

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/m³

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

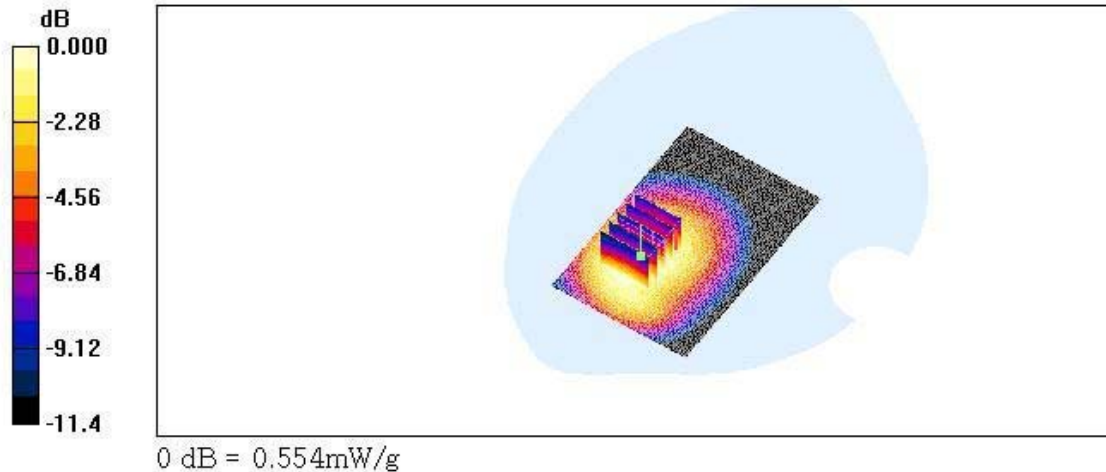
Reference Value = 8.84 V/m; Power Drift = -0.148 dB

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): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³

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) = 0.561 mW/g

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

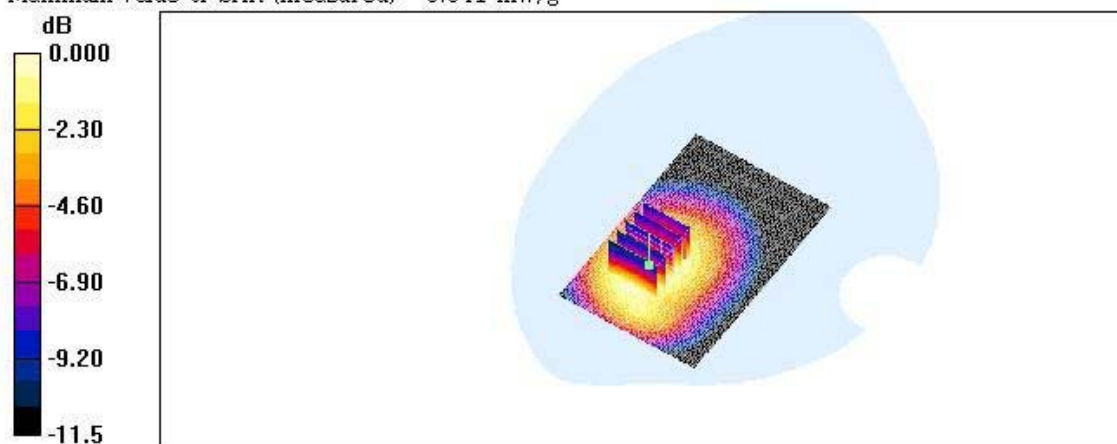
Reference Value = 8.55 V/m; Power Drift = -0.178 dB

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℃ / Ambient Temperature :21.8℃
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): $f = 836.6 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.460 mW/g

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

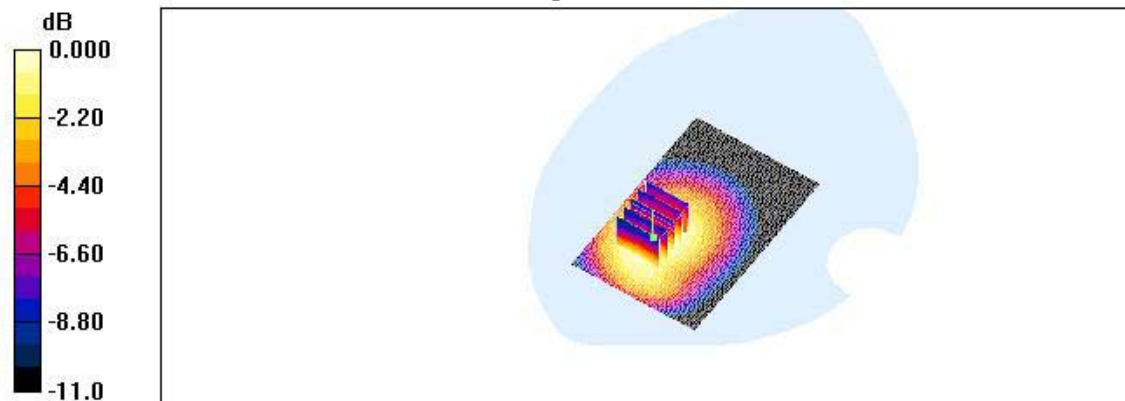
Reference Value = 8.21 V/m; Power Drift = -0.155 dB

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): $f = 836.6 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$
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) = 0.253 mW/g

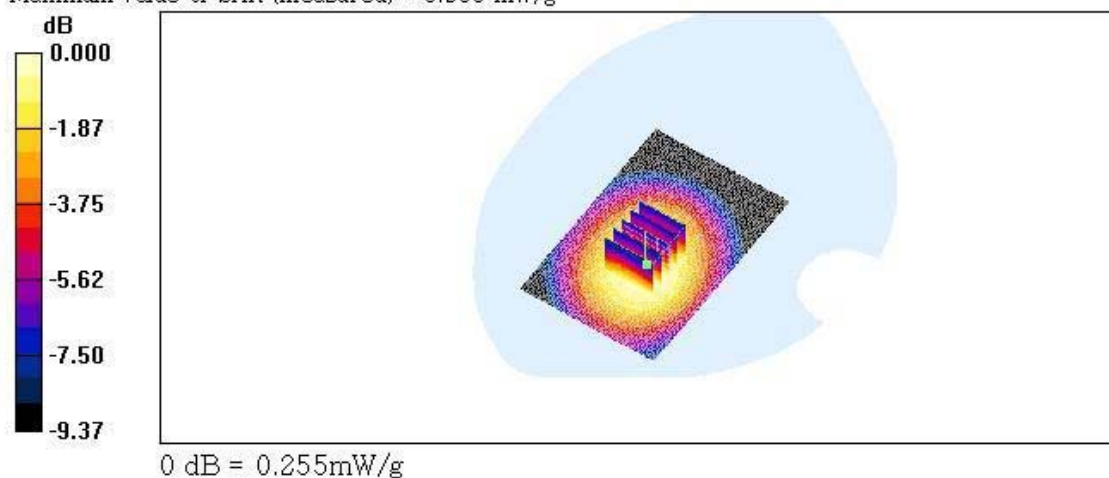
GSM850 Body 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 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



