APPENDIX C: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

Date/Time: 02/12/2008 12:13:10 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_CDMA800_low_chan_amb_temp_24.2_liq_temp_23.1C.da4

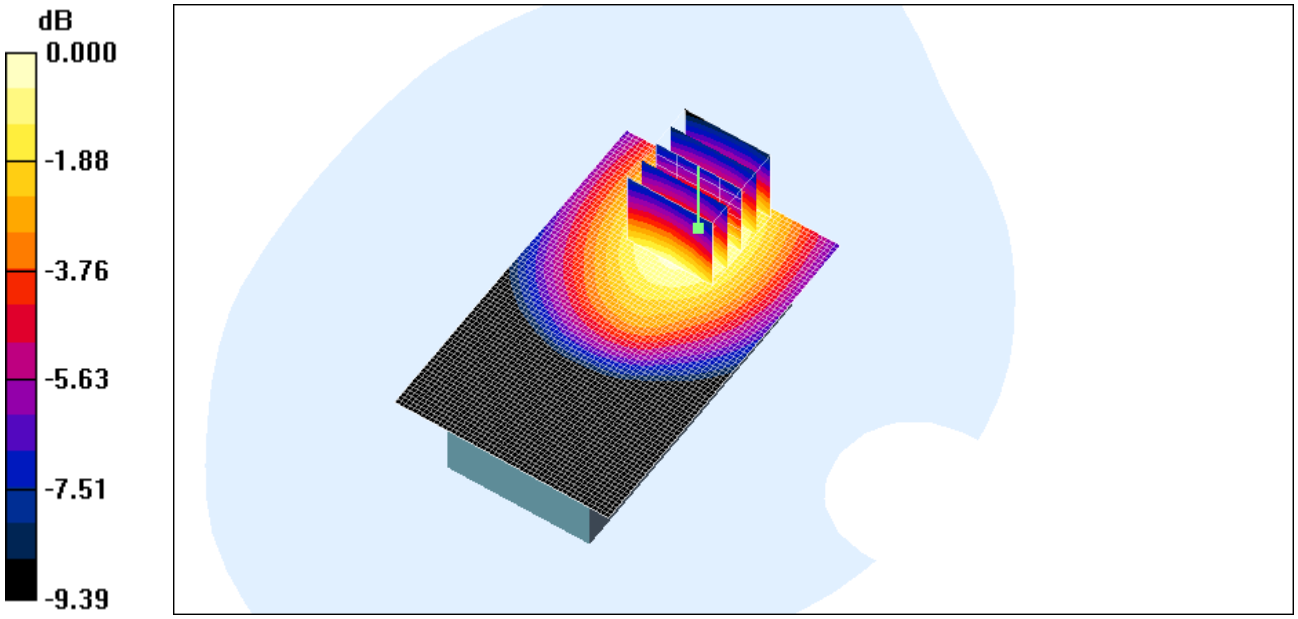
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.933 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.684 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Date/Time: 02/12/2008 12:27:56 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_CDMA800_mid_chan_amb_temp_24.1_liq_temp_23.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.946 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

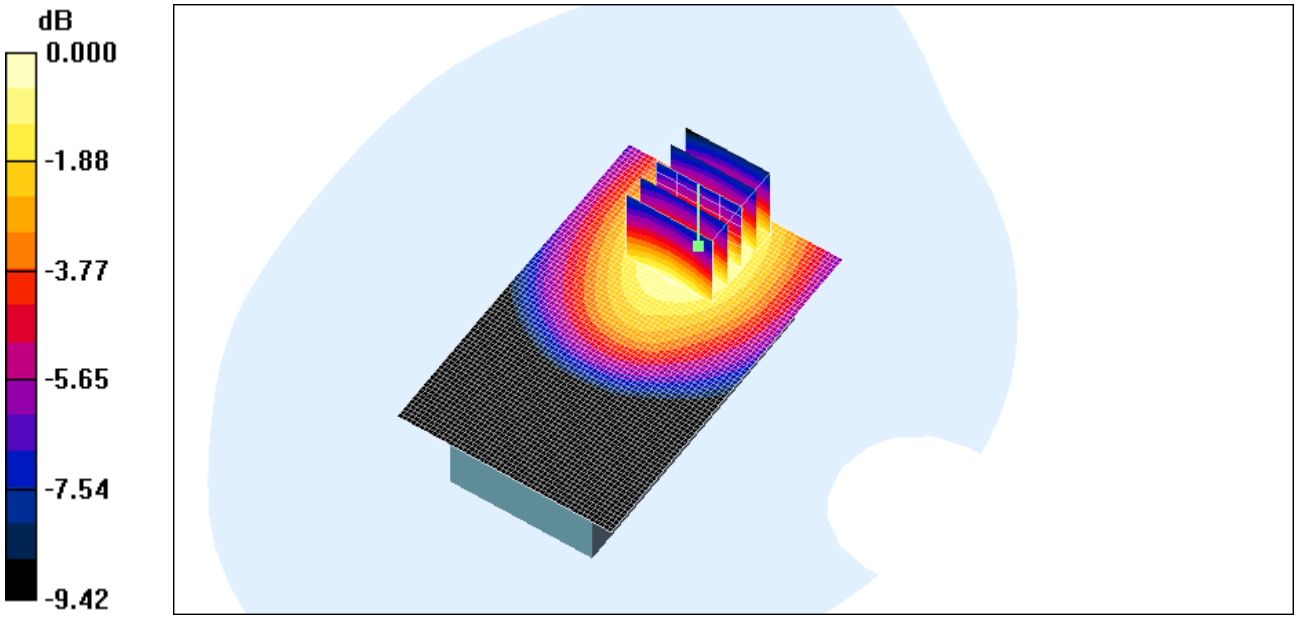
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.917 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.619 mW/g

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



0 dB = 0.913mW/g

Date/Time: 02/12/2008 1:26:23 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_CDMA800_high_chan_amb_temp_24.0_liq_temp_22.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 848.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 848.52 MHz; σ = 0.957 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

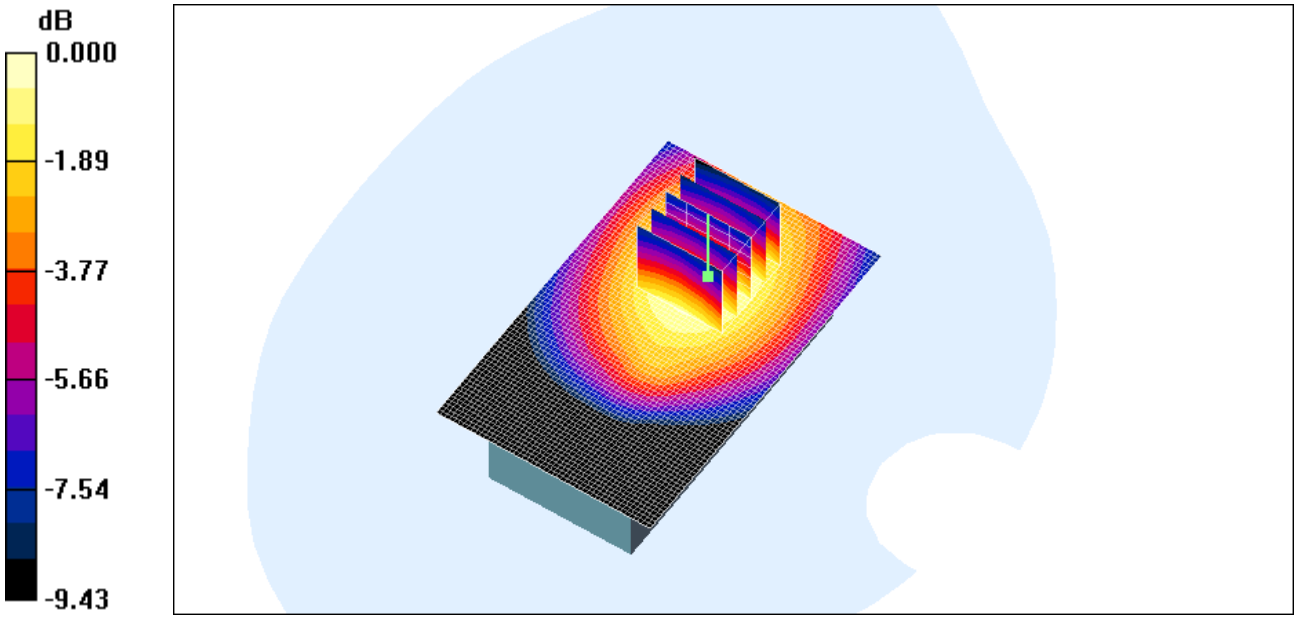
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.636 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.417 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.620 mW/g



0 dB = 0.620mW/g

Date/Time: 02/12/2008 3:31:49 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_Headset_CDMA800_low_chan_amb_temp_22.9_liq_temp_21.7C.da4

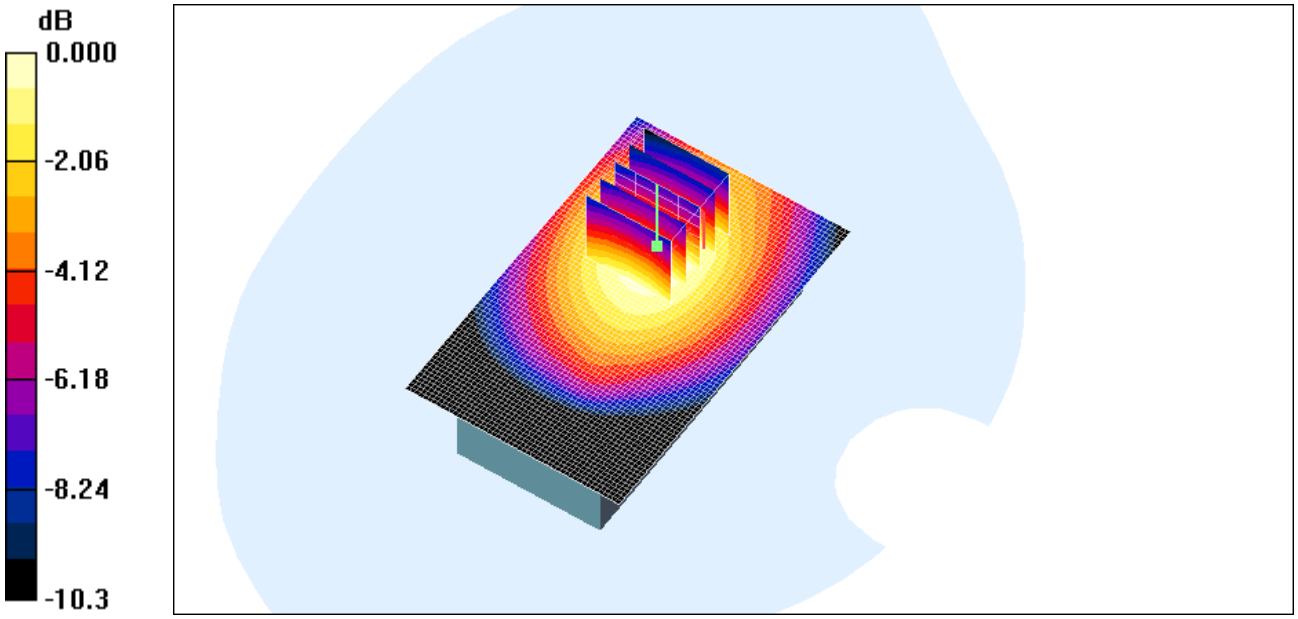
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.933 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.2 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.683 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Date/Time: 02/12/2008 1:41:59 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_Headset_CDMA800_mid_chan_amb_temp_23.9_liq_temp_22.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.946 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

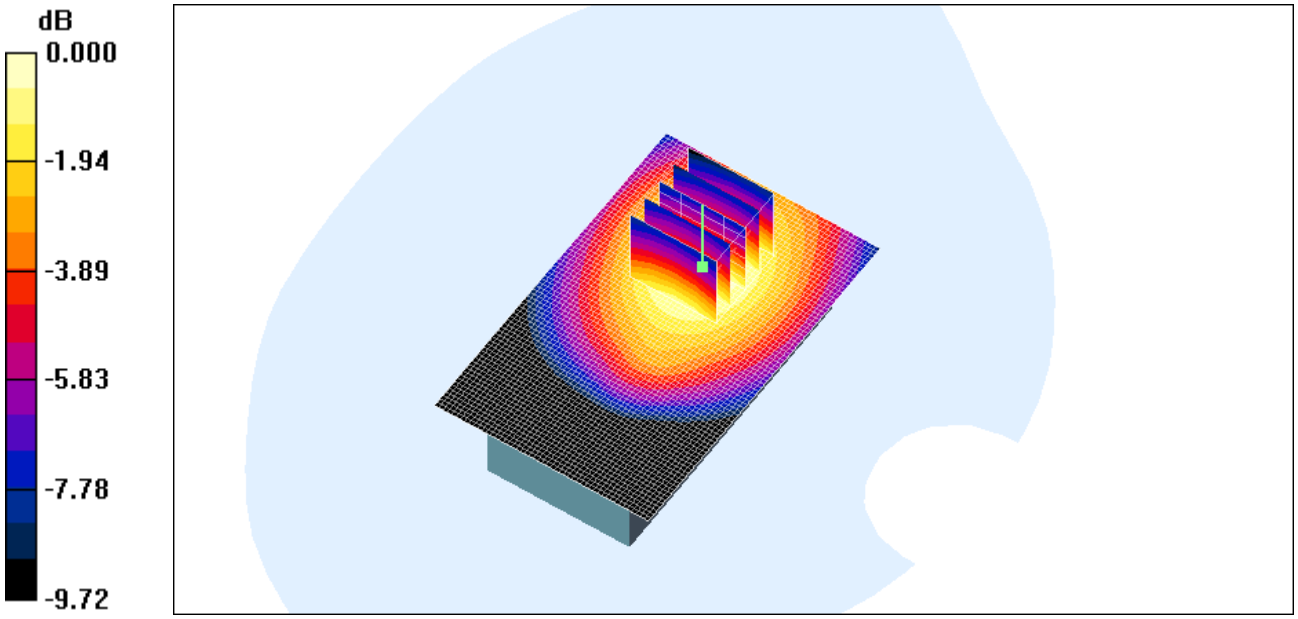
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Middle/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

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.600 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.894 mW/g



0 dB = 0.894mW/g

Date/Time: 02/12/2008 3:47:09 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_Headset_CDMA800_high_chan_amb_temp_22.9_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 848.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 848.52 MHz; σ = 0.957 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

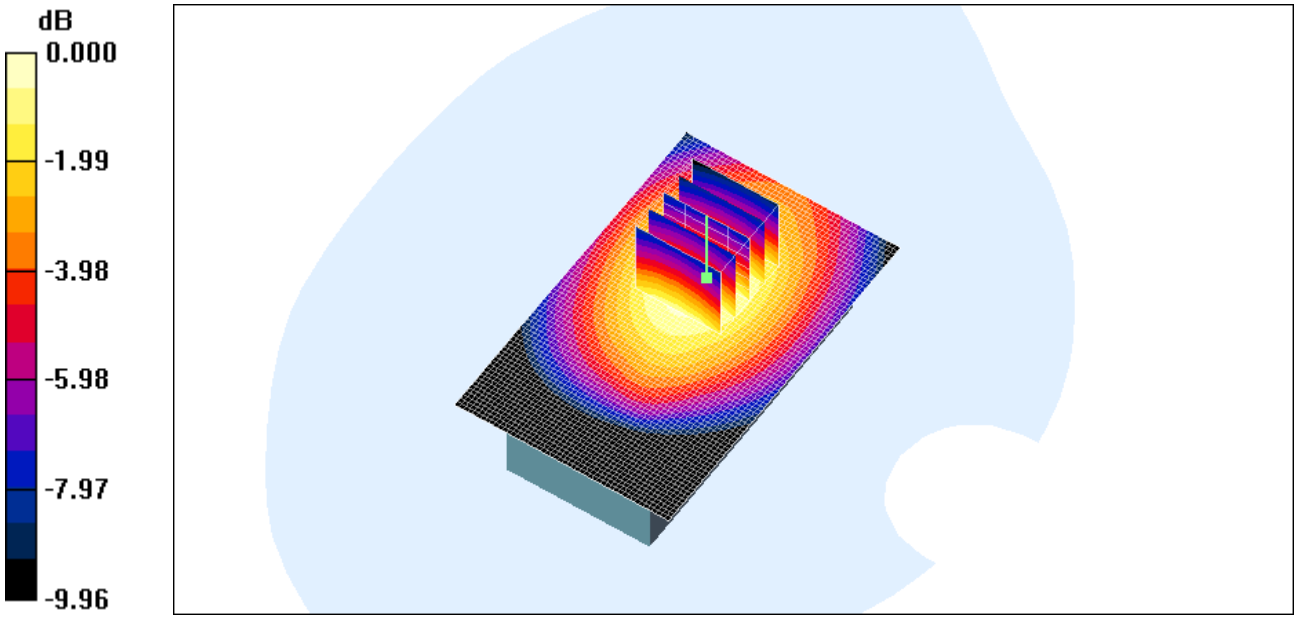
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.627 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.416 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.622 mW/g



0 dB = 0.622mW/g

Date/Time: 02/12/2008 2:11:35 PM

Test Laboratory: RTS
File Name:
Leather_Holster_Back_CDMA800_low_chan_amb_temp_23.8_liq_temp_22.7C.da4

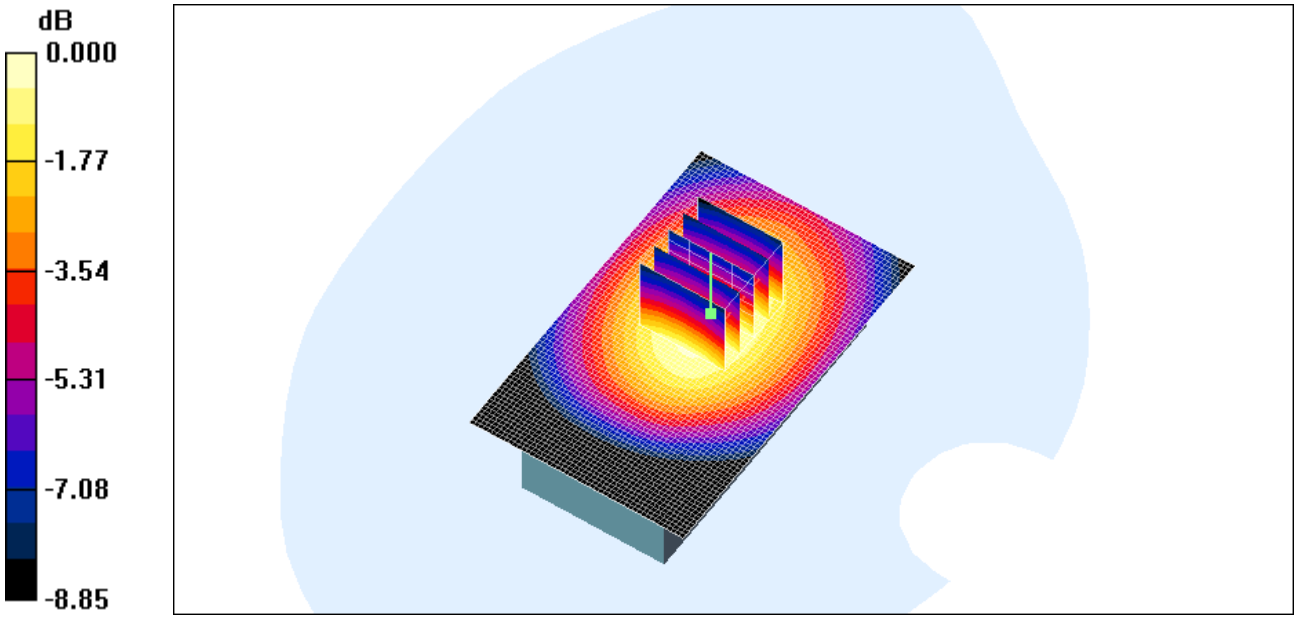
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.933 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.801 mW/g

Body - 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) = 0.950 W/kg
SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.556 mW/g
Maximum value of SAR (measured) = 0.815 mW/g



0 dB = 0.815mW/g

Date/Time: 02/12/2008 1:57:23 PM

Test Laboratory: RTS
File Name:
Leather_Holster_Back_CDMA800_mid_chan_amb_temp_23.7_liq_temp_22.6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.946 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

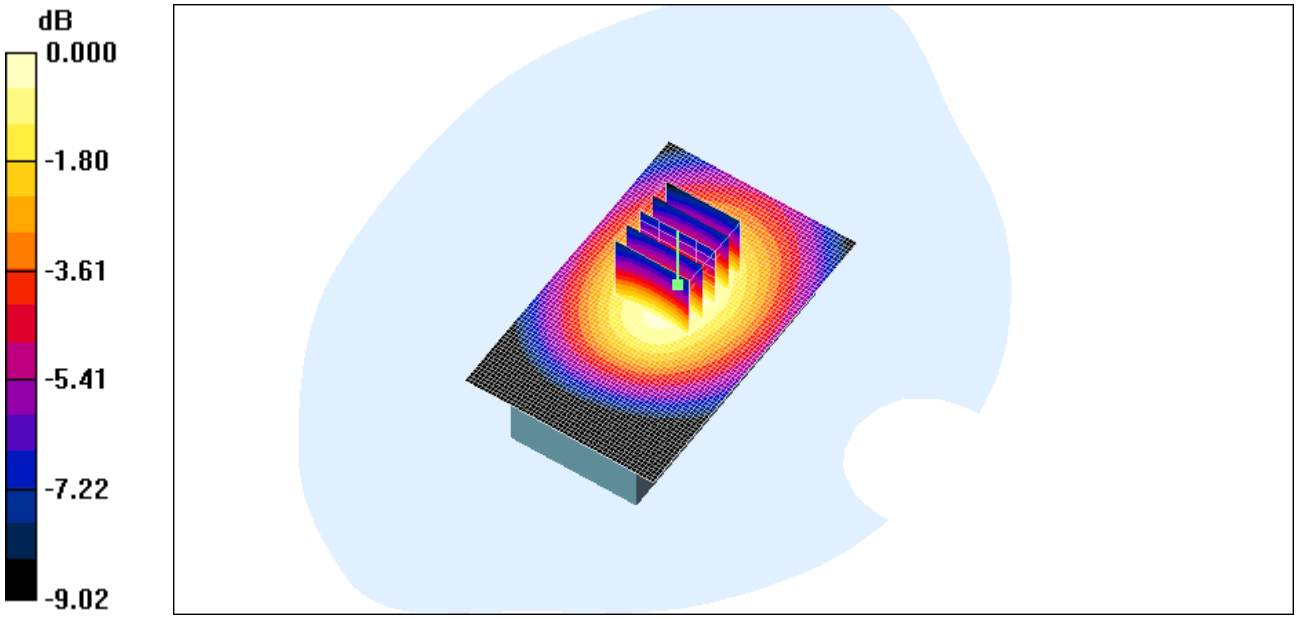
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.3 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.592 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.862 mW/g



0 dB = 0.862mW/g

Date/Time: 02/12/2008 2:31:06 PM

Test Laboratory: RTS
File Name:
Leather_Holster_Back_CDMA800_high_chan_amb_temp_23.8_liq_temp_22.6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 848.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 848.52 MHz; σ = 0.957 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

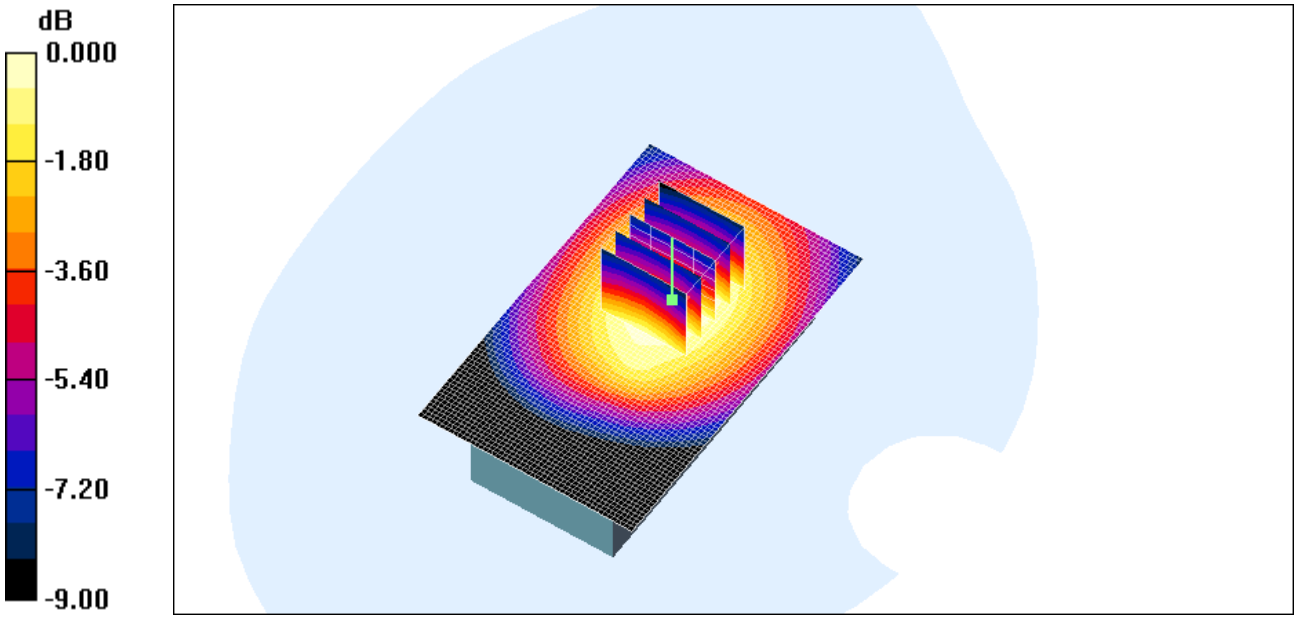
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.589 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.1 V/m; Power Drift = -0.291 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.386 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.565 mW/g



0 dB = 0.565mW/g

Date/Time: 02/12/2008 2:47:59 PM

Test Laboratory: RTS
File Name:
Leather_Holster_Front_CDMA800_mid_chan_amb_temp_23.8_liq_temp_22.5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.946 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

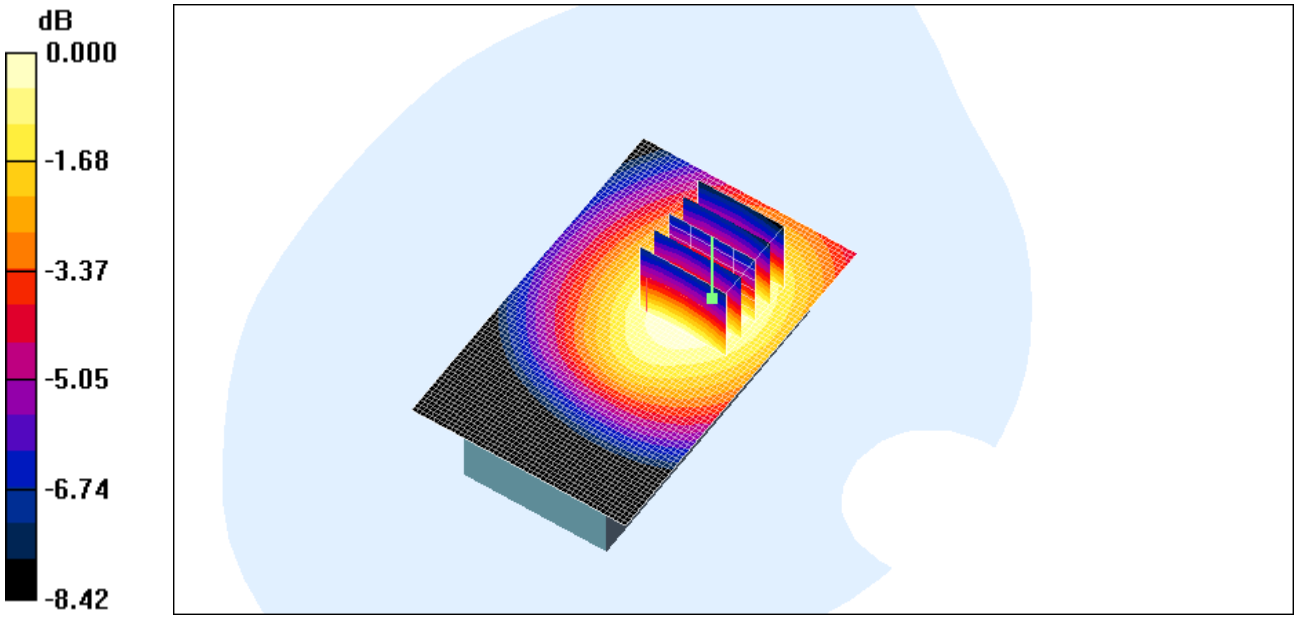
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.413 mW/g

Body - 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 = 0.012 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.288 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.407 mW/g



0 dB = 0.407mW/g

Date/Time: 02/12/2008 4:06:15 PM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_CDMA800_mid_chan_amb_temp_22.8_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.946 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

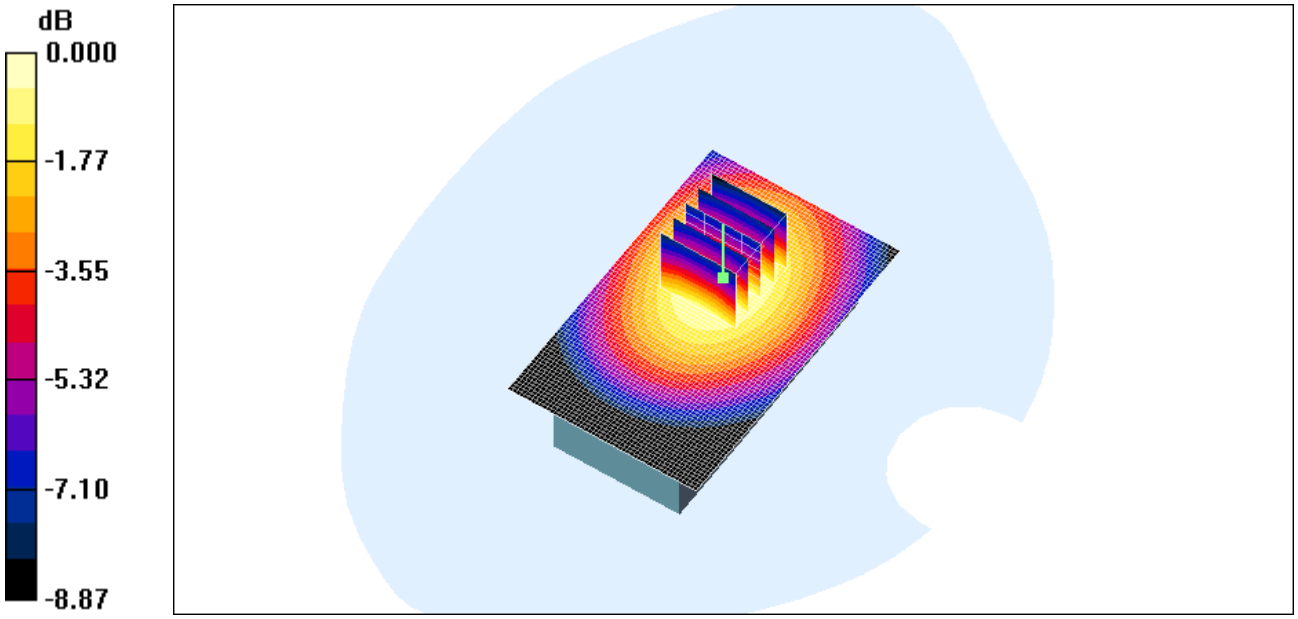
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(6.13, 6.13, 6.13); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.742 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.4 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.507 mW/g

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



0 dB = 0.743mW/g

Date/Time: 28/11/2008 2:38:05 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_CDMA1900_low_chan_amb_temp_23.3_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.53 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

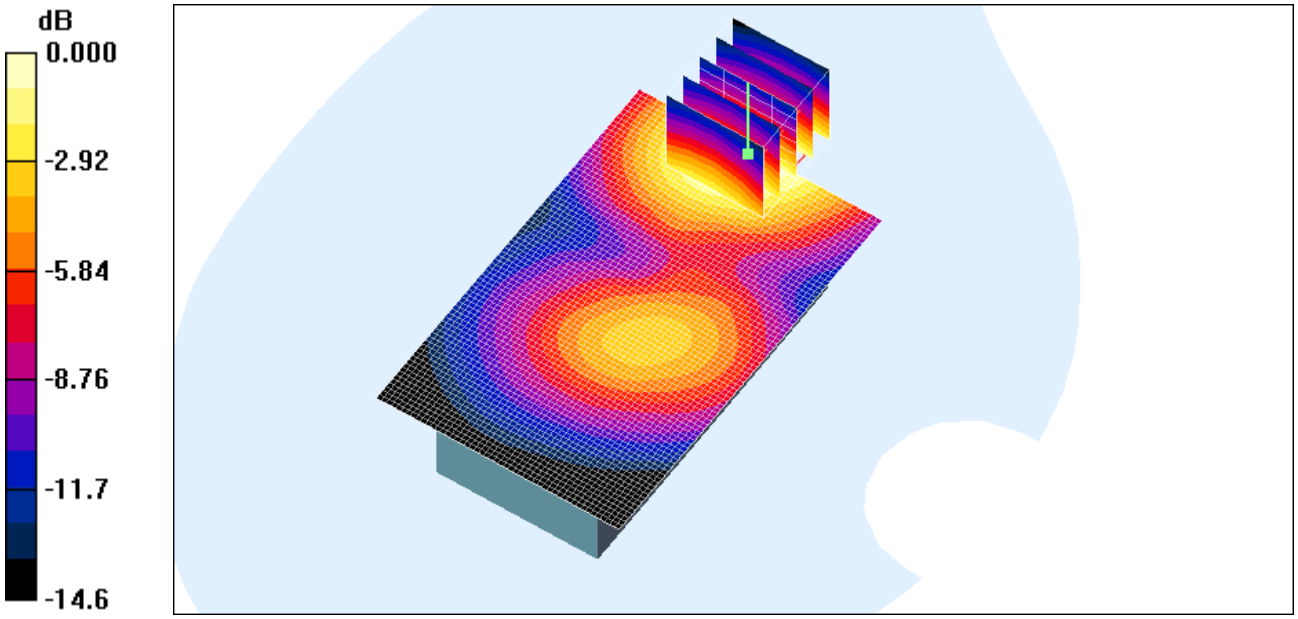
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.85, 4.85, 4.85); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.707 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.244 dB
Peak SAR (extrapolated) = 0.992 W/kg
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.389 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.675 mW/g



0 dB = 0.675mW/g

Date/Time: 28/11/2008 2:54:11 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_CDMA1900_mid_chan_amb_temp_23.4_liq_temp_22.4C.da4

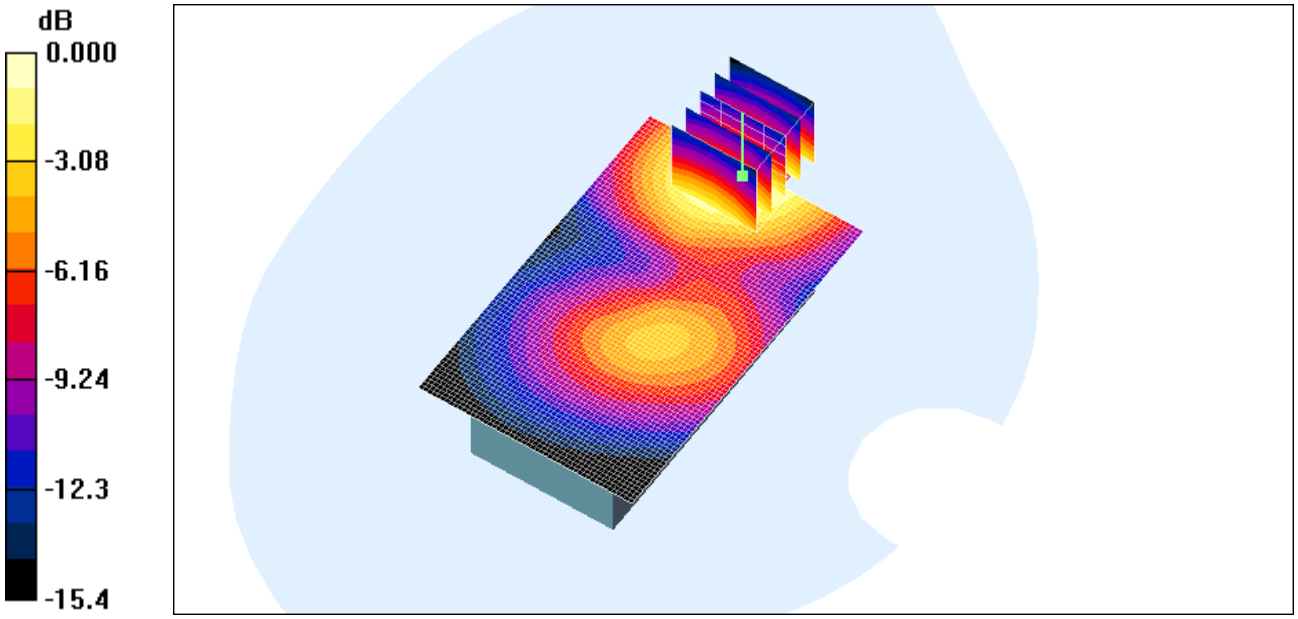
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.85, 4.85, 4.85); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.7 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

Date/Time: 28/11/2008 3:09:25 PM

Test Laboratory: RTS
File Name:
Plastic_Holster_Back_CDMA1900_high_chan_amb_temp_22.9_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1908.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1908.5 MHz; σ = 1.58 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

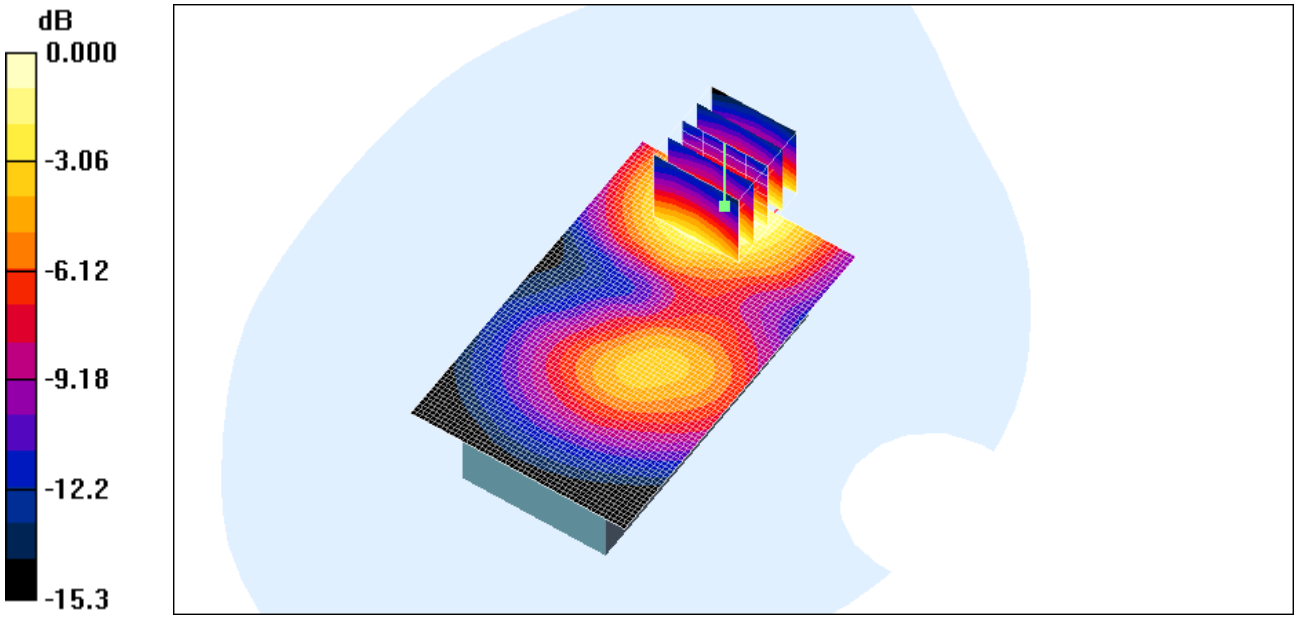
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.85, 4.85, 4.85); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.541 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.289 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.517 mW/g



0 dB = 0.517mW/g

Date/Time: 01/12/2008 10:44:40 AM

Test Laboratory: RTS
File Name:
Leather_Holster_Back_CDMA1900_mid_chan_amb_temp_24.6_liq_temp_23.5C.da4

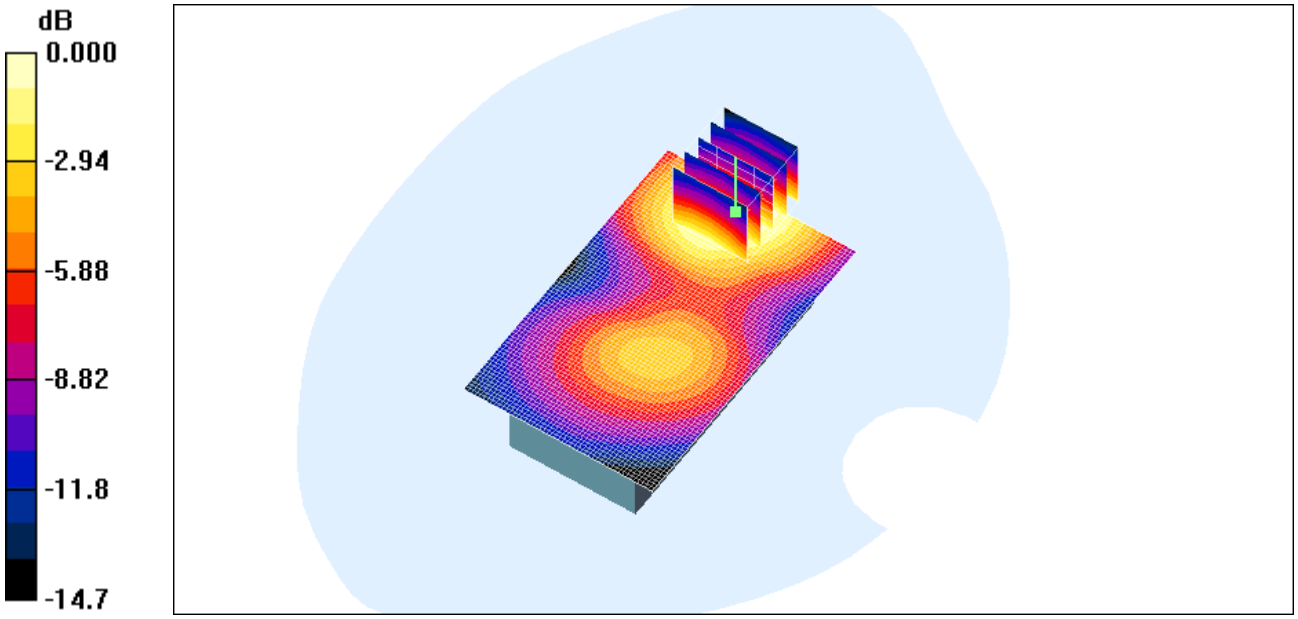
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.85, 4.85, 4.85); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.578 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.823 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.571 mW/g



0 dB = 0.571mW/g

Date/Time: 01/12/2008 11:00:01 AM

Test Laboratory: RTS
File Name:
Leather_Holster_Front_CDMA1900_mid_chan_amb_temp_24.4_liq_temp_23.2C.da4

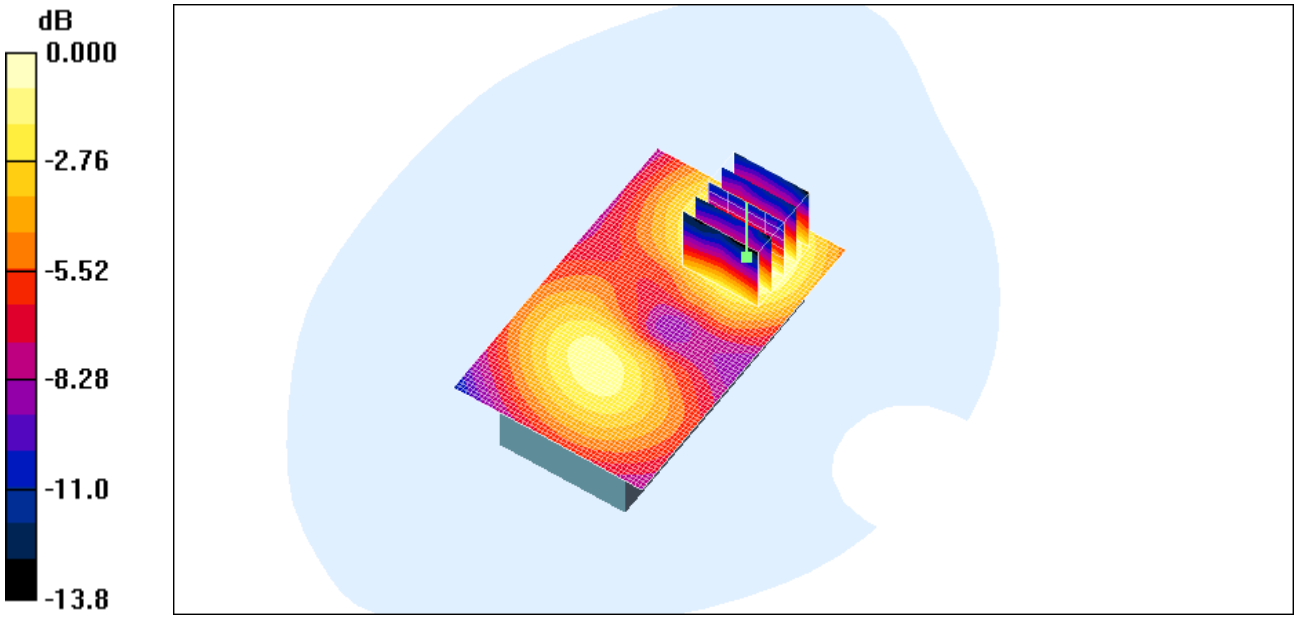
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.85, 4.85, 4.85); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.325 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.91 V/m; Power Drift = 0.095 dB
Peak SAR (extrapolated) = 0.465 W/kg
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.316 mW/g



0 dB = 0.316mW/g

Date/Time: 01/12/2008 11:16:29 AM

Test Laboratory: RTS
File Name:
Flip_Holster_Back_CDMA1900_mid_chan_amb_temp_23.8_liq_temp_22.9C.da4

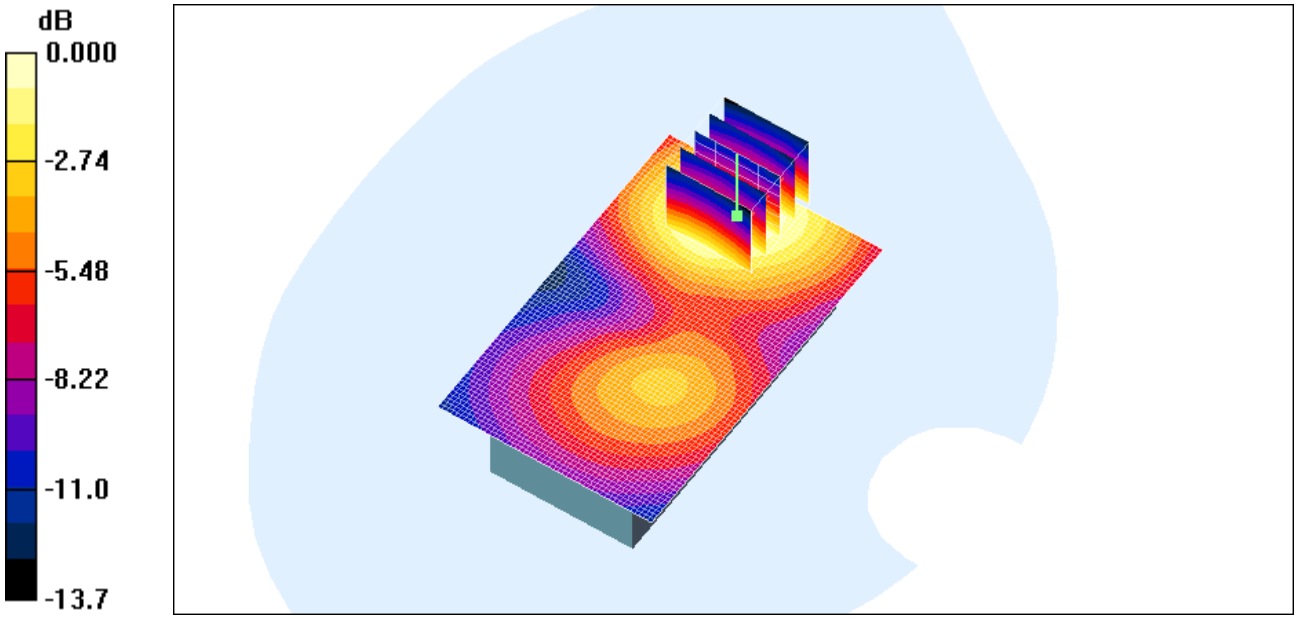
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.85, 4.85, 4.85); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.373 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.63 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.373 mW/g



0 dB = 0.373mW/g

Date/Time: 01/12/2008 11:35:16 AM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_CDMA1900_mid_chan_amb_temp_23.3_liq_temp_22.5C.da4

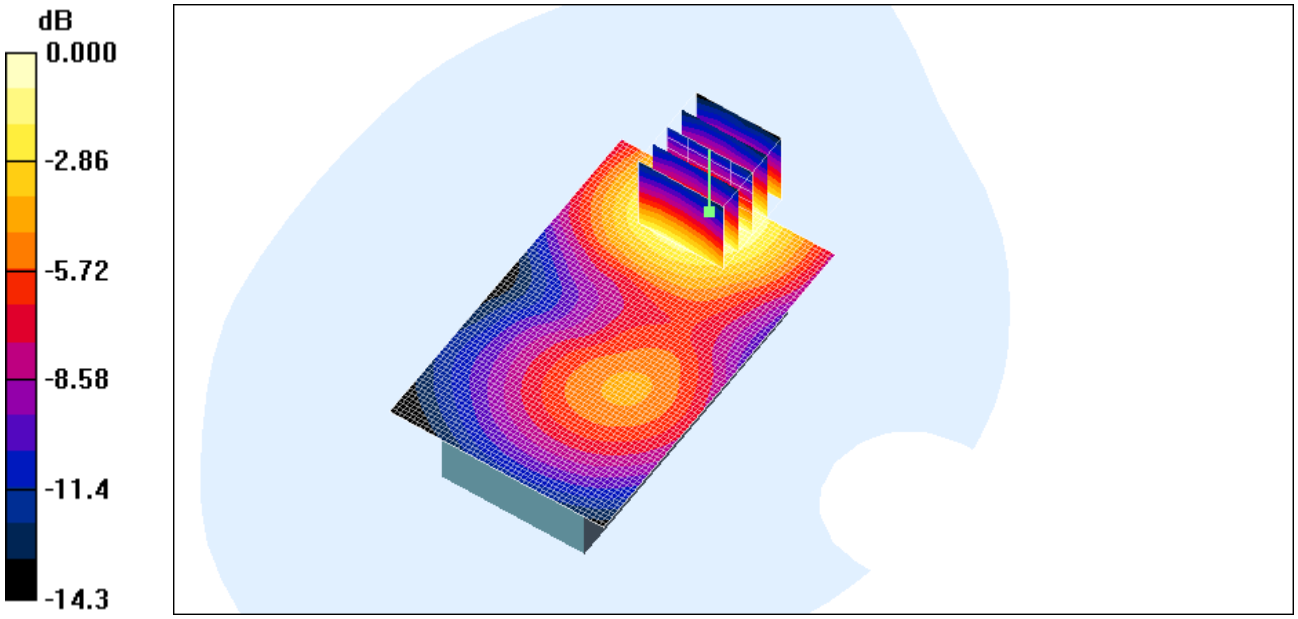
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 3048F4CB
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.85, 4.85, 4.85); Calibrated: 18/01/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 05/03/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Body - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.501 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.39 V/m; Power Drift = 0.223 dB
Peak SAR (extrapolated) = 0.768 W/kg
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.521 mW/g



0 dB = 0.521mW/g

Z axis plots for the worst case body worn configuration: