850 Right Tilt Middle-slide up

Date/Time: 2008-3-21 19:29:53

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.907 mho/m; ε_r = 43.8; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

Tilt Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

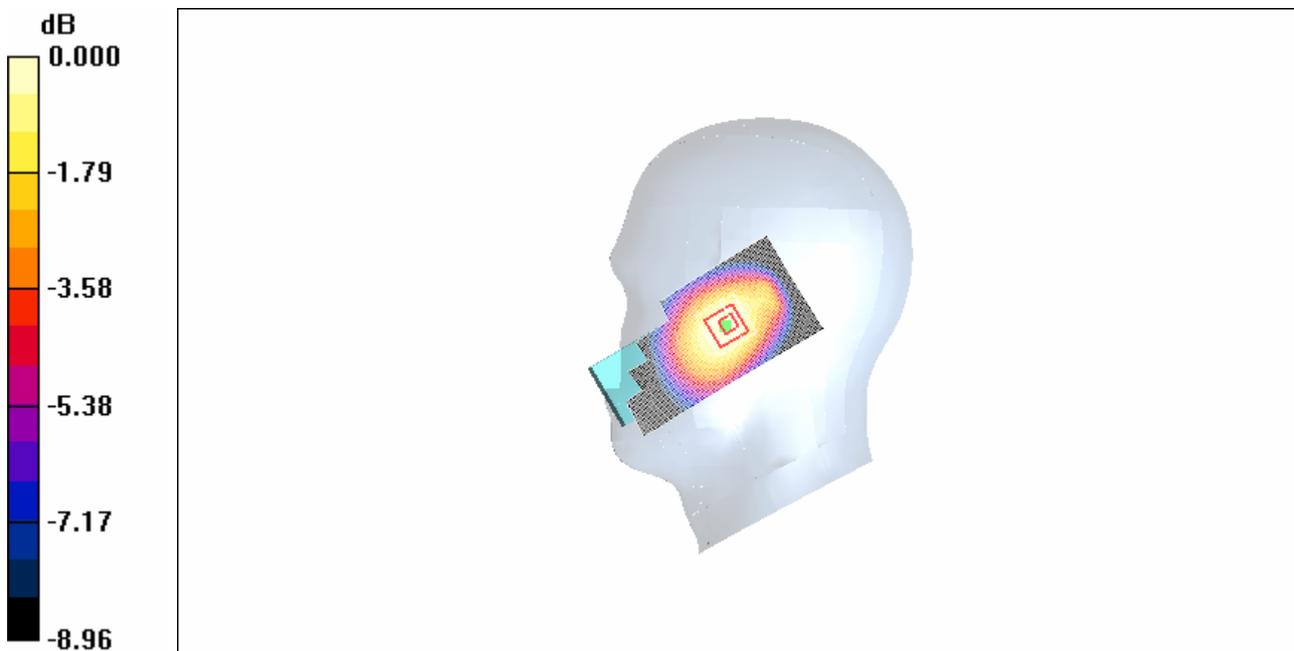Maximum value of SAR (interpolated) = 0.432 mW/g

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

Reference Value = 15.6 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.420 mW/g

0 dB = 0.420mW/g

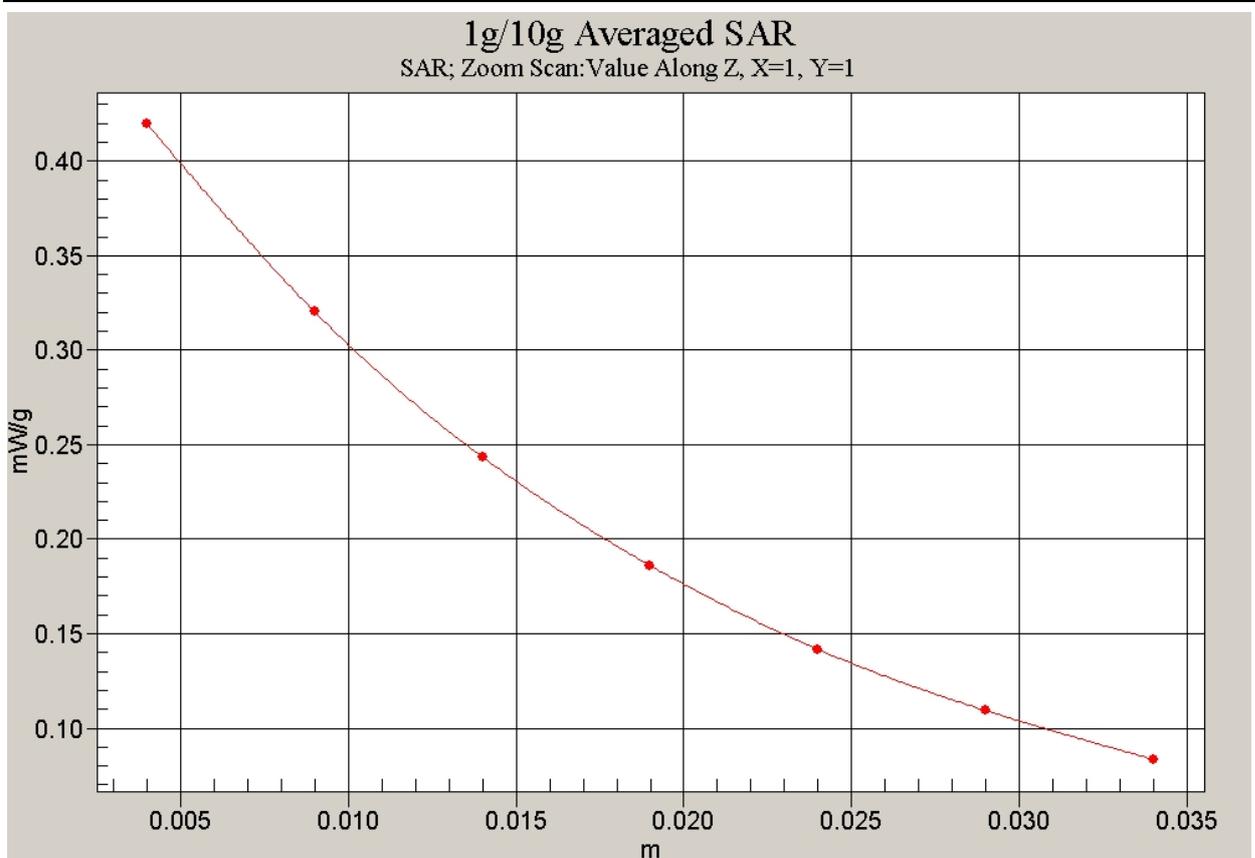**Fig. 193 Right Hand Tilt 15°850MHz CH190-slide up**

Fig. 194 Z-Scan at power reference point (850MHz CH190-slide up)

850 Right Tilt Low-slide up

Date/Time: 2008-3-21 19:15:02

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

Tilt Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

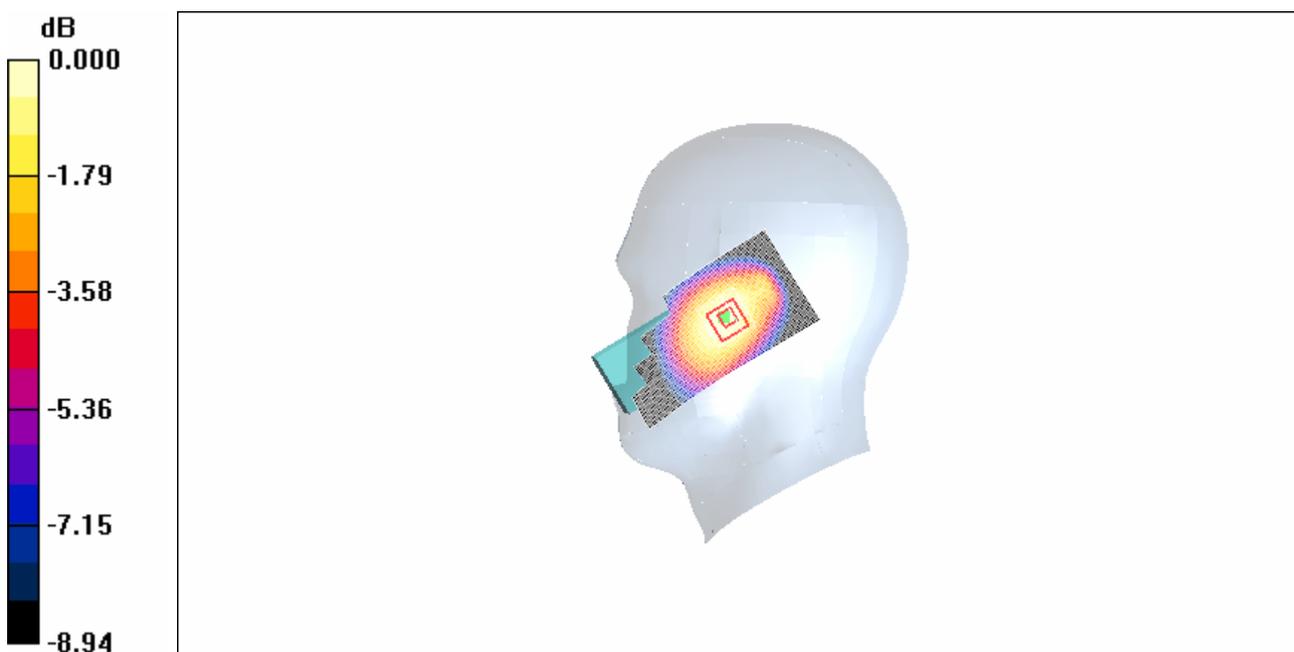Maximum value of SAR (interpolated) = 0.436 mW/g

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

Reference Value = 15.7 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.433 mW/g

0 dB = 0.433mW/g
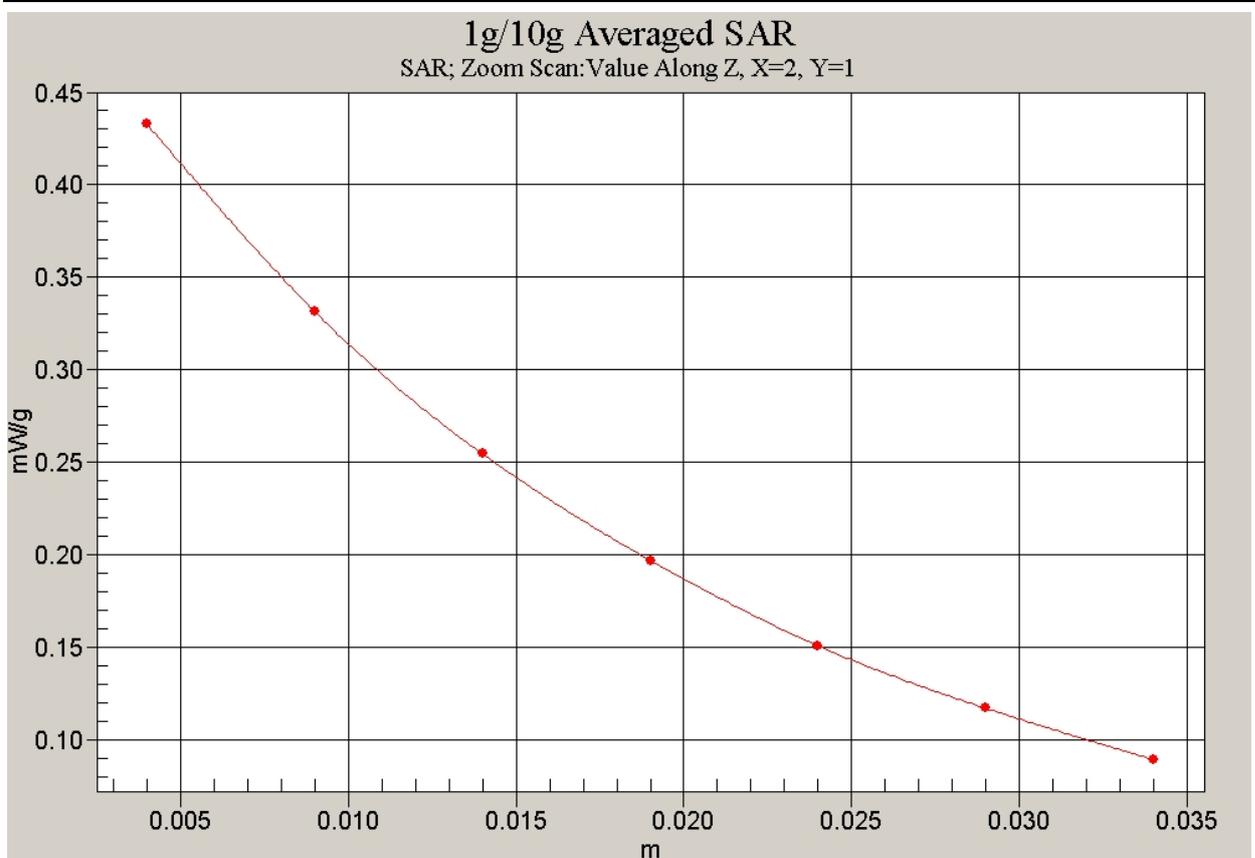

Fig. 195 Right Hand Tilt 15°850MHz CH128-slide up

Fig. 196 Z-Scan at power reference point (850MHz CH128-slide up)

850 Body Toward Ground High with GPRS-slide down

Date/Time: 2008-3-21 16:32:39

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.983 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

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

Maximum value of SAR (interpolated) = 0.758 mW/g

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

Reference Value = 23.8 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.473 mW/g

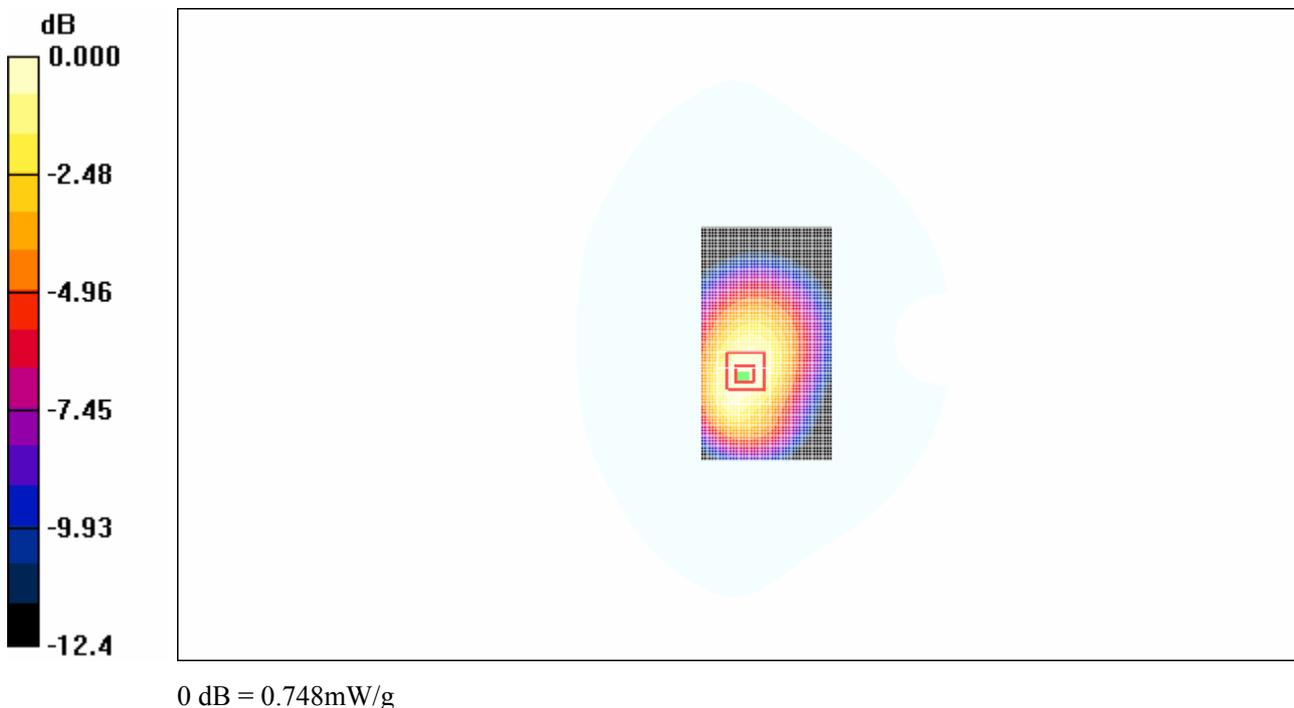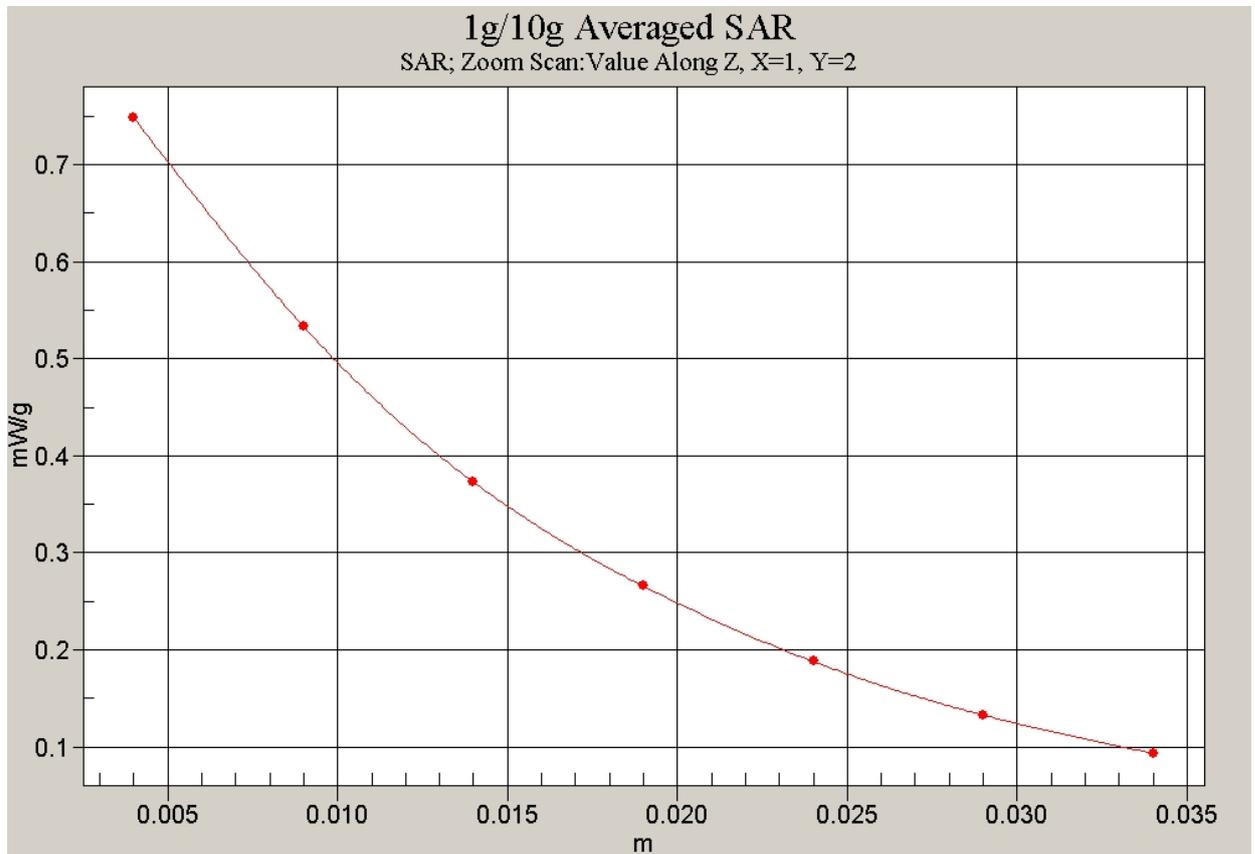Maximum value of SAR (measured) = 0.748 mW/g

0 dB = 0.748mW/g

Fig. 197 850MHz Body, Towards Ground with GPRS, CH251-slide down

Fig. 198 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH251-slide down)

850 Body Toward Ground Middle with GPRS-slide down

Date/Time: 2008-3-21 16:20:54

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.971 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

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

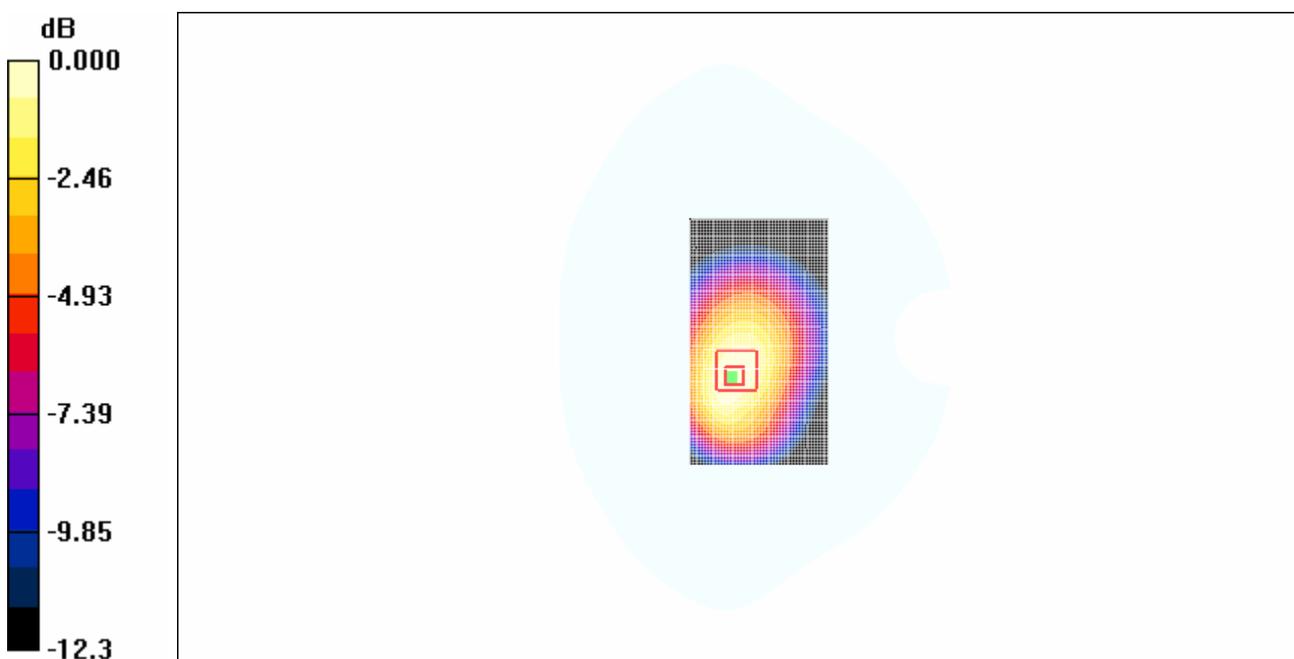Maximum value of SAR (interpolated) = 0.738 mW/g

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

Reference Value = 23.2 V/m; Power Drift = 0.041 dB
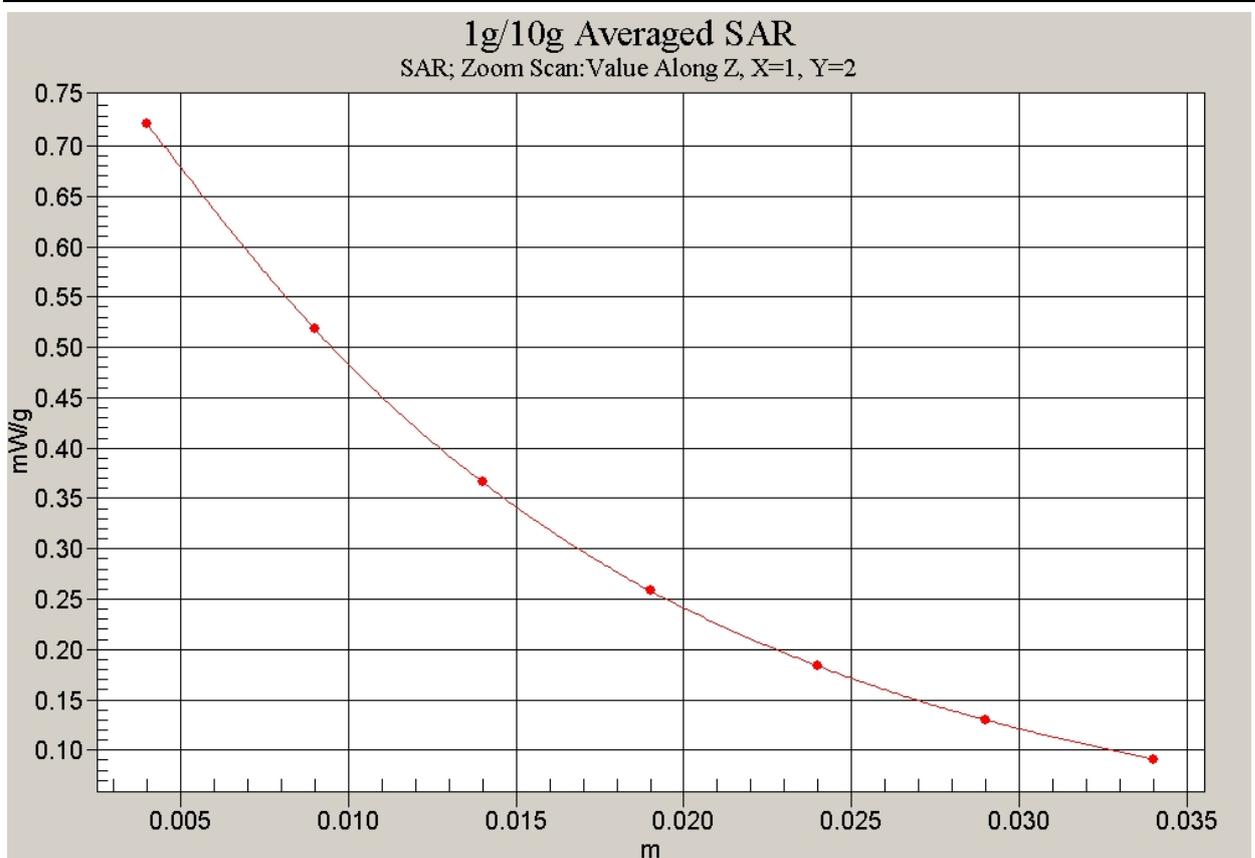
Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.722 mW/g

0 dB = 0.722mW/g

Fig. 199 850MHz Body, Towards Ground with GPRS, CH190-slide down

Fig. 200 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH190-slide down)

850 Body Toward Ground Low with GPRS-slide down
Date/Time: 2008-3-21 16:08:37
Electronics: DAE4 Sn777
Medium: 850 Body
Medium parameters used: f = 825 MHz; σ = 0.96 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

Toward Ground Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.818 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.510 mW/g
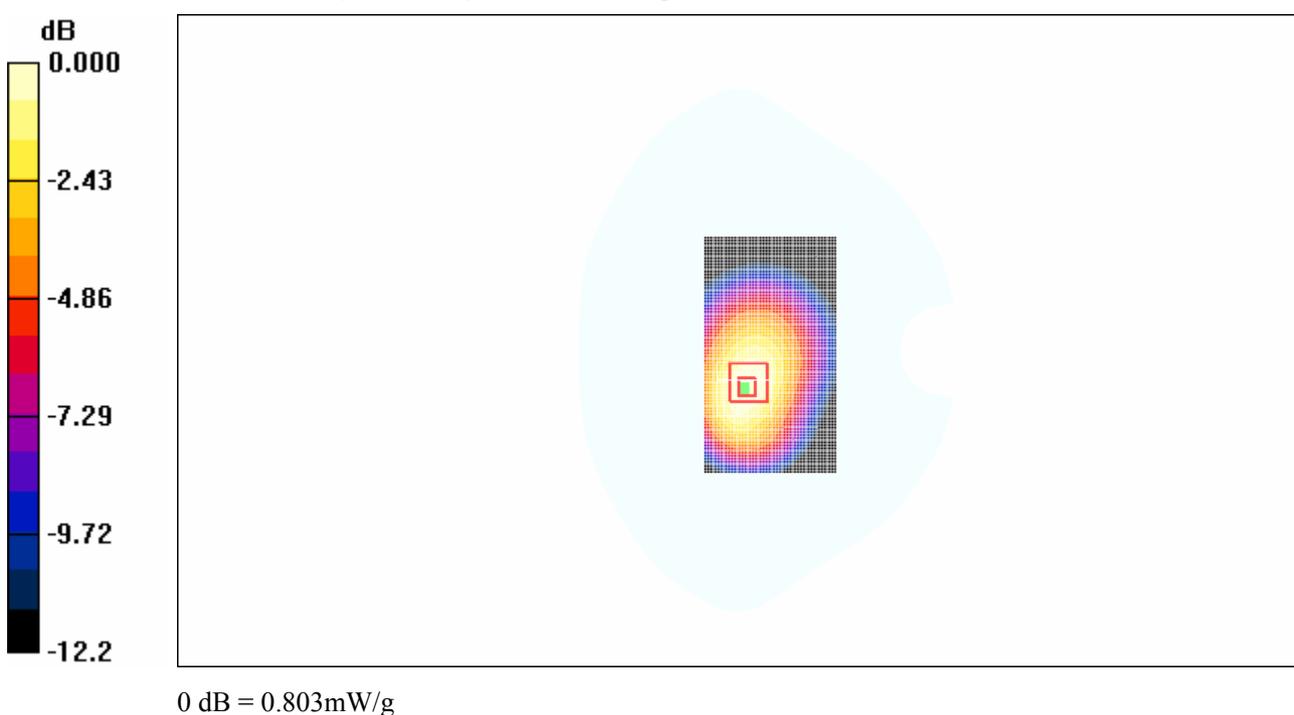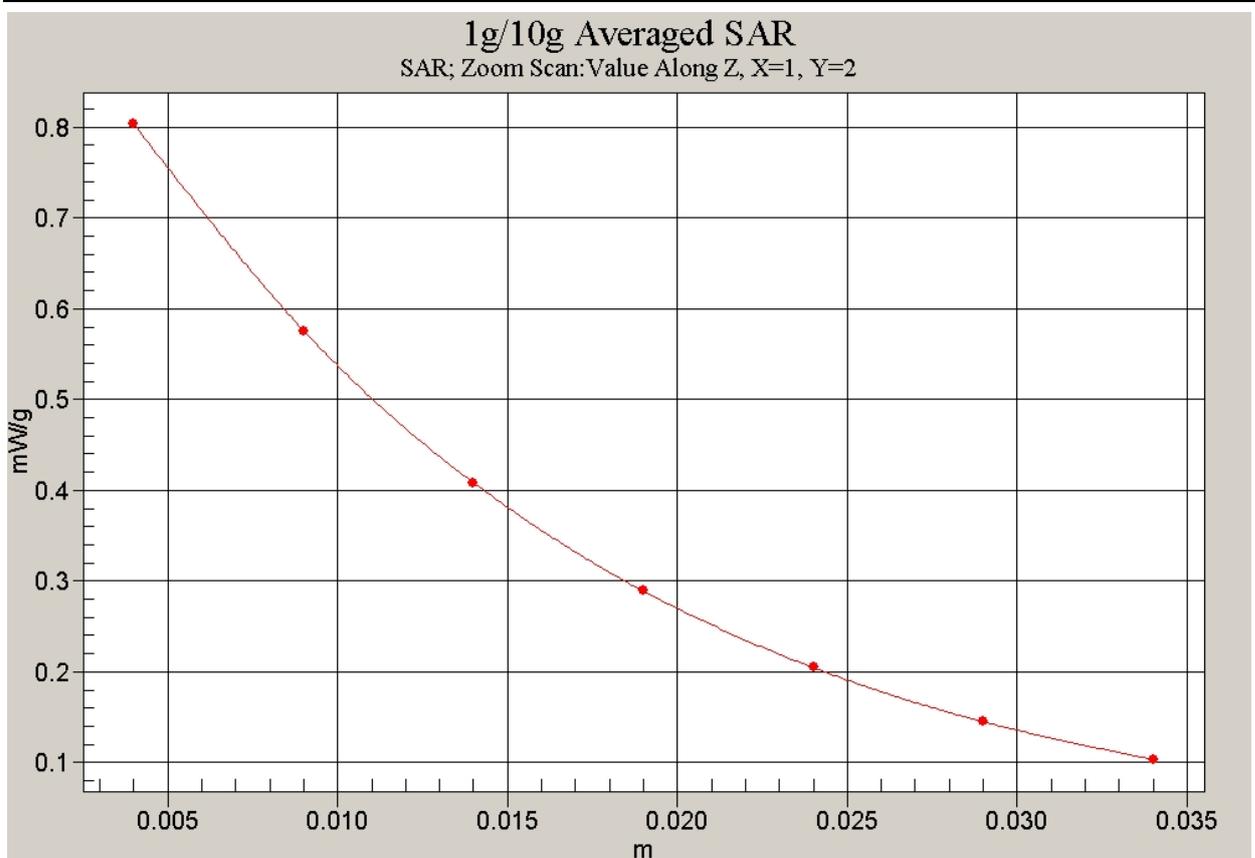Maximum value of SAR (measured) = 0.803 mW/g

0 dB = 0.803mW/g

Fig. 201 850MHz Body, Towards Ground with GPRS, CH128-slide down

Fig. 202 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH128-slide down)

850 Body Toward Phantom High with GPRS-slide down

Date/Time: 2008-3-21 15:30:29

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.983 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C　　　Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

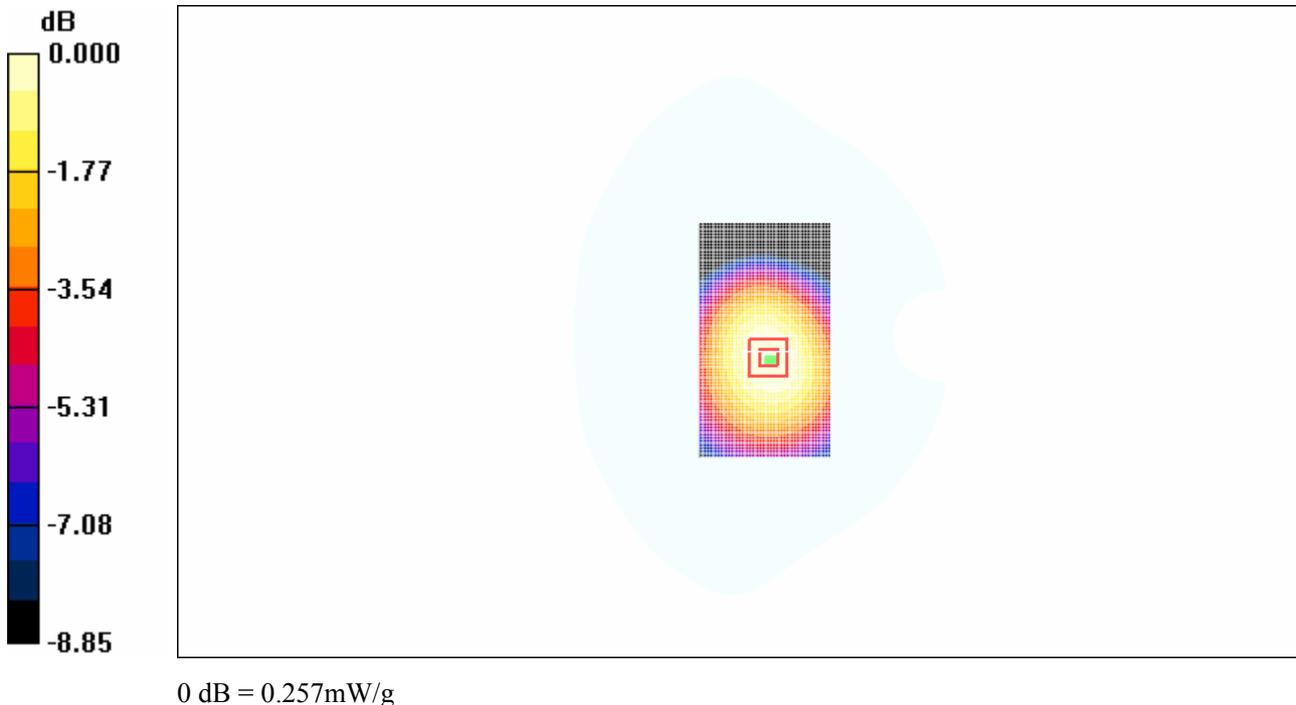Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

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

Maximum value of SAR (interpolated) = 0.265 mW/g

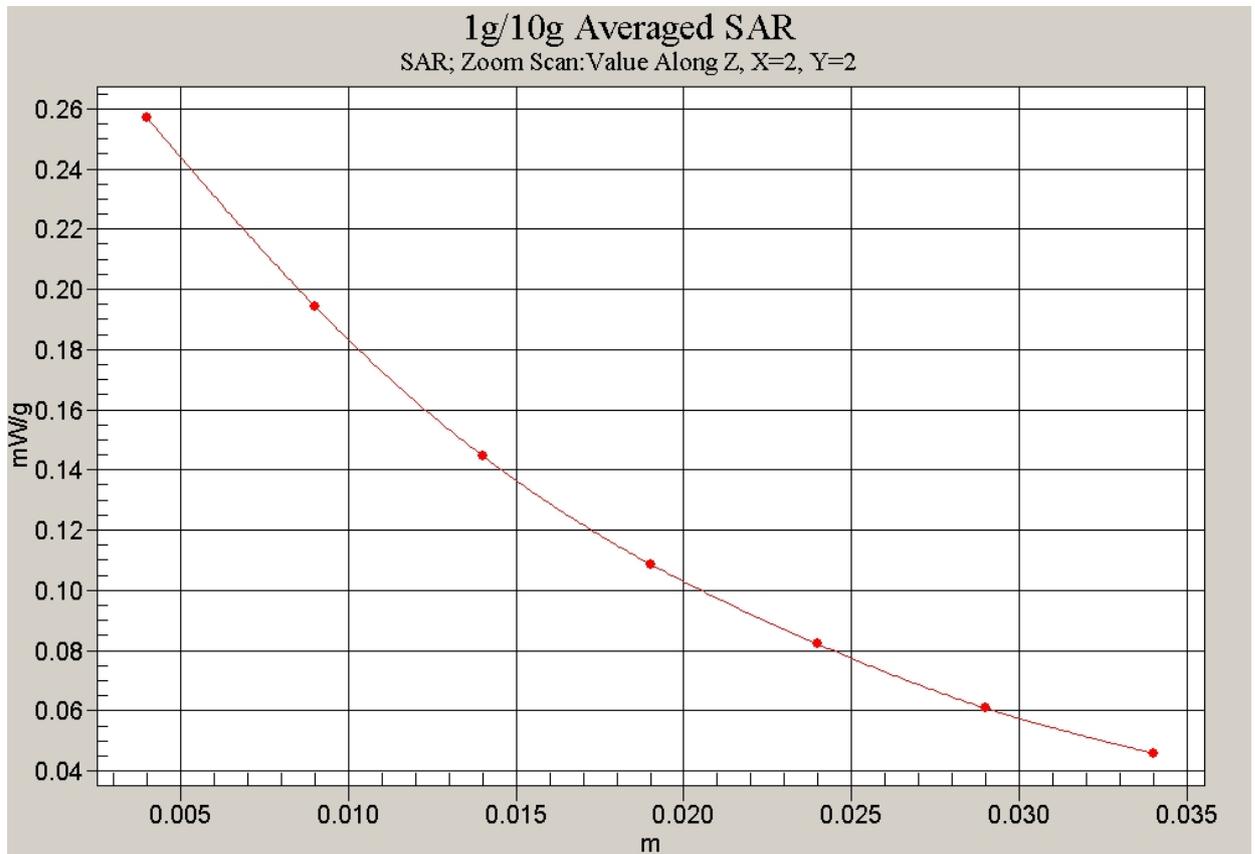**Toward Phantom High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.257 mW/g

0 dB = 0.257mW/g

Fig. 203 850MHz Body, Towards Phantom with GPRS, CH251-slide down

Fig. 204 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH251-slide down)

850 Body Toward Phantom Middle with GPRS-slide down

Date/Time: 2008-3-21 15:43:02

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.971 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

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

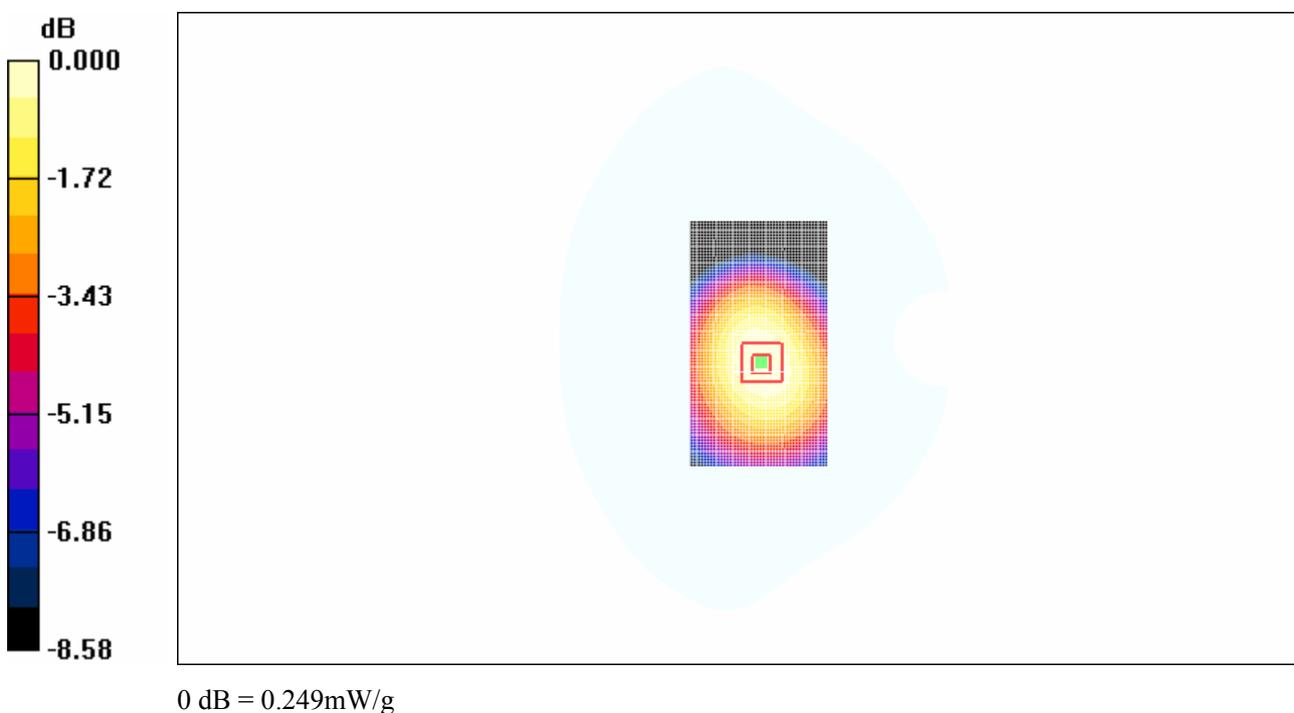Maximum value of SAR (interpolated) = 0.253 mW/g

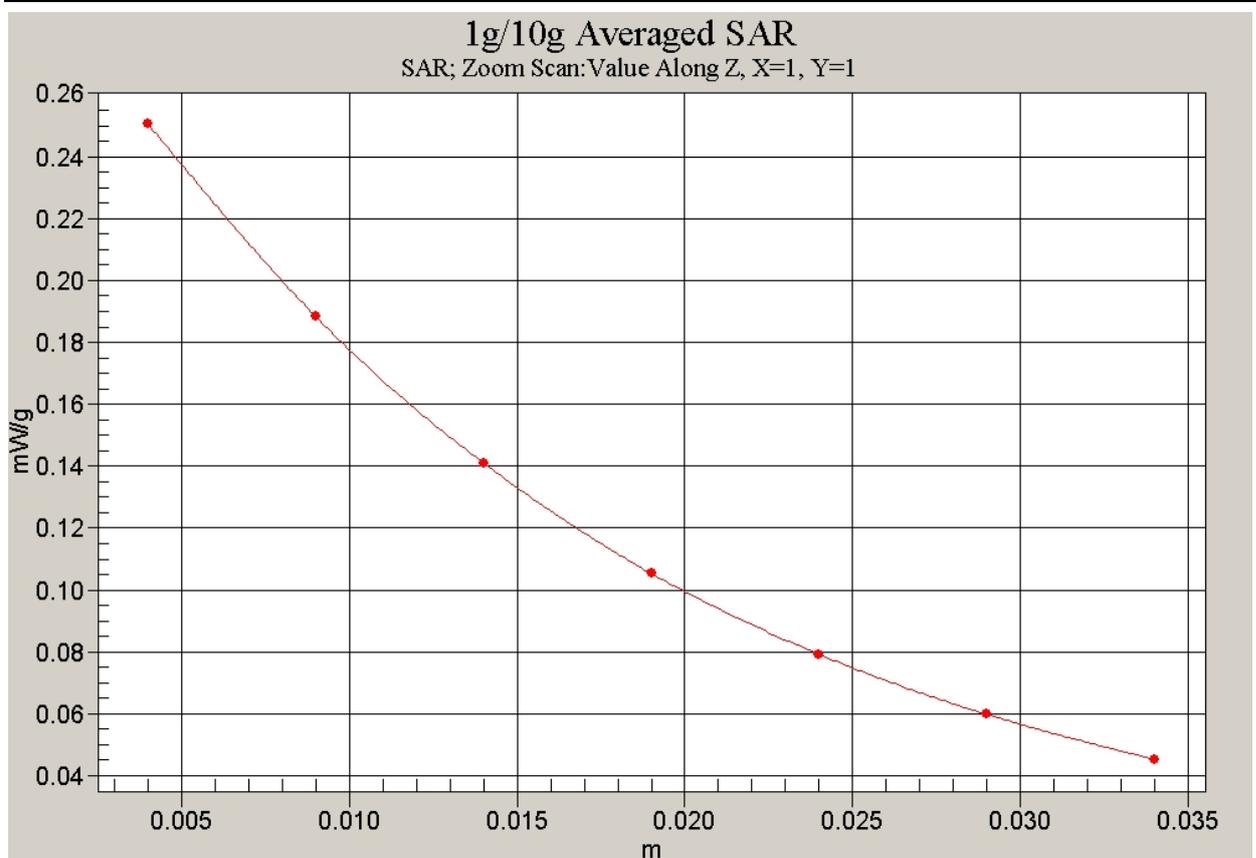**Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = 0.005dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.249 mW/g

0 dB = 0.249mW/g

Fig. 205 850MHz Body, Towards Phantom with GPRS, CH190-slide down

Fig. 206 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH190-slide down)

850 Body Toward Phantom Low with GPRS-slide down

Date/Time: 2008-3-21 15:52:26

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.96$ mho/m; $\varepsilon_r = 55.1$; $\rho = 1000$ kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

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

Maximum value of SAR (interpolated) = 0.273 mW/g

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

Reference Value = 16.5 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.189 mW/g

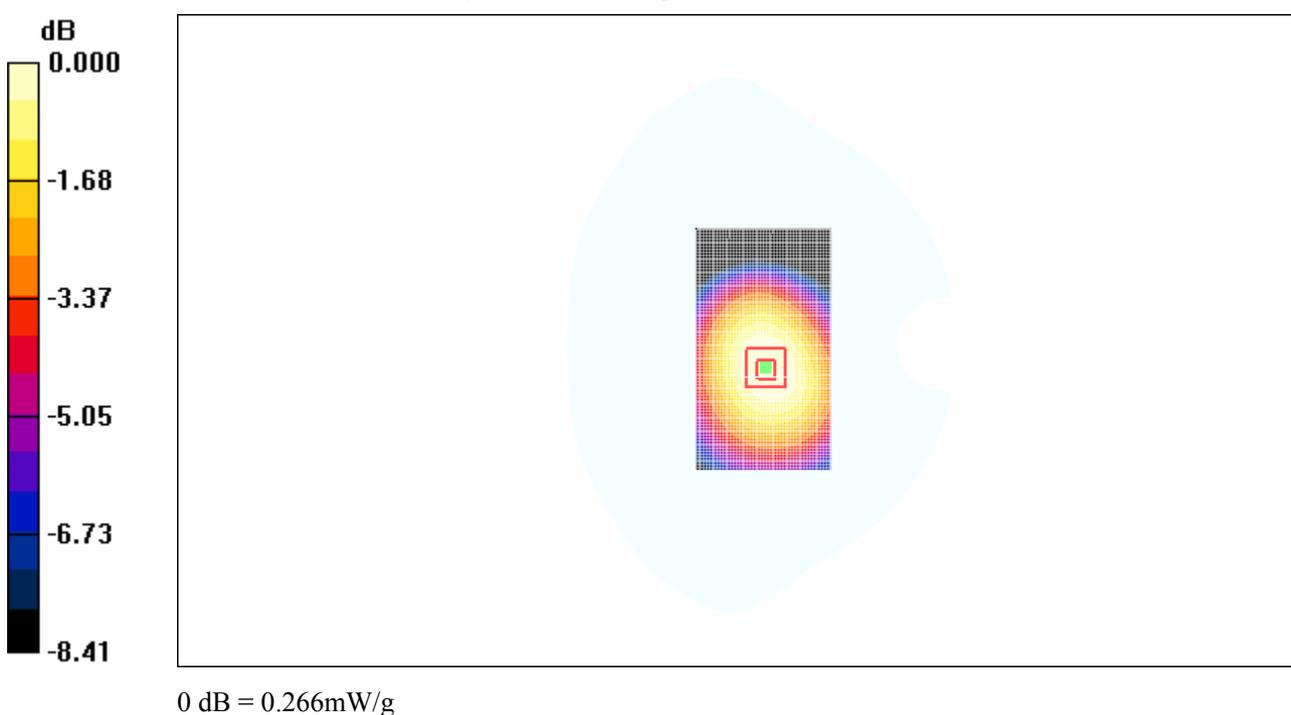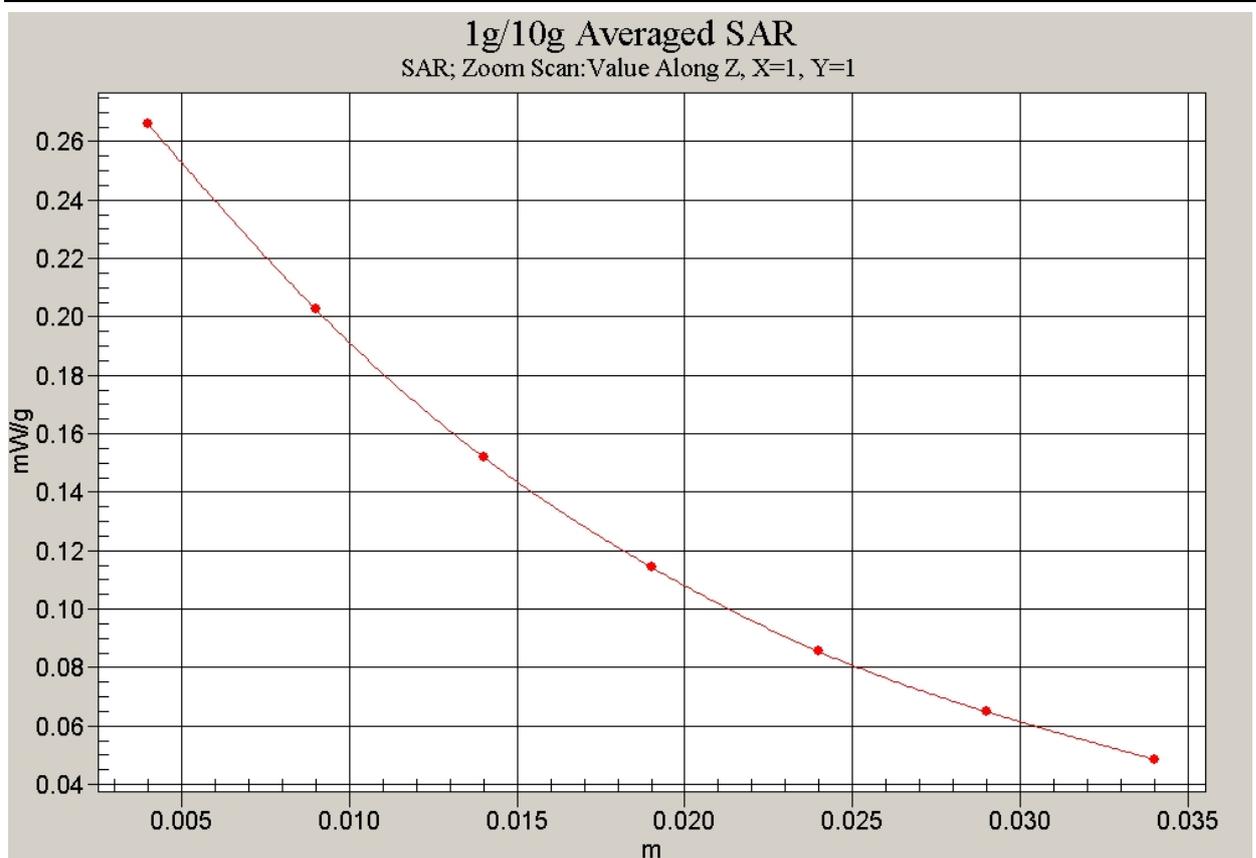Maximum value of SAR (measured) = 0.266 mW/g

0 dB = 0.266mW/g

Fig. 207 850MHz Body, Towards Phantom with GPRS, CH128-slide down

Fig. 208 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH128-slide down)

850 Body Toward Ground High with GPRS-slide up

Date/Time: 2008-3-21 16:32:39

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.983 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

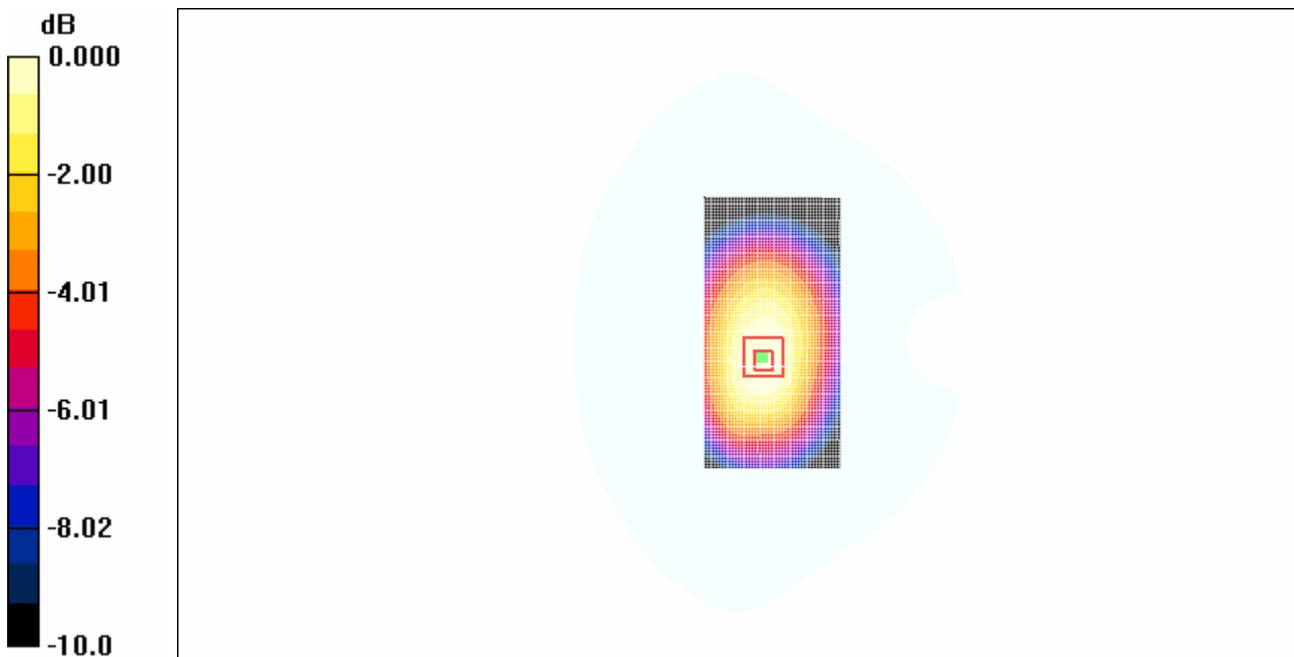Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

Toward Ground High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.17 mW/g

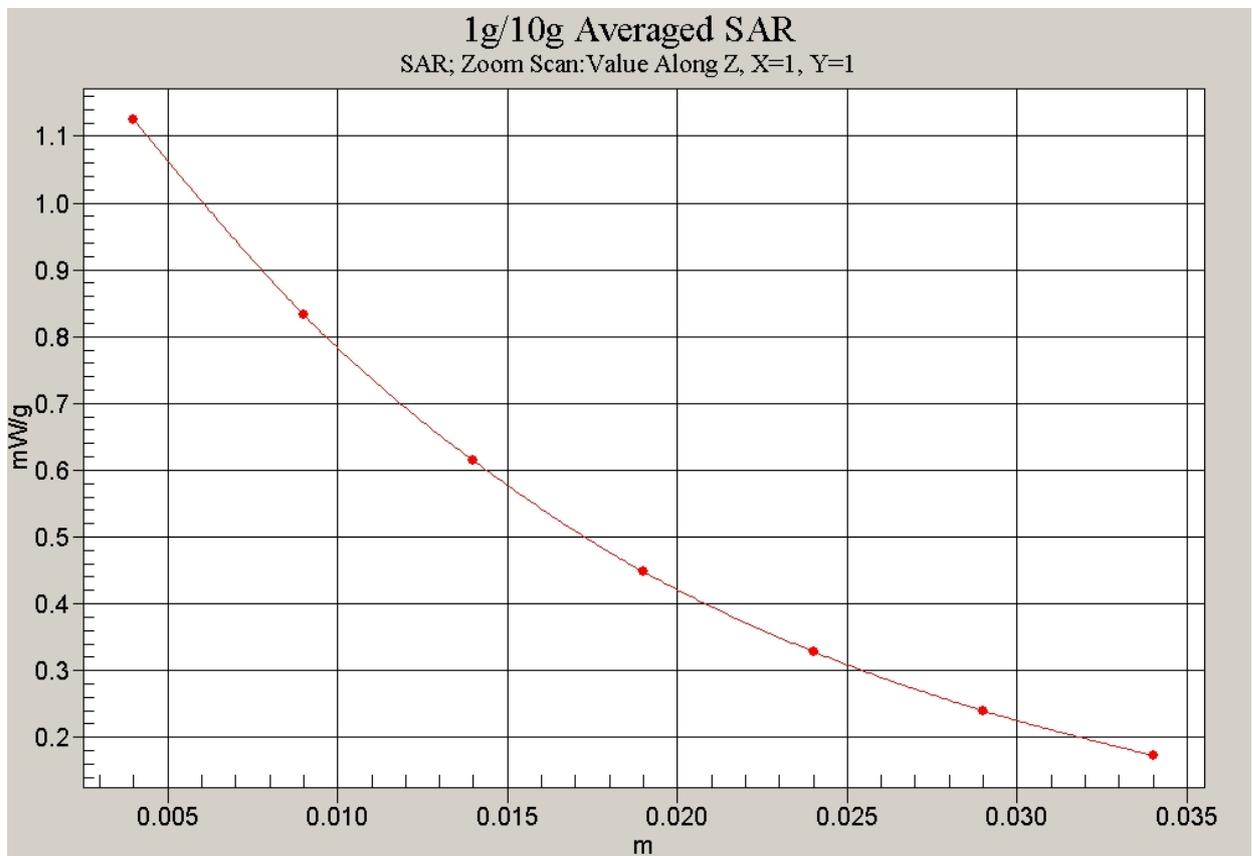**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.5 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.778 mW/g

Maximum value of SAR (measured) = 1.12 mW/g

0 dB = 1.12mW/g

Fig. 209 850MHz Body, Towards Ground with GPRS, CH251-slide up

Fig. 210 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH251-slide up)

850 Body Toward Ground Middle with GPRS-slide up

Date/Time: 2008-3-21 16:20:54

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.971 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C　　　　Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

Toward Ground Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

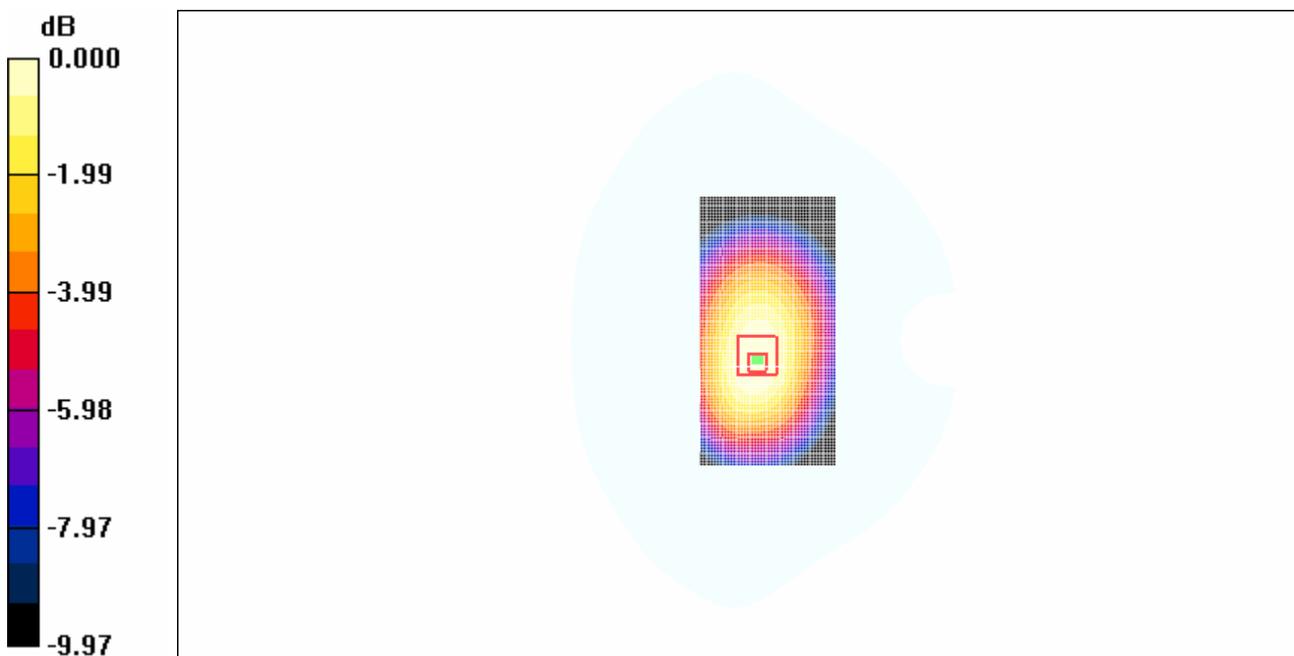Maximum value of SAR (interpolated) = 1.22 mW/g

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

Reference Value = 35.1 V/m; Power Drift = -0.052 dB
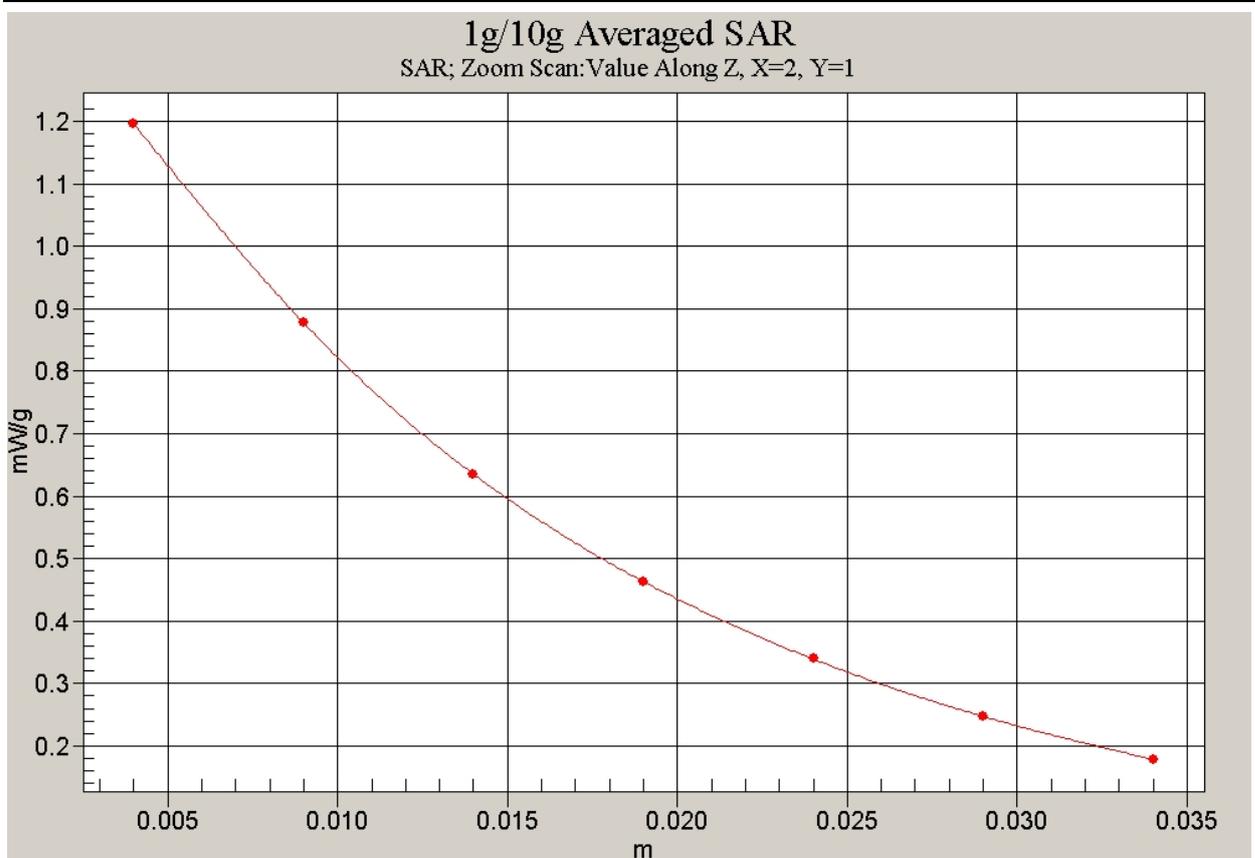
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.822 mW/g

Maximum value of SAR (measured) = 1.20 mW/g

0 dB = 1.20mW/g

Fig. 211 850MHz Body, Towards Ground with GPRS, CH190-slide up

Fig. 212 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH190-slide up)