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/m³

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) = 0.398 mW/g

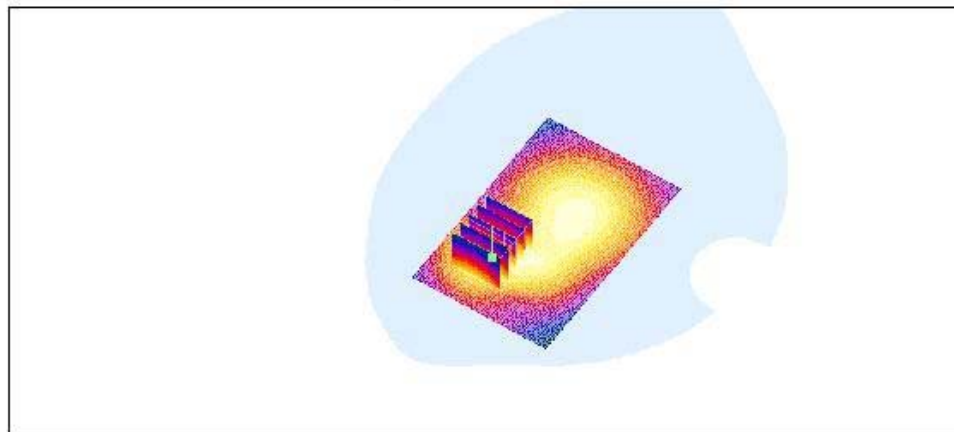
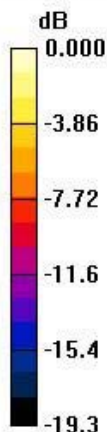
GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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/m³

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

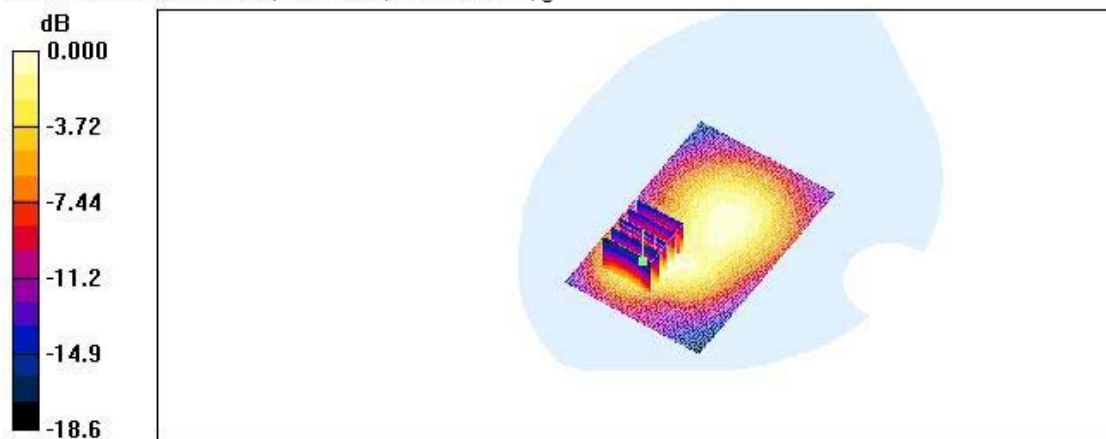
GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $\Delta x = 8$ mm, $\Delta y = 8$ mm, $\Delta z = 5$ mm

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: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

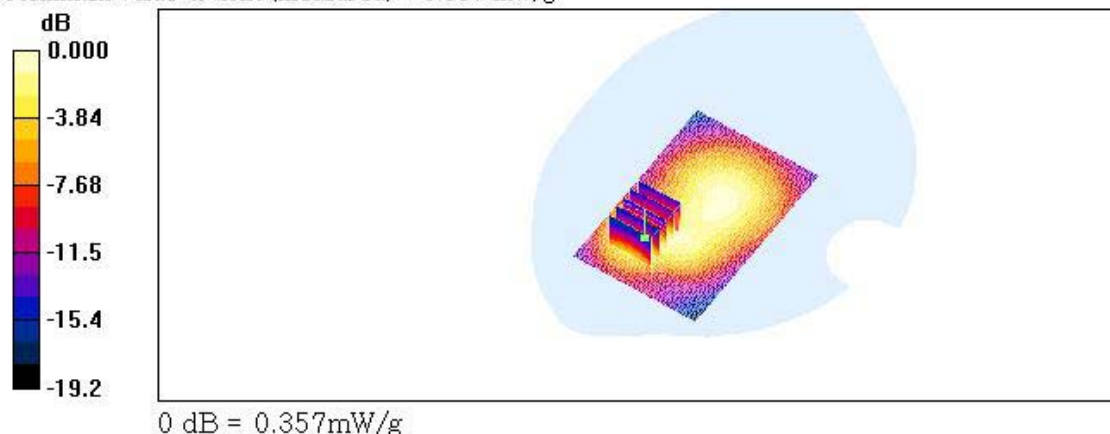
DASY4 Configuration:

- 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.362 mW/g

GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
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

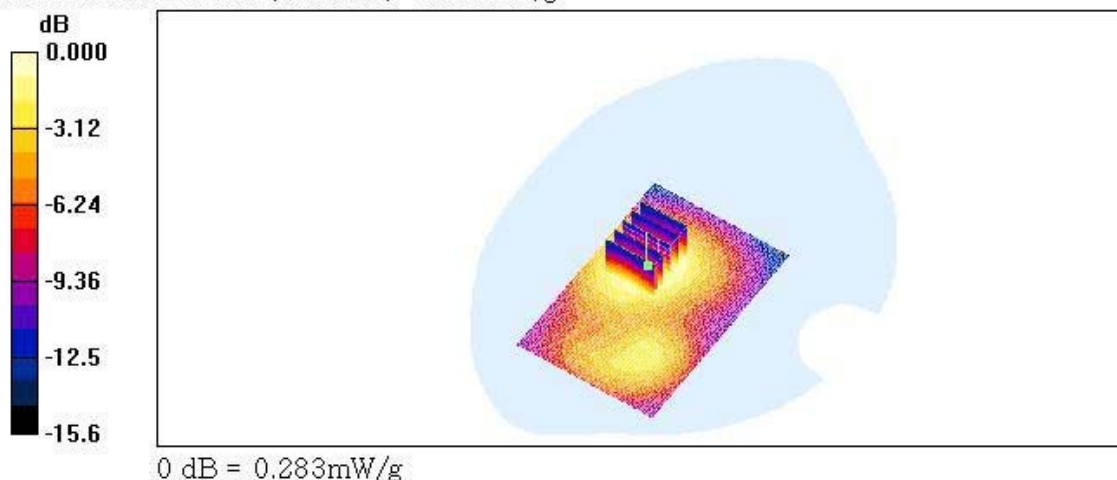
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

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) = 0.274 mW/g

GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
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/m³

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)

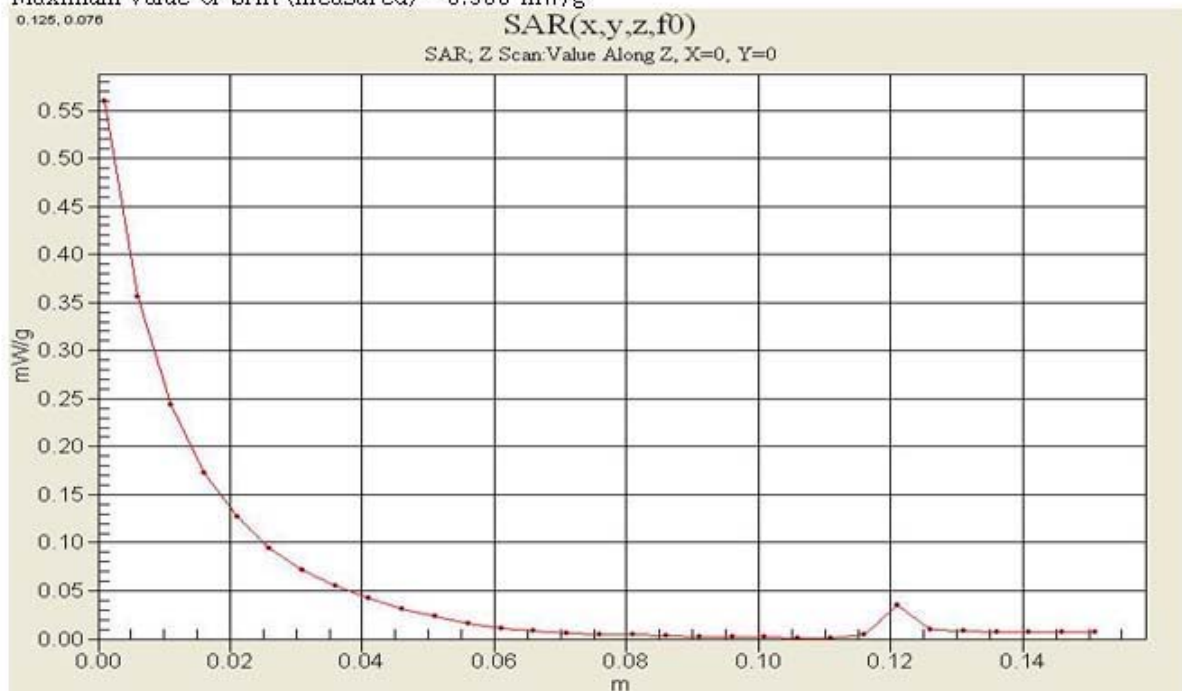
- Electronics: DAE3 Sn479; Calibrated: 2006-02-23

- Phantom: SAM 835/900 MHz; Type: SAM

Left touch 251/Z Scan (1x1x31): Measurement grid: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm

Maximum value of SAR (measured) = 0.560 mW/g

0.125, 0.076



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

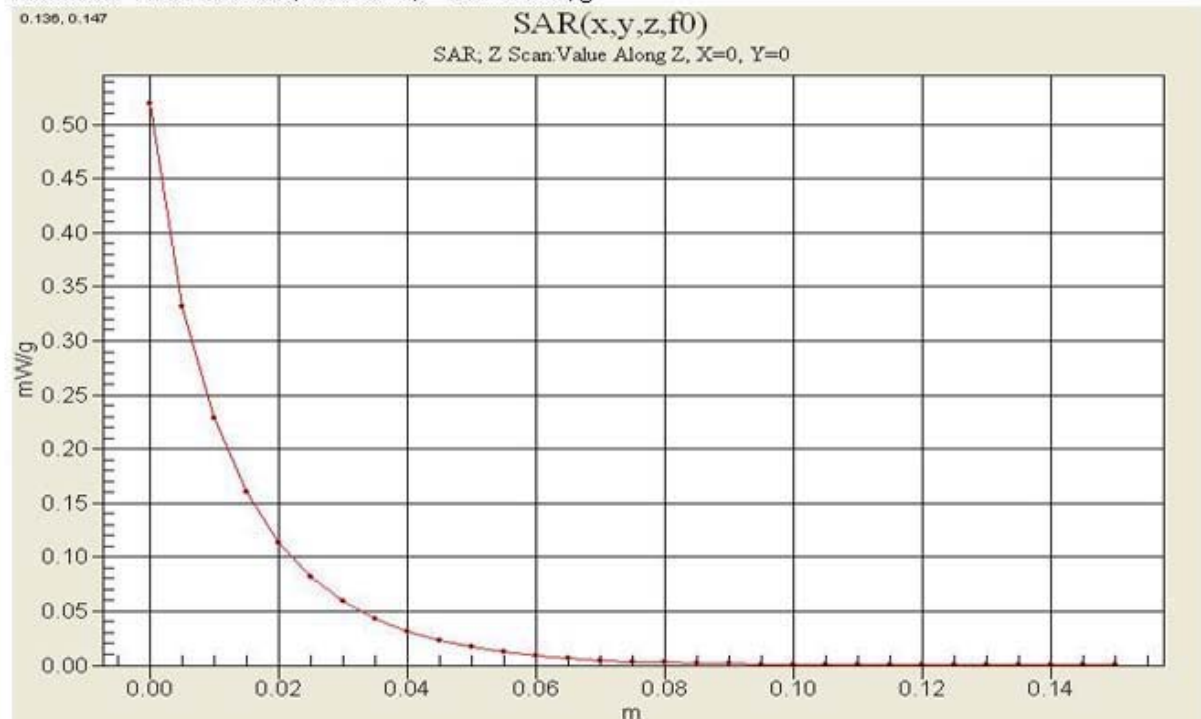
Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

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: $\Delta x = 20$ mm, $\Delta y = 20$ mm, $\Delta z = 5$ 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/m³

Phantom section: Left Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

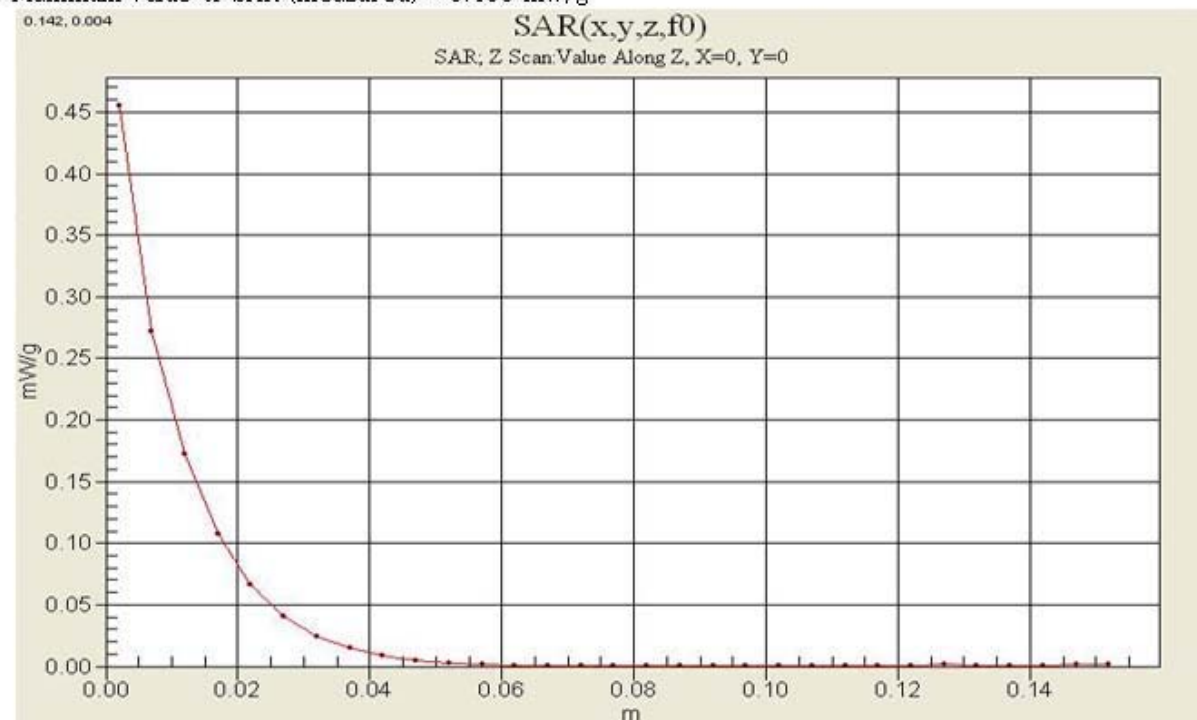
- Probe: ET3DV6 - SN1609; ConvF(5.16, 5.16, 5.16); Calibrated: 2006-03-23

- 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: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm
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/m³
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: $dx=20$ mm, $dy=20$ mm, $dz=5$ mm
Maximum value of SAR (measured) = 0.347 mW/g

