

## ATTACHMENT O – SAR TEST PLOTS -2/2-

Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM850(Body) / Channel : 190  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 1, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

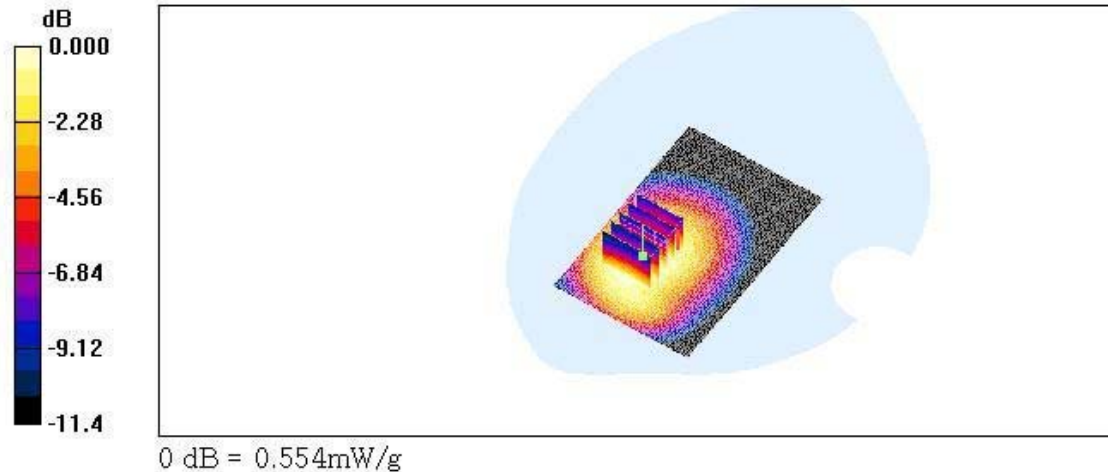
- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 835/900 MHz; Type: SAM

**GSM850 Body 190/Area Scan (61x91x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

**GSM850 Body 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 8.84 V/m; Power Drift = -0.148 dB  
Peak SAR (extrapolated) = 0.731 W/kg  
**SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.354 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.554 mW/g



Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM850(Body) / Channel : 190 (Bluetooth)  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 1, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.99 \text{ mho/m}$ ;  $\epsilon_r = 53.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

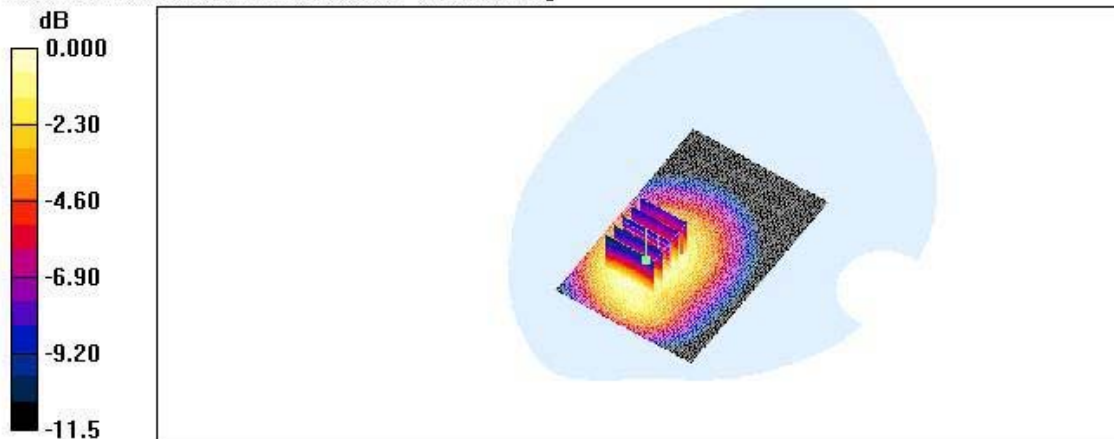
DASY4 Configuration:  
- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23  
- Phantom: SAM 835/900 MHz; Type: SAM

**GSM850 Body 190/Area Scan (61x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.561 mW/g

**GSM850 Body 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 8.55 V/m; Power Drift = -0.178 dB  
Peak SAR (extrapolated) = 0.726 W/kg  
**SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.343 mW/g**

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



0 dB = 0.541mW/g

Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM850(Body) / Channel : 190(GPRS)  
Liquid Temperature : 21.6 °C / Ambient Temperature :21.8 °C  
Date Tested : November 1, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 835/900 MHz; Type: SAM

**GSM850 Body 190/Area Scan (61x91x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

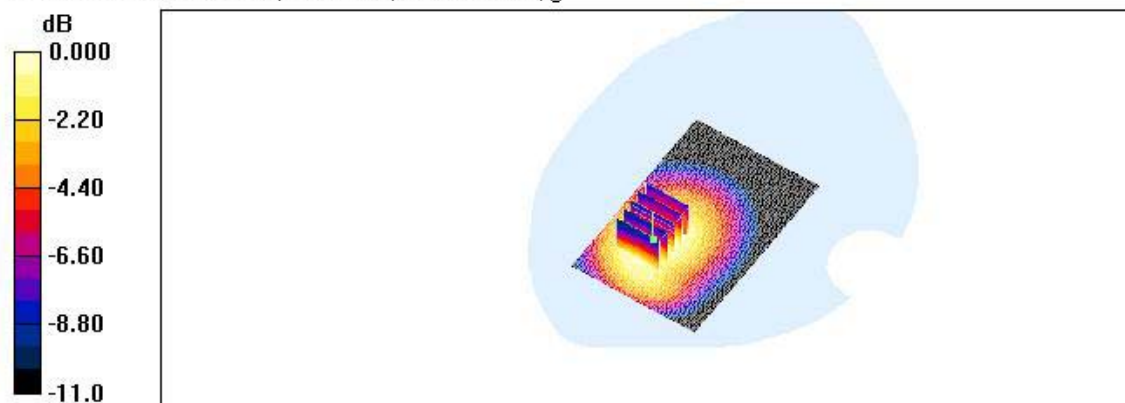
Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.460 mW/g

**GSM850 Body 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.21 V/m; Power Drift = -0.155 dB  
Peak SAR (extrapolated) = 0.564 W/kg  
**SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.289 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.439 mW/g



0 dB = 0.439mW/g

Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM850(Body) / Channel : 190 (Front)  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 1, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 835/900 MHz; Type: SAM

**GSM850 Body 190/Area Scan (61x91x1):** Measurement grid:  $\Delta x=15$ mm,  $\Delta y=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.253 mW/g

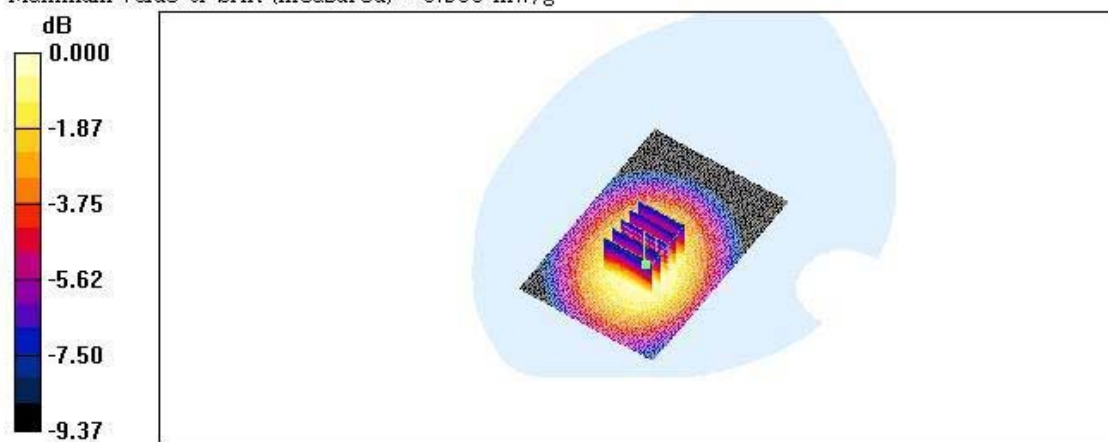
**GSM850 Body 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x=8$ mm,  $\Delta y=8$ mm,  $\Delta z=5$ mm

Reference Value = 9.05 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.177 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM1900(Body)/ Channel : 661  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 2, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

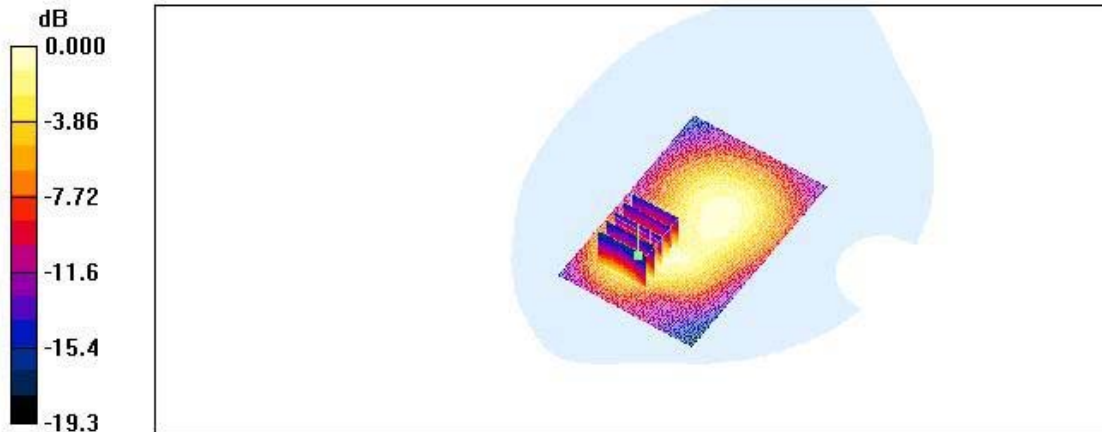
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.398 mW/g

**GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.9 V/m; Power Drift = -0.007 dB  
Peak SAR (extrapolated) = 0.617 W/kg  
**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.202 mW/g**  
Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383mW/g

Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM1900(Body)/ Channel : 661(Bluetooth)  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 2, 2006

DUT: SP-770 (BODY); Type: Folder; Serial: #1

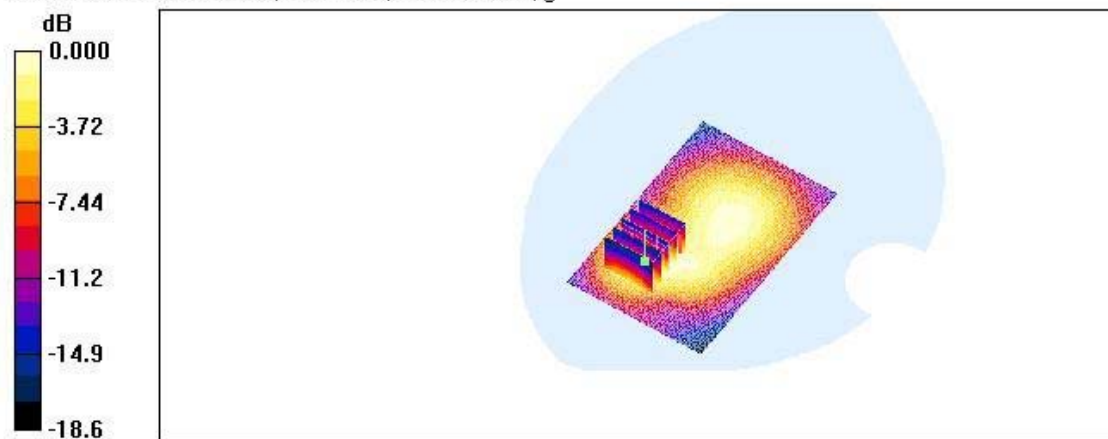
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (61x91x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm  
Maximum value of SAR (interpolated) = 0.390 mW/g

**GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $\Delta x = 8$ mm,  $\Delta y = 8$ mm,  $\Delta z = 5$ mm  
Reference Value = 12.7 V/m; Power Drift = -0.209 dB  
Peak SAR (extrapolated) = 0.602 W/kg  
**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.200 mW/g**  
Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.374mW/g

Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM1900(Body) / Channel : 661(GPRS)  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 2, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

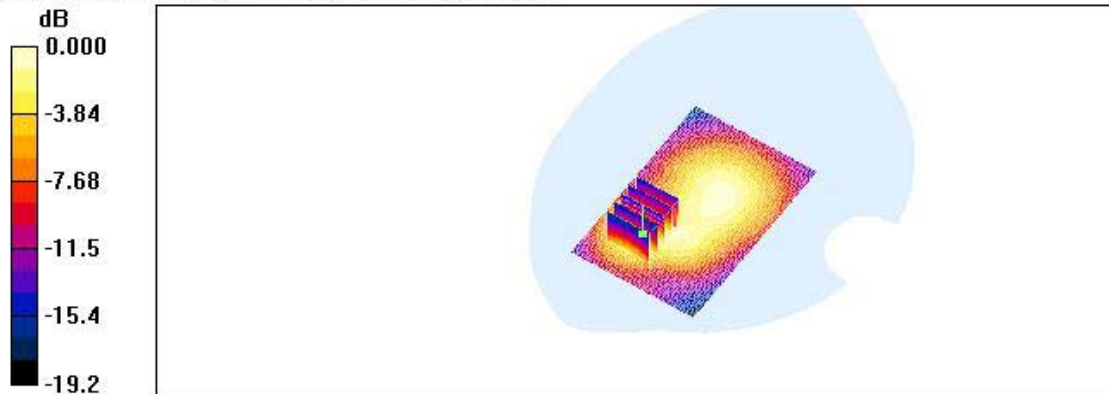
DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (61x91x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.362 mW/g

**GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 12.1 V/m; Power Drift = -0.045 dB  
Peak SAR (extrapolated) = 0.562 W/kg  
**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.190 mW/g**

Maximum value of SAR (measured) = 0.357 mW/g





Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM1900(Body)/ Channel : 661 (Front)  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 2, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

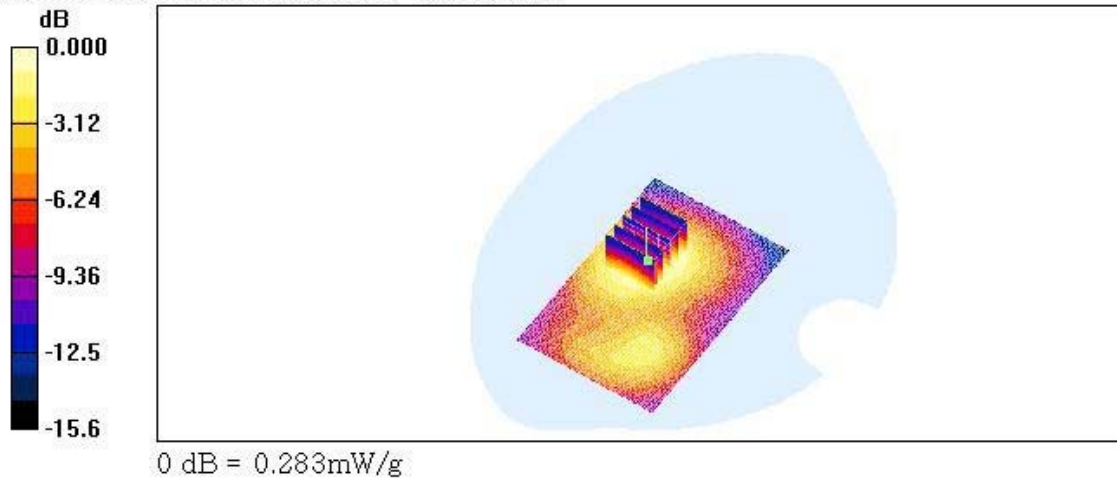
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (61x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.274 mW/g

**GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.7 V/m; Power Drift = -0.026 dB  
Peak SAR (extrapolated) = 0.407 W/kg  
**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.161 mW/g**  
Maximum value of SAR (measured) = 0.283 mW/g



Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM850 / Channel : 251  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 1, 2006

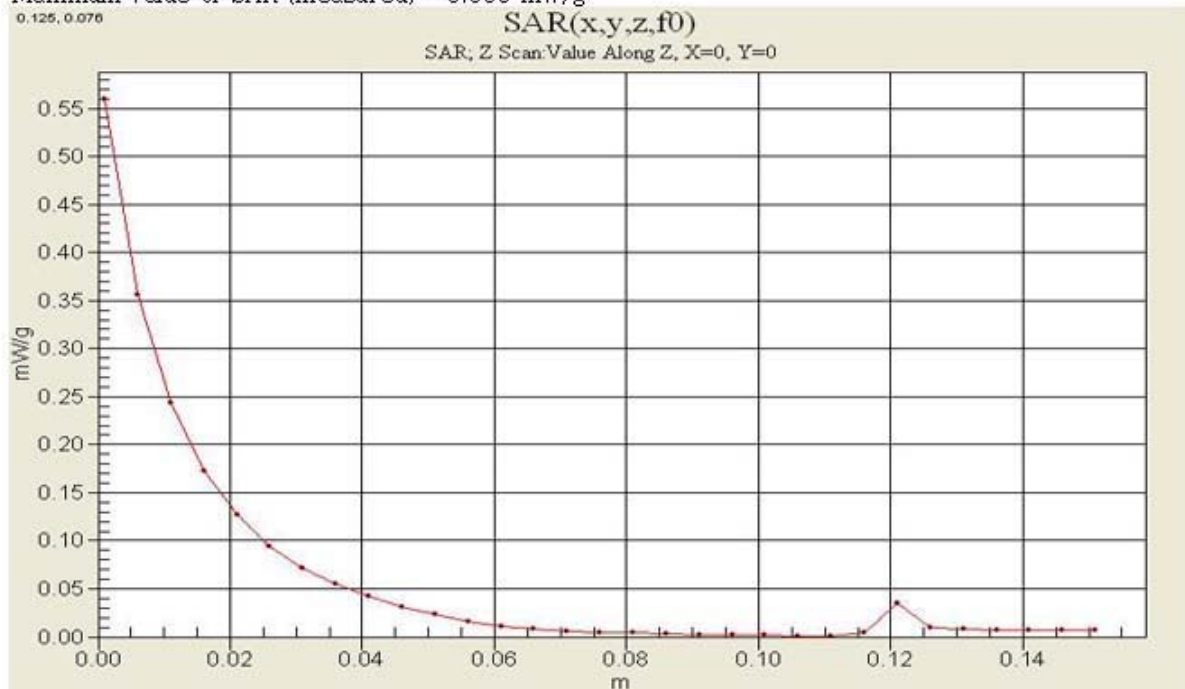
**DUT: SP-770; Type: Folder; Serial: #1**

Communication System: GSM 850; Frequency: 849.8 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 850$  MHz;  $\sigma = 0.888$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.85, 6.85, 6.85); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 835/900 MHz; Type: SAM

**Left touch 251/Z Scan (1x1x31):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.560 mW/g



Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM850(Body) / Channel : 190  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 1, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

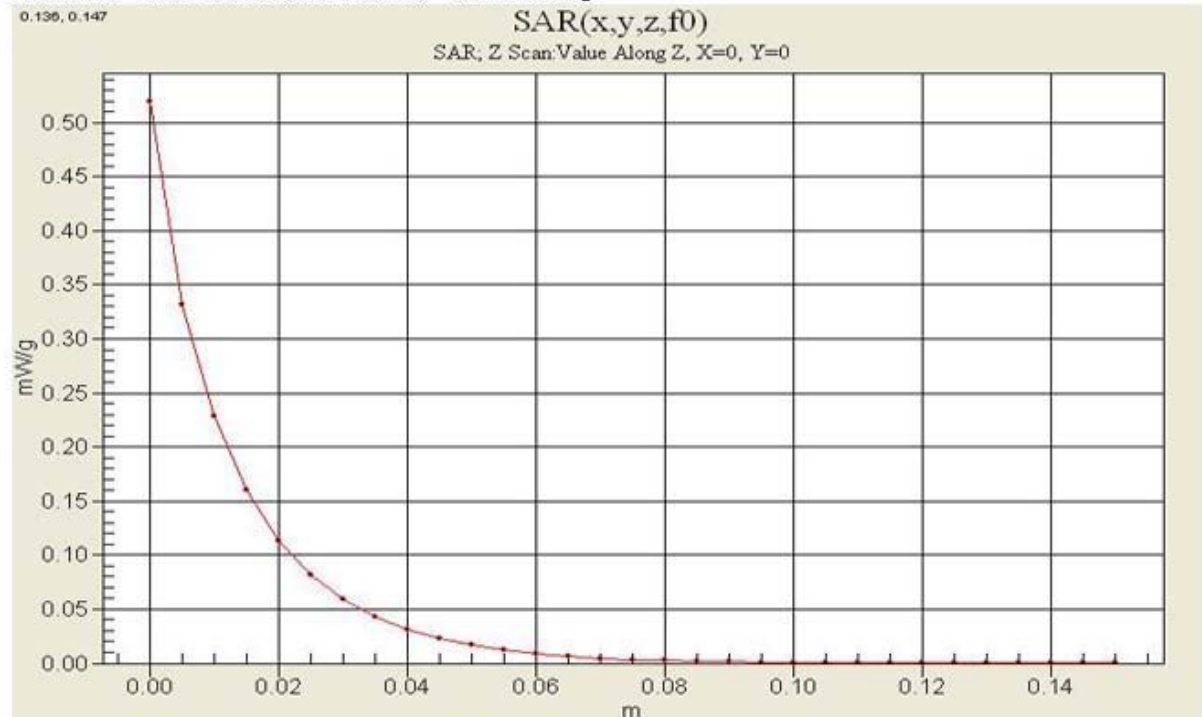
Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 835/900 MHz; Type: SAM

**GSM850 Body 190/Z Scan (1x1x31):** Measurement grid:  $dx=20$ mm,  $dy=20$ mm,  $dz=5$ mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.520 mW/g



Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM1900/ Channel : 661  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 2, 2006

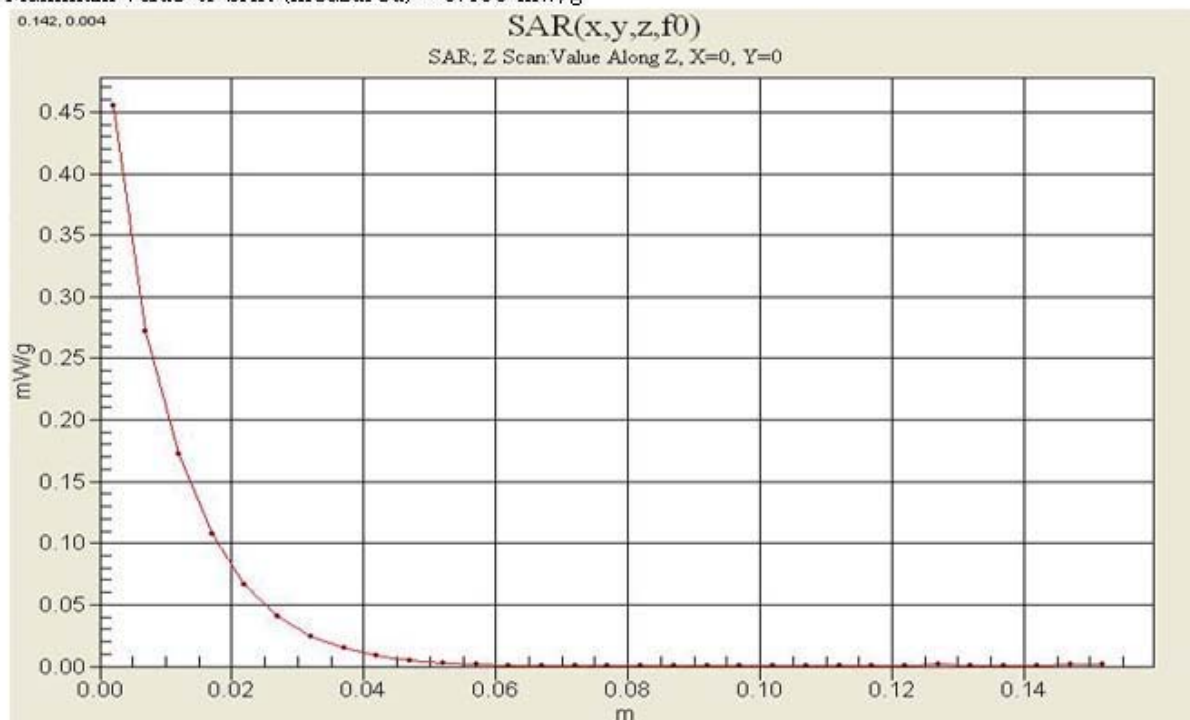
DUT: SP-770; Type: Folder; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 1800/1900 MHz; Type: SAM

Left touch 661/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.455 mW/g



Test Laboratory: HCT

Company : SKYSPRING & VITELCOM Inc.  
Mode : GSM1900(Body)/ Channel : 661  
Liquid Temperature : 21.6 °C / Ambient Temperature : 21.8 °C  
Date Tested : November 2, 2006

**DUT: SP-770 (BODY); Type: Folder; Serial: #1**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23
- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Z Scan (1x1x31):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.347 mW/g

