Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

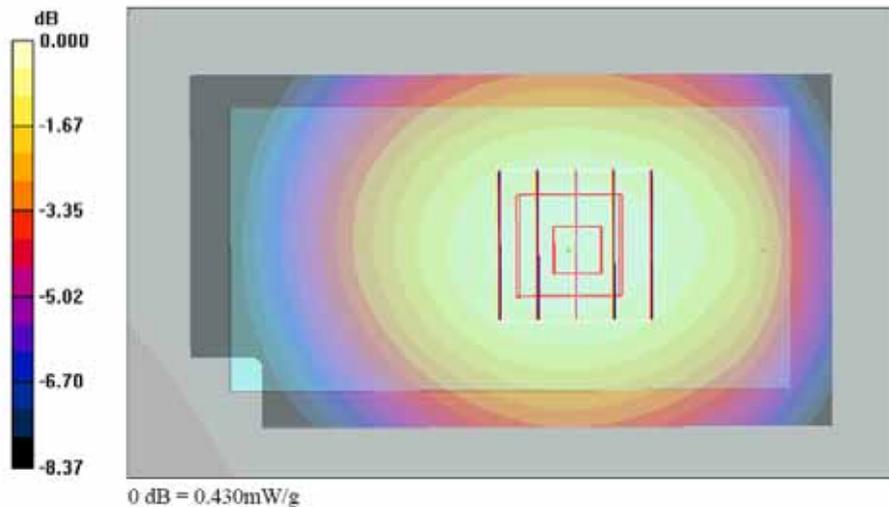### Body_WCDMA Ch4182_Keypad Down with 2.5cm Gap_RMC12.2K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\varepsilon_r = 54.3$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.8 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.424 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.303 mW/g
Maximum value of SAR (measured) = 0.430 mW/g

0 dB = 0.430mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch4132_Keypad Down with 2.5cm Gap_RMC64K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: f = 826.4 MHz; σ = 0.959 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature : 22.8 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.548 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.2 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 0.552 mW/g

0 dB = 0.552mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

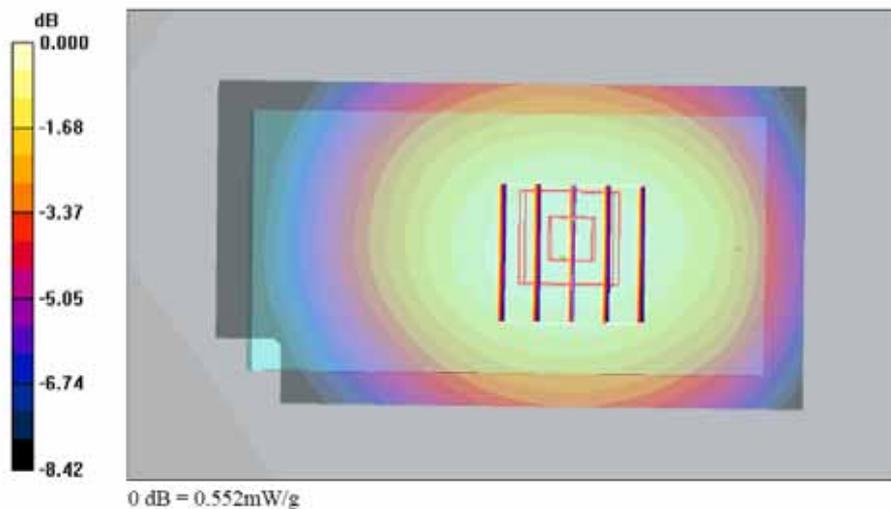**Body_WCDMA Ch4182_Keypad Down with 2.5cm Gap_RMC144K**

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\varepsilon_r = 54.3$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.8 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
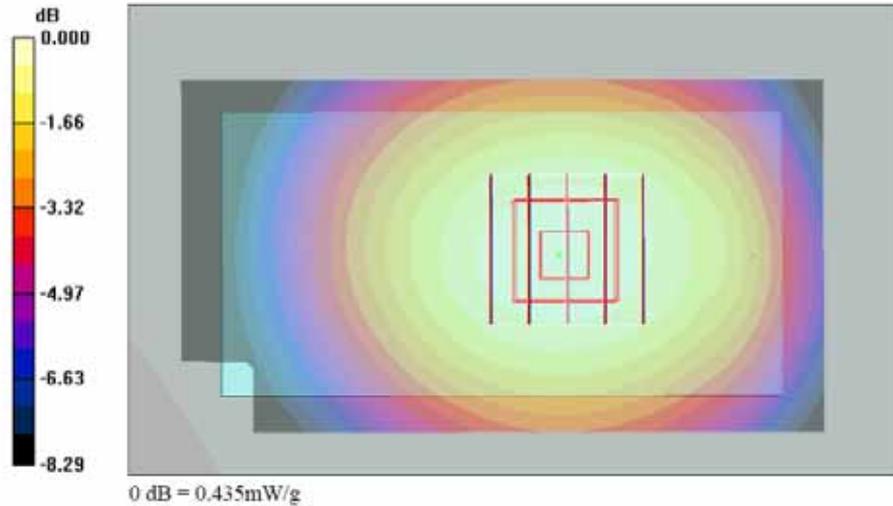Maximum value of SAR (interpolated) = 0.434 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.522 W/kg
SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.435 mW/g

0 dB = 0.435mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Datev: 2007/8/7 v

Body_WCDMA Ch4182_Keypad Down with 2.5cm Gap_RMC384K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3
Ambient Temperature : 22.8 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
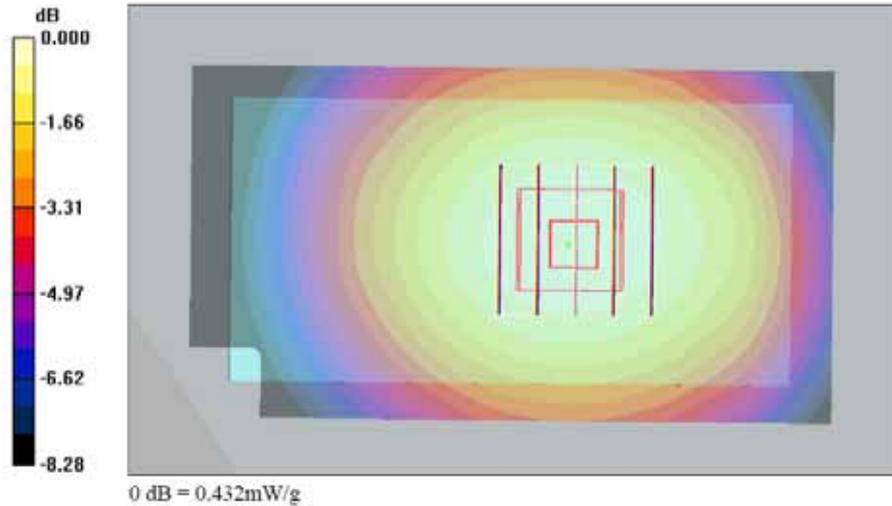Maximum value of SAR (interpolated) = 0.431 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.432 mW/g

0 dB = 0.432mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

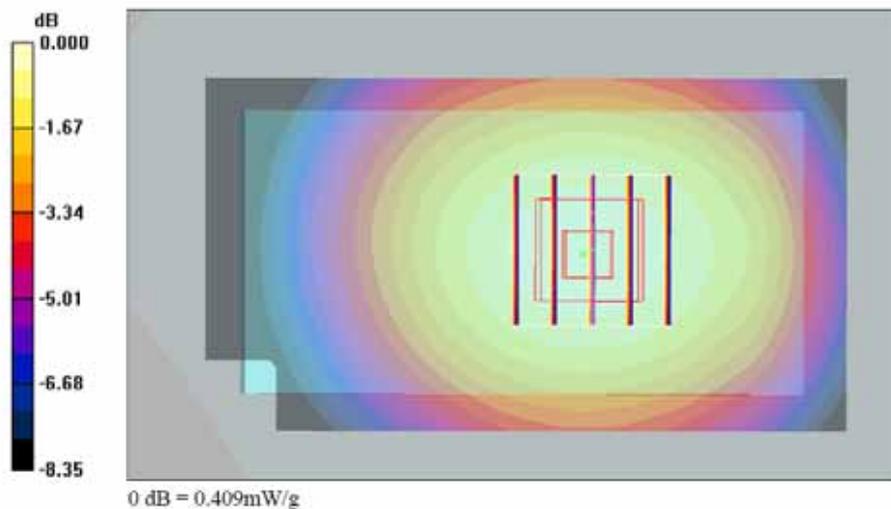## Body_WCDMA Ch4182_Keypad Down with 2.5cm Gap_RMC12.2K+HSDPA

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\varepsilon_r = 54.3$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.8 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.402 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.7 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.288 mW/g
Maximum value of SAR (measured) = 0.409 mW/g

0 dB = 0.409mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch4132_Keypad Down with 2.5cm Gap_RMC64K_Bluetooth On

DUT: 750203
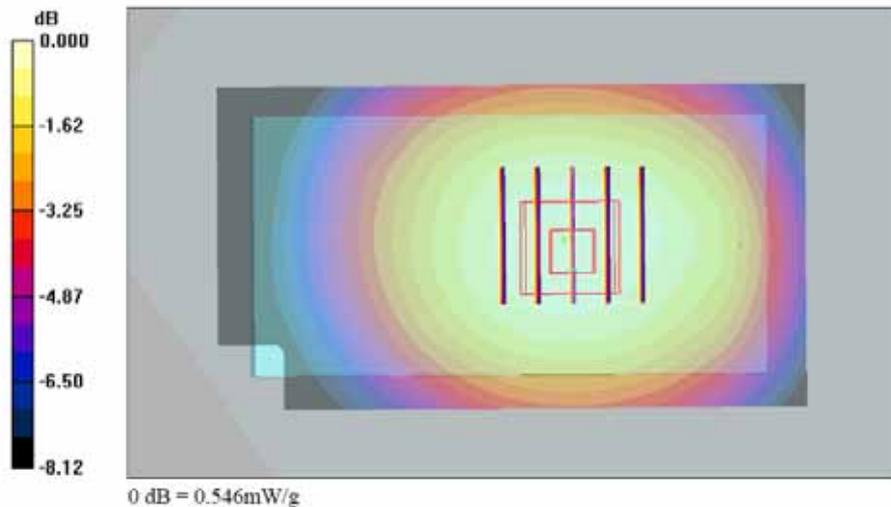
Communication System: WCDMA Band 5; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.959$ mho/m; $\varepsilon_r = 54.4$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.8 ℃ ; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.548 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.650 W/kg
SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.546 mW/g

0 dB = 0.546mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch9400_Keypad Up with 2.5cm Gap_RMC12.2K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
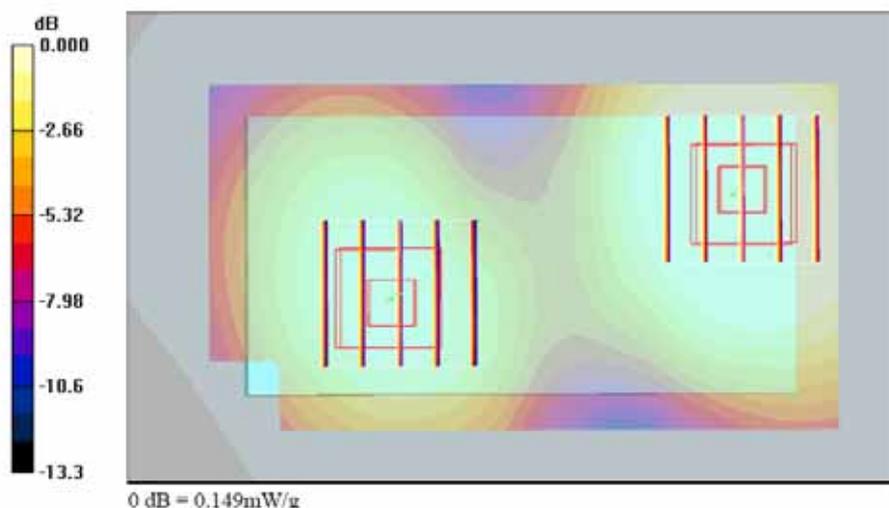Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.204 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.212 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.149 mW/g

0 dB = 0.149mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch9400_Keypad Down with 2.5cm Gap_RMC12.2K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3

Ambient Temperature : 23.1 ℃ ; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
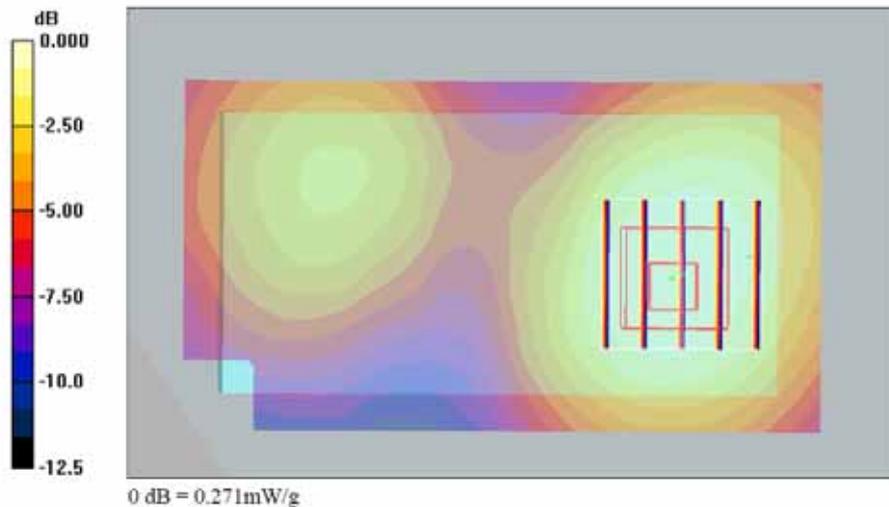Maximum value of SAR (interpolated) = 0.278 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.128 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.271 mW/g

0 dB = 0.271mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch9400_Keypad Down with 2.5cm Gap_RMC64K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\varepsilon_r = 52.6$; $\rho = 1000$ kg/m^3
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
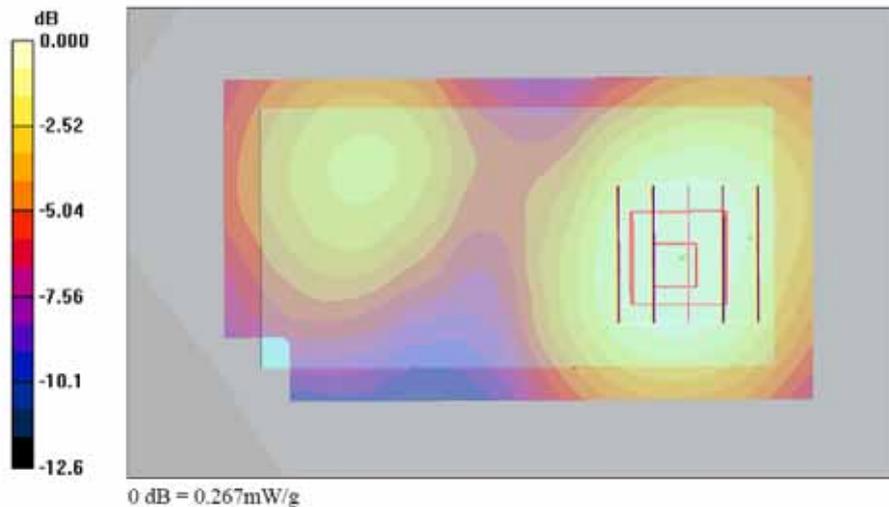Maximum value of SAR (interpolated) = 0.271 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.267 mW/g

0 dB = 0.267mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch9400_Keypad Down with 2.5cm Gap_RMC144K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 52.6; ρ = 1000 kg/m³
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
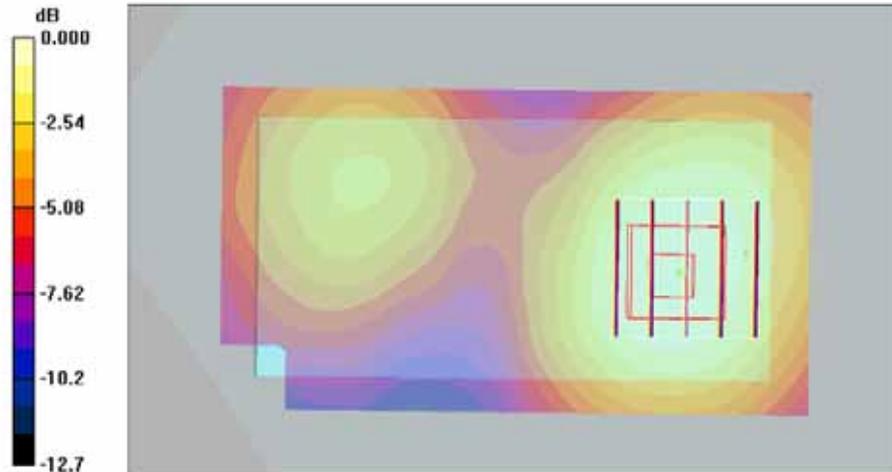Maximum value of SAR (interpolated) = 0.277 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.276 mW/g

0 dB = 0.276mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/7

Body_WCDMA Ch9400_Keypad Down with 2.5cm Gap_RMC384K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\varepsilon_r = 52.6$; $\rho = 1000$ kg/m^3
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
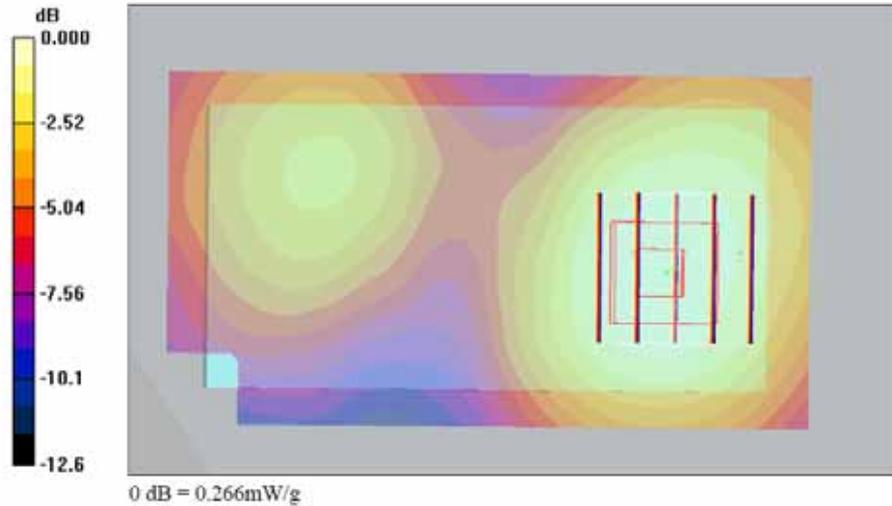Maximum value of SAR (interpolated) = 0.267 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.266 mW/g

0 dB = 0.266mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch9400_Keypad Down with 2.5cm Gap_RMC12.2K+HSDPA

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
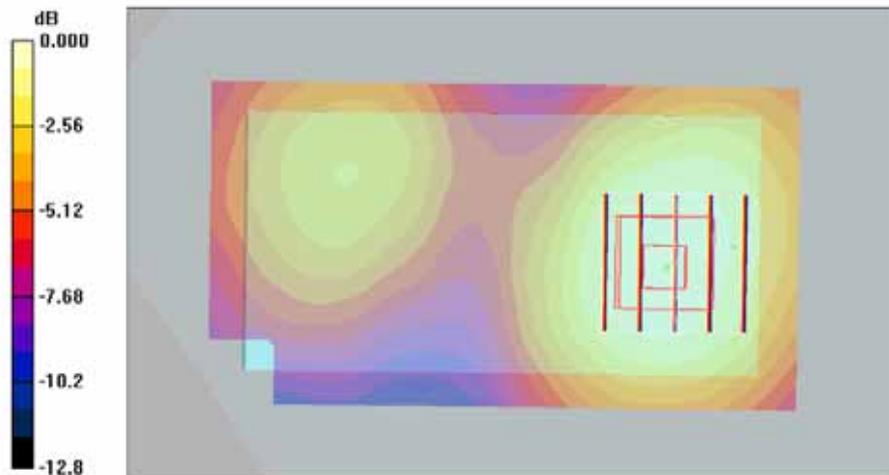Maximum value of SAR (interpolated) = 0.249 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.248 mW/g

0 dB = 0.248mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_WCDMA Ch9400_Keypad Down with 2.5cm Gap_RMC144K_Bluetooth On

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.48$ mho/m; $\varepsilon_r = 52.6$; $\rho = 1000$ kg/m^3
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.274 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.100 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.273 mW/g
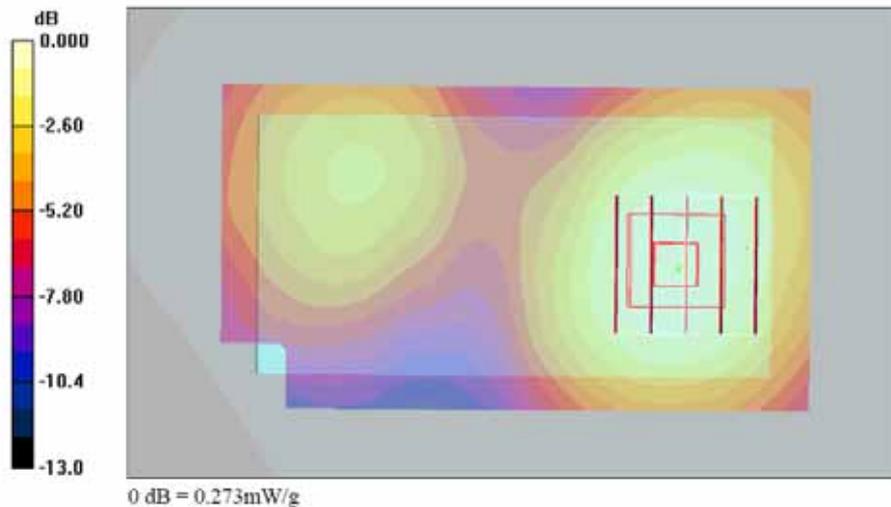
0 dB = 0.273mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/15

Body_802.11b Ch6_Keypad Up with 2.5cm Gap

DUT: 750203

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.94 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B: Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.008 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.96 V/m; Power Drift = 0.150 dB
Peak SAR (extrapolated) = 0.030 W/kg
SAR(1 g) = 0.00781 mW/g; SAR(10 g) = 0.00364 mW/g
Maximum value of SAR (measured) = 0.009 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.96 V/m; Power Drift = 0.150 dB
Peak SAR (extrapolated) = 0.018 W/kg
SAR(1 g) = 0.00529 mW/g; SAR(10 g) = 0.00227 mW/g
Maximum value of SAR (measured) = 0.005 mW/g
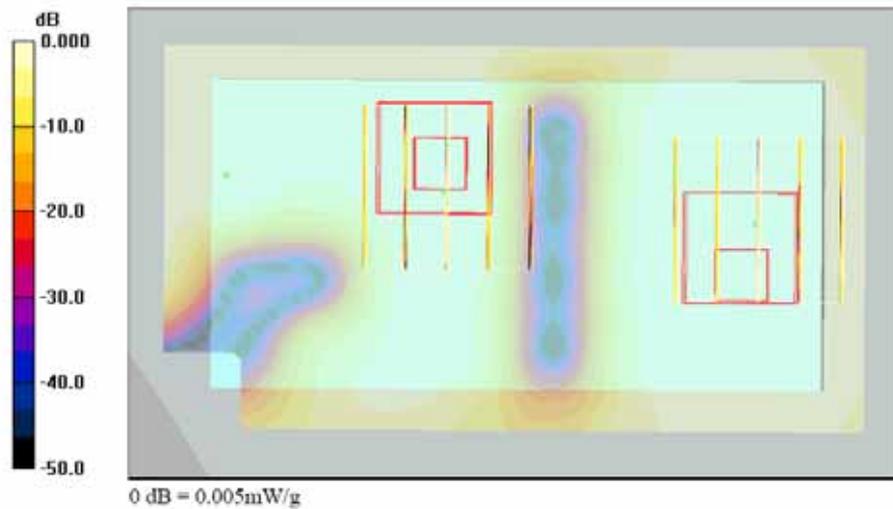
0 dB = 0.005mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/15

Body_802.11b Ch6_Keypad Down with 2.5cm Gap

DUT: 750203

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\varepsilon_r = 52.8$; $\rho = 1000$ kg/m^3
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.010 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.83 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.048 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00494 mW/g
Maximum value of SAR (measured) = 0.010 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.83 V/m; Power Drift = -0.225 dB
Peak SAR (extrapolated) = 0.014 W/kg
SAR(1 g) = 0.00744 mW/g; SAR(10 g) = 0.00332 mW/g
Maximum value of SAR (measured) = 0.008 mW/g

0 dB = 0.008mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/15

Body_802.11g Ch6_Keypad Down with 2.5cm Gap

DUT: 750203

Communication System: 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.94 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
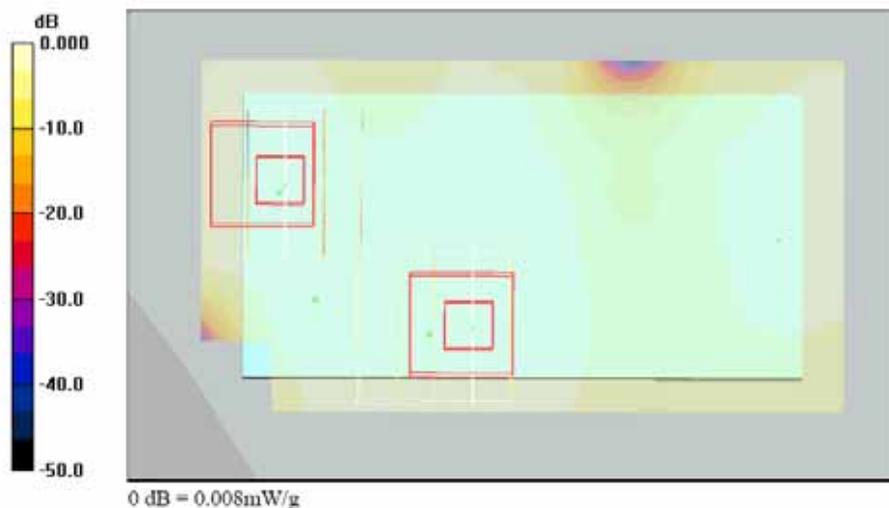Maximum value of SAR (interpolated) = 0.009 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.67 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.052 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00472 mW/g
Maximum value of SAR (measured) = 0.009 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.67 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 0.014 W/kg
SAR(1 g) = 0.0056 mW/g; SAR(10 g) = 0.00247 mW/g
Maximum value of SAR (measured) = 0.006 mW/g

0 dB = 0.006mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/15

Body_802.11b Ch6_Keypad Down with 2.5cm Gap_Bluetooth On

DUT: 750203

Communication System: 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.94 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature : 23.0 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
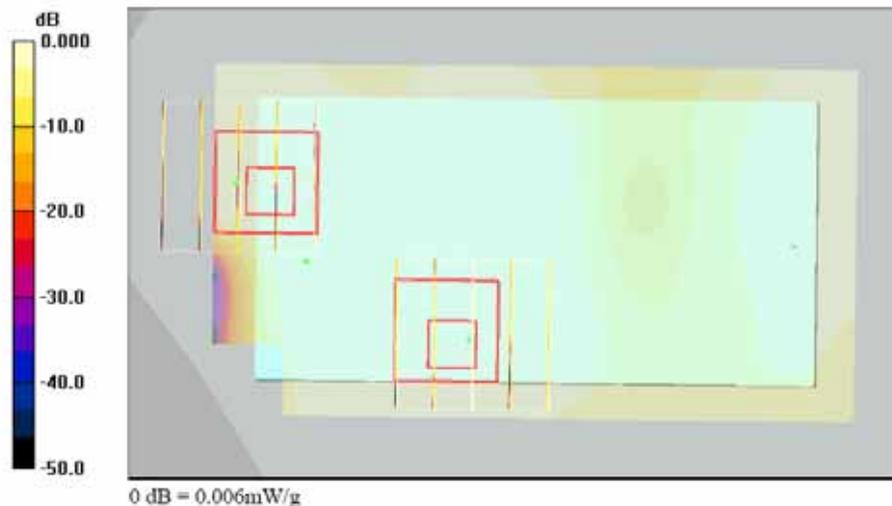Maximum value of SAR (interpolated) = 0.012 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.88 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00536 mW/g
Maximum value of SAR (measured) = 0.012 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.88 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.038 W/kg
SAR(1 g) = 0.00937 mW/g; SAR(10 g) = 0.00432 mW/g
Maximum value of SAR (measured) = 0.009 mW/g

0 dB = 0.009mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/9

Body_GSM850 Ch189_Keypad Up with Holster Touch_GPRS10

DUT: 750203

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4

Medium: MSL_850 Medium parameters used: f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature : 23.2 ℃ ; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
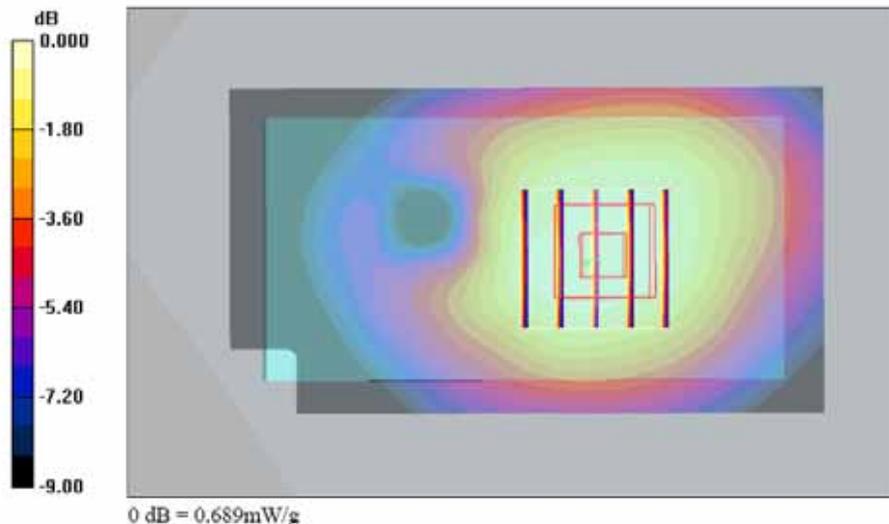Maximum value of SAR (interpolated) = 0.713 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.851 W/kg
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.689 mW/g

0 dB = 0.689mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab　　　　Date: 2007/9/9

Body_GSM850 Ch128_Keypad Down with Holster Touch_GPRS10

DUT: 750203

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4

Medium: MSL_850 Medium parameters used : f = 824.2 MHz; σ = 0.958 mho/m; ε_r = 55.2; ρ = 1000 kg/m³

Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
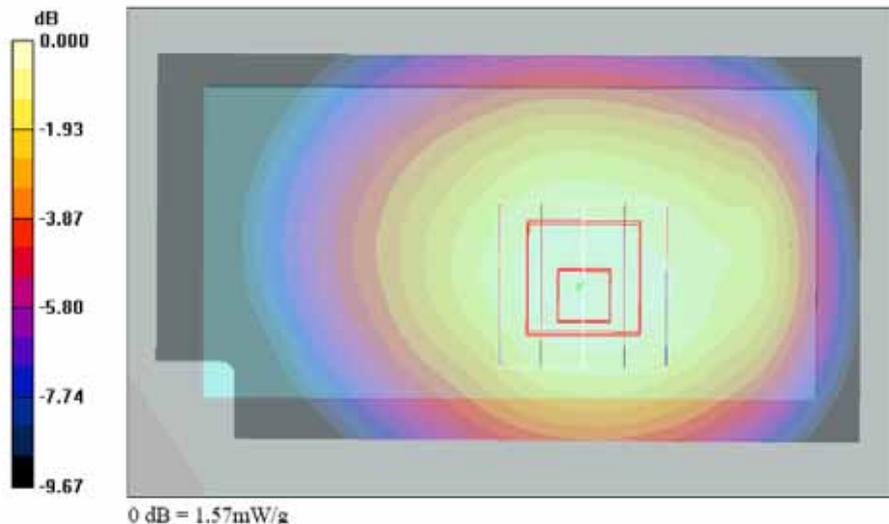Maximum value of SAR (interpolated) = 1.56 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 1.09 mW/g
Maximum value of SAR (measured) = 1.57 mW/g

dB
0.000
-1.93
-3.87
-5.80
-7.74
-9.67

0 dB = 1.57mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/9

Body_GSM850 Ch189_Keypad Down with Holster Touch_EDGE12

DUT: 750203

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850 Medium parameters used : f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 55; ρ = 1000 kg/m³
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
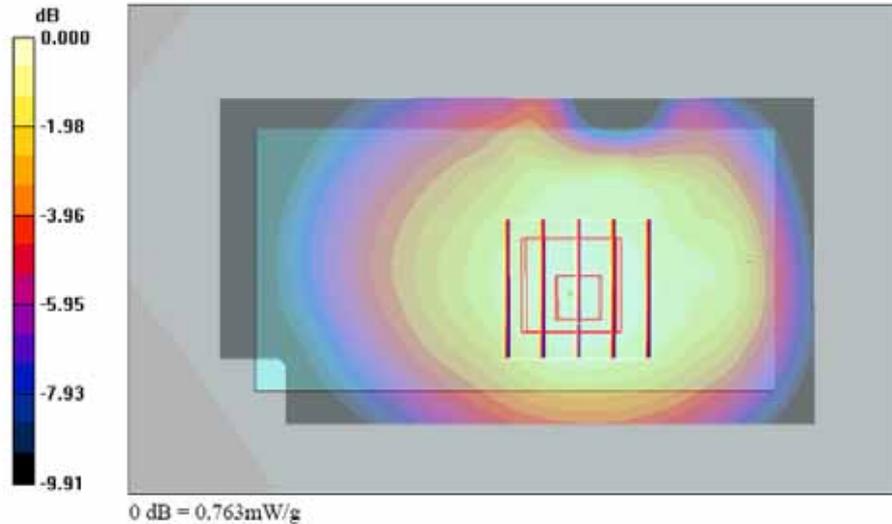Maximum value of SAR (interpolated) = 0.774 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.0 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.965 W/kg
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 0.763 mW/g

0 dB = 0.763mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/9

Body_GSM850 Ch128_Keypad Down with Holster Touch_GPRS10_BT On

DUT: 750203

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used : f = 824.2 MHz; σ = 0.958 mho/m; ε_r = 55.2; ρ = 1000 kg/m^3
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
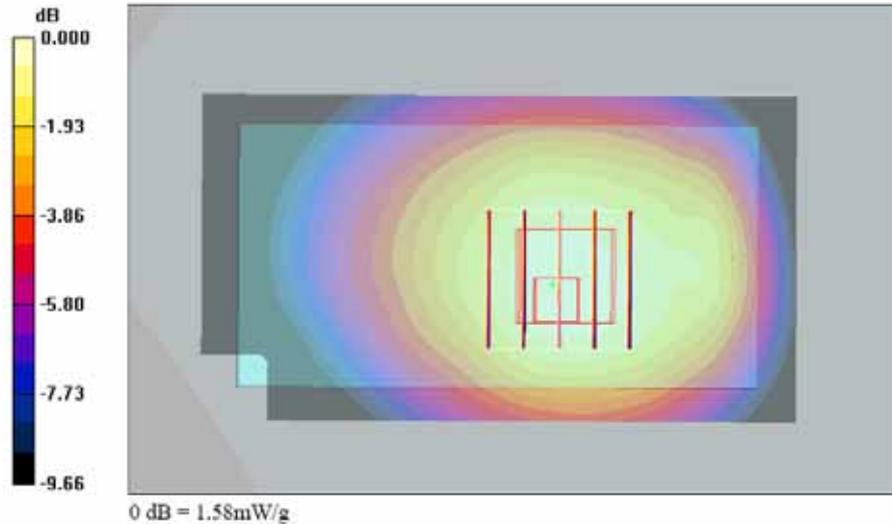Maximum value of SAR (interpolated) = 1.55 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.3 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 1.08 mW/g
Maximum value of SAR (measured) = 1.58 mW/g

0 dB = 1.58mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/10

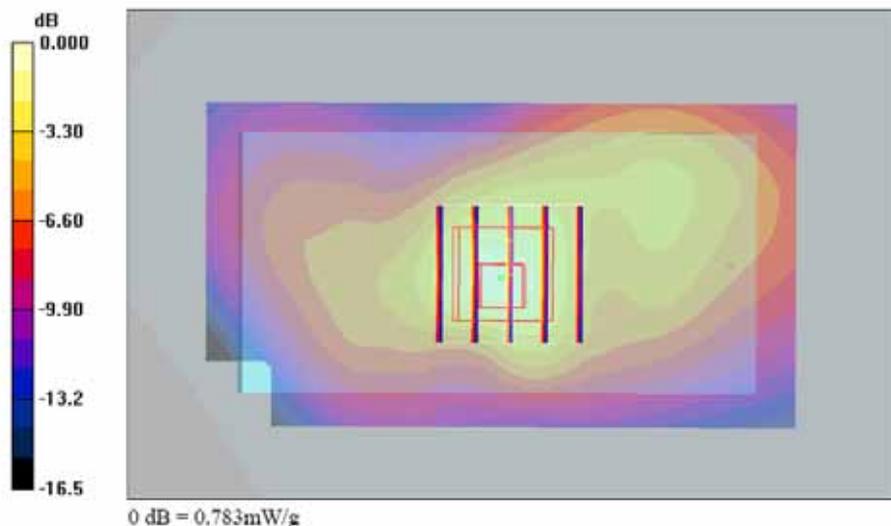**Body_PCS Ch661_Keypad Up with Holster Touch_GPRS10**

DUT: 750203

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.725 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.783 mW/g

0 dB = 0.783mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/10

Body_PCS Ch810_Keypad Up with Holster Touch_GPRS10

DUT: 750203

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 54.4; ρ = 1000 kg/m³
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
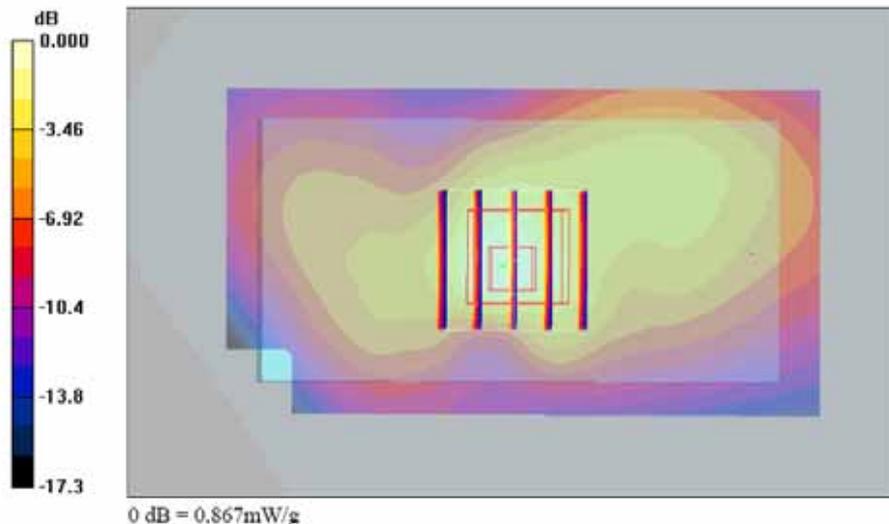Maximum value of SAR (interpolated) = 0.886 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.421 mW/g
Maximum value of SAR (measured) = 0.867 mW/g

0 dB = 0.867mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/10

Body_PCS Ch661_Keypad Down with Holster Touch_GPRS10

DUT: 750203

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 55; ρ = 1000 kg/m³
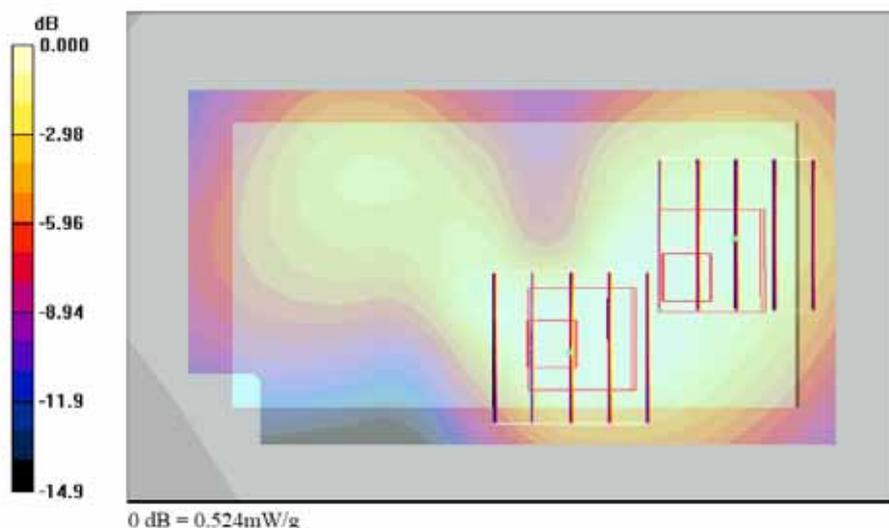Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.658 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.649 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 0.524 mW/g

0 dB = 0.524mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/10

**Body_PCS Ch810_Keypad Up with Holster Touch_GPRS10_BT On**

DUT: 750203

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: f = 1910 MHz; σ = 1.58 mho/m; ε_r = 54.4; ρ = 1000 kg/m³
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.844 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.073 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.851 mW/g
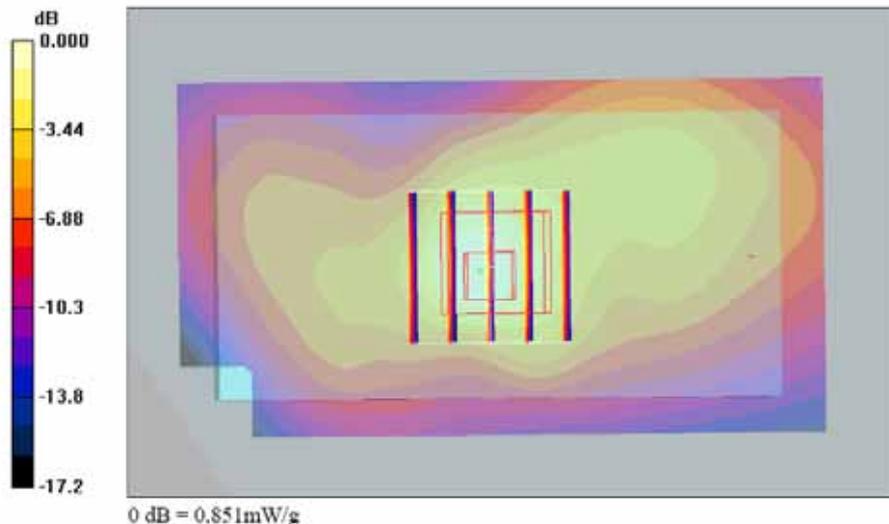
0 dB = 0.851mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

Body_WCDMA Ch4182_Keypad Up with Holster Touch_RMC12.2K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B: Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
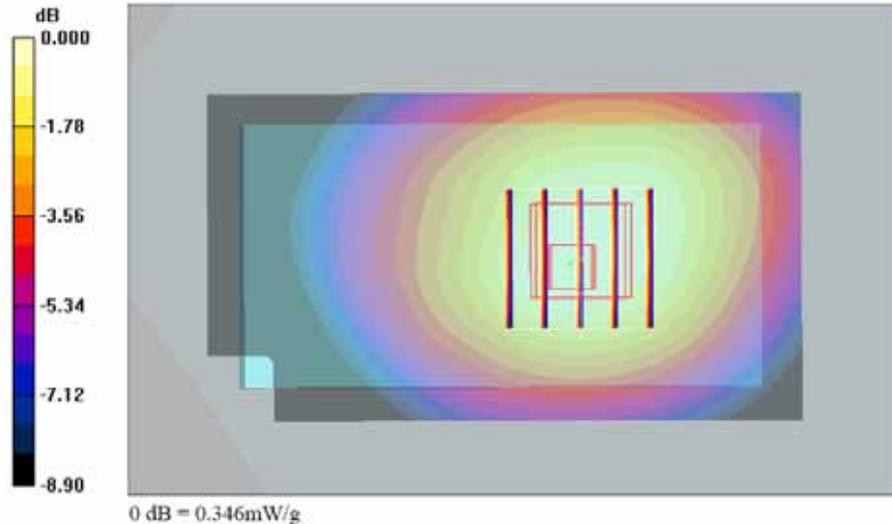Maximum value of SAR (interpolated) = 0.354 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.111 dB
Peak SAR (extrapolated) = 0.426 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.346 mW/g

0 dB = 0.346mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

Body_WCDMA Ch4182_Keypad Down with Holster Touch_RMC12.2K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
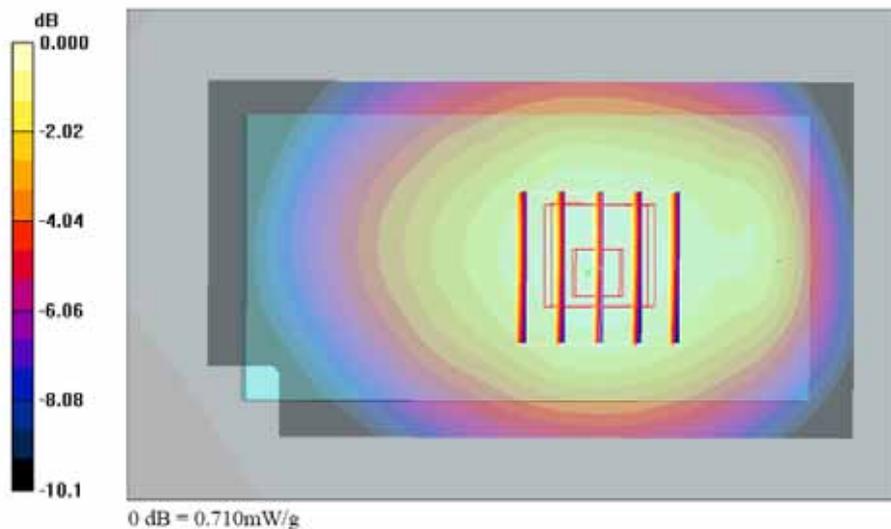Maximum value of SAR (interpolated) = 0.715 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.883 W/kg
SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 0.710 mW/g

0 dB = 0.710mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

Body_WCDMA Ch4233_Keypad Down with Holster Touch_RMC64K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 847$ MHz; $\sigma = 0.979$ mho/m; $\varepsilon_r = 54.9$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.9 ℃ ; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
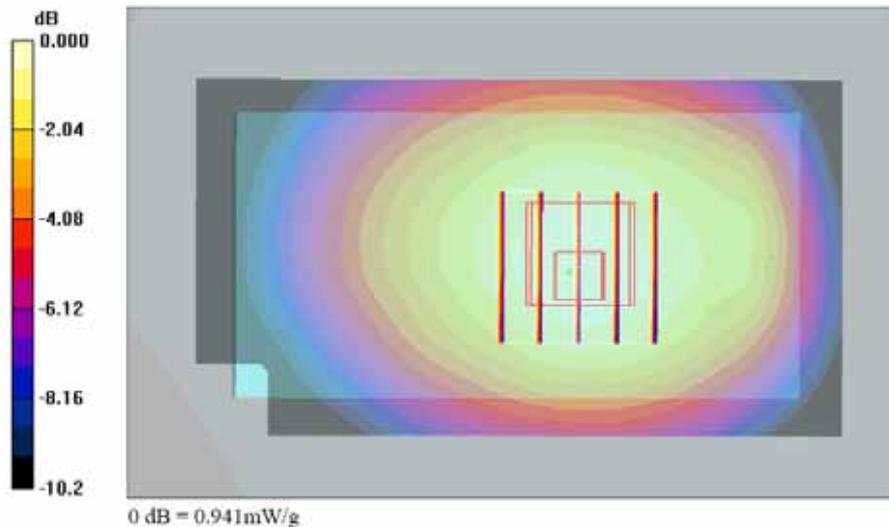Maximum value of SAR (interpolated) = 0.942 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.651 mW/g
Maximum value of SAR (measured) = 0.941 mW/g

0 dB = 0.941mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

Body_WCDMA Ch4182_Keypad Down with Holster Touch_RMC144K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: f = 836.4 MHz; σ = 0.969 mho/m; $ε_r$ = 55; ρ = 1000 kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
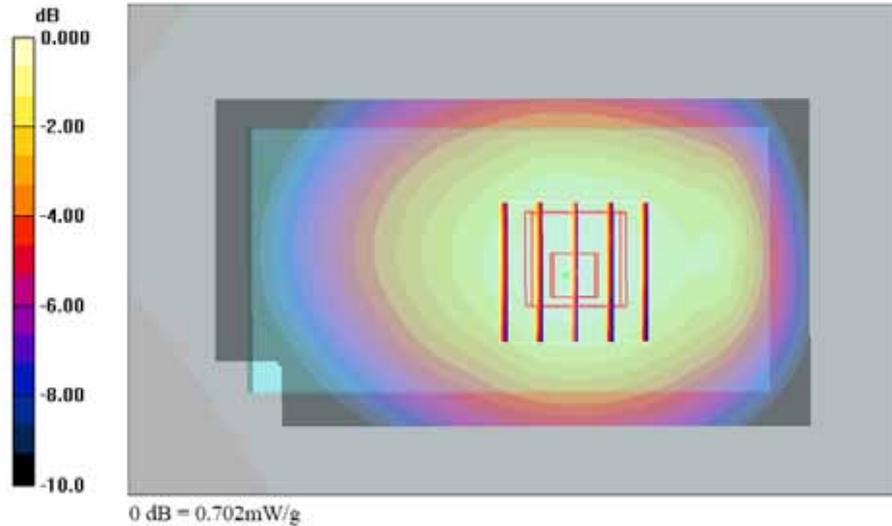Maximum value of SAR (interpolated) = 0.707 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.887 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.702 mW/g

0 dB = 0.702mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

Body_WCDMA Ch4182_Keypad Down with Holster Touch_RMC384K

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
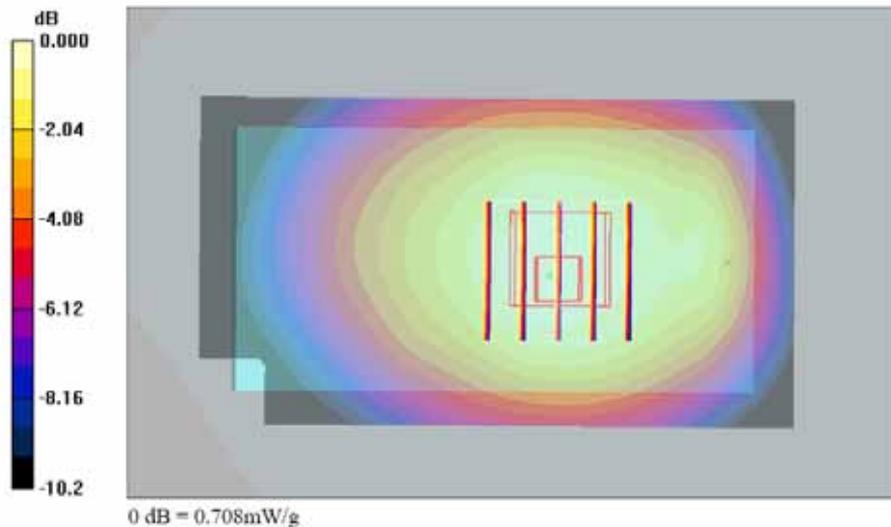Maximum value of SAR (interpolated) = 0.709 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.901 W/kg
SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 0.708 mW/g

0 dB = 0.708mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

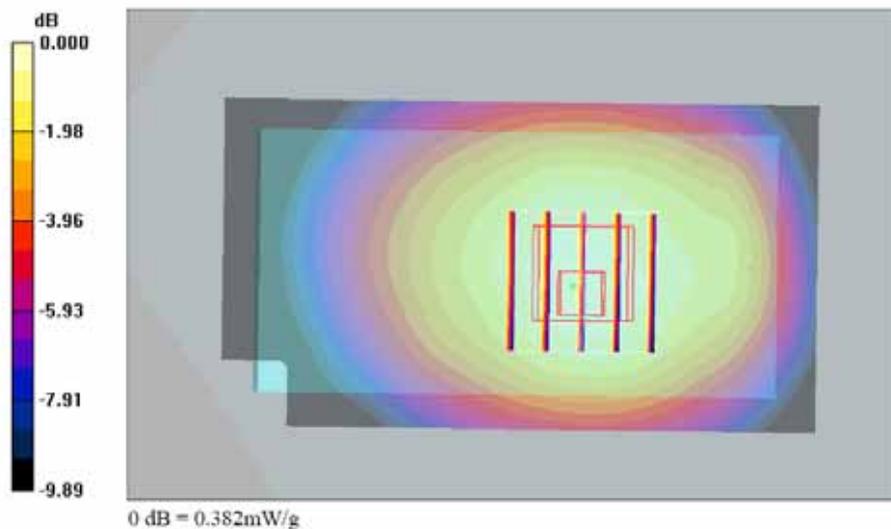**Body_WCDMA Ch4182_Keypad Down with Holster Touch_RMC12.2K+HSDPA**

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used : f = 836.4 MHz; σ = 0.969 mho/m; $ε_r$ = 55; ρ = 1000 kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.376 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.265 mW/g
Maximum value of SAR (measured) = 0.382 mW/g

0 dB = 0.382mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

Body_WCDMA Ch4233_Keypad Down with Holster Touch_RMC64K_BT On

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: f = 847 MHz; σ = 0.979 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Ambient Temperature : 22.9 ℃ ; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
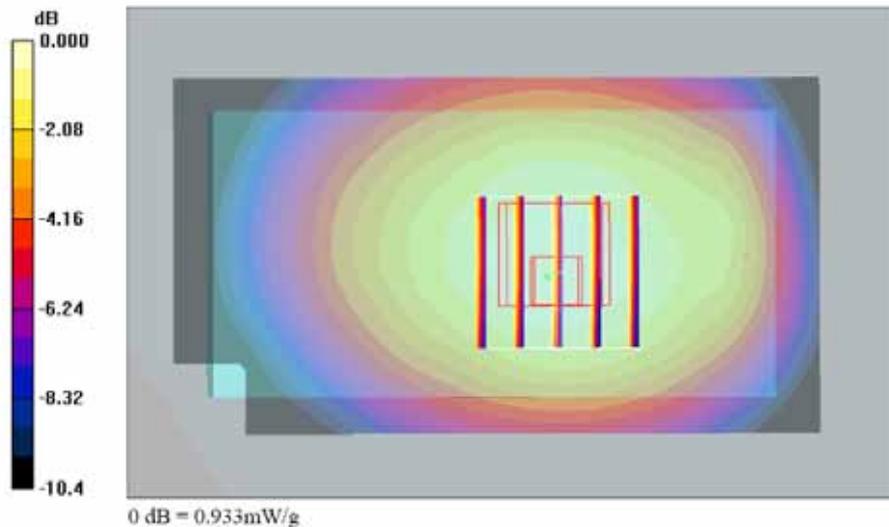Maximum value of SAR (interpolated) = 0.961 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.640 mW/g
Maximum value of SAR (measured) = 0.933 mW/g

0 dB = 0.933mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

Body_WCDMA Ch9400_Keypad Up with Holster Touch_RMC12.2K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
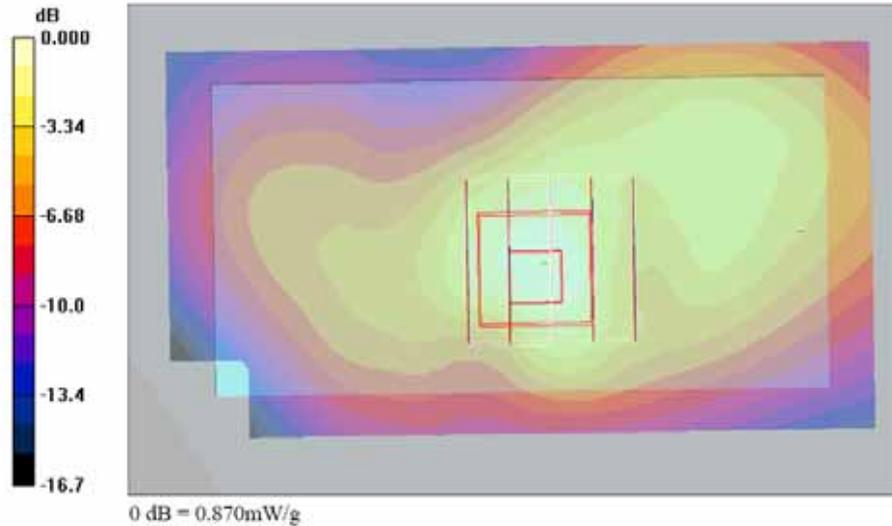Maximum value of SAR (interpolated) = 0.869 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = -0.166 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.453 mW/g
Maximum value of SAR (measured) = 0.870 mW/g

0 dB = 0.870mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

Body_WCDMA Ch9400_Keypad Up with Holster Touch_RMC64K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m^3
Ambient Temperature : 23.0 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
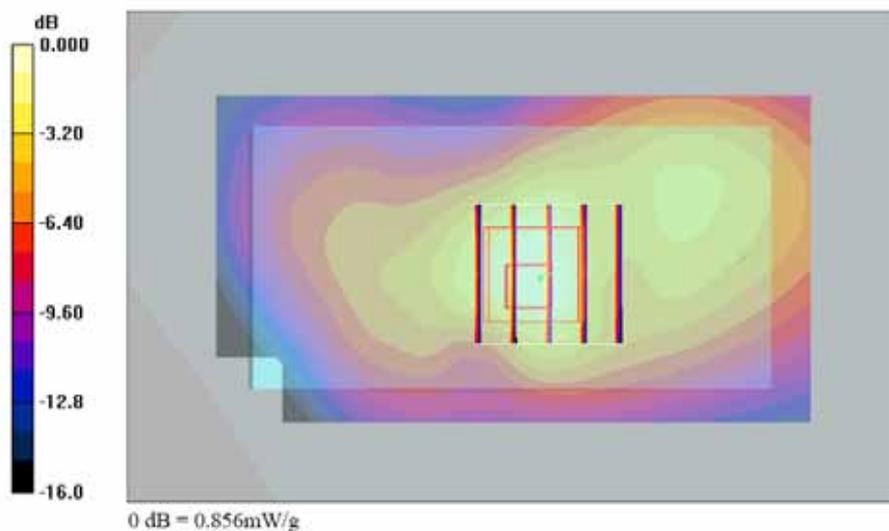Maximum value of SAR (interpolated) = 0.903 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.856 mW/g

0 dB = 0.856mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

Body_WCDMA Ch9400_Keypad Up with Holster Touch_RMC144K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m^3
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
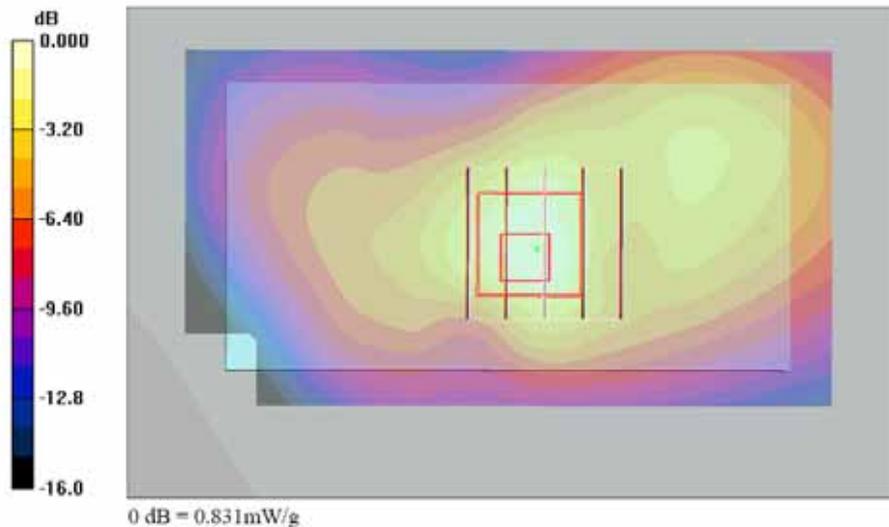Maximum value of SAR (interpolated) = 0.876 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.199 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 0.831 mW/g

0 dB = 0.831mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

Body_WCDMA Ch9400_Keypad Up with Holster Touch_RMC384K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
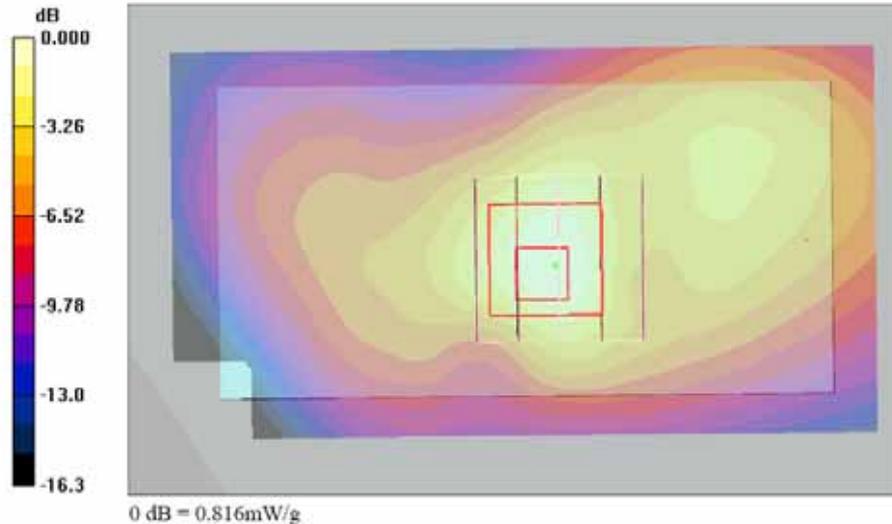Maximum value of SAR (interpolated) = 0.867 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.816 mW/g

0 dB = 0.816mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

Body_WCDMA Ch9400_Keypad Up with Holster Touch_RMC12.2K+HSDPA

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m³
Ambient Temperature：22.9 ℃；Liquid Temperature：21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
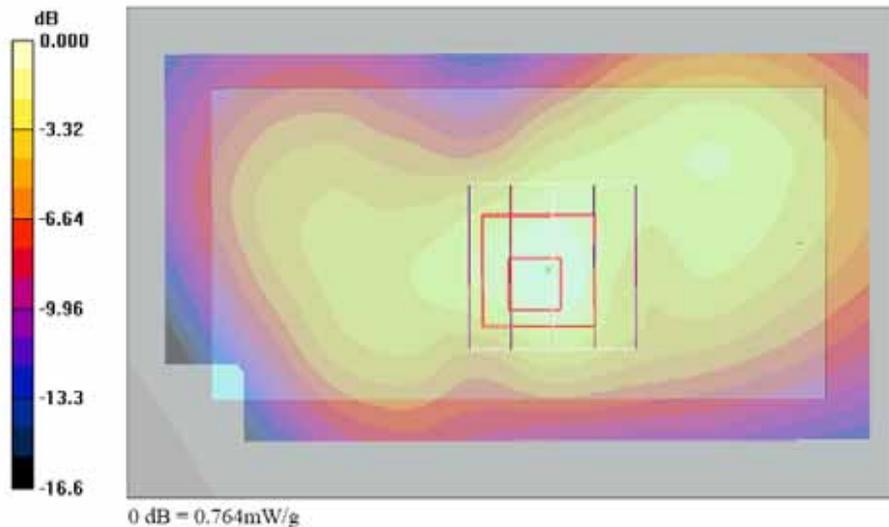Maximum value of SAR (interpolated) = 0.810 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.402 mW/g
Maximum value of SAR (measured) = 0.764 mW/g

0 dB = 0.764mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

Body_WCDMA Ch9400_Keypad Up with Holster Touch_RMC64K_BT On

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 55; ρ = 1000 kg/m³
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
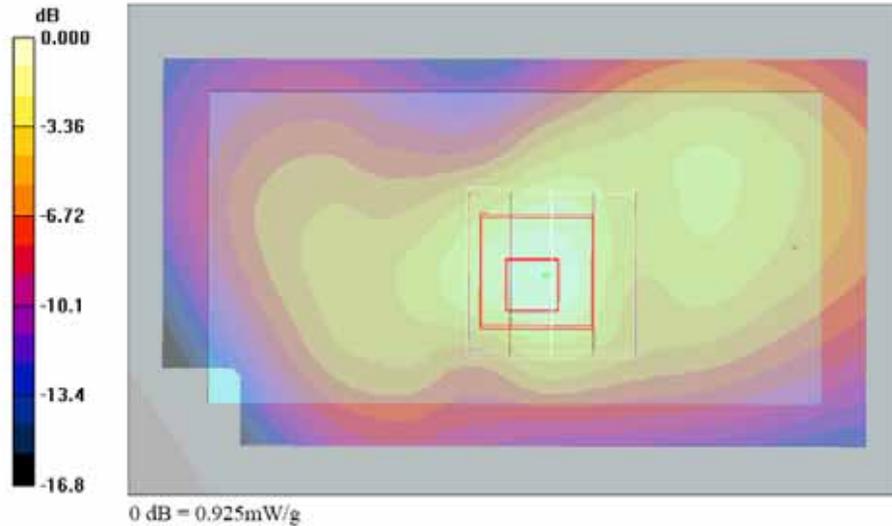Maximum value of SAR (interpolated) = 0.971 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.925 mW/g

0 dB = 0.925mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/12

Body_WCDMA Ch9400_Keypad Down with Holster Touch_RMC12.2K

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ kg/m^3
Ambient Temperature : 23.0 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.704 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.376 mW/g
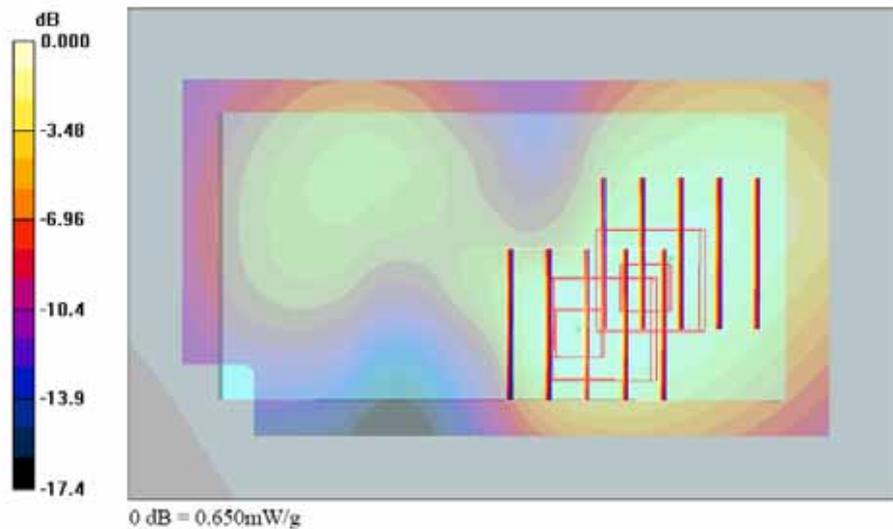Maximum value of SAR (measured) = 0.699 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.916 W/kg
SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 0.650 mW/g

0 dB = 0.650mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/21

Body_802.11b Ch6_Keypad Up with Holster Touch

DUT: 750203

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 53; ρ = 1000 kg/m³
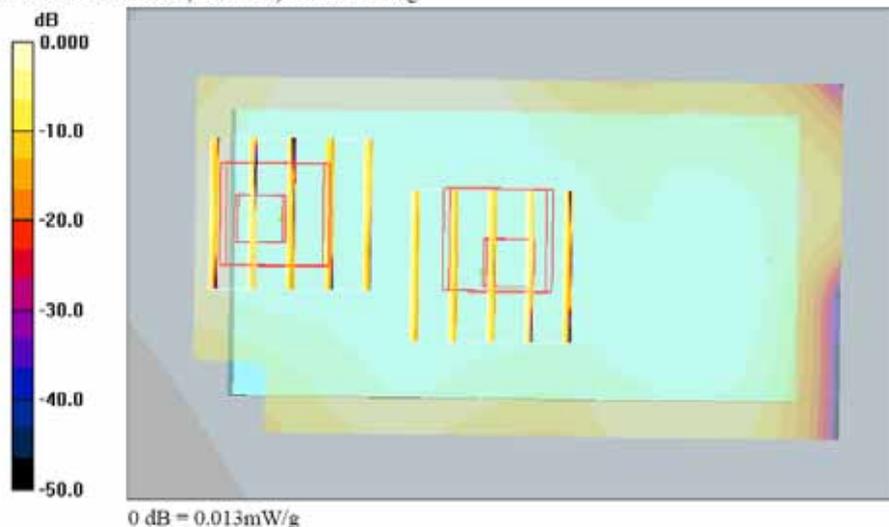Ambient Temperature : 22.9 ℃ ; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.02, 4.02, 4.02); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.019 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.84 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.040 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00945 mW/g
Maximum value of SAR (measured) = 0.018 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.84 V/m; Power Drift = -0.124 dB
Peak SAR (extrapolated) = 0.034 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00617 mW/g
Maximum value of SAR (measured) = 0.013 mW/g

0 dB = 0.013mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/21

Body_802.11b Ch11_Keypad Down with Holster Touch

DUT: 750203

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 53; ρ = 1000 kg/m³
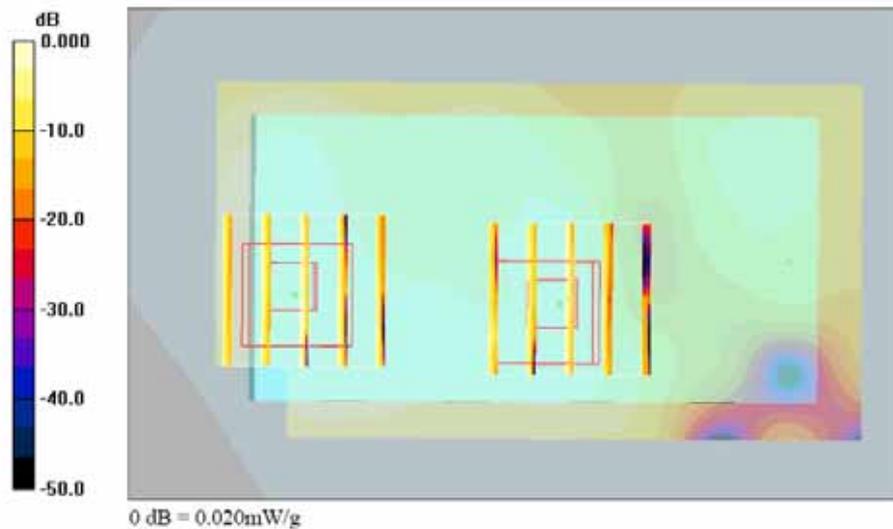Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.02, 4.02, 4.02); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch11/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.030 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.33 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.028 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.33 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00846 mW/g
Maximum value of SAR (measured) = 0.020 mW/g

0 dB = 0.020mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date ime: 2007/9/21

Body_802.11g Ch6_Keypad Down with Holster Touch

DUT: 750203

Communication System: 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.95 mho/m; ε_r = 53; ρ = 1000 kg/m³
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.02, 4.02, 4.02); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.015 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.871 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.027 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00729 mW/g
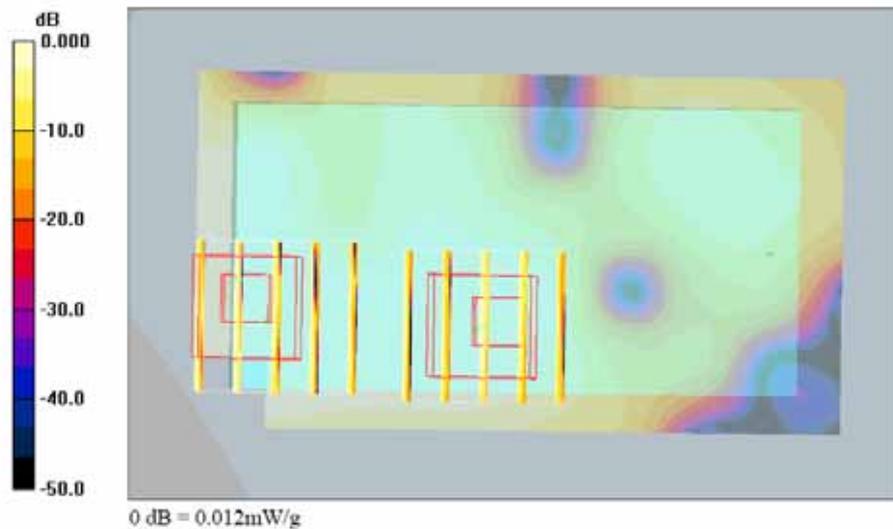Maximum value of SAR (measured) = 0.016 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.871 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.023 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00605 mW/g
Maximum value of SAR (measured) = 0.012 mW/g

0 dB = 0.012mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/9/21

Body_802.11b Ch11_Keypad Down with Holster Touch_Bluetooth

DUT: 750203

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 53; ρ = 1000 kg/m³
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.02, 4.02, 4.02); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch11/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.026 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.55 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g
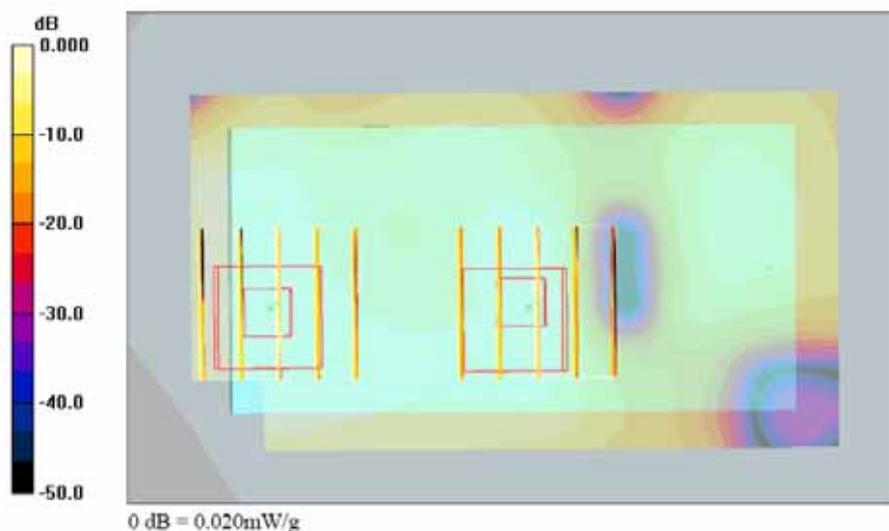Maximum value of SAR (measured) = 0.024 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.55 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.030 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00764 mW/g
Maximum value of SAR (measured) = 0.020 mW/g

0 dB = 0.020mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/2

Left Cheek_GSM850 Ch128_Bluetooth On_2D

DUT: 750203

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium: HSL_850 Medium parameters used : f = 824.2 MHz; σ = 0.889 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.6, 6.6, 6.6); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.762 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.913 W/kg
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.765 mW/g
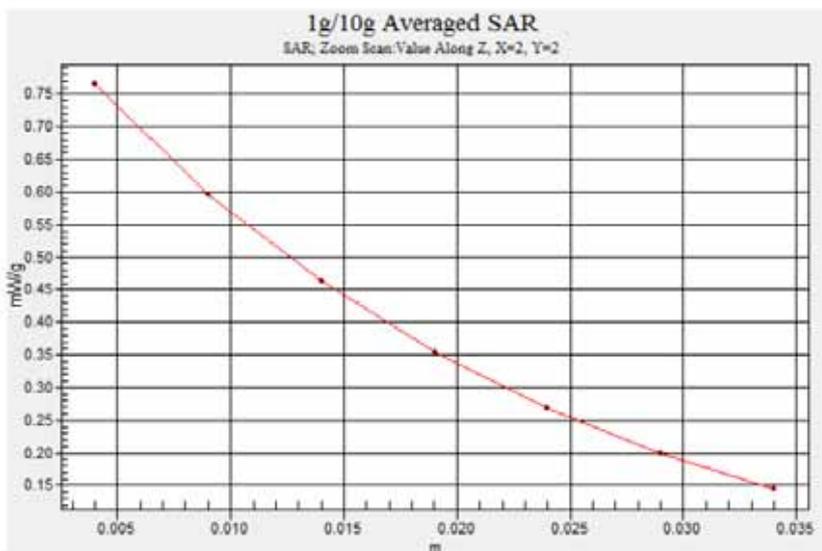
Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/2

Right Cheek_PCS Ch810_2D

DUT: 750203

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900 Medium parameters used: f = 1910 MHz; σ = 1.4 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.3, 5.3, 5.3); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
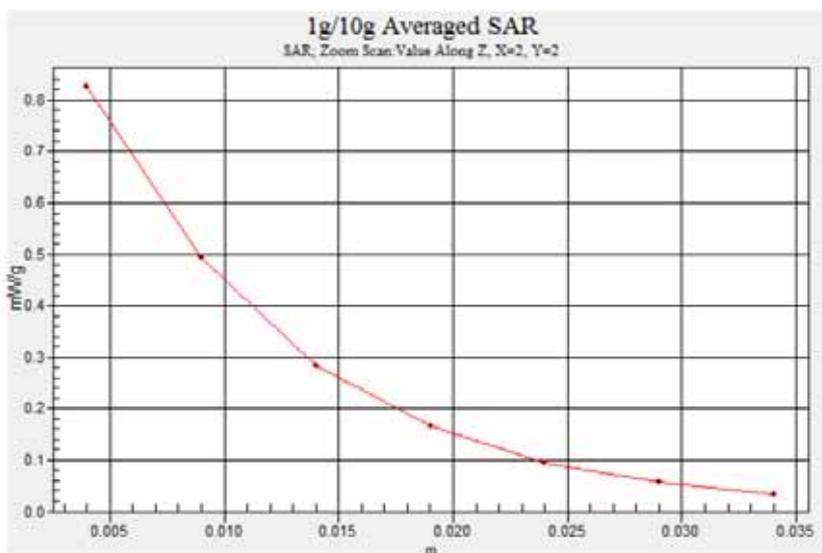Maximum value of SAR (interpolated) = 0.902 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 0.825 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/1

Left Cheek_WCDMA Ch4233_2D

DUT: 750203

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850 Medium parameters used: f = 847 MHz; σ = 0.911 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.6, 6.6, 6.6); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.702 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.1 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.706 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
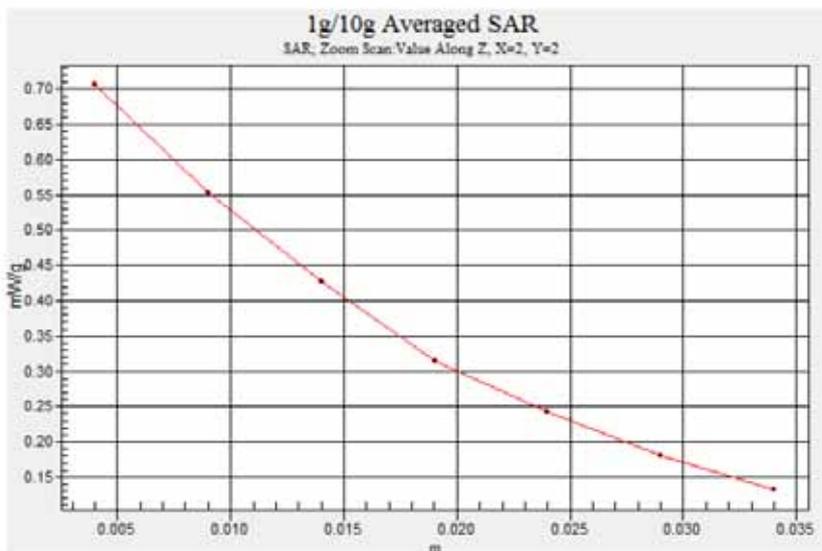
Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/1

Right Cheek_WCDMA Ch9400_2D

DUT: 750203

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.37 mho/m; ε_r = 39.3; ρ = 1000 kg/m³
Ambient Temperature : 23.0 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(5.3, 5.3, 5.3); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
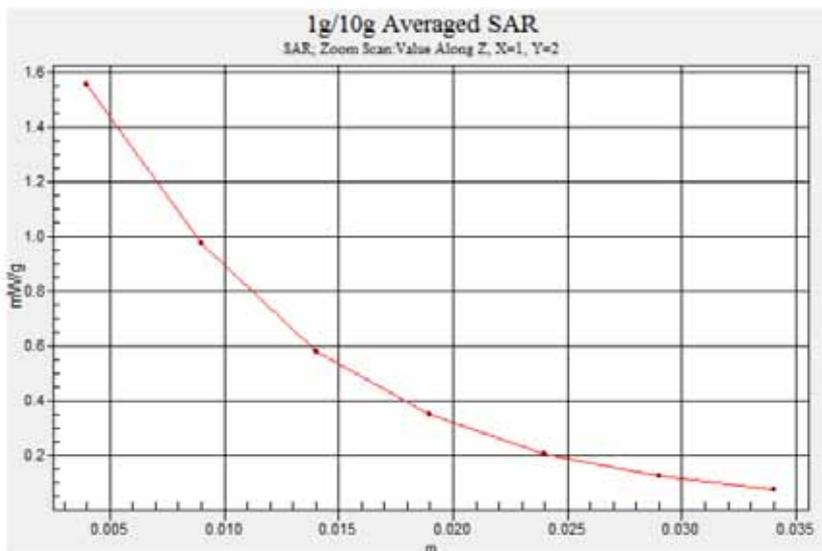Maximum value of SAR (interpolated) = 1.57 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.1 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.836 mW/g
Maximum value of SAR (measured) = 1.55 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/15

Light Cheek_802.11g Ch11_BT On_2D

DUT: 750203

Communication System: 802.11g; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.87 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3

Ambient Temperature : 22.6 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.66, 4.66, 4.66); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch11/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.030 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.48 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 0.054 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.029 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date : 2007/8/7

Body_GSM850 Ch128_Keypad Down with 2.5cm Gap_GPRS10_Bluetooth On_2D

DUT: 750203

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4

Medium: MSL_850 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.957$ mho/m; $\varepsilon_r = 54.4$; $\rho = 1000$ kg/m^3
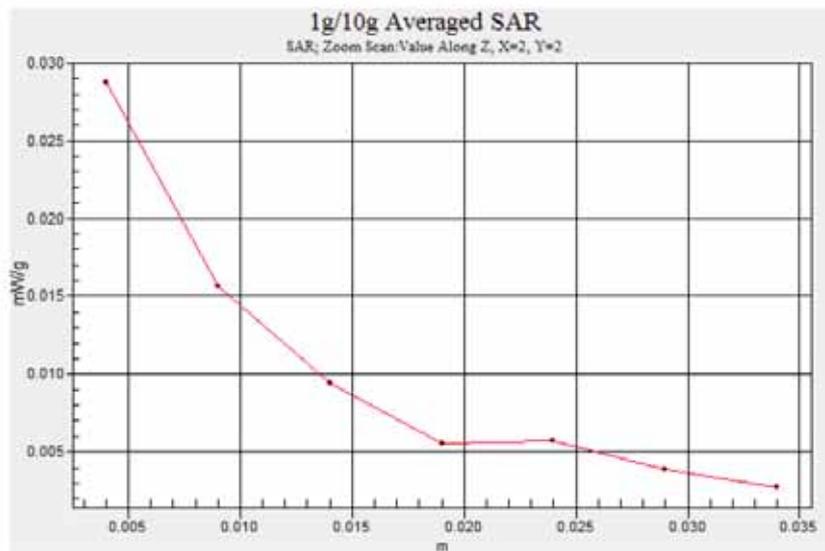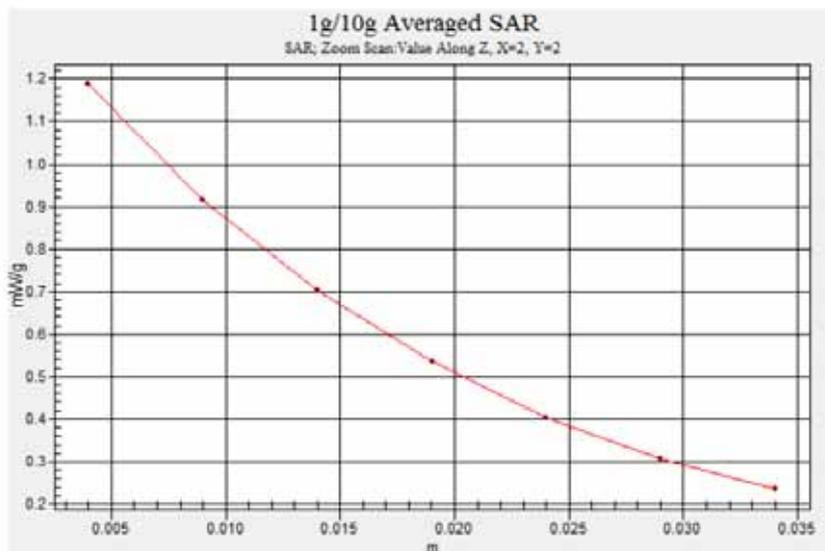
Ambient Temperature : 22.8 ℃; Liquid Temperature : 21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.4 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.842 mW/g
Maximum value of SAR (measured) = 1.19 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/7

Body_PCS Ch810_Keypad Down with 2.5cm Gap_GPRS10_Bluetooth On_2D

DUT: 750203

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4

Medium: MSL_1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.52$ mho/m; $\varepsilon_r = 52.6$; $\rho = 1000$ kg/m^3

Ambient Temperature : 23.7 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.281 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.280 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab　　　Date : 2007/8/7

Body_WCDMA Ch4132_Keypad Down with 2.5cm Gap_RMC64K_2D

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: f = 826.4 MHz; σ = 0.959 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
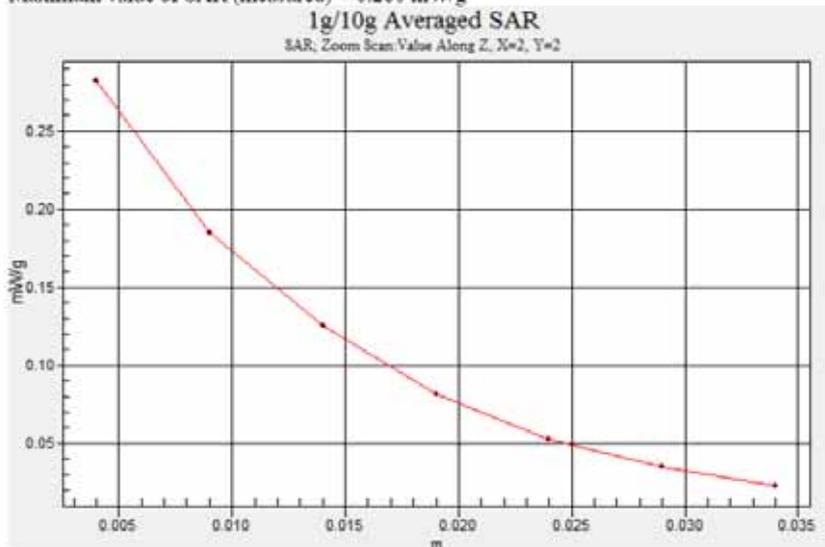Maximum value of SAR (interpolated) = 0.548 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.2 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 0.552 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan/Value Along Z, X=3, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab　　　　Date : 2007/8/7

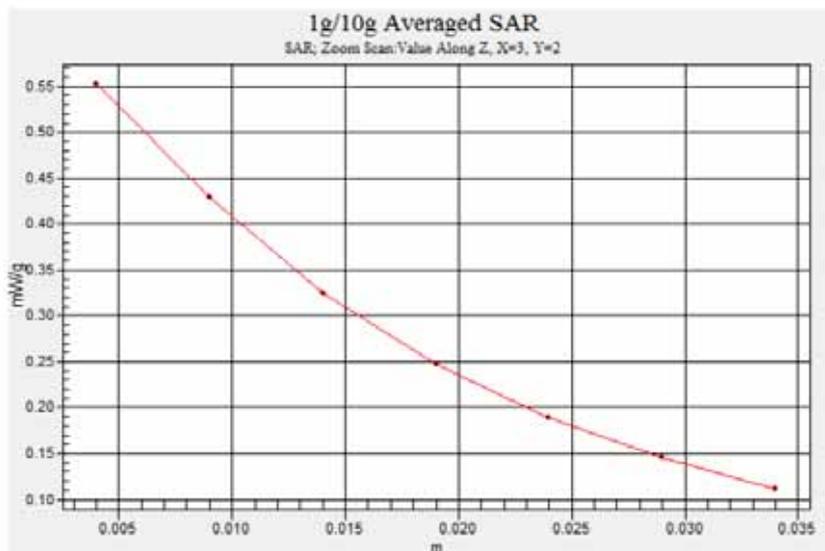## Body_WCDMA Ch9400_Keypad Down with 2.5cm Gap_RMC144K_2D

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 52.6; ρ = 1000 kg/m³
Ambient Temperature : 23.1 ℃; Liquid Temperature : 21.6 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.277 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.276 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/8/15

Body_802.11g Ch6_Keypad Down with 2.5cm Gap_Bluetooth On_2D

DUT: 750203

Communication System: 802.11g; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.94 mho/m; ε_r = 52.8; ρ = 1000 kg/m³

Ambient Temperature : 23.0 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1788; ConvF(4.11, 4.11, 4.11); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.012 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.88 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00536 mW/g
Maximum value of SAR (measured) = 0.012 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.88 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.038 W/kg
SAR(1 g) = 0.00937 mW/g; SAR(10 g) = 0.00432 mW/g
Maximum value of SAR (measured) = 0.009 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=1

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/9

Body_GSM850 Ch128_Keypad Down with Holster Touch_GPRS10_2D

DUT: 750203

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used : f = 824.2 MHz; σ = 0.958 mho/m; $ε_r$ = 55.2; ρ = 1000 kg/m³
Ambient Temperature：23.2 ℃；Liquid Temperature：21.5 ℃
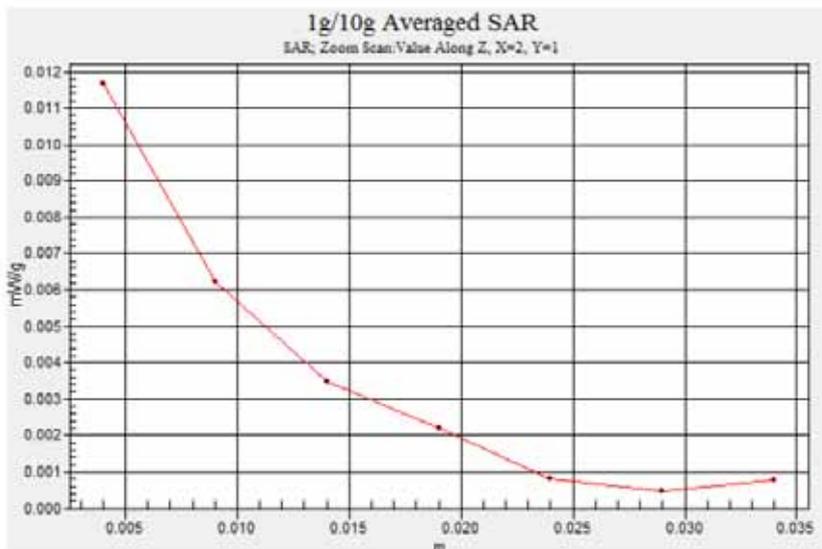
DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.56 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 1.09 mW/g
Maximum value of SAR (measured) = 1.57 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/10

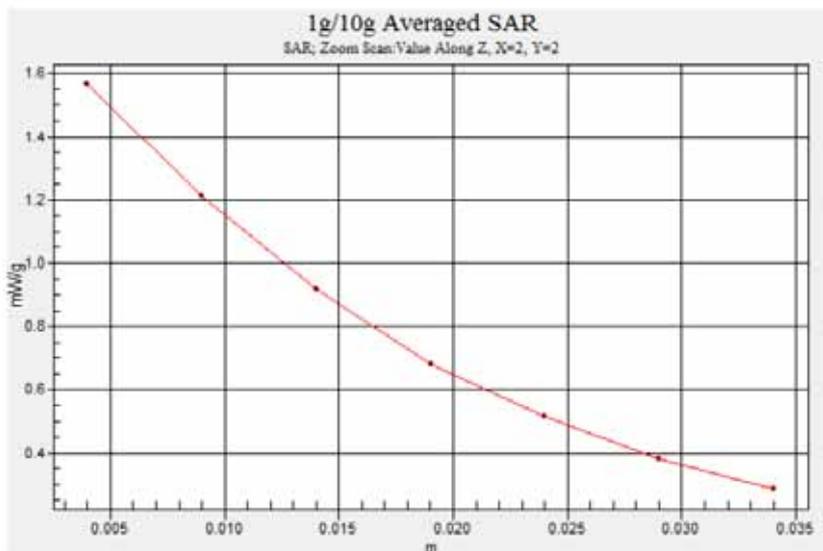### Body_PCS Ch810_Keypad Up with Holster Touch_GPRS10_2D

DUT: 750203

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.58$ mho/m; $\varepsilon_r = 54.4$; $\rho = 1000$ kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.886 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.421 mW/g
Maximum value of SAR (measured) = 0.867 mW/g

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

Body_WCDMA Ch4233_Keypad Down with Holster Touch_RMC64K_2D

DUT: 750203

Communication System: WCDMA Band 5; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: f = 847 MHz; σ = 0.979 mho/m; ε_r = 54.9; ρ = 1000 kg/m^3
Ambient Temperature：22.9 ℃；Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.1, 6.1, 6.1); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
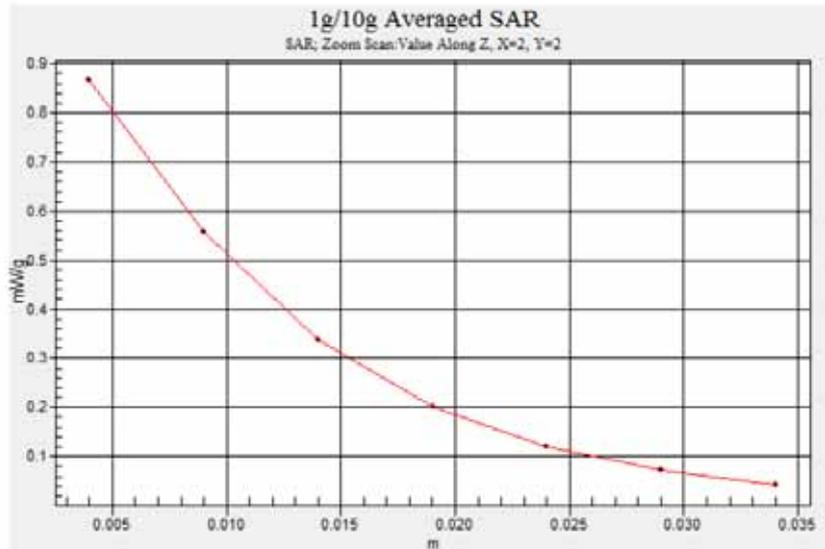Maximum value of SAR (interpolated) = 0.942 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.651 mW/g
Maximum value of SAR (measured) = 0.941 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan/Value Along Z, X=2, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/12

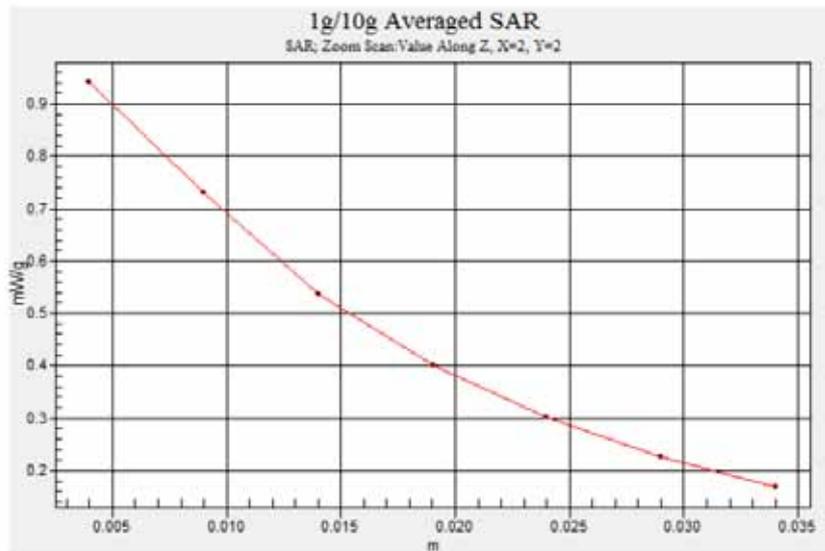**Body_WCDMA Ch9400_Keypad Up with Holster Touch_RMC64K_BT On_2D**

DUT: 750203

Communication System: WCDMA Band 2; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 55; ρ = 1000 kg/m³
Ambient Temperature : 23.2 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.68, 4.68, 4.68); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
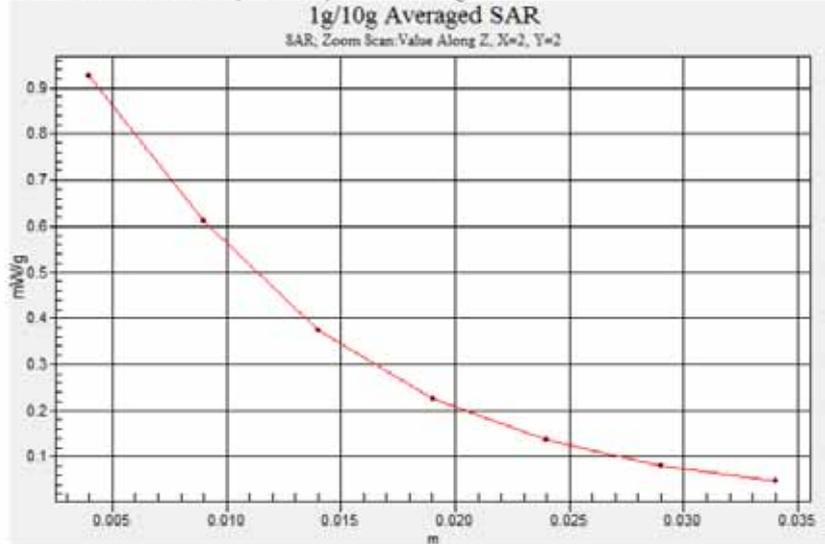Maximum value of SAR (interpolated) = 0.971 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = 0.093 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.925 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan;Value Along Z, X=2, Y=2

Test Laboratory: Sporton International Inc. SAR Testing Lab   Date: 2007/9/21

Body_802.11b Ch11_Keypad Down with Holster Touch_2D

DUT: 750203

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature : 22.9 ℃; Liquid Temperature : 21.7 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.02, 4.02, 4.02); Calibrated: 2007/8/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch11/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.030 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.33 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g
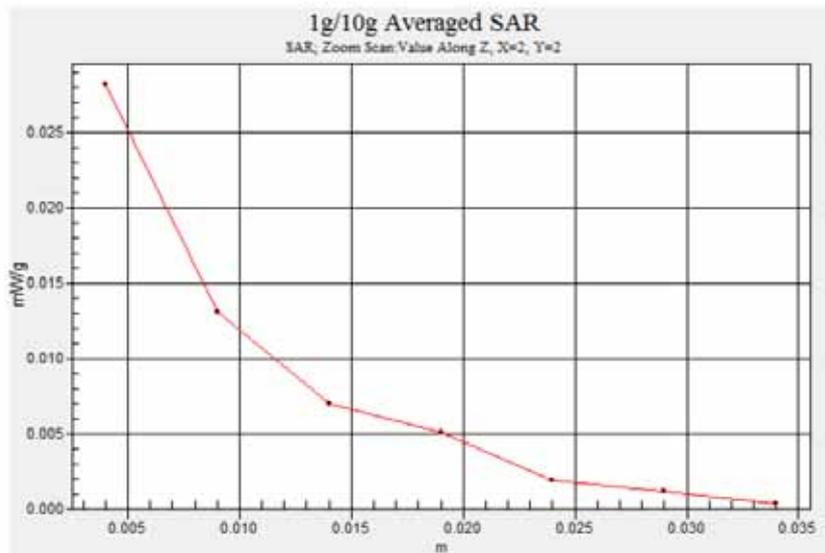Maximum value of SAR (measured) = 0.028 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.33 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00846 mW/g
Maximum value of SAR (measured) = 0.020 mW/g

Appendix C – Calibration Data

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

Schweizerischer Kalibrierdienst
Service suisse d'étalonnage
Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Federal Office of Metrology and Accreditation
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 108**

Client	**Sporton (Auden)**	Certificate No: **D835V2-499_Mar06**

CALIBRATION CERTIFICATE

Object	D835V2 - SN: 499
Calibration procedure(s)	QA CAL-05.v6 Calibration procedure for dipole validation kits
Calibration date:	March 15, 2006
Condition of the calibrated item	In Tolerance

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power meter EPM-442A	GB37480704	04-Oct-05 (METAS, No. 251-00516)	Oct-06
Power sensor HP 8481A	US37292783	04-Oct-05 (METAS, No. 251-00516)	Oct-06
Reference 20 dB Attenuator	SN: 5086 (20g)	11-Aug-05 (METAS, No 251-00498)	Aug-06
Reference 10 dB Attenuator	SN: 5047.2 (10r)	11-Aug-05 (METAS, No 251-00498)	Aug-06
Reference Probe ET3DV6	SN 1507	28-Oct-05 (SPEAG, No. ET3-1507_Oct05)	Oct-06
DAE4	SN 601	15-Dec-05 (SPEAG, No. DAE4-601_Dec05)	Dec-06

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power sensor HP 8481A	MY41092317	18-Oct-02 (SPEAG, in house check Oct-05)	In house check: Oct-07
RF generator Agilent E4421B	MY41000675	11-May-05 (SPEAG, in house check Nov-05)	In house check: Nov-07
Network Analyzer HP 8753E	US37390585 S4206	18-Oct-01 (SPEAG, in house check Nov-05)	In house check: Nov-06

	Name	Function	Signature
Calibrated by:	Judith Müller	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: March 16, 2006

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: D835V2-499_Mar06   Page 1 of 9

Calibration Laboratory of
Schmid & Partner
  Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

ilac-MRA	**SWISS CALIBRATION**

S   Schweizerischer Kalibrierdienst
C   Service suisse d'étalonnage
    Servizio svizzero di taratura
S   Swiss Calibration Service

Accredited by the Swiss Federal Office of Metrology and Accreditation
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 108**

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003

b) CENELEC EN 50361, "Basic standard for the measurement of Specific Absorption Rate related to human exposure to electromagnetic fields from mobile phones (300 MHz - 3 GHz), July 2001

c) Federal Communications Commission Office of Engineering & Technology (FCC OET), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radiofrequency Emissions", Supplement C (Edition 01-01) to Bulletin 65

Additional Documentation:

d) DASY4 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.

- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.

- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.

- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.

- *SAR measured:* SAR measured at the stated antenna input power.

- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.

- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

Certificate No: D835V2-499_Mar06   Page 2 of 9