APPENDIX A: SAR DISTRIBUTION COMPARISON FOR ACCURACY VERIFICATION

Date/Time: 16/08/2007 11:32:29 PM

Test Laboratory: RTS
File Name: DipoleValidation_835MHz_Amb_Tem_23_9_Liq_Tem_21_8_C.da4

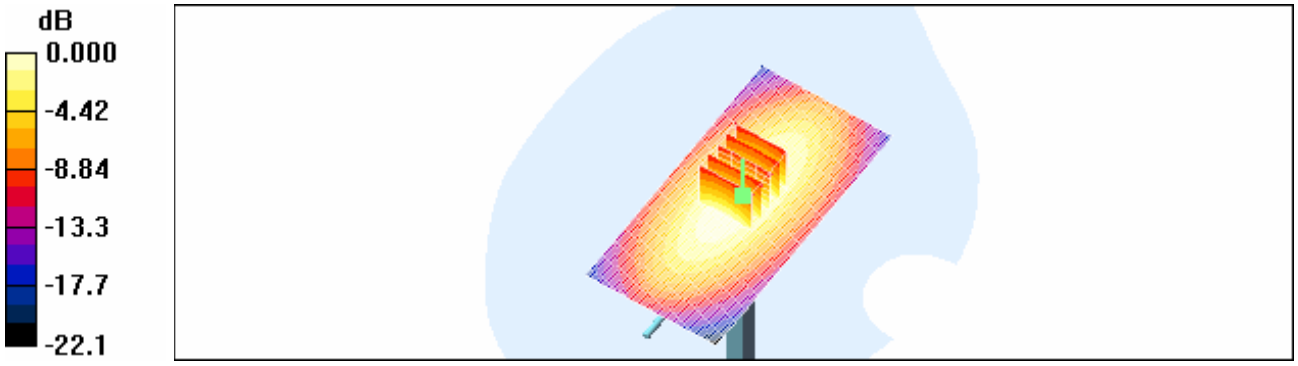
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:446
Program Name: System Performance Check at 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.865 mho/m; ε_r = 42.2; 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 2; Type: SAM 4.0; Serial: 1080
- 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 = 110.4 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 13.3 W/kg
SAR(1 g) = 9.03 mW/g; SAR(10 g) = 5.9 mW/g
Maximum value of SAR (measured) = 9.81 mW/g

d=15mm, Pin=1000mW/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 9.64 mW/g



0 dB = 9.64mW/g

Date/Time: 20/08/2007 2:34:36 PM

Test Laboratory: RTS

DipoleValidation_835MHz_Amb_Tem_24_1_Liq_Tem_22_8_C

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:446

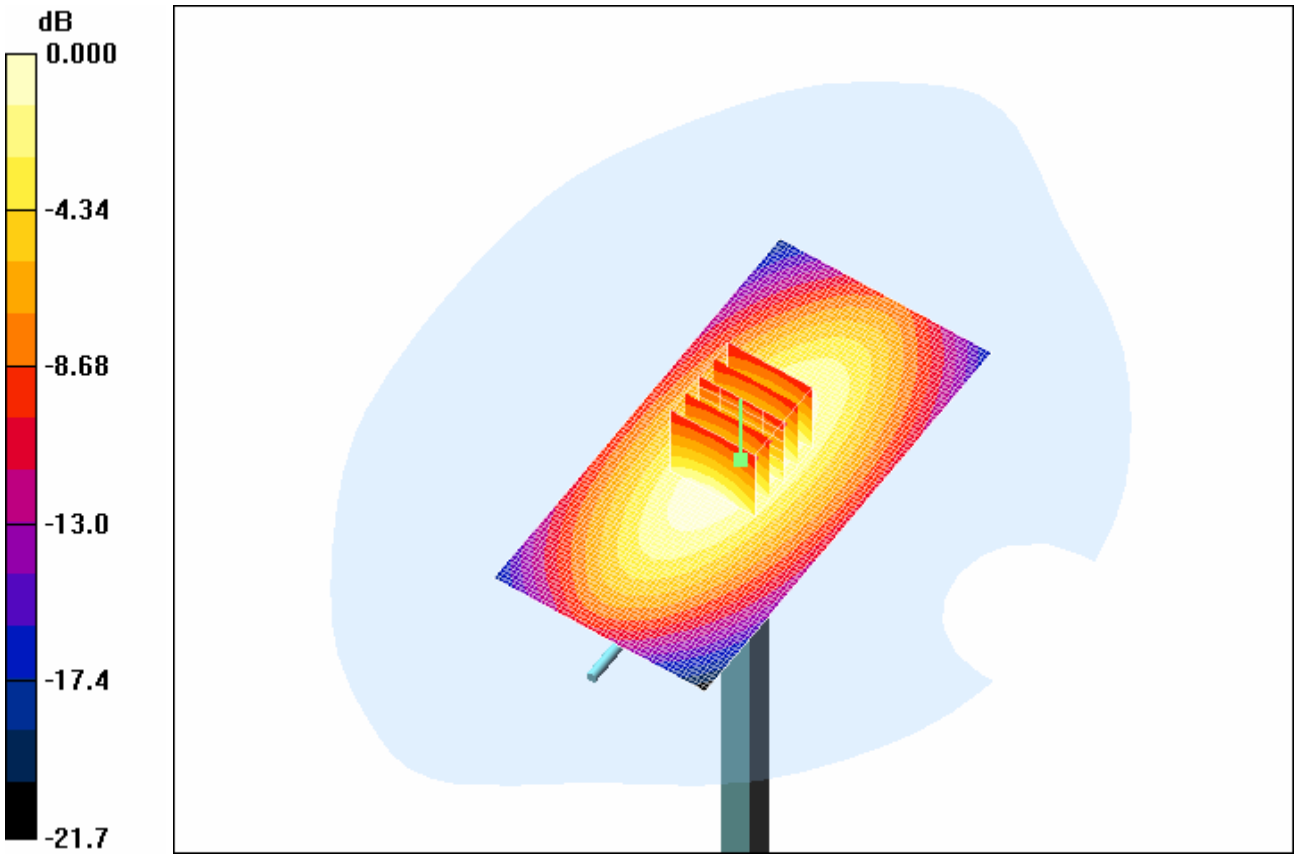
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.882 mho/m; ε_r = 43.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 2; Type: SAM 4.0; Serial: 1080
- 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 = 109.0 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 13.4 W/kg
SAR(1 g) = 9.14 mW/g; SAR(10 g) = 5.99 mW/g
Maximum value of SAR (measured) = 9.92 mW/g

d=15mm, Pin=1000mW/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 9.81 mW/g



0 dB = 9.81mW/g

Date/Time: 13/08/2007 4:39:20 PM

Test Laboratory: RTS
File Name: DipoleValidation_1900MHz_Amb_Tem_24_0_Liq_Tem_22_7.da4

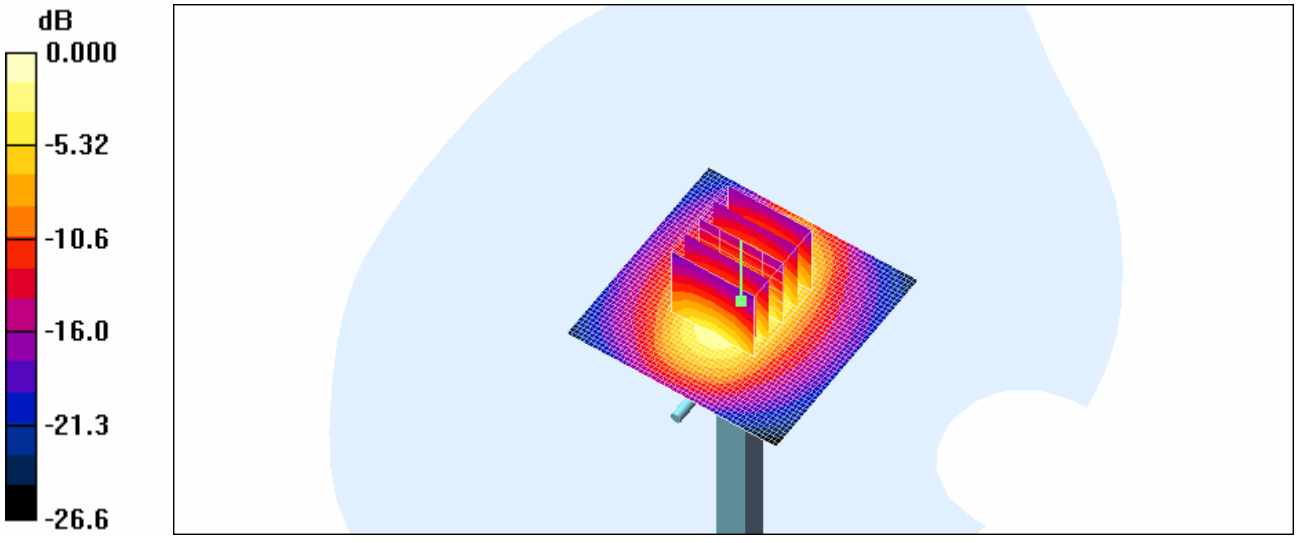
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:545
Program Name: System Performance Check at 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 39.3; 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: 25/04/2006
- 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 = 177.7 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 65.2 W/kg
SAR(1 g) = 36.7 mW/g; SAR(10 g) = 19 mW/g
Maximum value of SAR (measured) = 41.4 mW/g

d=15mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 48.8 mW/g



0 dB = 48.8mW/g

Date/Time: 15/08/2007 9:48:14 PM

Test Laboratory: RTS
File Name: DipoleValidation_1900MHz_Amb_Tem_23_8_Liq_Tem_22_2.da4

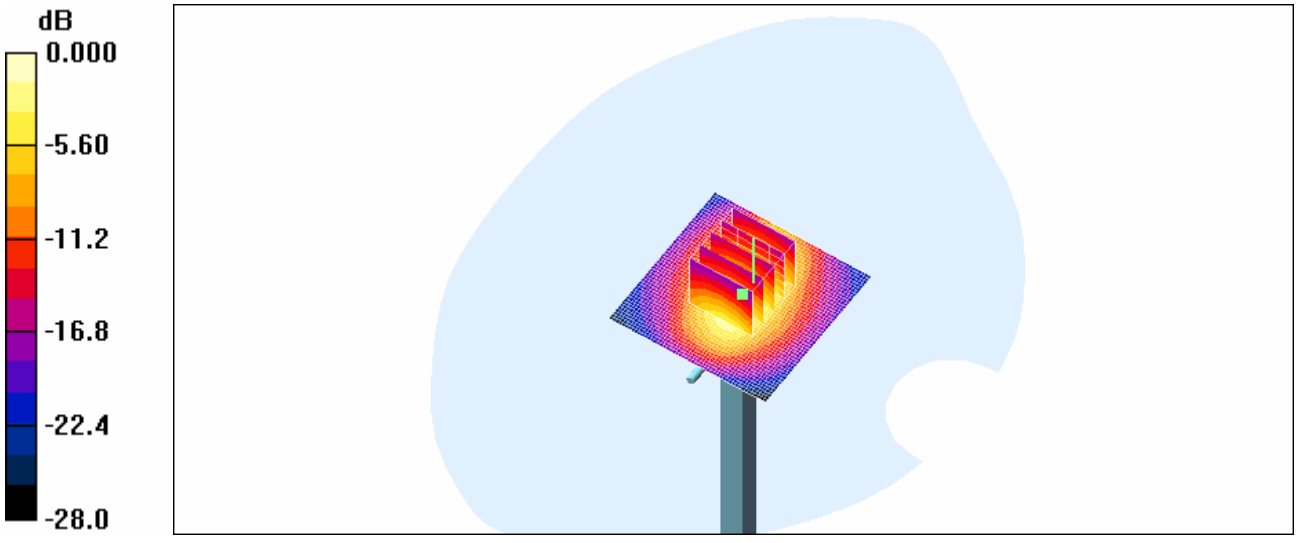
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:545
Program Name: System Performance Check at 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 39.3; 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: 25/04/2006
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- 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 = 175.0 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 65.2 W/kg
SAR(1 g) = 36.8 mW/g; SAR(10 g) = 19.1 mW/g
Maximum value of SAR (measured) = 41.0 mW/g

d=15mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 47.4 mW/g



0 dB = 47.4mW/g

Date/Time: 21/08/2007 7:35:37 PM

Test Laboratory: RTS
File Name: DipoleValidation_1900MHz_Amb_Tem_23_5_Liq_Tem_22_7.da4

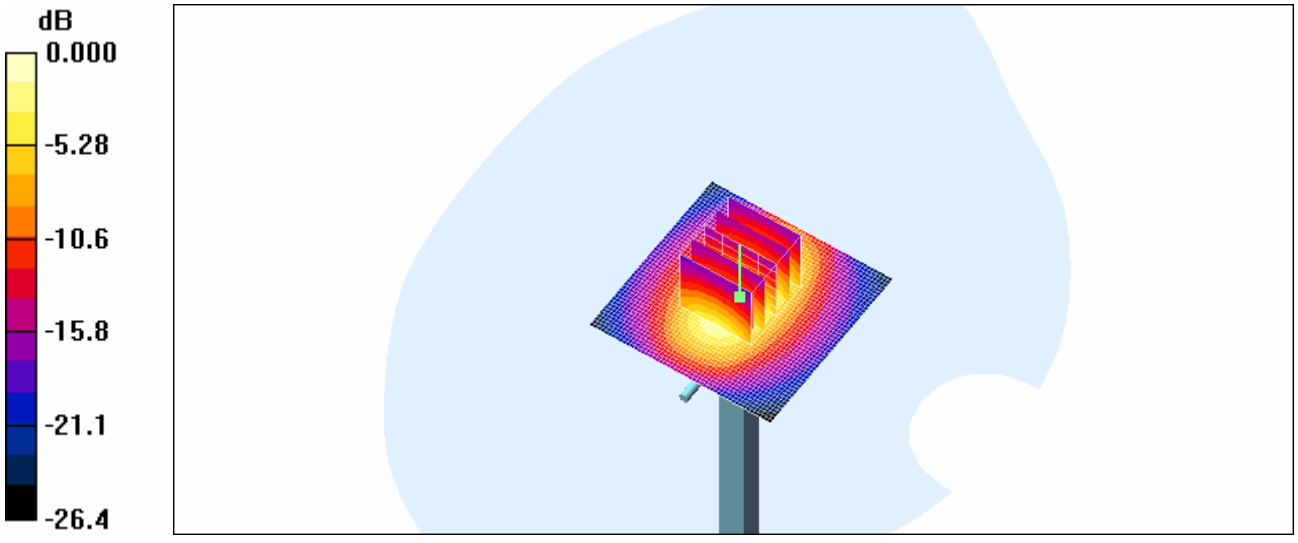
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:545
Program Name: System Performance Check at 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 39.3; 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: 25/04/2006
- 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 = 181.4 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 68.4 W/kg
SAR(1 g) = 38.5 mW/g; SAR(10 g) = 20 mW/g
Maximum value of SAR (measured) = 43.2 mW/g

d=15mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 51.6 mW/g



0 dB = 51.6mW/g

APPENDIX B: SAR DISTRIBUTION PLOTS FOR HEAD CONFIGURATION

Date/Time: 17/08/2007 4:57:45 PM

Test Laboratory: RTS
File Name: LeftHandSide_CDMA800_low_chan_amb_temp_24_4_liq_temp_22_3C.da4

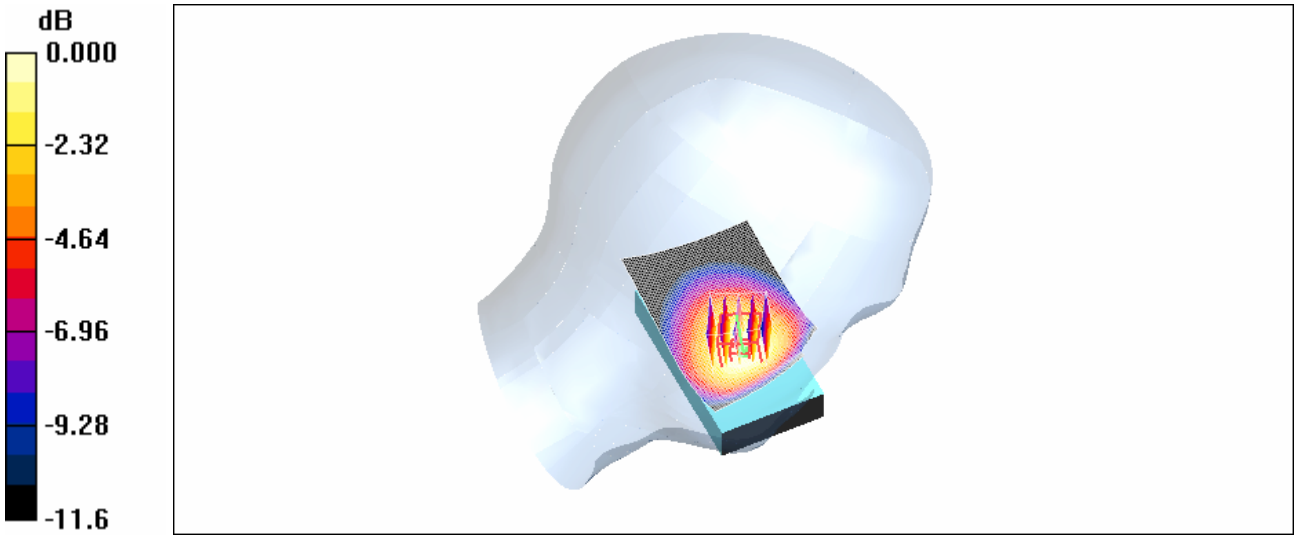
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.855 mho/m; ε_r = 42.3; 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 2; Type: SAM 4.0; Serial: 1080
- 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
Maximum value of SAR (interpolated) = 1.11 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.691 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

Date/Time: 17/08/2007 5:44:02 PM

Test Laboratory: RTS
File Name: LeftHandSide_Tilt_CDMA800_low_chan_amb_temp_23_9_liq_temp_22_0C.da4

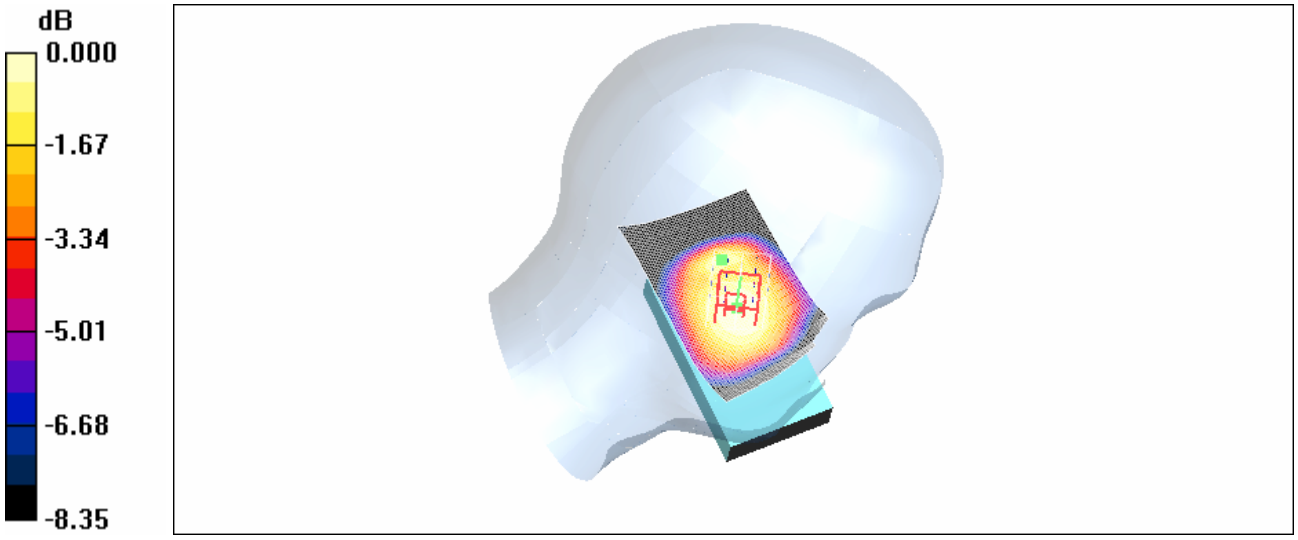
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.855 mho/m; ε_r = 42.3; 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 2; Type: SAM 4.0; Serial: 1080
- 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
Maximum value of SAR (interpolated) = 0.579 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.581 mW/g



0 dB = 0.581mW/g

Date/Time: 17/08/2007 3:25:15 PM

Test Laboratory: RTS
File Name: RightHandSide_CDMA800_low_chan_amb_temp_24_0_liq_temp_22_0C__.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

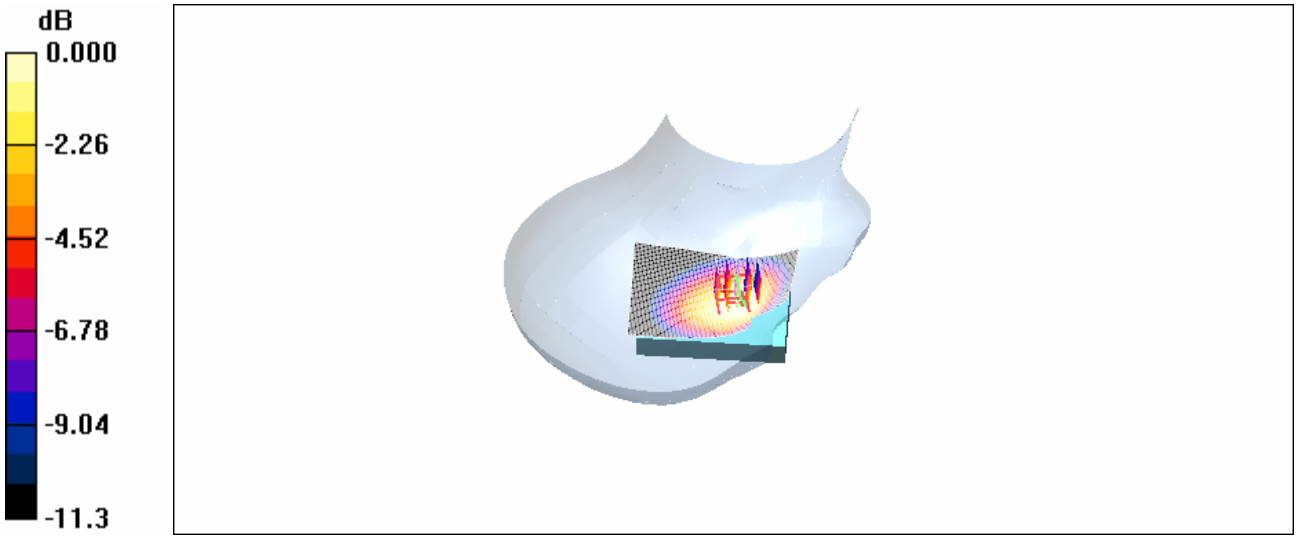
Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.855 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Right Section

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 2; Type: SAM 4.0; Serial: 1080
- 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
Maximum value of SAR (interpolated) = 1.09 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.696 mW/g

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



0 dB = 1.04mW/g

Date/Time: 17/08/2007 4:24:47 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_CDMA800_low_chan_amb_temp_24_5_liq_temp_22_5C.da4

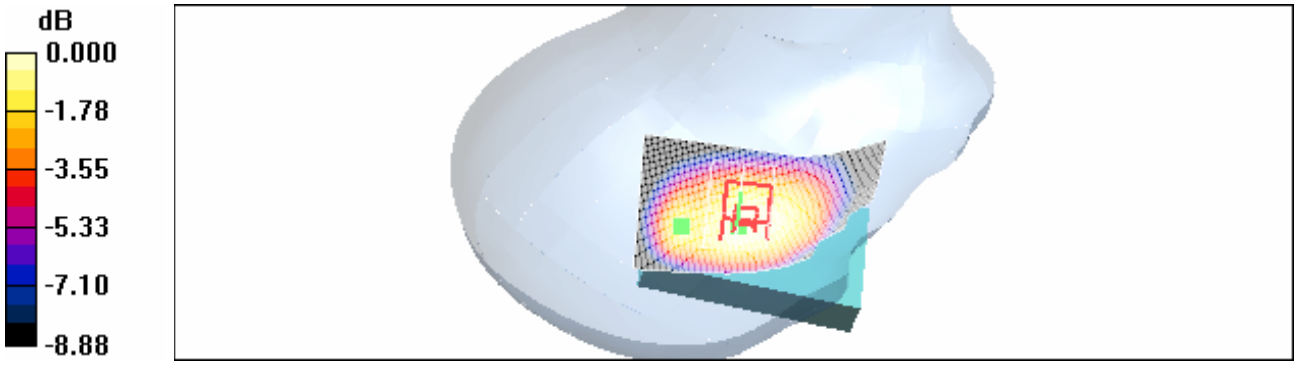
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.855 mho/m; ε_r = 42.3; 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 2; Type: SAM 4.0; Serial: 1080
- 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
Maximum value of SAR (interpolated) = 0.613 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.616 mW/g



0 dB = 0.616mW/g

Date/Time: 22/08/2007 4:18:40 PM

Test Laboratory: RTS

LeftHandSide_CDMA1900_low_chan_amb_temp_23_0_liq_temp_22_2C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.42 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

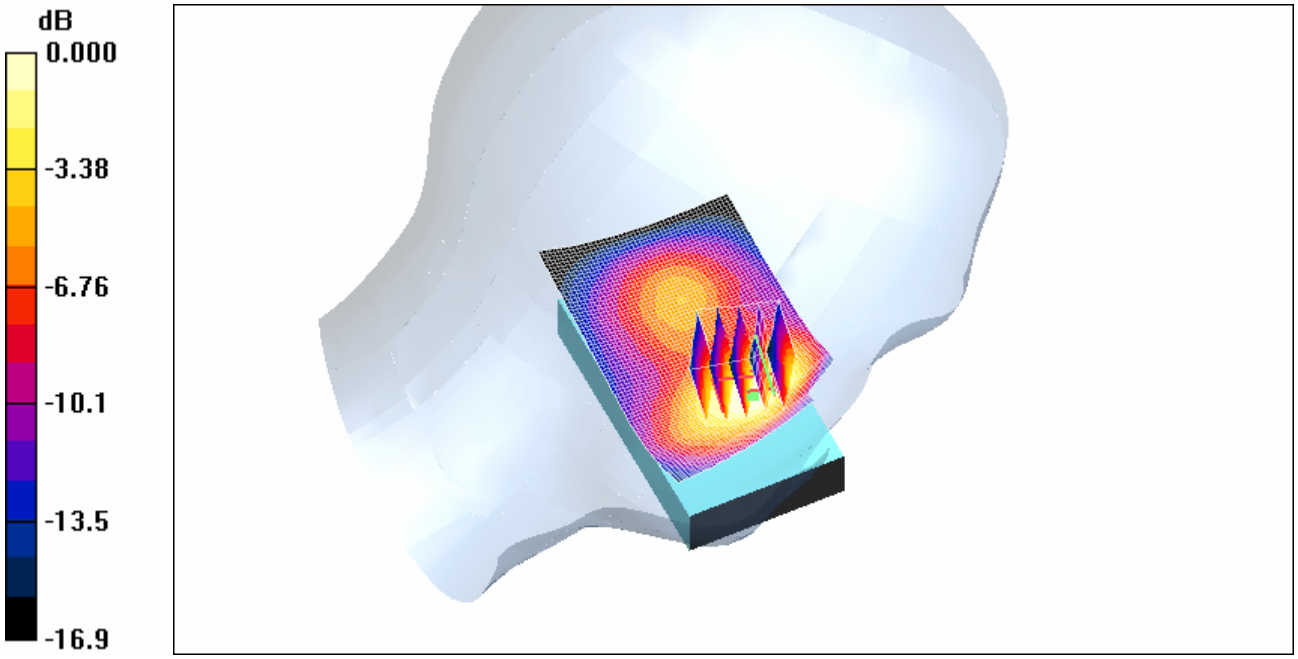
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 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) = 1.59 mW/g

Touch position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.299 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.767 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.48 mW/g



0 dB = 1.48mW/g

Date/Time: 13/08/2007 10:16:54 PM

Test Laboratory: RTS
File Name: LeftHandSide_Tilt_CDMA1900_low_chan_amb_temp_24_5_liq_temp_23_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.43 mho/m; ε_r = 39.1; 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

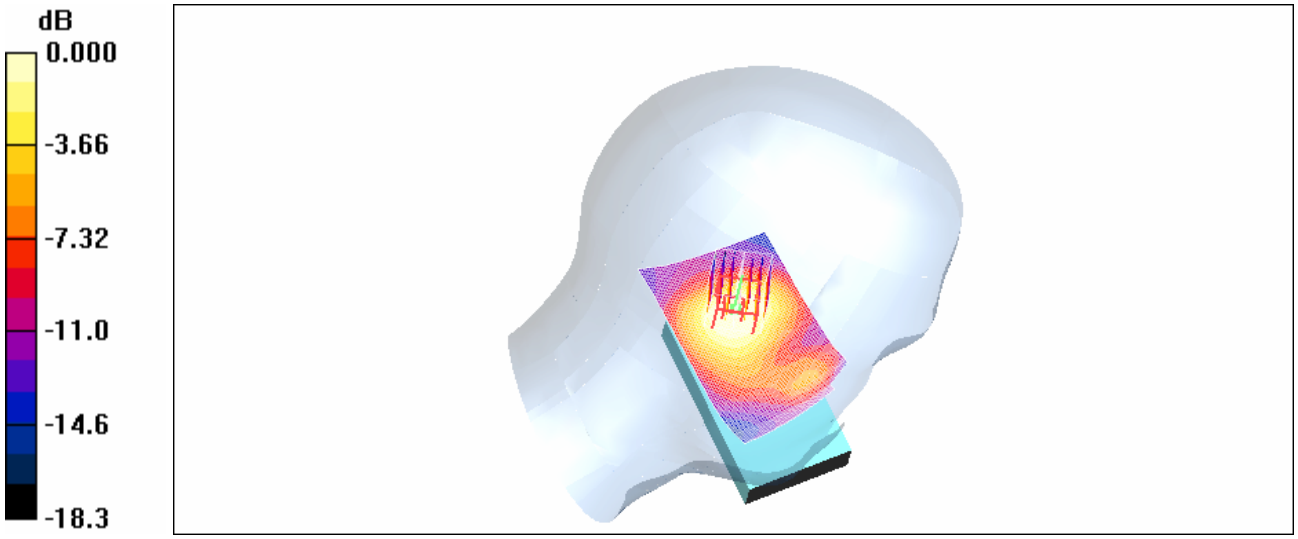
Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.722 mW/g

Tilt position - Low/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = -0.269 dB
Peak SAR (extrapolated) = 0.790 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.340 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.584 mW/g



0 dB = 0.584mW/g

Date/Time: 21/08/2007 10:26:23 PM

Test Laboratory: RTS
File Name: RightHandSide_CDMA1900_low_chan_amb_temp_24_0_liq_temp_23_1.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.42 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Right Section

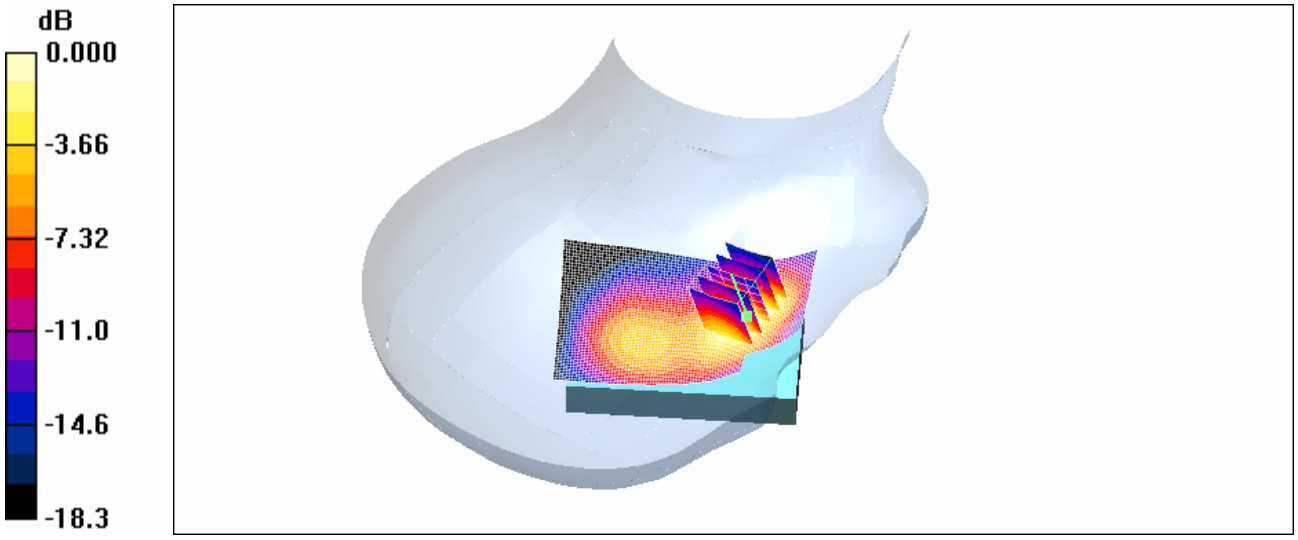
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: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

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.69 mW/g

Touch position - Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.257 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.789 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.59 mW/g



0 dB = 1.59mW/g

Date/Time: 13/08/2007 6:38:21 PM

Test Laboratory: RTS
File Name: RightHandSide_Tilt_CDMA1900_low_chan_amb_temp_24_2_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.43 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Right Section

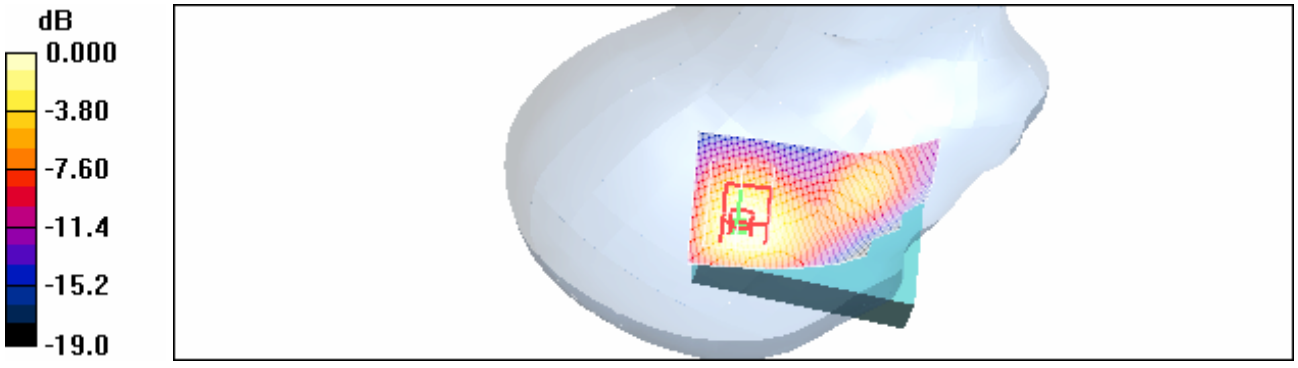
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.28, 5.28, 5.28); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: 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) = 0.919 mW/g

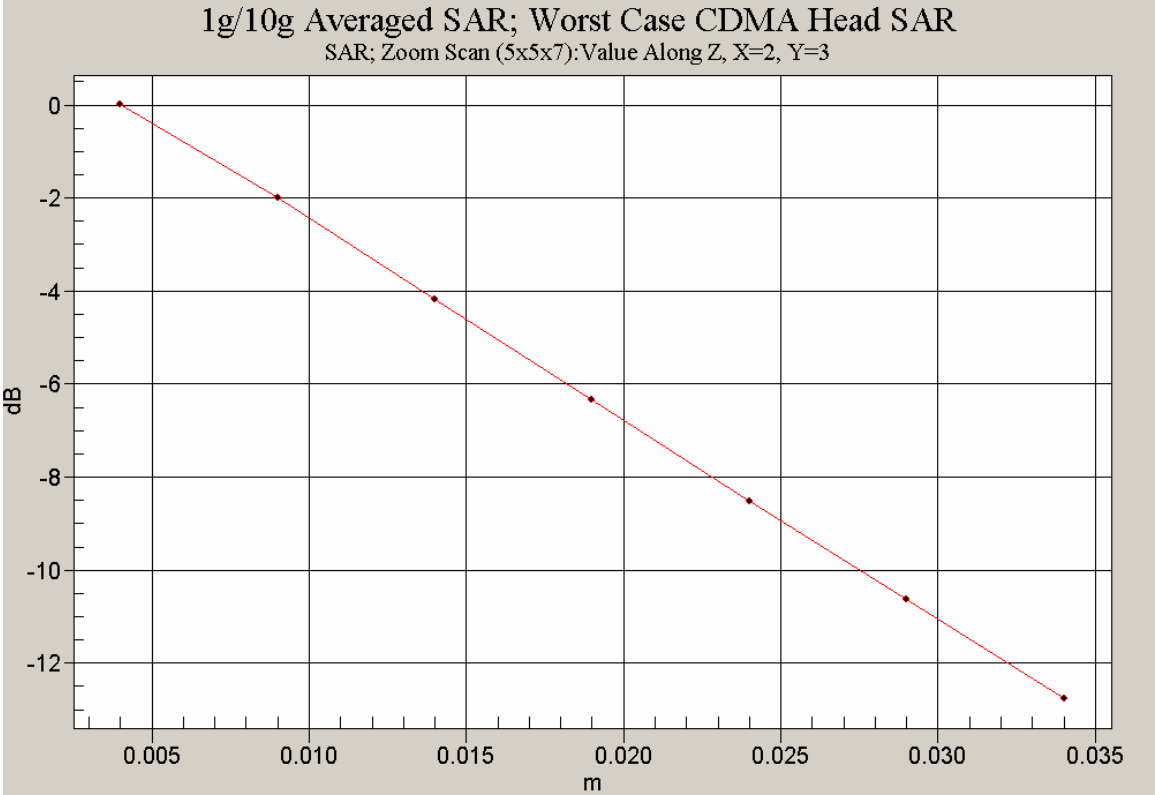
Tilt position - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.2 V/m; Power Drift = -0.291 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.456 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.834mW/g

Z axis plot for the worst case head configuration:



APPENDIX C: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

Date/Time: 20/08/2007 4:07:22 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_CDMA800_Low_Chan_Amb_Tem_24_2_Liq_Tem_22_0C.da4

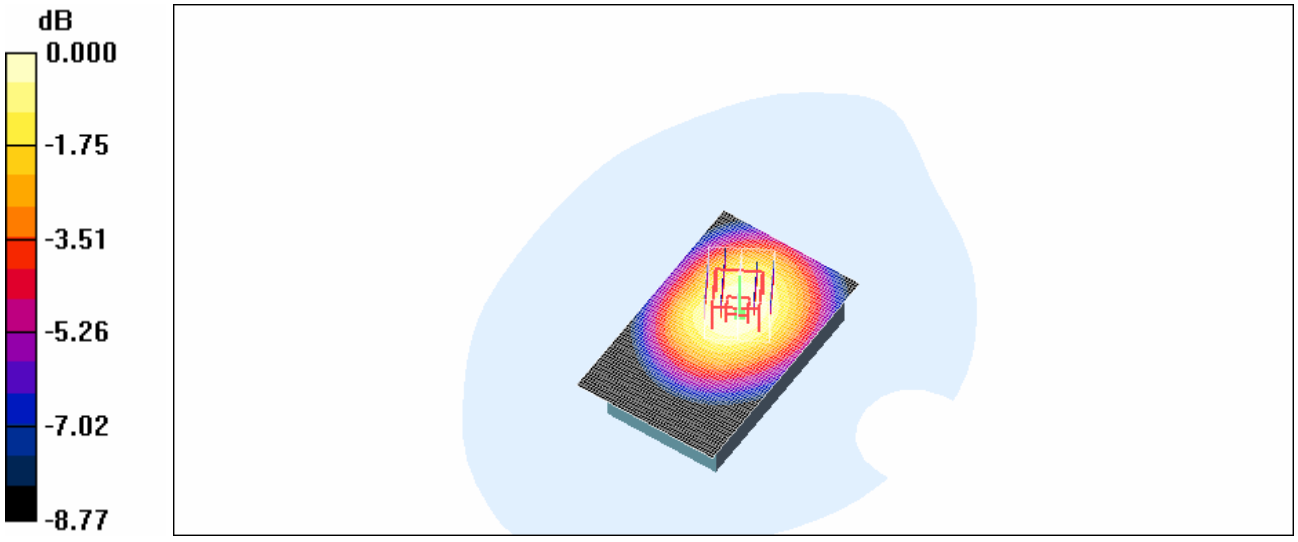
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.942 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.653 mW/g
Maximum value of SAR (measured) = 0.937 mW/g



0 dB = 0.937mW/g

Date/Time: 20/08/2007 4:59:41 PM

Test Laboratory: RTS
File Name:
SportsCase_clip_Back_CDMA800_Low_Chan_Amb_Tem_24_4_Liq_Tem_22_1C.da4

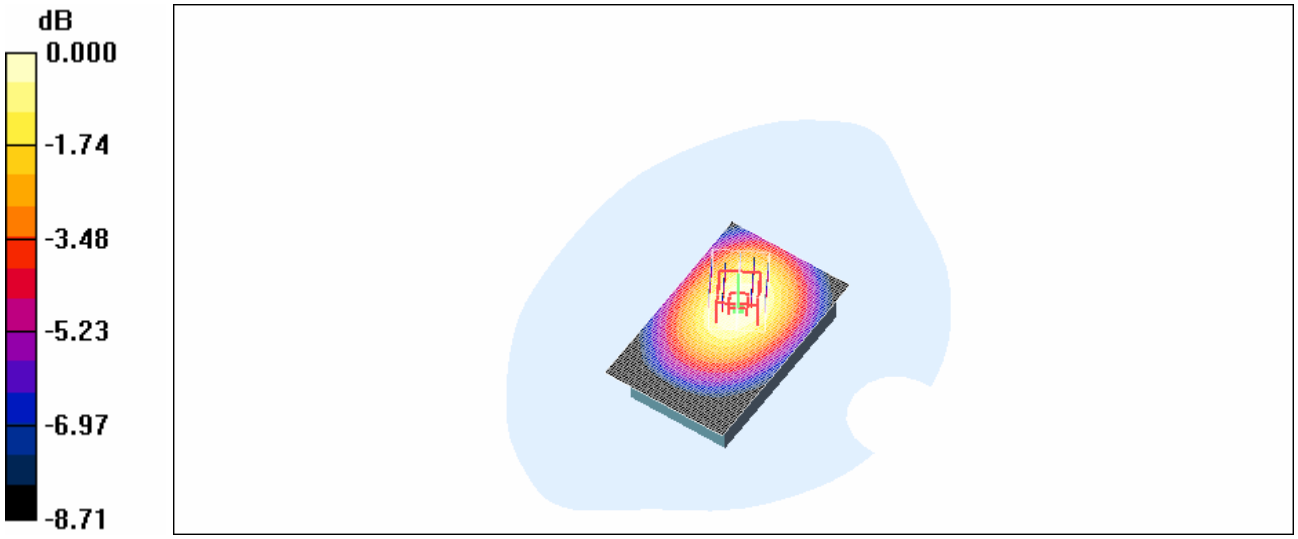
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.940 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 32.2 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.639 mW/g
Maximum value of SAR (measured) = 0.932 mW/g



0 dB = 0.932mW/g

Date/Time: 20/08/2007 5:18:09 PM

Test Laboratory: RTS
File Name:
SportsCase_belt_Back_CDMA800_Low_Chan_Amb_Tem_24_1_Liq_Tem_21_9C.da4

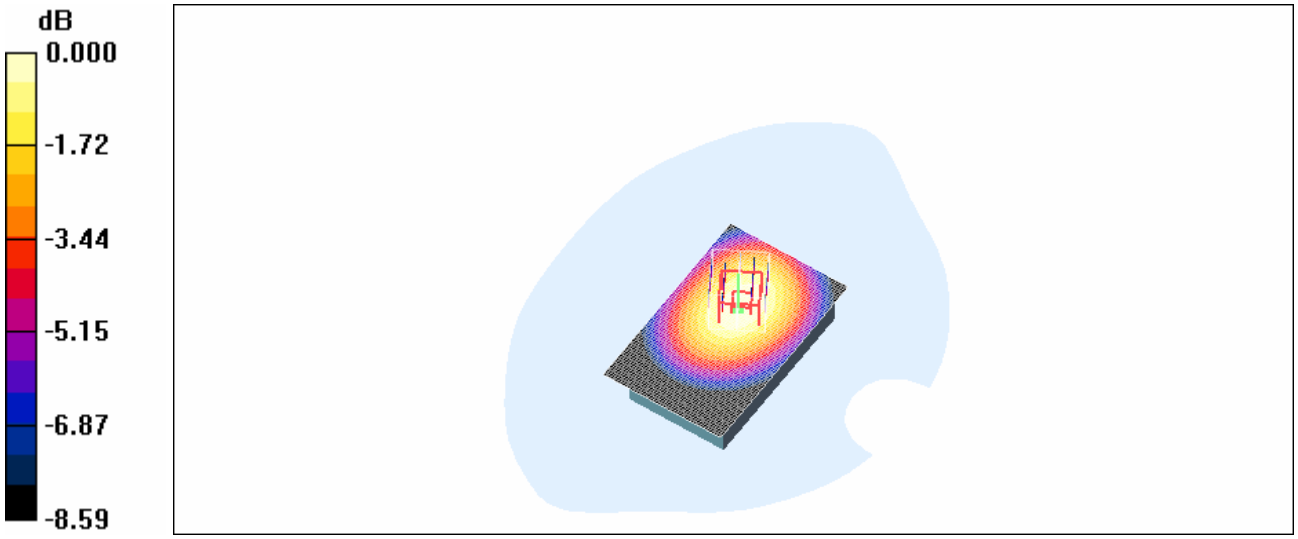
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.880 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.603 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



0 dB = 0.877mW/g

Date/Time: 20/08/2007 5:39:31 PM

Test Laboratory: RTS
File Name:
SportsCase_strap_Back_CDMA800_Low_Chan_Amb_Tem_24_0_Liq_Tem_21_8C.da4

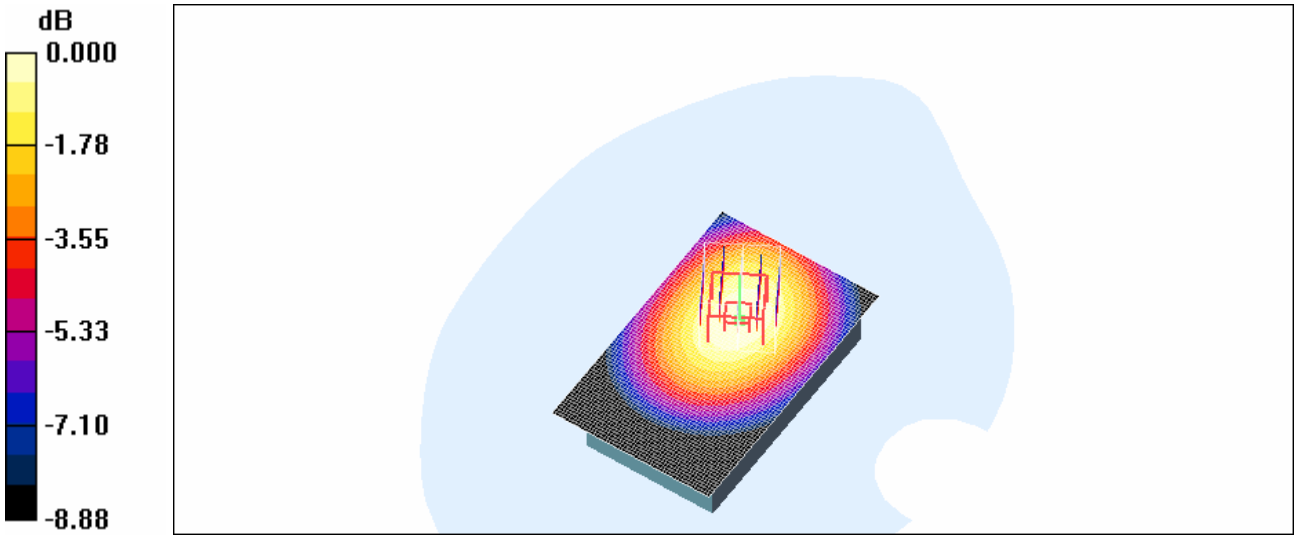
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.875 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.2 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 0.878 mW/g



0 dB = 0.878mW/g

Date/Time: 20/08/2007 6:15:25 PM

Test Laboratory: RTS
File Name:
Leather_Swivel_Holster_Back_CDMA800_Low_Chan_Amb_Tem_23_8_Liq_Tem_21_7C.da4

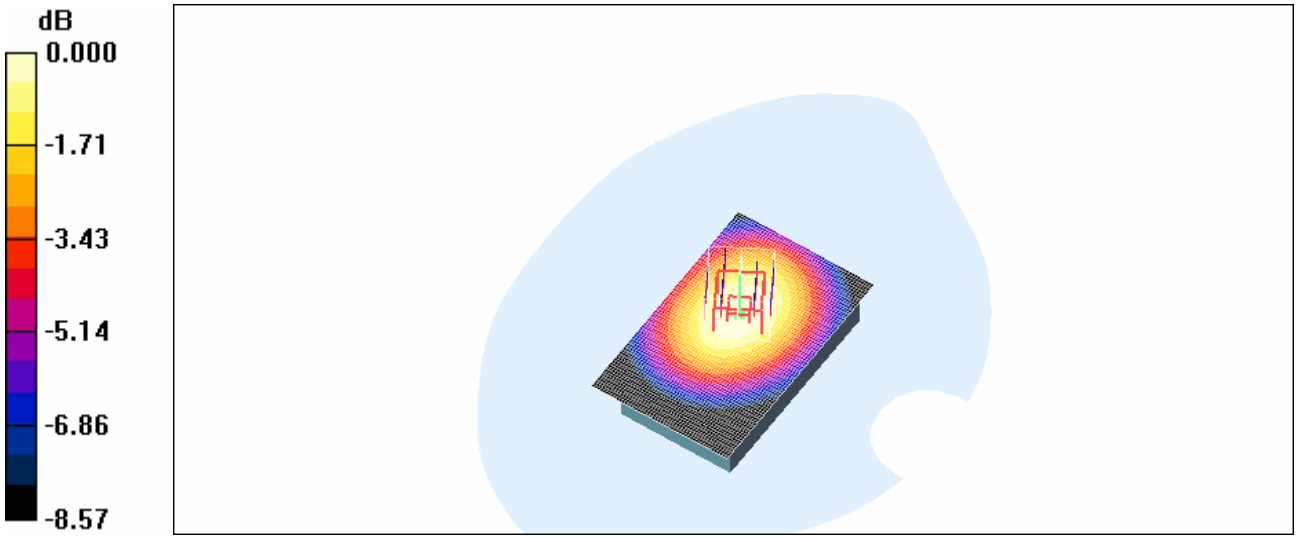
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.728 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.4 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.865 W/kg
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.497 mW/g
Maximum value of SAR (measured) = 0.722 mW/g



0 dB = 0.722mW/g

Date/Time: 20/08/2007 6:31:16 PM

Test Laboratory: RTS
File Name:
Black_Leather_Holster_Back_CDMA800_Low_Chan_Amb_Tem_23_9_Liq_Tem_21_9C.da4

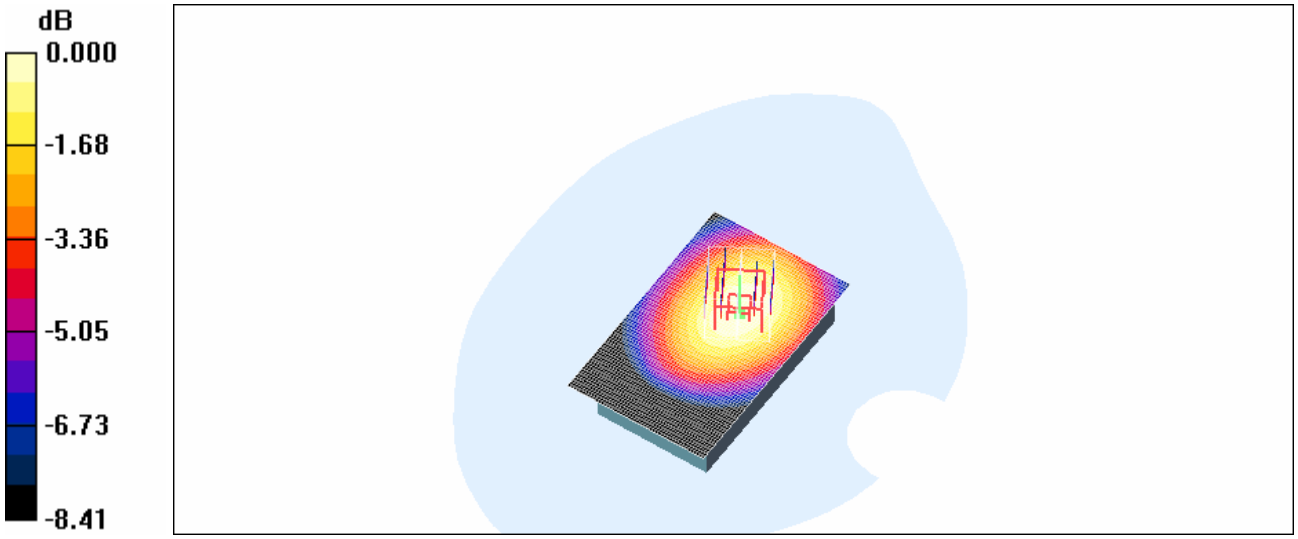
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.673 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.0 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.669 mW/g



0 dB = 0.669mW/g

Date/Time: 20/08/2007 6:47:04 PM

Test Laboratory: RTS
File Name:
Euro_Swivel_Holster_Back_CDMA800_Low_Chan_Amb_Tem_24_2_Liq_Tem_22_0C.da4

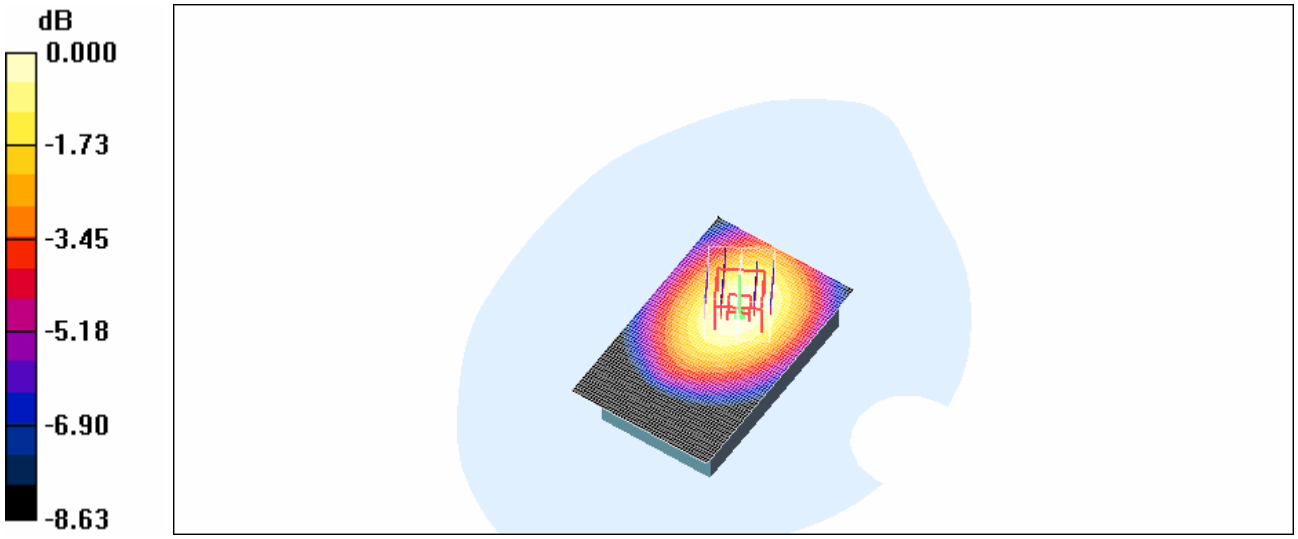
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.783 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 0.940 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.537 mW/g
Maximum value of SAR (measured) = 0.781 mW/g



0 dB = 0.781mW/g

Date/Time: 20/08/2007 8:56:04 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Front_CDMA800_Low_Chan_Amb_Tem_23_9_Liq_Tem_21_6C.da4

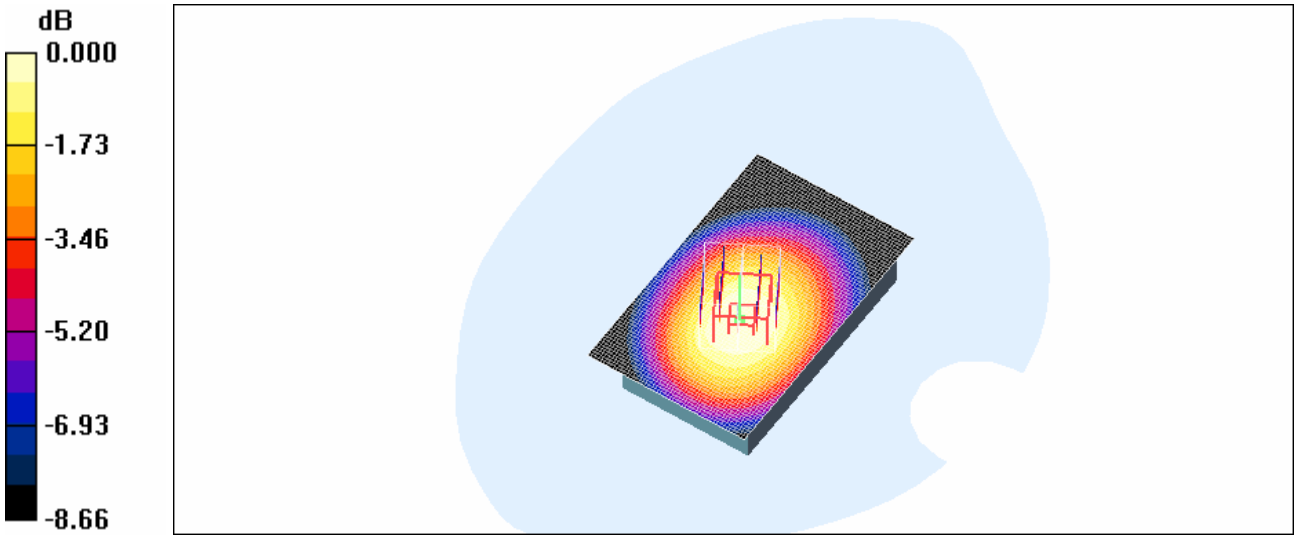
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.717 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.1 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 0.711 mW/g



0 dB = 0.711mW/g

Date/Time: 20/08/2007 8:37:10 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_headset_CDMA800_Low_Chan_Amb_Tem_24_0_Liq_Tem_21_9C.da4

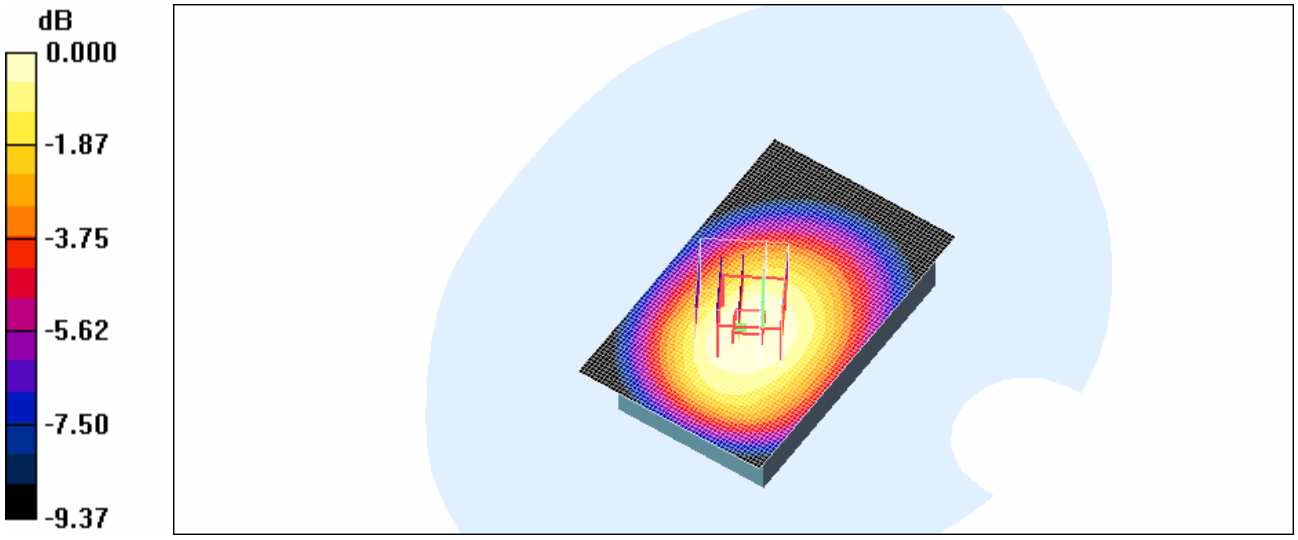
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.750 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 27.4 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.514 mW/g
Maximum value of SAR (measured) = 0.727 mW/g



0 dB = 0.727mW/g

Date/Time: 20/08/2007 8:19:28 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_BT_on_CDMA800_Low_Chan_Amb_Tem_24_1_Liq_Tem_22_2C.da4

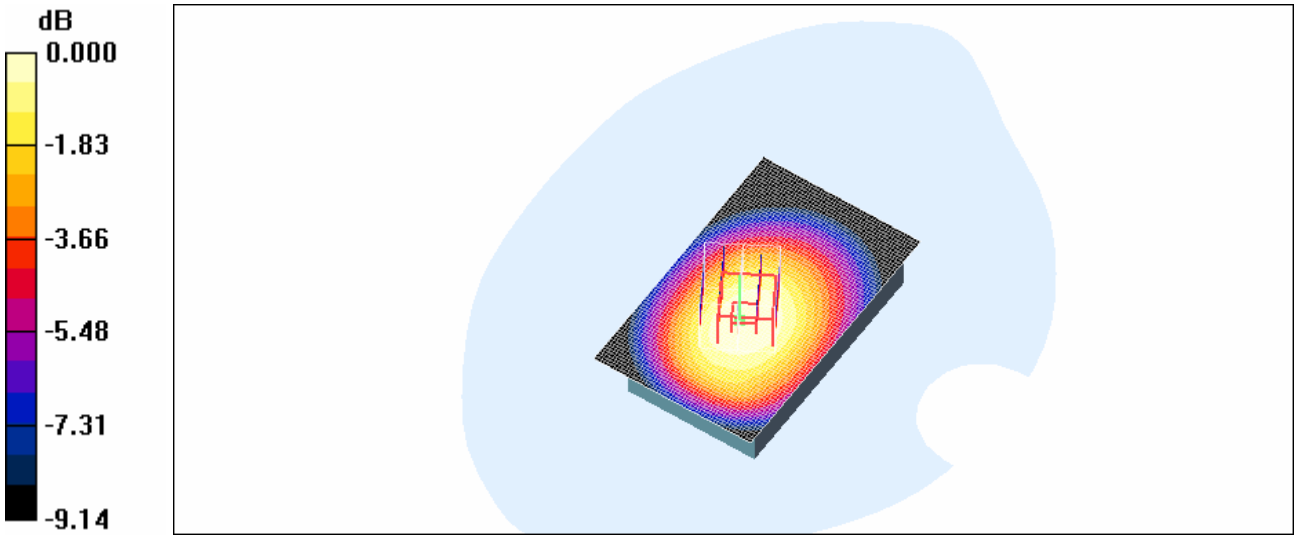
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.932 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 31.2 V/m; Power Drift = -0.176 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.635 mW/g
Maximum value of SAR (measured) = 0.911 mW/g



0 dB = 0.911mW/g

Date/Time: 20/08/2007 7:14:56 PM

Test Laboratory: RTS
File Name: 25mm_Back_CDMA800_Low_Chan_Amb_Tem_24_3_Liq_Tem_22_1C.da4

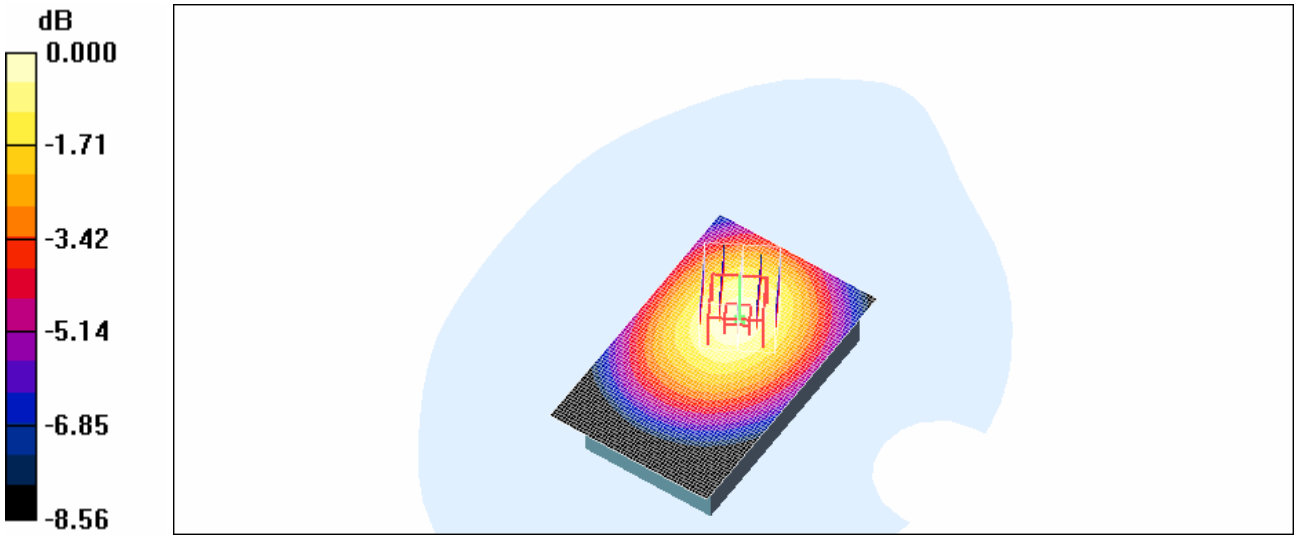
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.914 mho/m; ε_r = 54.6; 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) = 0.488 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = 0.168 dB
Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.361 mW/g
Maximum value of SAR (measured) = 0.518 mW/g



0 dB = 0.518mW/g

Date/Time: 14/08/2007 5:36:44 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_CDMA1900_Low_Chan_Amb_Tem_23_9_Liq_Tem_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; 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 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

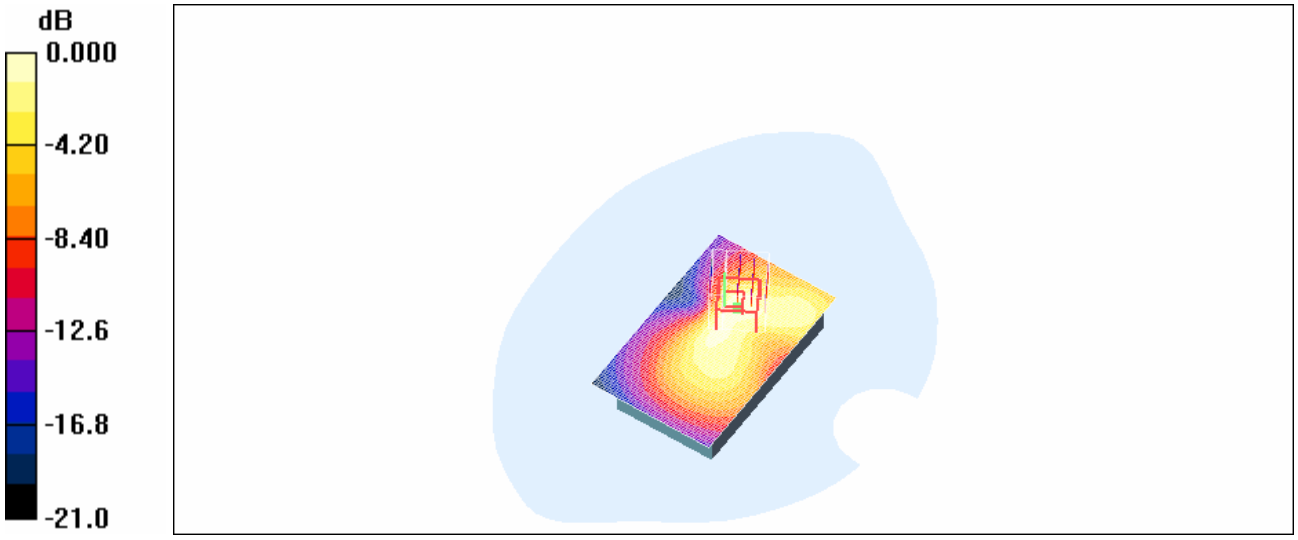
Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.44 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.9 V/m; Power Drift = -0.383 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.580 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25mW/g

Date/Time: 14/08/2007 10:00:24 PM

Test Laboratory: RTS
File Name:
SportsCase_strap_Back_CDMA1900_Low_Chan_Amb_Tem_24_1_Liq_Tem_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

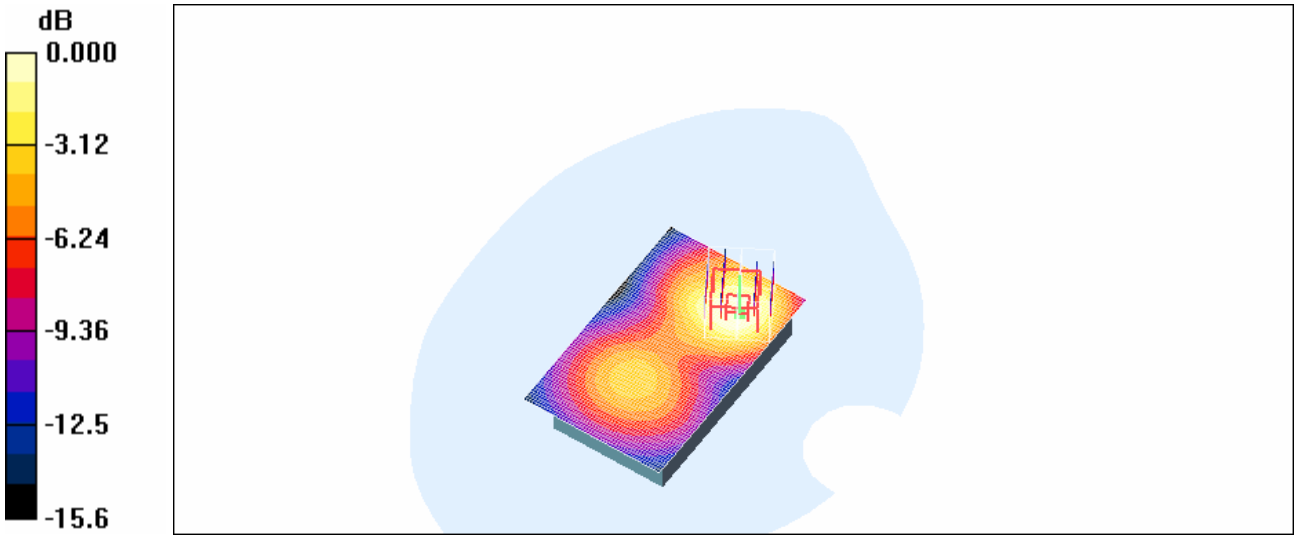
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.35 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = -0.402 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.676 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25mW/g

Date/Time: 14/08/2007 9:19:11 PM

Test Laboratory: RTS
File Name:
SportsCase_clip_Back_CDMA1900_Low_Chan_Amb_Tem_24_4_Liq_Tem_23_2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

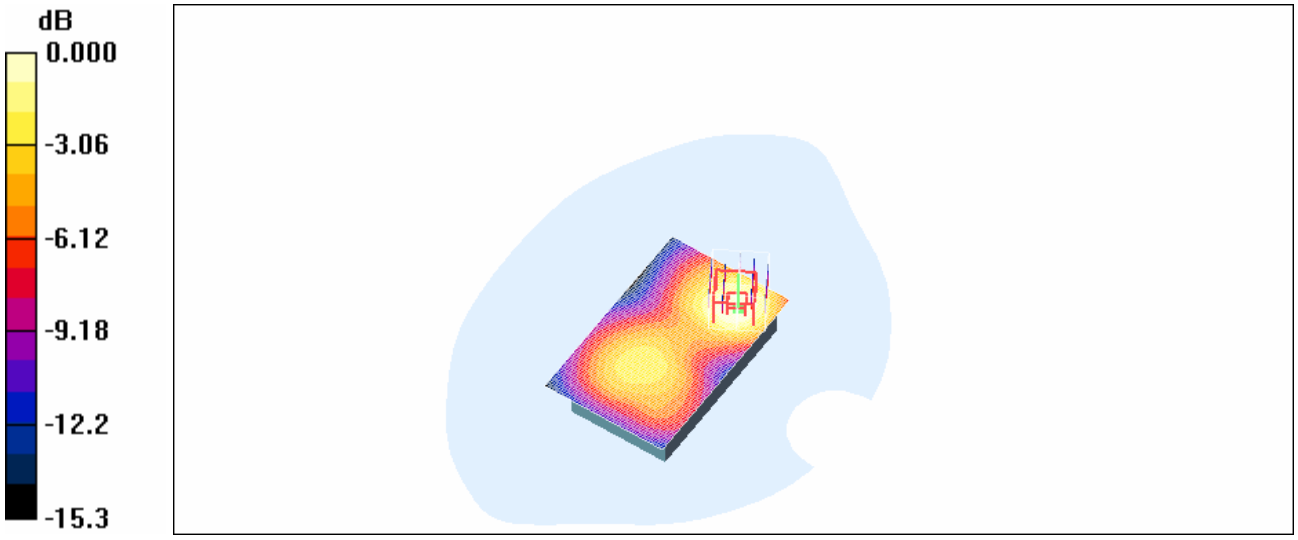
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.08 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = -0.319 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.548 mW/g

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



0 dB = 1.01mW/g

Date/Time: 14/08/2007 9:39:14 PM

Test Laboratory: RTS
File Name:
SportsCase_belt_Back_CDMA1900_Low_Chan_Amb_Tem_24_3_Liq_Tem_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

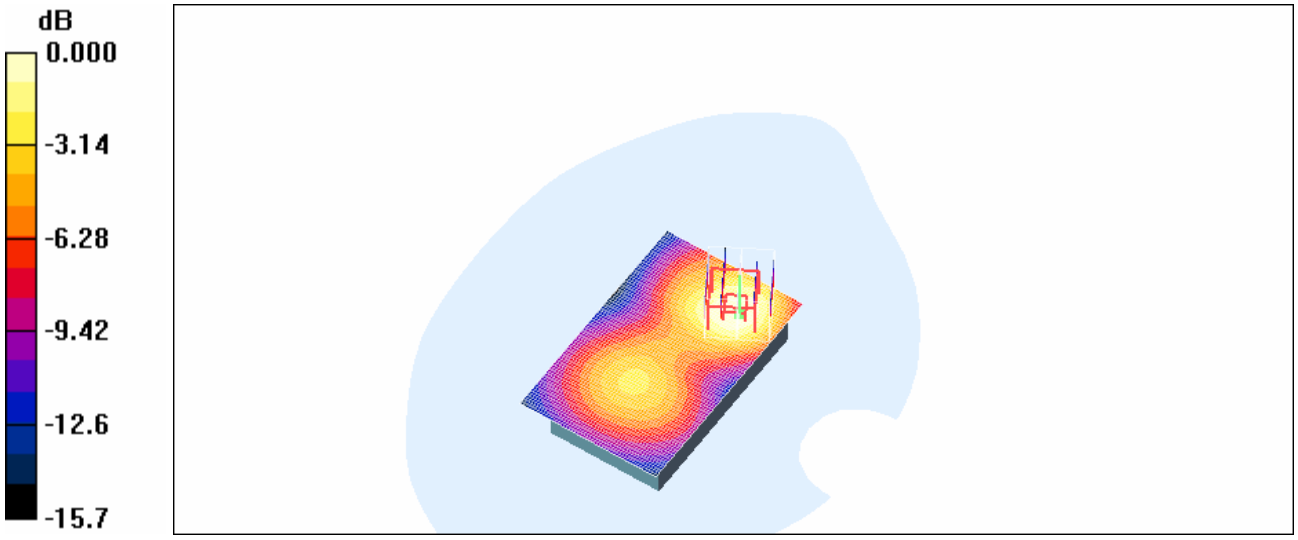
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.568 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

Date/Time: 14/08/2007 6:34:45 PM

Test Laboratory: RTS
File Name:
Leather_Swivel_Back_CDMA1900_Low_Chan_Amb_Tem_24_3_Liq_Tem_23_3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

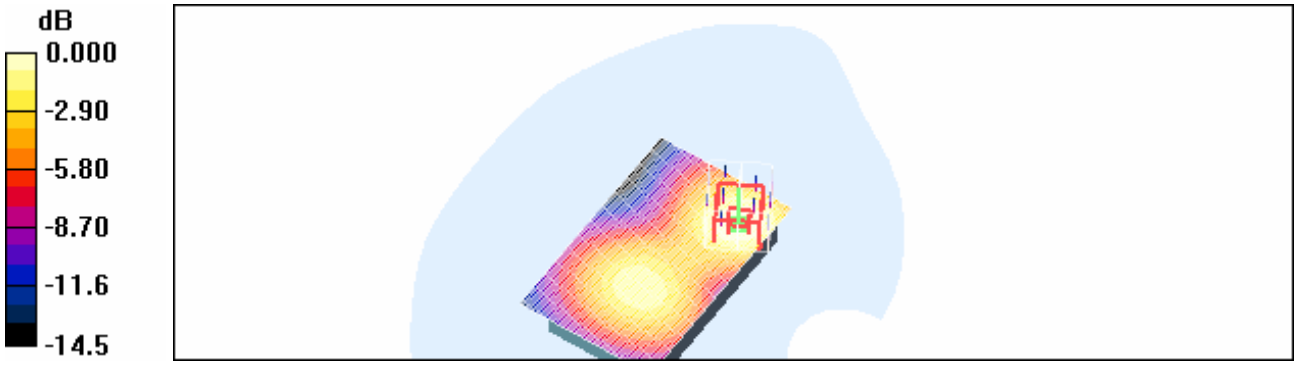
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.638 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.209 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.346 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.623 mW/g



0 dB = 0.623mW/g

Date/Time: 14/08/2007 6:50:57 PM

Test Laboratory: RTS
File Name:
Black_Leather_Holster_Back_CDMA1900_Low_Chan_Amb_Tem_24_4_Liq_Tem_23_5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

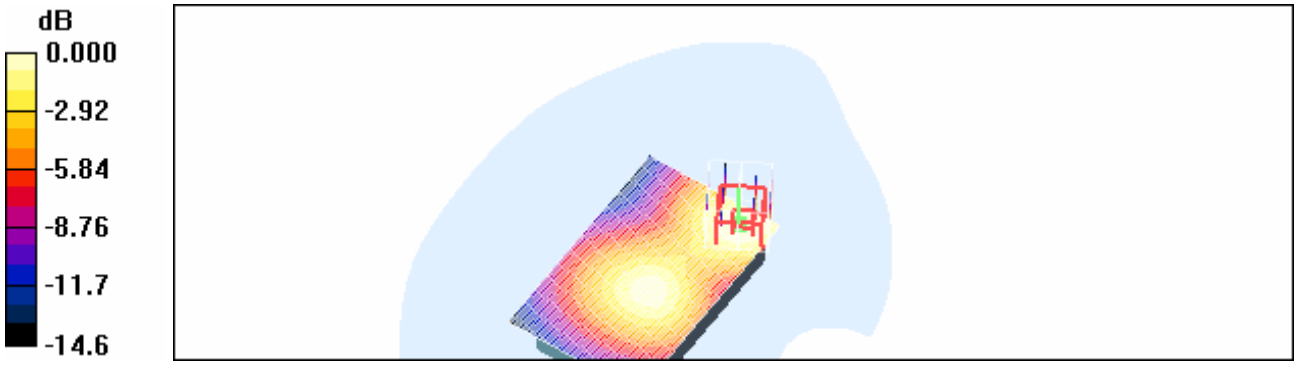
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.502 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.707 W/kg
SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.285 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.500 mW/g



0 dB = 0.500mW/g

Date/Time: 14/08/2007 8:57:26 PM

Test Laboratory: RTS
File Name:
Euro_Swivel_Holster_Back_CDMA1900_Low_Chan_Amb_Tem_24_5_Liq_Tem_23_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

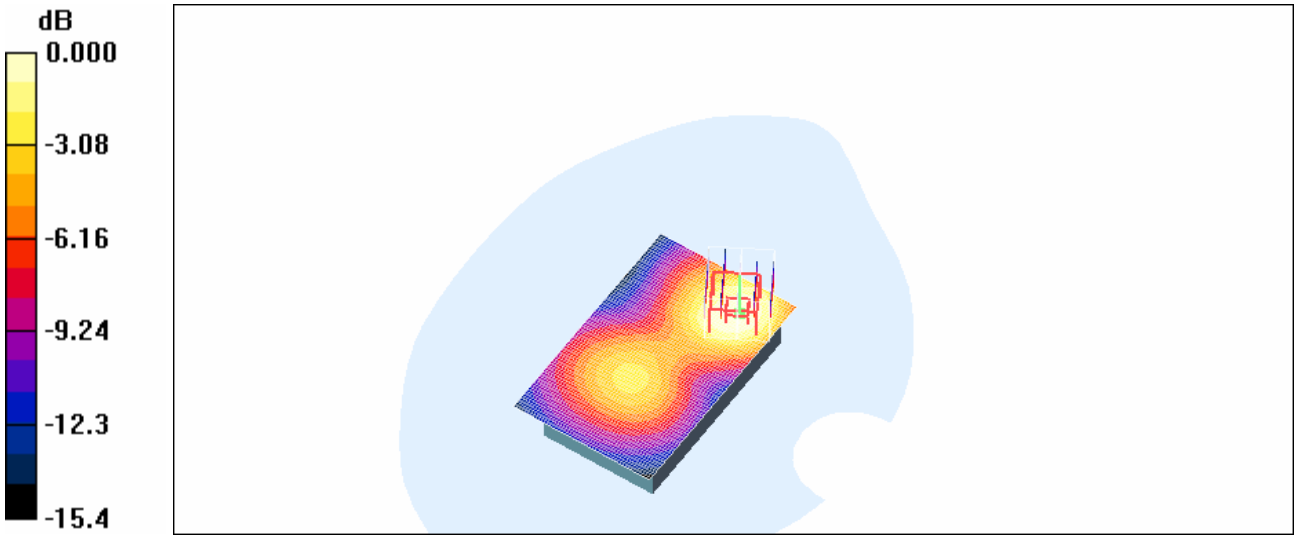
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.908 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.349 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.458 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.848 mW/g



0 dB = 0.848mW/g

Date/Time: 14/08/2007 11:08:28 PM

Test Laboratory: RTS
File Name:
SportsCase_strap_front_CDMA1900_Low_Chan_Amb_Tem_23_9_Liq_Tem_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.45 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

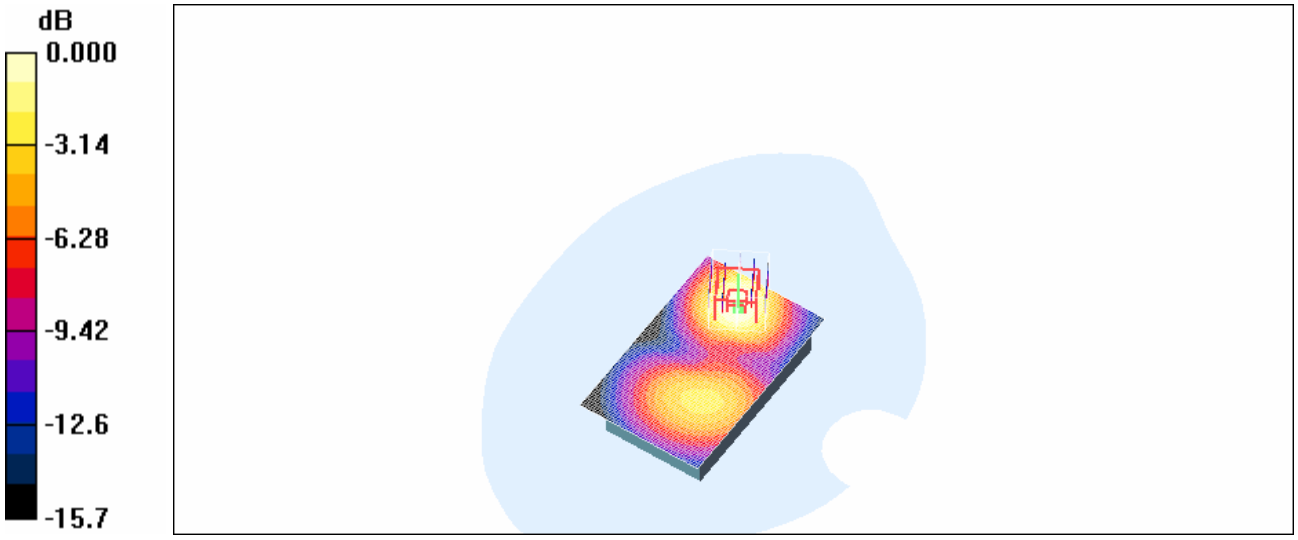
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.568 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.46 V/m; Power Drift = -0.297 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.286 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.534 mW/g



0 dB = 0.534mW/g

Date/Time: 15/08/2007 10:58:13 PM

Test Laboratory: RTS
File Name:
SportsCase_strap_headset_Back_CDMA1900_Low_Chan_Amb_Tem_23_5_Liq_Tem_22_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.52 mho/m; ε_r = 51.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

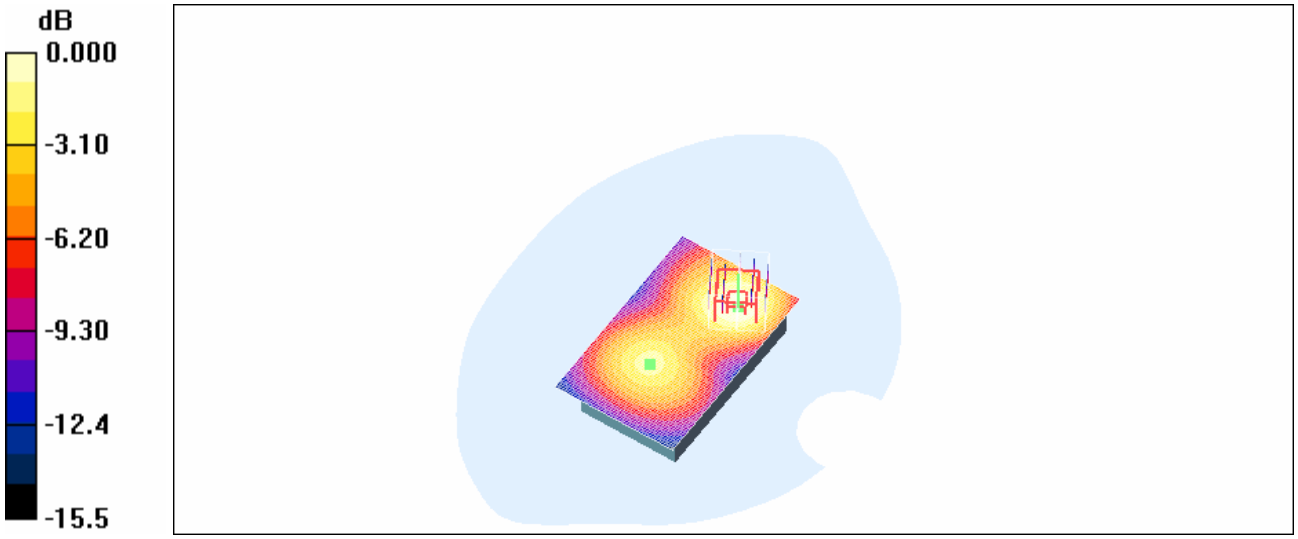
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: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

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.913 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.305 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.480 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.885 mW/g



0 dB = 0.885mW/g

Date/Time: 16/08/2007 11:31:02 AM

Test Laboratory: RTS

SportsCase_Strap_Back_CDMA1900_BT_Low_Chan_Amb_Tem_22_8_Liq_Tem_22_5C

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.52 mho/m; ε_r = 51.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

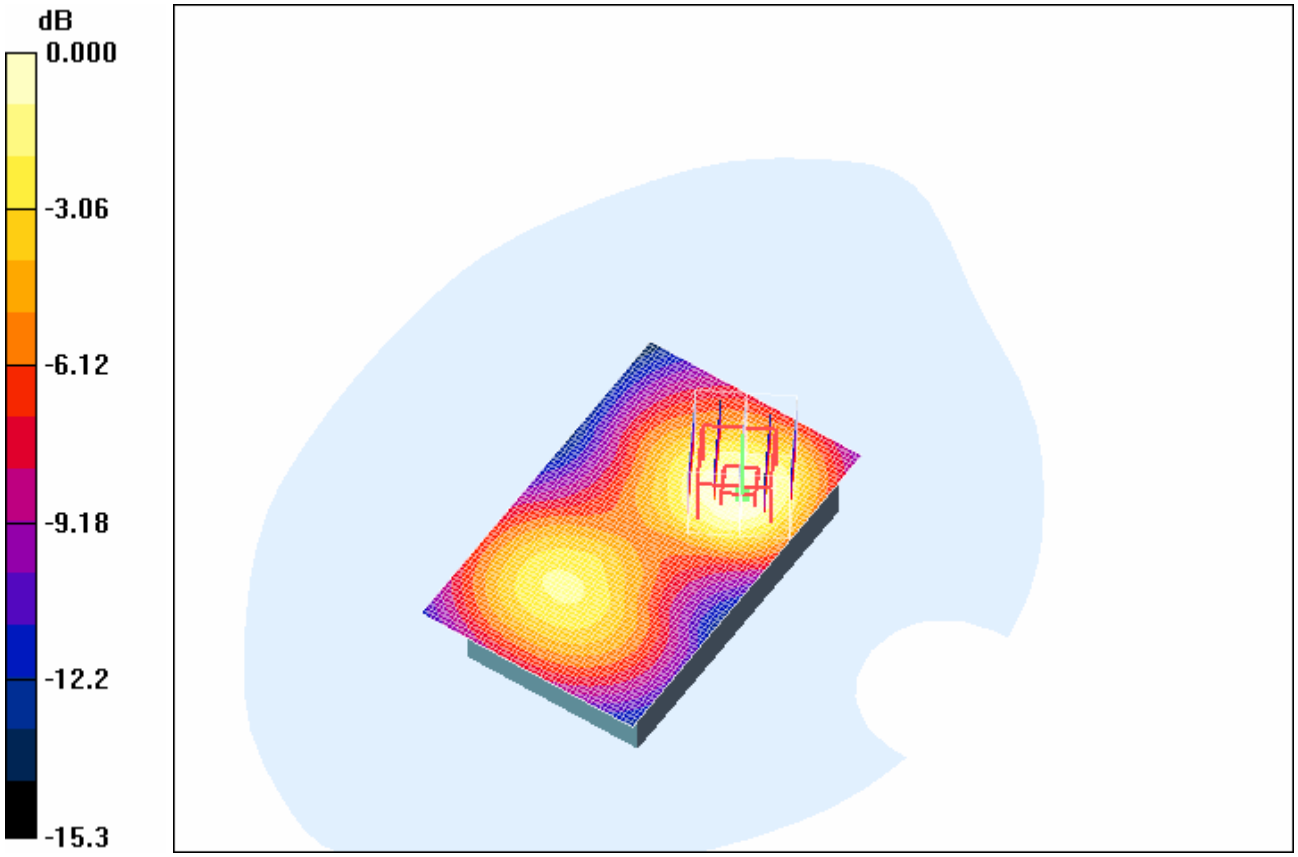
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build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

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.17 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.431 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.581 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

Date/Time: 15/08/2007 11:21:32 PM

Test Laboratory: RTS
File Name: 25mm_Back_CDMA1900_Low_Chan_Amb_Tem_23_6_Liq_Tem_22_3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 301A1F2E
Program Name: Compliance Testing: P1528 Protocol

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.52 mho/m; ε_r = 51.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

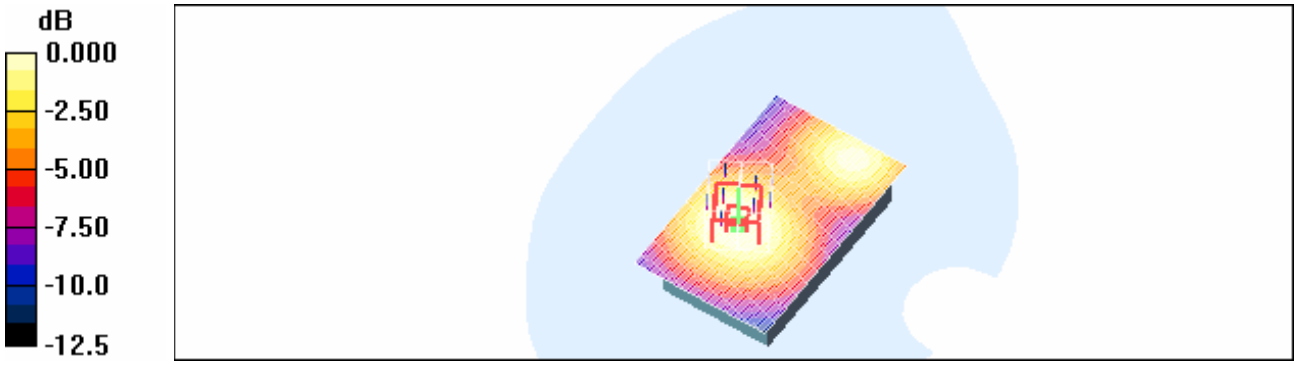
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.78, 4.78, 4.78); Calibrated: 15/01/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 07/03/2007
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: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

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.379 mW/g

Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.3 V/m; Power Drift = -0.231 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.228 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

Z axis plot for the worst case body worn configuration: