APPENDIX C: SAR DISTRIBUTION PLOTS FOR BODY-WORN CONFIGURATION

Date/Time: 07/03/2008 1:58:03 PM

Test Laboratory: RTS
File Name:
Holster1_back_WCDMA_FDDV_mid_Chan_amb_temp_24.0_liq_temp_22.6.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

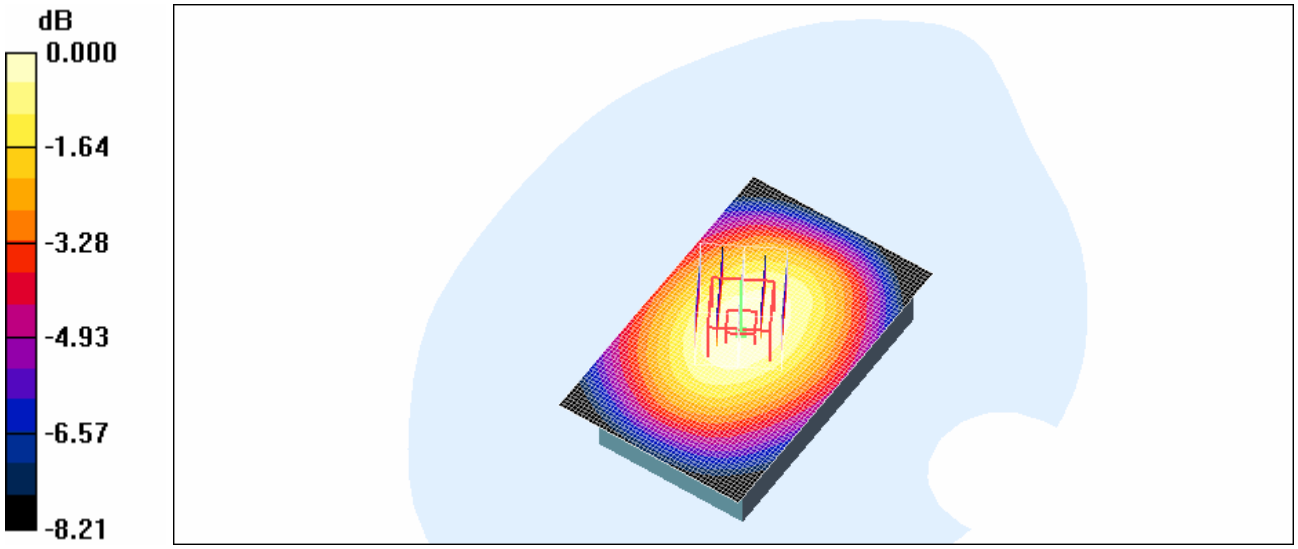
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.268 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.188 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.266 mW/g



0 dB = 0.266mW/g

Date/Time: 07/03/2008 2:15:46 PM

Test Laboratory: RTS
File Name:
Holster2_back_WCDMA_FDDV_mid_Chan_amb_temp_24.2_liq_temp_22.8.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

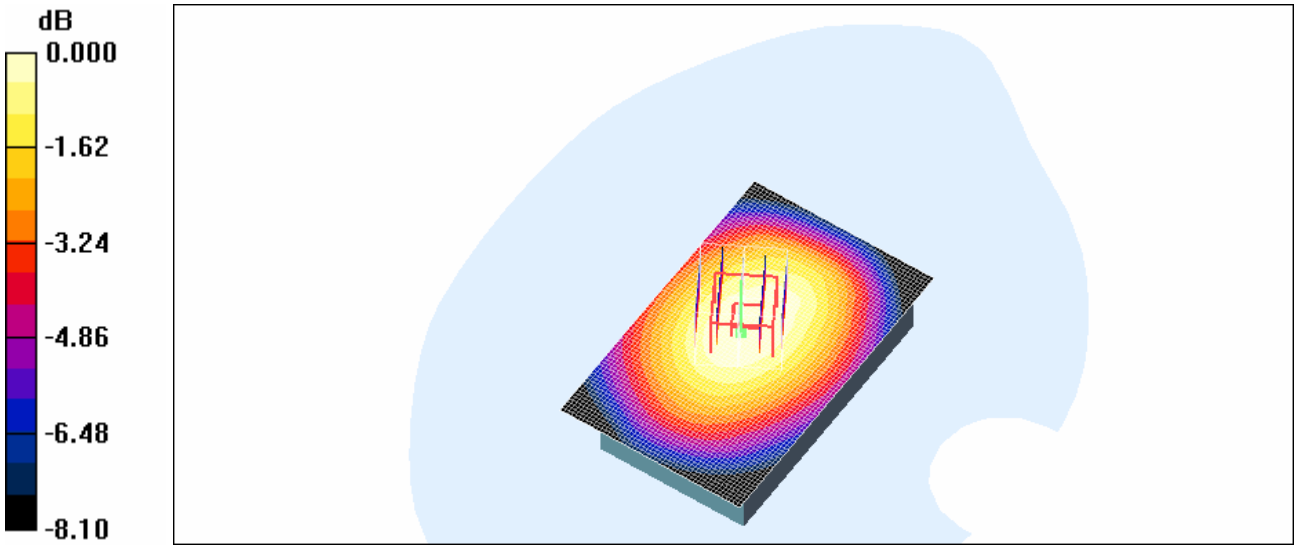
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.279 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.197 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.277 mW/g



0 dB = 0.277mW/g

Date/Time: 07/03/2008 2:31:56 PM

Test Laboratory: RTS
File Name:
Holster3_Front_WCDMA_FDDV_mid_Chan_amb_temp_24.1_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

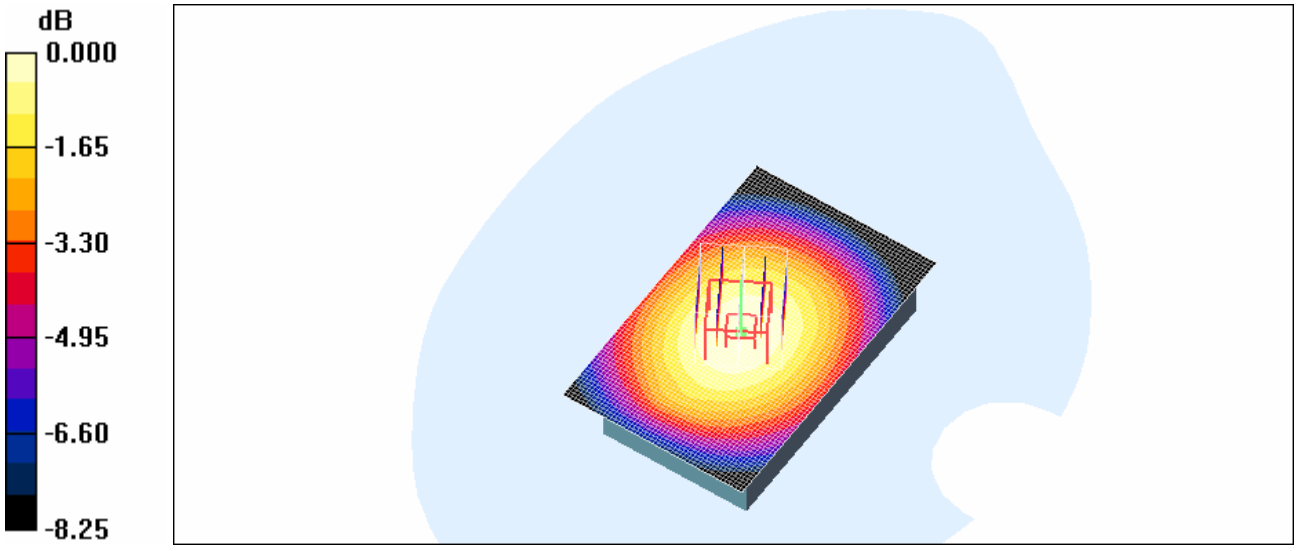
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.226 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.316 mW/g



0 dB = 0.316mW/g

Date/Time: 21/04/2008 4:34:53 PM

Test Laboratory: RTS
File Name:
Holster4_Front_WCDMA_FDDV_mid_Chan_amb_temp_23.5_liq_temp_22.4.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.982 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

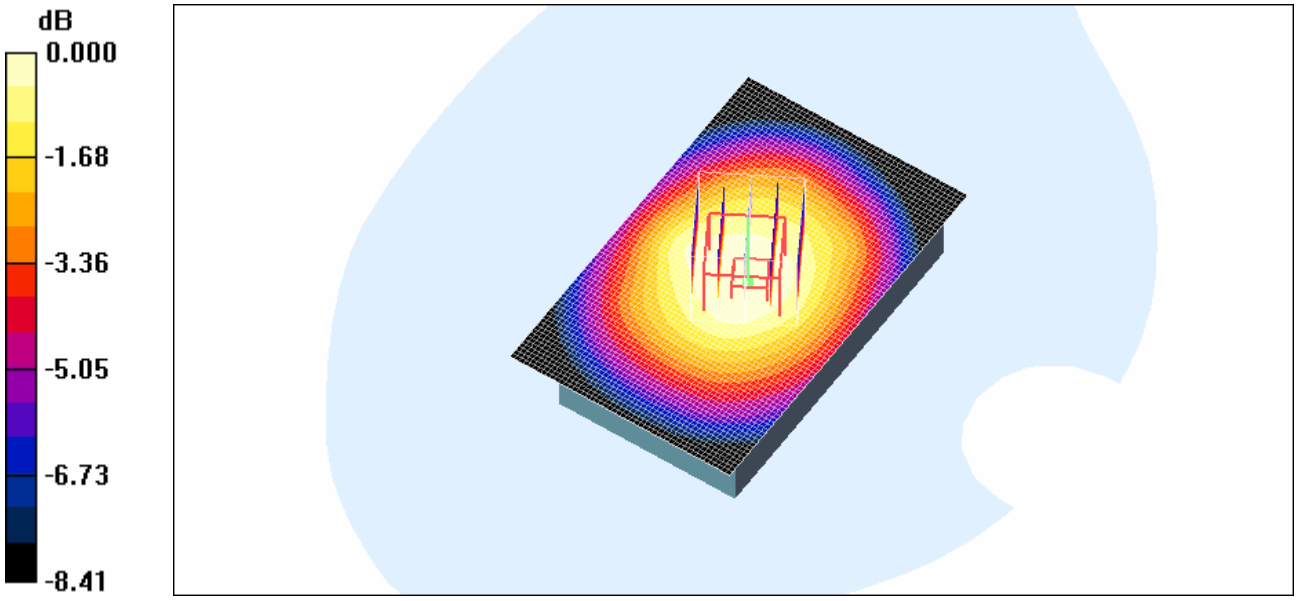
DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5.85, 5.85, 5.85); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.631 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.709 W/kg
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.450 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: 07/03/2008 3:11:27 PM

Test Laboratory: RTS
File Name:
Holster5_Front_WCDMA_FDDV_mid_Chan_amb_temp_24.0_liq_temp_22.8.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

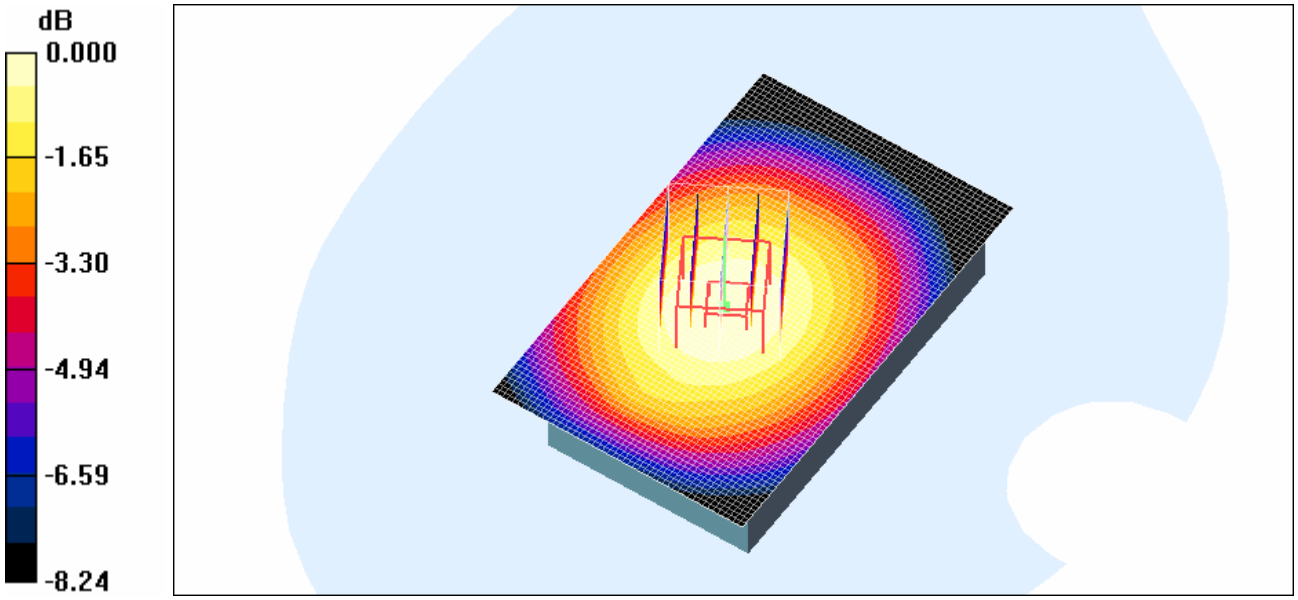
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.362 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.260 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.364 mW/g



0 dB = 0.364mW/g

Date/Time: 07/03/2008 3:29:43 PM

Test Laboratory: RTS
File Name:
Holster2_Front_WCDMA_FDDV_mid_Chan_amb_temp_23.9_liq_temp_22.8.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing: P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

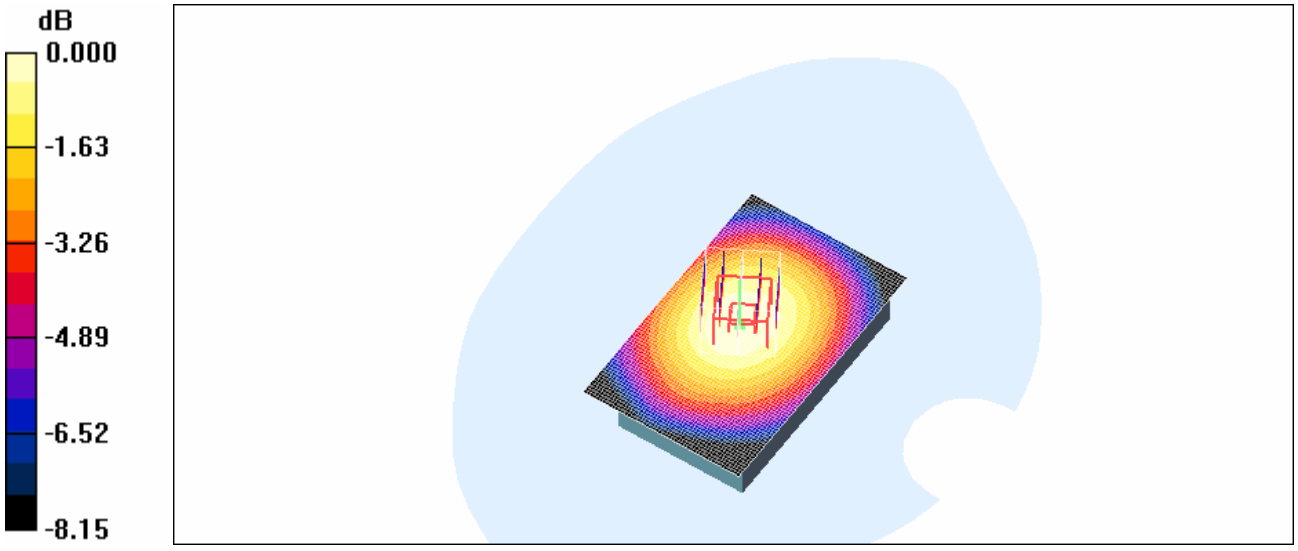
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.335 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.237 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.336 mW/g



0 dB = 0.336mW/g

Date/Time: 07/03/2008 3:51:50 PM

Test Laboratory: RTS
File Name:
Holster4_Front_headset_WCDMA_FDDV_mid_Chan_amb_temp_23.7_liq_temp_22.6.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

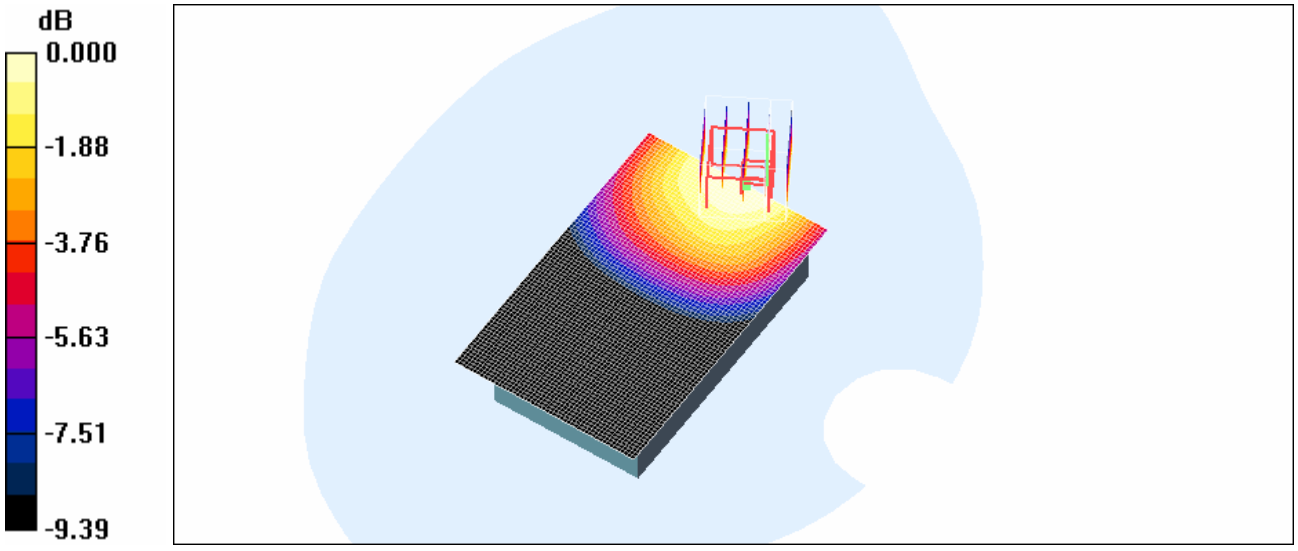
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.313 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.454mW/g

Date/Time: 07/03/2008 4:12:39 PM

Test Laboratory: RTS
File Name:
25mm_spacing_Front_WCDMA_FDDV_mid_Chan_amb_temp_23.8_liq_temp_22.7.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

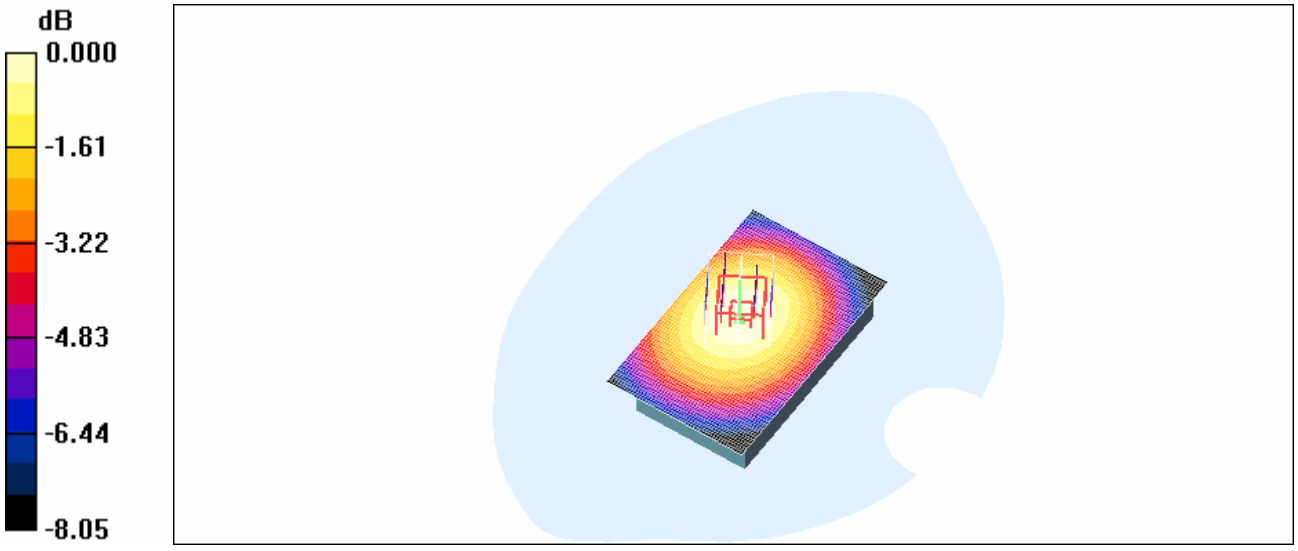
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.189 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.134 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.191mW/g

Date/Time: 07/03/2008 4:27:58 PM

Test Laboratory: RTS
File Name:
25mm_spacing_Back_WCDMA_FDDV_mid_Chan_amb_temp_23.5_liq_temp_22.5.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.945 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

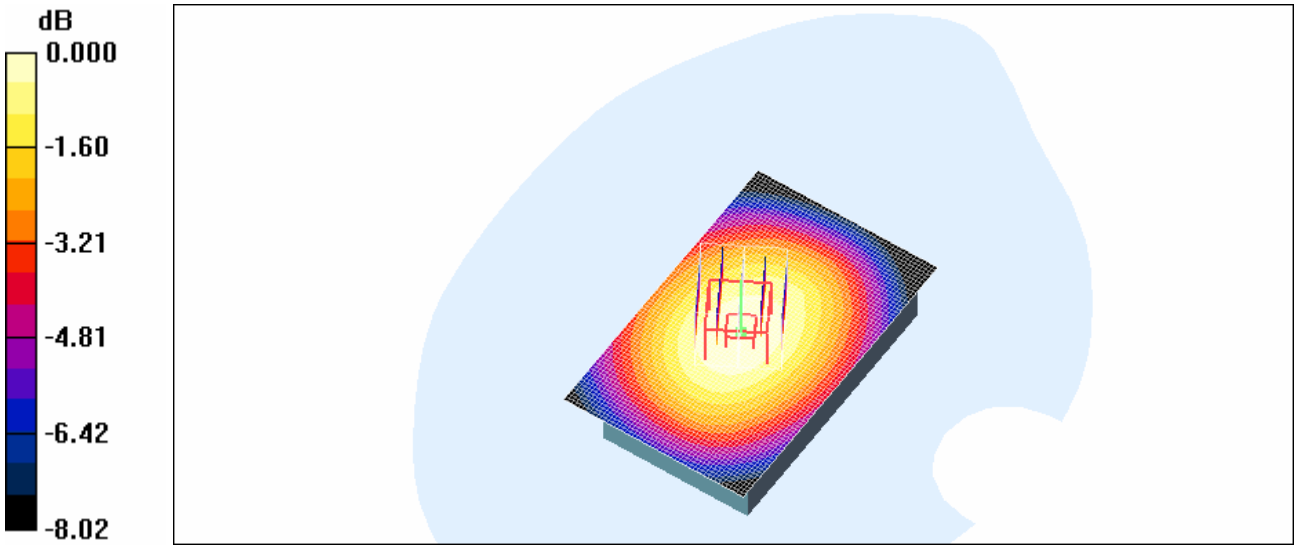
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.203 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.145 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.204 mW/g



0 dB = 0.204mW/g

Date/Time: 08/04/2008 2:40:27 PM

Test Laboratory: RTS
File Name:
Holster1_back_WCDMA_FDDII_mid_chan_amb_temp_23_2_liq_temp_21_7C.da4

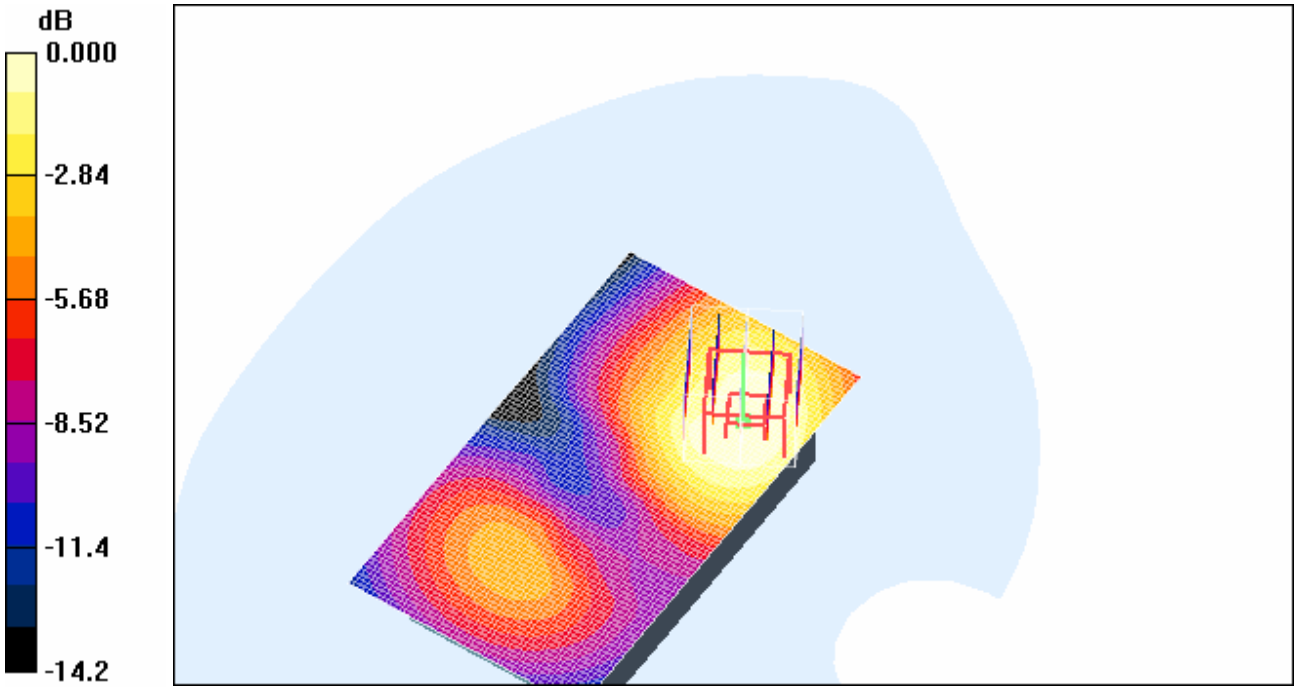
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.75, 4.75, 4.75); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.556 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.75 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.316 mW/g
Maximum value of SAR (measured) = 0.545 mW/g



0 dB = 0.545mW/g

Date/Time: 08/04/2008 2:55:23 PM

Test Laboratory: RTS
File Name:
Holster2_back_WCDMA_FDDII_mid_chan_amb_temp_23_5_liq_temp_21_7C.da4

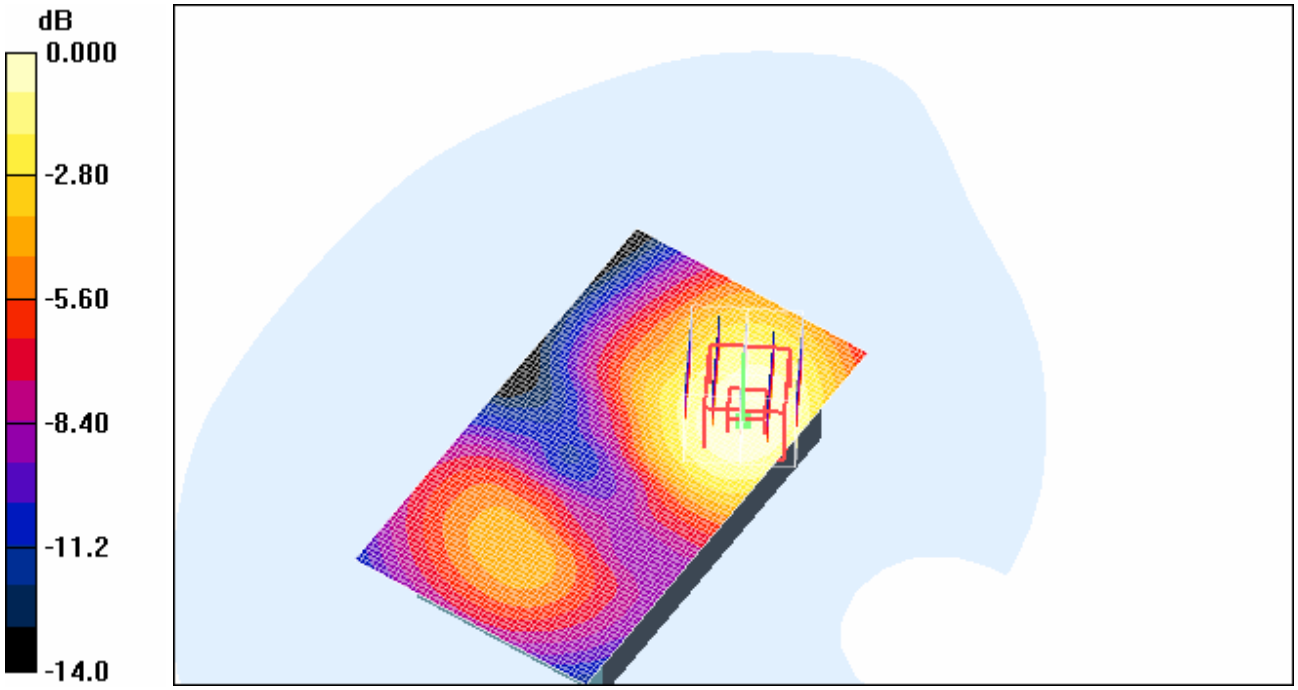
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.75, 4.75, 4.75); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.523 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.84 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.518 mW/g



0 dB = 0.518mW/g

Date/Time: 08/04/2008 3:09:53 PM

Test Laboratory: RTS
File Name:
Holster3_front_WCDMA_FDDII_mid_chan_amb_temp_23_4_liq_temp_21_8C.da4

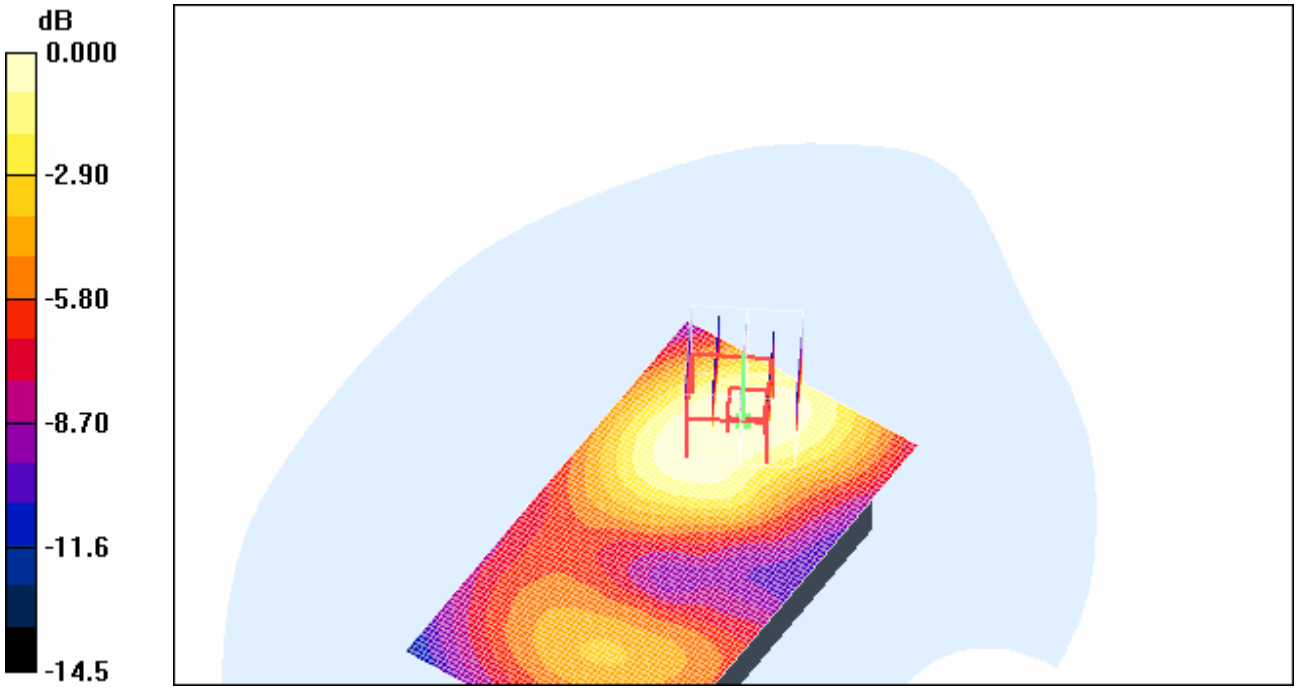
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.75, 4.75, 4.75); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.420 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.61 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.568 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.403mW/g

Date/Time: 08/04/2008 3:26:48 PM

Test Laboratory: RTS
File Name:
Holster4_front_WCDMA_FDDII_mid_chan_amb_temp_23_8_liq_temp_21_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing: P1528 Protocol

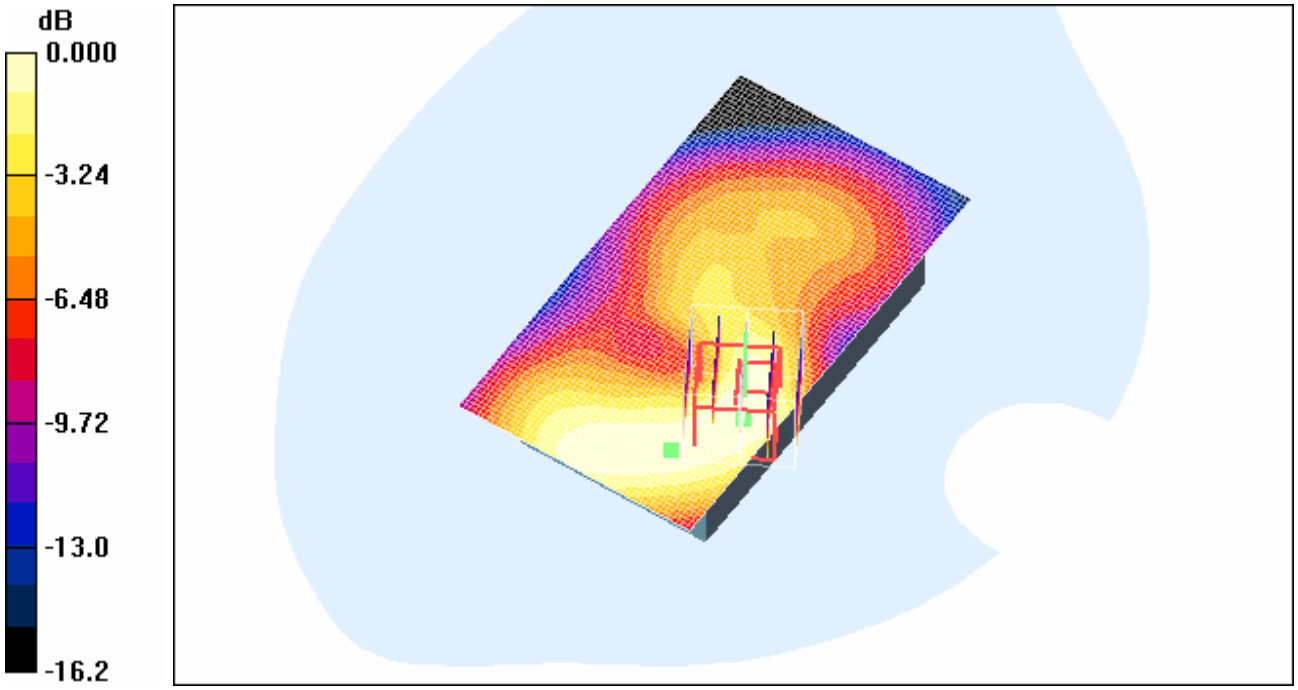
Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.75, 4.75, 4.75); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.837 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.1 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.834mW/g

Date/Time: 08/04/2008 3:42:40 PM

Test Laboratory: RTS
File Name:
Holster5_front_WCDMA_FDDII_mid_chan_amb_temp_23_9_liq_temp_22_0C.da4

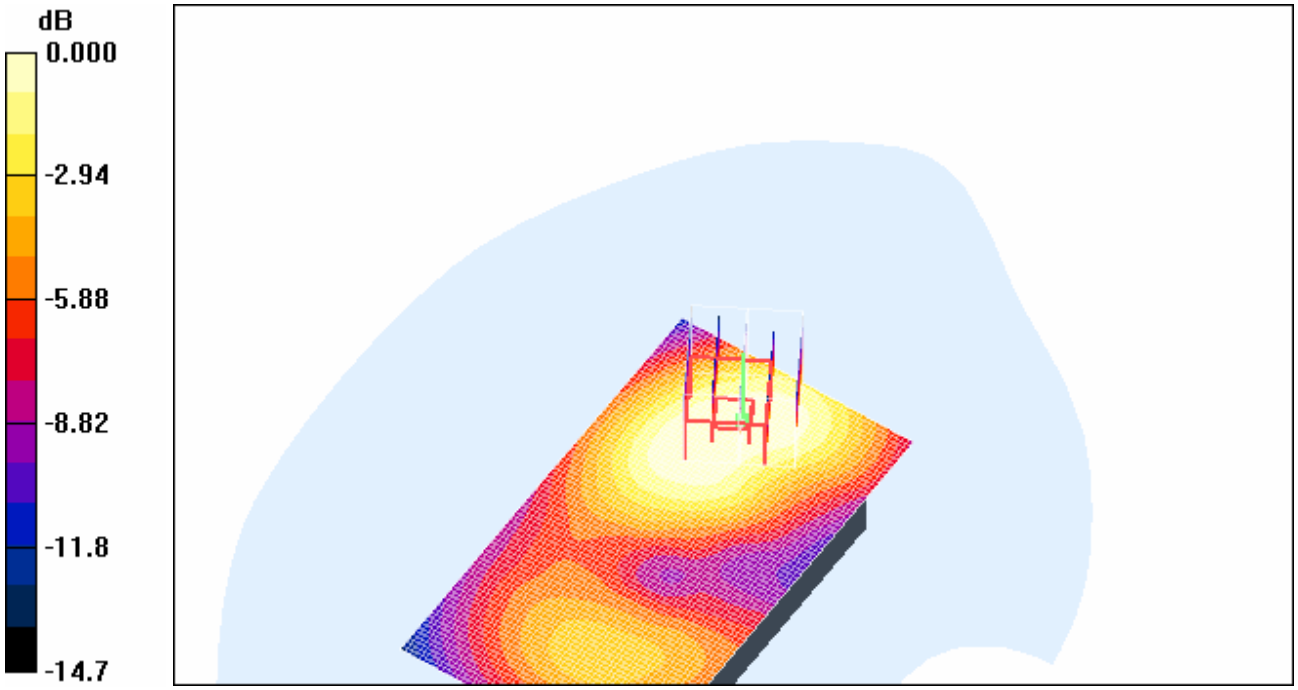
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.75, 4.75, 4.75); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.535 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.508 mW/g



0 dB = 0.508mW/g

Date/Time: 08/04/2008 5:37:24 PM

Test Laboratory: RTS
File Name:
Holster4_front_headset_WCDMA_FDDII_mid_chan_amb_temp_23_7_liq_temp_21_9_C.da4

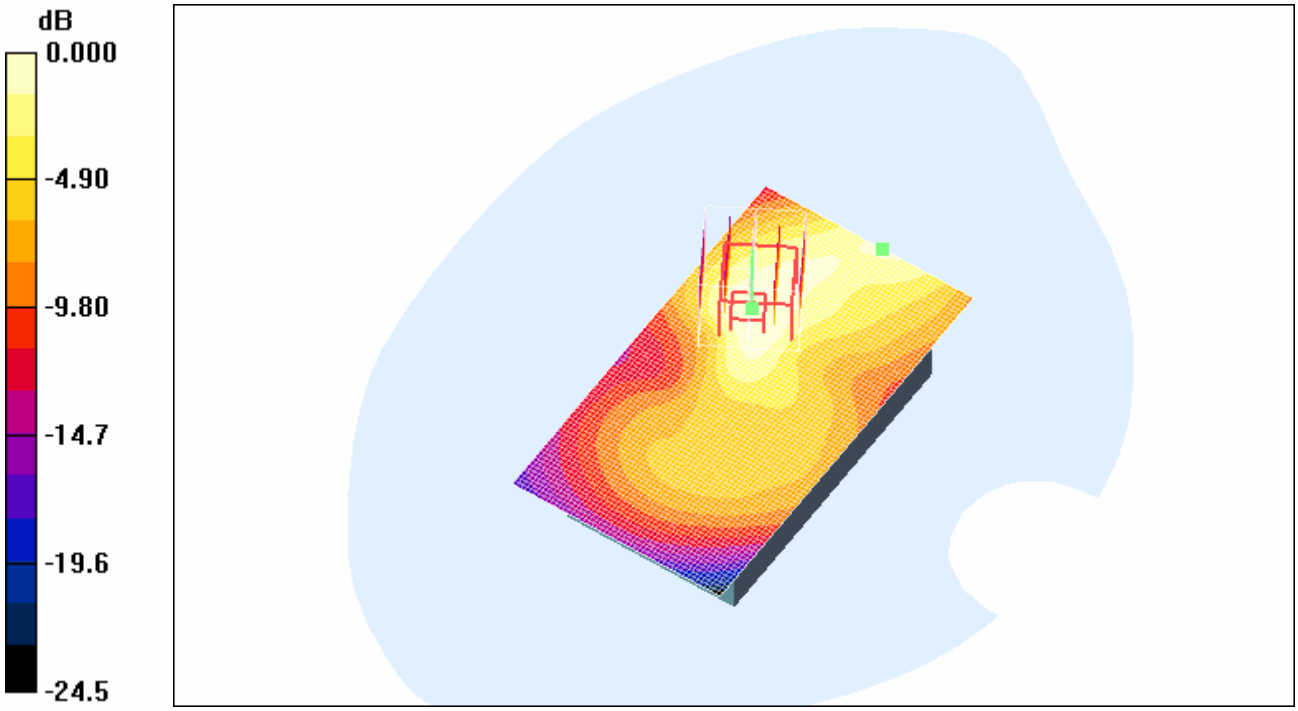
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.75, 4.75, 4.75); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.786 mW/g

Touch position - Mid_/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.902 mW/g



0 dB = 0.902mW/g

Date/Time: 08/04/2008 5:53:36 PM

Test Laboratory: RTS
File Name:
25mm_spacing_back_WCDMA_FDDII_mid_chan_amb_temp_23_6_liq_temp_21_8C.da4

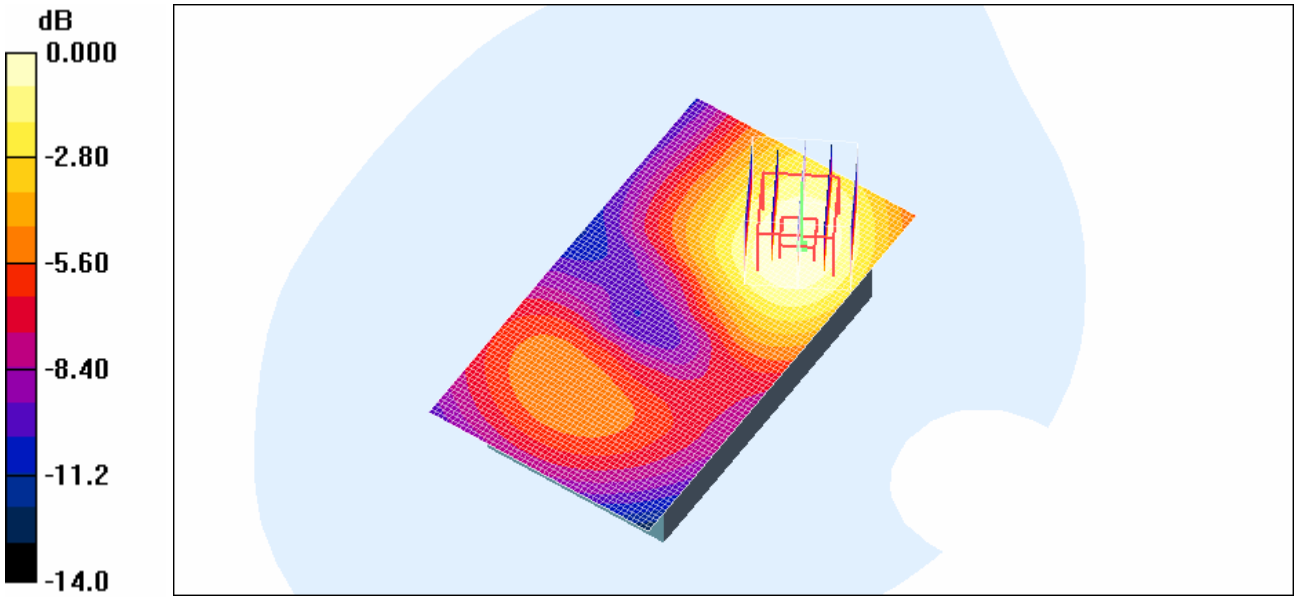
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(4.75, 4.75, 4.75); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.370 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.38 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.549 W/kg
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.366 mW/g



0 dB = 0.366mW/g

Date/Time: 10/03/2008 10:26:34 AM

Test Laboratory: RTS
File Name: Holster1_back_GPRS850_mid_Chan_amb_temp_23_2_liq_temp_22_3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

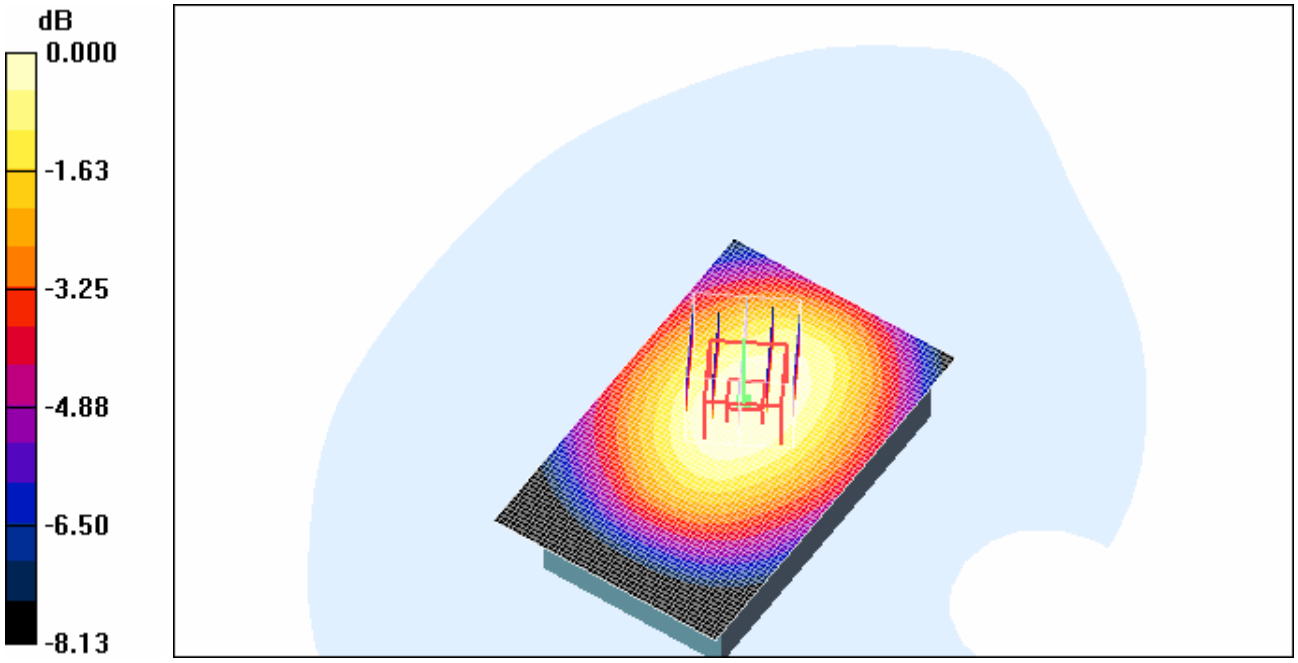
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.419 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.8 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.470 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.294 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.411 mW/g



0 dB = 0.411mW/g

Date/Time: 10/03/2008 10:40:20 AM

Test Laboratory: RTS
File Name: Holster2_back_GPRS850_mid_Chan_amb_temp_23_5_liq_temp_22_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

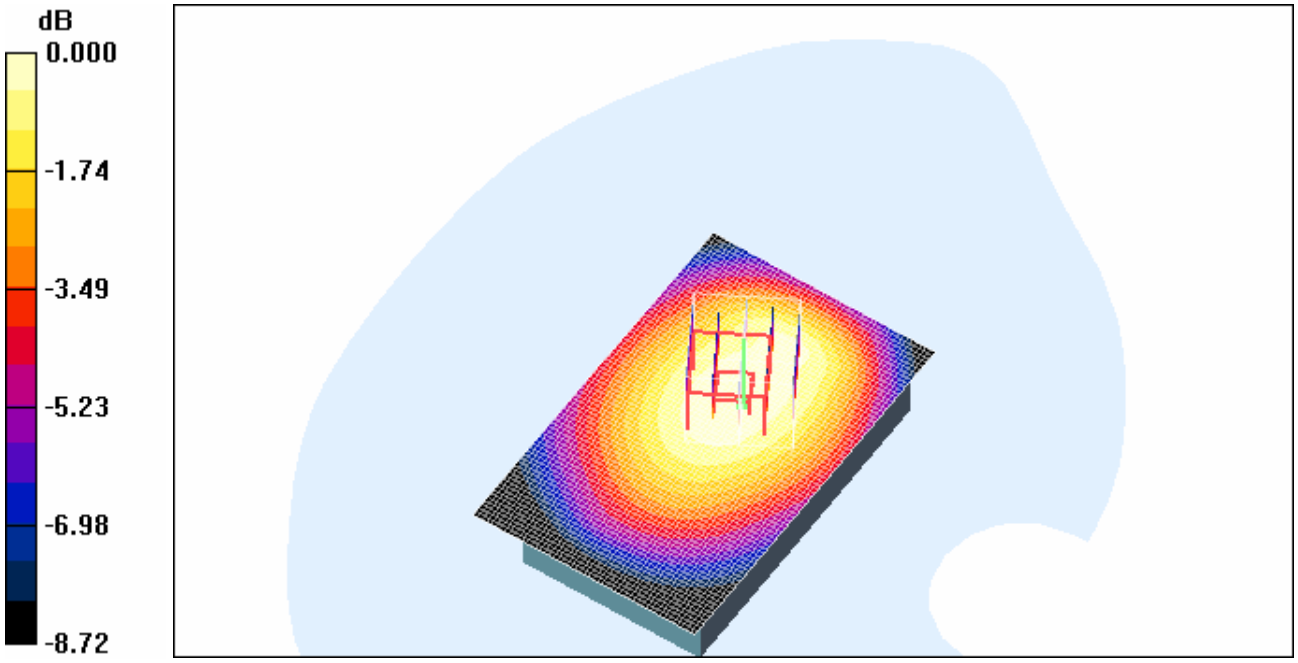
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.485 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.583 W/kg
SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.346 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.492mW/g

Date/Time: 10/03/2008 10:54:48 AM

Test Laboratory: RTS
File Name: Holster2_front_GPRS850_mid_Chan_amb_temp_24_0_liq_temp_22_7C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

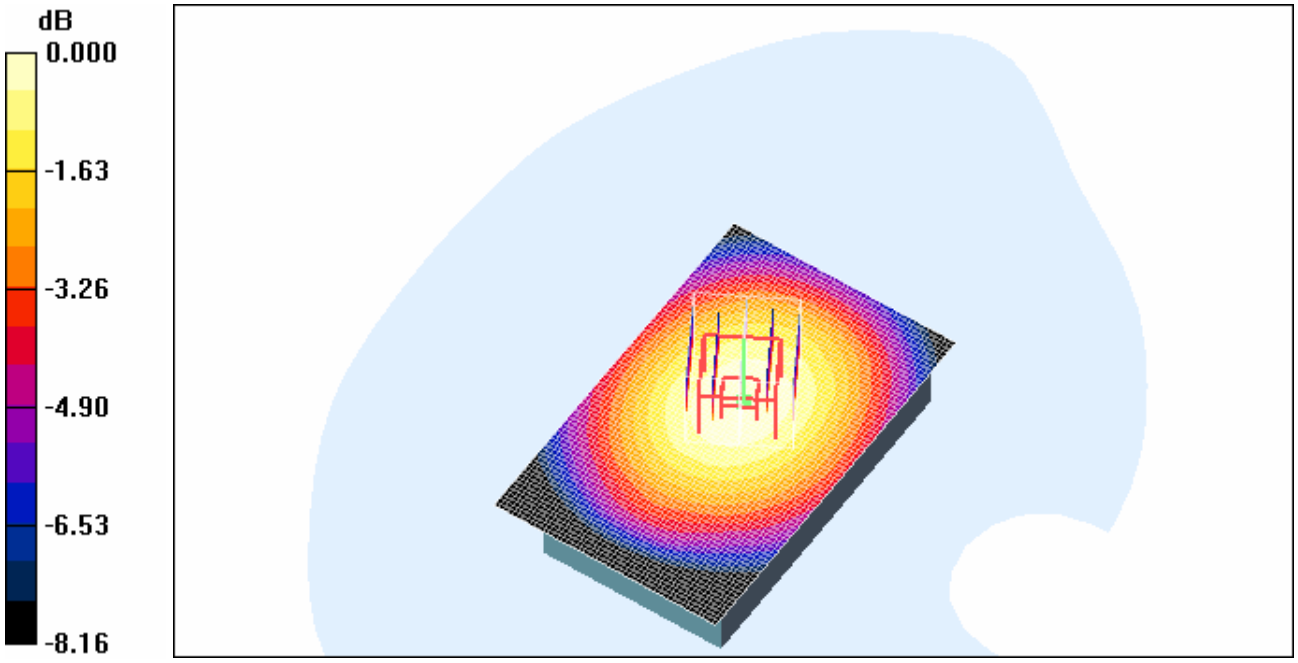
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.508 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.9 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.364 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.515 mW/g



0 dB = 0.515mW/g

Date/Time: 10/03/2008 11:10:55 AM

Test Laboratory: RTS
File Name: Holster3_front_GPRS850_mid_Chan_amb_temp_24_1_liq_temp_22_6C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

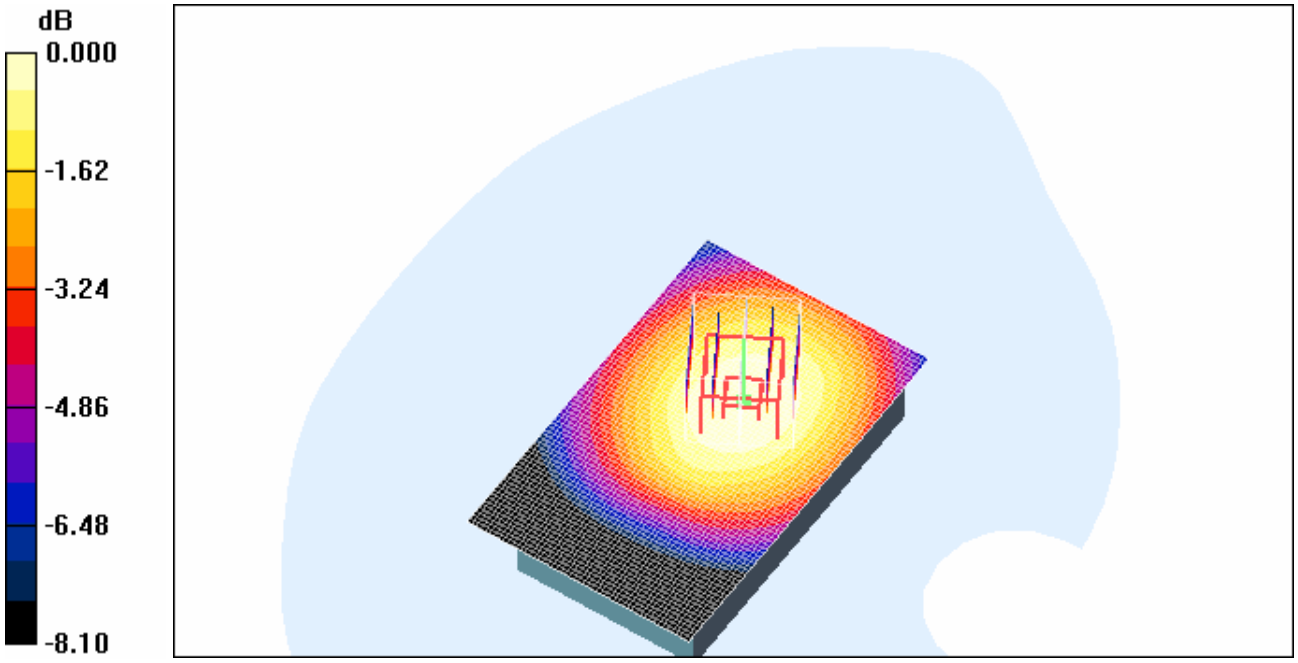
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.465 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = -0.215 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.329 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.460 mW/g



0 dB = 0.460mW/g

Date/Time: 21/04/2008 2:59:30 PM

Test Laboratory: RTS
File Name: Holster4_front_GPRS850_mid_Chan_amb_temp_23_3_liq_temp_22_4C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.983 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

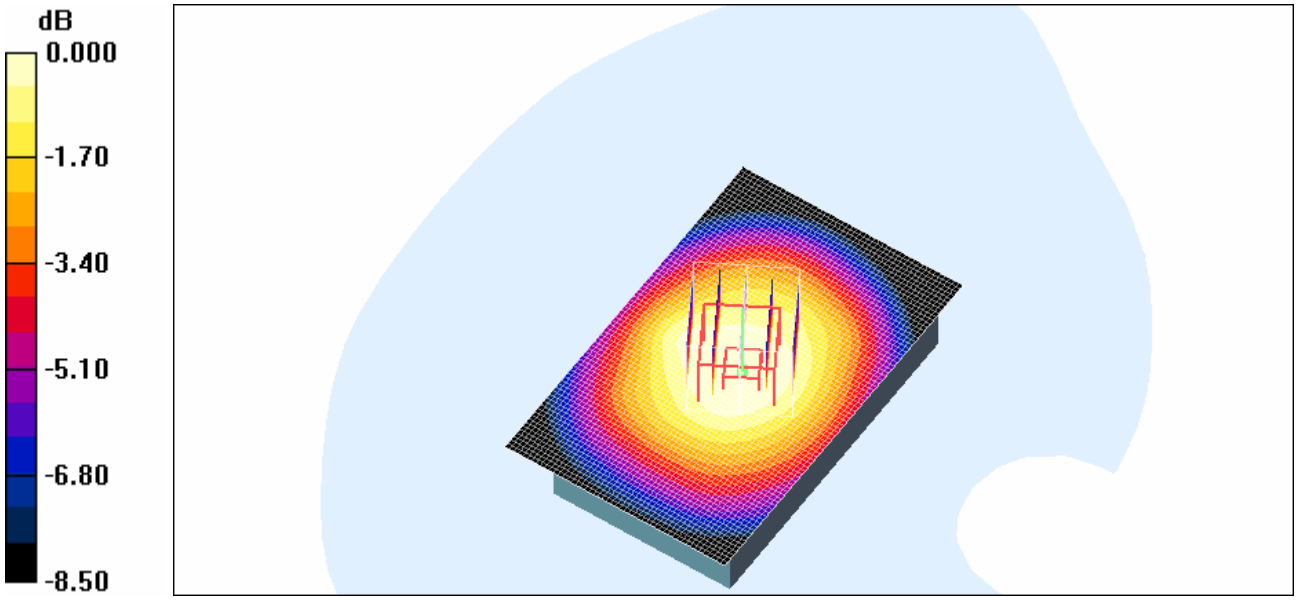
DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5.85, 5.85, 5.85); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.835 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 0.916 W/kg
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.586 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.810 mW/g



0 dB = 0.810mW/g

Date/Time: 10/03/2008 11:42:29 AM

Test Laboratory: RTS
File Name: Holster5_front_GPRS850_mid_Chan_amb_temp_23_7_liq_temp_21_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

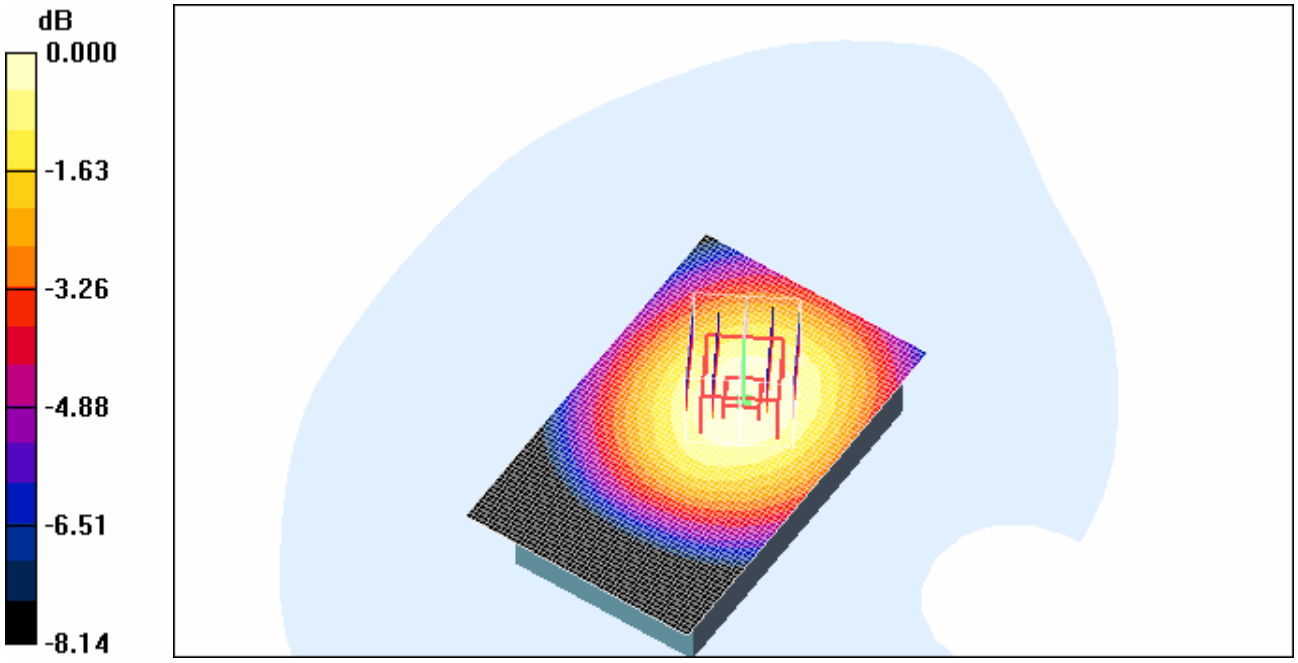
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.538 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.384 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.538 mW/g



0 dB = 0.538mW/g

Date/Time: 10/03/2008 11:59:50 AM

Test Laboratory: RTS
File Name:
Holster4_front_headset_GPRS850_mid_Chan_amb_temp_24_2_liq_temp_22_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

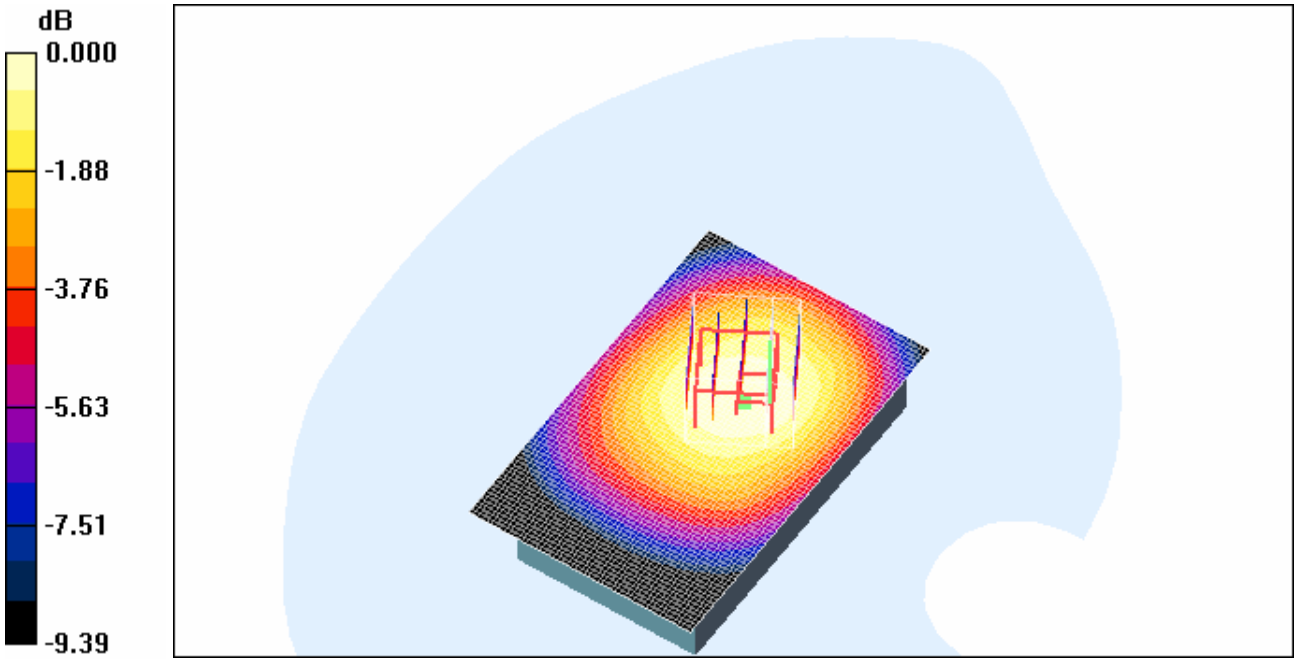
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.658 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.451 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.655 mW/g



0 dB = 0.655mW/g

Date/Time: 10/03/2008 12:14:54 PM

Test Laboratory: RTS
File Name:
Bodyworn_back_25mm_GPRS850_mid_Chan_amb_temp_24_8_liq_temp_22_3C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

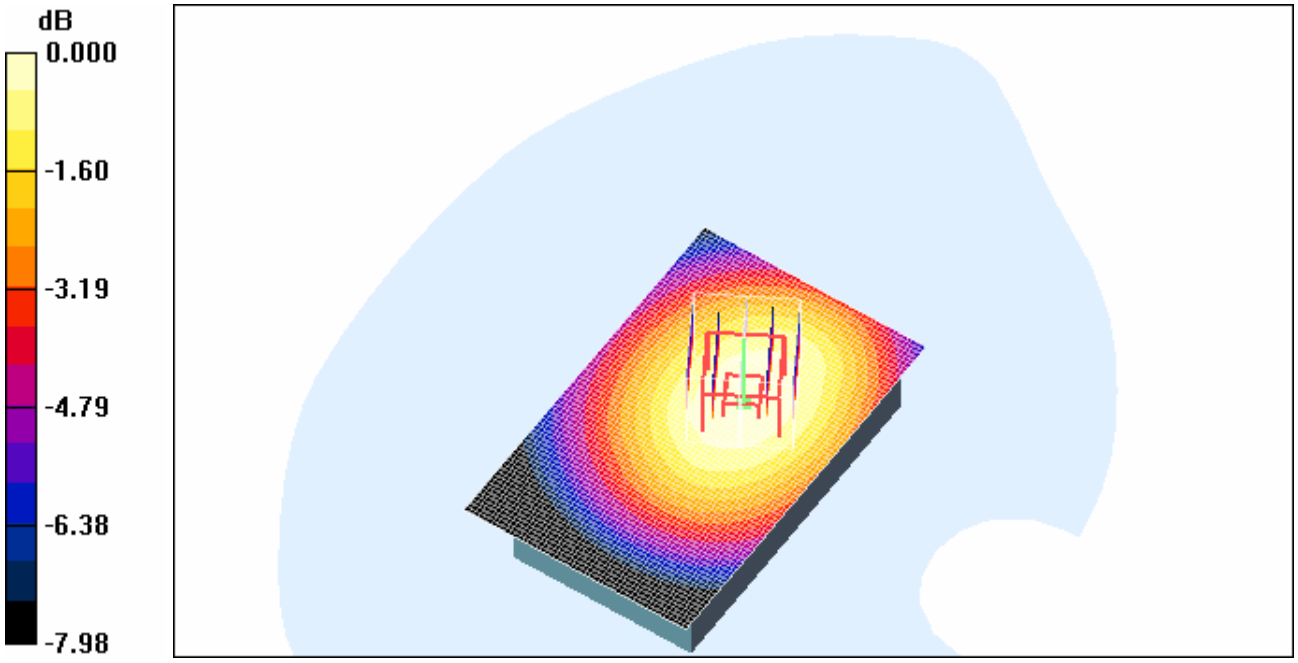
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.243 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.342 mW/g



0 dB = 0.342mW/g

Date/Time: 10/03/2008 12:27:39 PM

Test Laboratory: RTS
File Name: Front_25mm_GPRS850_mid_Chan_amb_temp_24_2_liq_temp_22_2C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE557
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 850; Frequency: 836.8 MHz;Duty Cycle: 1:4.2
Medium parameters used (interpolated): f = 836.8 MHz; σ = 0.963 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

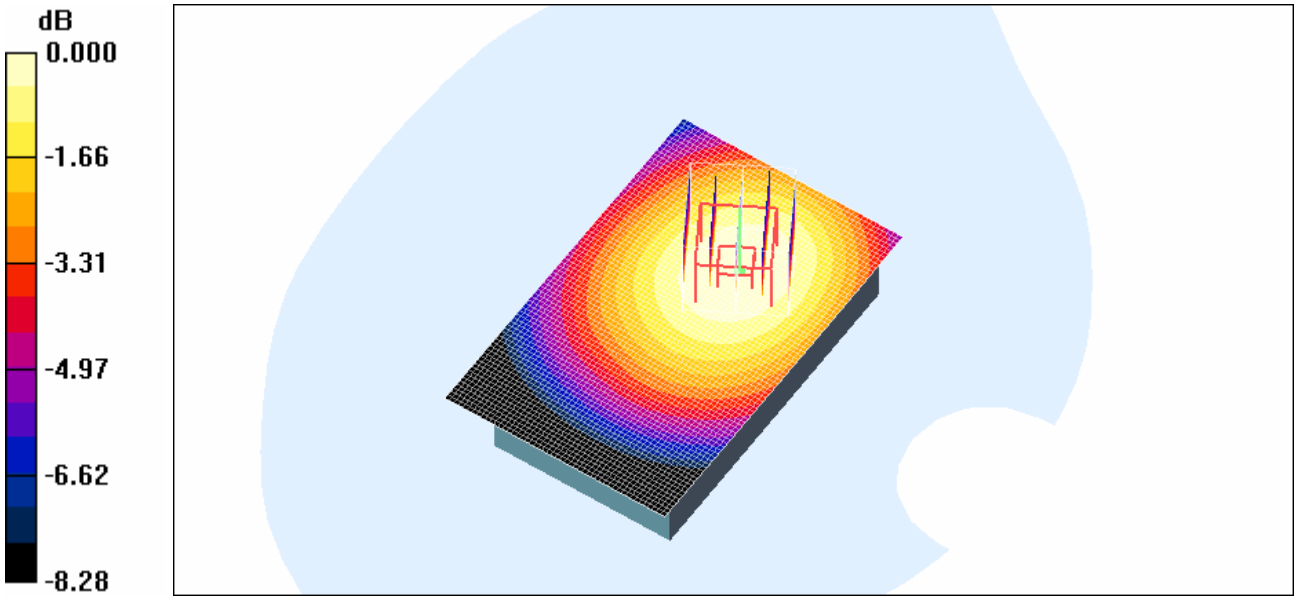
DASY4 Configuration:
- Probe: ET3DV6 - SN1644; ConvF(5.97, 5.97, 5.97); Calibrated: 12/11/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.313 mW/g

Touch position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.224 mW/g

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.312 mW/g



0 dB = 0.312mW/g

Date/Time: 16/04/2008 2:33:04 PM

Test Laboratory: RTS
File Name:
Holster1_back_GPRS1900_Mid_Chan_amb_temp_23_9_liq_temp_22_7C.da4

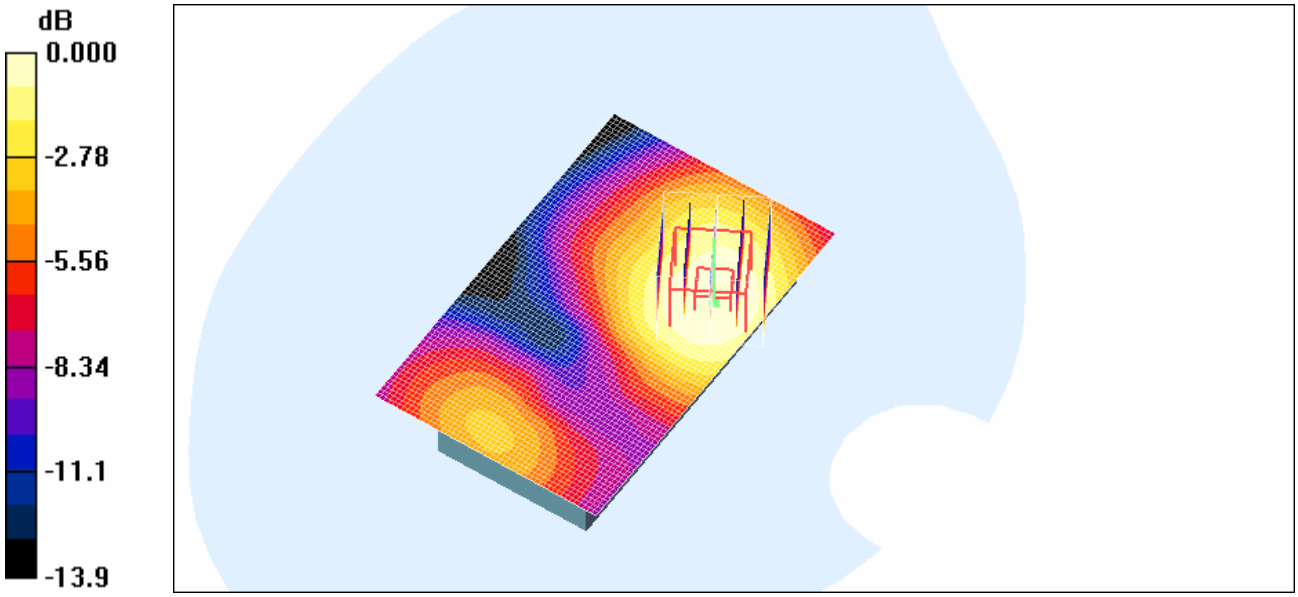
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5, 5, 5); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.361 mW/g

Touch Position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.244 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.349 mW/g



0 dB = 0.349mW/g

Date/Time: 16/04/2008 2:49:30 PM

Test Laboratory: RTS
File Name:
Holster2_back_GPRS1900_Mid_Chan_amb_temp_23_6_liq_temp_22_6C.da4

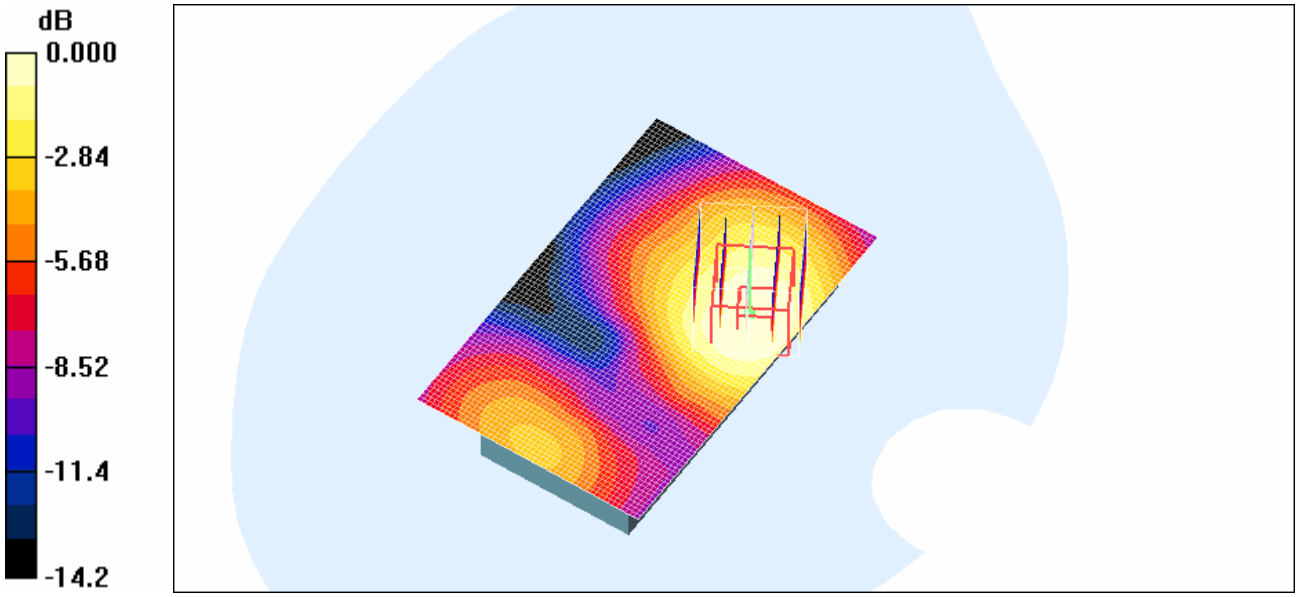
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5, 5, 5); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.378 mW/g

Touch Position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368mW/g

Date/Time: 16/04/2008 3:08:13 PM

Test Laboratory: RTS
File Name:
Holster3_Front_GPRS1900_Mid_Chan_amb_temp_23_8_liq_temp_22_9C.da4

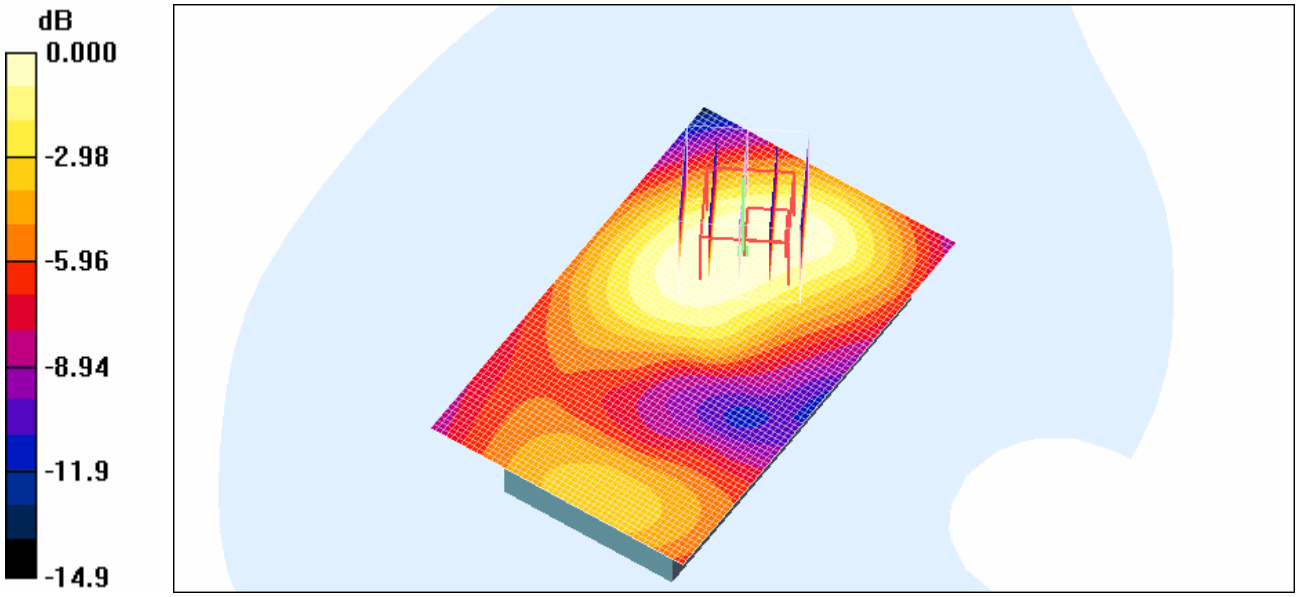
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5, 5, 5); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.271 mW/g

Touch Position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.265 mW/g



0 dB = 0.265mW/g

Date/Time: 16/04/2008 3:26:44 PM

Test Laboratory: RTS
File Name:
Holster4_Front_GPRS1900_Mid_Chan_amb_temp_24.0_liq_temp_23.0C.da4

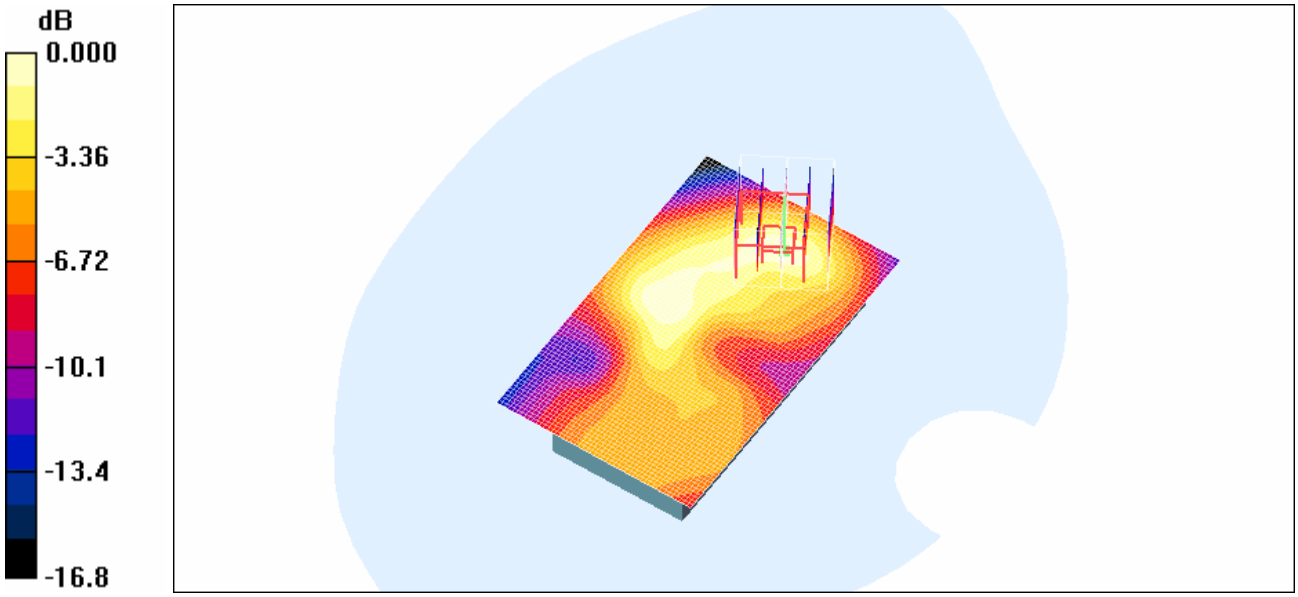
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5, 5, 5); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.496 mW/g

Touch Position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.252 mW/g
Maximum value of SAR (measured) = 0.514 mW/g



0 dB = 0.514mW/g

Date/Time: 16/04/2008 4:27:54 PM

Test Laboratory: RTS
File Name:
Holster5_Front_GPRS1900_Mid_Chan_amb_temp_24.1_liq_temp_23.1C.da4

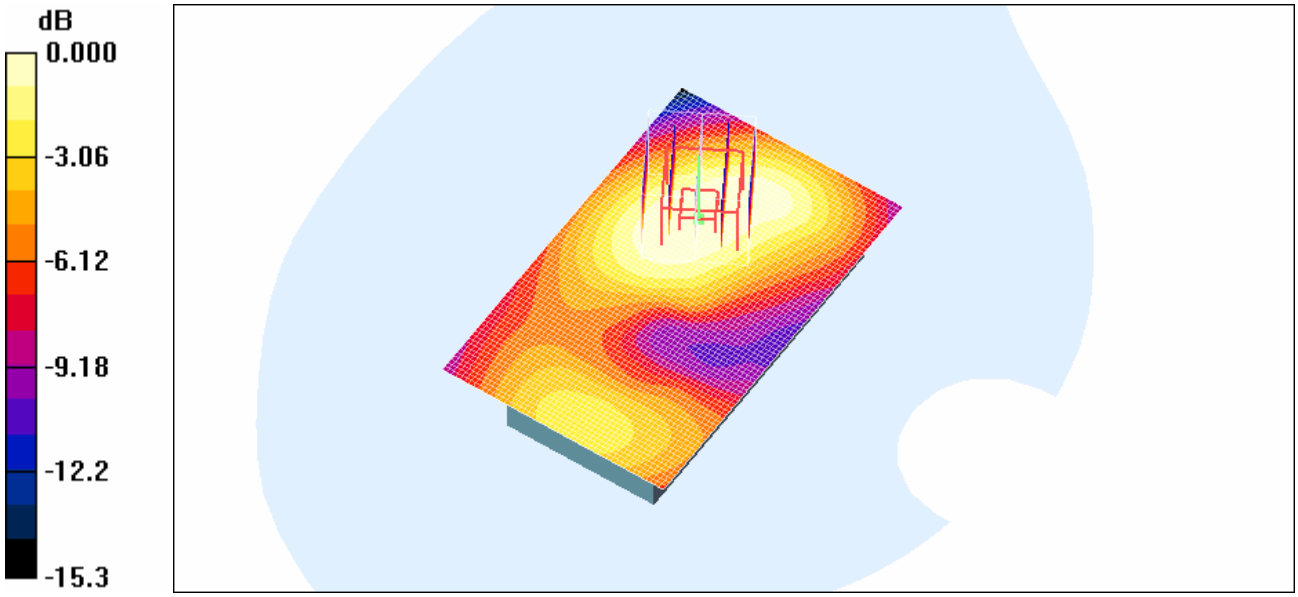
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5, 5, 5); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.323 mW/g

Touch Position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.487 W/kg
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.319 mW/g



0 dB = 0.319mW/g

Date/Time: 16/04/2008 3:48:38 PM

Test Laboratory: RTS
File Name:
Holster4_Headset_Front_GPRS1900_Mid_Chan_amb_temp_23.7_liq_temp_22.9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

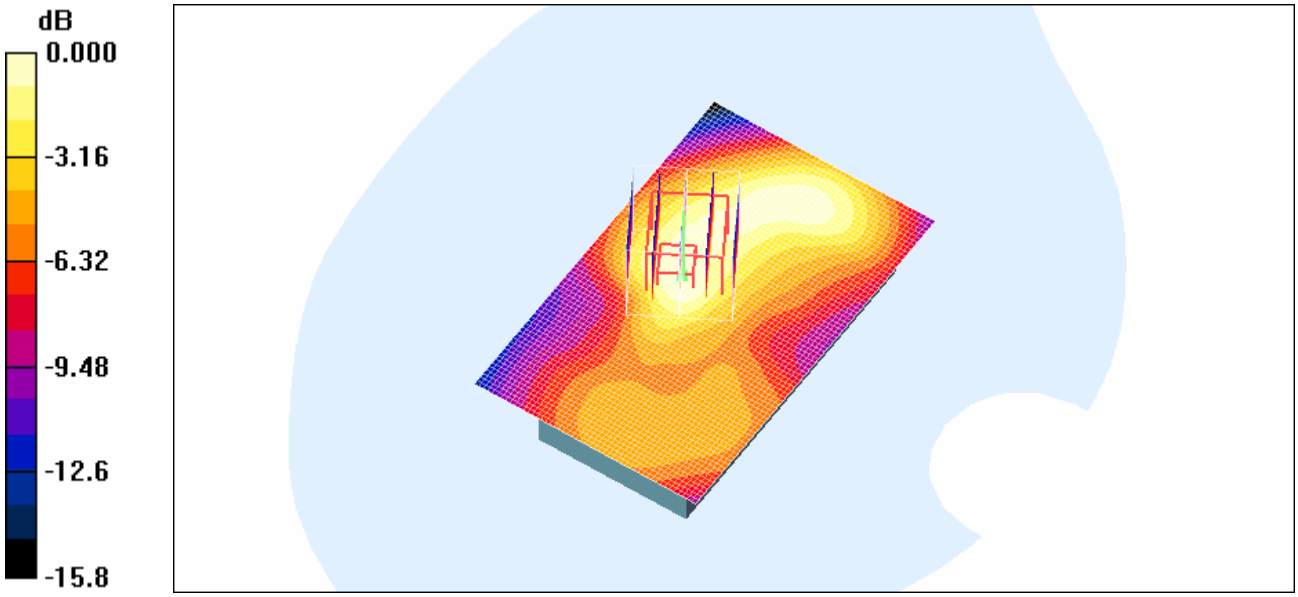
Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5, 5, 5); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Touch Position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = 0.065 dB
Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.497 mW/g



0 dB = 0.497mW/g

Date/Time: 16/04/2008 4:44:56 PM

Test Laboratory: RTS
File Name: 25mm_Back_GPRS1900_Mid_Chan_amb_temp_23.9_liq_temp_23.0C.da4

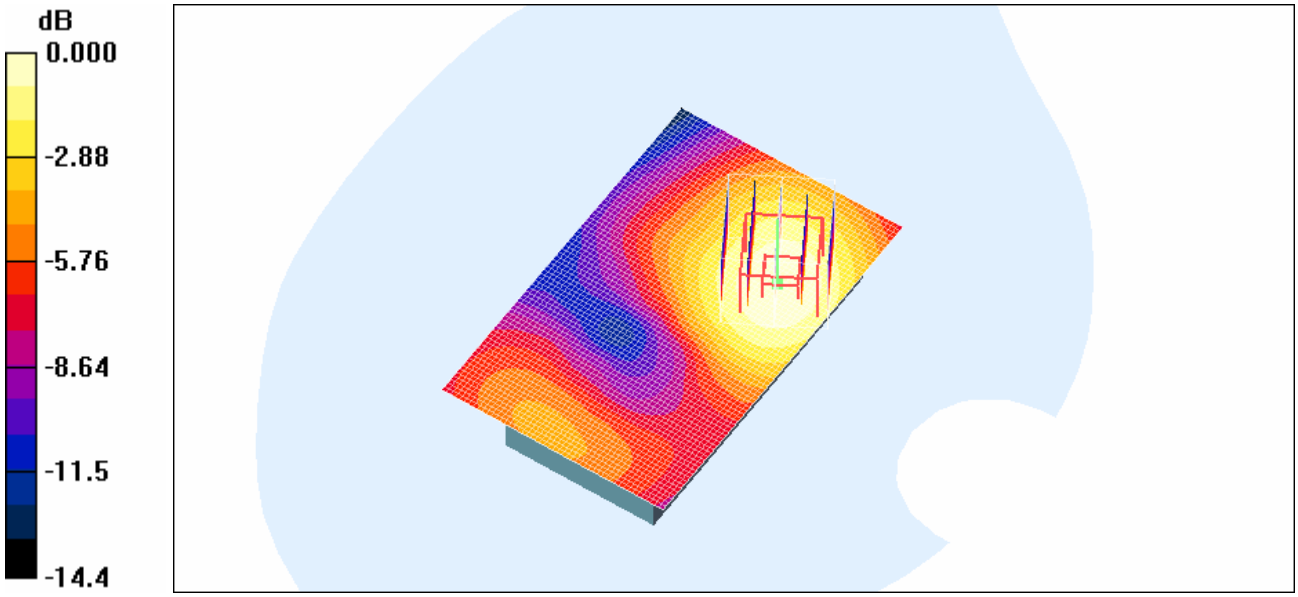
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206EB7B2
Program Name: Compliance Testing P1528 Protocol

Communication System: GPRS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ET3DV6 - SN1643; ConvF(5, 5, 5); Calibrated: 11/03/2008
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Touch Position - Mid/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 8.56 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.243 mW/g



0 dB = 0.243mW/g

Date/Time: 12/03/2008 6:35:22 PM

Test Laboratory: RTS
File Name: Holster_4_Front_802_11b_high_chan_amb_temp_23.7_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

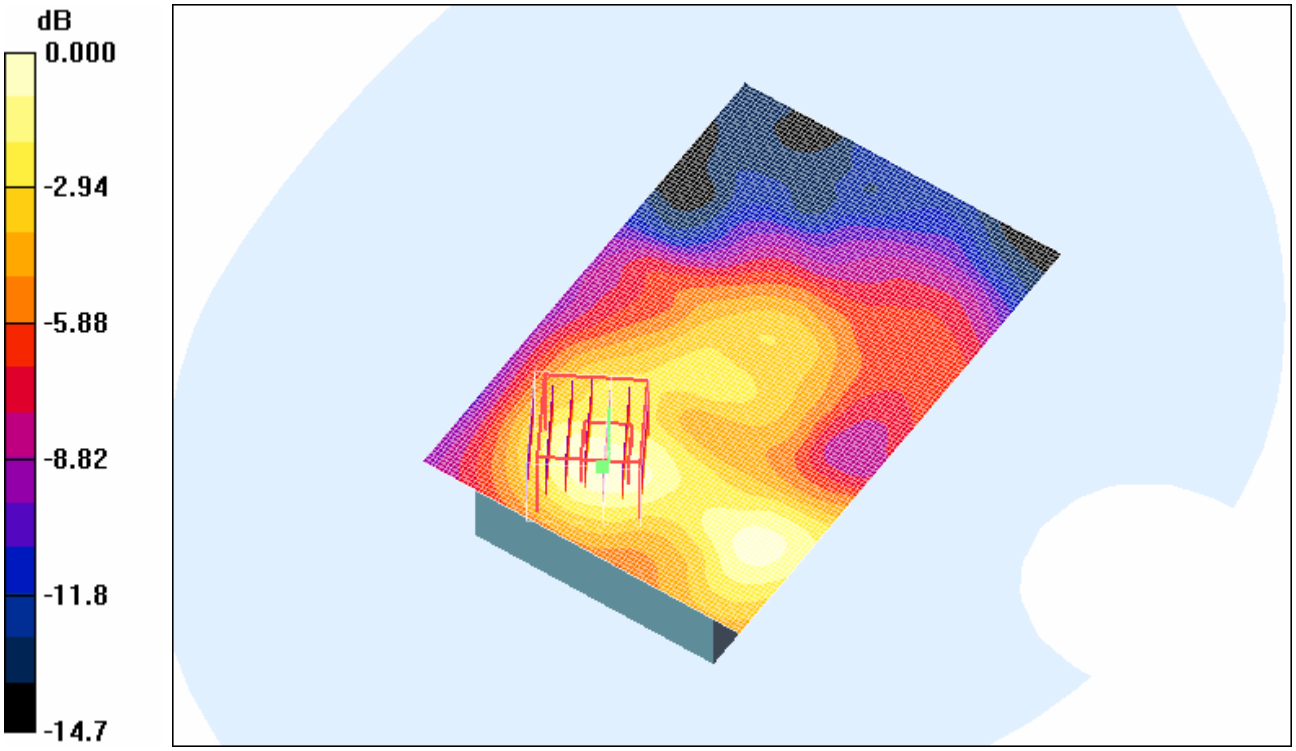
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.132 mW/g

Body - High/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.90 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.048 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.132mW/g

Date/Time: 12/03/2008 6:57:05 PM

Test Laboratory: RTS
File Name: Holster_1_Back_802_11b_high_chan_amb_temp_23.9_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

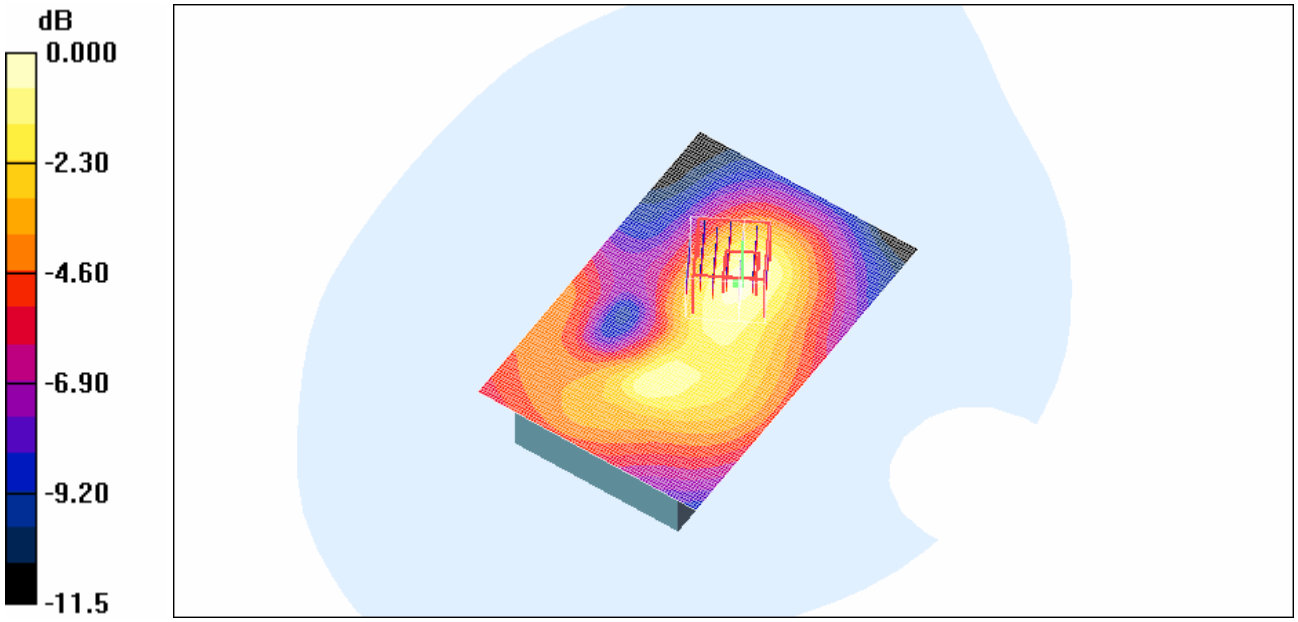
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.167 mW/g

Body - High_/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 7.59 V/m; Power Drift = 1.35 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.078 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

Date/Time: 12/03/2008 7:25:54 PM

Test Laboratory: RTS
File Name: Holster_2_Back_802_11b_high_chan_amb_temp_24.0_liq_temp_23.1.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

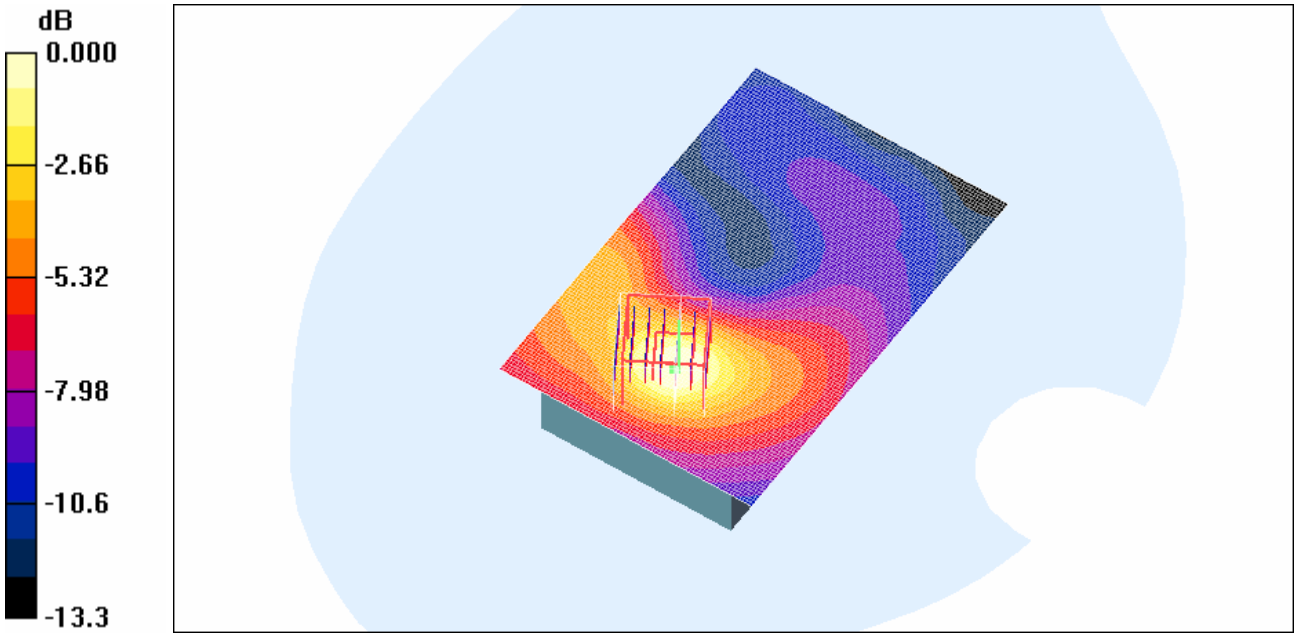
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.292 mW/g

Body - High_/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.79 V/m; Power Drift = -0.245 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.094 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.274mW/g

Date/Time: 12/03/2008 8:35:16 PM

Test Laboratory: RTS
File Name: Holster_3_Front_802_11b_high_chan_amb_temp_24.0_liq_temp_23.2.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

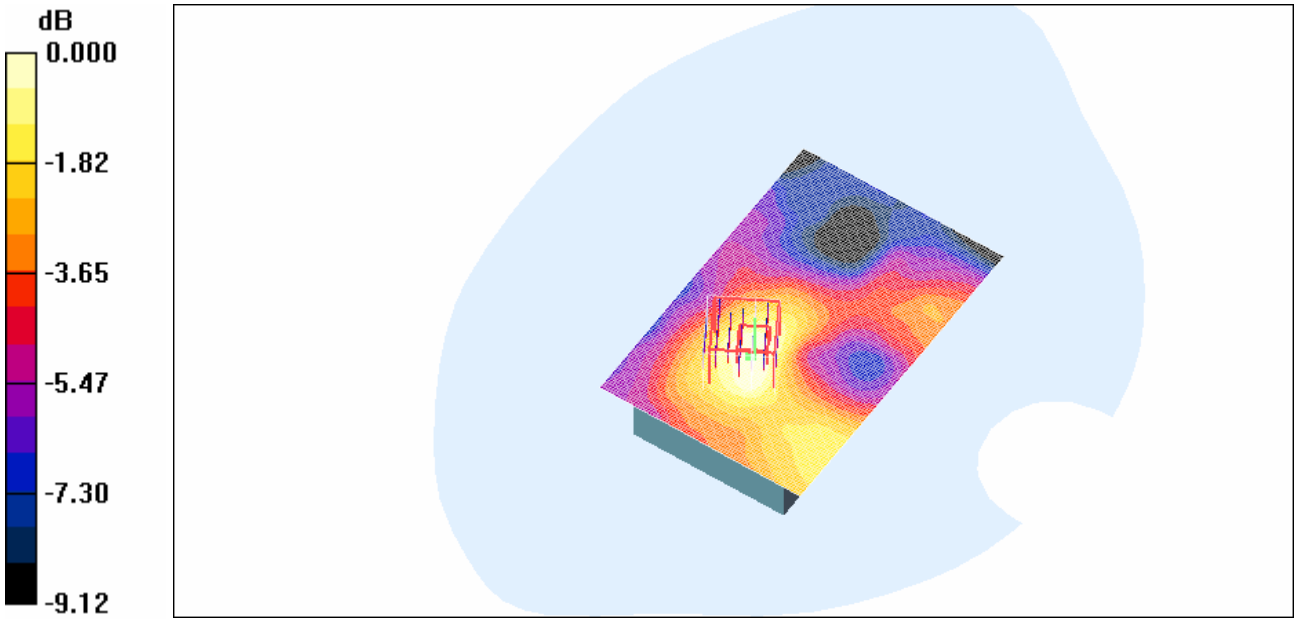
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.042 mW/g

Body - High_/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.69 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.052 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.019 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.041 mW/g



0 dB = 0.041mW/g

Date/Time: 12/03/2008 9:05:31 PM

Test Laboratory: RTS
File Name:
Holster_5_Front_802_11b_high_chan_amb_temp_24.1_liq_temp_23.4da4.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

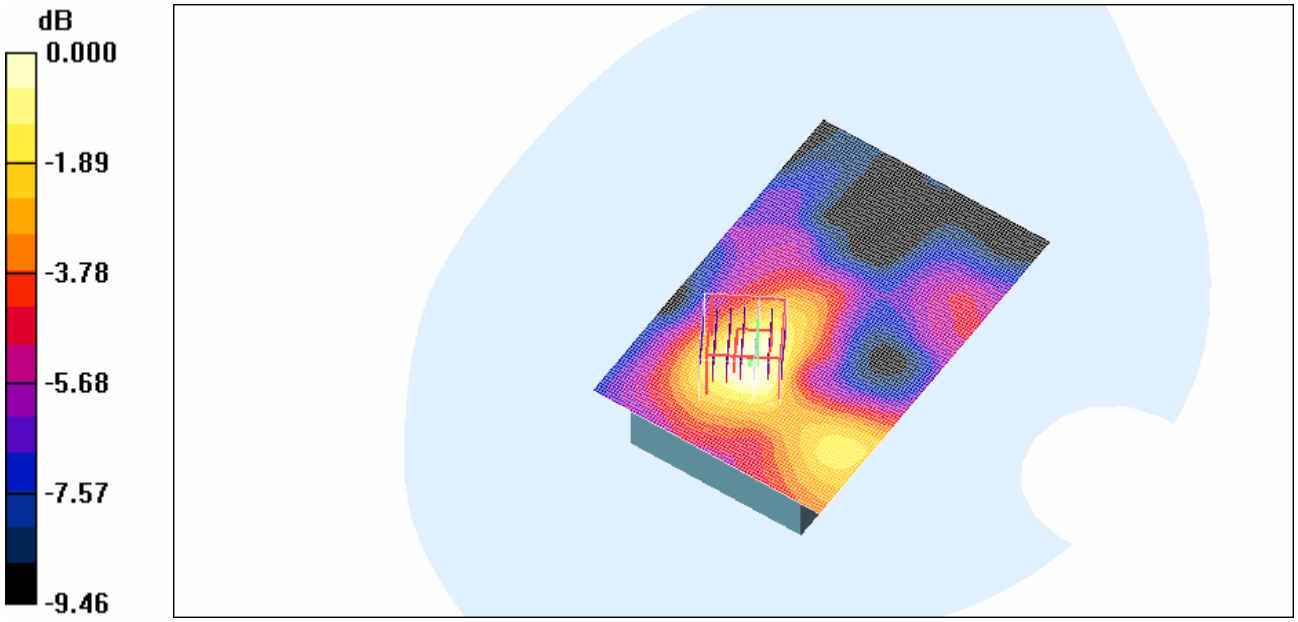
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.060 mW/g

Body - High_/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.96 V/m; Power Drift = -0.201 dB
Peak SAR (extrapolated) = 0.073 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.025 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.059 mW/g



0 dB = 0.059mW/g

Date/Time: 12/03/2008 9:35:10 PM

Test Laboratory: RTS
File Name: Holster_2_Front_802_11b_high_chan_amb_temp_24.2_liq_temp_23.3.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

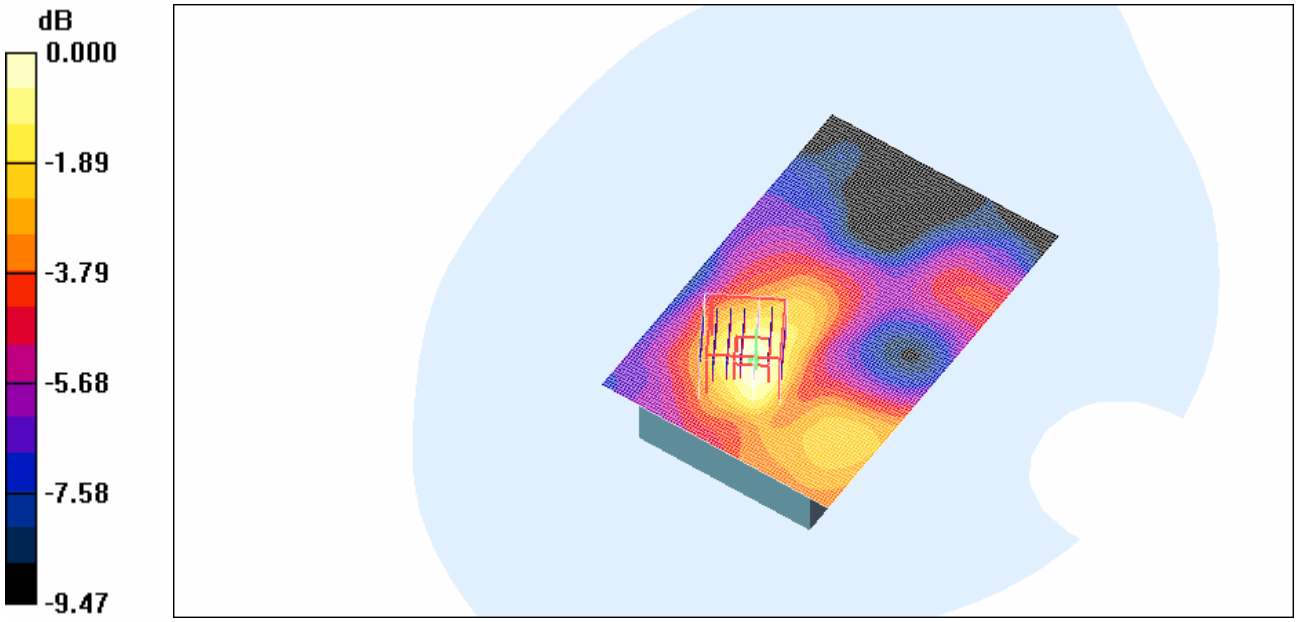
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

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

Body - High_/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.84 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.072 W/kg
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.023 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.056 mW/g



0 dB = 0.056mW/g

Date/Time: 12/03/2008 10:08:00 PM

Test Laboratory: RTS
File Name:
Holster_2_Back_Headset_802_11b_high_chan_amb_temp_24.4_liq_temp_23.4.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

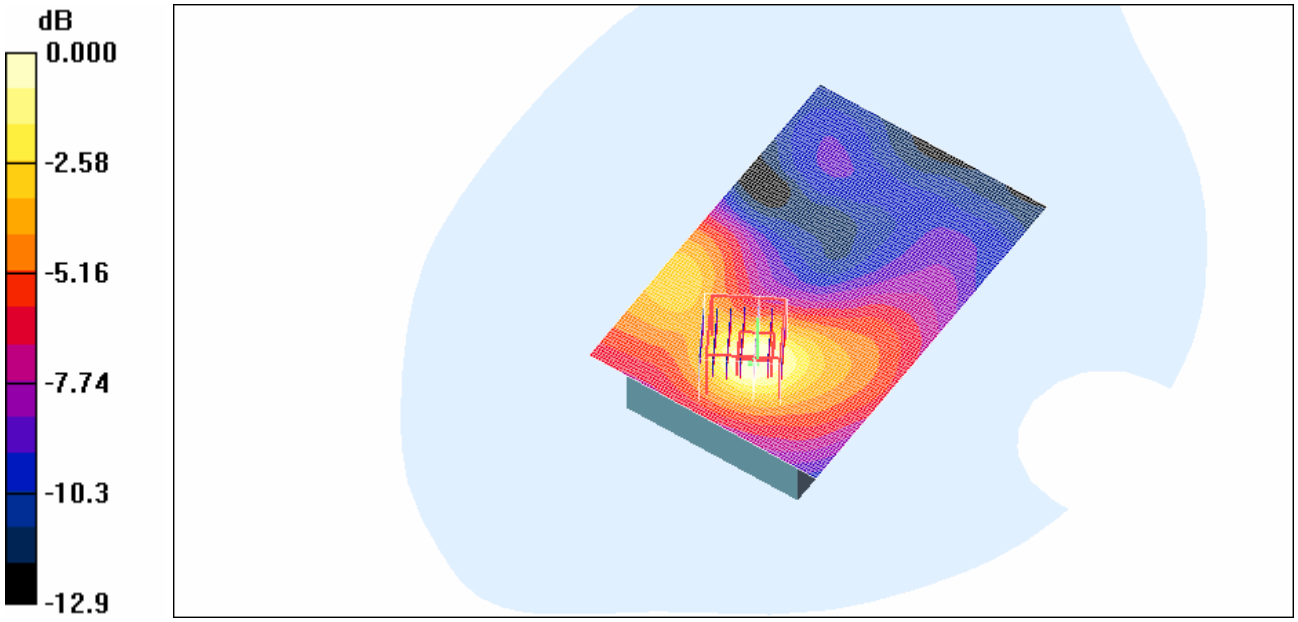
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.231 mW/g

Body - High_/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.56 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.078 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

Date/Time: 12/03/2008 10:35:05 PM

Test Laboratory: RTS
File Name: 25_mm_spacing_802_11b_high_chan_amb_temp_24.3_liq_temp_23.4.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: 802.11 b (2450); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.02 mho/m; ε_r = 51.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

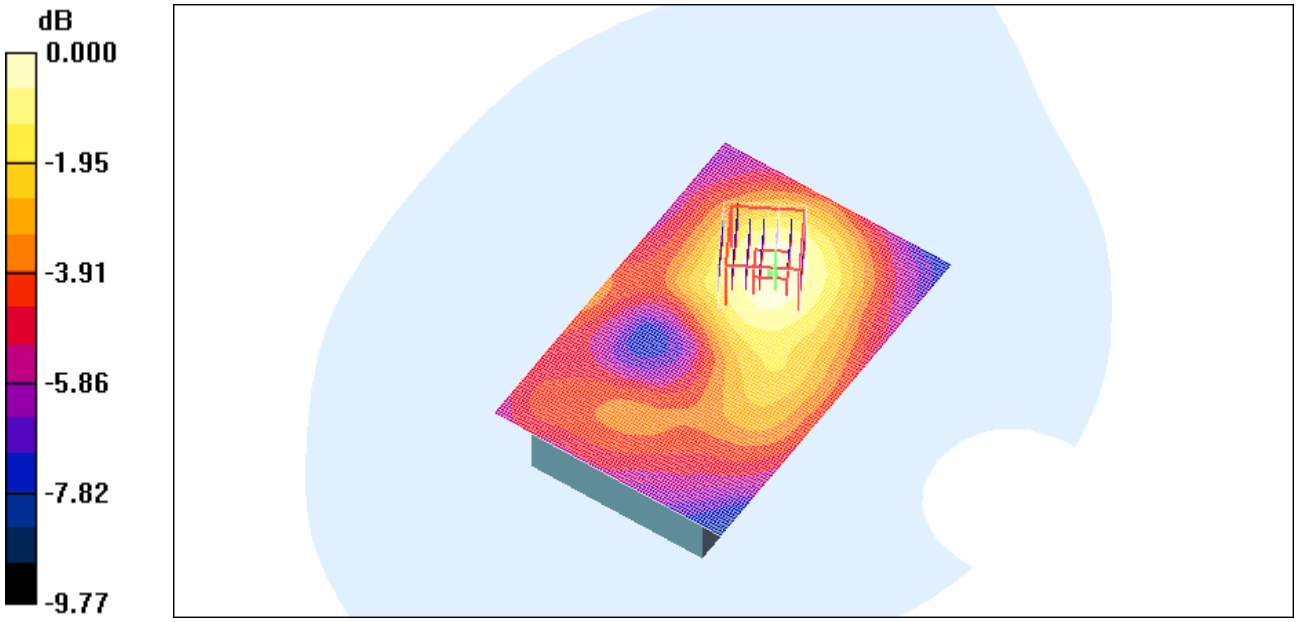
Body - High_/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.096 mW/g

Body - High_/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.66 V/m; Power Drift = 1.60 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.042 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.096 mW/g



0 dB = 0.096mW/g

Date/Time: 25/03/2008 11:24:44 PM

Test Laboratory: RTS
File Name: Holster_1_Back_Bluetooth_amb_temp_24.2_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

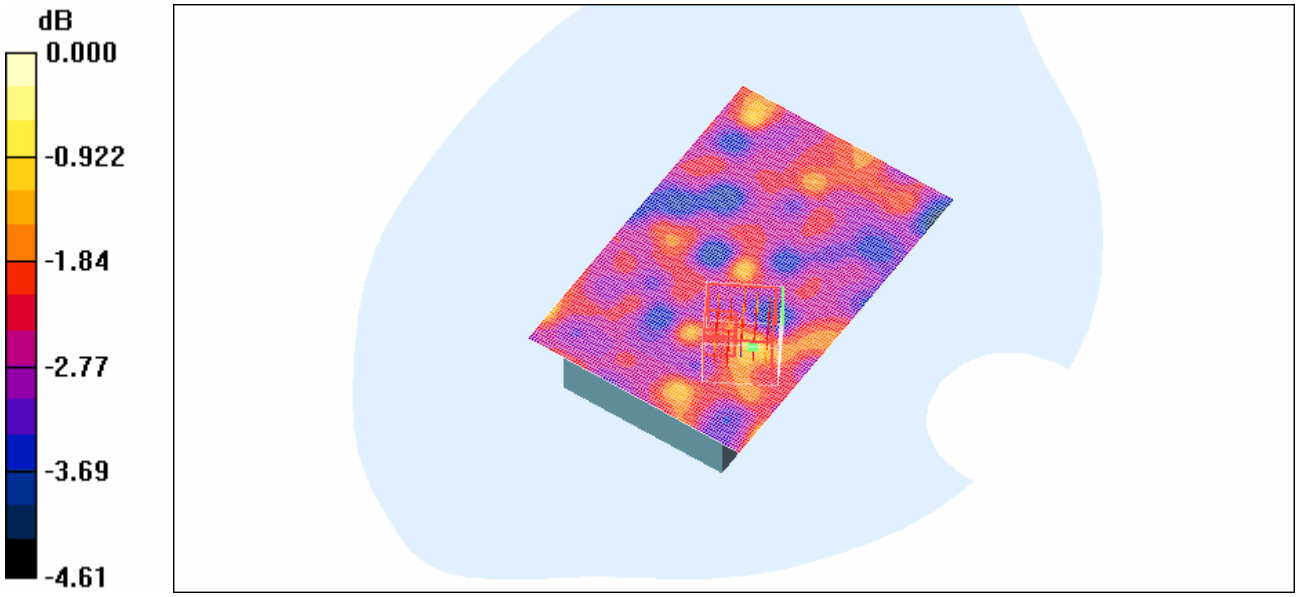
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.99 V/m; Power Drift = 0.190 dB
Peak SAR (extrapolated) = 0.009 W/kg
SAR(1 g) = 0.00634 mW/g; SAR(10 g) = 0.00558 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.009 mW/g



0 dB = 0.009mW/g

Date/Time: 25/03/2008 11:59:59 PM

Test Laboratory: RTS
File Name: Holster_2_Back_Bluetooth_amb_temp_24.4_liq_temp_23.2.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

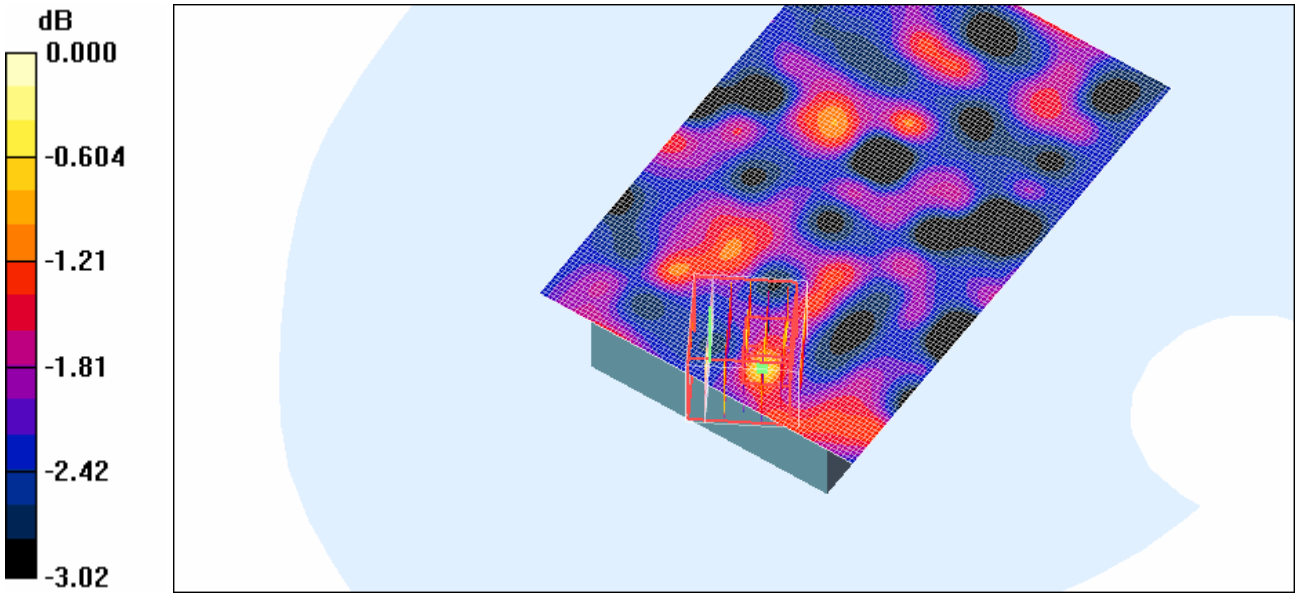
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.72 V/m; Power Drift = 1.34 dB
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.0064 mW/g; SAR(10 g) = 0.00567 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.008 mW/g



0 dB = 0.008mW/g

Date/Time: 26/03/2008 4:34:59 PM

Test Laboratory: RTS
File Name: Holster_3_Front_Bluetooth_amb_temp_24.0_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

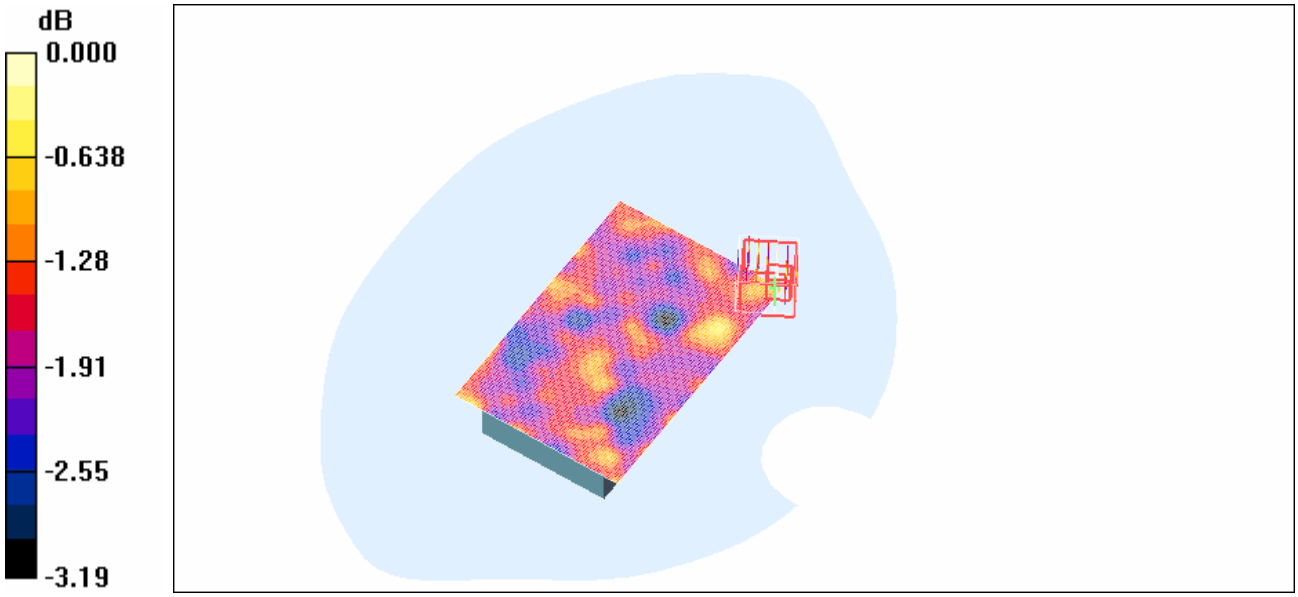
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.04 V/m; Power Drift = 0.223 dB
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00624 mW/g; SAR(10 g) = 0.00578 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.008 mW/g



0 dB = 0.008mW/g

Date/Time: 26/03/2008 5:06:15 PM

Test Laboratory: RTS
File Name: Holster_4_Front_Bluetooth_amb_temp_23.8_liq_temp_22.8.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

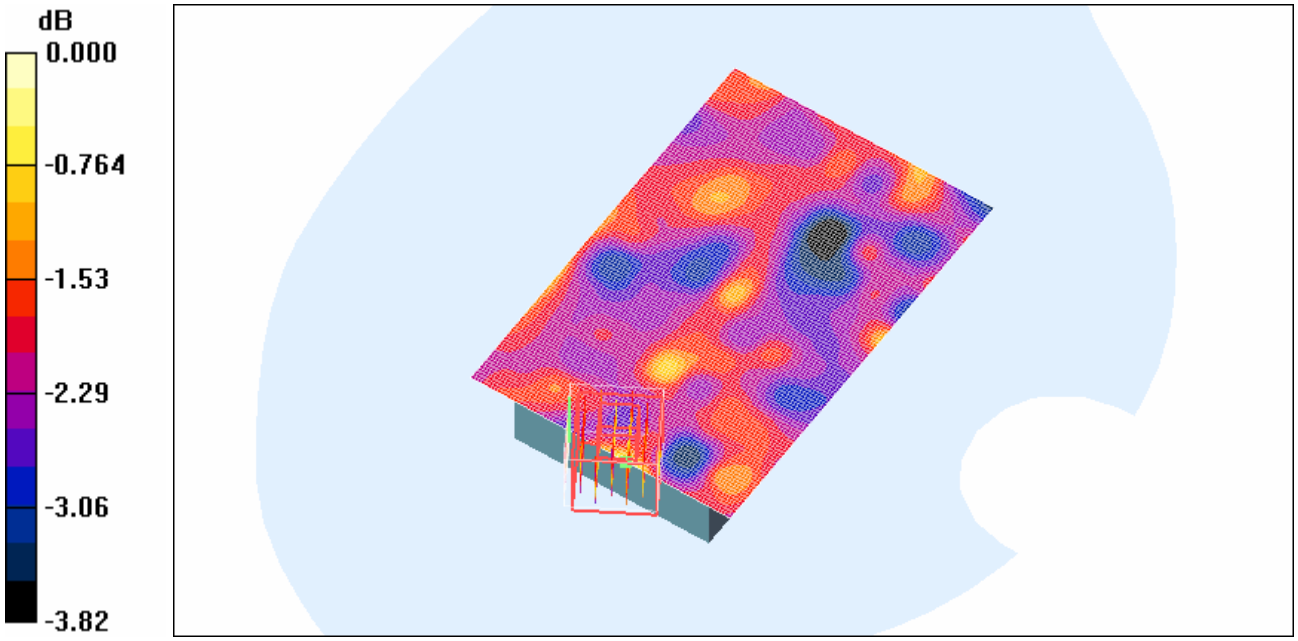
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.008 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.96 V/m; Power Drift = 0.456 dB
Peak SAR (extrapolated) = 0.009 W/kg
SAR(1 g) = 0.00619 mW/g; SAR(10 g) = 0.00562 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.008 mW/g



0 dB = 0.008mW/g

Date/Time: 26/03/2008 5:33:55 PM

Test Laboratory: RTS
File Name: Holster_5_Front_Bluetooth_amb_temp_23.9_liq_temp_22.8.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

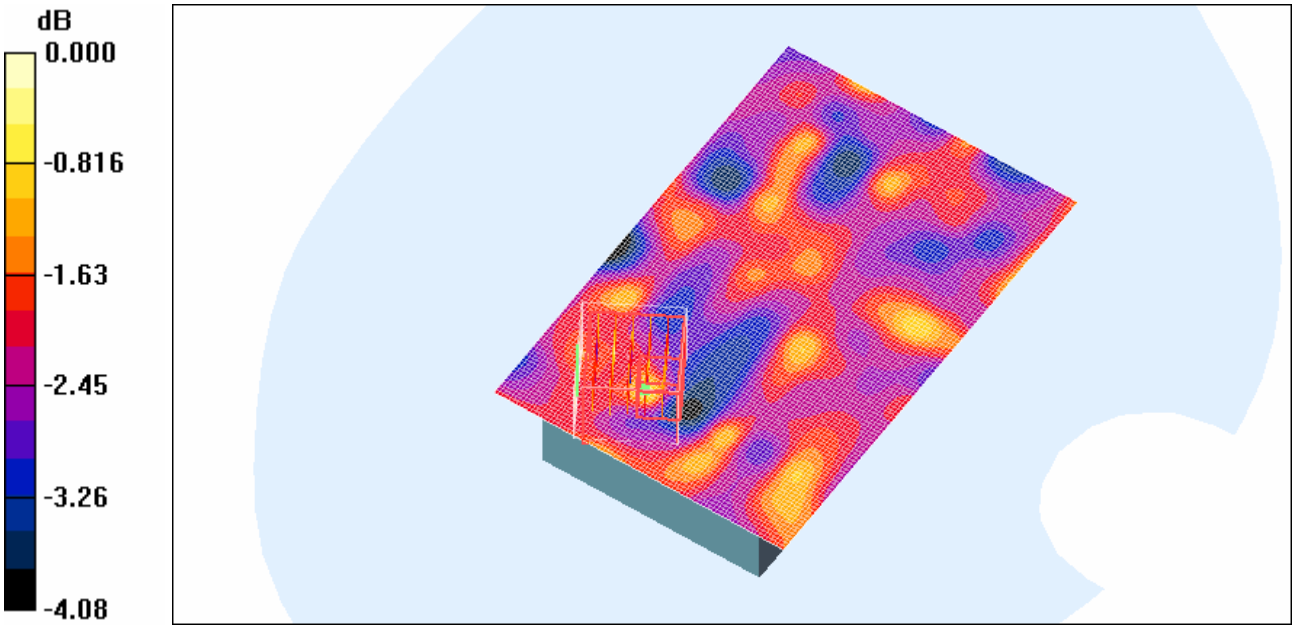
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.67 V/m; Power Drift = 0.567 dB
Peak SAR (extrapolated) = 0.009 W/kg
SAR(1 g) = 0.00583 mW/g; SAR(10 g) = 0.00533 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.008 mW/g



0 dB = 0.008mW/g

Date/Time: 26/03/2008 6:03:21 PM

Test Laboratory: RTS
File Name: Holster_2_Front_Bluetooth_amb_temp_23.9_liq_temp_22.9.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

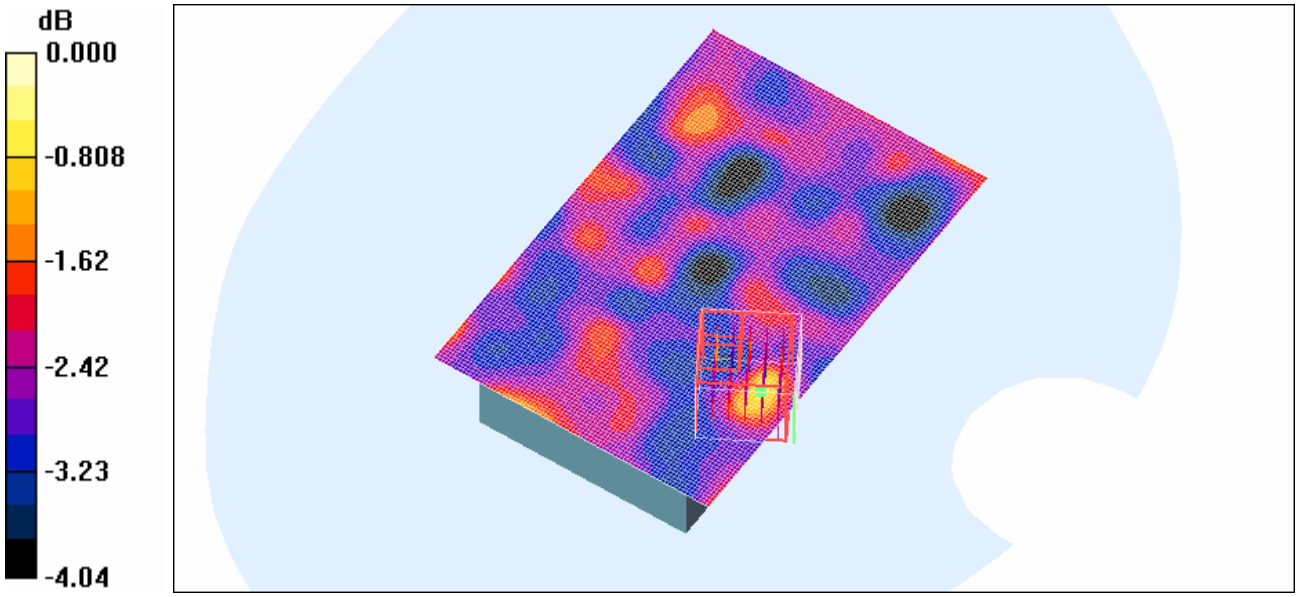
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.008 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.95 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.010 W/kg
SAR(1 g) = 0.00585 mW/g; SAR(10 g) = 0.00531 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.009 mW/g



0 dB = 0.009mW/g

Date/Time: 26/03/2008 6:29:41 PM

Test Laboratory: RTS
File Name: Holster_1_Front_Bluetooth_amb_temp_24.2_liq_temp_23.1.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

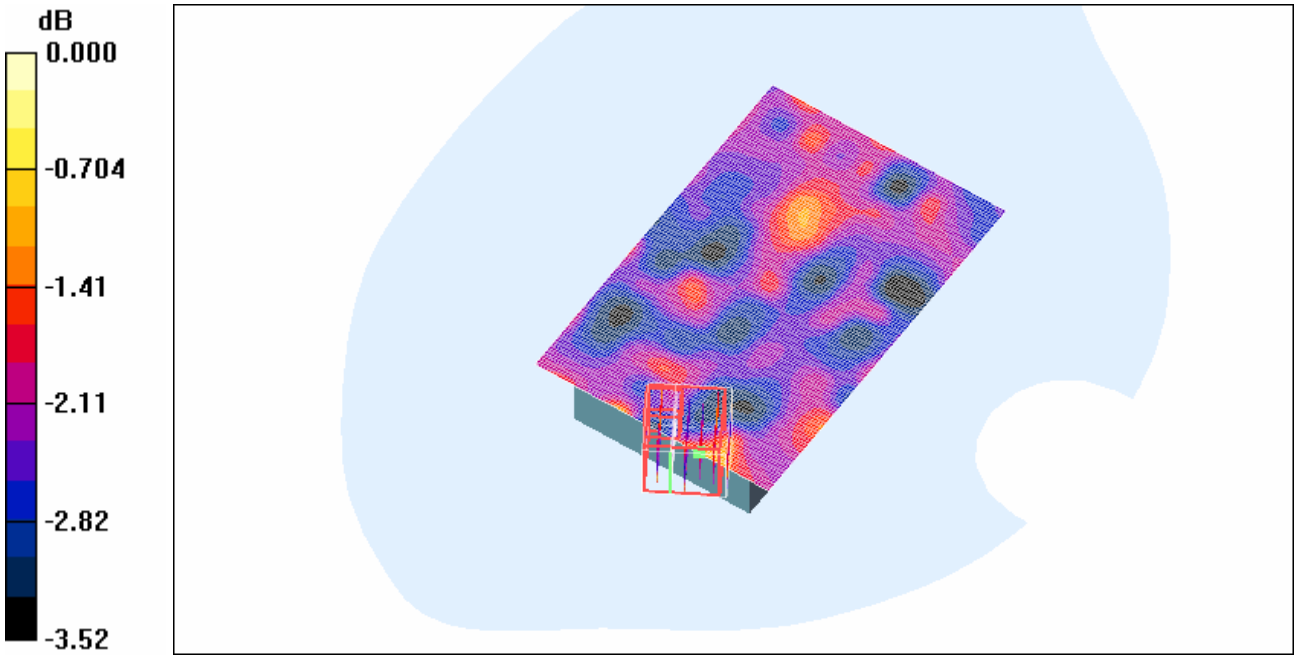
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.71 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.018 W/kg
SAR(1 g) = 0.00608 mW/g; SAR(10 g) = 0.00558 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.009 mW/g



0 dB = 0.009mW/g

Date/Time: 26/03/2008 6:59:41 PM

Test Laboratory: RTS
File Name: 25mm_spacing_Back_Bluetooth_amb_temp_24.1_liq_temp_23.3.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing P1528 Protocol

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.92 mho/m; ε_r = 50.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(6.53, 6.53, 6.53); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

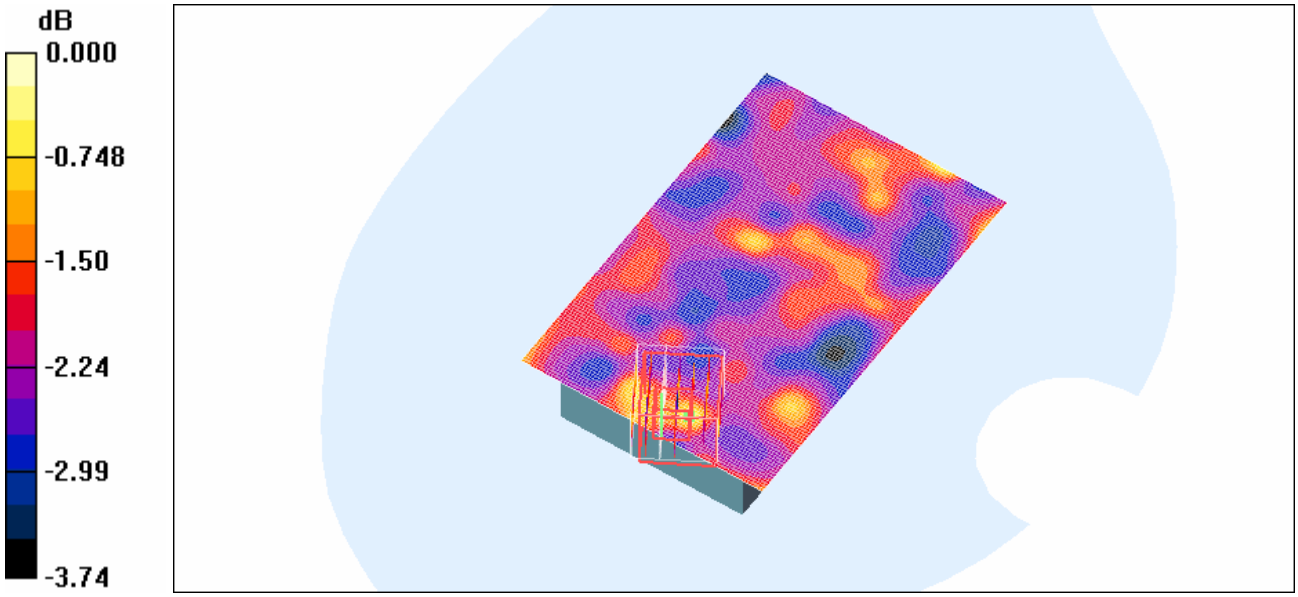
Body - Middle/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.007 mW/g

Body - Middle/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.13 V/m; Power Drift = 0.200 dB
Peak SAR (extrapolated) = 0.008 W/kg
SAR(1 g) = 0.00576 mW/g; SAR(10 g) = 0.00542 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.008 mW/g



0 dB = 0.008mW/g

Date/Time: 17/03/2008 11:40:34 PM

Test Laboratory: RTS
File Name: Holster1_back_802_11a_5320MHz_amb_temp_24_2_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.43 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

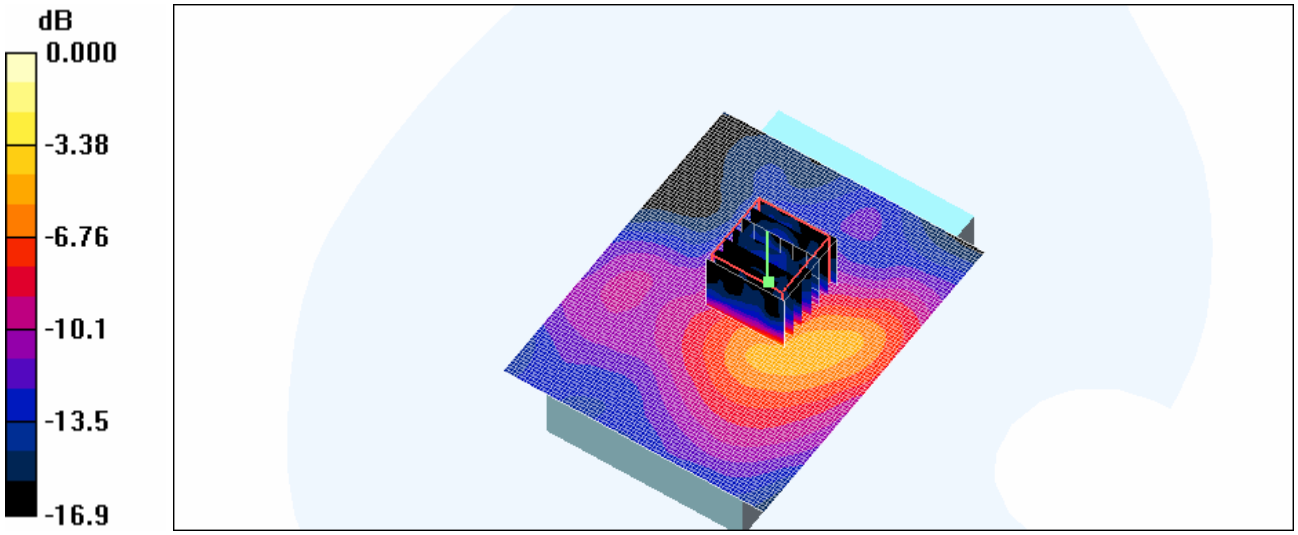
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.26, 4.26, 4.26); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 17.0 V/m; Power Drift = 0.938 dB
Peak SAR (extrapolated) = 3.36 W/kg
SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 1.58 mW/g

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.37 mW/g



0 dB = 1.37mW/g

Date/Time: 18/03/2008 9:00:37 AM

Test Laboratory: RTS
File Name: Holster2_back_802_11a_5320MHz_amb_temp_23_2_liq_temp_22_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.43 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.26, 4.26, 4.26); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

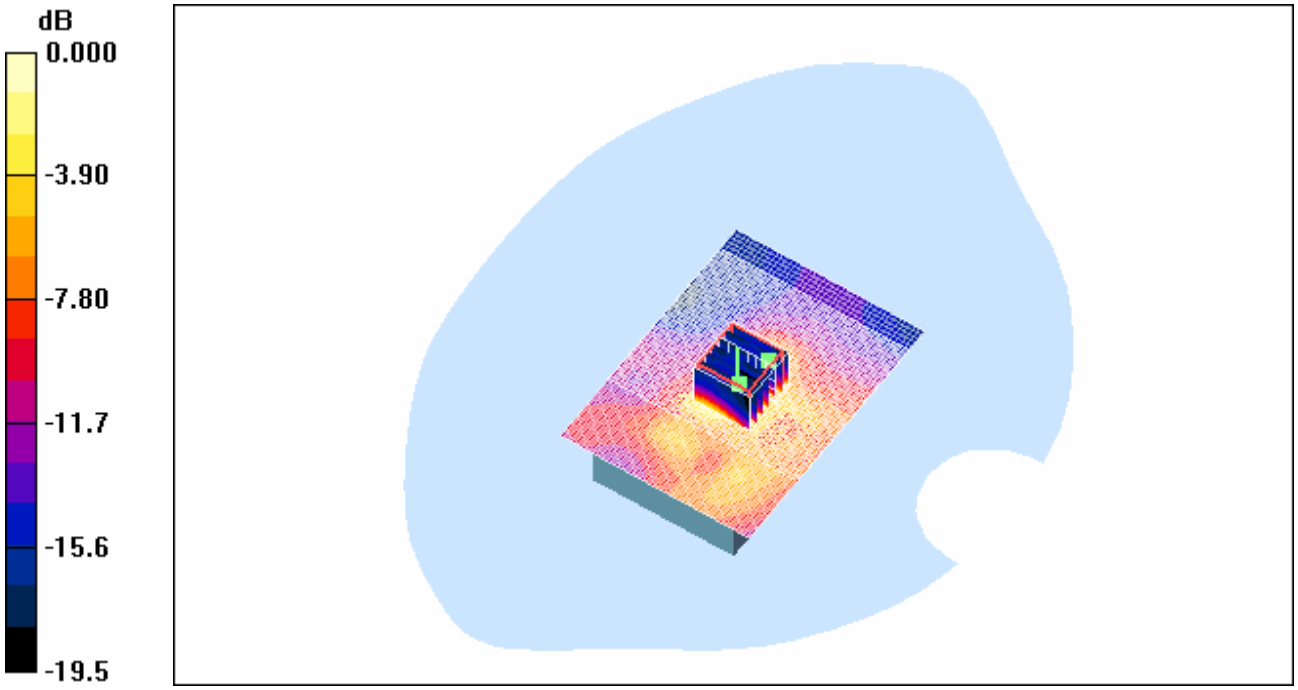
Maximum value of SAR (interpolated) = 1.36 mW/g

Touch position/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.688 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 12.3 V/m; Power Drift = 1.01 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 1.34 mW/g



0 dB = 1.34mW/g

Date/Time: 18/03/2008 9:39:04 AM

Test Laboratory: RTS
File Name: Holster3_front_802_11a_5320MHz_amb_temp_24_0_liq_temp_22_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.43 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

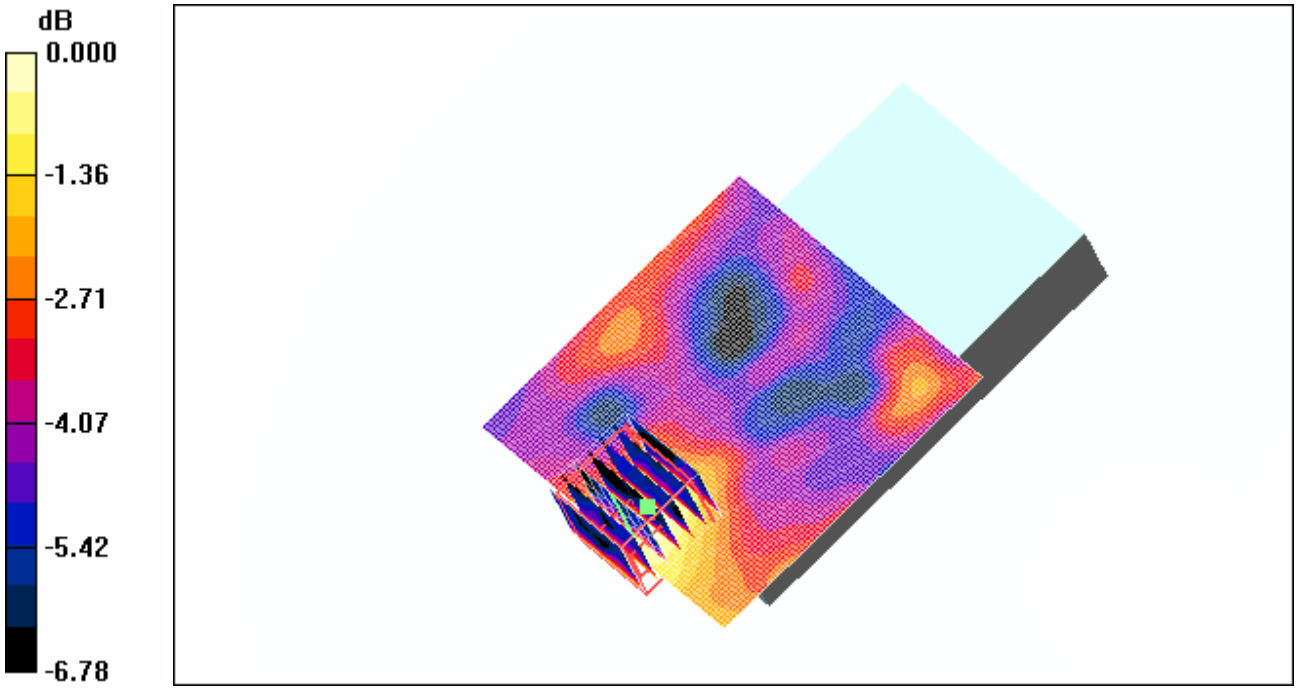
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.26, 4.26, 4.26); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.77 V/m; Power Drift = -0.334 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.072 mW/g

Touch position/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.084 mW/g



0 dB = 0.084mW/g

Date/Time: 18/03/2008 10:21:27 AM

Test Laboratory: RTS
File Name: Holster4_front_802_11a_5320MHz_amb_temp_23_8_liq_temp_22_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.43 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.26, 4.26, 4.26); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x91x1): Measurement grid: dx=10mm, dy=10mm

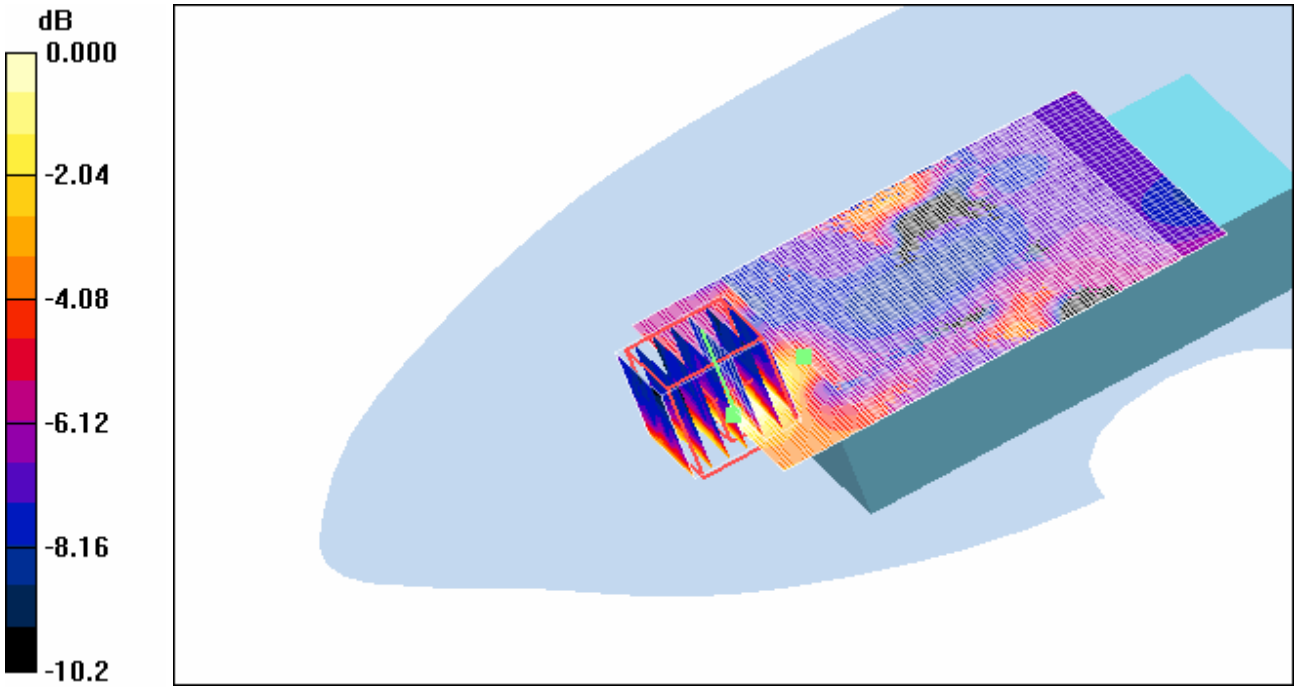
Maximum value of SAR (interpolated) = 0.173 mW/g

Touch position/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.064 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 4.19 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

Date/Time: 18/03/2008 10:08:45 AM

Test Laboratory: RTS
File Name: Holster5_front_802_11a_5320MHz_amb_temp_23_8_liq_temp_22_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.43 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

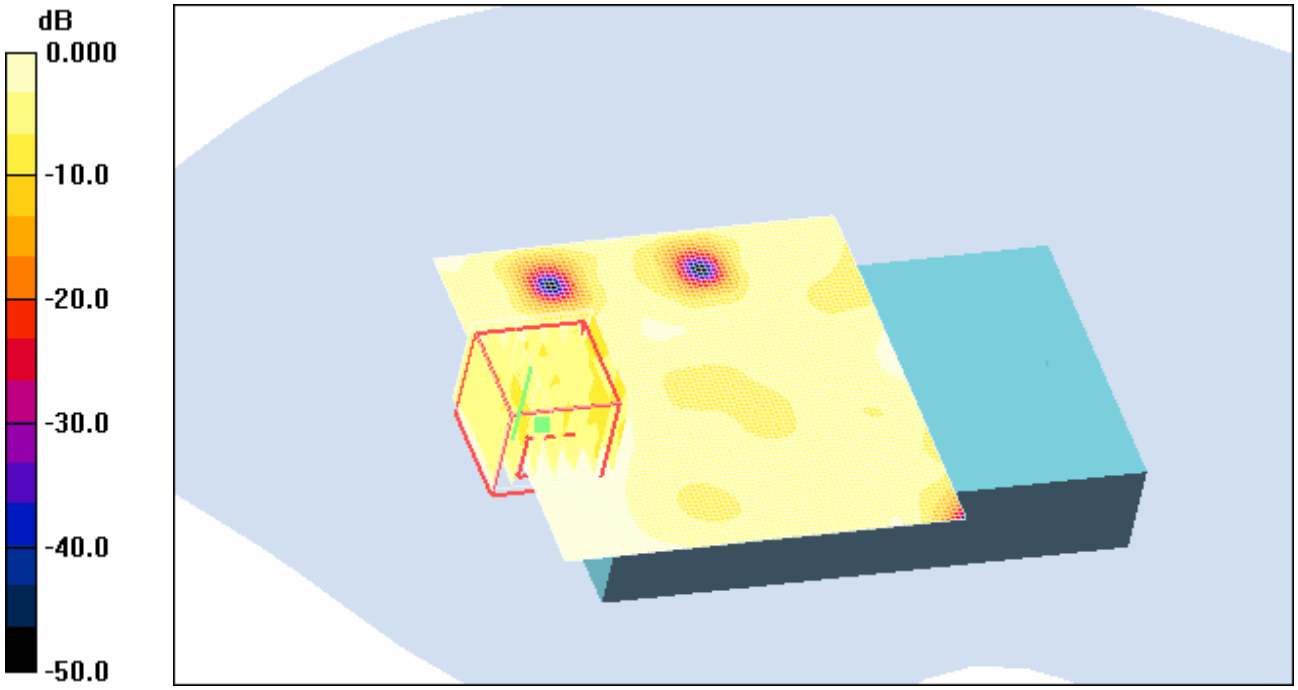
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.26, 4.26, 4.26); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.59 V/m; Power Drift = 0.284 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.088 mW/g

Touch position/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.101 mW/g



0 dB = 0.101mW/g

Date/Time: 18/03/2008 11:07:48 AM

Test Laboratory: RTS
File Name:
Holster1_heaset_back_802_11a_5320MHz_amb_temp_23_9_liq_temp_22_2C.da4

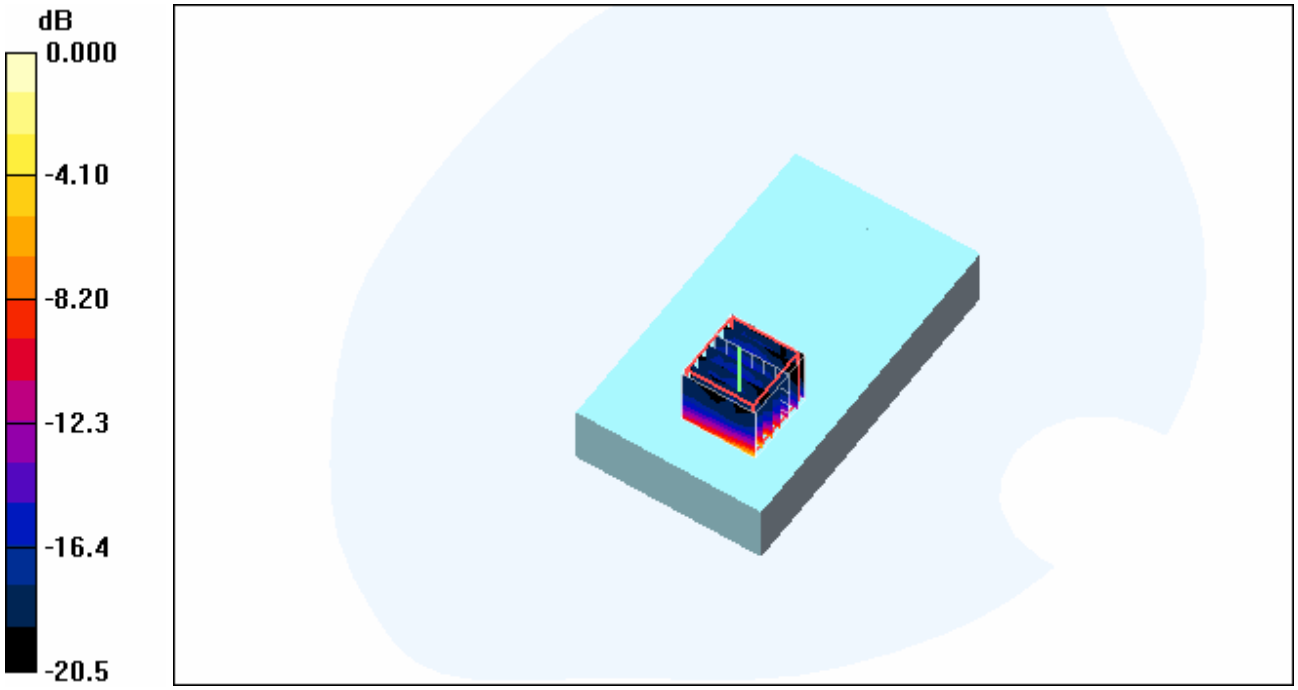
DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.43 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.26, 4.26, 4.26); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 16.8 V/m; Power Drift = -0.253 dB
Peak SAR (extrapolated) = 4.11 W/kg
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 1.85 mW/g



0 dB = 1.85mW/g

Date/Time: 18/03/2008 11:23:25 AM

Test Laboratory: RTS
File Name:
Body_worn_25mm_back_802_11a_5320MHz_amb_temp_24_2_liq_temp_22_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.43 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.26, 4.26, 4.26); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

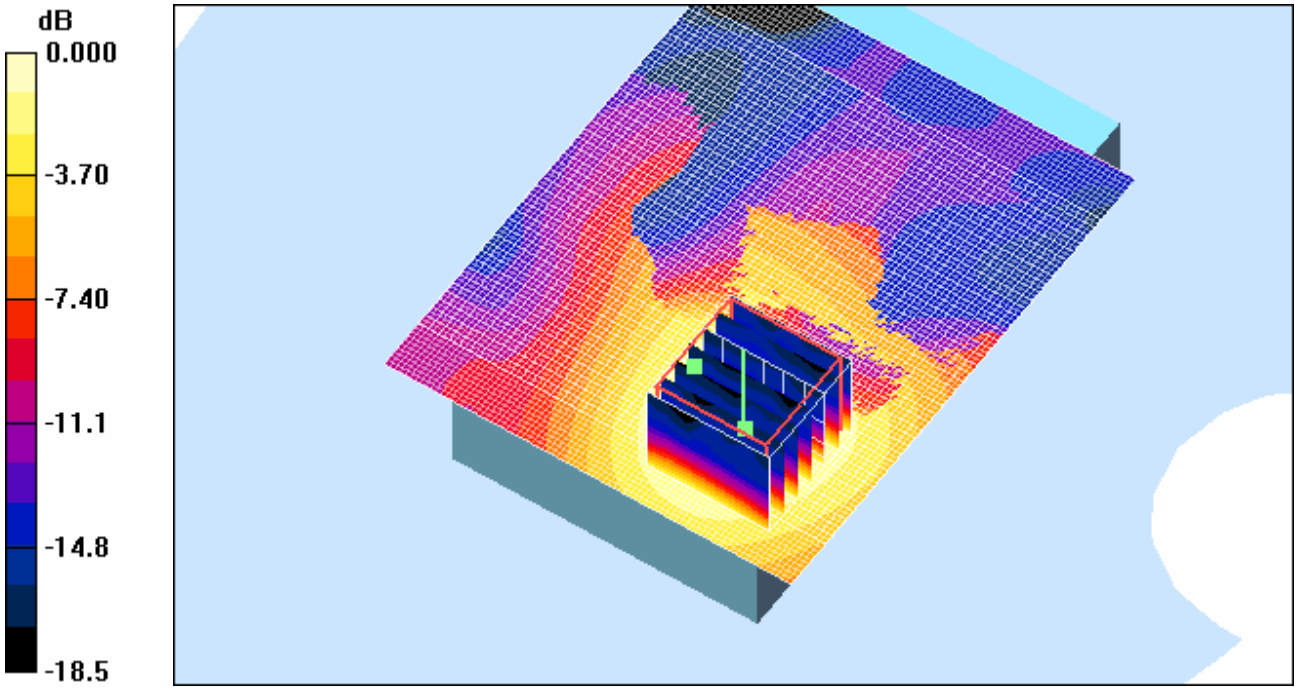
Maximum value of SAR (interpolated) = 1.13 mW/g

Touch position/Area Scan 2 (41x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.21 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 12.3 V/m; Power Drift = 0.107 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.276 mW/g

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



0 dB = 1.10mW/g

Date/Time: 18/03/2008 6:48:03 PM

Test Laboratory: RTS
File Name: Holster1_back_802_11a_5680MHz_amb_temp_24_4_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5680 MHz; σ = 6.37 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

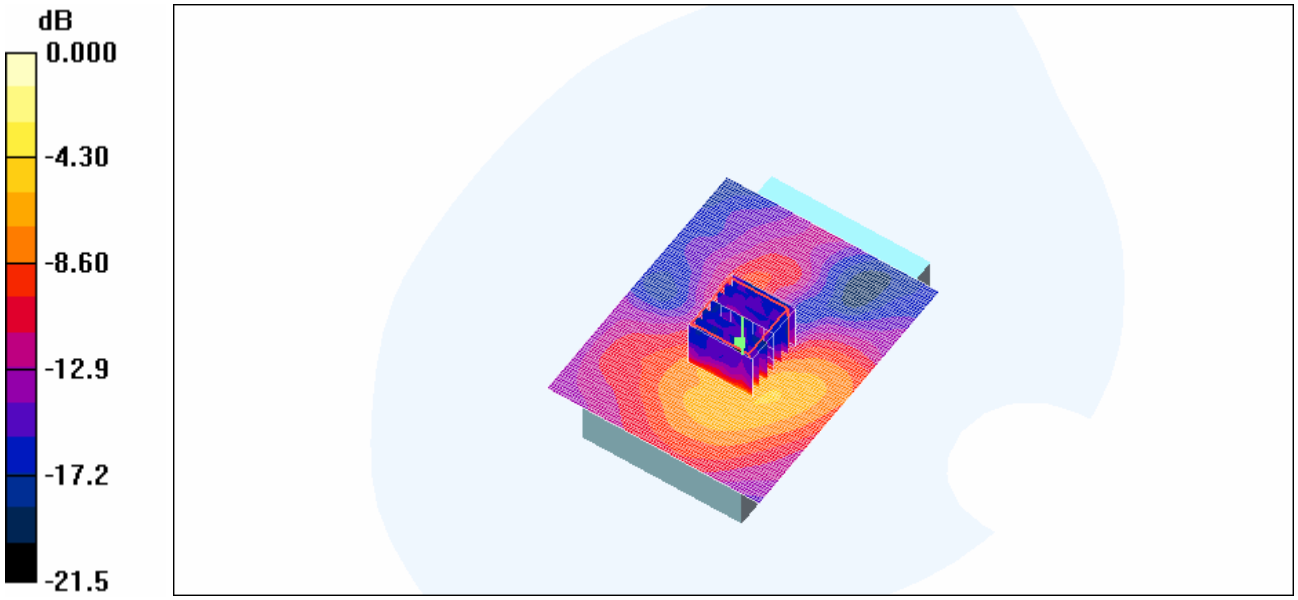
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(3.98, 3.98, 3.98); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.78 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 18.2 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 4.45 W/kg
SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 1.81 mW/g



0 dB = 1.81mW/g

Date/Time: 18/03/2008 8:46:15 PM

Test Laboratory: RTS
File Name: Holster2_back_802_11a_5680MHz_amb_temp_24_4_liq_temp_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5680 MHz; σ = 6.37 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

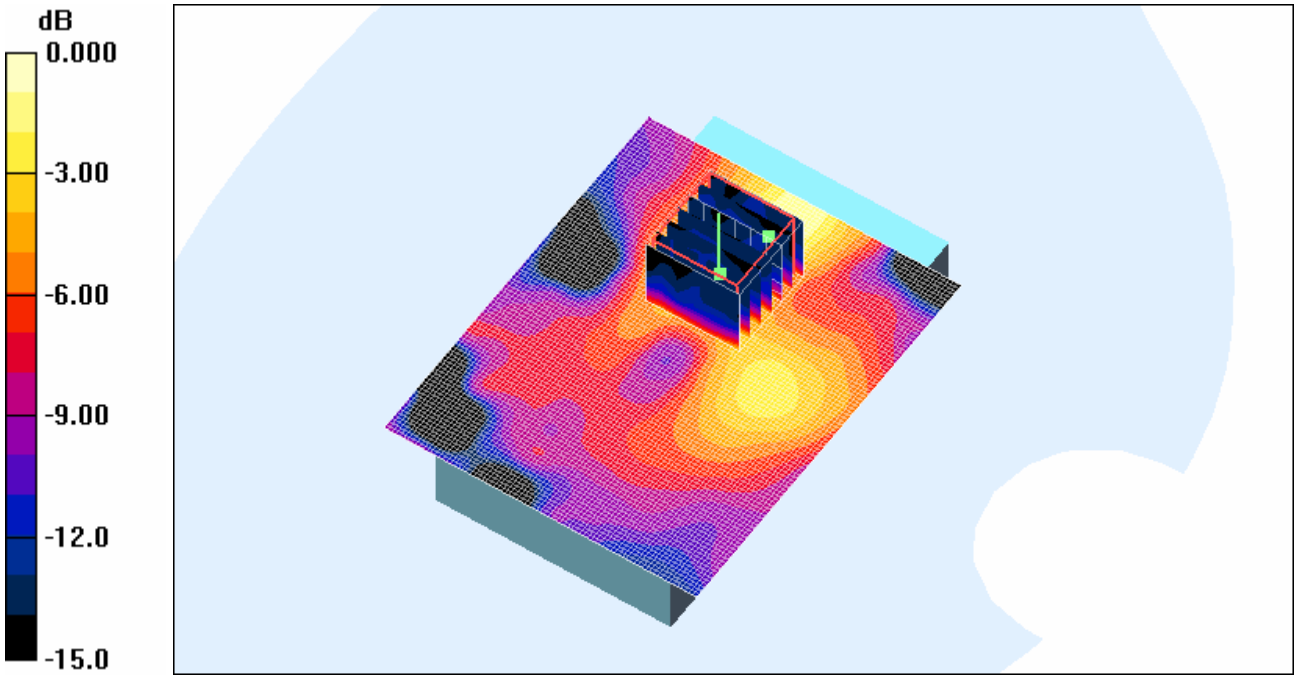
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(3.98, 3.98, 3.98); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.639 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.2 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.653mW/g

Date/Time: 18/03/2008 9:22:37 PM

Test Laboratory: RTS
File Name: Holster3_Front_802_11a_5680MHz_amb_temp_24_3_liq_temp_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5680 MHz; σ = 6.37 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

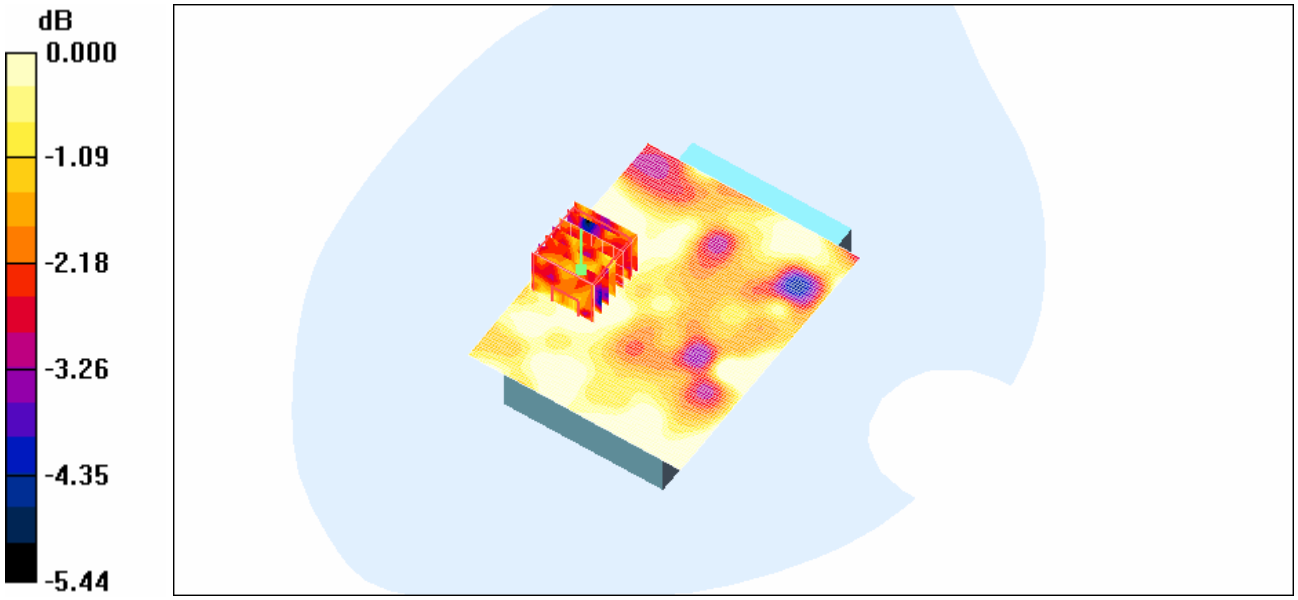
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(3.98, 3.98, 3.98); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.064 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.72 V/m; Power Drift = 0.422 dB
Peak SAR (extrapolated) = 0.063 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.045mW/g

Date/Time: 18/03/2008 9:53:42 PM

Test Laboratory: RTS
File Name: Holster4_Front_802_11a_5680MHz_amb_temp_24_3_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5680 MHz; σ = 6.37 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

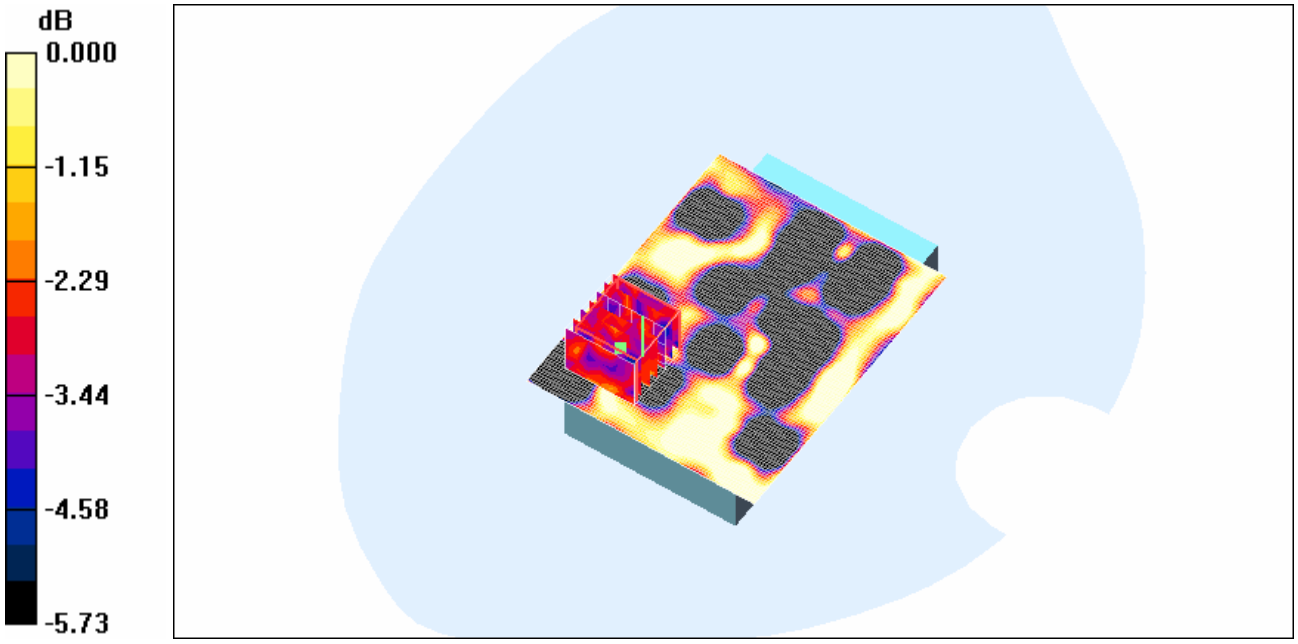
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(3.98, 3.98, 3.98); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.150 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.52 V/m; Power Drift = 0.567 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.057 mW/g



0 dB = 0.057mW/g

Date/Time: 18/03/2008 10:33:24 PM

Test Laboratory: RTS
File Name: Holster5_Front_802_11a_5680MHz_amb_temp_24_5_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5680 MHz; σ = 6.37 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

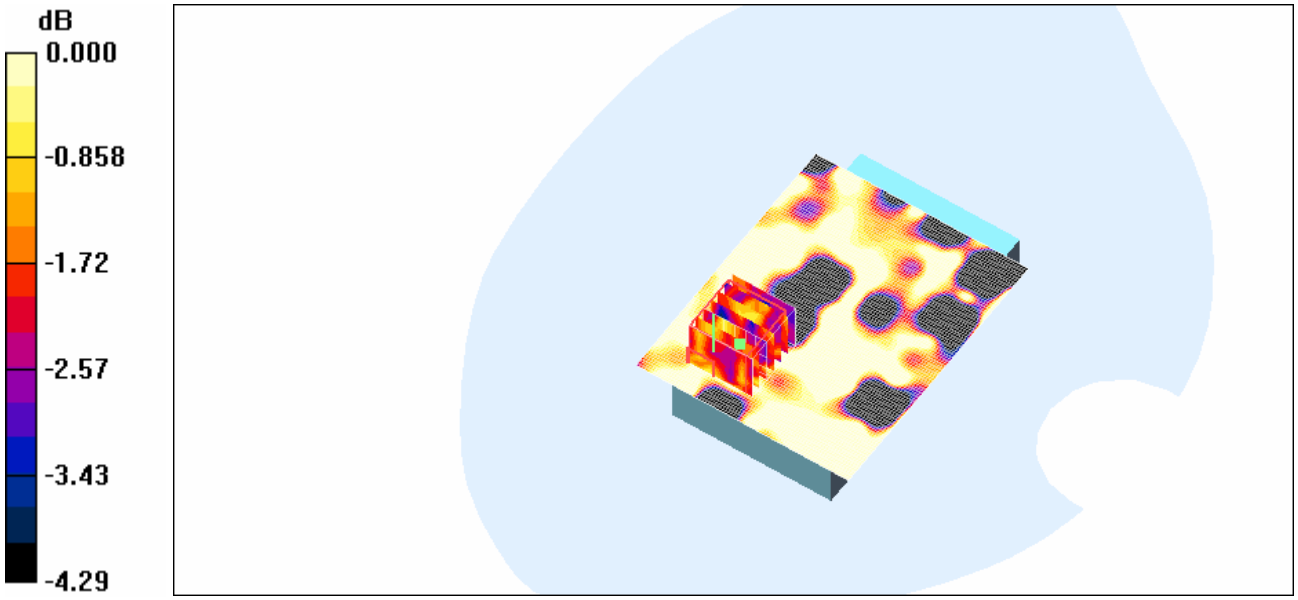
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(3.98, 3.98, 3.98); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.086 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.12 V/m; Power Drift = 1.05 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



0 dB = 0.042mW/g

Date/Time: 18/03/2008 11:09:13 PM

Test Laboratory: RTS
File Name:
Holster1_Back_Headset_802_11a_5680MHz_amb_temp_24_4_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5680 MHz; σ = 6.37 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

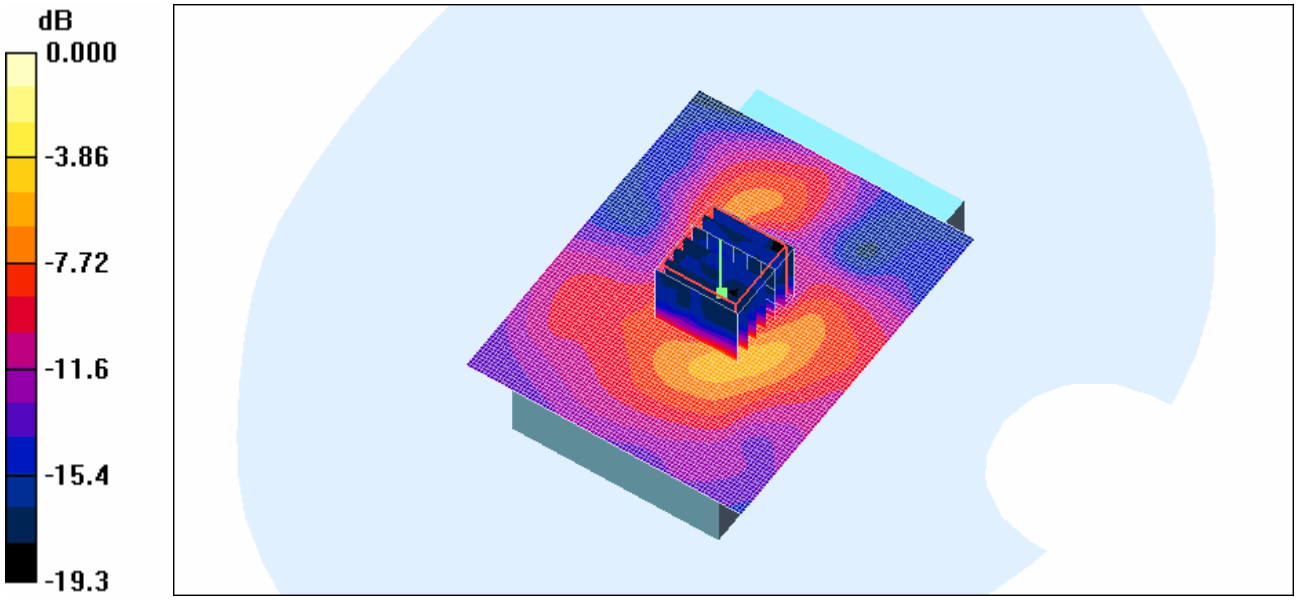
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(3.98, 3.98, 3.98); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.18 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 10.6 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 1.44 mW/g



0 dB = 1.44mW/g

Date/Time: 18/03/2008 11:37:52 PM

Test Laboratory: RTS
File Name: 25mm_spacing_802_11a_5680MHz_amb_temp_24_2_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

Communication System: 802.11 a (5500); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5680 MHz; σ = 6.37 mho/m; ε_r = 45.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

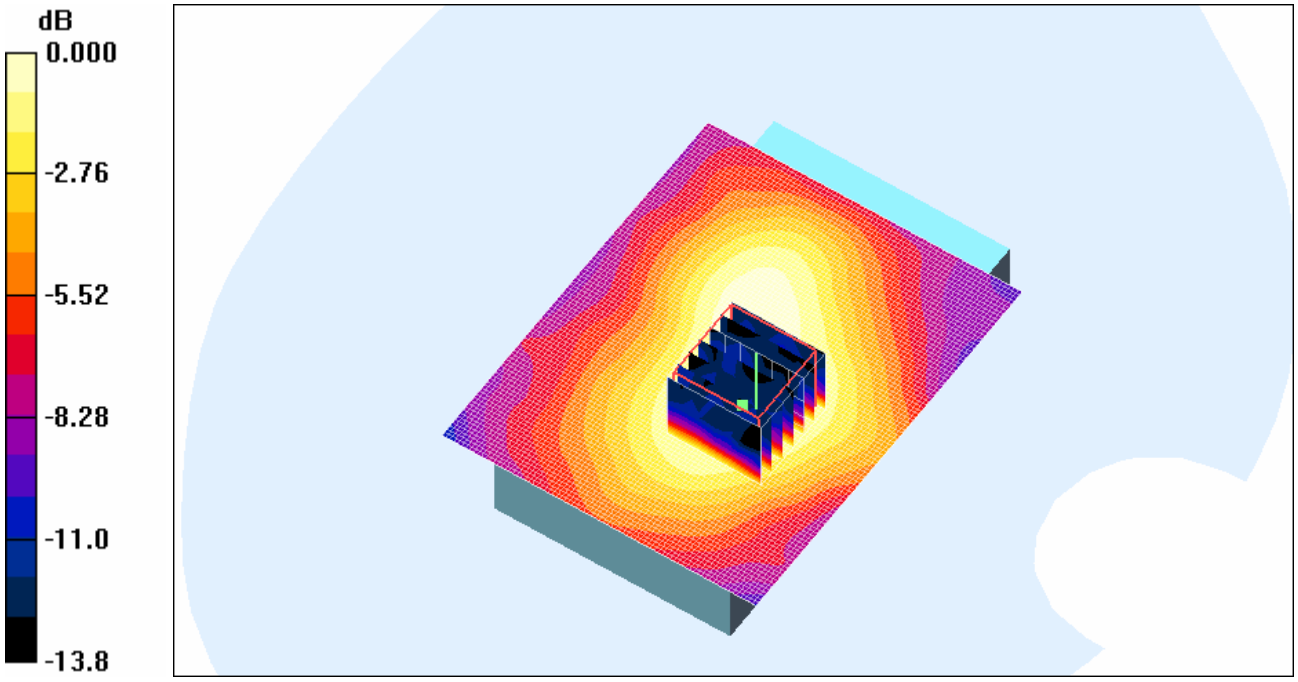
DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(3.98, 3.98, 3.98); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.529 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.60 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.497 mW/g



0 dB = 0.497mW/g

Date/Time: 19/03/2008 5:57:25 PM

Test Laboratory: RTS
File Name: Holster1_back_802_11a_5805MHz_amb_temp_24_6_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

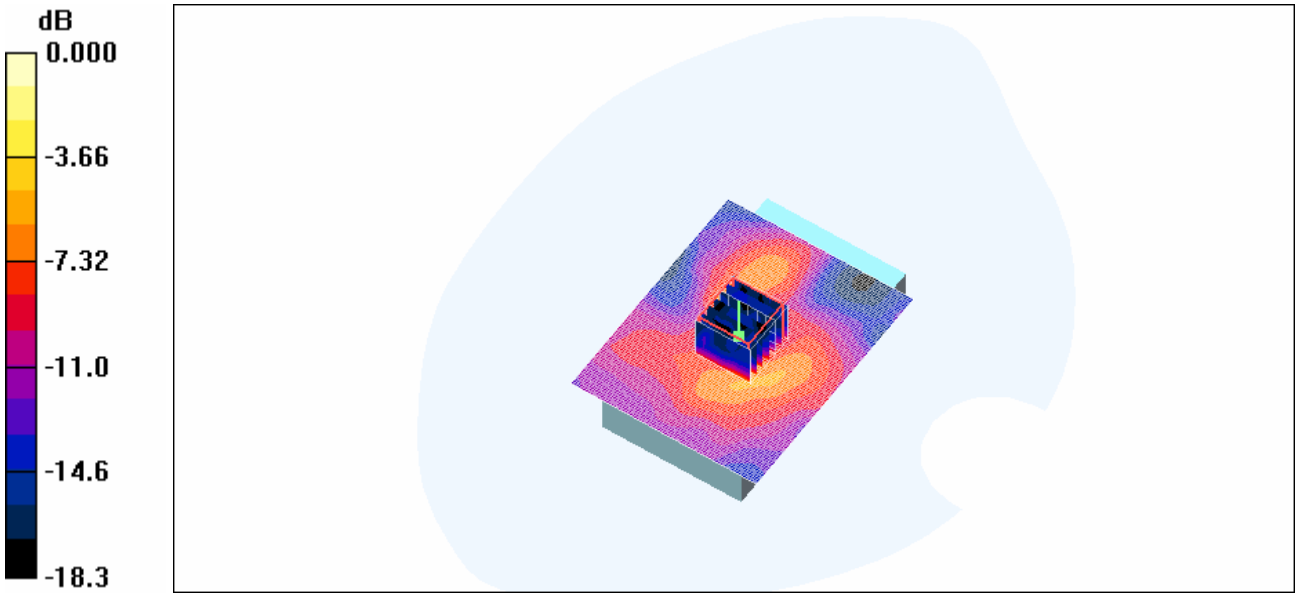
Communication System: 802.11 a (5500); Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5805 MHz; σ = 6.56 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.04, 4.04, 4.04); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.25 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 15.9 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 4.21 W/kg
SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 1.59 mW/g



0 dB = 1.59mW/g

Date/Time: 19/03/2008 6:44:29 PM

Test Laboratory: RTS
File Name: Holster2_back_802_11a_5805MHz_amb_temp_24_5_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

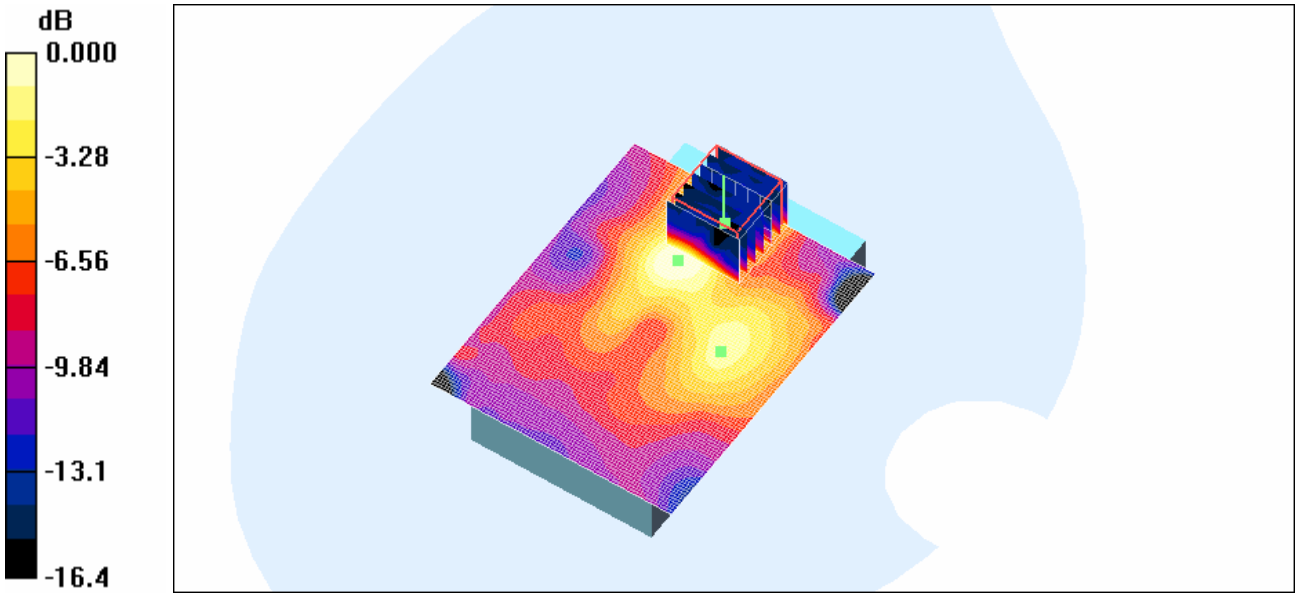
Communication System: 802.11 a (5500); Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5805 MHz; σ = 6.56 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.04, 4.04, 4.04); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.802 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.1 V/m; Power Drift = -0.276 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.769mW/g

Date/Time: 19/03/2008 7:21:35 PM

Test Laboratory: RTS
File Name: Holster3_Front_802_11a_5805MHz_amb_temp_24_6_liq_temp_23_1C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

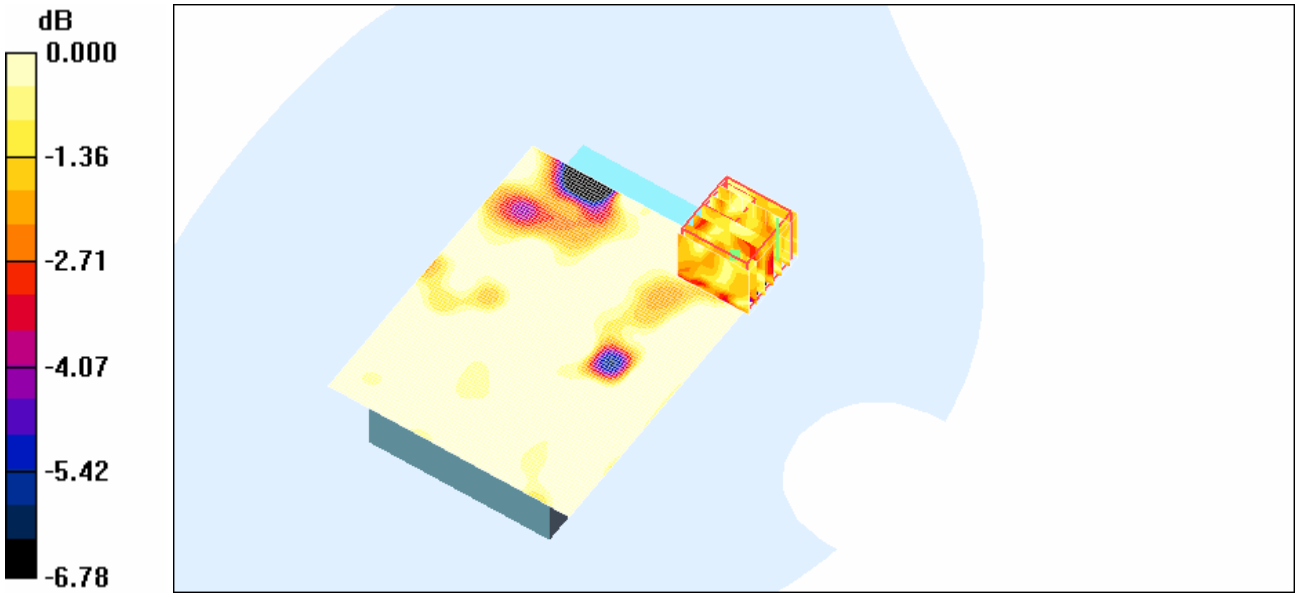
Communication System: 802.11 a (5500); Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5805 MHz; σ = 6.56 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.04, 4.04, 4.04); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.084 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.03 V/m; Power Drift = 0.883 dB
Peak SAR (extrapolated) = 0.057 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.035 mW/g



0 dB = 0.035mW/g

Date/Time: 19/03/2008 8:02:30 PM

Test Laboratory: RTS
File Name: Holster4_Front_802_11a_5805MHz_amb_temp_24_2_liq_temp_22_9C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

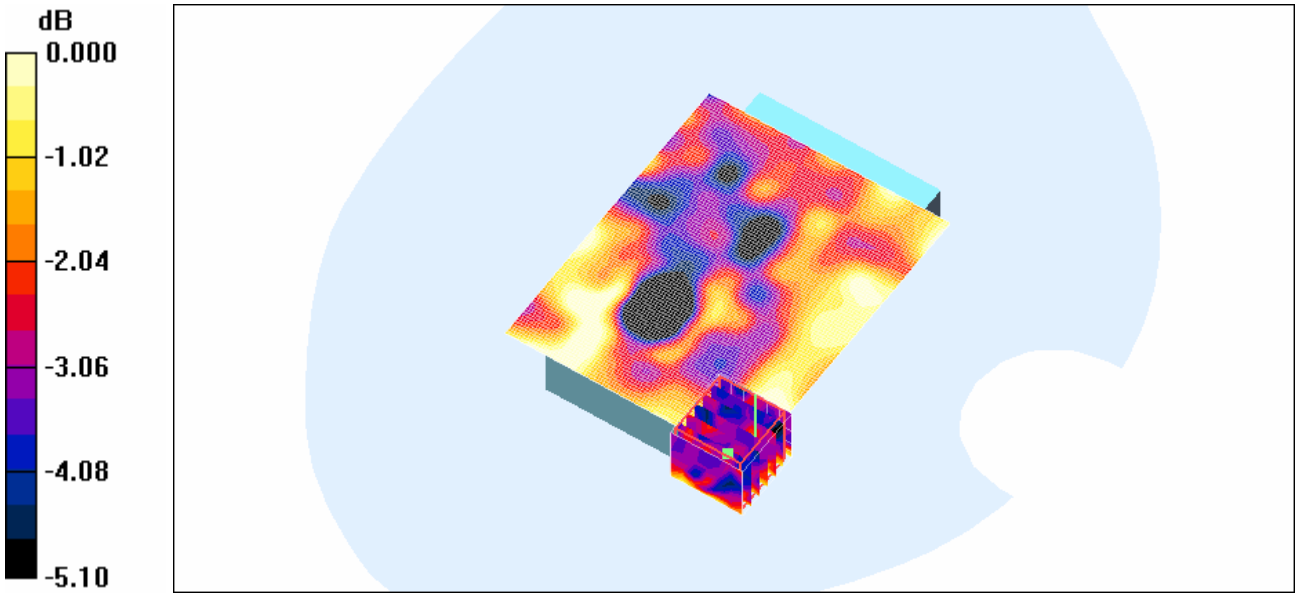
Communication System: 802.11 a (5500); Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5805 MHz; σ = 6.56 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.04, 4.04, 4.04); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.064 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.66 V/m; Power Drift = 0.378 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

Date/Time: 19/03/2008 8:39:58 PM

Test Laboratory: RTS
File Name: Holster5_Front_802_11a_5805MHz_amb_temp_23_9_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

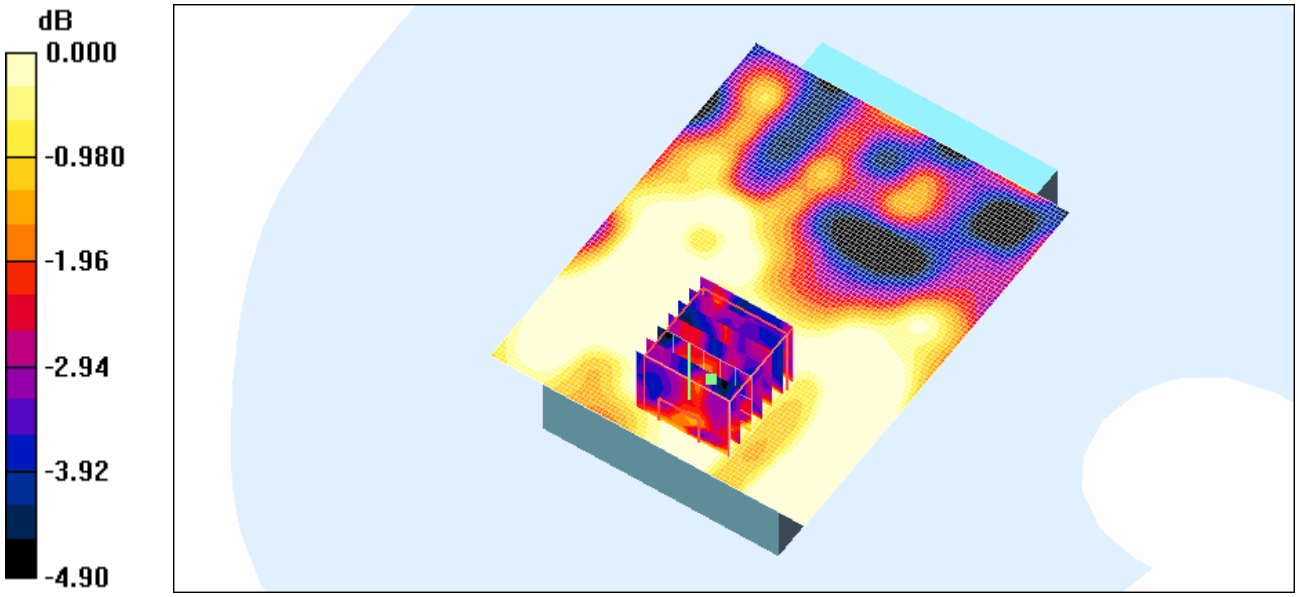
Communication System: 802.11 a (5500); Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5805 MHz; σ = 6.56 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.04, 4.04, 4.04); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.09 V/m; Power Drift = -0.223 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

Date/Time: 19/03/2008 9:12:20 PM

Test Laboratory: RTS
File Name:
Holster1_Back_Headset_802_11a_5805MHz_amb_temp_24_0_liq_temp_22_8C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

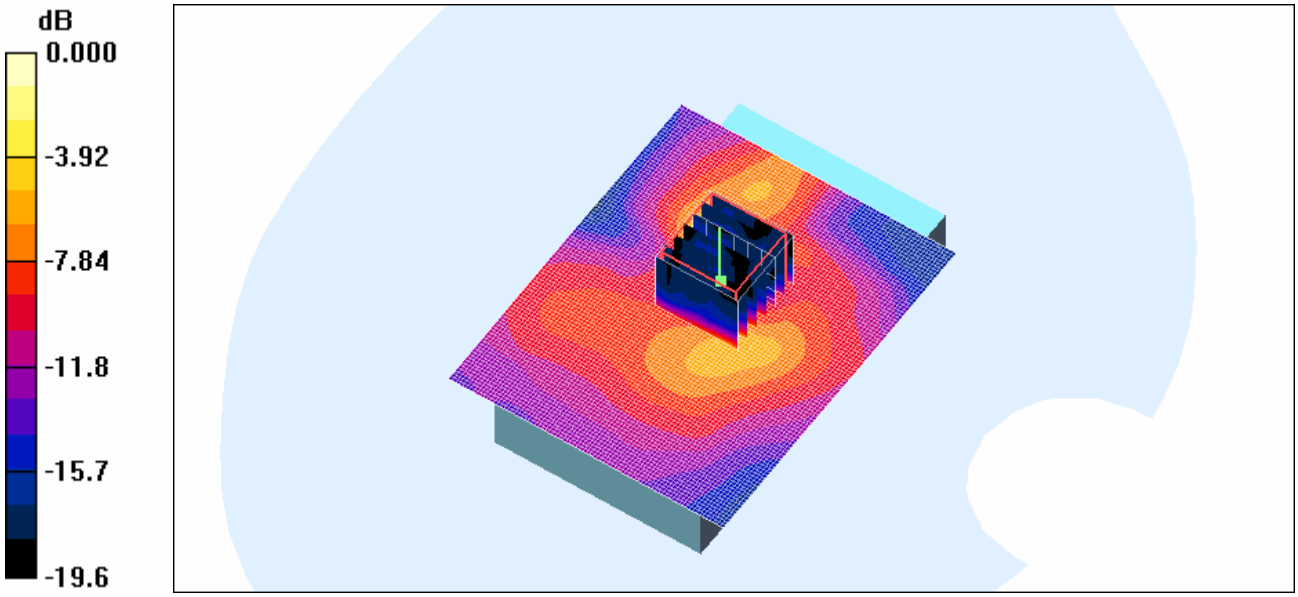
Communication System: 802.11 a (5500); Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5805 MHz; σ = 6.56 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.04, 4.04, 4.04); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 8.08 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 4.12 W/kg
SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 1.60 mW/g



0 dB = 1.60mW/g

Date/Time: 19/03/2008 9:42:37 PM

Test Laboratory: RTS
File Name: 25mm_spacing_802_11a_5805MHz_amb_temp_24_3_liq_temp_23_0C.da4

DUT: BlackBerry Smartphone; Type: Sample ; Serial: 206CE55B
Program Name: Compliance Testing

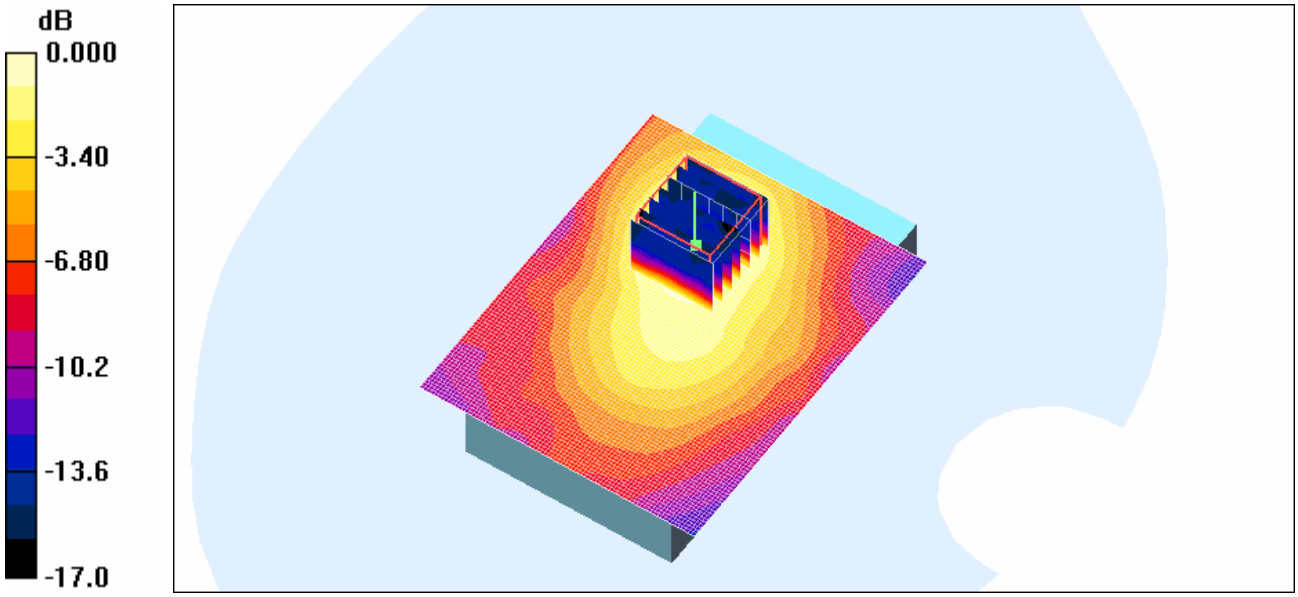
Communication System: 802.11 a (5500); Frequency: 5805 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5805 MHz; σ = 6.56 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3592; ConvF(4.04, 4.04, 4.04); Calibrated: 06/11/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn473; Calibrated: 23/01/2008
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position/Area Scan (81x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.771 mW/g

Touch position/Zoom Scan (7x7x9) (7x7x5)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 11.4 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.202 mW/g

.
Maximum value of SAR (measured) = 0.793 mW/g



0 dB = 0.793mW/g

Z axis plots for the worst case body worn configuration: