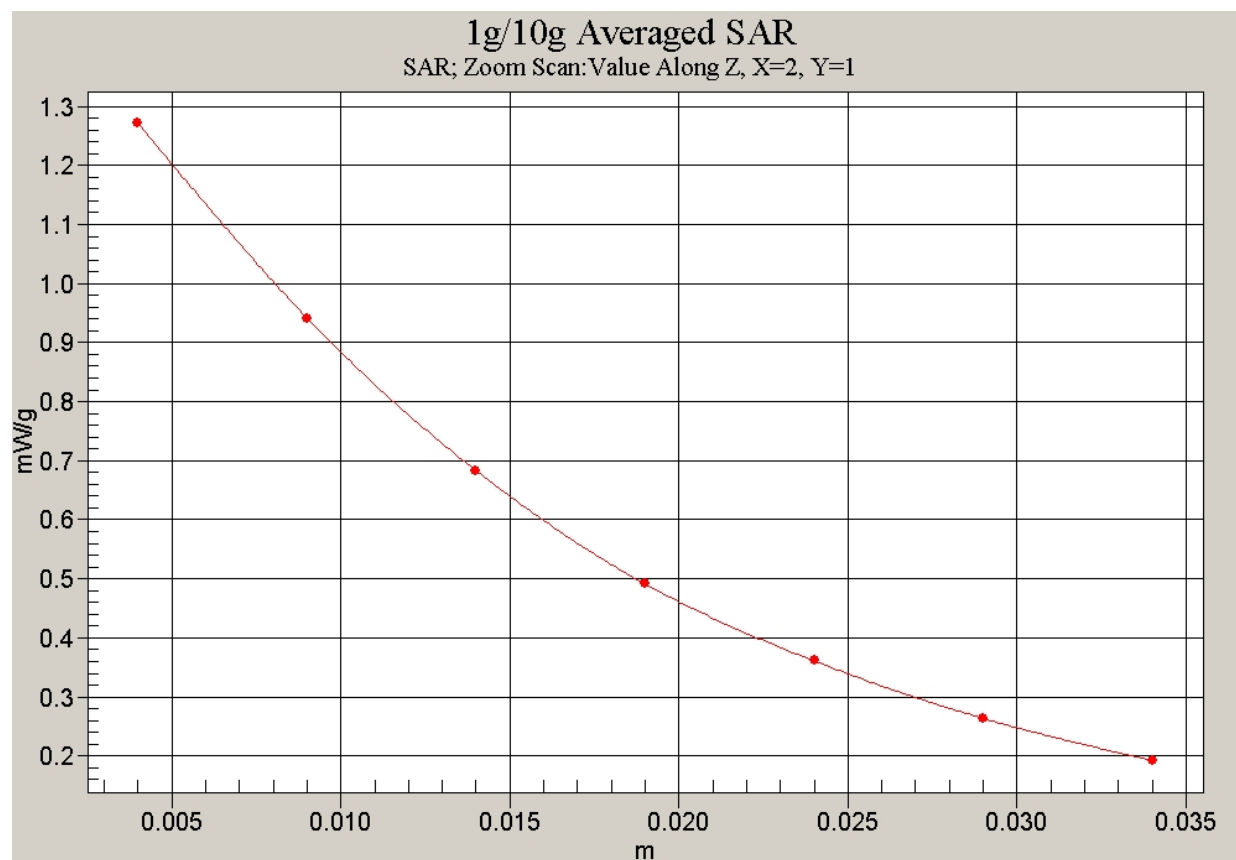




**Fig. 120 Z-Scan at power reference point**  
**(GSM 850MHz, Body, Towards Ground with GPRS, CH128)**

**850 Body Toward Ground Low with EGPRS-slide up**

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

**Toward Ground Low/Area Scan (51x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.493 mW/g

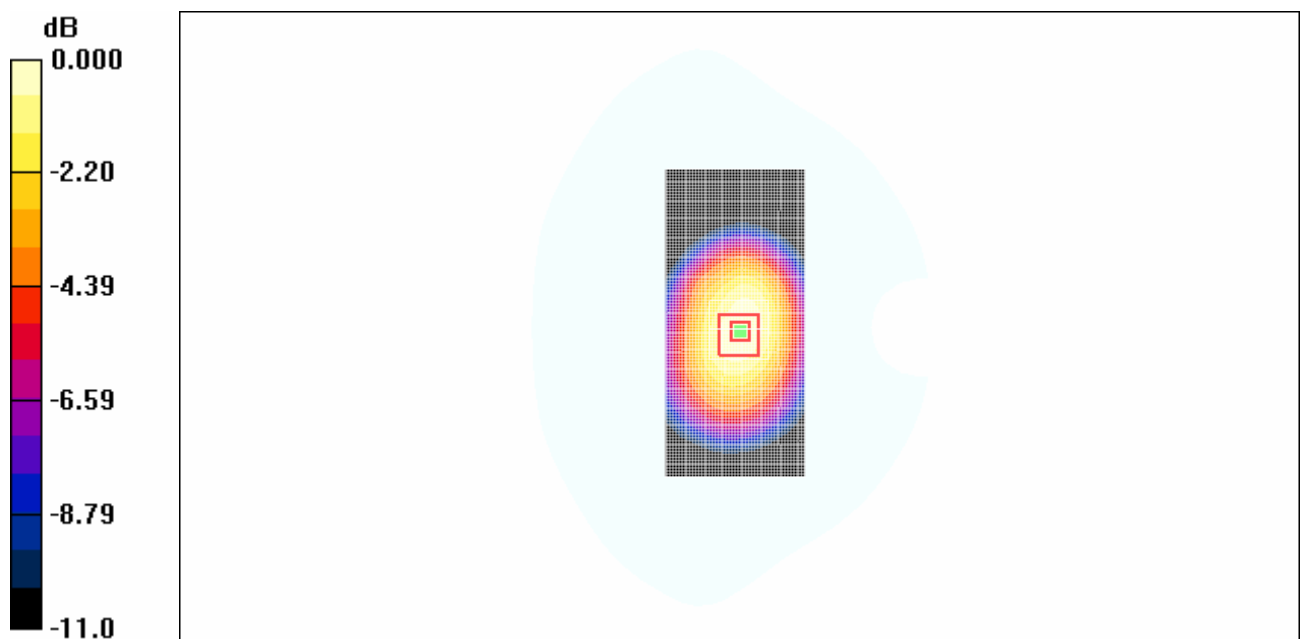
**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.613 W/kg

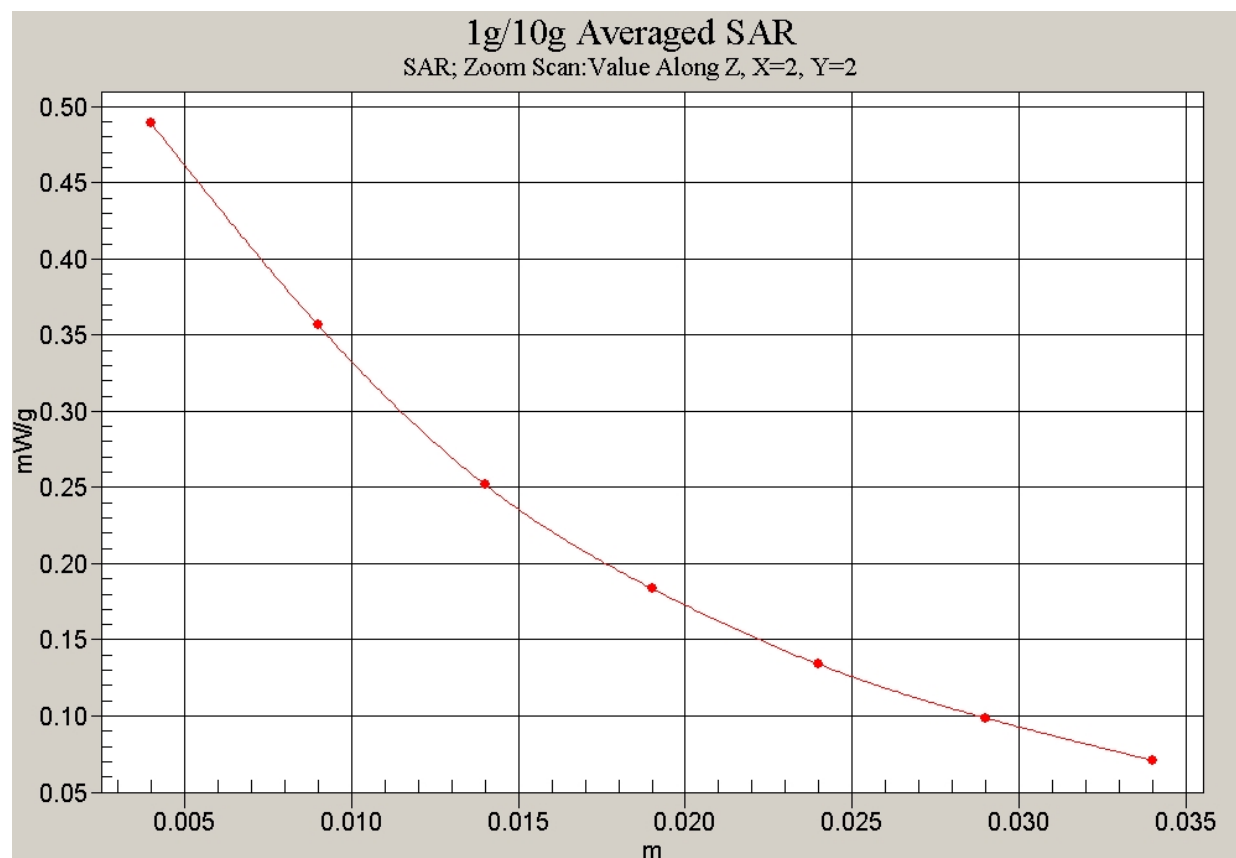
**SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.315 mW/g**

Maximum value of SAR (measured) = 0.486 mW/g



0 dB = 0.486mW/g

**Fig. 121 GSM 850MHz, Body, Towards Ground with EGPRS, CH128**



**Fig. 122 Z-Scan at power reference point**  
**(GSM 850MHz, Body, Towards Ground with EGPRS, CH128)**

**1900 Body Toward Phantom High with GPRS-slide down**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Phantom High/Area Scan (51x91x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.018 mW/g

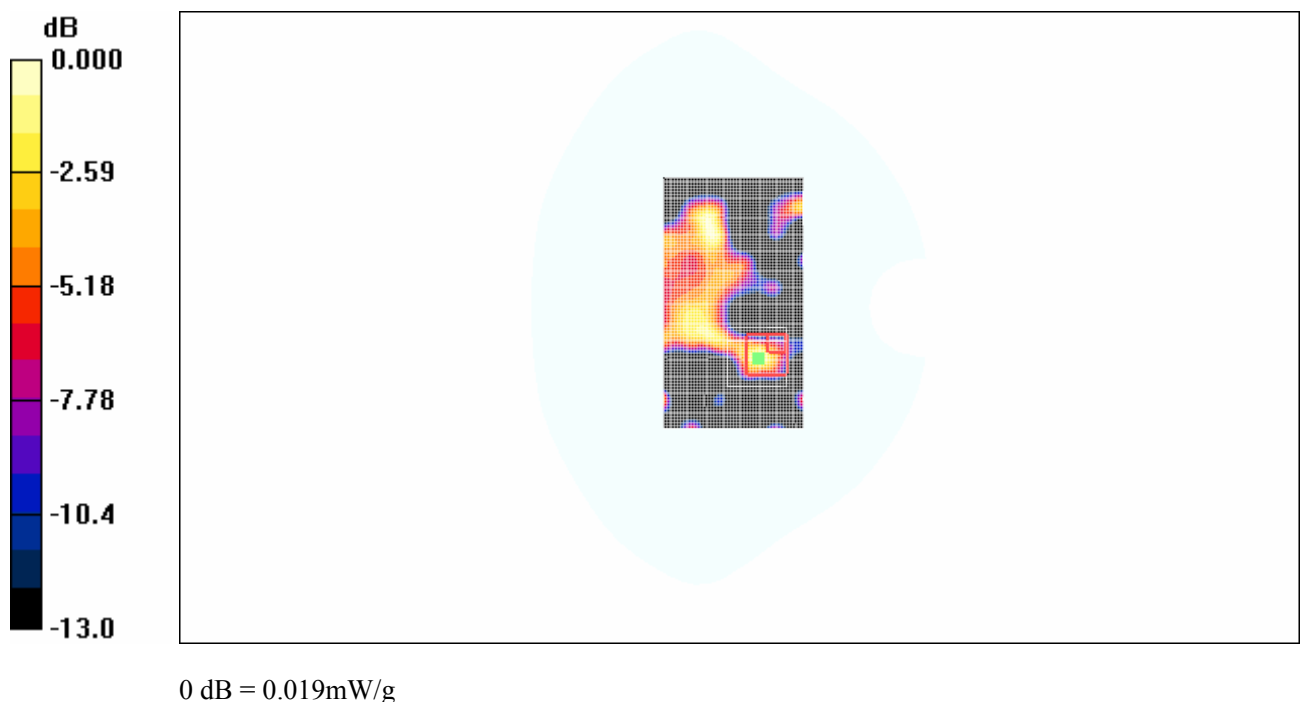
**Toward Phantom High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

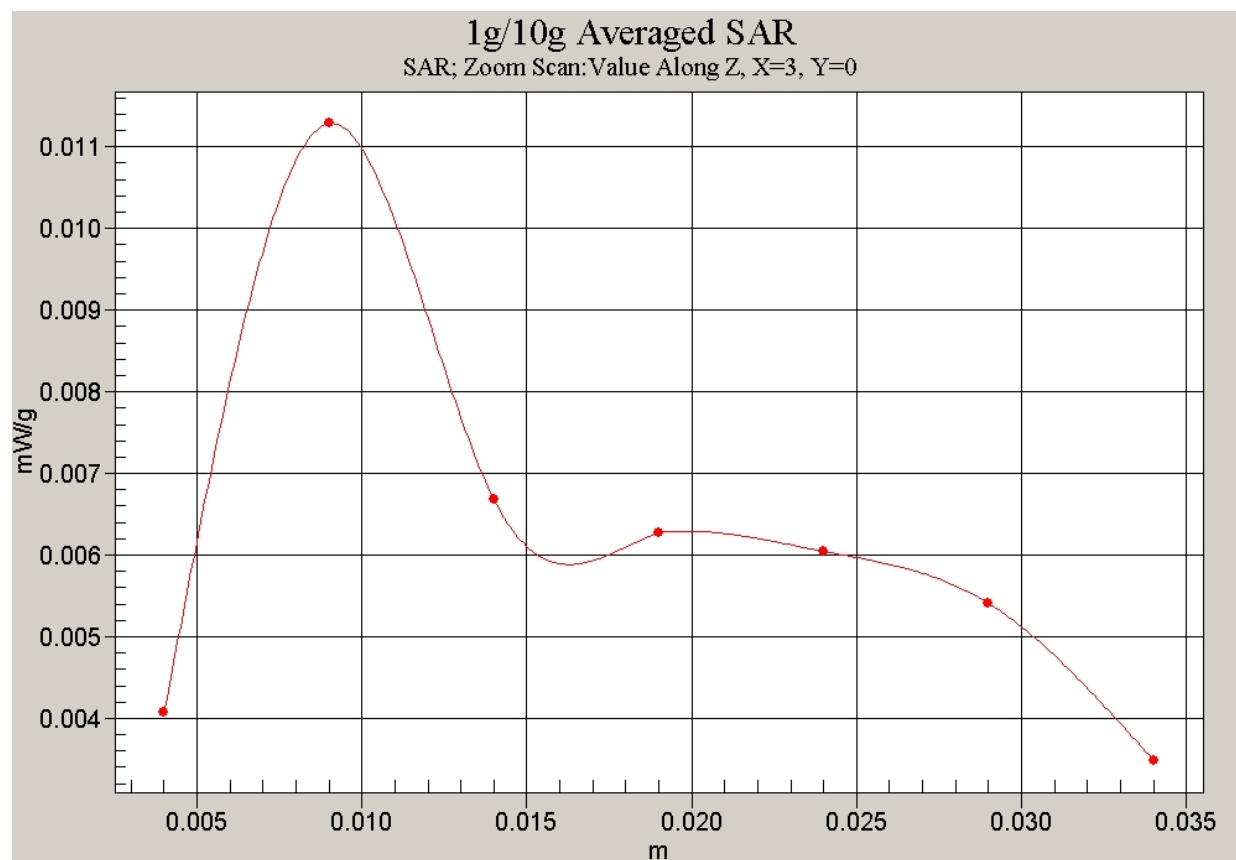
Reference Value = 1.59 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.034 W/kg

**SAR(1 g) = 0.00524 mW/g; SAR(10 g) = 0.00171 mW/g**

Maximum value of SAR (measured) = 0.019 mW/g

**Fig. 123 PCS 1900MHz, Body, Towards Phantom with GPRS, CH810**



**Fig. 124 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Phantom with GPRS, CH810)**

**1900 Body Toward Phantom Middle with GPRS-slide down**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Phantom Middle/Area Scan (51x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.027 mW/g

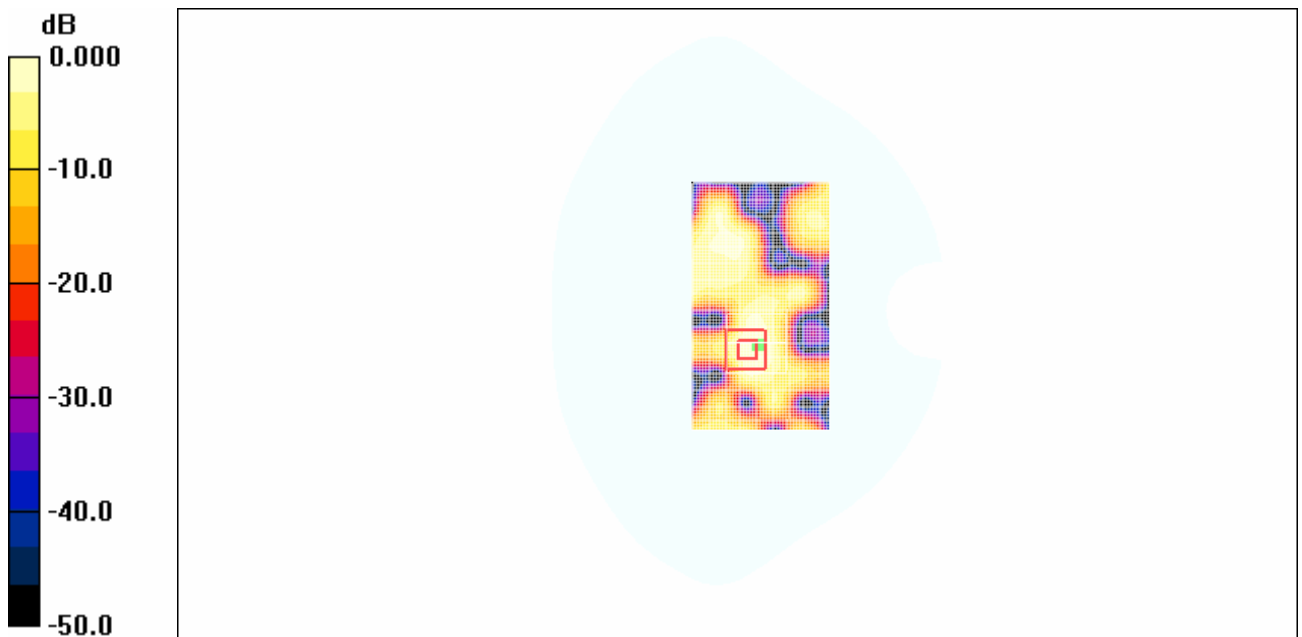
**Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.43 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 0.056 W/kg

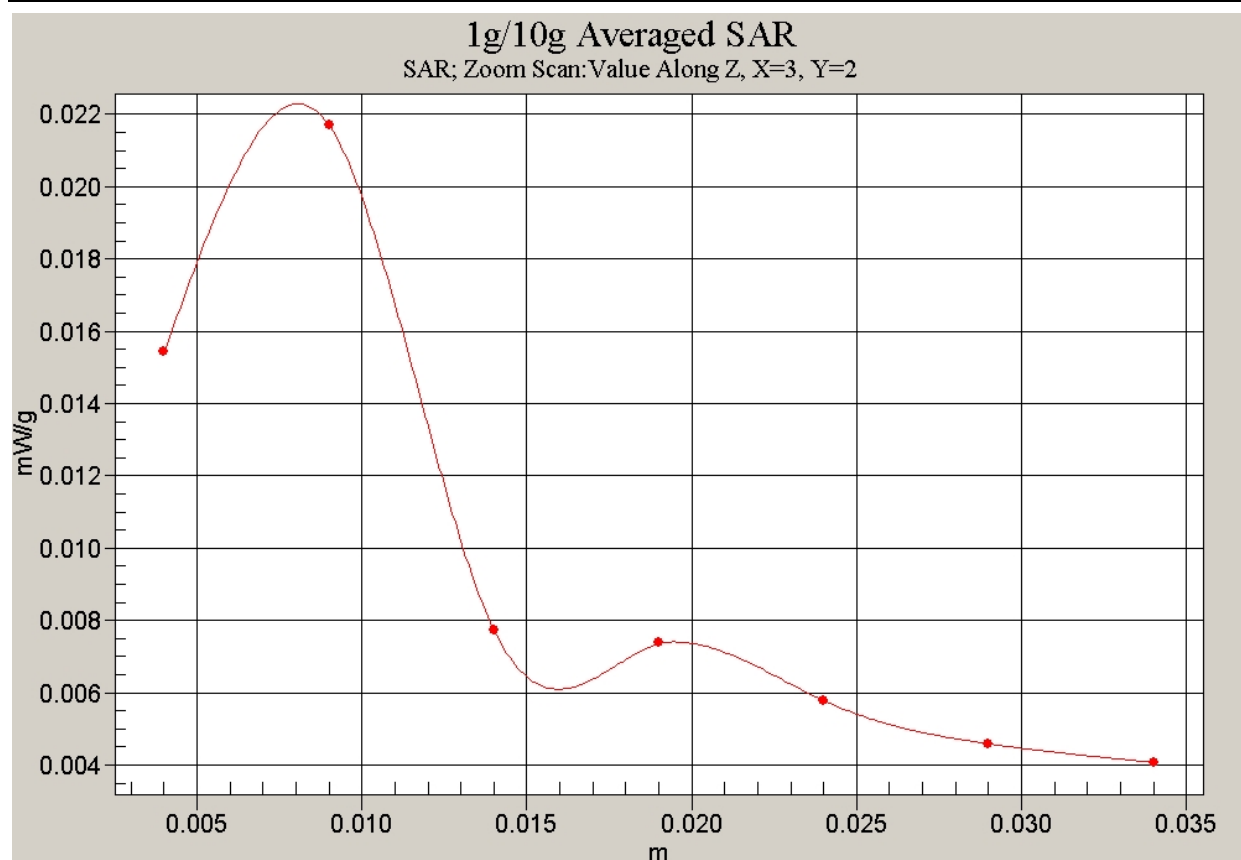
**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00555 mW/g**

Maximum value of SAR (measured) = 0.022 mW/g



0 dB = 0.022mW/g

**Fig. 125 PCS 1900MHz, Body, Towards Phantom with GPRS, CH661**



**Fig. 126 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Phantom with GPRS, CH661)**

**1900 Body Toward Phantom Low with GPRS-slide down**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

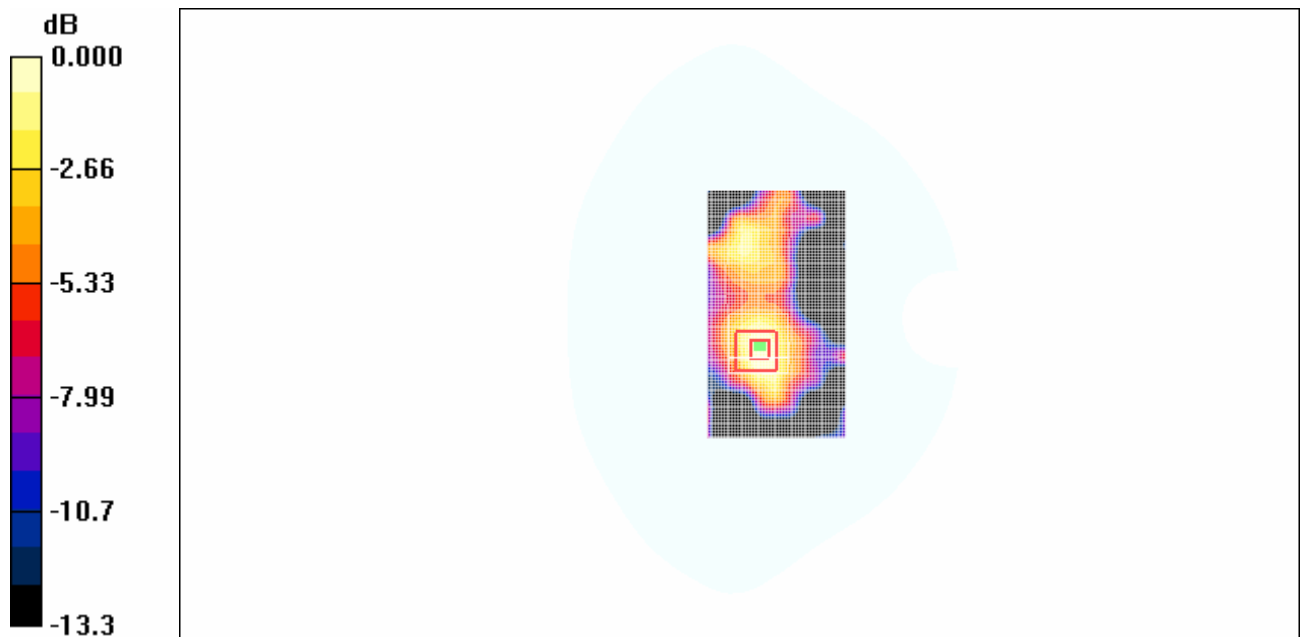
**Toward Phantom Low/Area Scan (51x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.028 mW/g**Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.10 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.031 W/kg

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g**

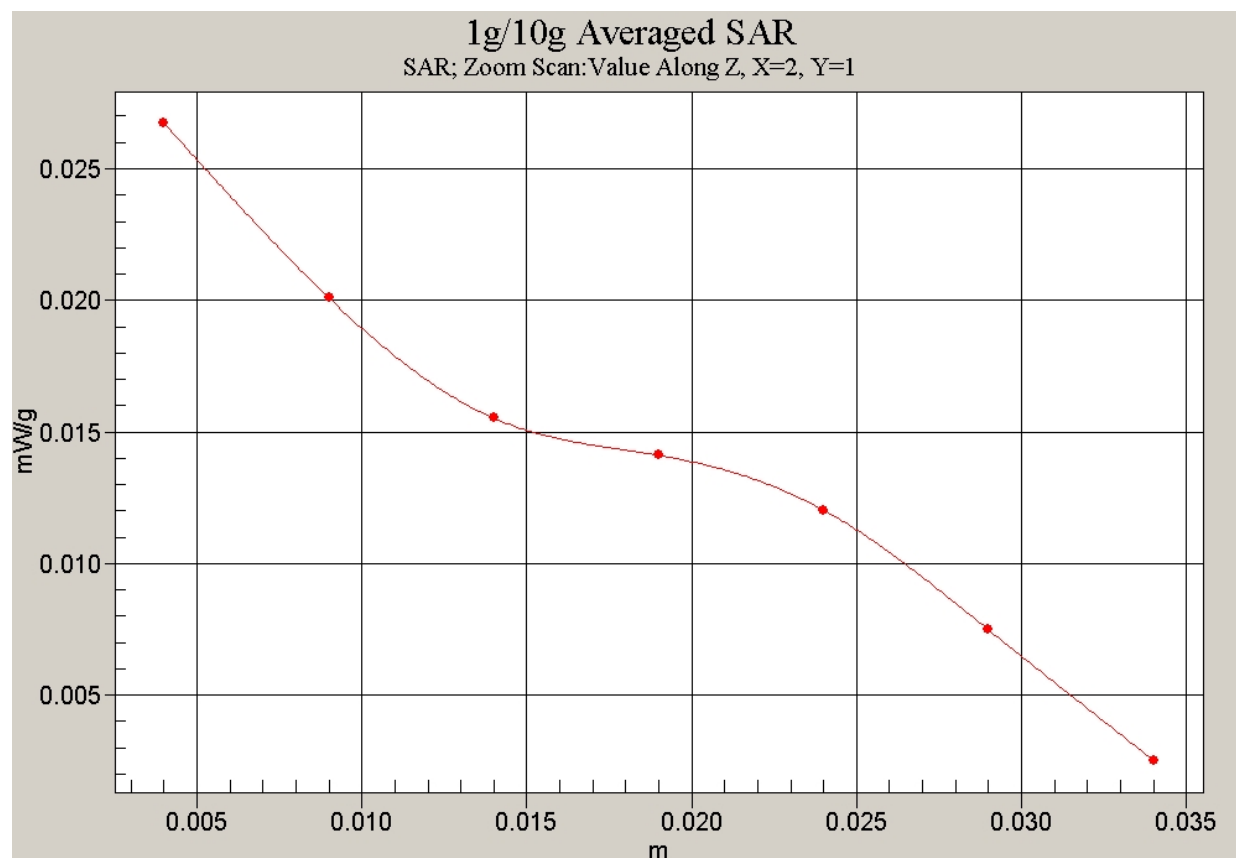
Maximum value of SAR (measured) = 0.027 mW/g



0 dB = 0.027mW/g

**Fig. 127 PCS 1900MHz, Body, Towards Phantom with GPRS, CH512**





**Fig. 128 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Phantom with GPRS, CH512)**

**1900 Body Toward Ground High with GPRS-slide down**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Ground High/Area Scan (51x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.062 mW/g

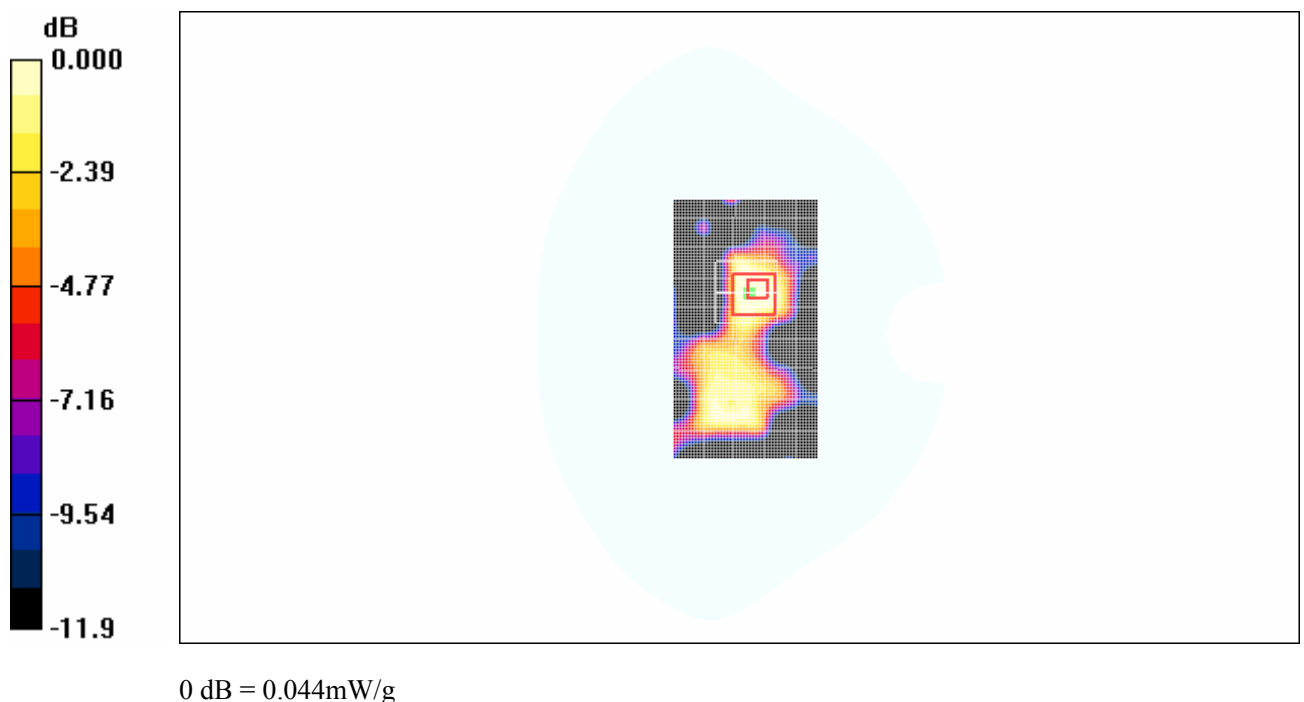
**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

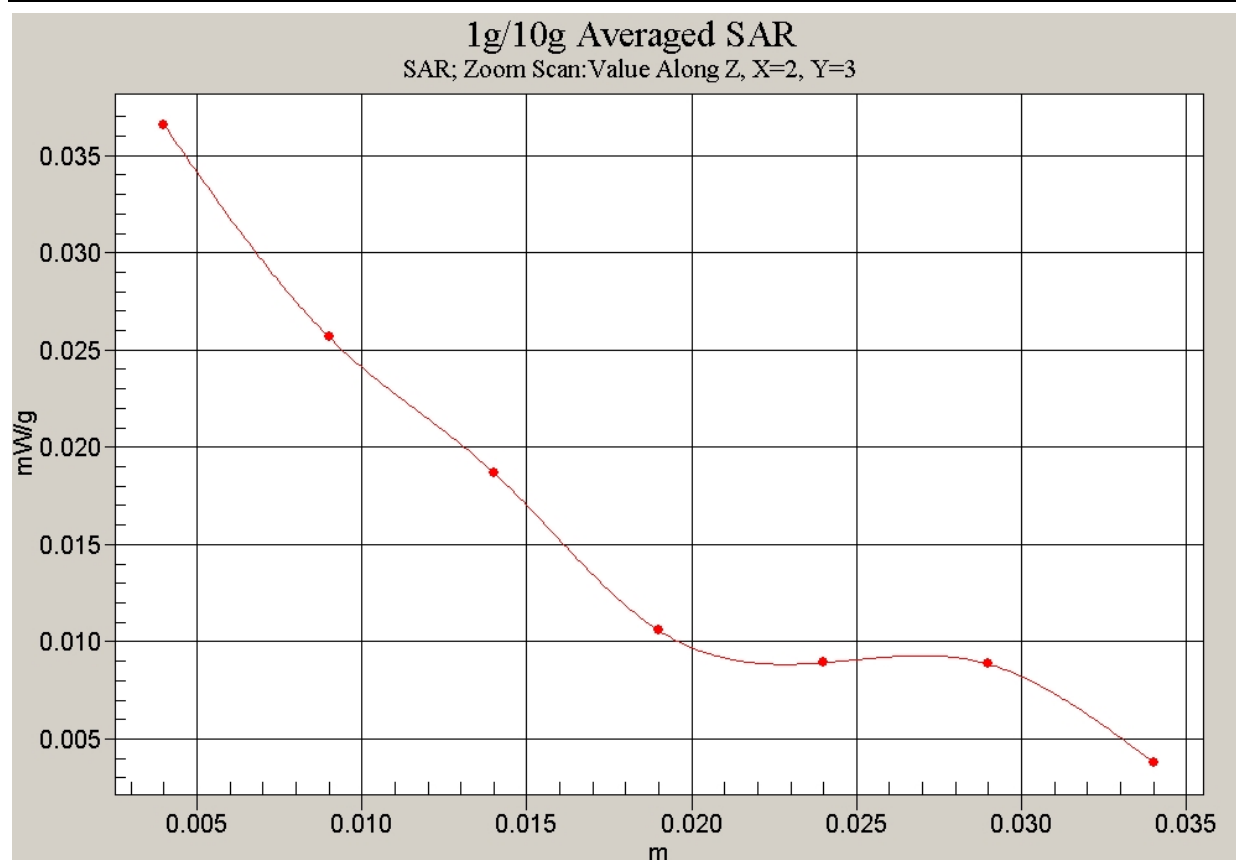
Reference Value = 3.79 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.044 mW/g

**Fig. 129 PCS 1900MHz, Body, Towards Ground with GPRS, CH810**



**Fig. 130 Z-Scan at power reference point  
(PCS 1900MHz, Body Towards Ground with GPRS, CH810)**

**1900 Body Toward Ground Middle with GPRS-slide down**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Ground Middle/Area Scan (51x91x1):** Measurement grid: dx=10mm, dy=10mm

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

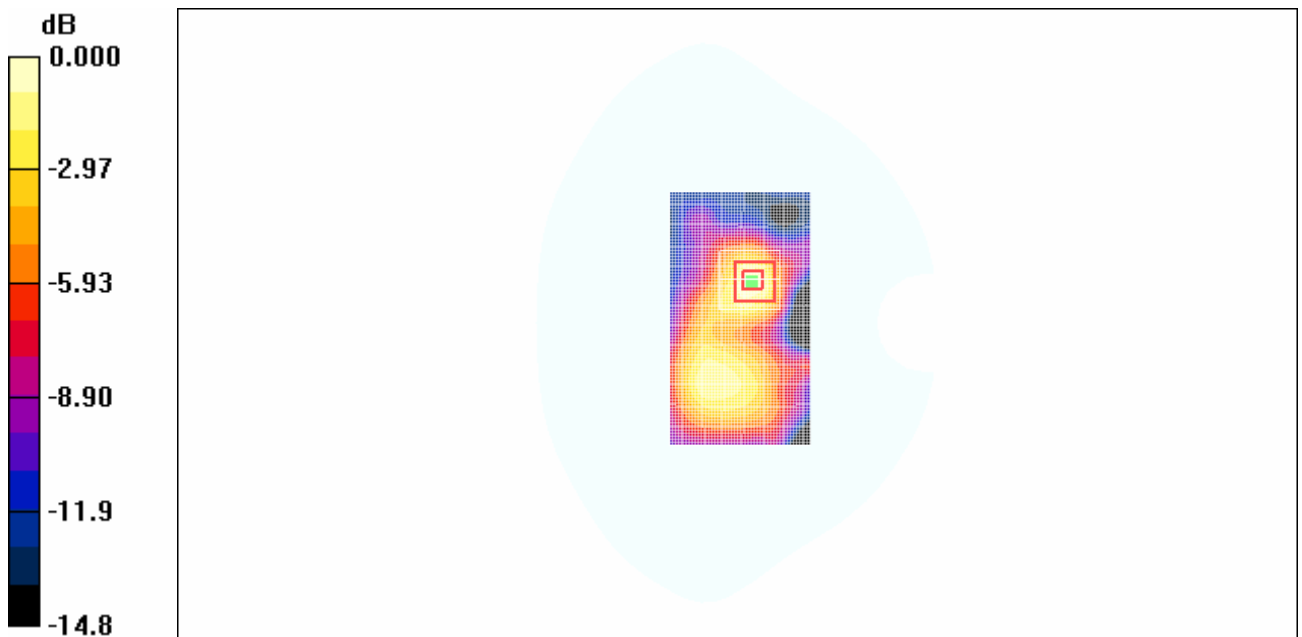
**Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.11 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.078 W/kg

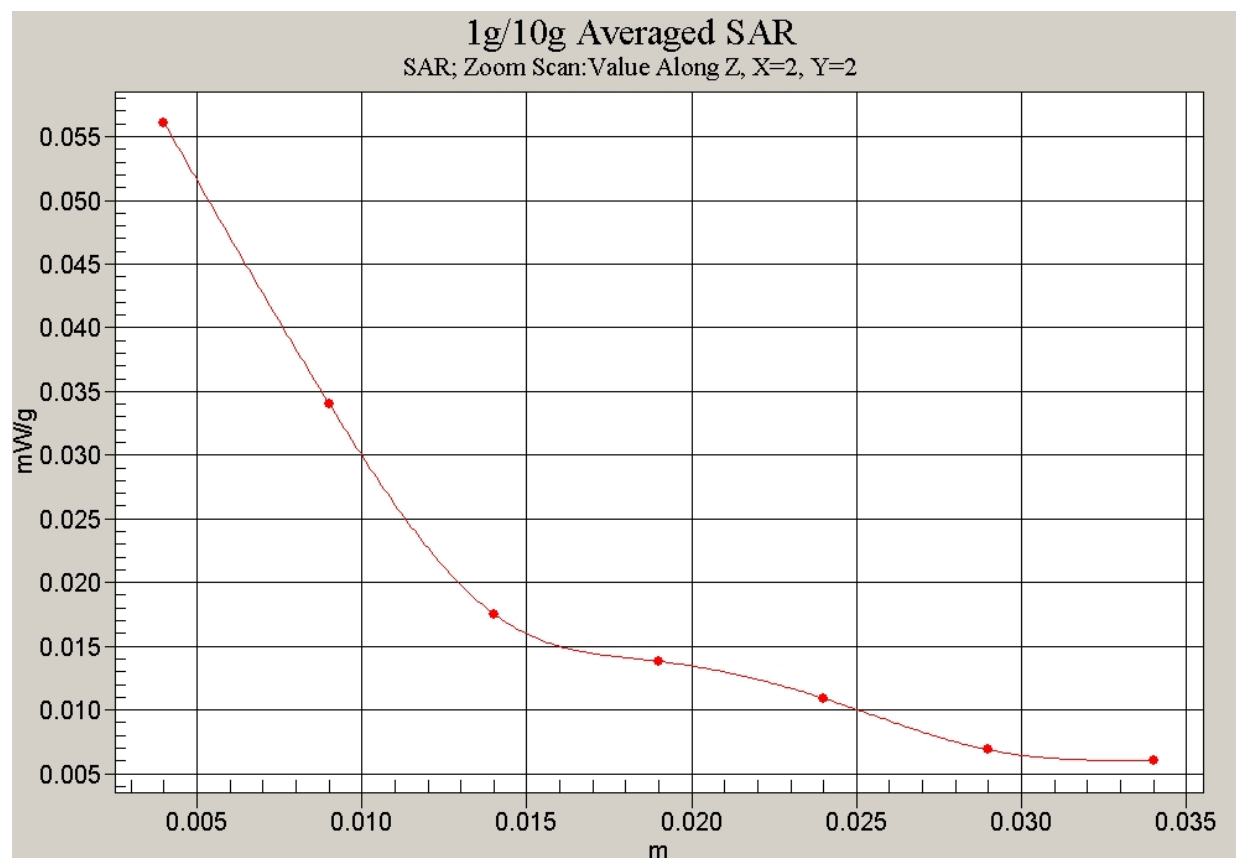
**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.026 mW/g**

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



0 dB = 0.056mW/g

**Fig. 131 PCS 1900MHz, Body, Towards Ground with GPRS, CH661**



**Fig. 132 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Ground with GPRS, CH661)**

**1900 Body Toward Ground Low with GPRS-slide down**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

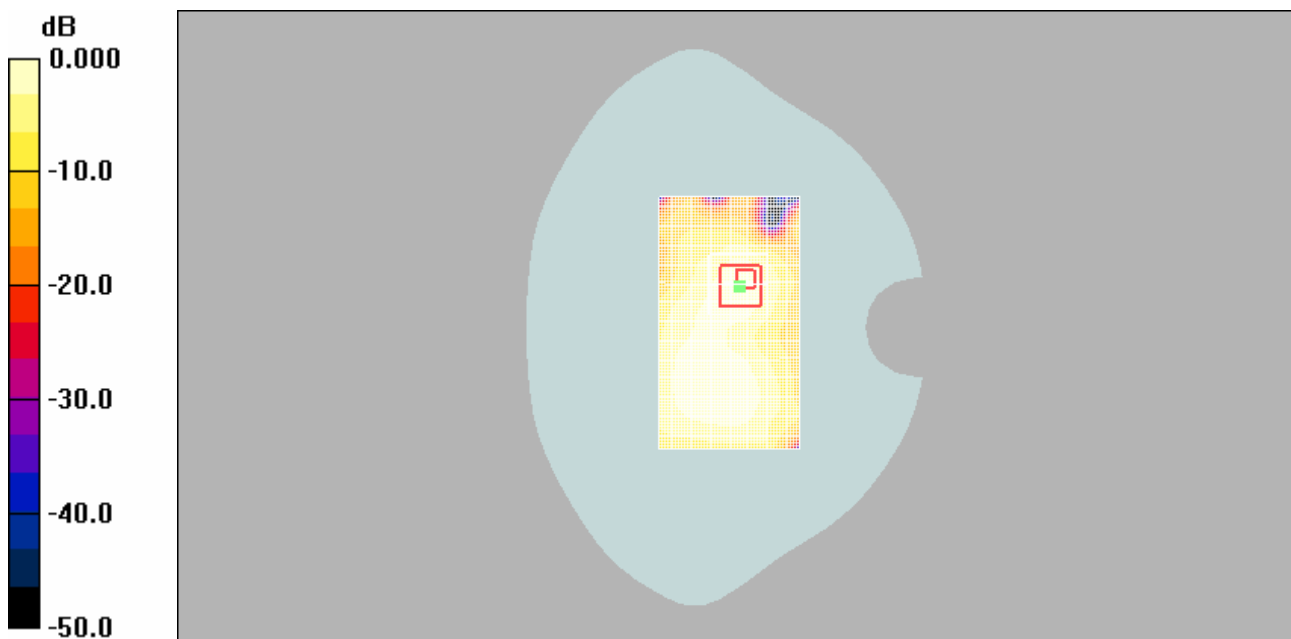
**Toward Ground Low/Area Scan (51x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.072 mW/g**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.87 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.140 W/kg

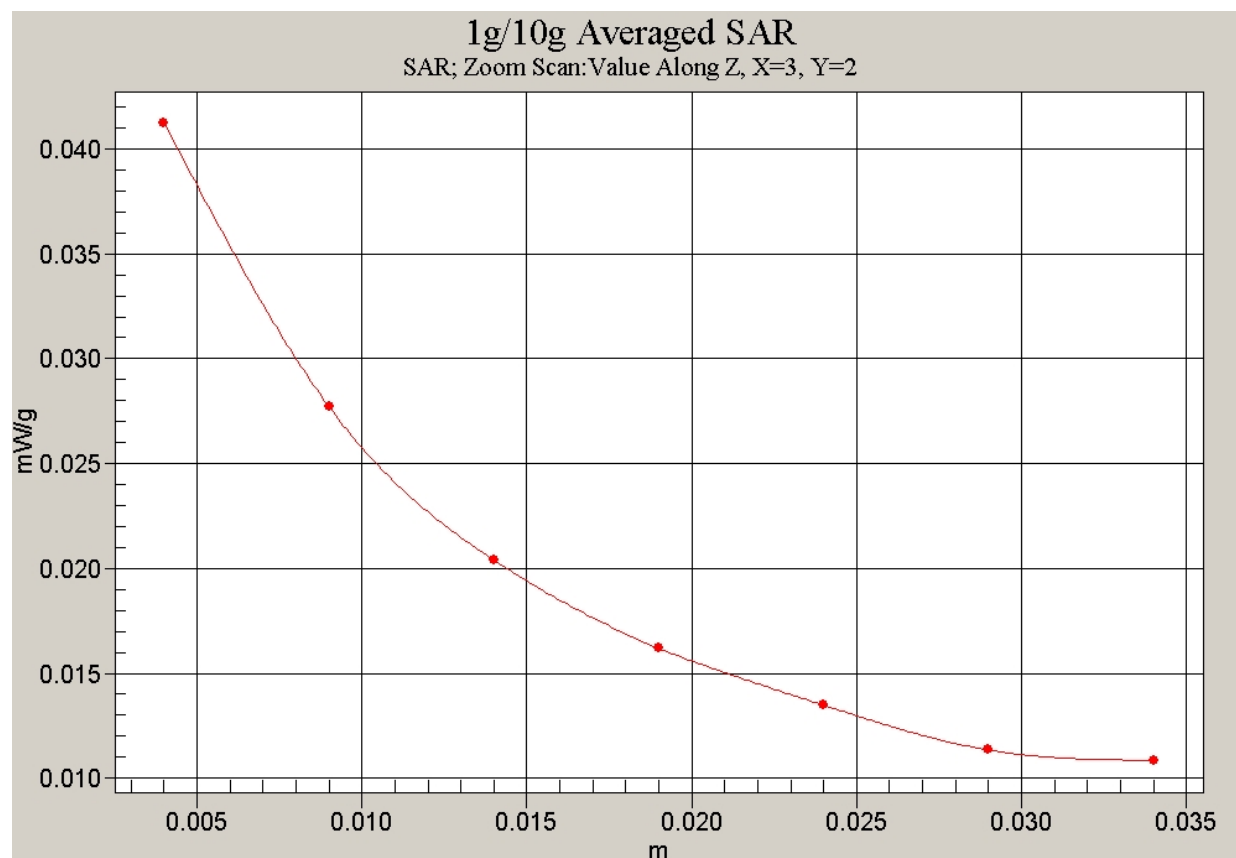
**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.031 mW/g**

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



0 dB = 0.064mW/g

**Fig. 133 PCS 1900MHz, Body, Towards Ground with GPRS, CH512**



**Fig. 134 Z-Scan at power reference point  
(PCS 1900MHz, Body Towards Ground with GPRS, CH512)**

**1900 Body Toward Phantom High with GPRS-slide up**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Phantom High/Area Scan (51x111x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (interpolated) = 0.019 mW/g

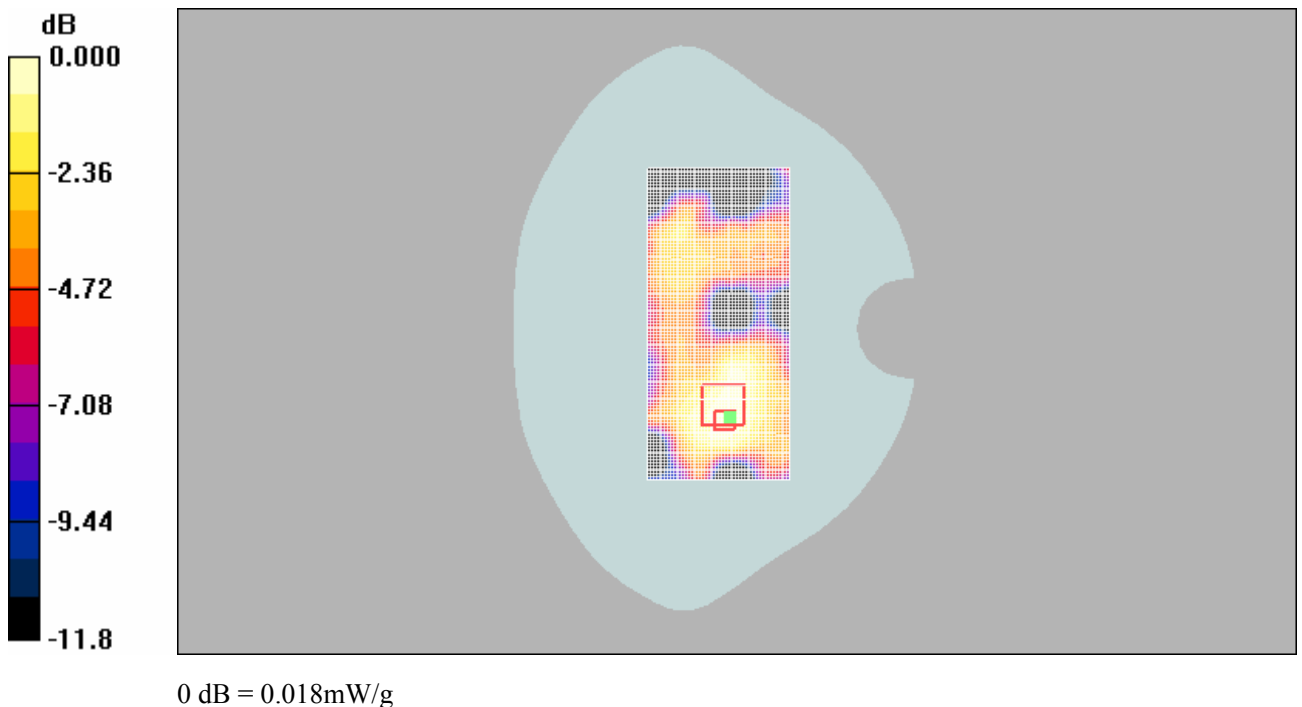
**Toward Phantom High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.83 V/m; Power Drift = 0.176 dB

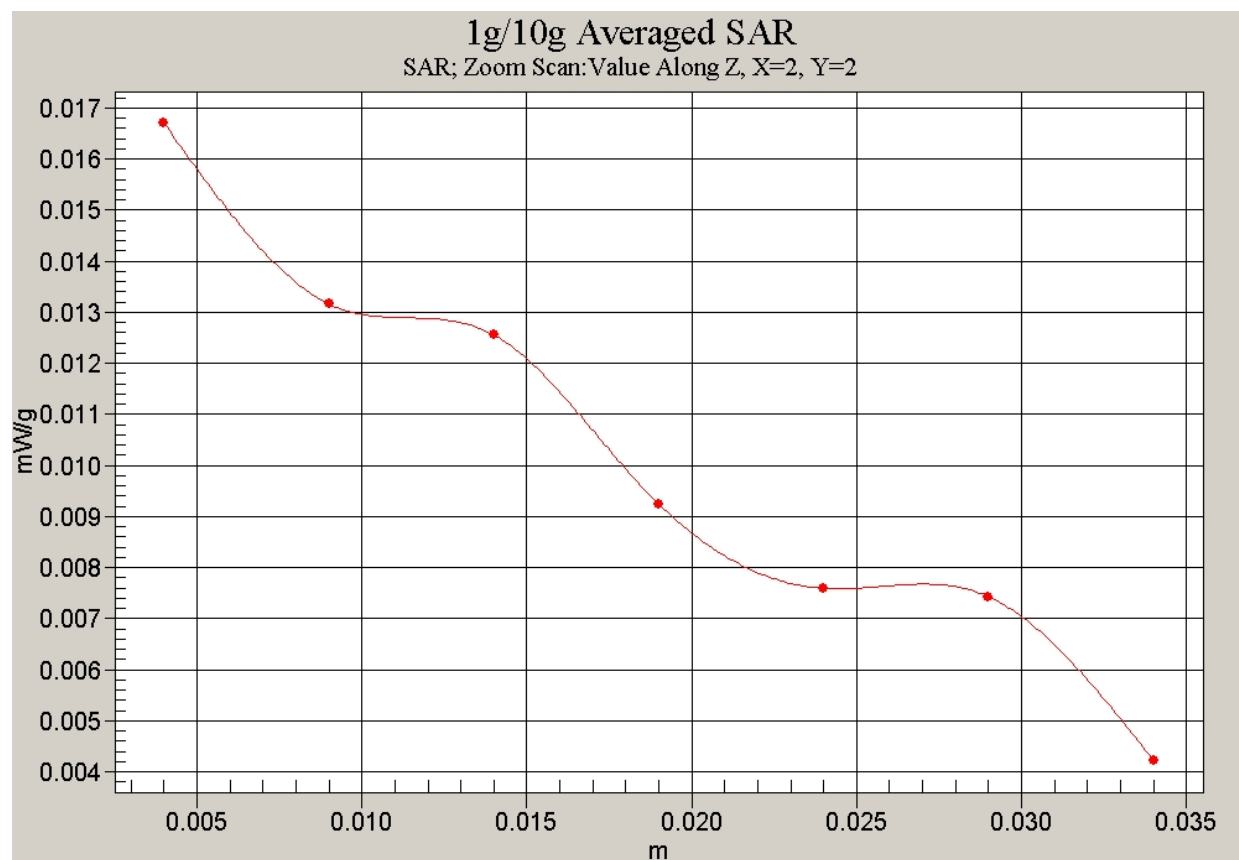
Peak SAR (extrapolated) = 0.027 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00946 mW/g**

Maximum value of SAR (measured) = 0.018 mW/g

**Fig. 135 PCS 1900MHz, Body, Towards Phantom with GPRS, CH810**





**Fig. 136 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Phantom with GPRS, CH810)**

**1900 Body Toward Phantom Middle with GPRS-slide up**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Phantom Middle/Area Scan (51x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.020 mW/g

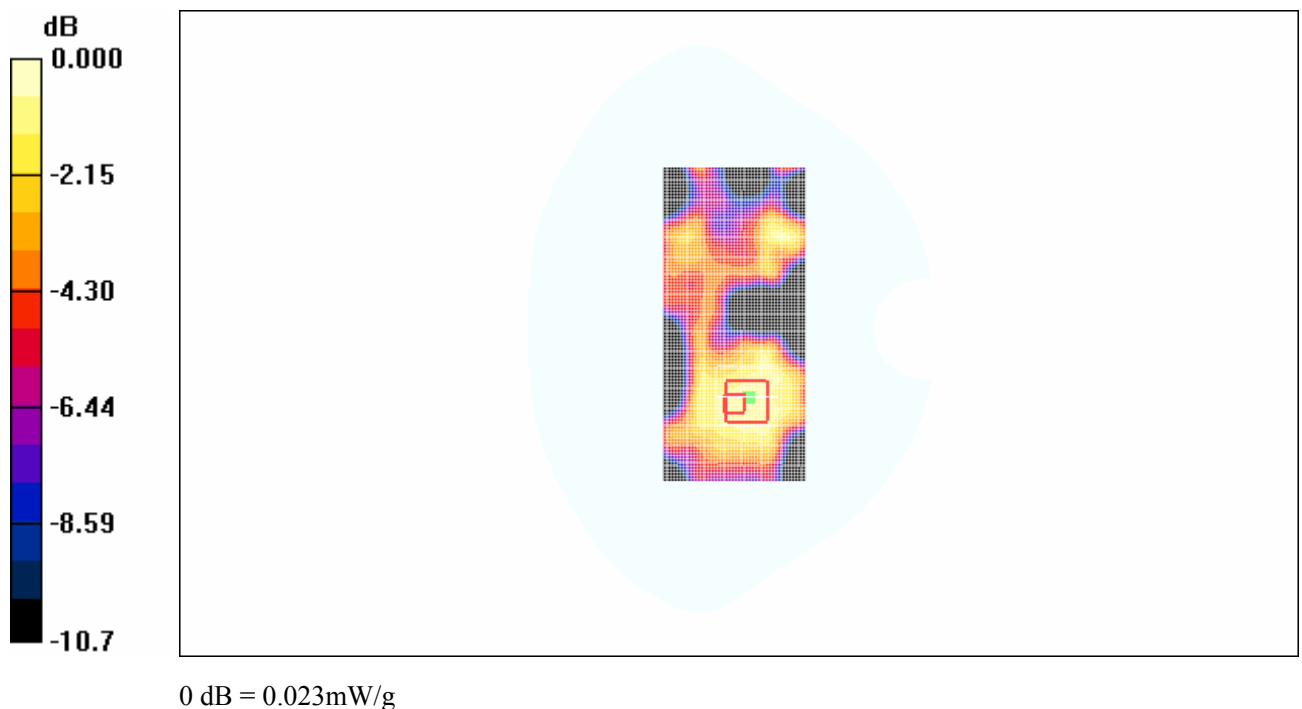
**Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

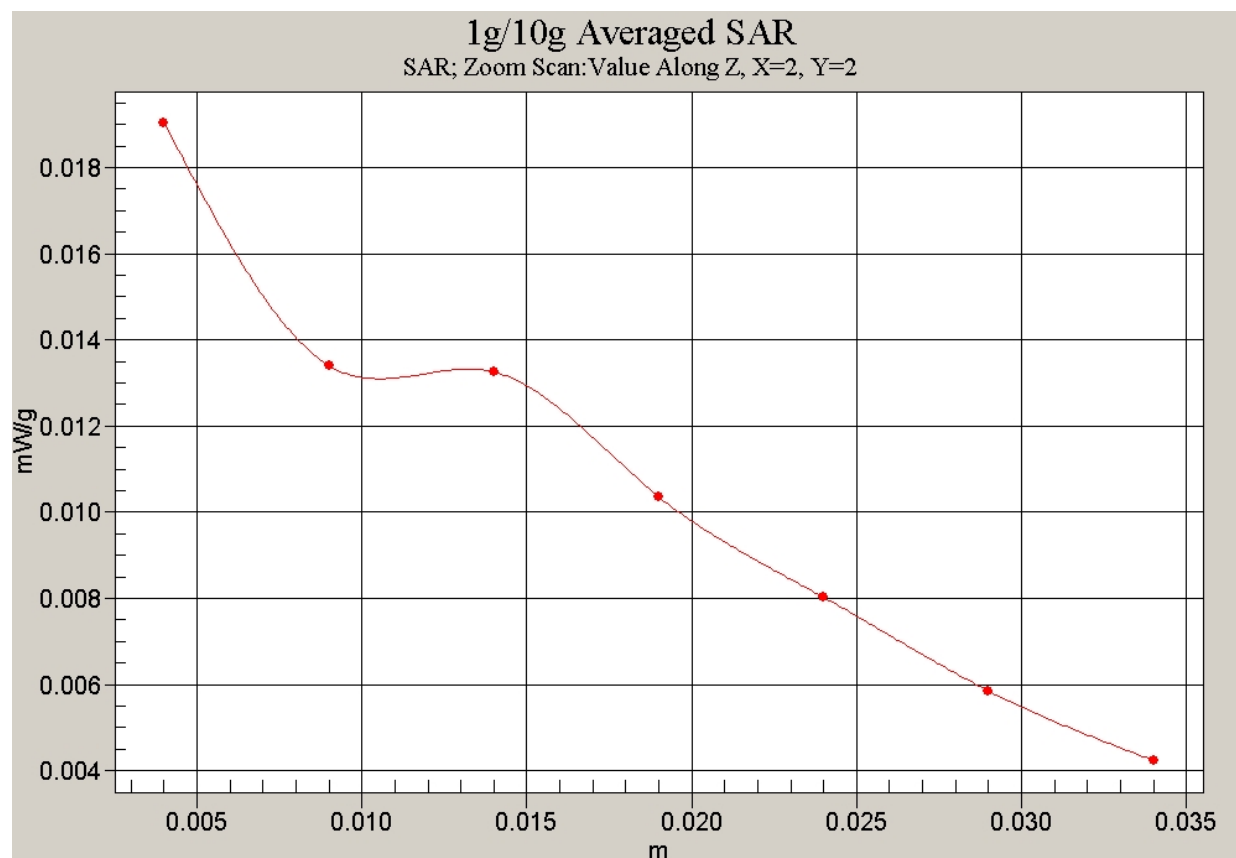
Reference Value = 1.56 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.023 mW/g

**Fig. 137 PCS 1900MHz, Body, Towards Phantom with GPRS, CH661**



**Fig. 138 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Phantom with GPRS, CH661)**

**1900 Body Toward Phantom Low with GPRS-slide up**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

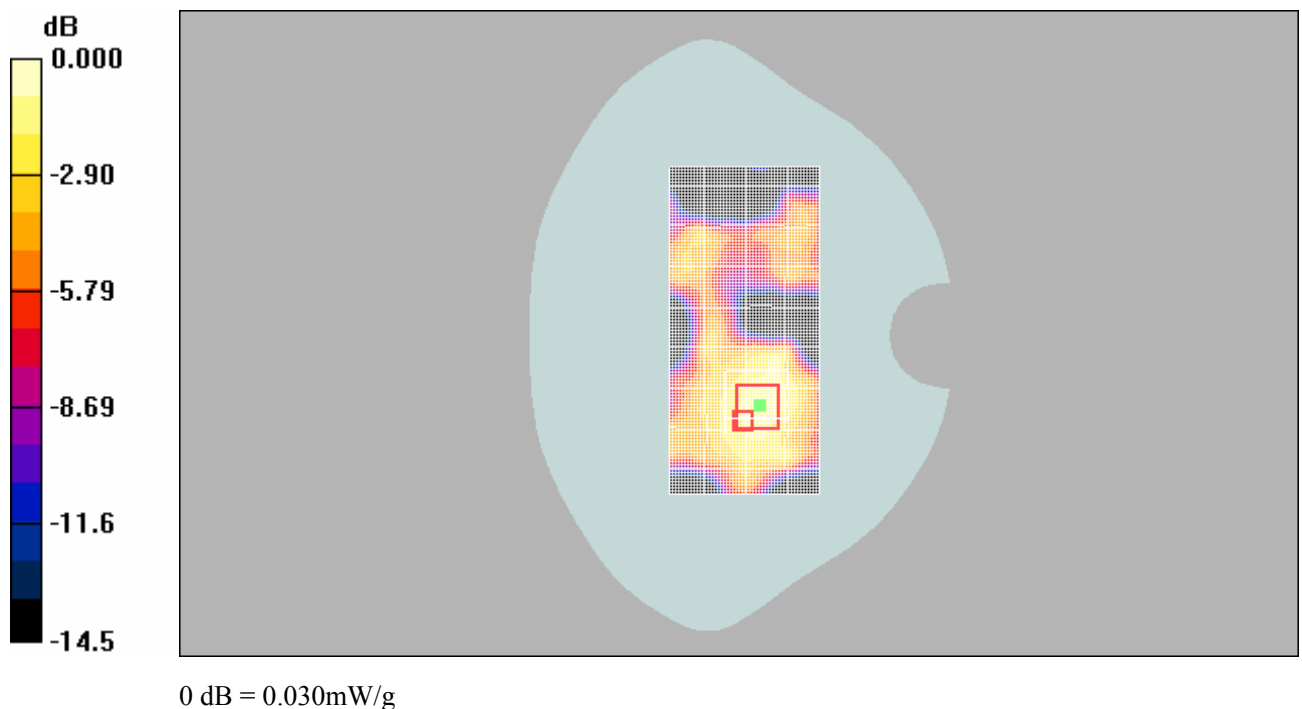
**Toward Phantom Low/Area Scan (51x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.023 mW/g**Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

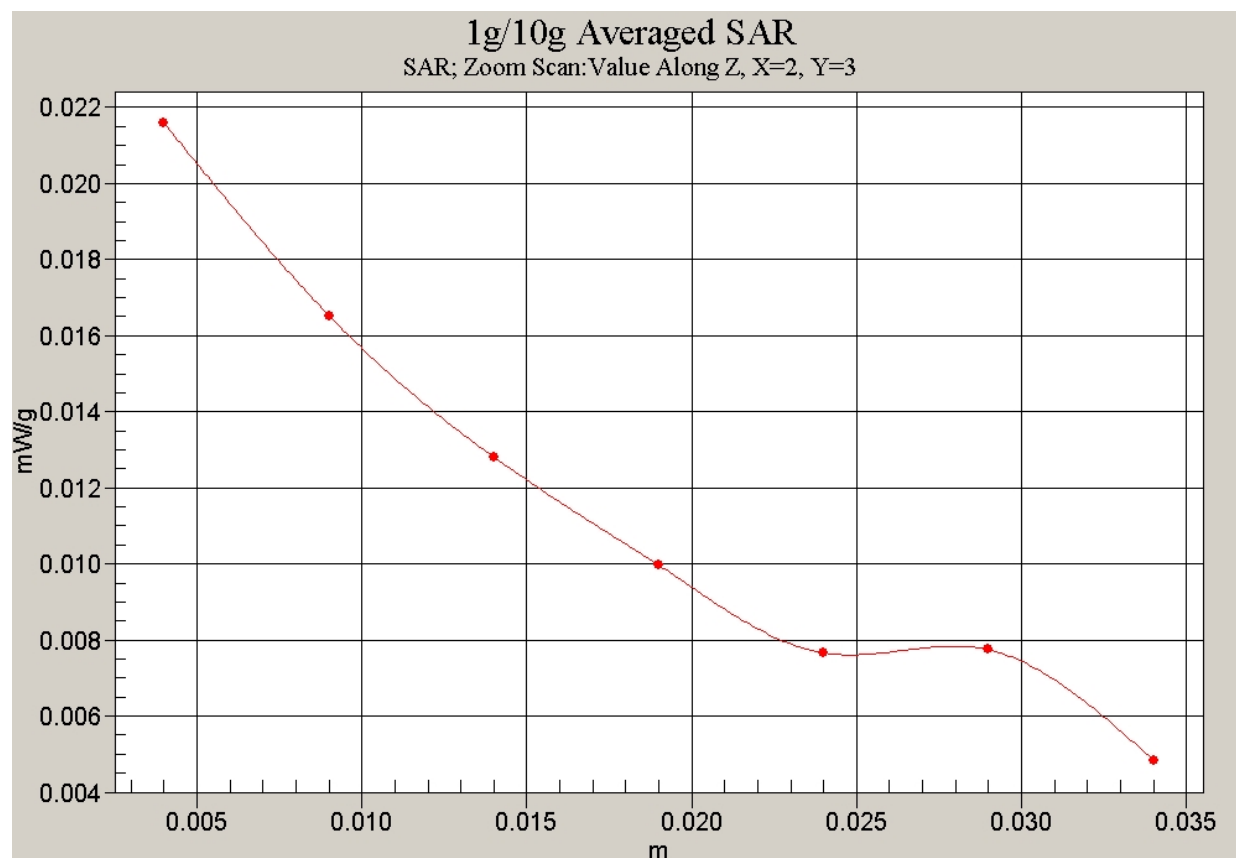
Reference Value = 2.35 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.031 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g

**Fig. 139 PCS 1900MHz, Body, Towards Phantom with GPRS, CH512**



**Fig. 140 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Phantom with GPRS, CH512)**

**1900 Body Toward Ground High with GPRS-slide up**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Ground High/Area Scan (51x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.062 mW/g

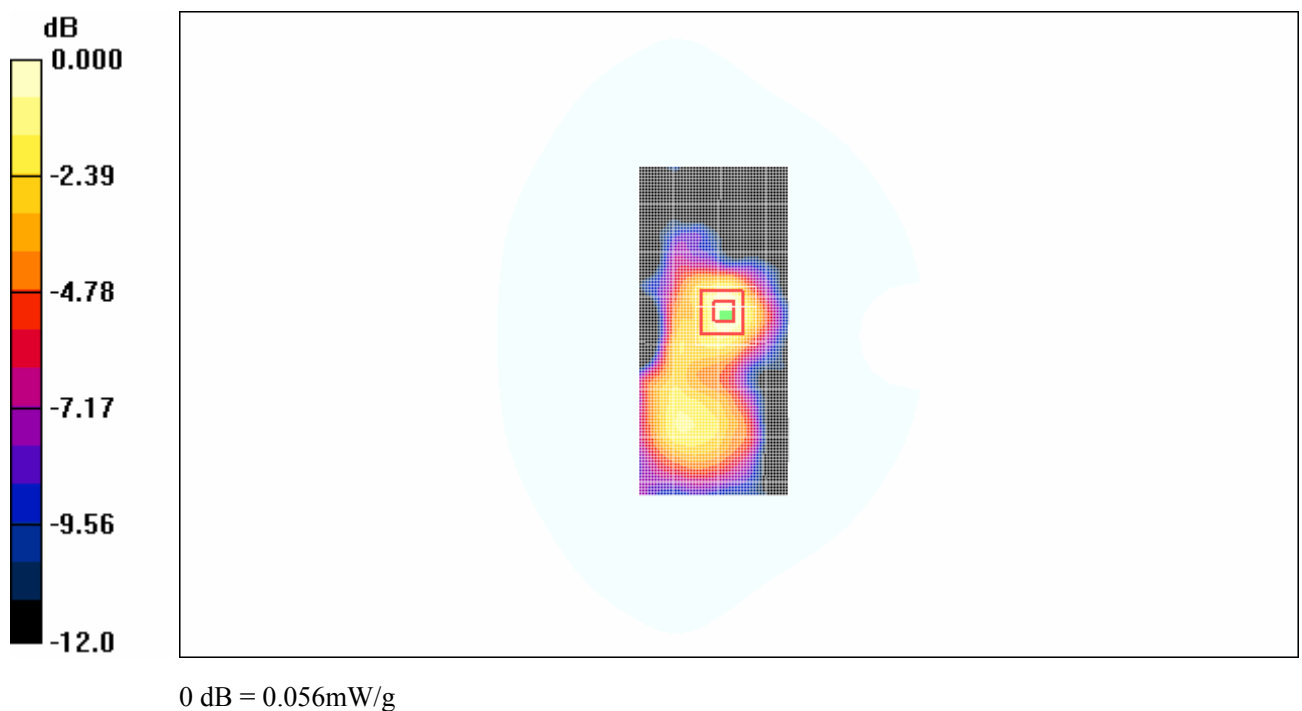
**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

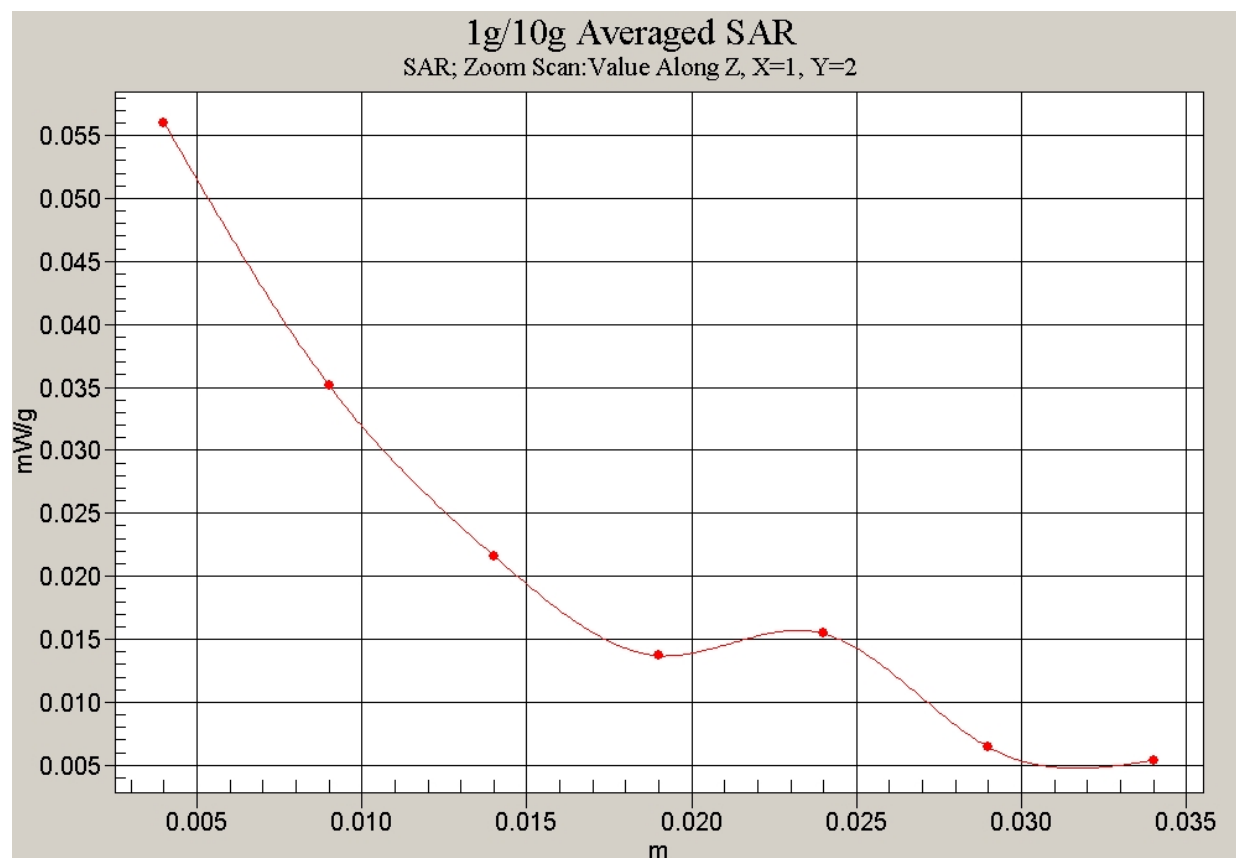
Reference Value = 5.02 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.085 W/kg

**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.032 mW/g**

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

**Fig. 141 PCS 1900MHz, Body, Towards Ground with GPRS, CH810**



**Fig. 142 Z-Scan at power reference point  
(PCS 1900MHz, Body Towards Ground with GPRS, CH810)**

**1900 Body Toward Ground Middle with GPRS-slide up**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Toward Ground Middle/Area Scan (51x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.071 mW/g

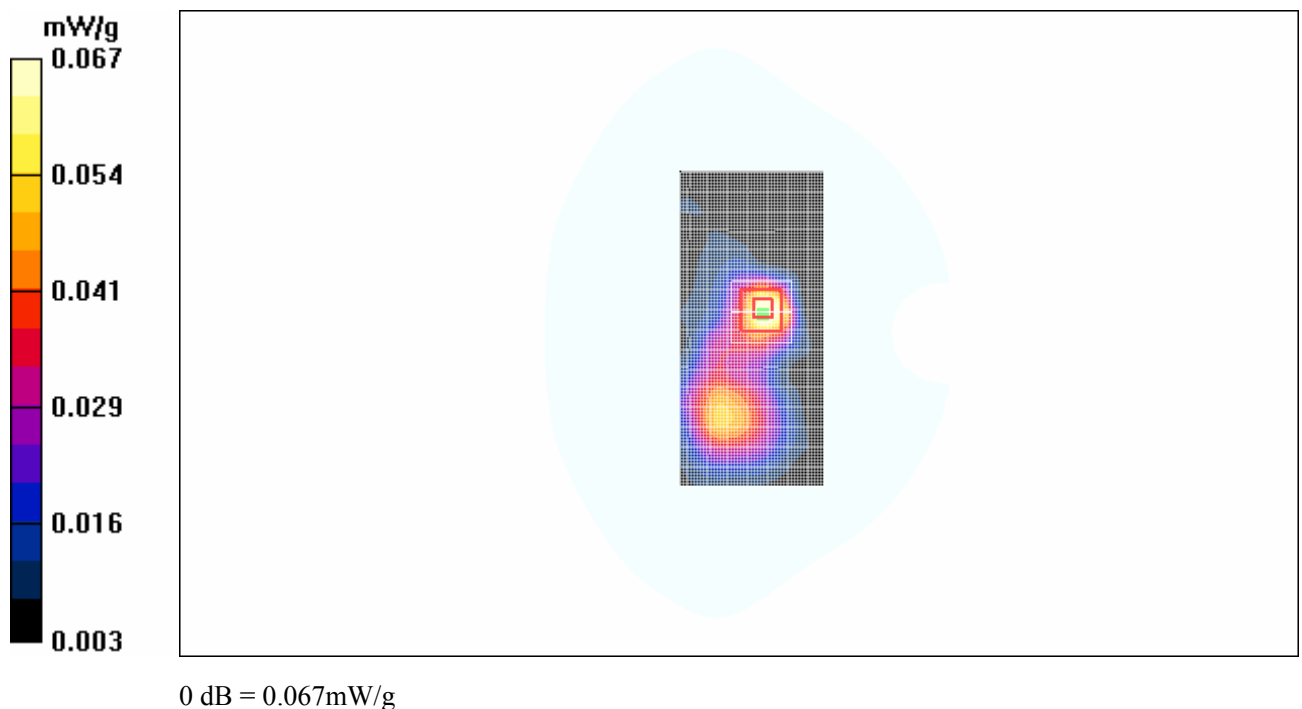
**Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.46 V/m; Power Drift = -0.113 dB

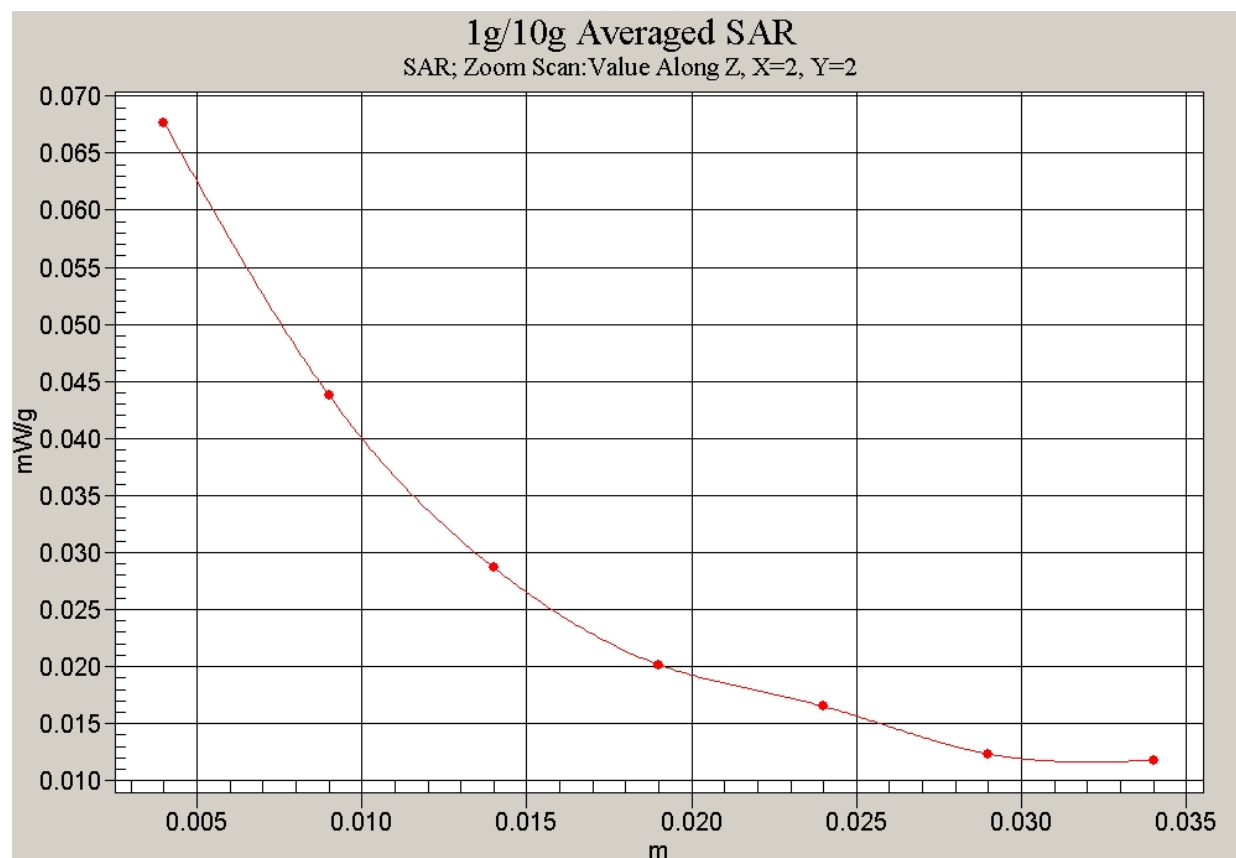
Peak SAR (extrapolated) = 0.102 W/kg

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.067 mW/g

**Fig. 143 PCS 1900MHz, Body, Towards Ground with GPRS, CH661**





**Fig. 144 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Ground with GPRS, CH661)**

**1900 Body Toward Ground Low with GPRS-slide up**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

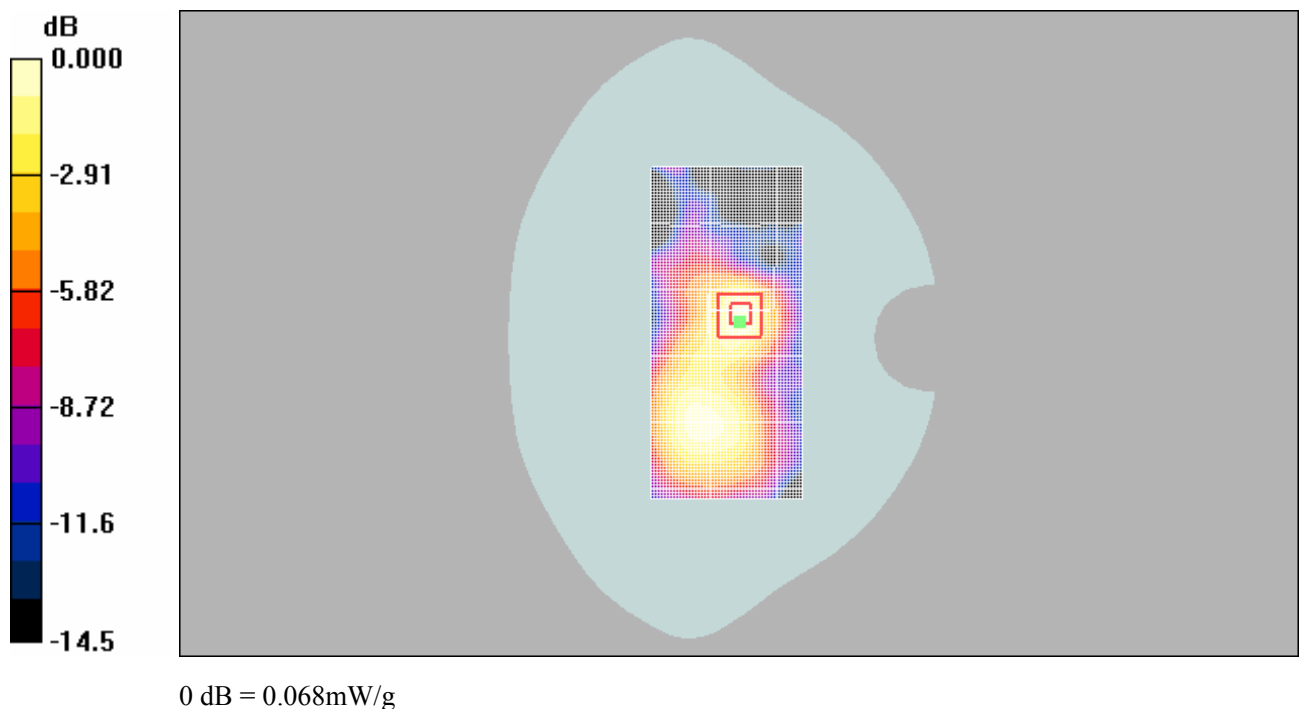
**Toward Ground Low/Area Scan (51x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.073 mW/g**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

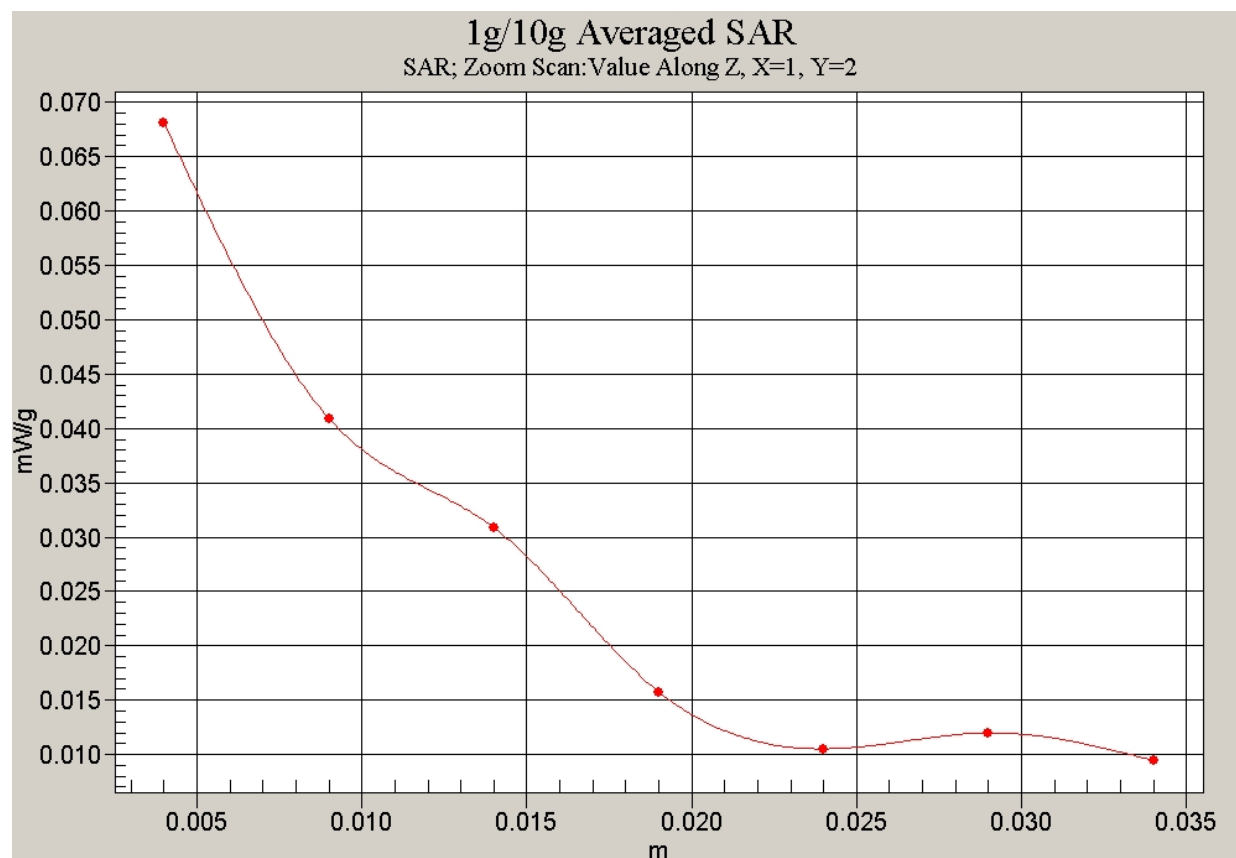
Reference Value = 5.83 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.068 mW/g

**Fig. 145 PCS 1900MHz, Body, Towards Ground with GPRS, CH512**



**Fig. 146 Z-Scan at power reference point**  
**(PCS 1900MHz, Body Towards Ground with GPRS, CH512)**

**1900 Body Toward Ground Low with EGPRS-slide down**

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

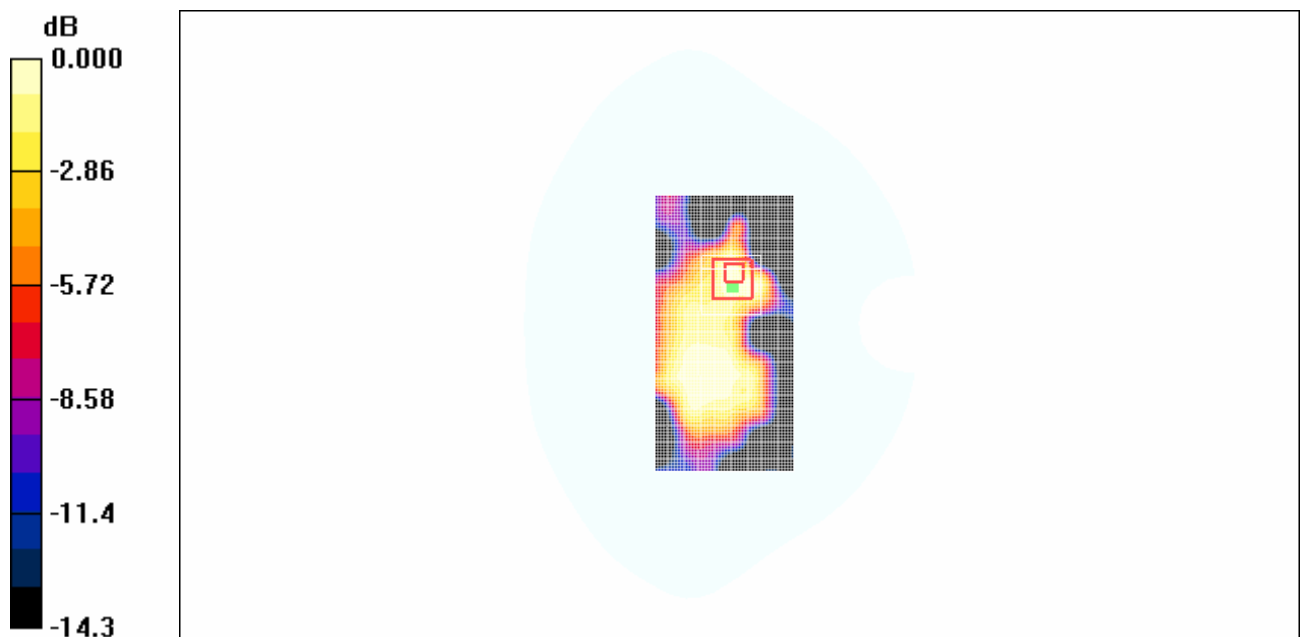
**Toward Ground Low/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.069 mW/g**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.44 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.091 W/kg

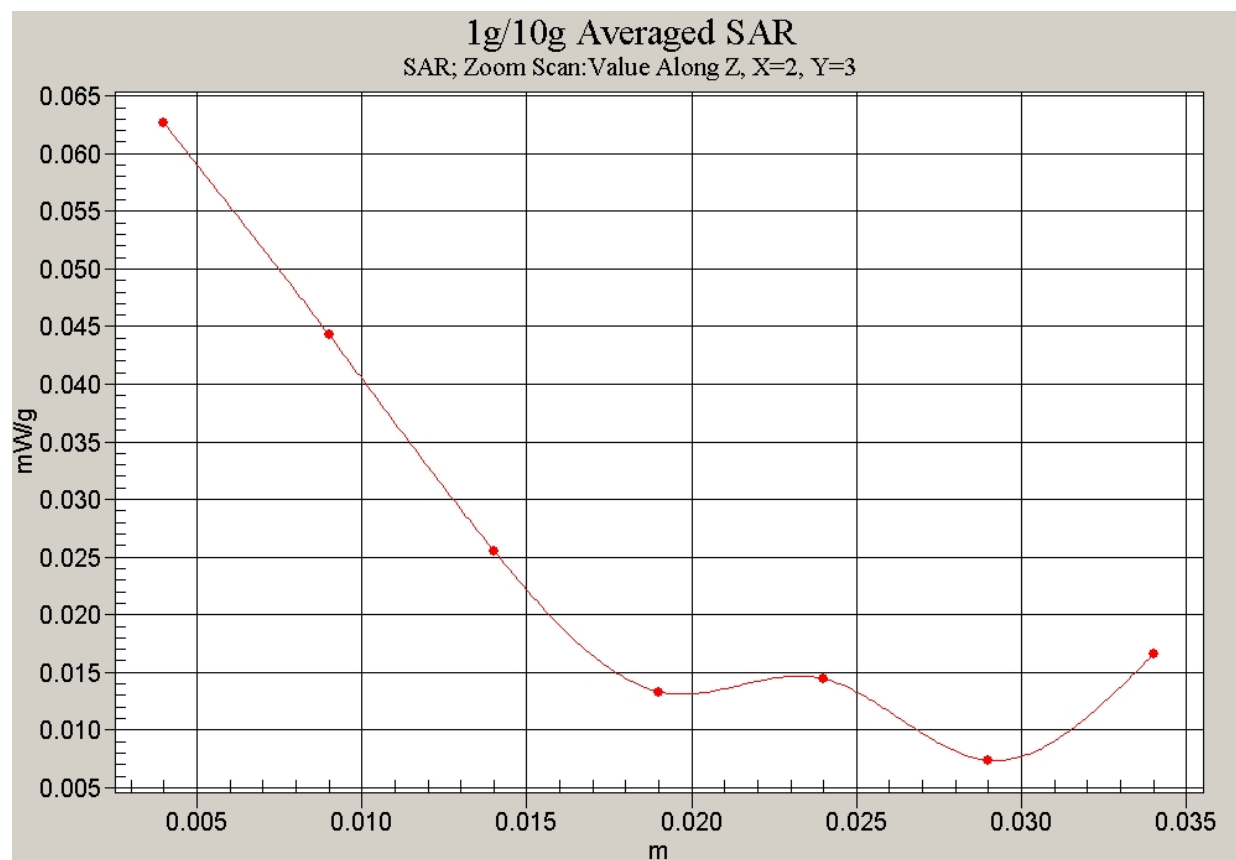
**SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.063mW/g

**Fig. 147 PCS 1900MHz, Body, Towards Ground with EGPRS, CH512**



**Fig. 148 Z-Scan at power reference point**  
(PCS 1900MHz, Body, Towards Ground with EGPRS, CH512)

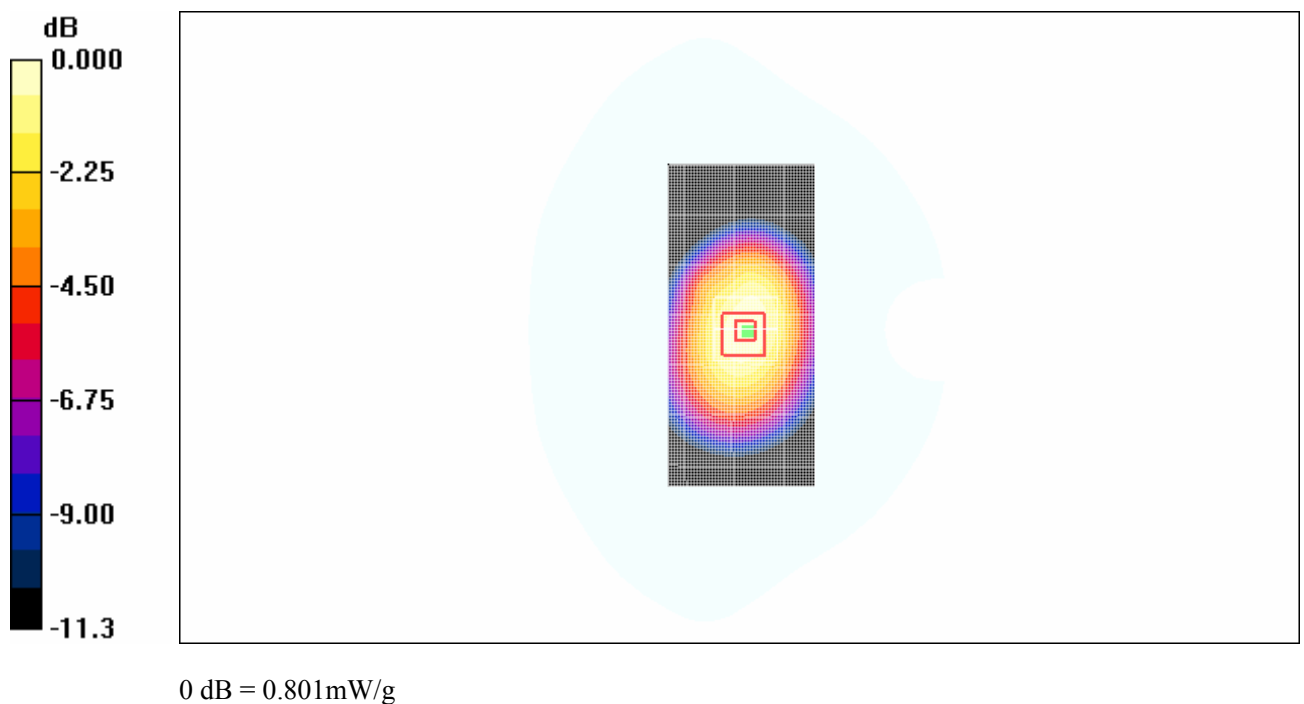
**850 Body Toward Ground Low with Bluetooth-slide up**

Electronics: DAE4 Sn777

Medium:850 Body

Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$ Communication System: GSM 850 Frequency:  $824.2 \text{ MHz}$  Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

**Toward Ground Low/Area Scan (51x111x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.801 \text{ mW/g}$ **Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $29.7 \text{ V/m}$ ; Power Drift =  $-0.075 \text{ dB}$ Peak SAR (extrapolated) =  $1.02 \text{ W/kg}$ **SAR(1 g) =  $0.748 \text{ mW/g}$ ; SAR(10 g) =  $0.517 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.801 \text{ mW/g}$ **Fig. 149 GSM 850MHz, Body, Towards Ground with Bluetooth, CH128**