APPENDIX C: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

Date/Time: 19/03/2009 9:53:38 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS850_low_chan_amb_temp_23.5C_liq_temp_22.8C.da4

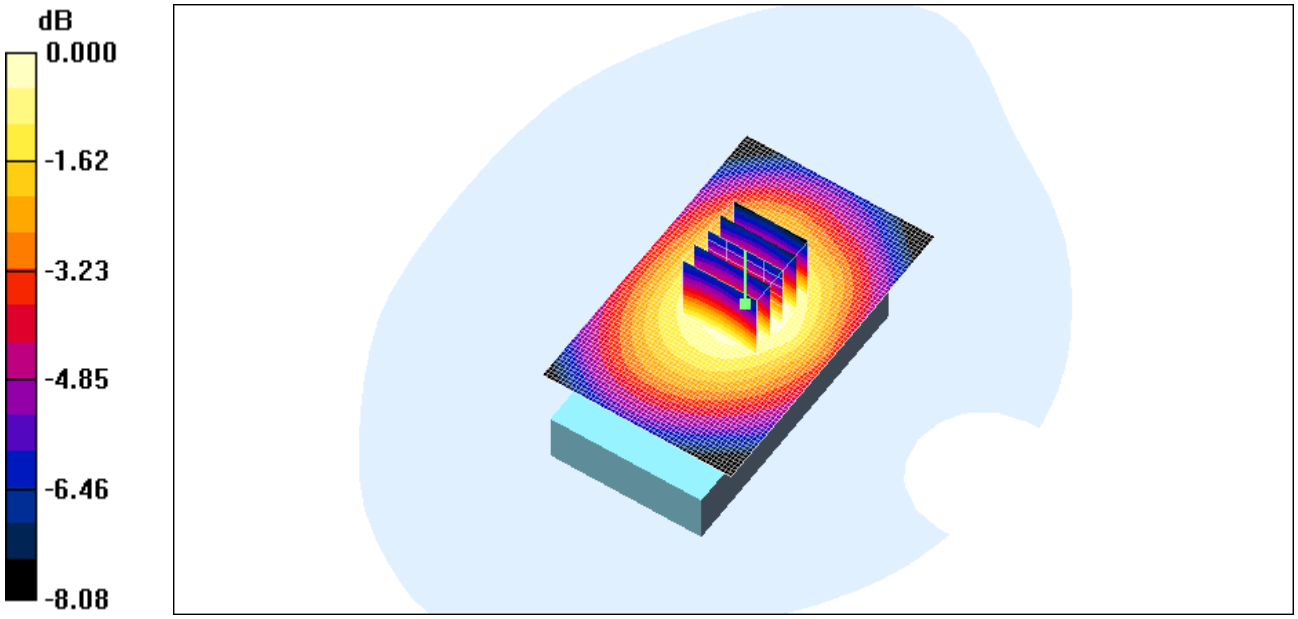
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 825 MHz; σ = 0.934 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- 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) = 0.355 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.0 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.405 W/kg
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

Date/Time: 19/03/2009 10:09:45 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS850_mid_chan_amb_temp_24.1C_liq_temp_23.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 836.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.946 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

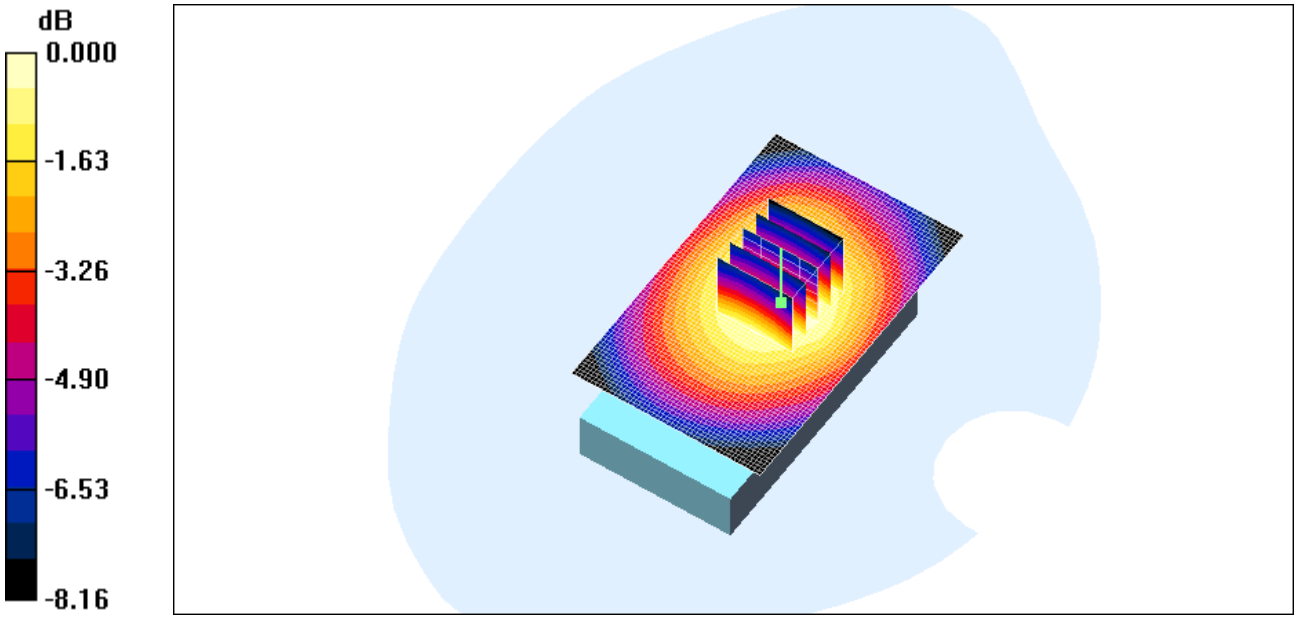
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.391 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.273 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.388mW/g

Date/Time: 19/03/2009 10:24:57 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS850_high_chan_amb_temp_24.0C_liq_temp_23.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 848.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.959 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

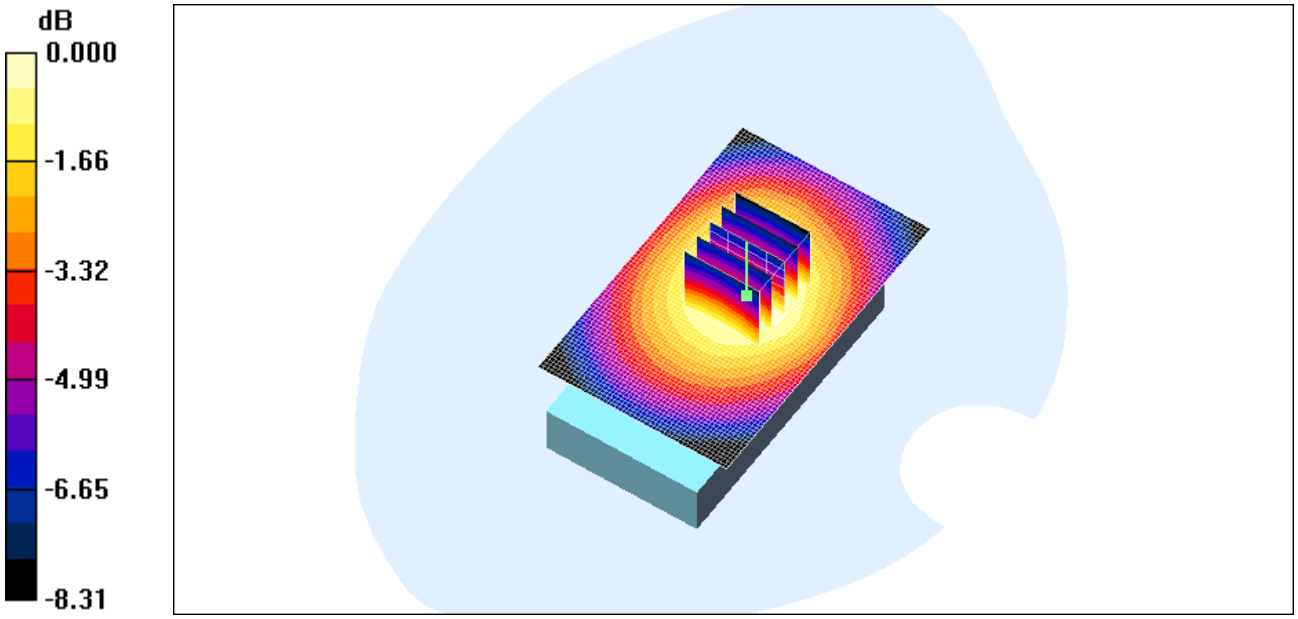
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.344 mW/g

Body - 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 = -0.009 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.239 mW/g

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



0 dB = 0.340mW/g

Date/Time: 19/03/2009 11:33:04 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_Headset_GPRS850_mid_chan_amb_temp_23.3C_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 836.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.946 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

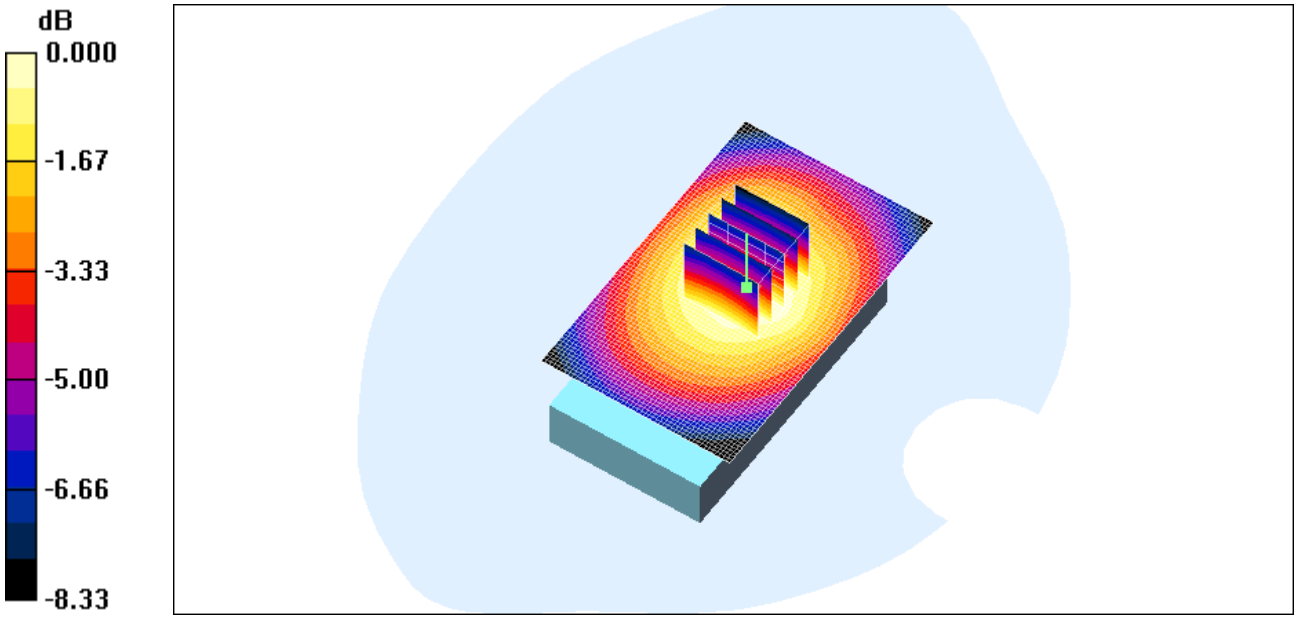
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.344 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.241 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.341 mW/g



0 dB = 0.341mW/g

Date/Time: 19/03/2009 10:39:51 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Front_GPRS850_mid_chan_amb_temp_23.5C_liq_temp_22.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 836.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.946 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

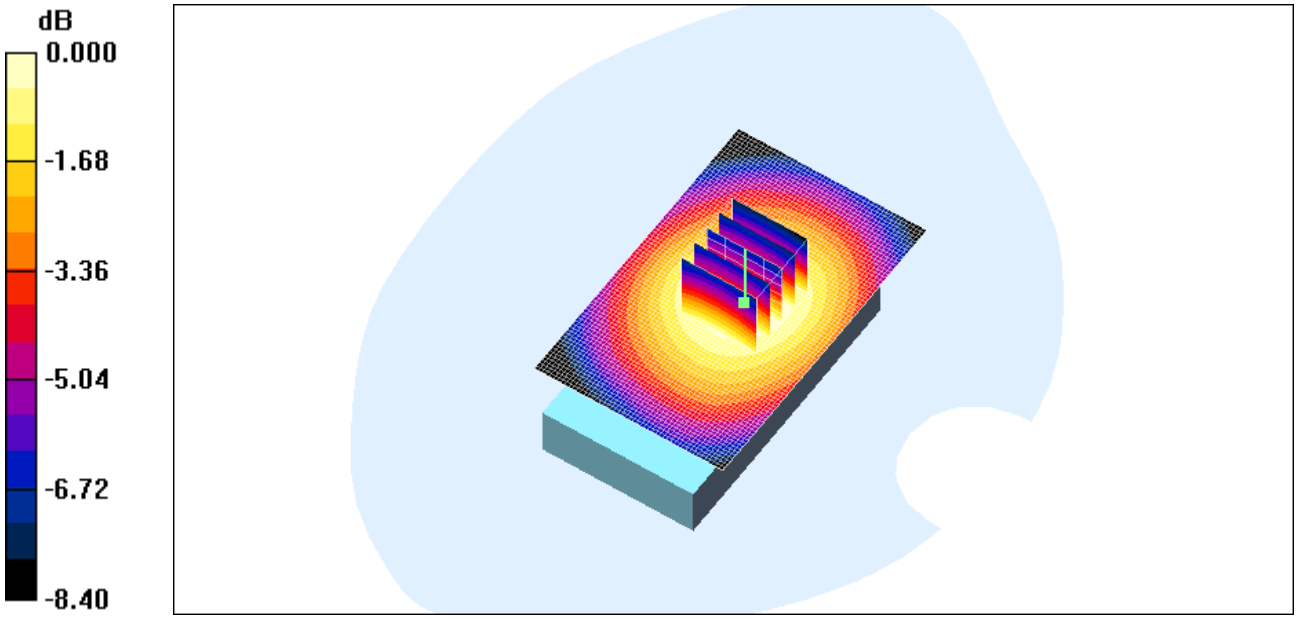
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.442 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 0.507 W/kg
SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.311 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.442 mW/g



0 dB = 0.442mW/g

Date/Time: 19/03/2009 10:56:03 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS850_mid_chan_amb_temp_23.3C_liq_temp_22.6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 836.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.946 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

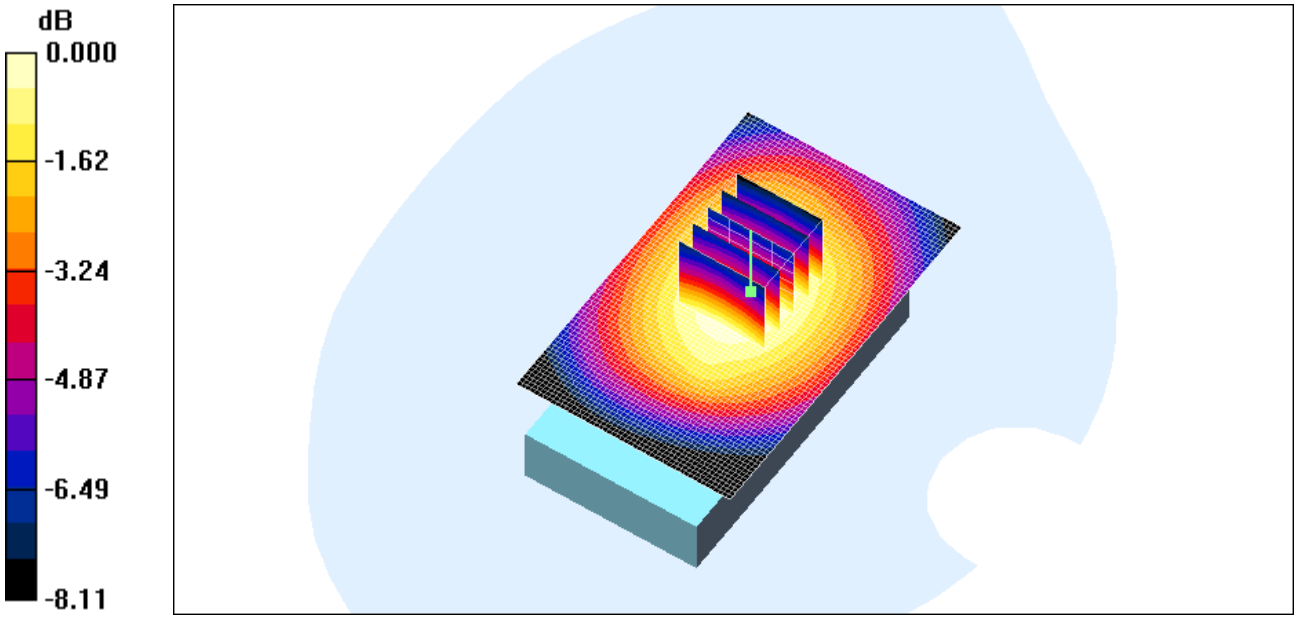
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.348 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.246 mW/g

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



0 dB = 0.343mW/g

Date/Time: 19/03/2009 11:10:55 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_GPRS850_mid_chan_amb_temp_23.3C_liq_temp_22.5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 836.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.946 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

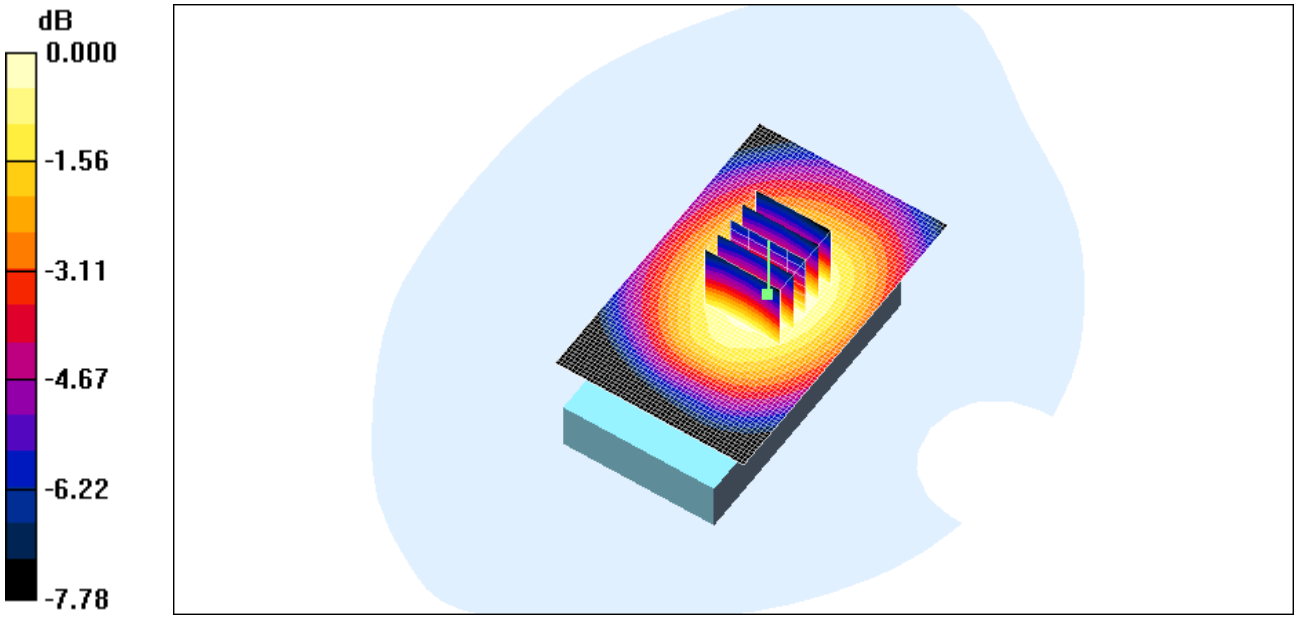
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.444 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.317 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.436mW/g

Date/Time: 20/03/2009 12:06:14 AM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_GPRS850_mid_chan_amb_temp_23.9C_liq_temp_22.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GSM 850; Frequency: 836.8 MHz;Duty Cycle: 1:8.3
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.946 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

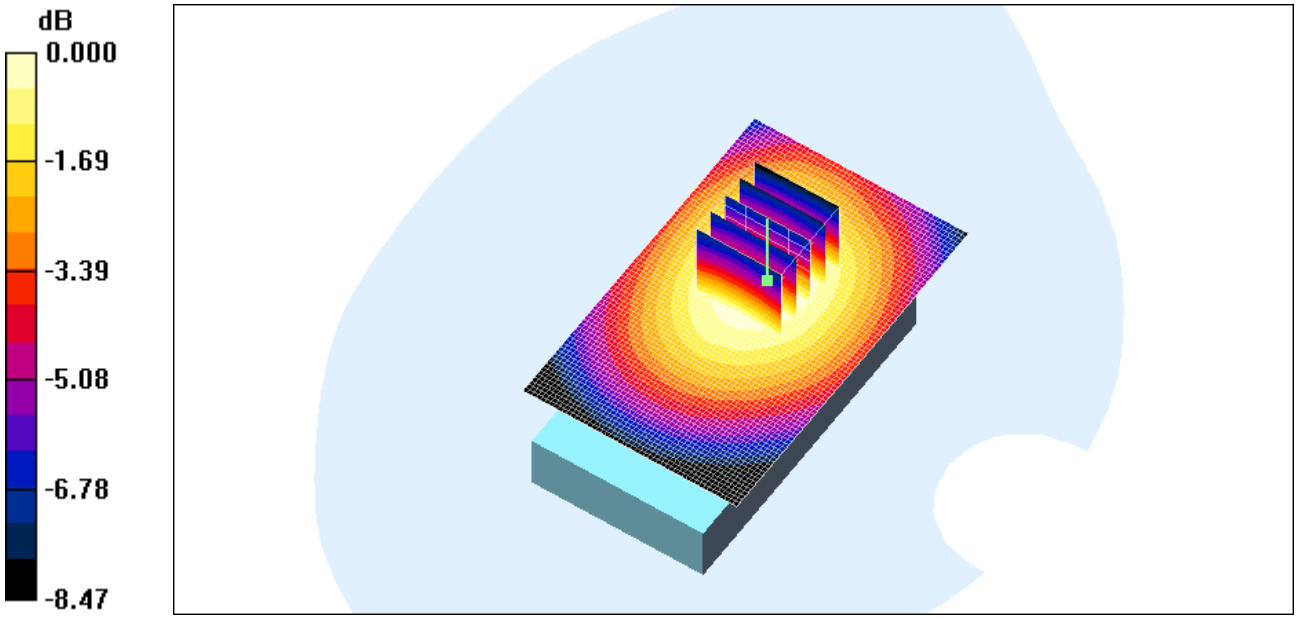
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.330 mW/g

Body - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.227 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.324 mW/g



0 dB = 0.324mW/g

Date/Time: 04/05/2009 9:07:21 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Back_GPRS850_low_chan_amb_temp_22.8C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

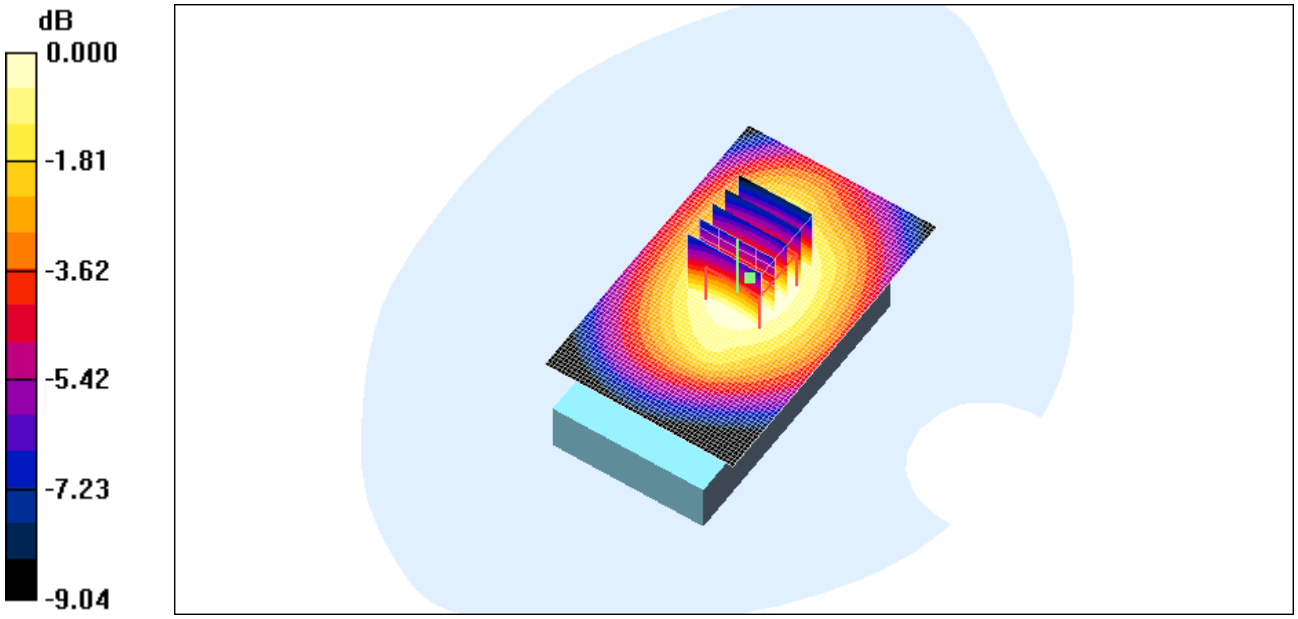
Communication System: GPRS 850 (3 slots); Frequency: 824.2 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 825 MHz; σ = 0.924 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.446 mW/g

Body - 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 = 0.030 dB
Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.433 mW/g



0 dB = 0.433mW/g

Date/Time: 04/05/2009 9:32:40 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Back_GPRS850_mid_chan_amb_temp_23.4C_liq_temp_22.5C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 836.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.937 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

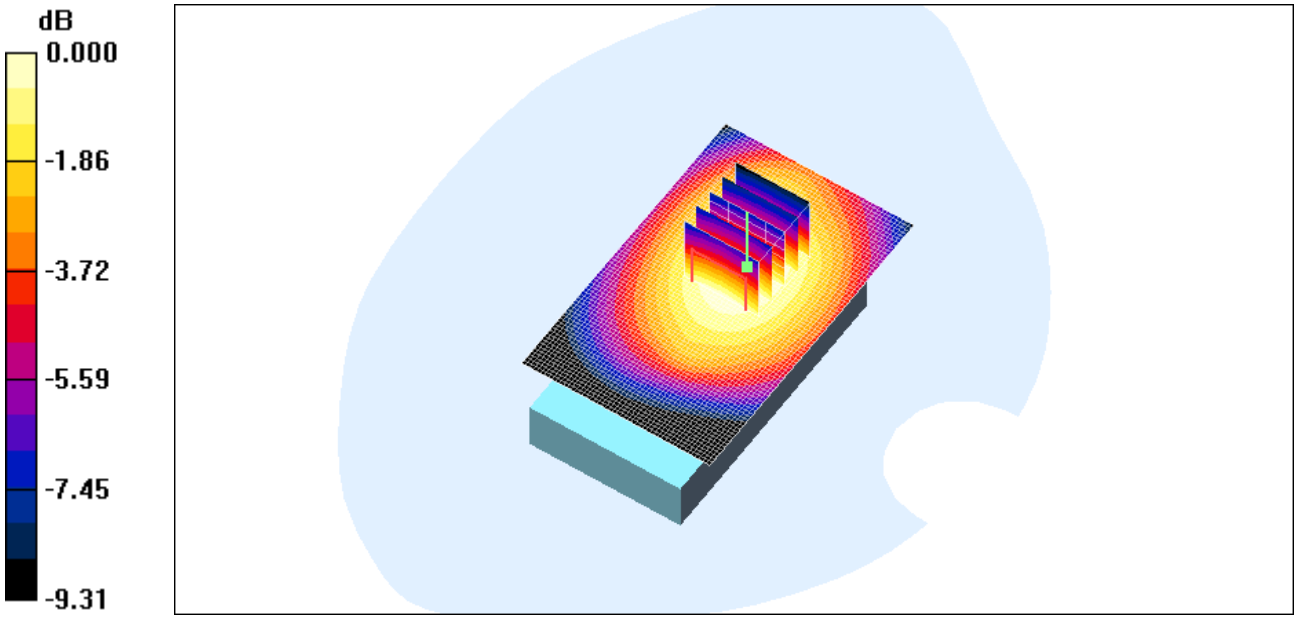
Body - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.504 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.7 V/m; Power Drift = 0.390 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.352 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g

Date/Time: 04/05/2009 9:58:01 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Back_GPRS850_high_chan_amb_temp_23.4C_liq_temp_22.6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 850 (3 slots); Frequency: 848.8 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

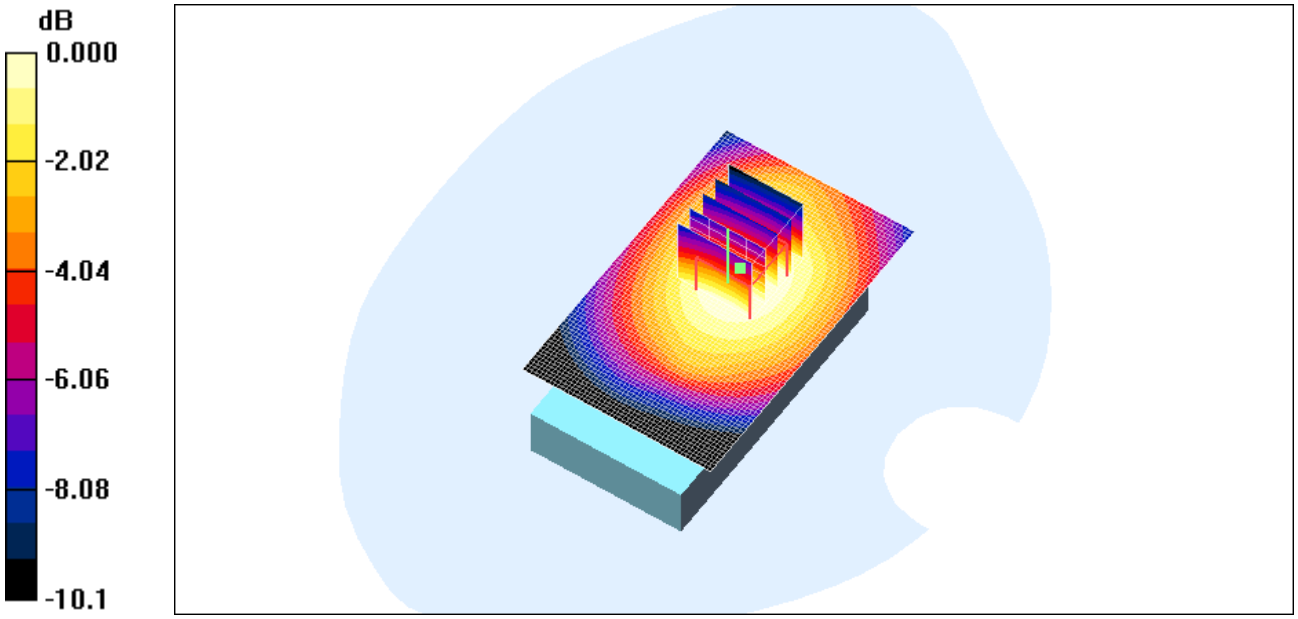
Body - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.471 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.153 dB
Peak SAR (extrapolated) = 0.549 W/kg
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.318 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.451 mW/g



0 dB = 0.451mW/g

Date/Time: 10/03/2009 1:43:45 AM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS1900_high_chan_amb_temp_24.1C_liq_temp_22.9C.da4

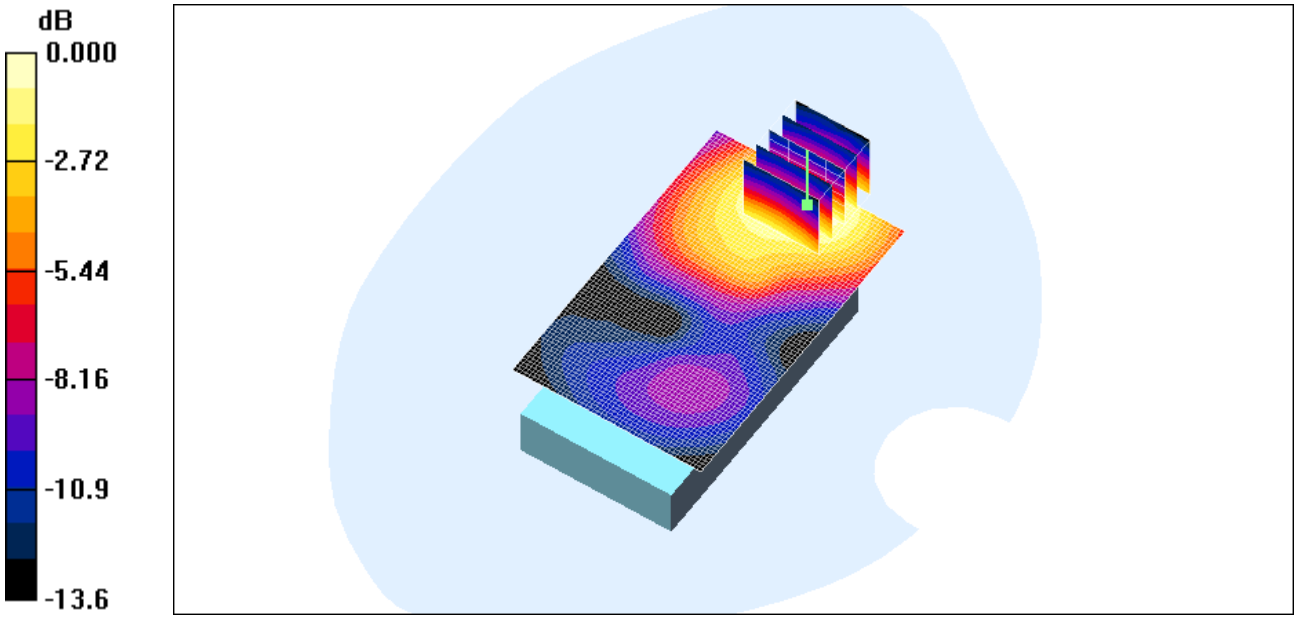
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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
Maximum value of SAR (interpolated) = 0.383 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.41 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.393 mW/g



0 dB = 0.393mW/g

Date/Time: 25/03/2009 12:53:18 AM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS1900_3_slots_high_chan_amb_temp_24.2C_liq_temp_23.5C.da4

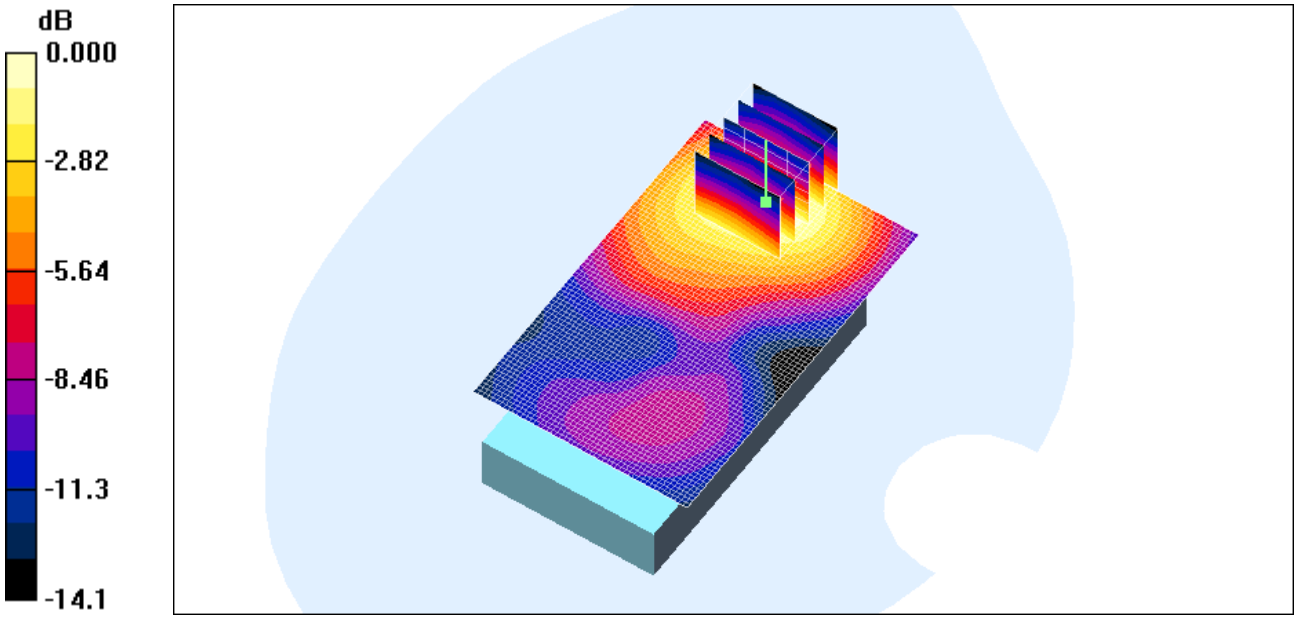
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1910 MHz; σ = 1.59 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- 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
Maximum value of SAR (interpolated) = 0.366 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.86 V/m; Power Drift = -1.56 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.360 mW/g



0 dB = 0.360mW/g

Date/Time: 25/03/2009 1:09:29 AM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_GPRS1900_4_slots_high_chan_amb_temp_24.2C_liq_temp_23.4C.da4

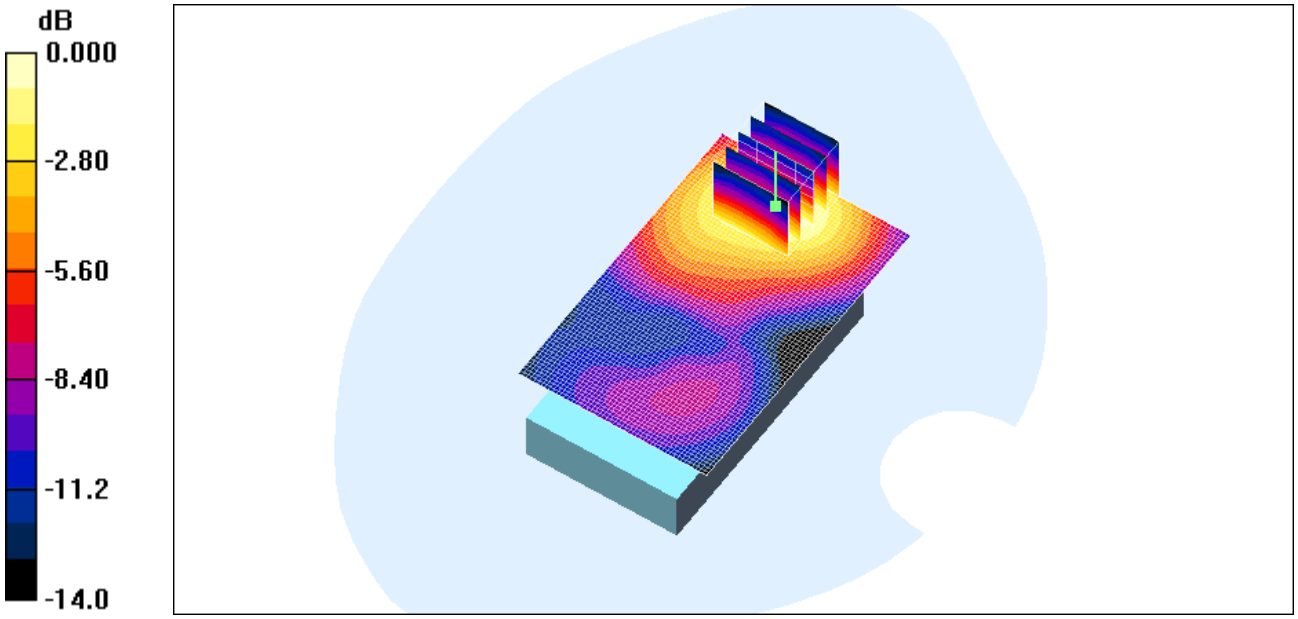
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (4-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.1
Medium parameters used: f = 1910 MHz; σ = 1.59 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- 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
Maximum value of SAR (interpolated) = 0.412 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.28 V/m; Power Drift = -0.439 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.400 mW/g



0 dB = 0.400mW/g

Date/Time: 10/03/2009 1:58:48 AM

Test Laboratory: RTS
File Name:
Vertical_Front_GPRS1900_high_chan_amb_temp_24.0C_liq_temp_22.7C.da4

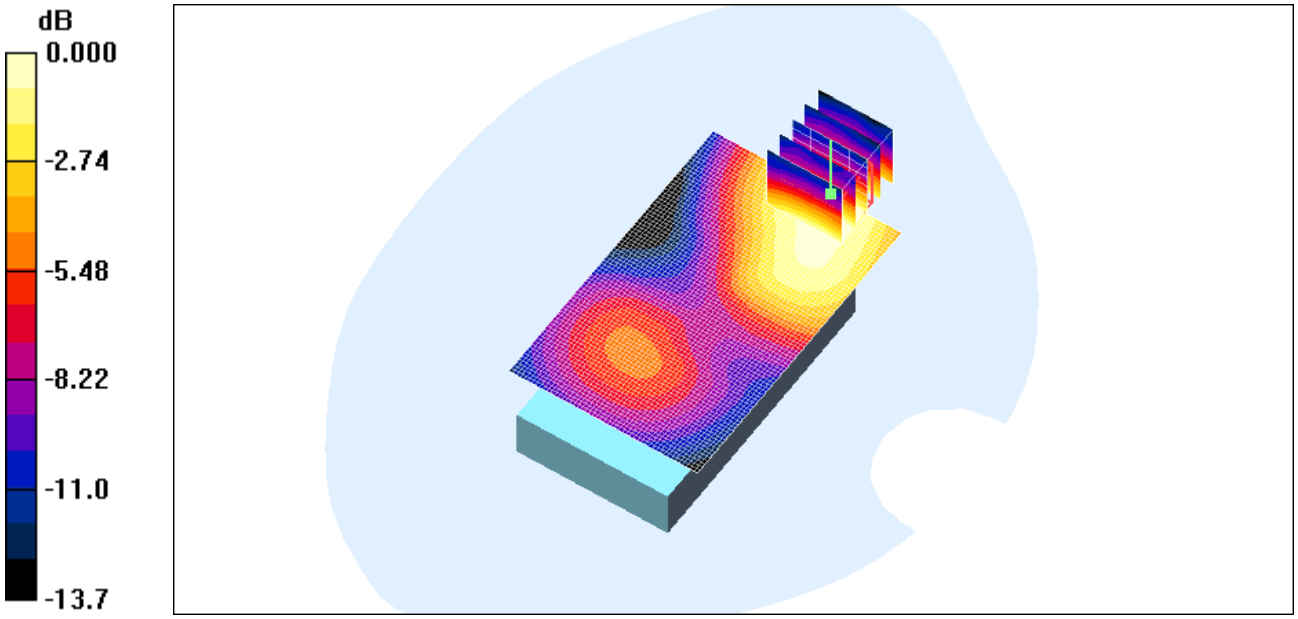
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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
Maximum value of SAR (interpolated) = 0.279 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.86 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.276mW/g

Date/Time: 09/03/2009 11:43:05 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS1900_low_chan_amb_temp_24.3C_liq_temp_23.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.51 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

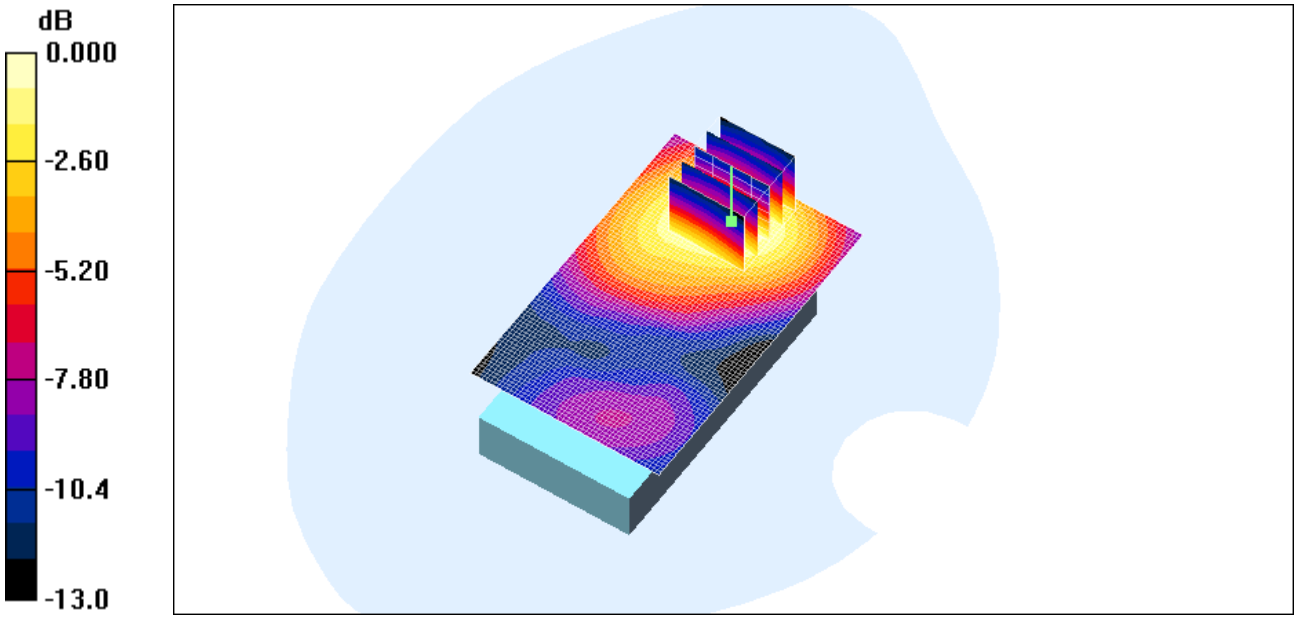
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.298 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.30 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.176 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.298 mW/g



0 dB = 0.298mW/g

Date/Time: 09/03/2009 11:58:04 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS1900_mid_chan_amb_temp_24.3C_liq_temp_23.1C.da4

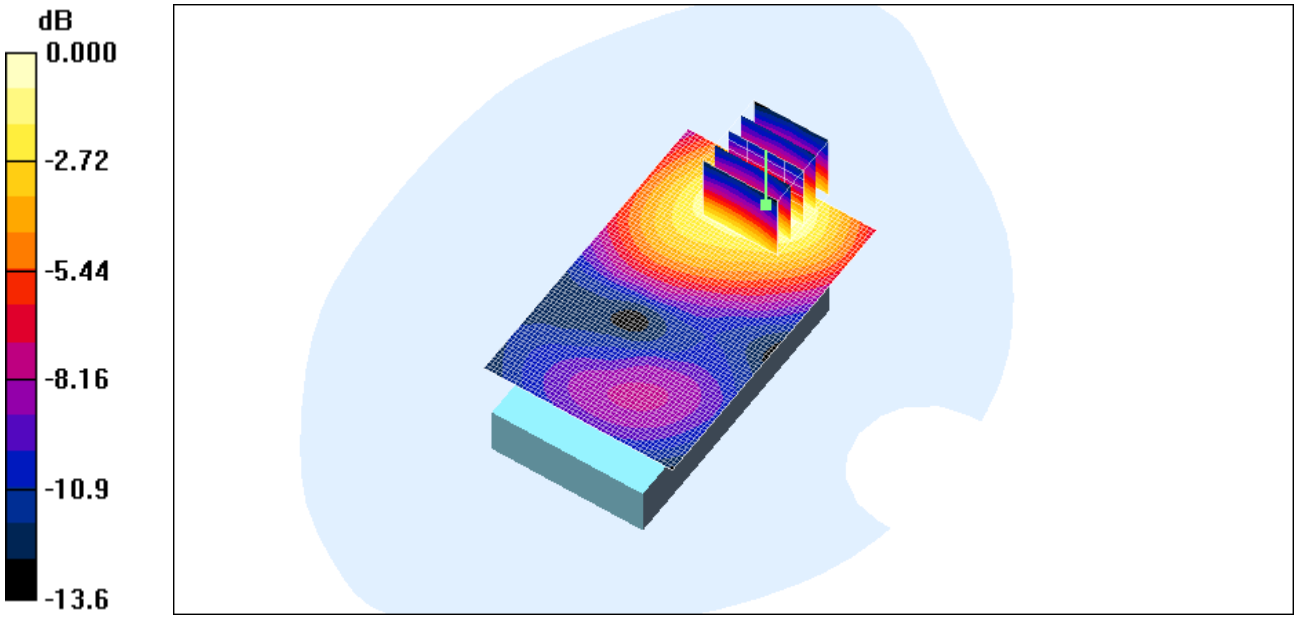
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

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 = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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) = 0.331 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.04 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.429 W/kg
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.327 mW/g



0 dB = 0.327mW/g

Date/Time: 10/03/2009 12:57:55 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS1900_high_chan_amb_temp_24.1C_liq_temp_22.8C.da4

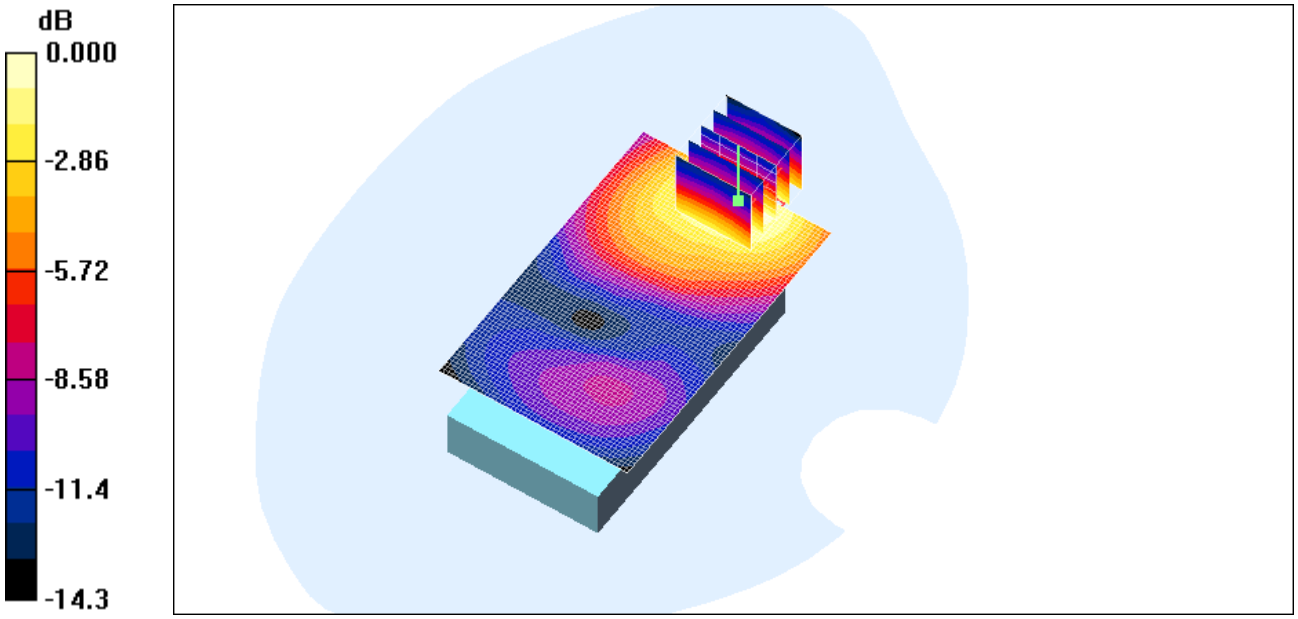
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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
Maximum value of SAR (interpolated) = 0.381 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.71 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.392mW/g

Date/Time: 10/03/2009 1:13:22 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_Headset_GPRS1900_high_chan_amb_temp_24.1C_liq_temp_22.9C.da4

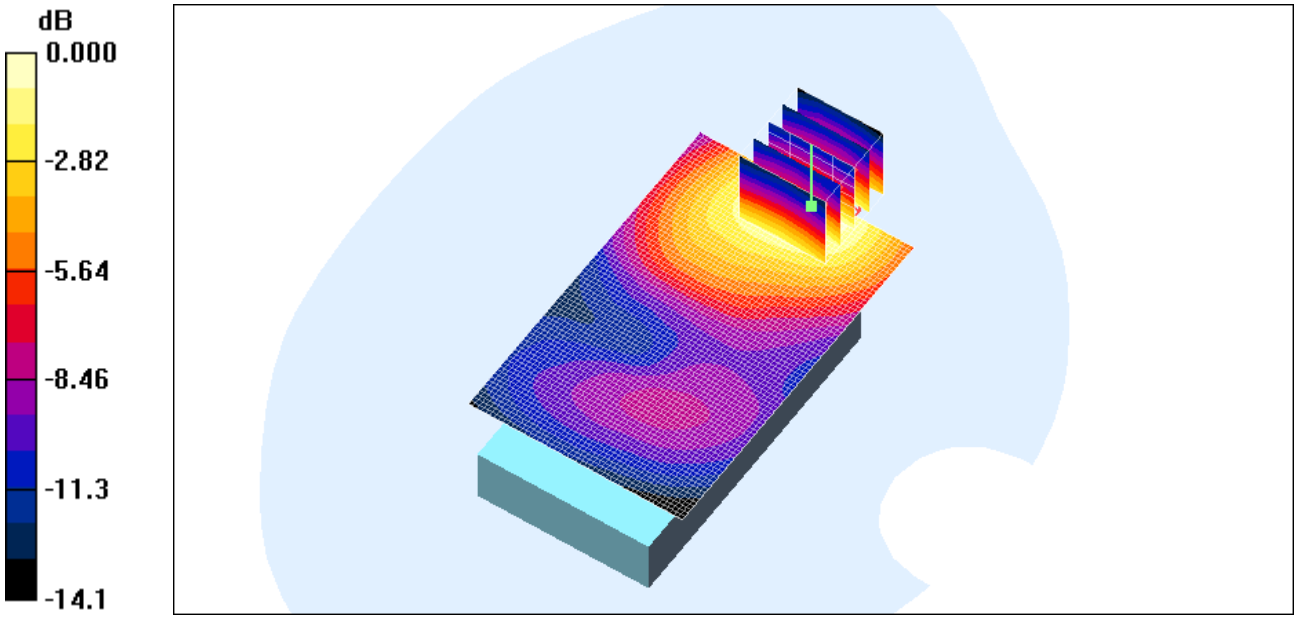
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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
Maximum value of SAR (interpolated) = 0.354 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.00 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.207 mW/g
Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g

Date/Time: 25/03/2009 1:25:24 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS1900_3_slots_high_chan_amb_temp_24.3C_liq_temp_23.4C.da4

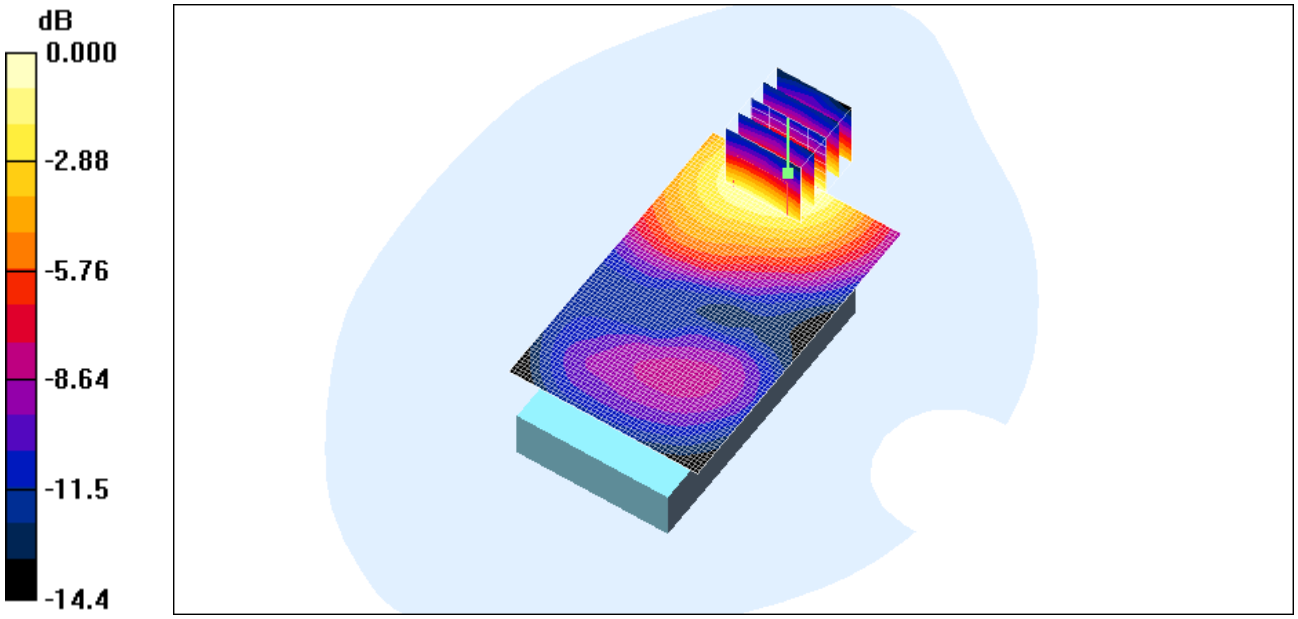
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1910 MHz; σ = 1.59 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- 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
Maximum value of SAR (interpolated) = 0.274 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.67 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.273mW/g

Date/Time: 25/03/2009 1:43:32 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_GPRS1900_4_slots_high_chan_amb_temp_24.2C_liq_temp_23.3C.da4

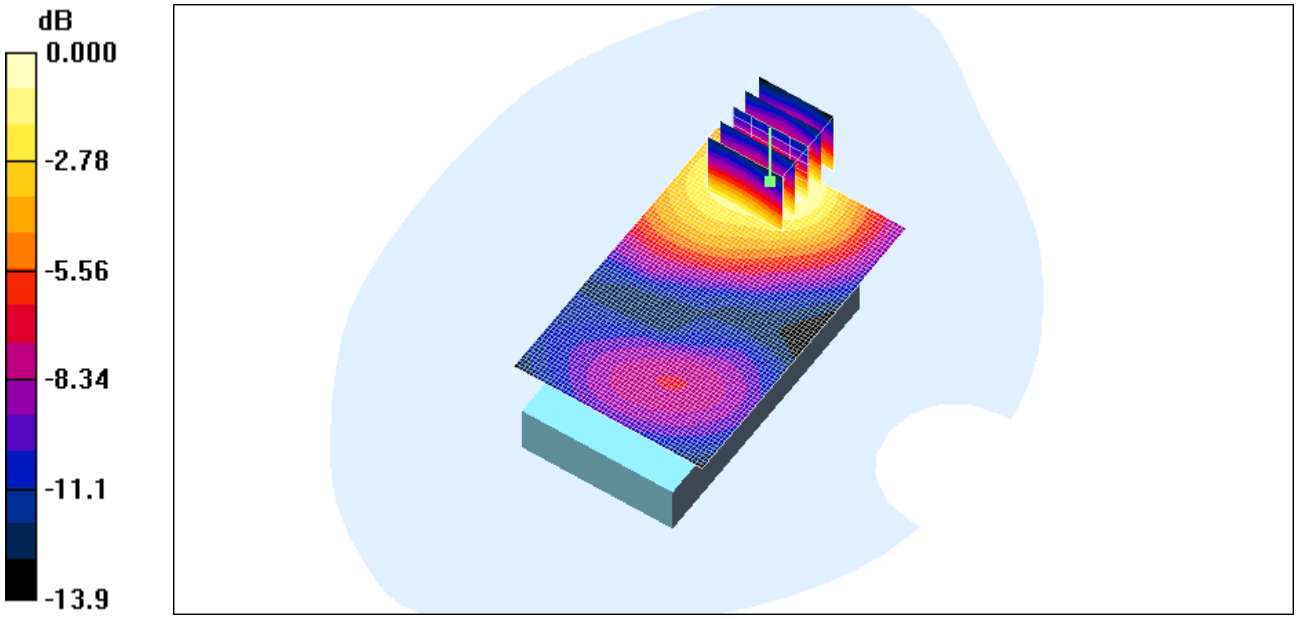
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (4-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.1
Medium parameters used: f = 1910 MHz; σ = 1.59 mho/m; ε_r = 50.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- 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
Maximum value of SAR (interpolated) = 0.271 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.40 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.279mW/g

Date/Time: 10/03/2009 1:29:02 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_GPRS1900_high_chan_amb_temp_24.1C_liq_temp_22.9C.da4

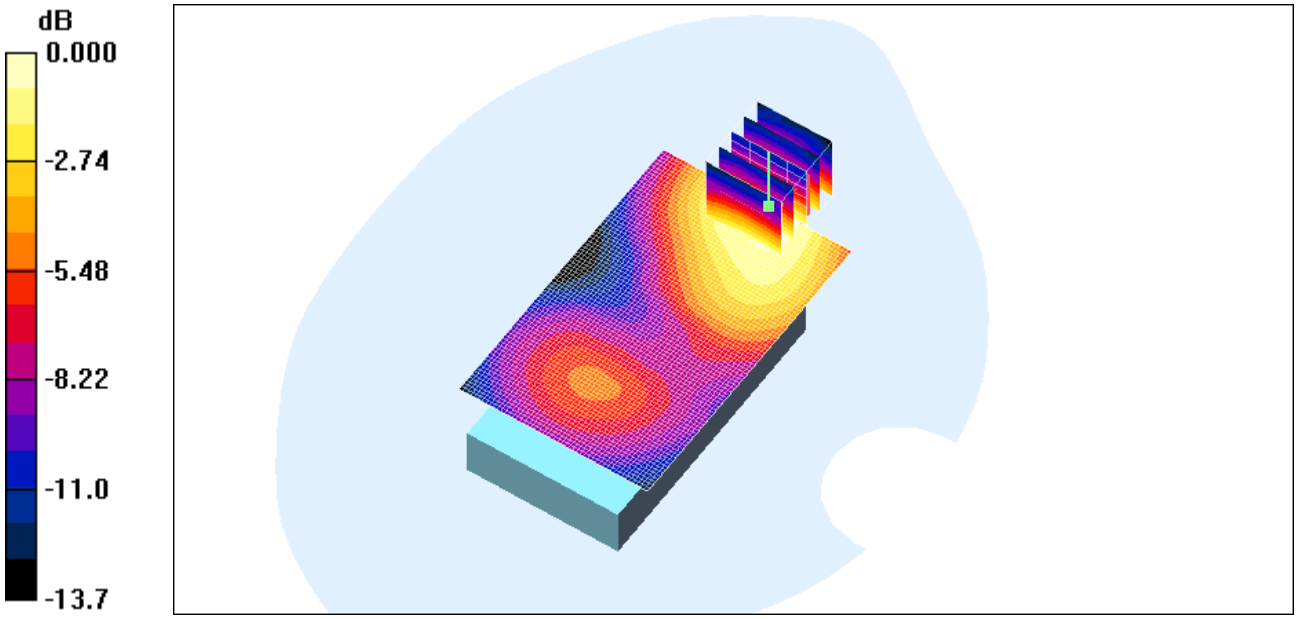
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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
Maximum value of SAR (interpolated) = 0.271 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.52 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.270 mW/g



0 dB = 0.270mW/g

Date/Time: 10/03/2009 2:14:48 AM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_GPRS1900_high_chan_amb_temp_24.0C_liq_temp_22.6C.da4

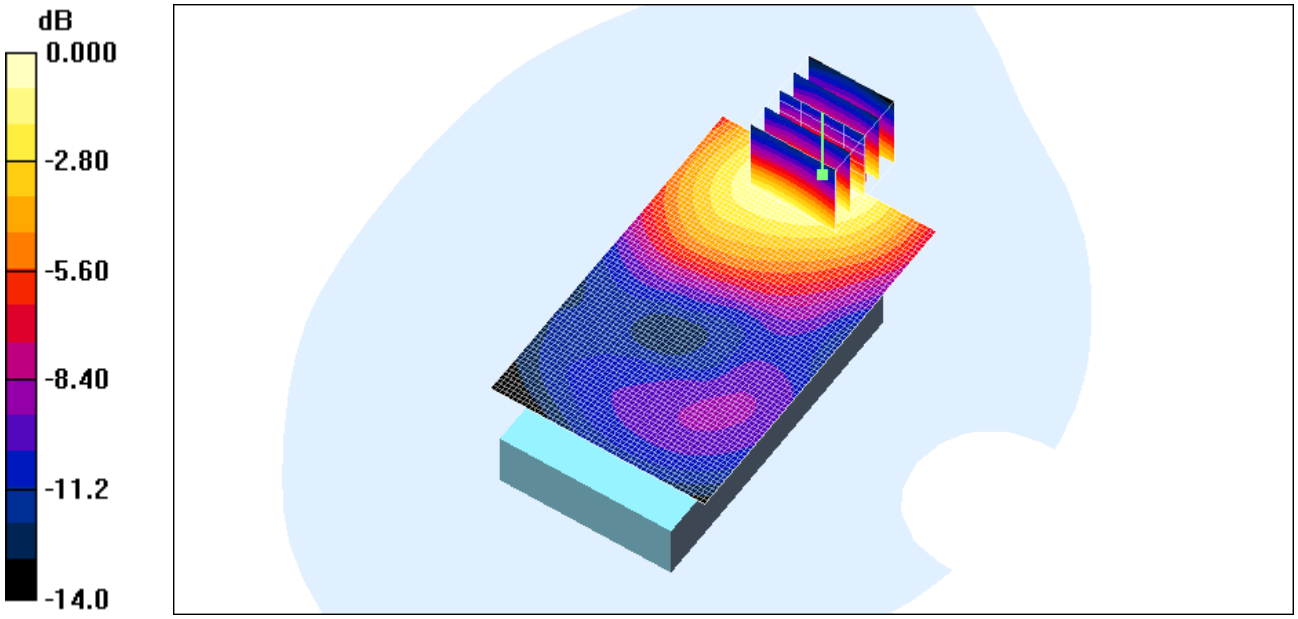
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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
Maximum value of SAR (interpolated) = 0.385 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.14 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.389 mW/g



0 dB = 0.389mW/g

Date/Time: 06/05/2009 8:09:56 PM

Test Laboratory: RTS
File Name: Vertical_Holster_New_Back_GPRS1900_3-slots_low_chan_amb_temp_22.8C_liq_temp_21.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1850.2 MHz;Duty Cycle: 1:2.8
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 51; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

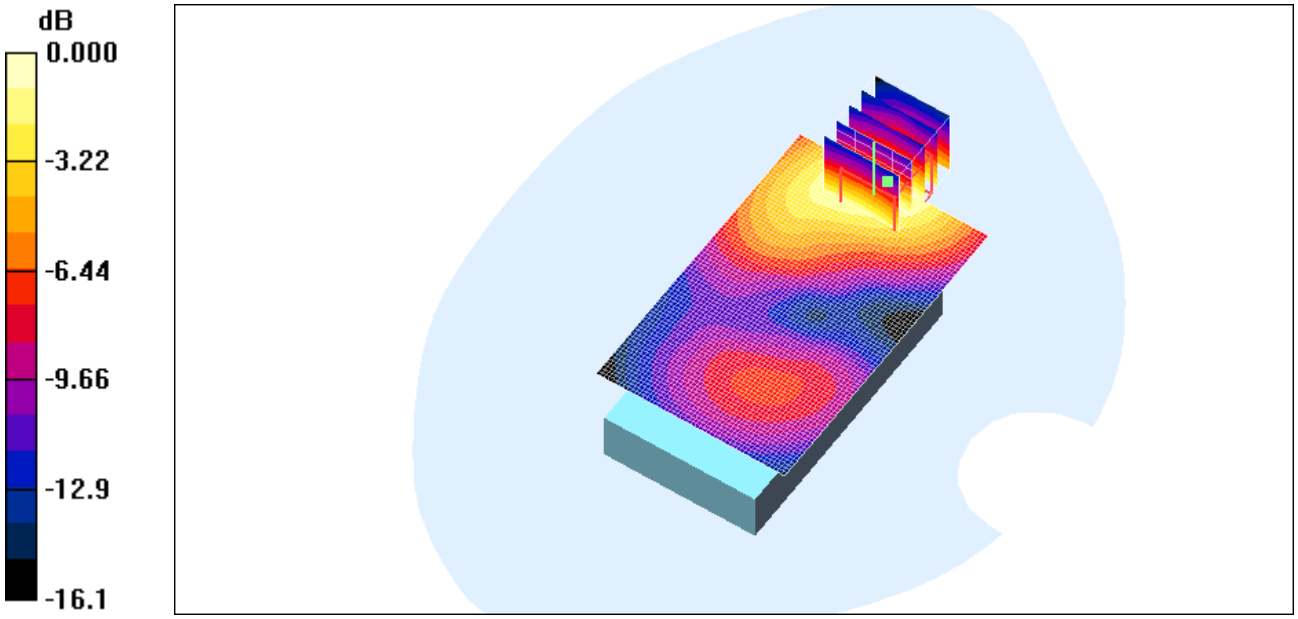
Body - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.373 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.54 V/m; Power Drift = -0.304 dB
Peak SAR (extrapolated) = 0.548 W/kg
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.224 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.397 mW/g



0 dB = 0.397mW/g

Date/Time: 06/05/2009 9:21:02 PM

Test Laboratory: RTS
File Name: Vertical_Holster_New_Back_GPRS1900_3-slots_mid_chan_amb_temp_23.1C_liq_temp_22.0C.da4

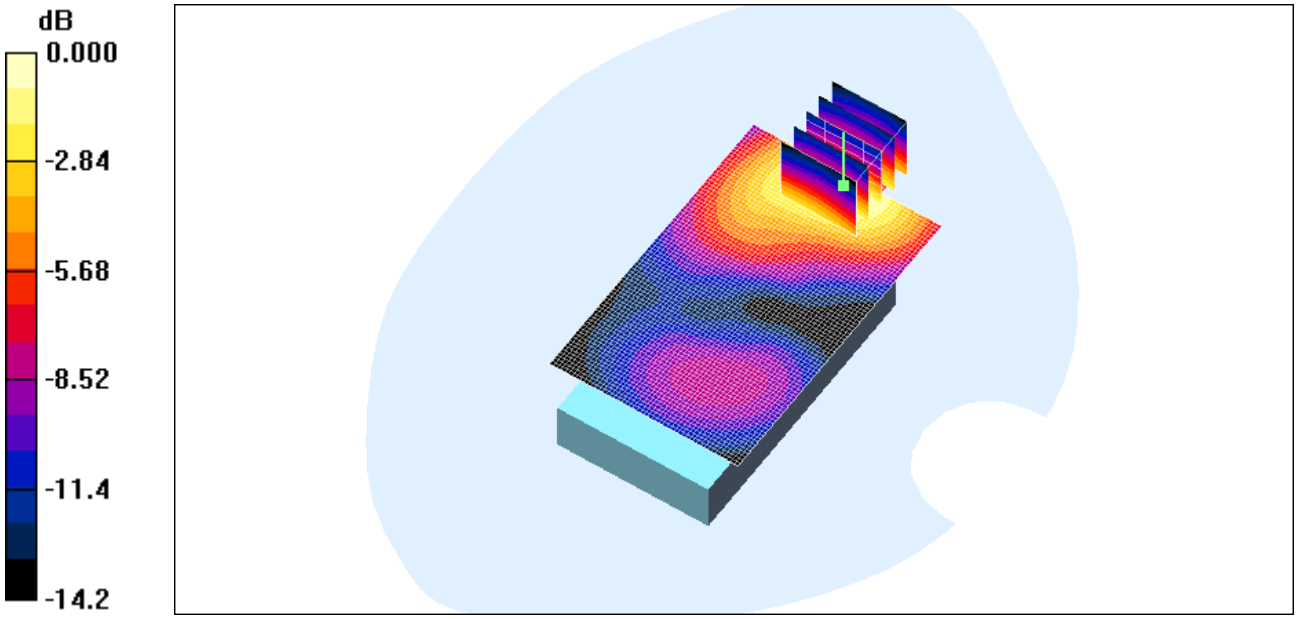
DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1880 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.456 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.32 V/m; Power Drift = -0.250 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.474 mW/g



0 dB = 0.474mW/g

Date/Time: 06/05/2009 10:01:12 PM

Test Laboratory: RTS
File Name: Vertical_Holster_New_Back_GPRS1900_3-slots_high_chan_amb_temp_23.2C_liq_temp_22.1C.da4

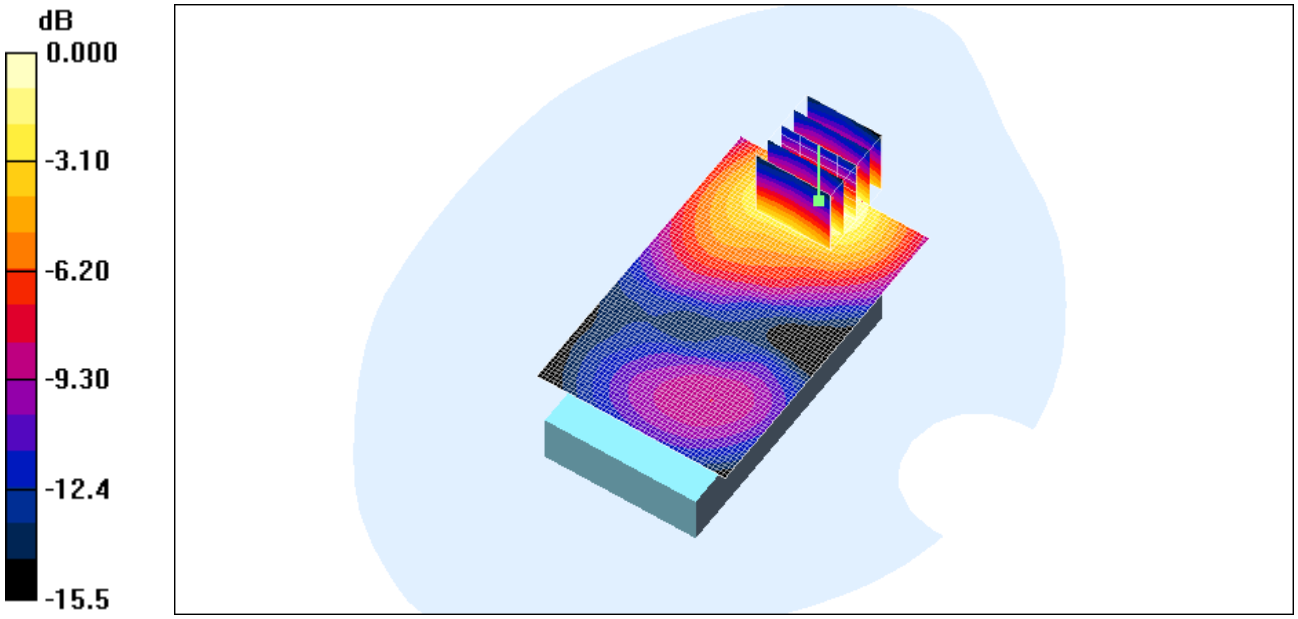
DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.504 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.59 V/m; Power Drift = 0.357 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.519 mW/g



0 dB = 0.519mW/g

Date/Time: 06/05/2009 9:47:01 PM

Test Laboratory: RTS
File Name: Vertical_Holster_New_Front_GPRS1900_3-slots_high_chan_amb_temp_23.2C_liq_temp_22.0C.da4

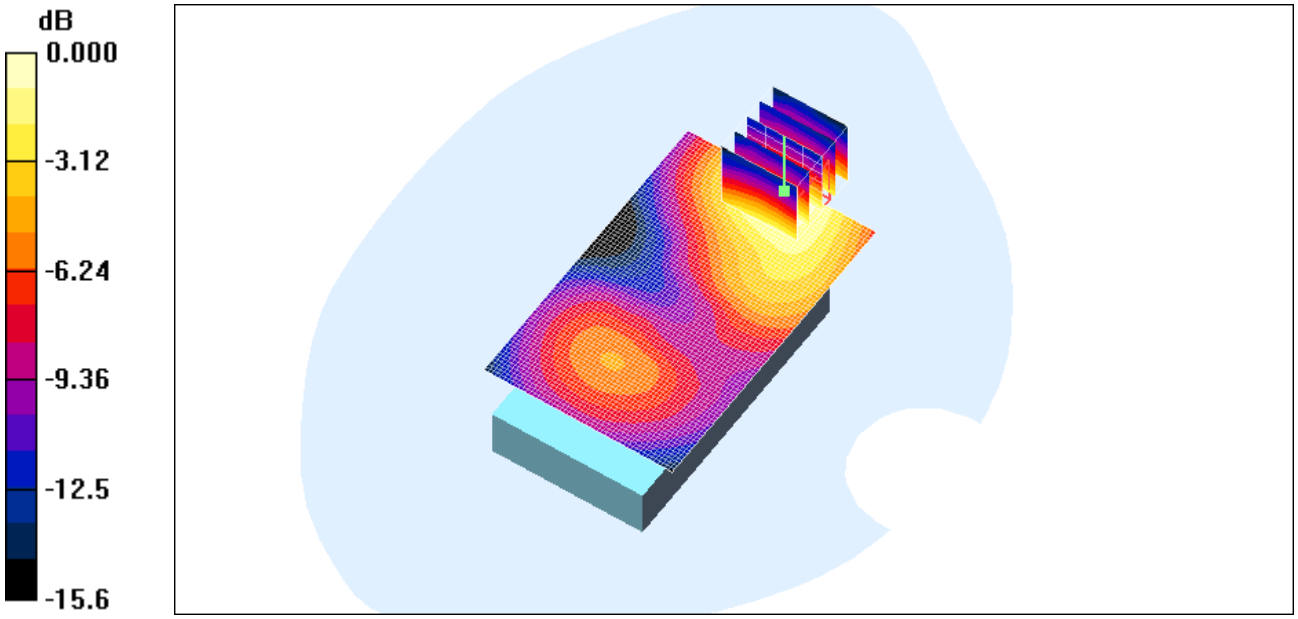
DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.76 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 0.549 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.385 mW/g



0 dB = 0.385mW/g

Date/Time: 06/05/2009 10:27:36 PM

Test Laboratory: RTS
File Name: Vertical_Holster_New_Back_Headset_1_GPRS1900_3-slots_high_chan_amb_temp_23.3C_liq_temp_22.1C.da4

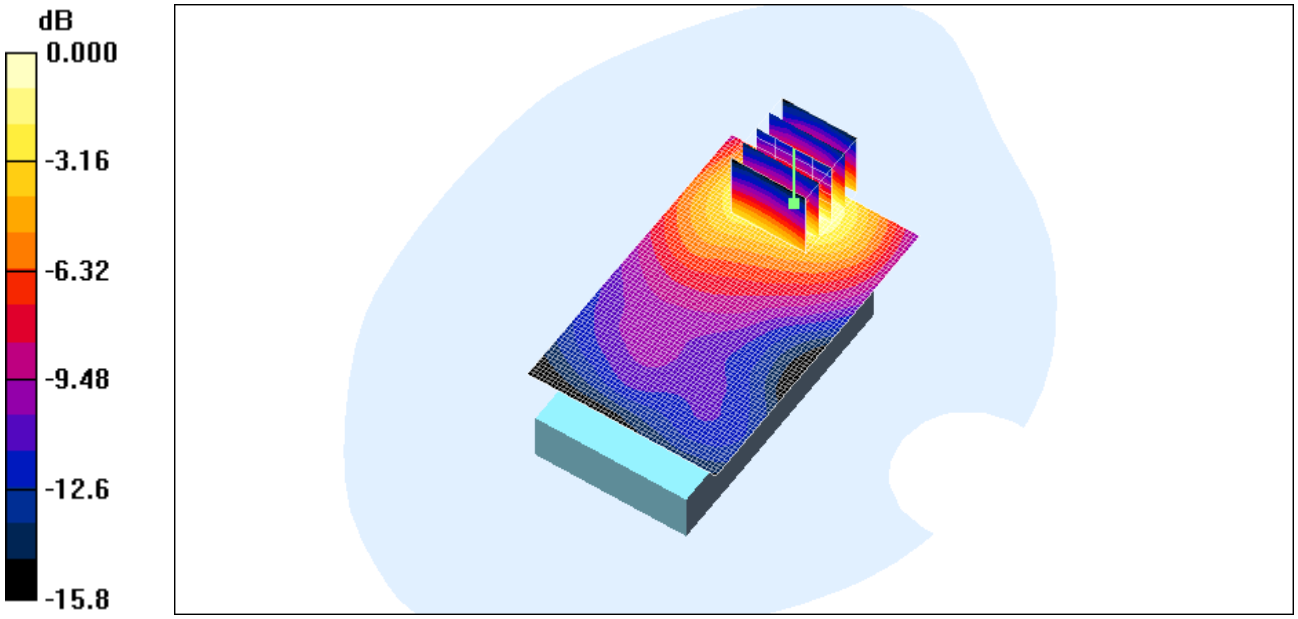
DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.481 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.97 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.696 W/kg
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.493 mW/g



0 dB = 0.493mW/g

Date/Time: 06/05/2009 10:40:50 PM

Test Laboratory: RTS
File Name: Vertical_Holster_New_Back_Headset_2_GPRS1900_3-slots_high_chan_amb_temp_23.3C_liq_temp_22.1C.da4

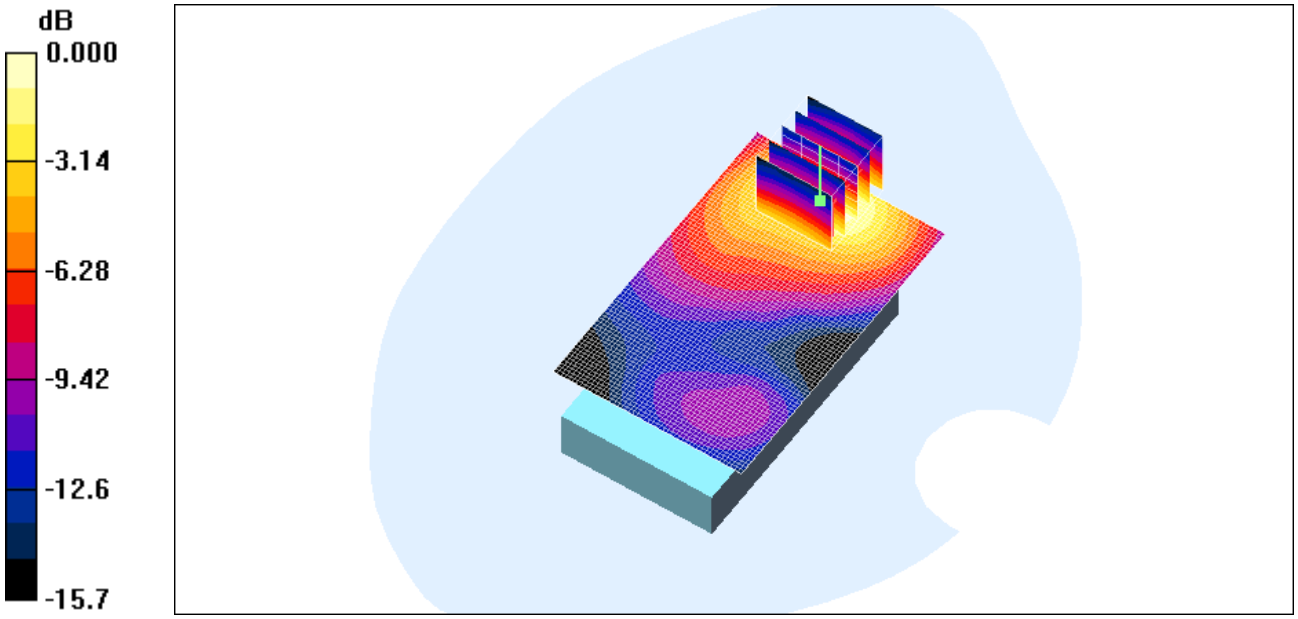
DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.546 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.09 V/m; Power Drift = -0.188 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 0.548 mW/g



0 dB = 0.548mW/g

Date/Time: 06/05/2009 10:54:50 PM

Test Laboratory: RTS
File Name: Vertical_Holster_New_Back_Headset_3_GPRS1900_3-slots_high_chan_amb_temp_23.1C_liq_temp_22.0C.da4

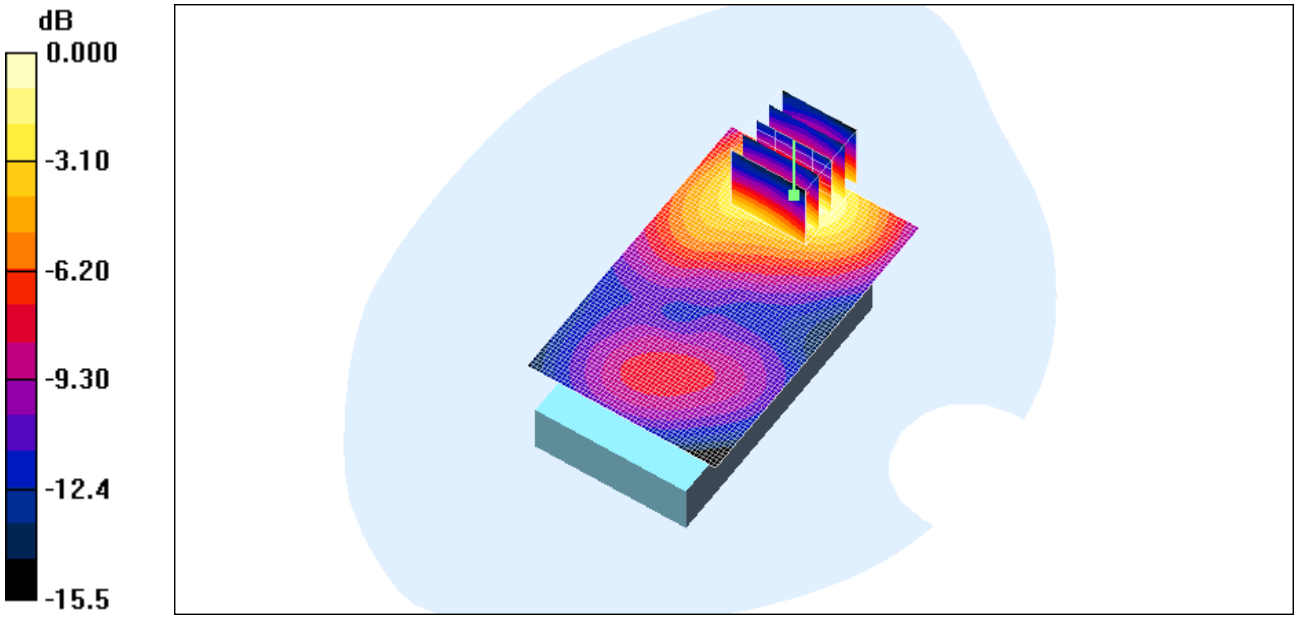
DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: GPRS 1900 (3-slots); Frequency: 1909.8 MHz;Duty Cycle: 1:2.8
Medium parameters used: f = 1910 MHz; σ = 1.55 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.498 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.17 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.498 mW/g



0 dB = 0.498mW/g

Date/Time: 17/03/2009 7:28:22 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_CDMA800_low_chan_amb_temp_22.4C_liq_temp_21.8C.da4

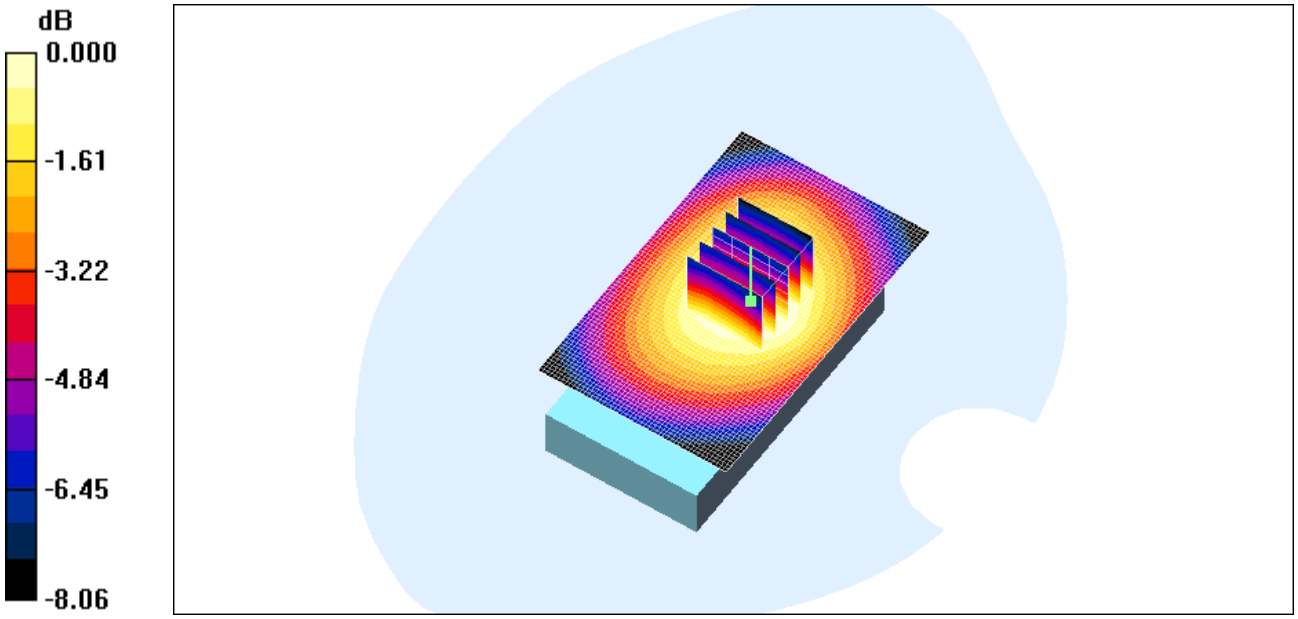
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.938 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- 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) = 0.447 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.1 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 0.433 mW/g



0 dB = 0.433mW/g

Date/Time: 17/03/2009 7:46:01 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_CDMA800_mid_chan_amb_temp_23.4C_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 0.949 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section

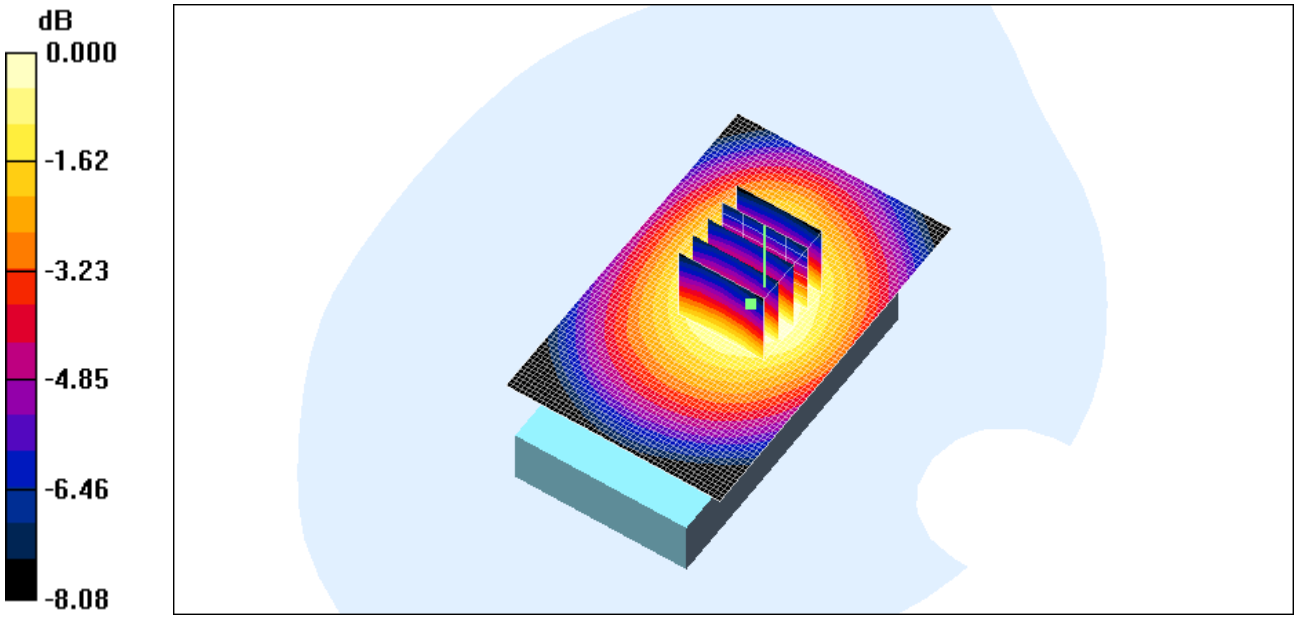
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.307 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.435 mW/g



0 dB = 0.435mW/g

Date/Time: 17/03/2009 7:59:57 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_CDMA800_high_chan_amb_temp_23.4C_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 0.961 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

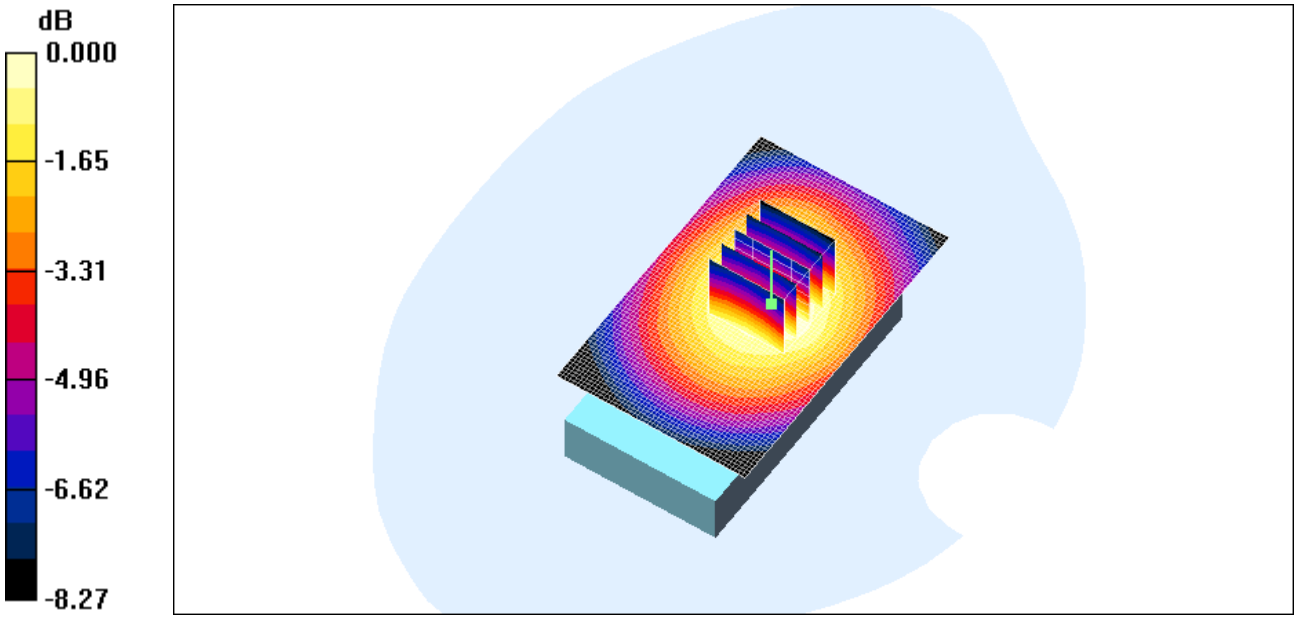
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.495 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.6 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.351 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g

Date/Time: 17/03/2009 9:15:58 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Front_CDMA800_high_chan_amb_temp_23.3C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 0.961 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

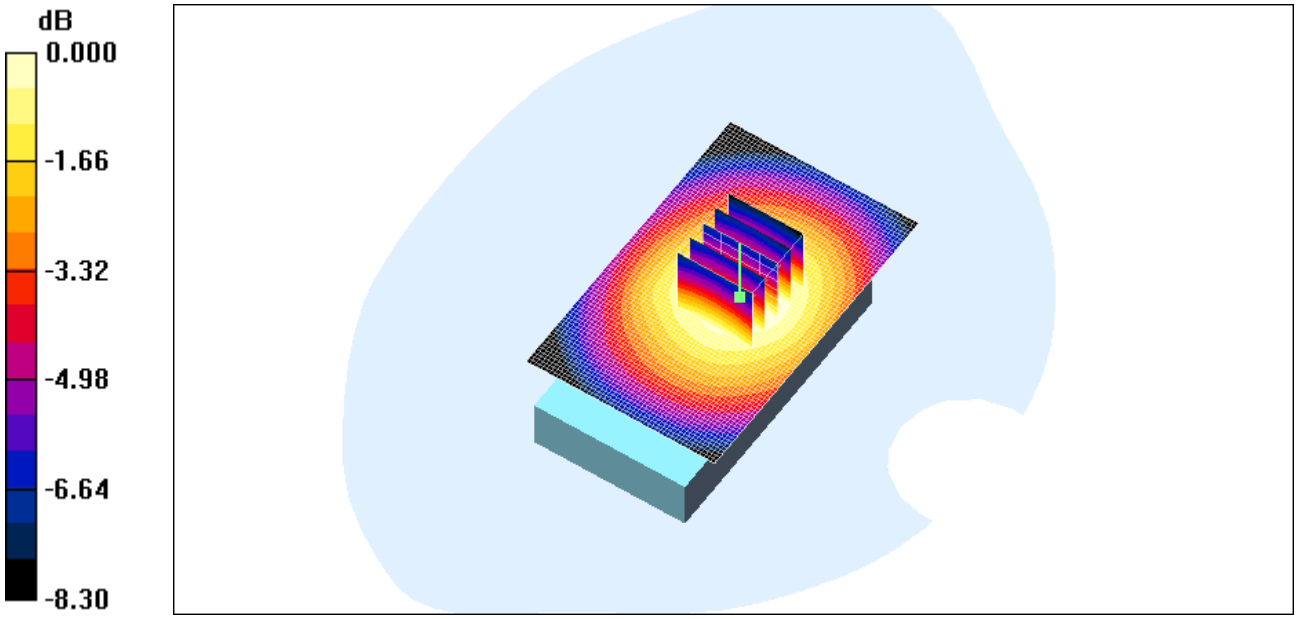
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.529 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 = -0.021 dB
Peak SAR (extrapolated) = 0.598 W/kg
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.372 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.522 mW/g



0 dB = 0.522mW/g

Date/Time: 17/03/2009 9:29:36 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Front_Headset_CDMA800_high_chan_amb_temp_23.2C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 0.961 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

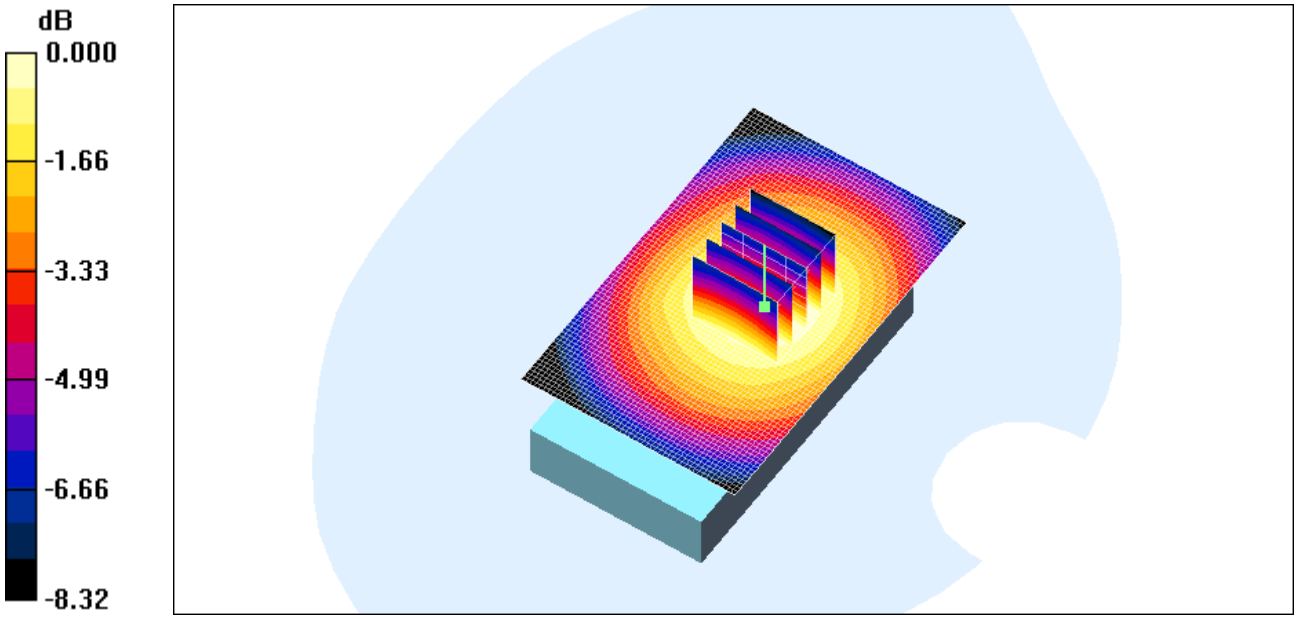
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.455 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.322 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.451 mW/g



0 dB = 0.451mW/g

Date/Time: 17/03/2009 9:49:25 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_CDMA800_high_chan_amb_temp_23.4C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 0.961 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

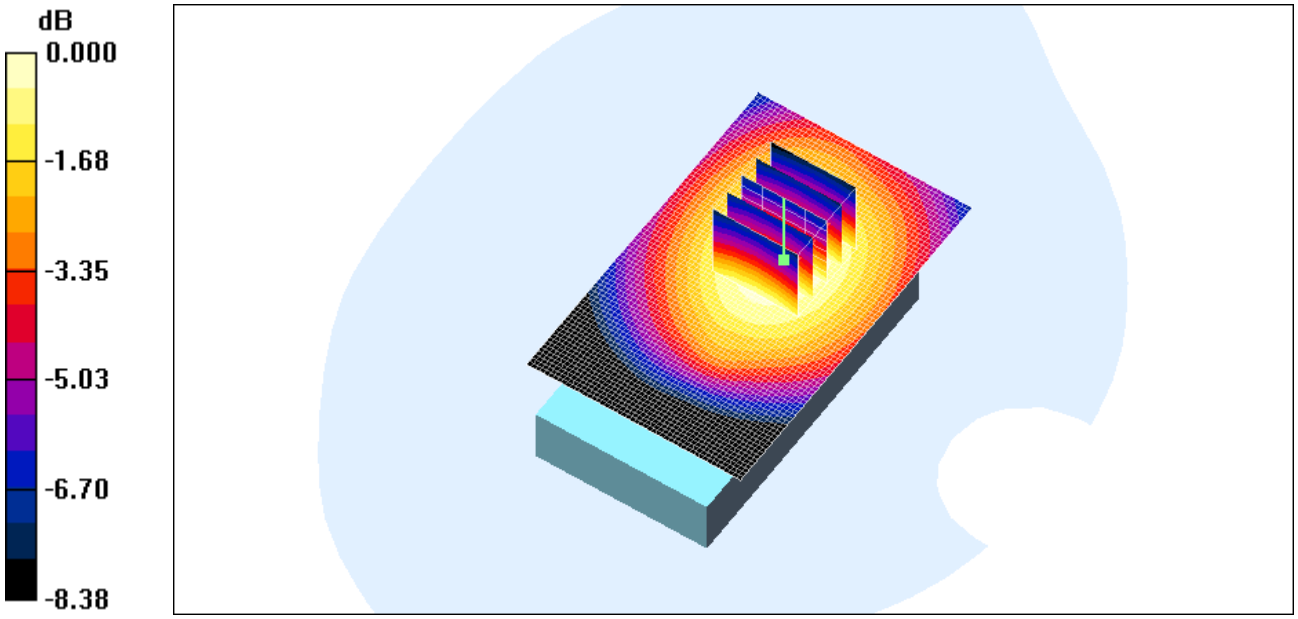
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.485 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.339 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.477 mW/g



0 dB = 0.477mW/g

Date/Time: 17/03/2009 10:04:14 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_Front_CDMA800_high_chan_amb_temp_23.3C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 0.961 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

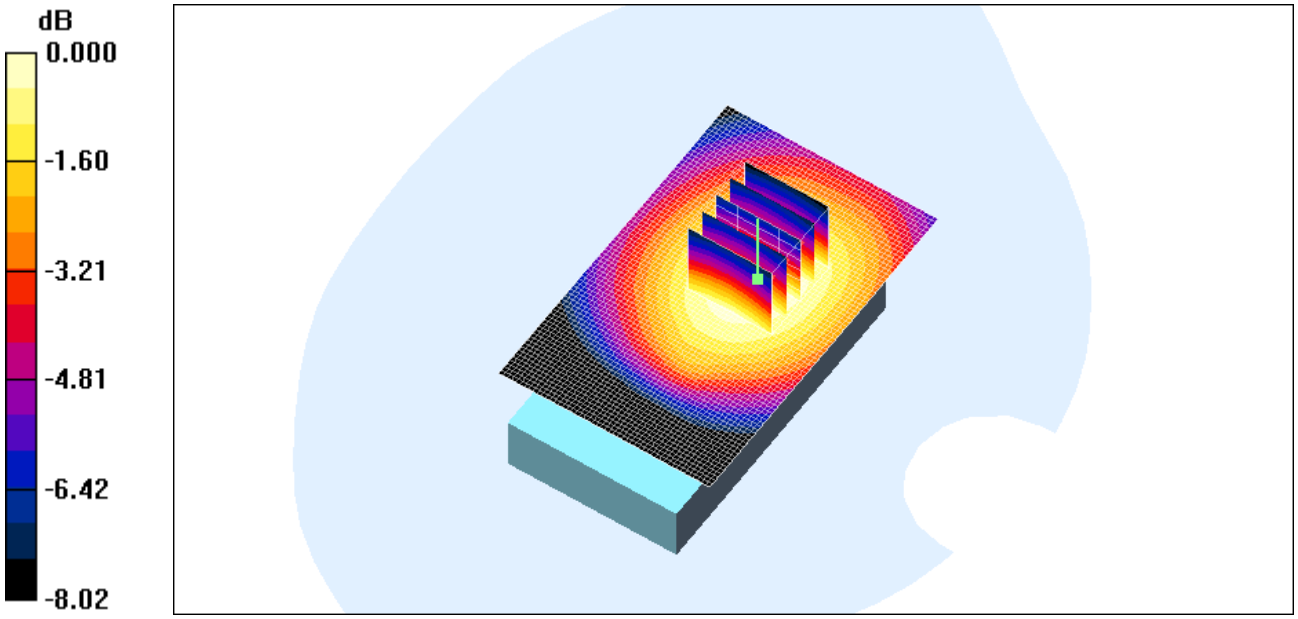
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.528 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.0 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.374 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.522 mW/g



0 dB = 0.522mW/g

Date/Time: 17/03/2009 10:18:00 PM

Test Laboratory: RTS
File Name:
25mm_Spacer_CDMA800_high_chan_amb_temp_23.3C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 0.961 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

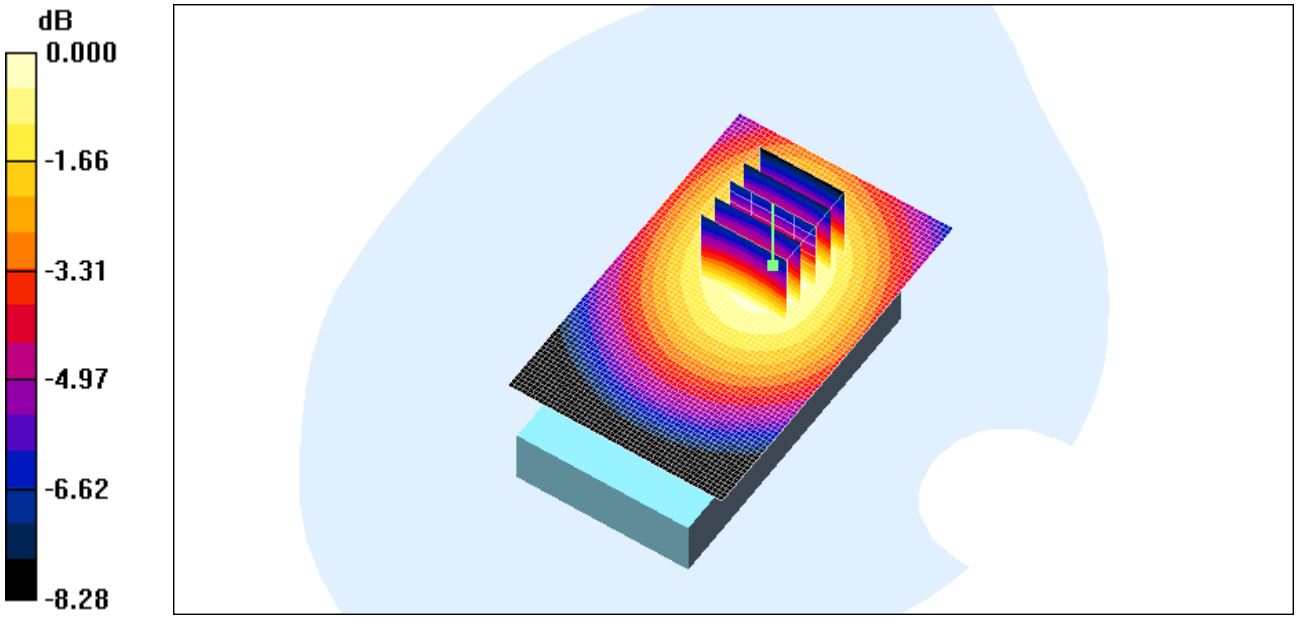
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn700; Calibrated: 16/04/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.404 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.287 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.408mW/g

Date/Time: 04/05/2009 10:40:04 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Back_CDMA800_low_chan_amb_temp_23.4C_liq_temp_22.5C.da4

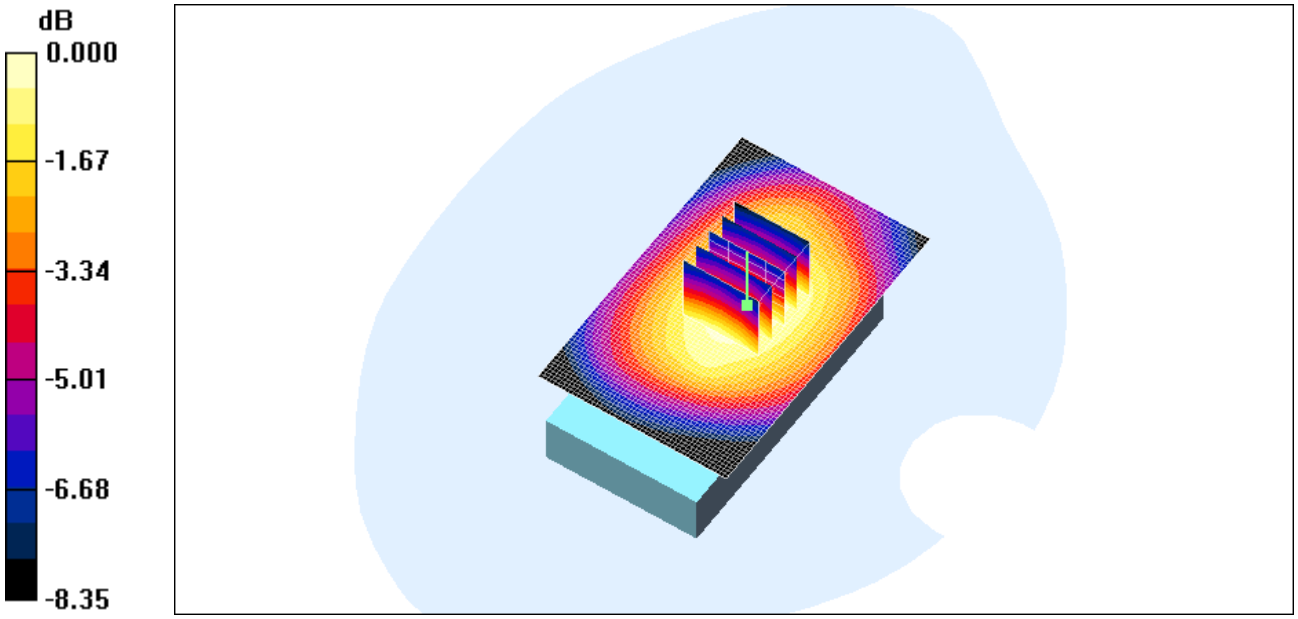
DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 800; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.924 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.403 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.3 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.411 mW/g



0 dB = 0.411mW/g

Date/Time: 04/05/2009 10:56:10 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Back_CDMA800_mid_chan_amb_temp_22.8C_liq_temp_22.1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
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 = 0.937 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

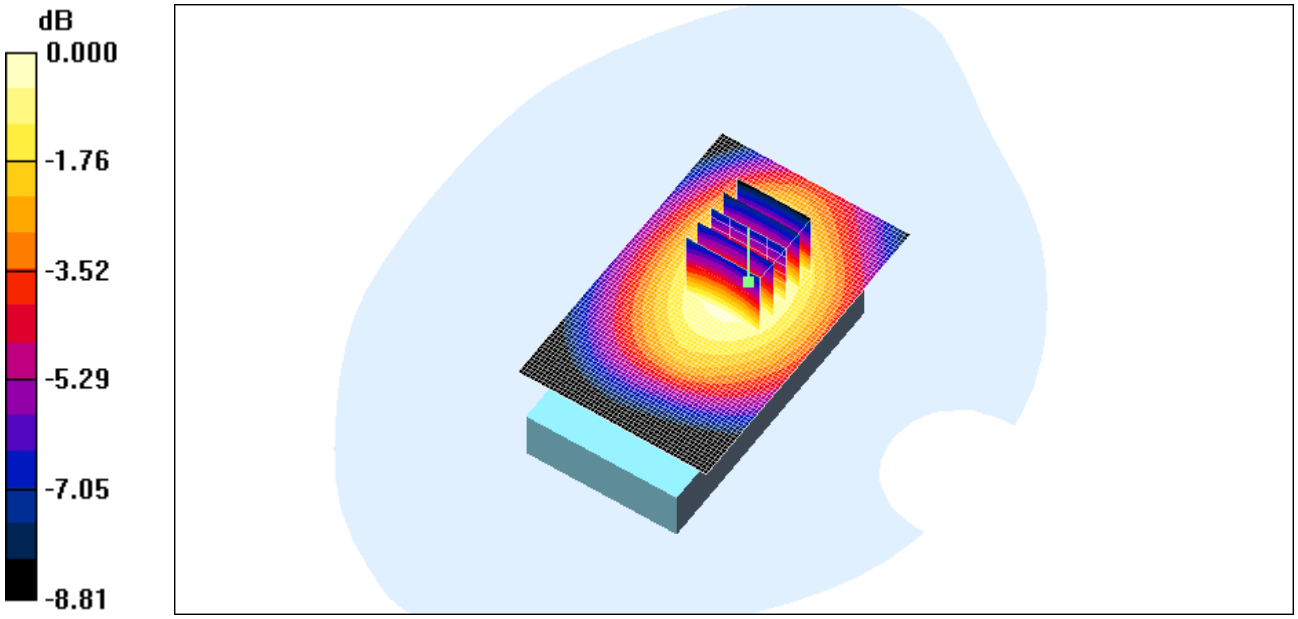
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.410 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.286 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.405mW/g

Date/Time: 04/05/2009 11:12:22 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Back_CDMA800_high_chan_amb_temp_23.2C_liq_temp_22.4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
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 = 0.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

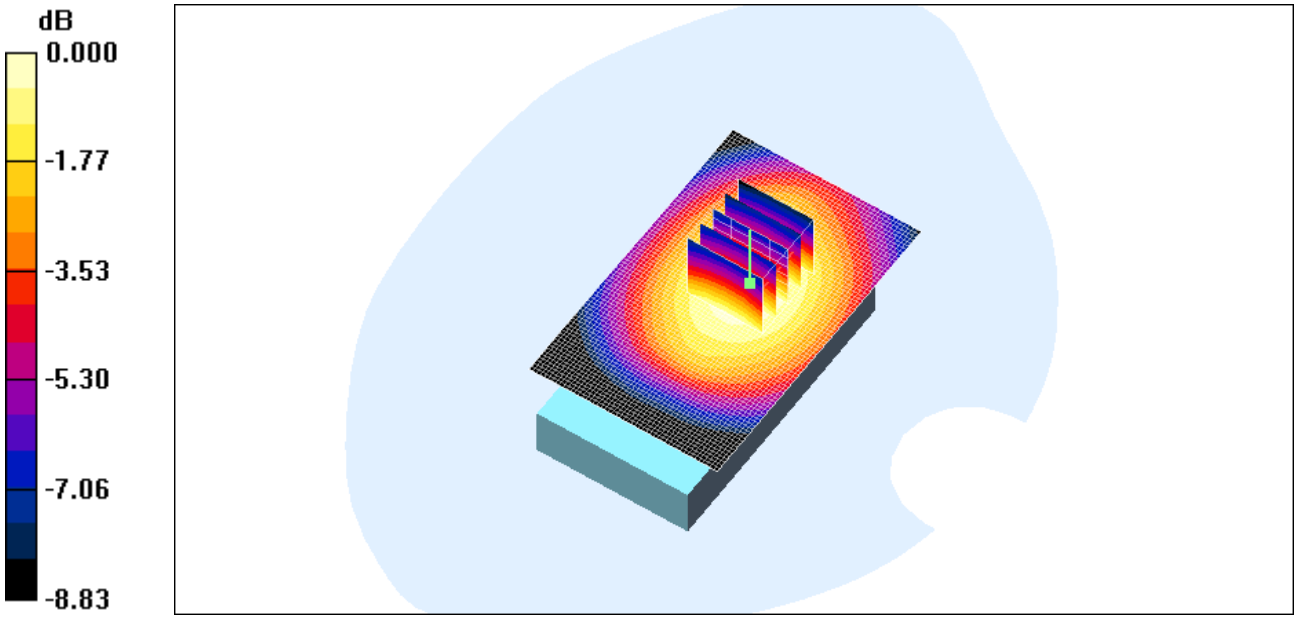
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.497 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.350 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g

Date/Time: 05/05/2009 12:12:24 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Front_CDMA800_high_chan_amb_temp_23.2C_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
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 = 0.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

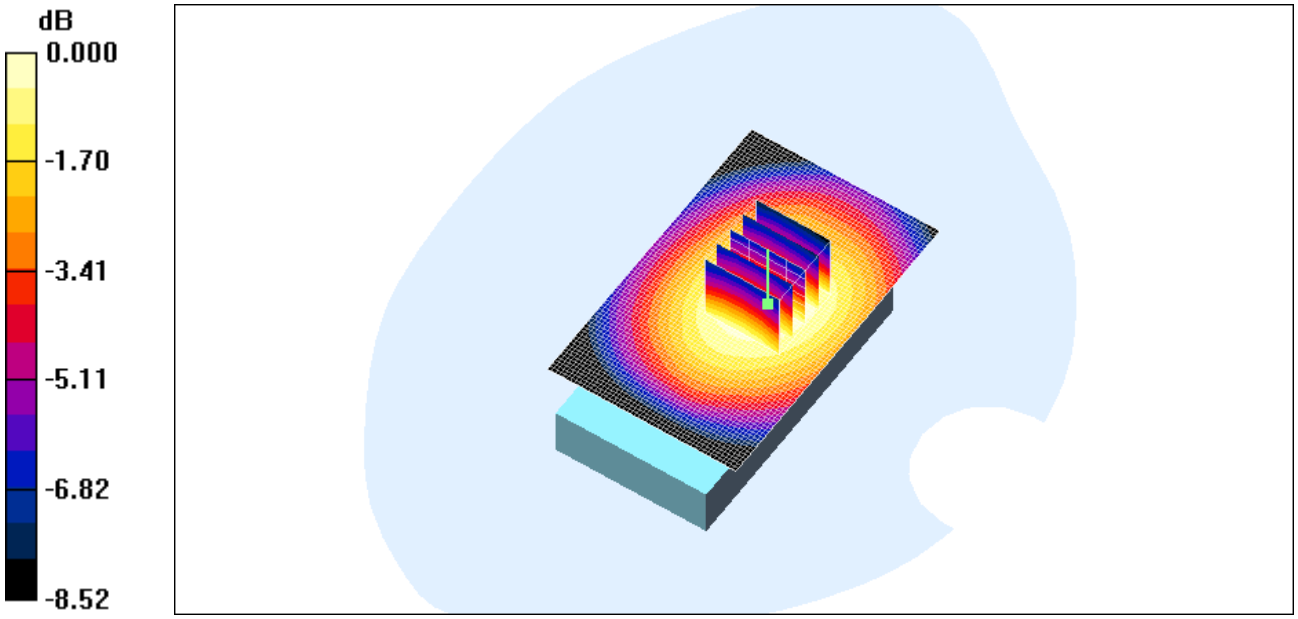
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.399 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.555 mW/g



0 dB = 0.555mW/g

Date/Time: 05/05/2009 3:12:06 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Headset_1_Front_CDMA800_high_chan_amb_temp_22.6C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
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 = 0.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

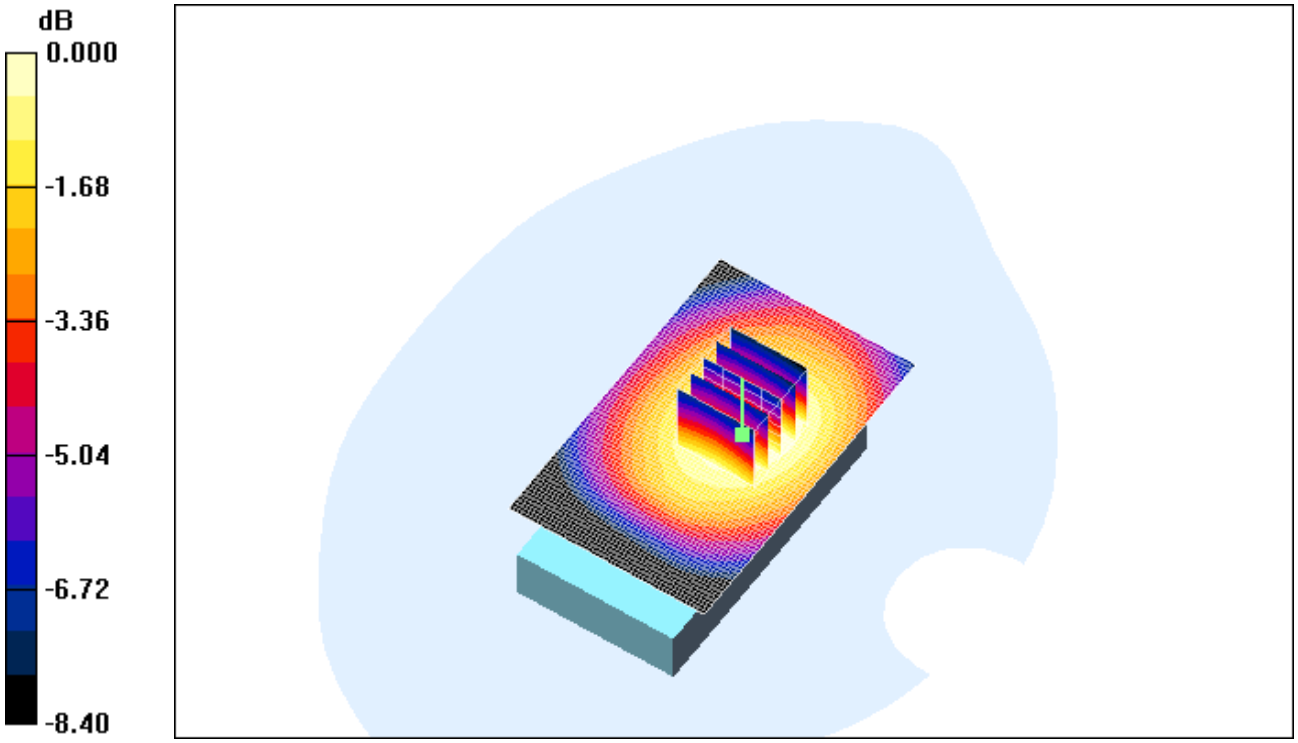
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.505 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.184 dB
Peak SAR (extrapolated) = 0.574 W/kg
SAR(1 g) = 0.473 mW/g; SAR(10 g) = 0.355 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g

Date/Time: 05/05/2009 3:28:29 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Headset_2_Front_CDMA800_high_chan_amb_temp_22.5C_liq_temp_21.7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
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 = 0.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

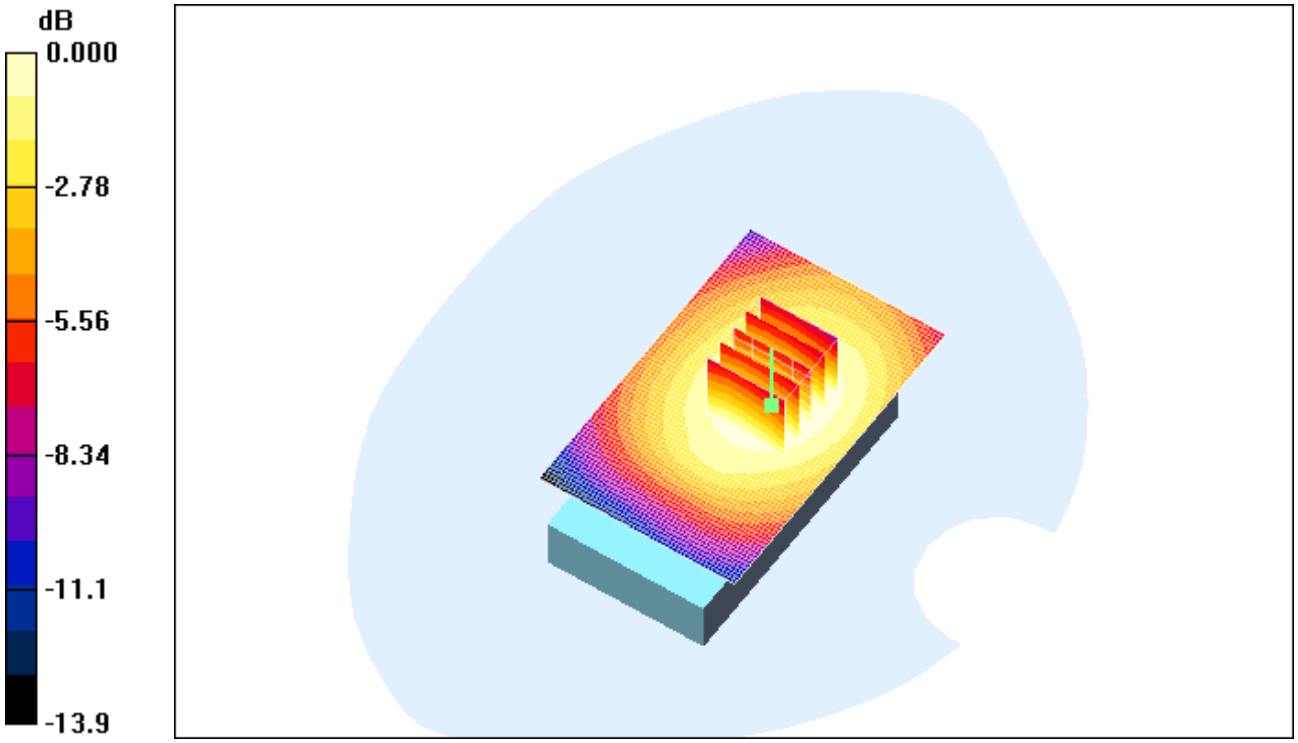
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.3 V/m; Power Drift = 0.083 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.392 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.545 mW/g

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.505 mW/g



0 dB = 0.505mW/g

Date/Time: 05/05/2009 3:38:40 PM

Test Laboratory: RTS
File Name:
Vertical_Holster_New_Headset_3_Front_CDMA800_high_chan_amb_temp_22.7C_liq_temp_21.6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: Not Specified
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 = 0.95 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

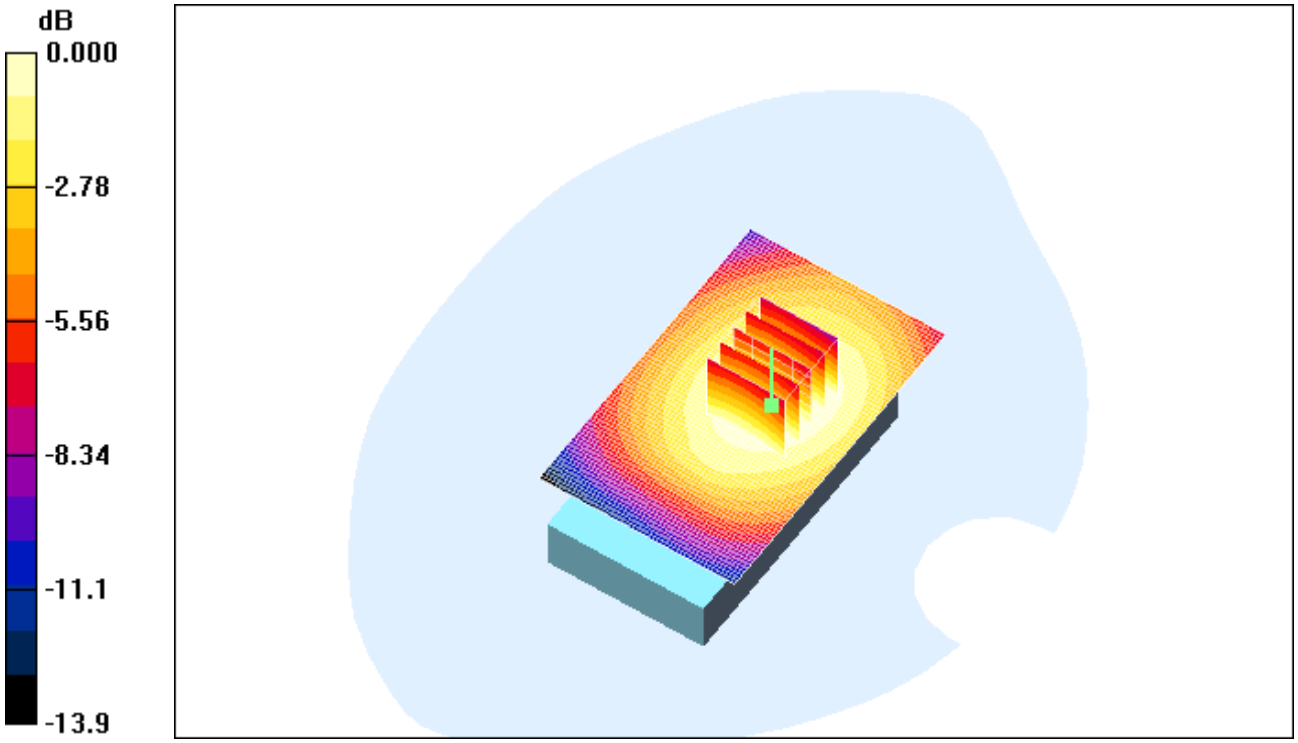
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(5.99, 5.99, 5.99); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn472; Calibrated: 03/03/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Body - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.3 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.382 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.535 mW/g

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.505 mW/g



0 dB = 0.505mW/g

Date/Time: 11/03/2009 12:12:21 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_CDMA1900_high_chan_amb_temp_23.2C_liq_temp_22.4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 1.59 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

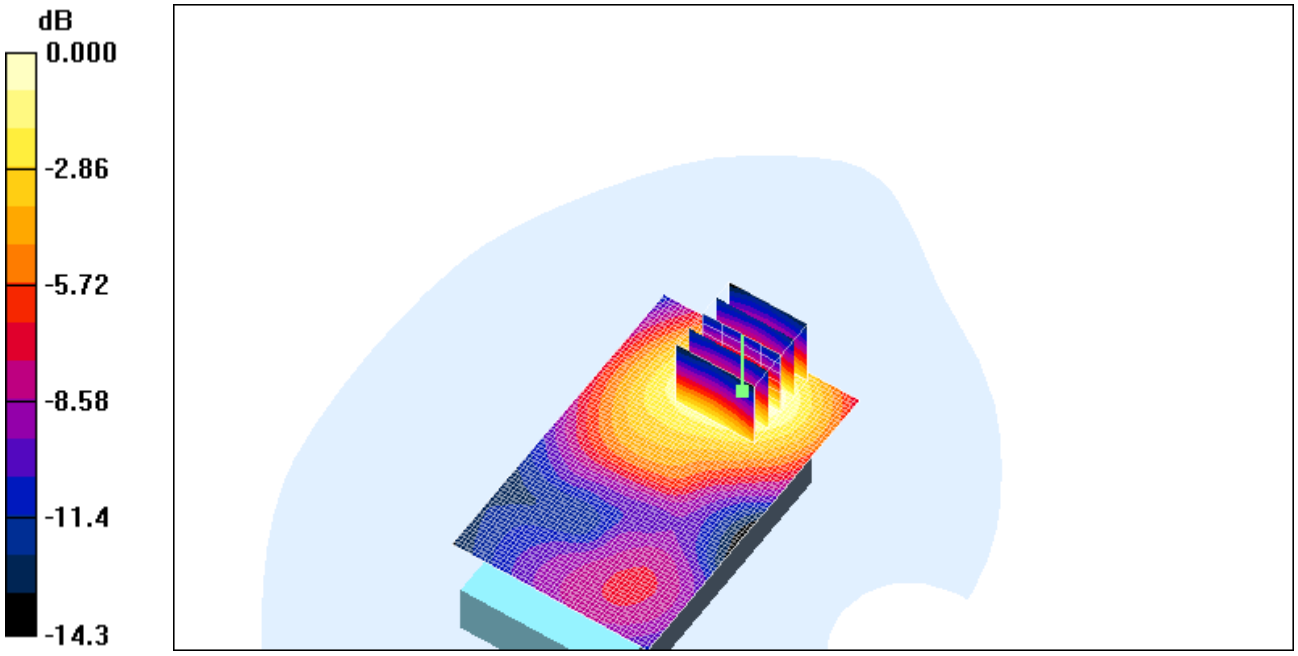
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.472 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.24 V/m; Power Drift = -0.652 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.249 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.441 mW/g



0 dB = 0.441mW/g

Date/Time: 11/03/2009 1:10:41 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_Back_Headset_CDMA1900_high_chan_amb_temp_22.8C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 1.59 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

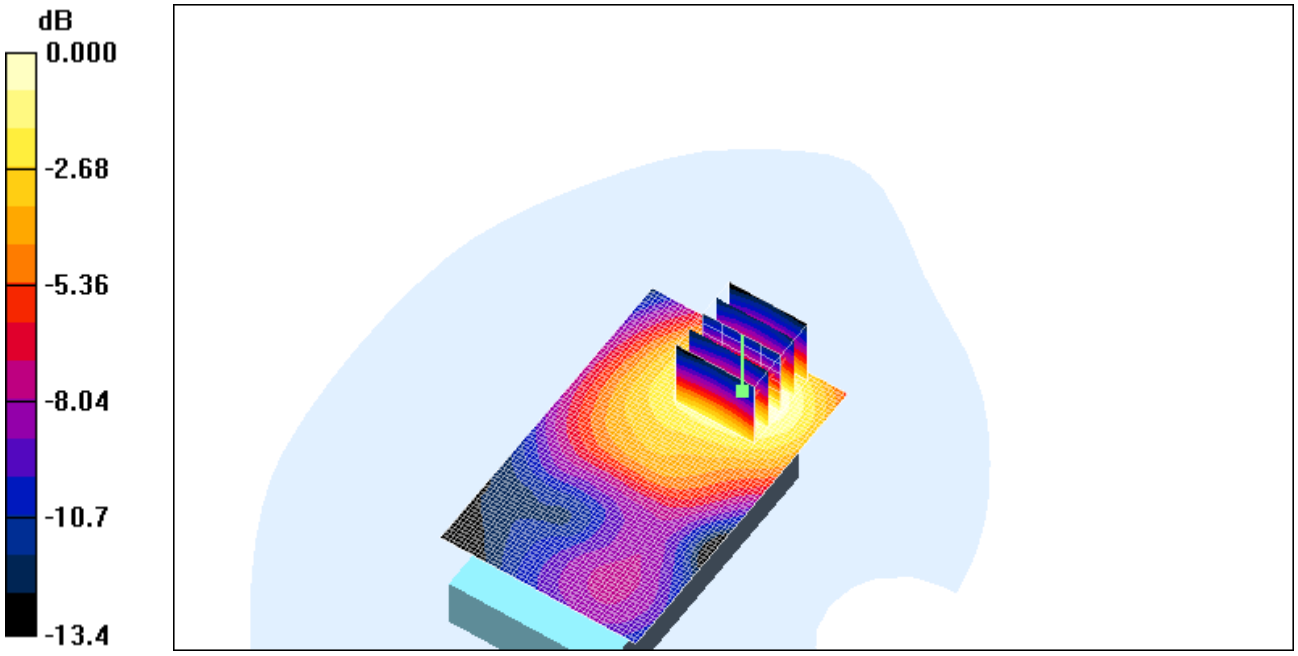
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.369 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.73 V/m; Power Drift = -0.676 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.200 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.349 mW/g



0 dB = 0.349mW/g

Date/Time: 11/03/2009 12:26:43 PM

Test Laboratory: RTS
File Name:
Horizontal_Holster_front_CDMA1900_high_chan_amb_temp_23.1C_liq_temp_22.3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 1.59 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

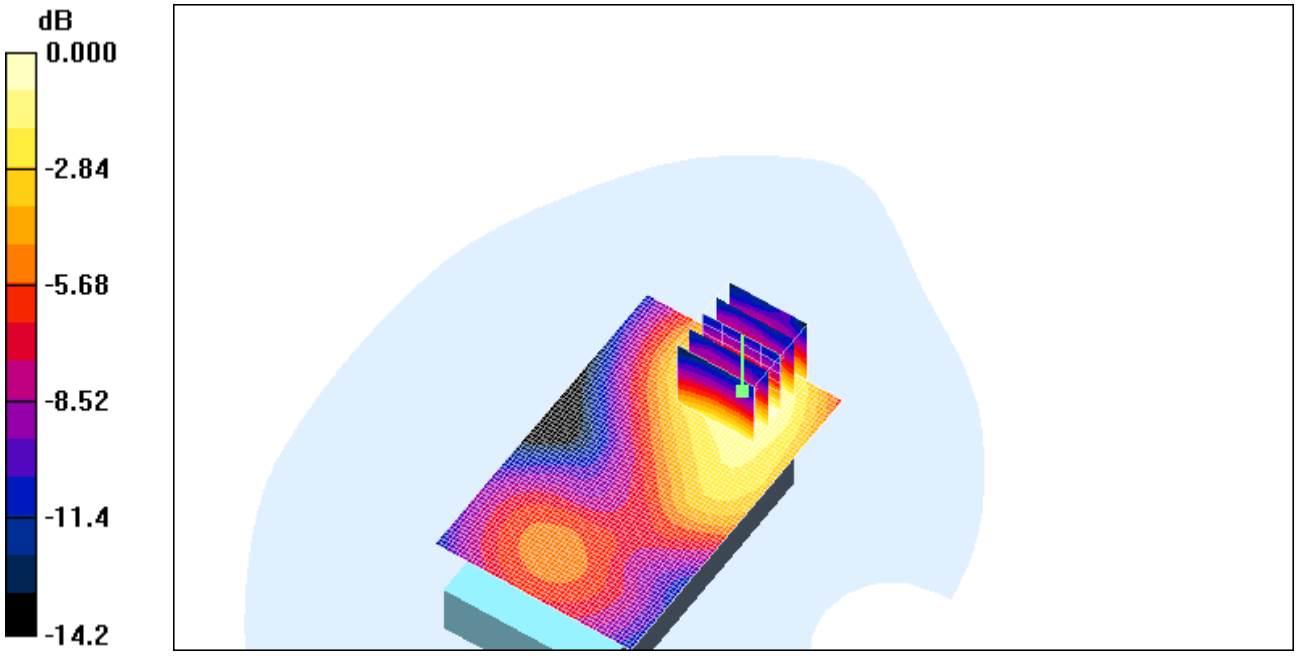
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.299 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.84 V/m; Power Drift = -0.276 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.166 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.290mW/g

Date/Time: 11/03/2009 11:00:43 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_CDMA1900_low_chan_amb_temp_23.0C_liq_temp_22.0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 1.52 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

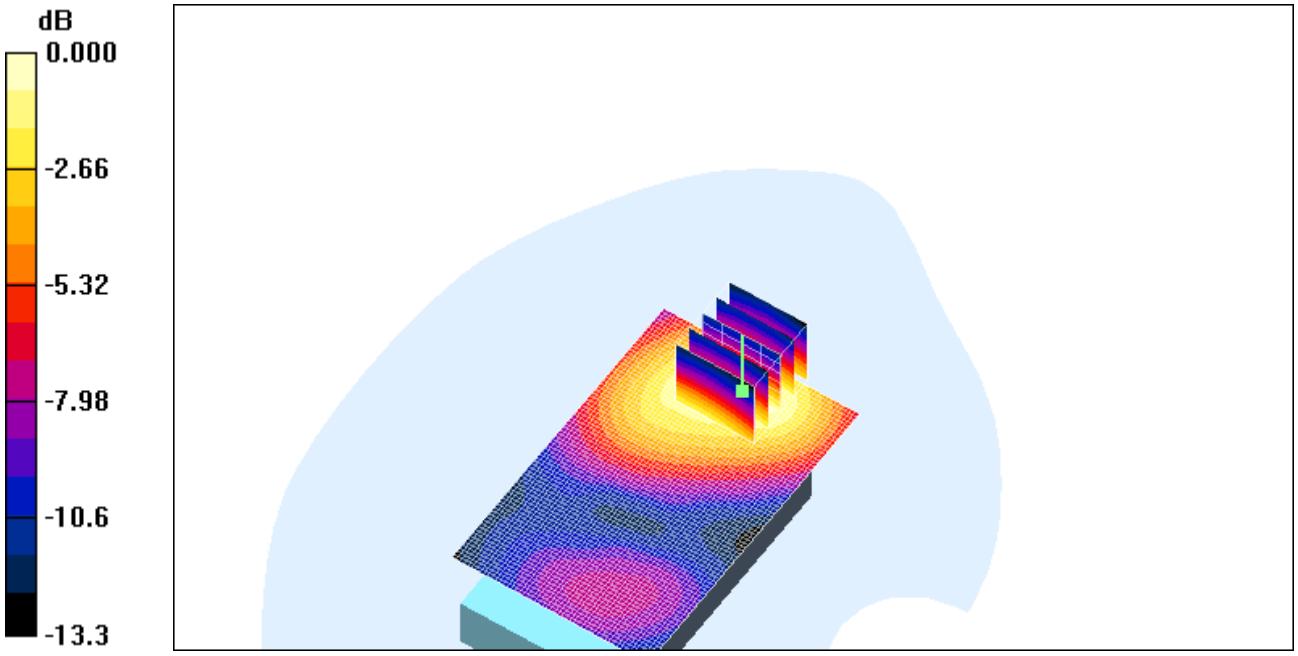
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.354 mW/g

Body - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.35 V/m; Power Drift = 0.177 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.204 mW/g

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



0 dB = 0.347mW/g

Date/Time: 11/03/2009 11:16:13 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_CDMA1900_mid_chan_amb_temp_23.2C_liq_temp_22.1C.da4

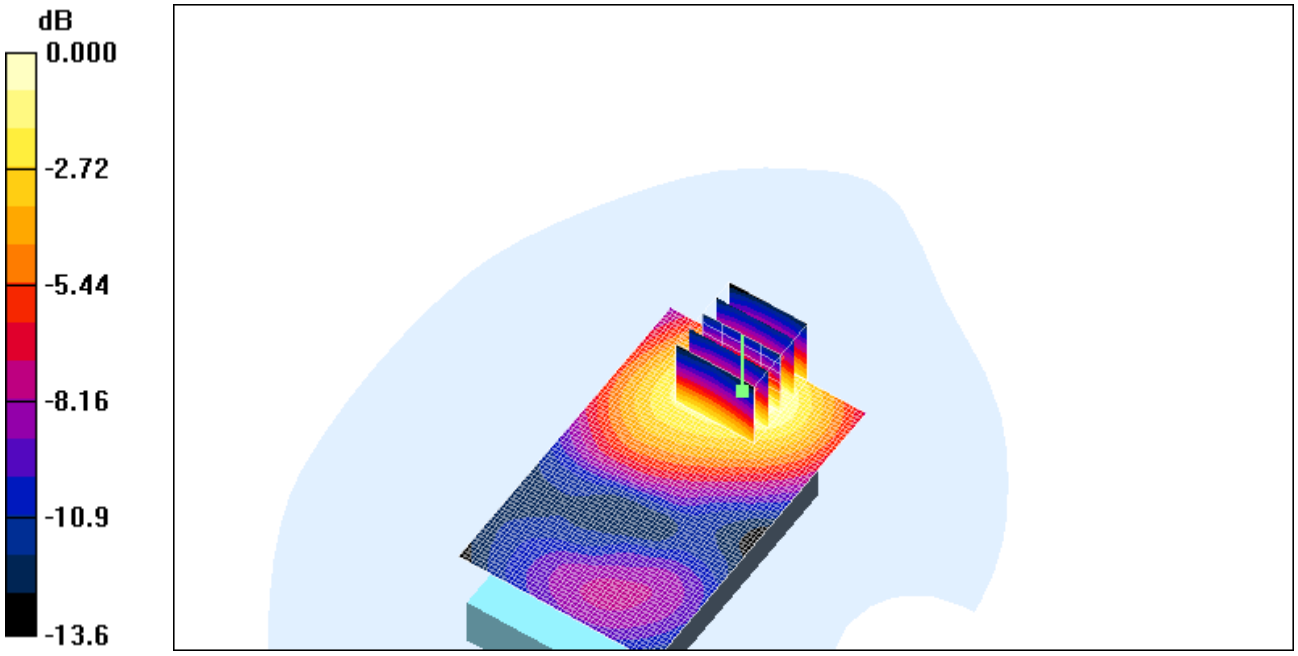
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
Program Name: Compliance Testing: P1528 Protocol (Body worn)

Communication System: CDMA 1900; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.56 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- 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) = 0.350 mW/g

Body - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.29 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.352mW/g

Date/Time: 11/03/2009 11:31:16 AM

Test Laboratory: RTS
File Name:
Vertical_Holster_Back_CDMA1900_high_chan_amb_temp_23.1C_liq_temp_22.2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 1.59 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

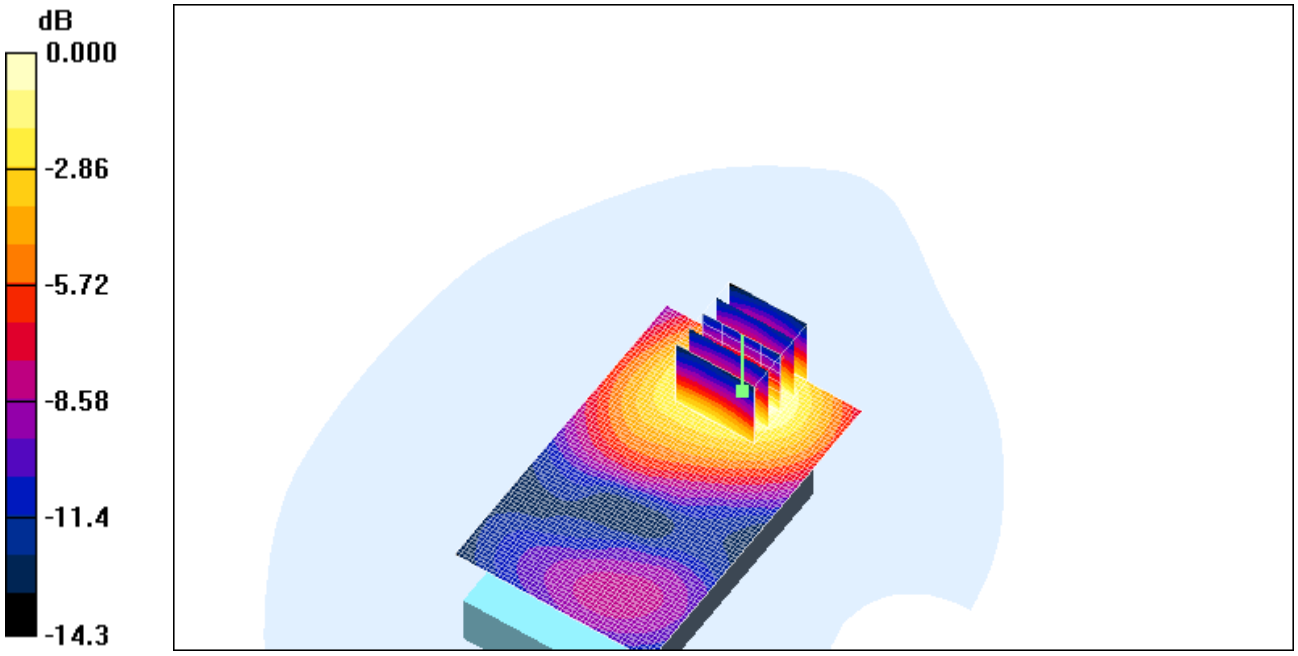
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.378 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.34 V/m; Power Drift = -0.237 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.215 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.377 mW/g



0 dB = 0.377mW/g

Date/Time: 11/03/2009 1:25:34 PM

Test Laboratory: RTS
File Name:
25mm_Spacer_Back_CDMA1900_high_chan_amb_temp_23.5C_liq_temp_21.8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 306F5B13
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 = 1.59 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

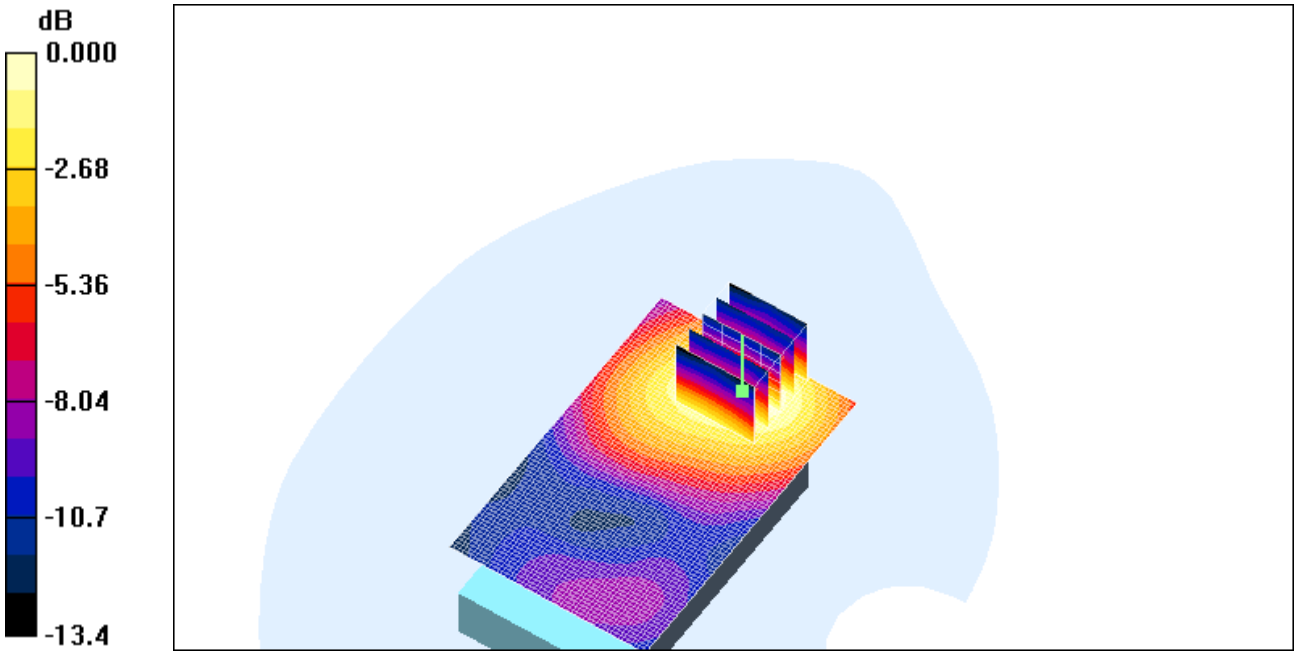
DASY4 Configuration:
- Probe: ET3DV6 - SN1642; ConvF(4.71, 4.71, 4.71); Calibrated: 12/01/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 09/01/2009
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: 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) = 0.290 mW/g

Body - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 4.48 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.163 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.281mW/g

Z axis plots for the worst case body worn configuration: