23_2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.945 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:

- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low_/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.474 mW/g

Low_/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 0.561 W/kg
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

Date/Time: 27/07/2007 12:54:44 AM

Test Laboratory: RTS
File Name:
Body_Sports_Case_Strap_Back_GPRS850_Low_Chan_Amb_Tem_24_4_Liq_Tem_23_3C.da4

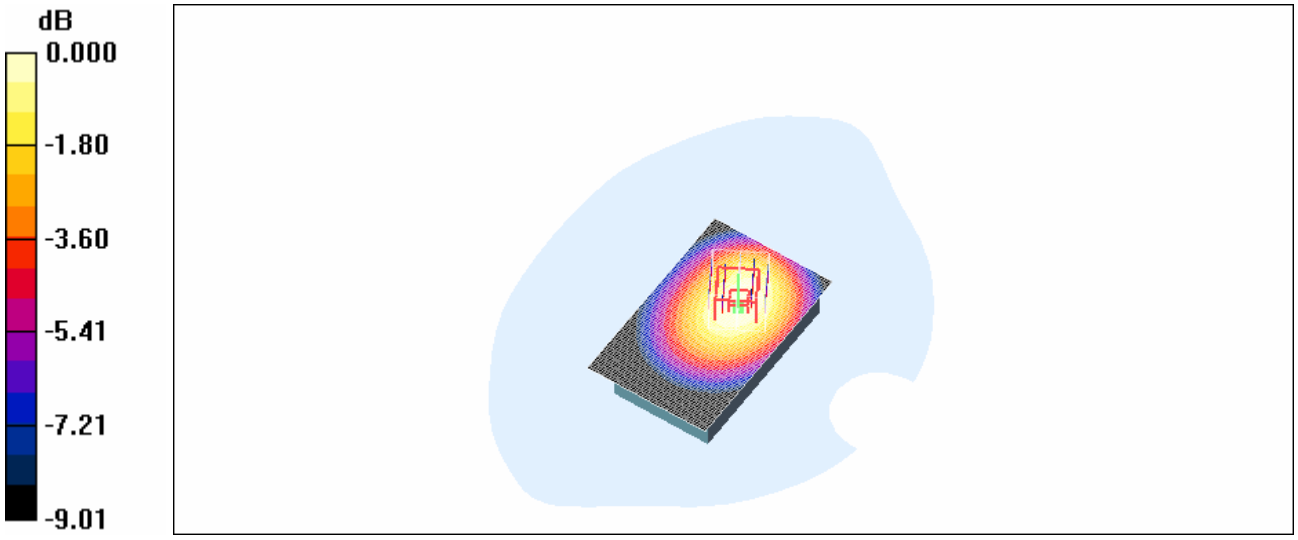
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 850; Frequency: 824.2 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 825 MHz; σ = 0.952 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.16, 6.16, 6.16); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.933 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.3 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.635 mW/g
Maximum value of SAR (measured) = 0.919 mW/g



0 dB = 0.919mW/g

Date/Time: 06/07/2007 9:27:22 AM

Test Laboratory: RTS
File Name: Body_leather_swivel_holster_back_GPRS1900_Mid_Chan_Amb_Tem_24_0_Liq_Tem_23_4C.da4

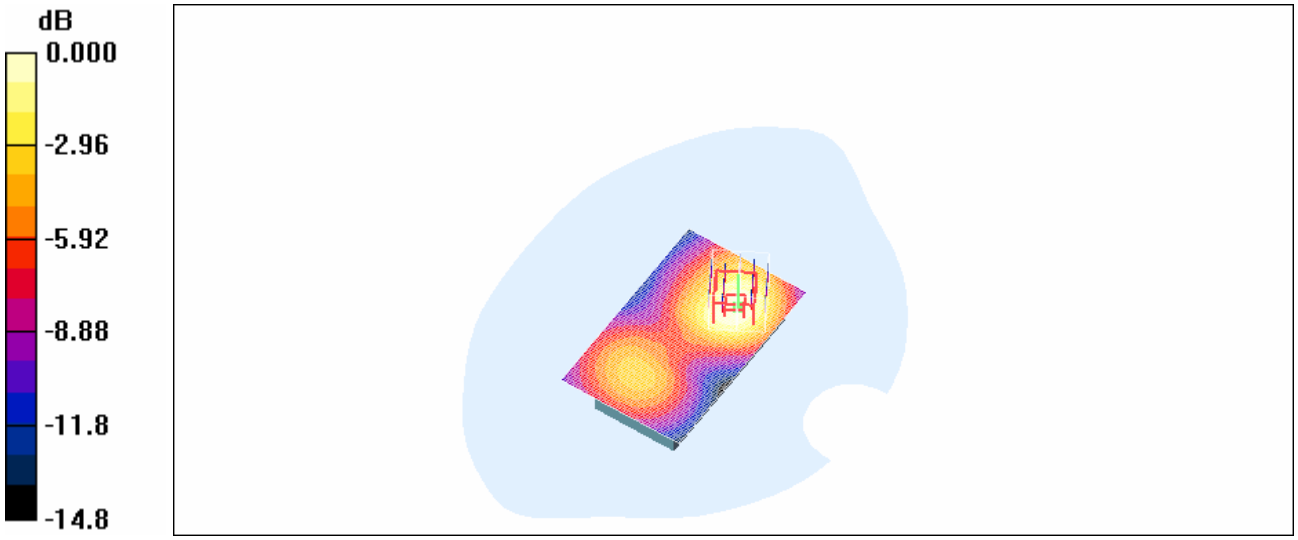
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.452 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.250 mW/g
Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.454mW/g

Date/Time: 06/07/2007 9:51:48 AM

Test Laboratory: RTS
File Name: Body_horizontal_holster_back_GPRS1900_Mid_Chan_Amb_Tem_24_3_Liq_Tem_23_5C.da4

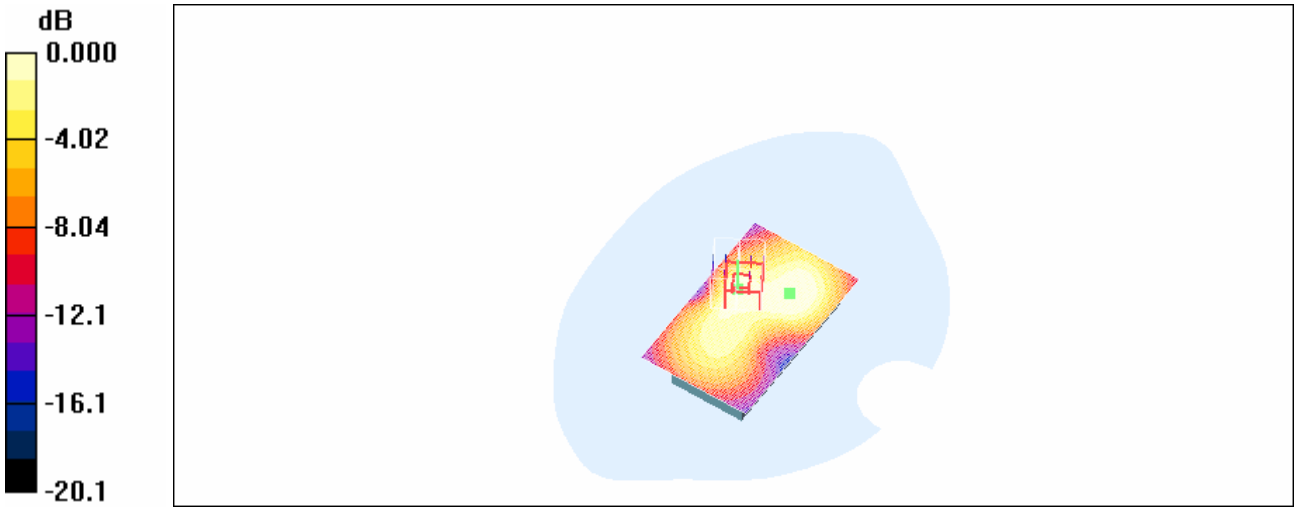
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.826 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.604 mW/g



0 dB = 0.604mW/g

Date/Time: 06/07/2007 10:36:02 AM

Test Laboratory: RTS
File Name: Body_sports_case_belt_back_GPRS1900_Mid_Chan_Amb_Tem_24_2_Liq_Tem_23_3C.da4

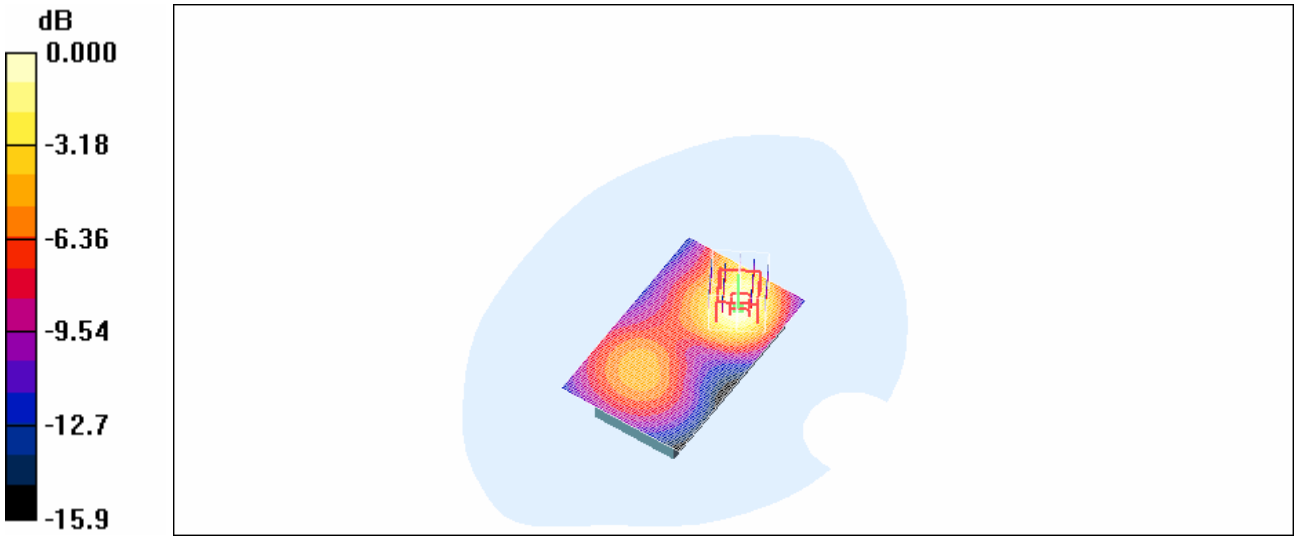
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.738 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.94 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.753mW/g

Date/Time: 06/07/2007 10:21:41 AM

Test Laboratory: RTS
File Name: Body_SportsCase_strap_back_GPRS1900_Mid_Chan_Amb_Tem_24_3_Liq_Tem_23_4C.da4

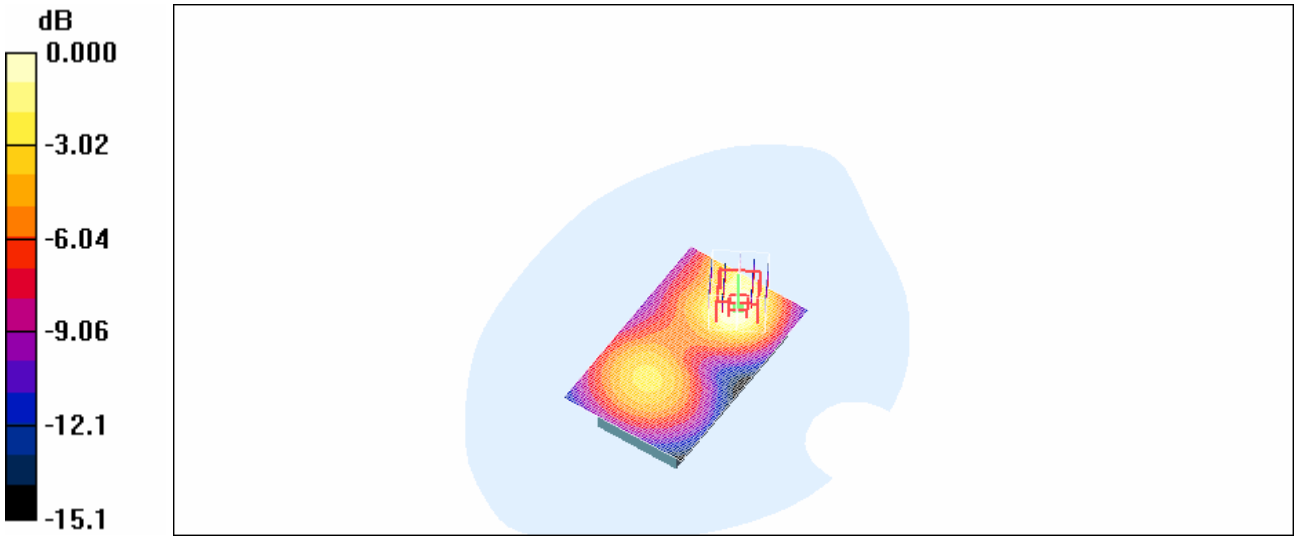
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.556 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.24 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 0.813 W/kg
SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 0.553 mW/g



0 dB = 0.553mW/g

Date/Time: 06/07/2007 10:54:18 AM

Test Laboratory: RTS
File Name: Body_SportsCase_clip_back_GPRS1900_Mid_Chan_Amb_Tem_24_5_Liq_Tem_23_5C.da4

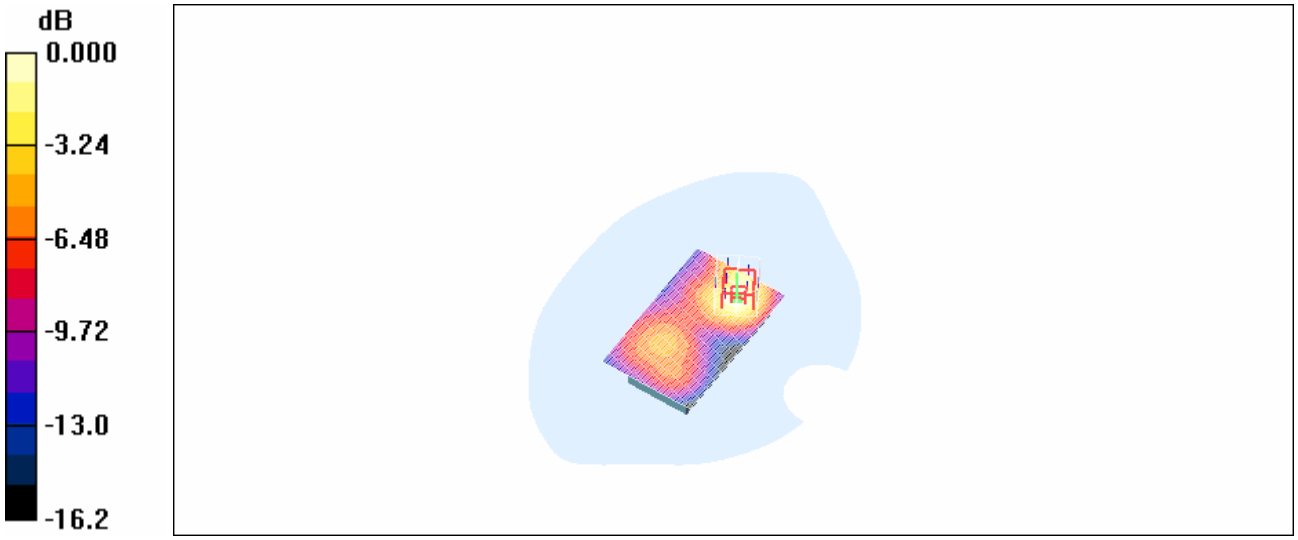
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.759 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.26 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.786 mW/g



0 dB = 0.786mW/g

Date/Time: 06/07/2007 11:09:42 AM

Test Laboratory: RTS
File Name:
Body_SportsCase_clip_front_GPRS1900_Mid_Chan_Amb_Tem_24_4_Liq_Tem_23_3C.da4

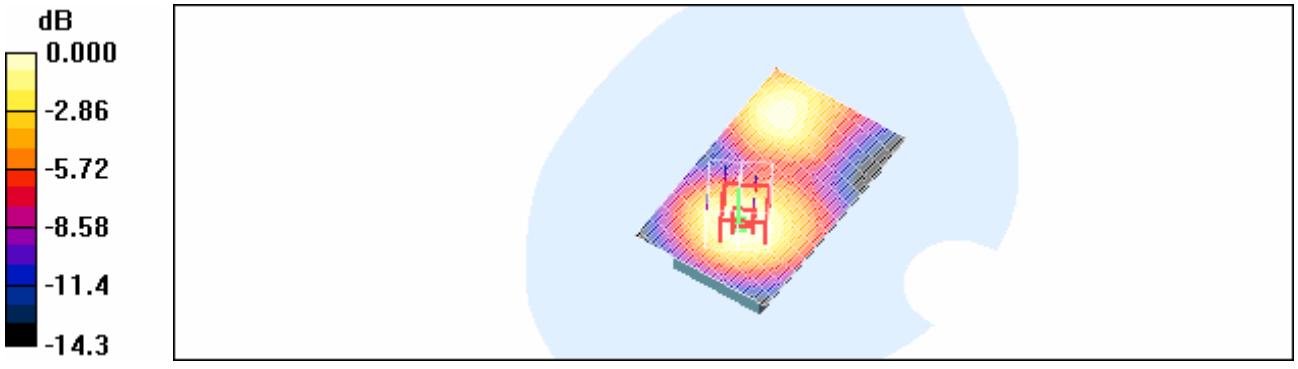
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.307 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.83 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.290mW/g

Date/Time: 06/07/2007 11:30:47 AM

Test Laboratory: RTS
File Name:
Body_SportsCase_clip_headset_back_GPRS1900_Mid_Chan_Amb_Tem_24_5_Liq_Tem_23_4C.da4

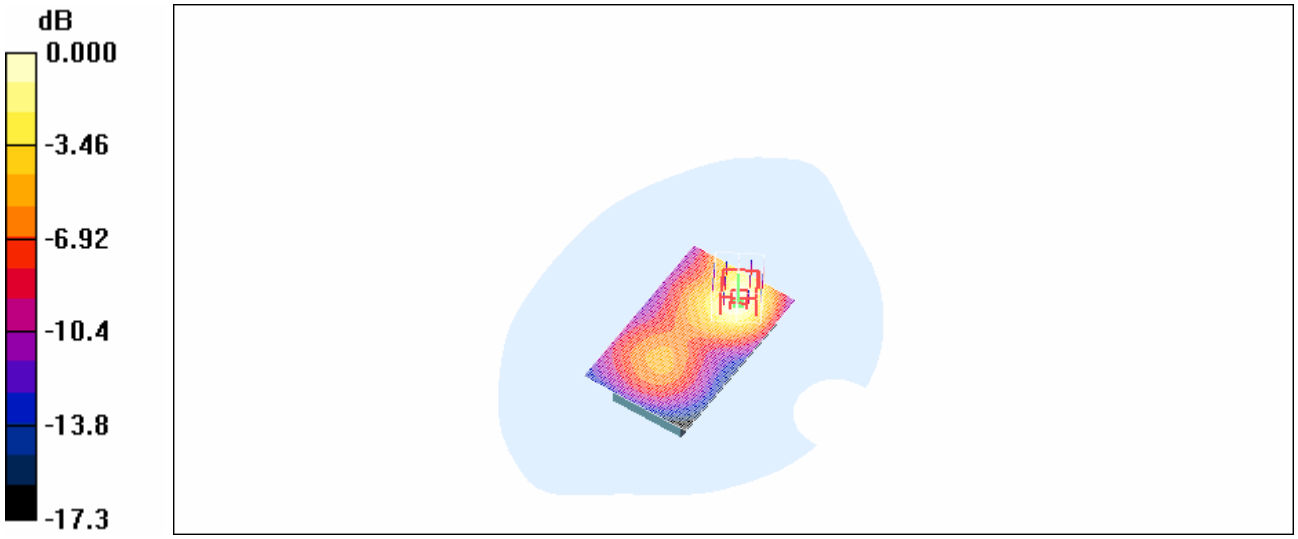
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.714 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.732 mW/g



0 dB = 0.732mW/g

Date/Time: 06/07/2007 11:55:33 AM

Test Laboratory: RTS
File Name:
Body_SportsCase_clip_BT_on_back_GPRS1900_Mid_Chan_Amb_Tem_24_6_Liq_Tem_23_5C.da4

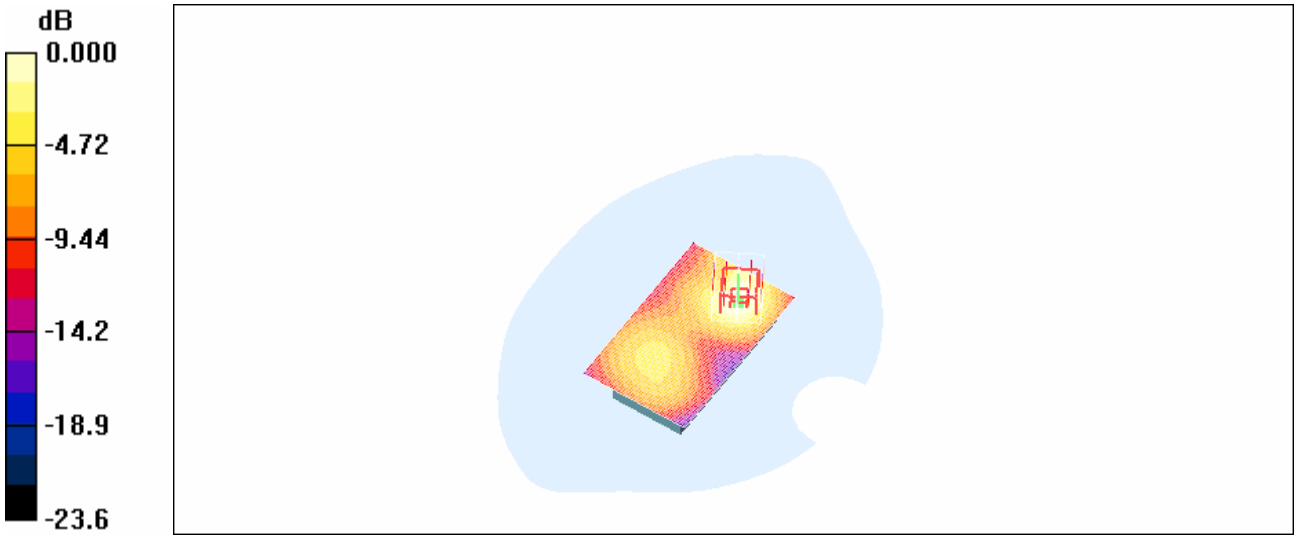
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.734 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.96 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.753mW/g

Date/Time: 06/07/2007 12:15:42 PM

Test Laboratory: RTS
File Name: Body_25mm_back_GPRS1900_Mid_Chan_Amb_Tem_24_4_Liq_Tem_23_2C.da4

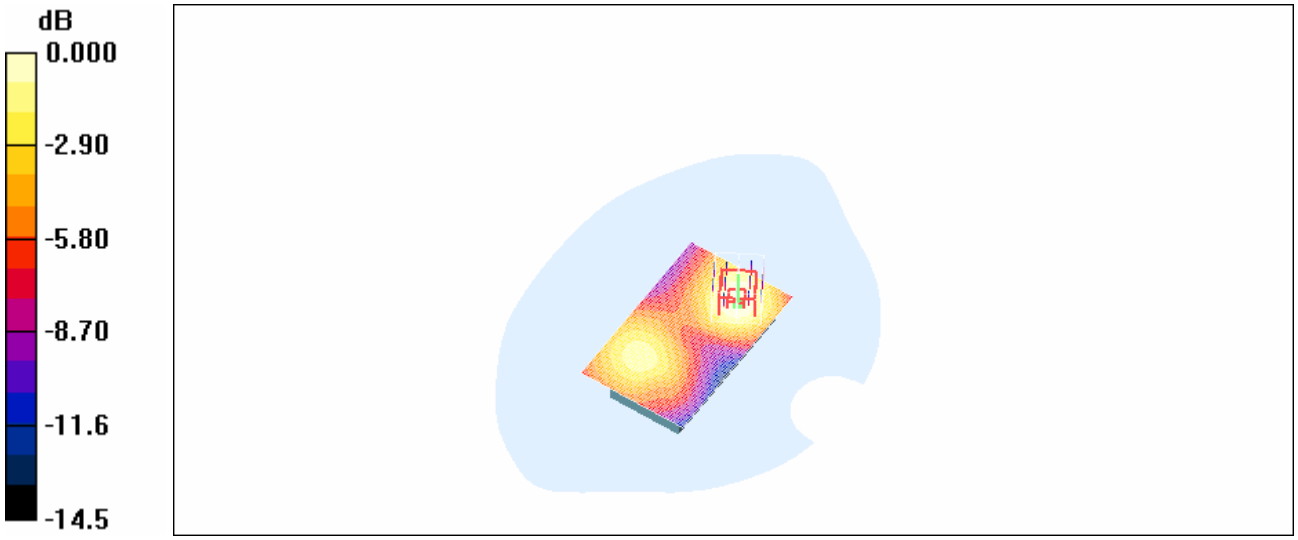
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610A89 (rev 2)
Program Name: Compliance Testing: P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.224 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.13 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.218mW/g

Date/Time: 27/07/2007 9:10:34 PM

Test Laboratory: RTS
File Name:
Body_SportsCase_clip_Back_GPRS1900_mid_Chan_Amb_Tem_23_9_Liq_Tem_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AED (rev 3)
Program Name: Compliance Testing: P1528 Protocol

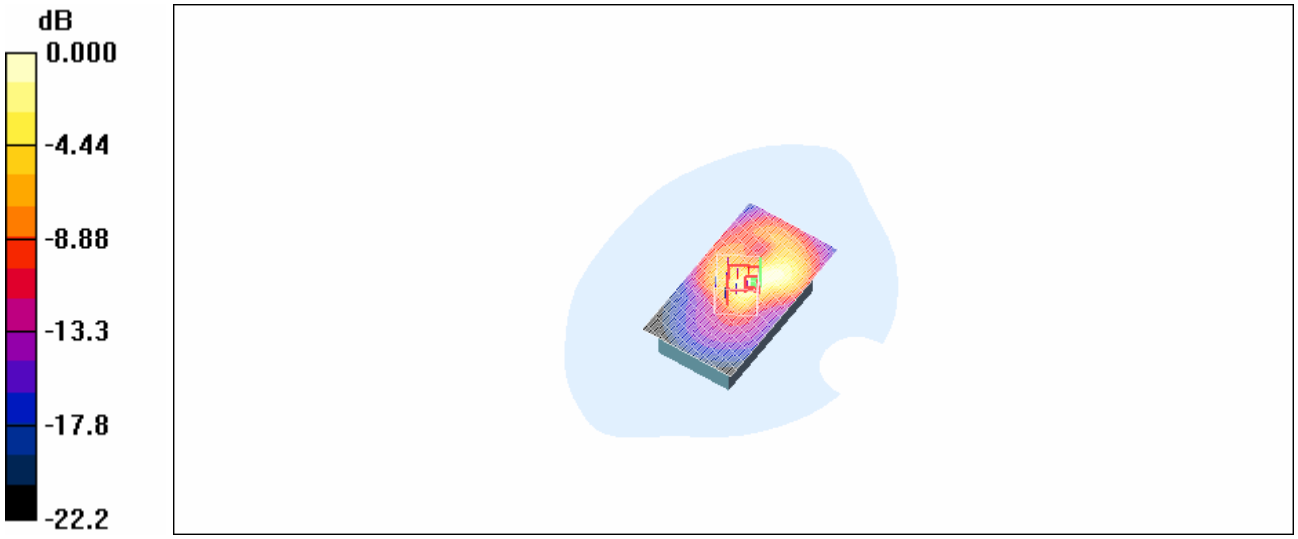
Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 51.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 1.55 mW/g



0 dB = 1.55mW/g

Date/Time: 23/07/2007 7:15:16 PM

Test Laboratory: RTS
File Name:
Leather_Swivel_Holster_Back_802.11b_mid_Chan_Amb_Tem_23_9_Liq_Tem_22_7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

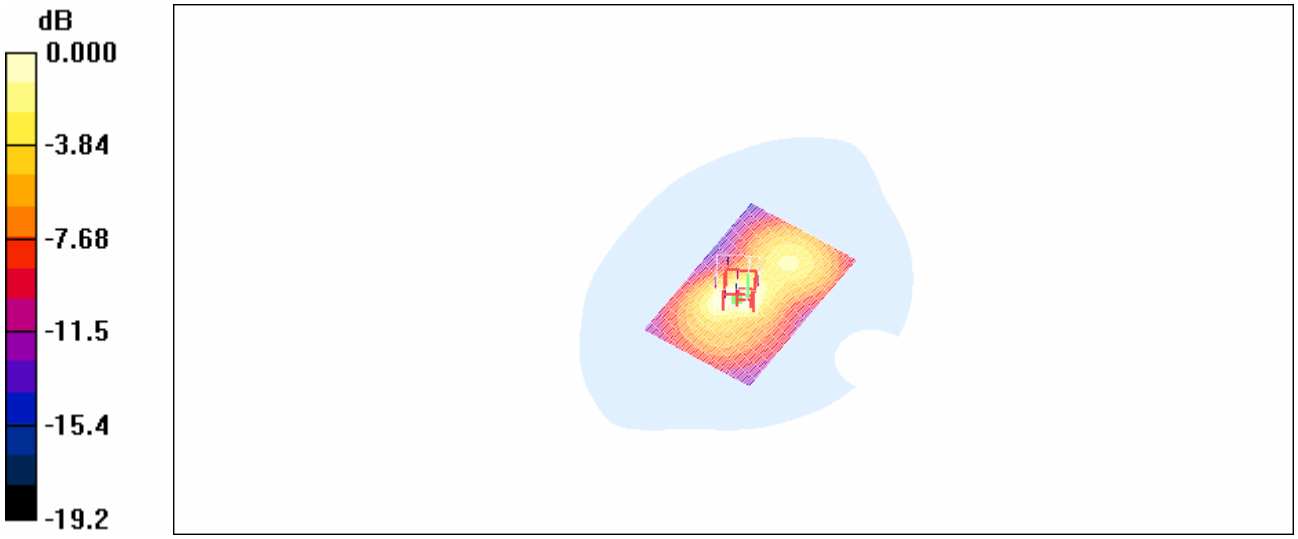
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.382 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.133 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

Date/Time: 23/07/2007 8:53:02 PM

Test Laboratory: RTS
File Name: SportsCase_strap_Back_802.11b_mid_Chan_Amb_Tem_24_3_Liq_Tem_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

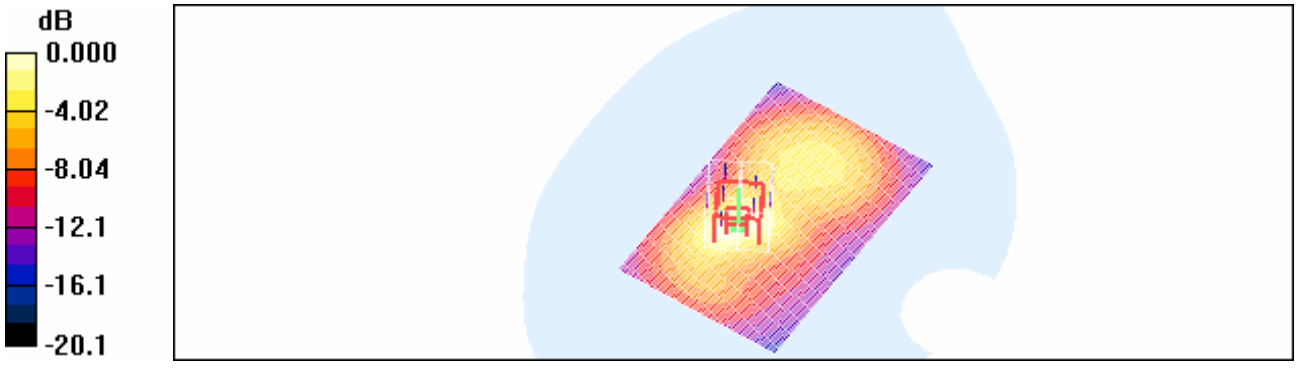
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.470 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.78 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.175 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.480mW/g

Date/Time: 23/07/2007 9:09:35 PM

Test Laboratory: RTS
File Name: SportsCase_belt_Back_802.11b_mid_Chan_Amb_Tem_24_4_Liq_Tem_23_3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

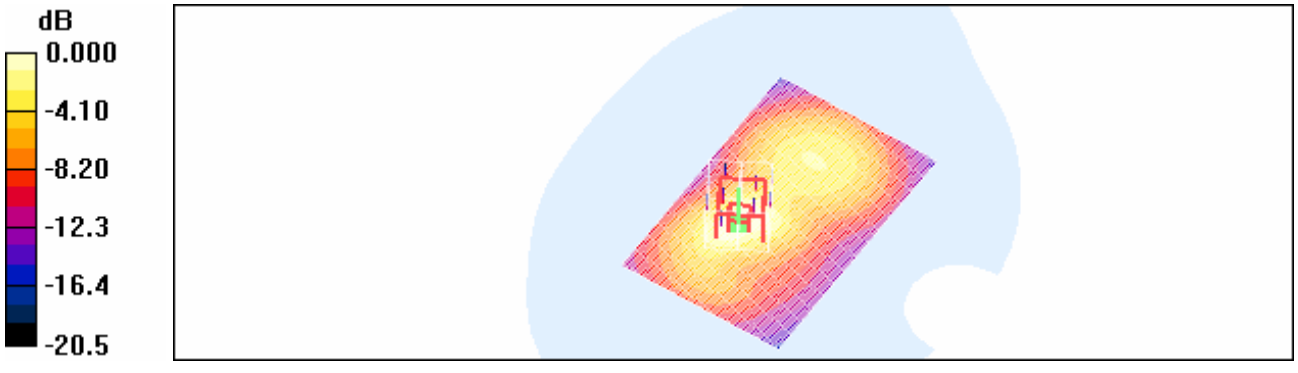
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.446 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.35 V/m; Power Drift = -0.328 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.153 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.420 mW/g



0 dB = 0.420mW/g

Date/Time: 23/07/2007 9:42:31 PM

Test Laboratory: RTS
File Name: SportsCase_clip_Back_802.11b_mid_Chan_Amb_Tem_24_5_Liq_Tem_23_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

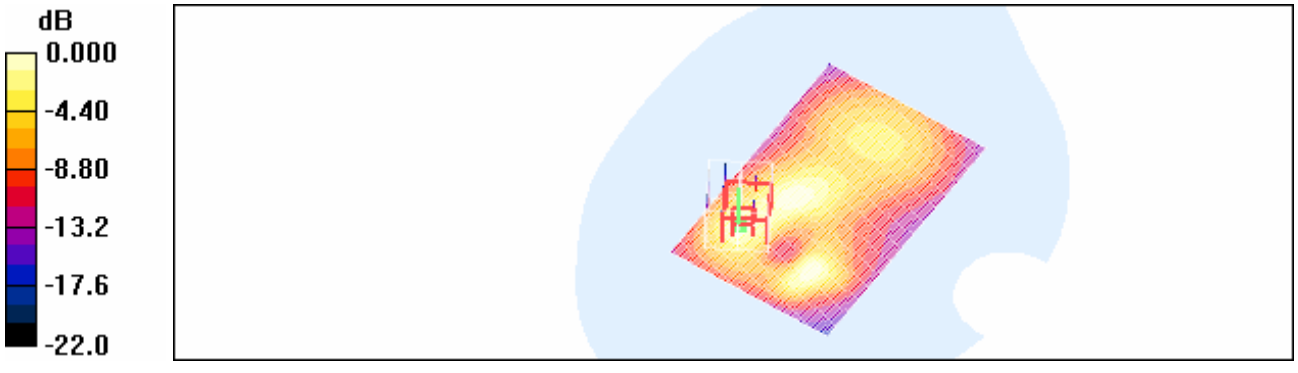
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.439 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.171 dB
Peak SAR (extrapolated) = 0.610 W/kg
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.153 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.467mW/g

Date/Time: 23/07/2007 9:59:34 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_802.11b_mid_Chan_Amb_Tem_24_2_Liq_Tem_23_2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

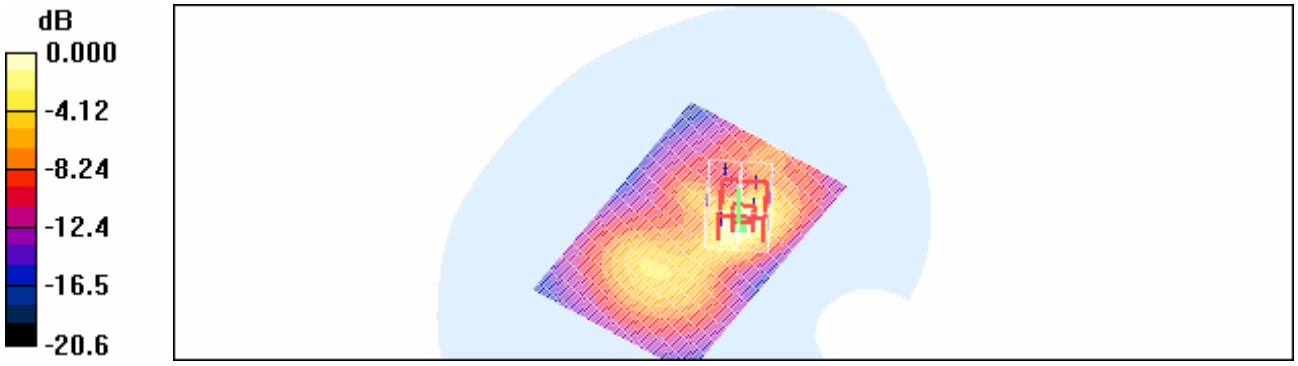
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.575 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.20 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.189 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.586 mW/g



0 dB = 0.586mW/g

Date/Time: 23/07/2007 10:17:36 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_headset_802.11b_mid_Chan_Amb_Tem_24_1_Liq_Tem_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

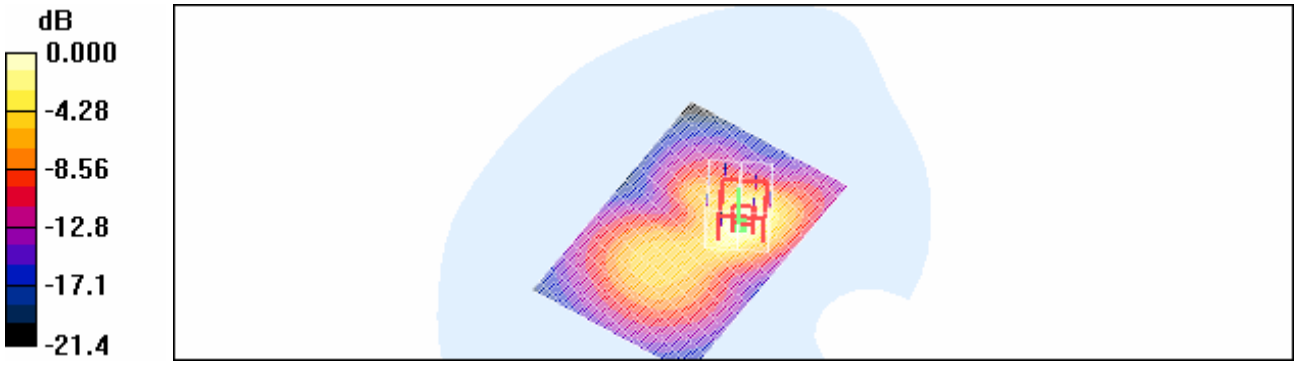
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.602 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.91 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 0.830 W/kg
SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.206 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.632 mW/g



0 dB = 0.632mW/g

Date/Time: 23/07/2007 10:50:53 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Front_headset_802.11b_mid_Chan_Amb_Tem_24_3_Liq_Tem_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

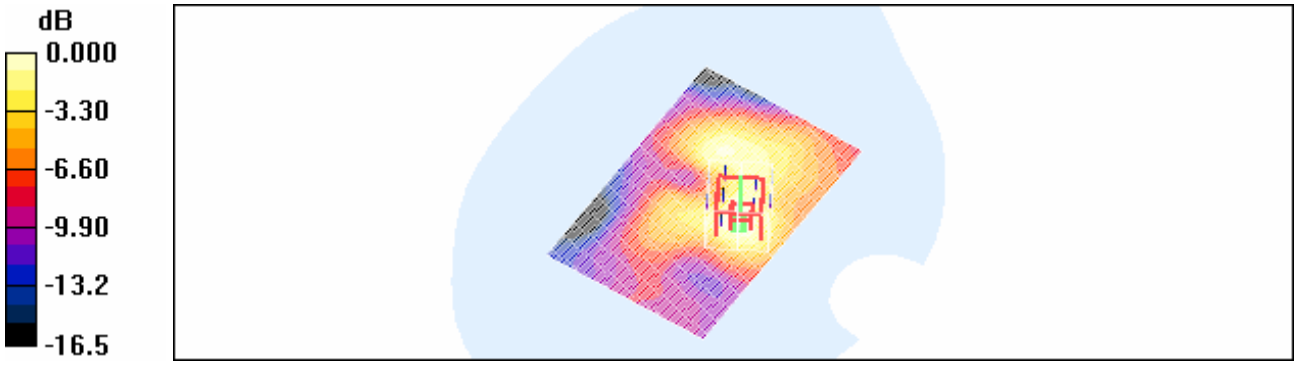
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.047 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.12 V/m; Power Drift = 0.397 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.017 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.050 mW/g



0 dB = 0.050mW/g

Date/Time: 23/07/2007 11:08:54 PM

Test Laboratory: RTS
File Name: 25mm_back_802.11b_mid_Chan_Amb_Tem_24_4_Liq_Tem_23_3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

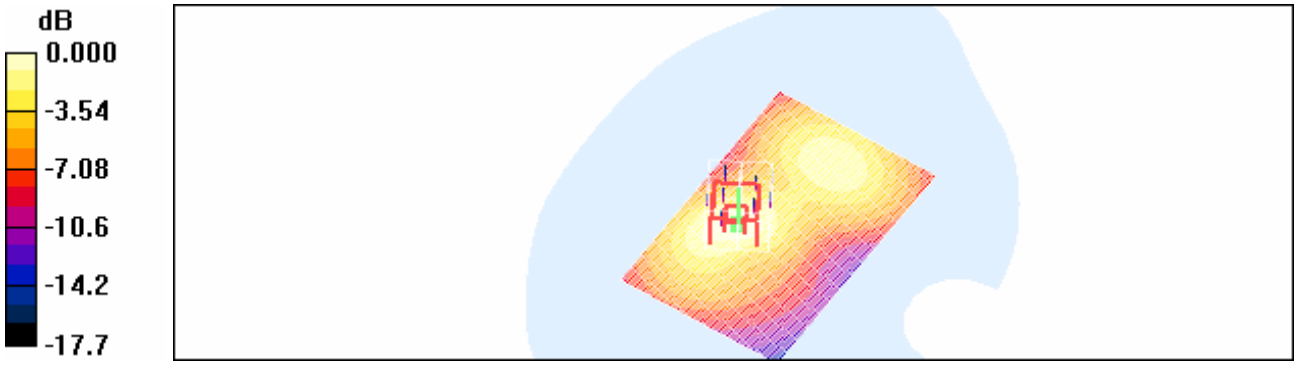
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.196 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.03 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.247 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.080 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

Date/Time: 23/07/2007 11:30:10 PM

Test Laboratory: RTS
File Name: 25mm_front_802.11b_mid_Chan_Amb_Tem_24_4_Liq_Tem_23_6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 20610AF2 (rev 3)
Program Name: Compliance Testing: P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.93 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

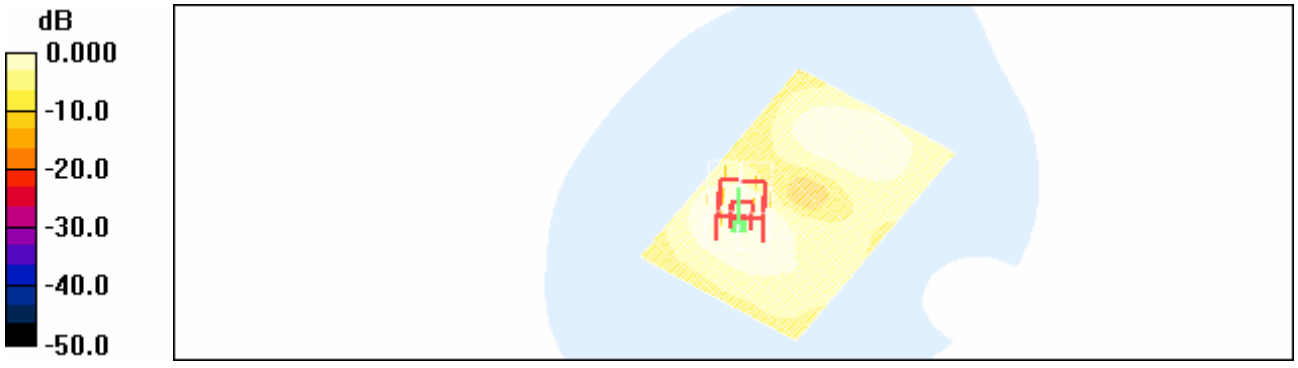
DASY4 Configuration:
- Probe: EX3DV4 - SN3548; ConvF(7.13, 7.13, 7.13); Calibrated: 19/01/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.035 mW/g

Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 1.75 V/m; Power Drift = 1.33 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.033mW/g

Z axis plots for the worst case body worn configuration: