

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

Test Laboratory: HCT

Company : Latte Communications, Inc.

Mode : GSM850(Body) / Channel : 190 / Antenna : in

Liquid Temperature : 21.7 °C

Ambient Temperature: 22.0

Date Tested : September 09, 2006

**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  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: DAE4 Sn447; Calibrated: 2005-11-30

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

**GSM850 Body 190/Area Scan (51x91x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.237 mW/g

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

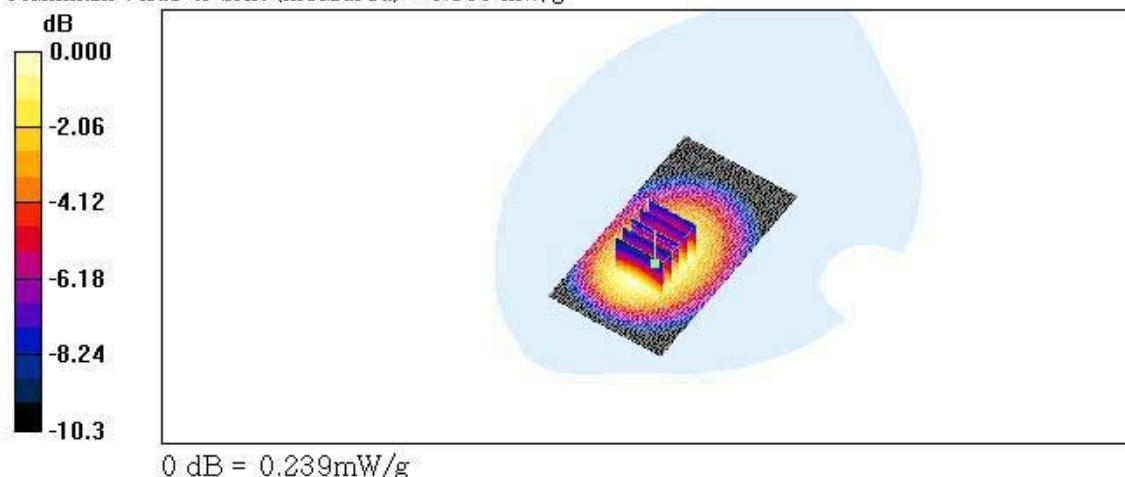
Reference Value = 7.39 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.298 W/kg

**SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.159 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.239 mW/g



Test Laboratory: HCT

Company : Latte Communications, Inc.  
Mode : GSM850(Body) / Channel : 190(Front) / Antenna : in  
Liquid Temperature : 21.7 °C  
Ambient Temperature: 22.0  
Date Tested : September 09, 2006

DUT: Slim 11B; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

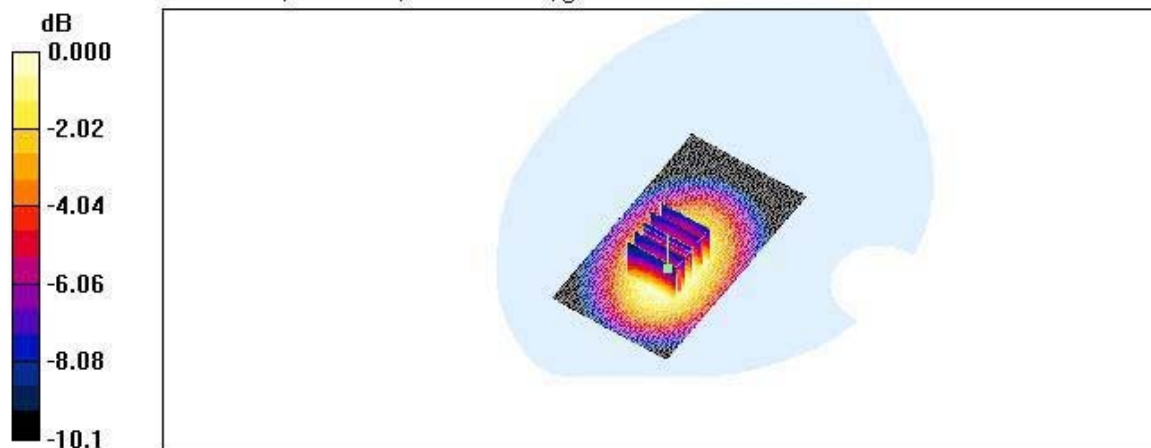
- Probe: ET3DV6 - SN1609; ConvF(6.42, 6.42, 6.42); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 835/900 MHz; Type: SAM

**GSM850 Body 190/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (interpolated) = 0.159 mW/g

**GSM850 Body 190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.02 V/m; Power Drift = -0.027 dB  
Peak SAR (extrapolated) = 0.191 W/kg  
**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.102 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.151 mW/g



0 dB = 0.151mW/g

Test Laboratory: HCT

Company : Latte Communications, Inc.

Mode : GSM850(Body) / Channel : 190(without headset) / Antenna : in

Liquid Temperature : 21.7 °C

Ambient Temperature: 22.0

Date Tested : September 09, 2006

**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  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: DAE4 Sn447; Calibrated: 2005-11-30

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

**GSM850 Body 190/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.223 mW/g

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

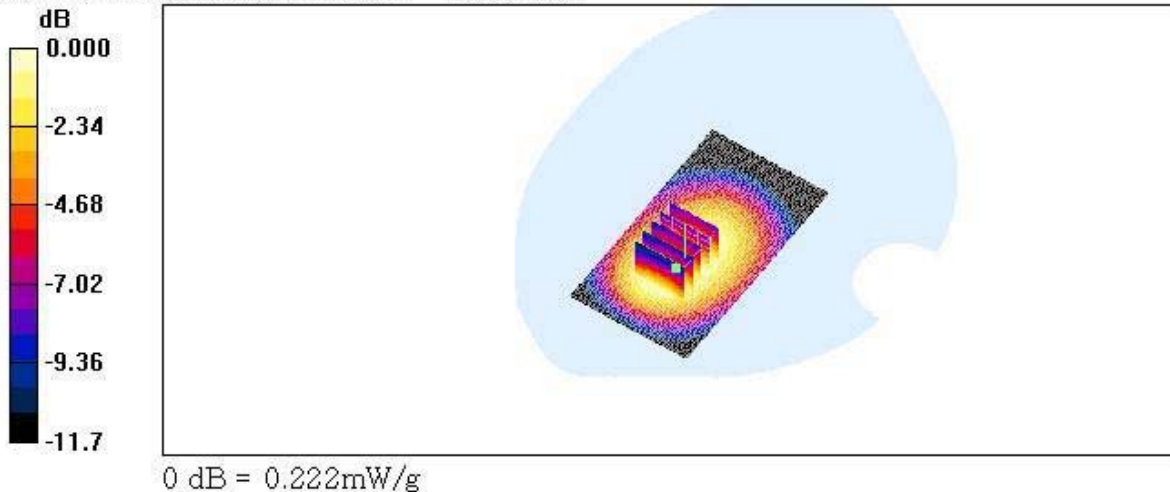
Reference Value = 6.91 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.148 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.222 mW/g





Test Laboratory: HCT

Company : Latte Communications, Inc.

Mode : GSM850(Body) / Channel : 190(GPRS) / Antenna : in

Liquid Temperature : 21.7 °C

Ambient Temperature: 22.0

Date Tested : September 09, 2006

**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  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: DAE4 Sn447; Calibrated: 2005-11-30

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

**GSM850 Body 190/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 0.206 mW/g

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

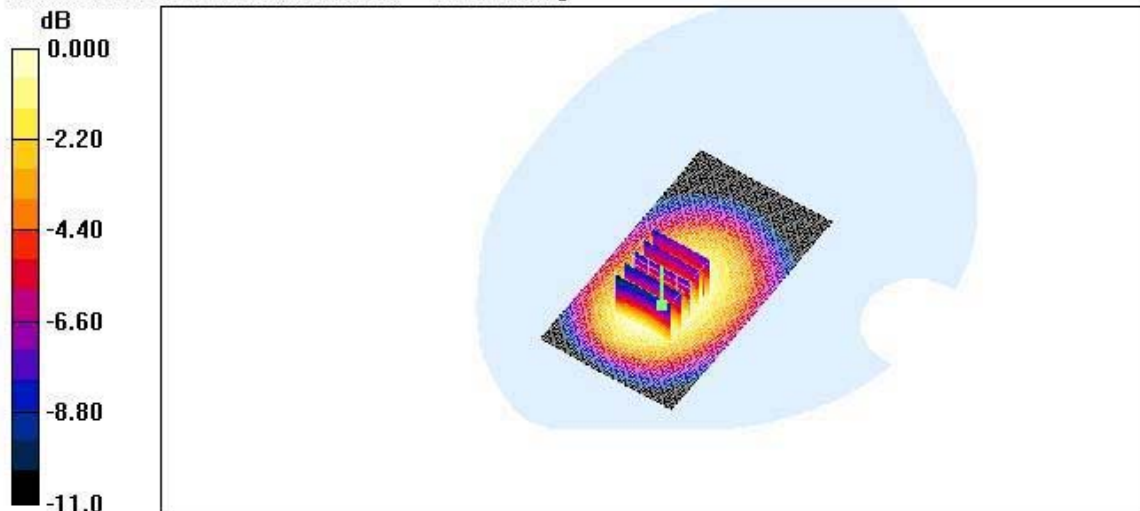
Reference Value = 6.85 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.138 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.202 mW/g



Test Laboratory: HCT

Company : Latte Communications, Inc.

Mode : GSM1900(Body) / Channel : 661 / Antenna : in

Liquid Temperature : 21.7 °C

Ambient Temperature: 22.0

Date Tested : September 09, 2006

**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  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: DAE4 Sn447; Calibrated: 2005-11-30

- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.165 mW/g

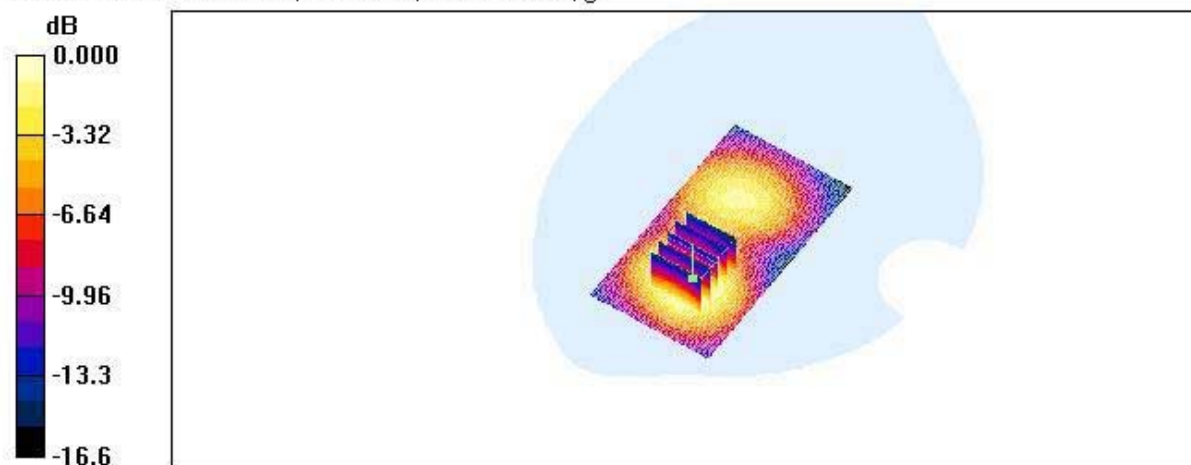
**GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.21 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.085 mW/g**

Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.158mW/g

Test Laboratory: HCT

Company : Latte Communications, Inc.  
Mode : GSM1900 (Body)/ Channel : 661(Front / Antenna : in ,  
Liquid Temperature : 21.7 °C  
Ambient Temperature: 22.0  
Date Tested : September 09, 2006

**DUT: Slim 11B; Type: Bar; Serial: #1**

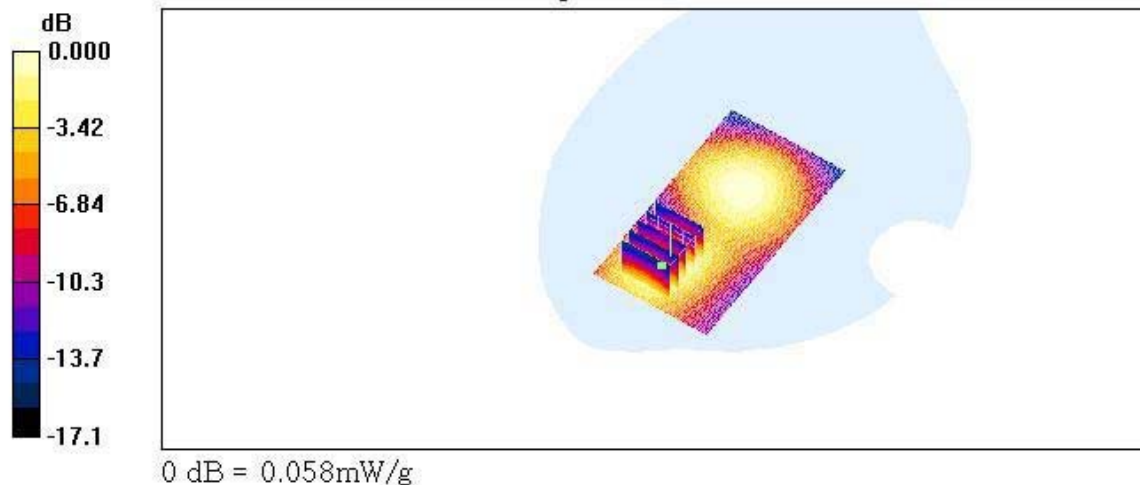
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section , Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (51x91x1):** Measurement grid:  $\Delta x = 15$ mm,  $\Delta y = 15$ mm  
Maximum value of SAR (interpolated) = 0.062 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 = 5.33 V/m; Power Drift = -0.103 dB  
Peak SAR (extrapolated) = 0.088 W/kg  
**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.032 mW/g**  
Maximum value of SAR (measured) = 0.058 mW/g



Test Laboratory: HCT

Company : Latte Communications, Inc.

Mode : GSM1900 (Body)/ Channel : 661(Without headset) / Antenna : in

Liquid Temperature : 21.7 °C

Ambient Temperature: 22.0

Date Tested : September 09, 2006

**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  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: DAE4 Sn447; Calibrated: 2005-11-30

- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.110 mW/g

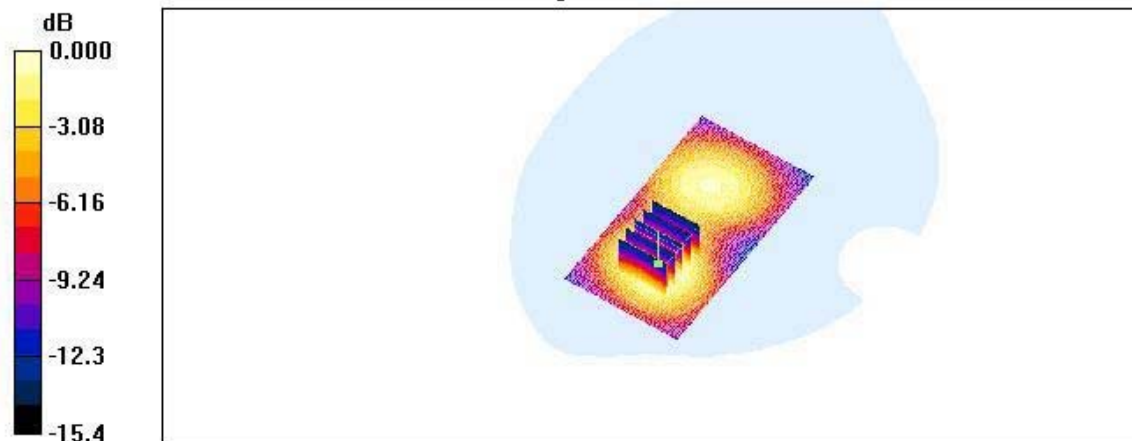
**GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.16 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.158 W/kg

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.105 mW/g



0 dB = 0.105mW/g



Test Laboratory: HCT

Company : Latte Communications, Inc.  
Mode : GSM1900(Body) / Channel : 661(GPRS) / Antenna : in .  
Liquid Temperature : 21.7 °C  
Ambient Temperature: 22.0  
Date Tested : September 09, 2006

DUT: Slim 11B; Type: Bar; Serial: #1

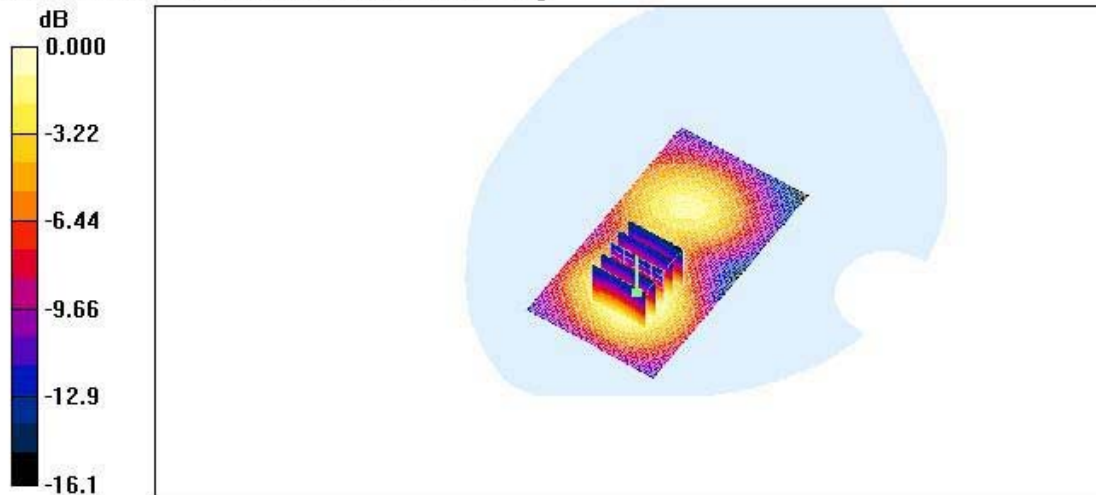
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

- Probe: ET3DV6 - SN1609; ConvF(4.63, 4.63, 4.63); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

**GSM1900 Body 661/Area Scan (51x91x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.162 mW/g

**GSM1900 Body 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 7.45 V/m; Power Drift = -0.248 dB  
Peak SAR (extrapolated) = 0.225 W/kg  
**SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.083 mW/g**  
Maximum value of SAR (measured) = 0.153 mW/g



0 dB = 0.153mW/g

Test Laboratory: HCT

Company : Latte Communications, Inc.  
Mode : GSM850 / Channel : 251 / Antenna : in  
Liquid Temperature : 21.7°C  
Ambient Temperature: 22.0  
Date Tested : September 09, 2006

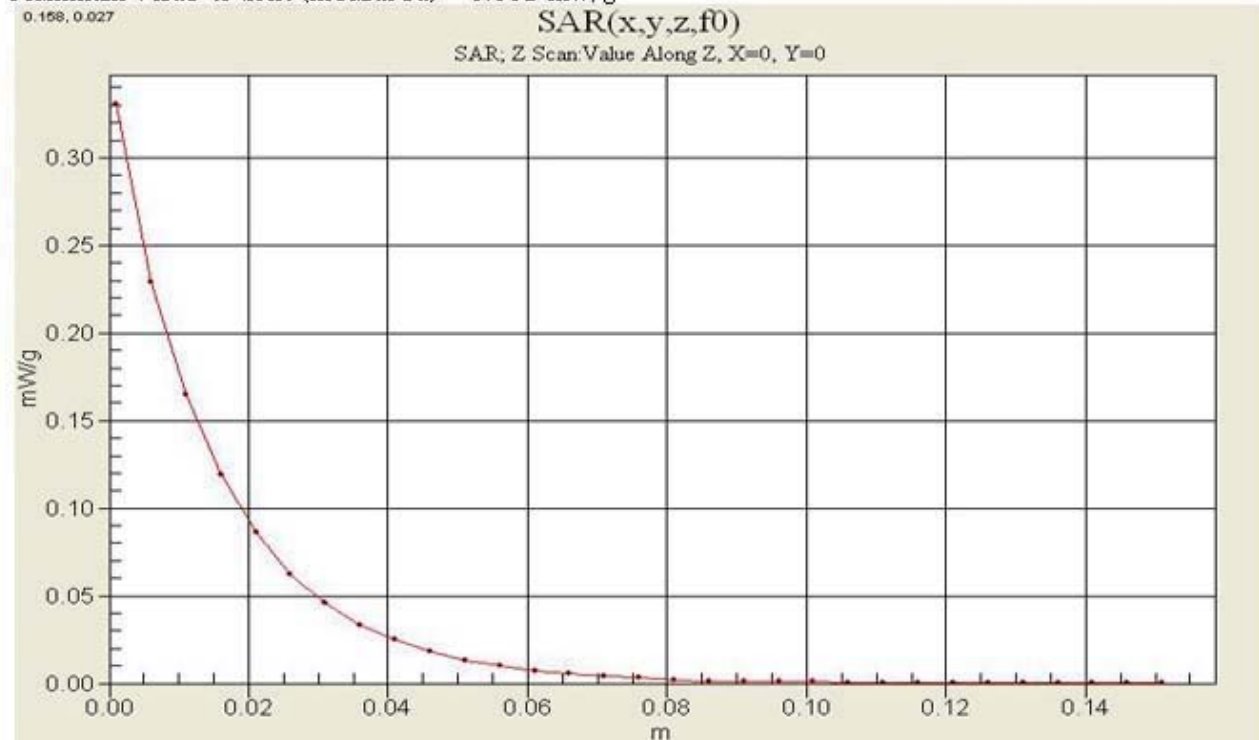
**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 850; Frequency: 849.8 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 850$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 43$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right 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: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 835/900 MHz; Type: SAM

**Right touch 251/Z Scan (1x1x31):** Measurement grid:  $dx=20$ mm,  $dy=20$ mm,  $dz=5$ mm  
Maximum value of SAR (measured) = 0.331 mW/g



Test Laboratory: HCT

Company : Latte Communications, Inc.  
Mode : GSM850(Body) / Channel : 190 / Antenna : in  
Liquid Temperature : 21.7 °C  
Ambient Temperature: 22.0  
Date Tested : September 09, 2006

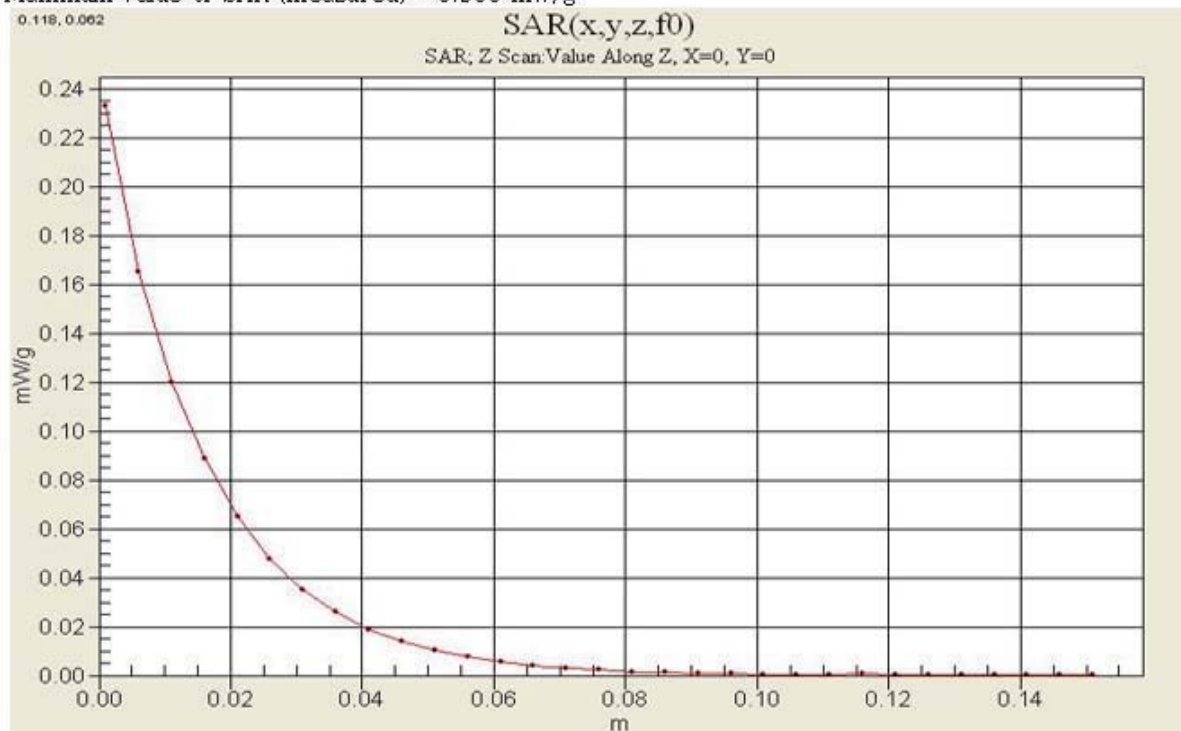
**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  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: DAE4 Sn447; Calibrated: 2005-11-30  
- 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) = 0.233 mW/g



Test Laboratory: HCT

Company : Latte Communications, Inc.  
Mode : GSM1900 / Channel : 512 / Antenna : in .  
Liquid Temperature : 21.7 °C  
Ambient Temperature: 22.0  
Date Tested : September 09, 2006

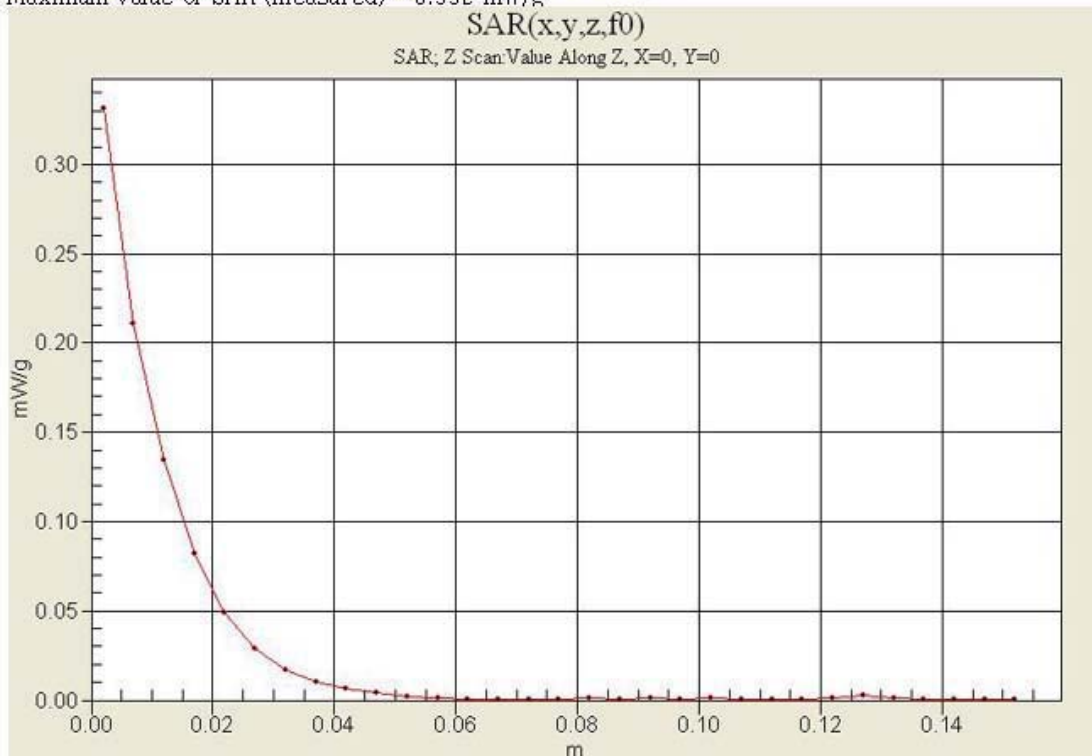
**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium parameters used (interpolated):  $f = 1850.2$  MHz,  $\sigma = 1.42$  mho/m,  $\epsilon_r = 38.7$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right 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: DAE4 Sn447; Calibrated: 2005-11-30  
- Phantom: SAM 1800/1900 MHz; Type: SAM

**Right touch 512/Z Scan (1x1x31):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: Interpolated medium parameters used for SAR evaluation.  
Maximum value of SAR (measured) = 0.332 mW/g





Test Laboratory: HCT

Company : Latte Communications, Inc.  
Mode : GSM1900(Body) / Channel : 661 / Antenna : in.  
Liquid Temperature : 21.7°C  
Ambient Temperature: 22.0  
Date Tested : September 09, 2006

**DUT: Slim 11B; Type: Bar; Serial: #1**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  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: DAE4 Sn447; Calibrated: 2005-11-30
- 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) = 0.147 mW/g

