1900 Body Toward Ground High with GPRS-slide down

Date/Time: 2008-3-22 12:19:36

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m³

Ambient Temperature:23.3°C   Liqiud Temperature: 22.5°C

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.363 mW/g

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

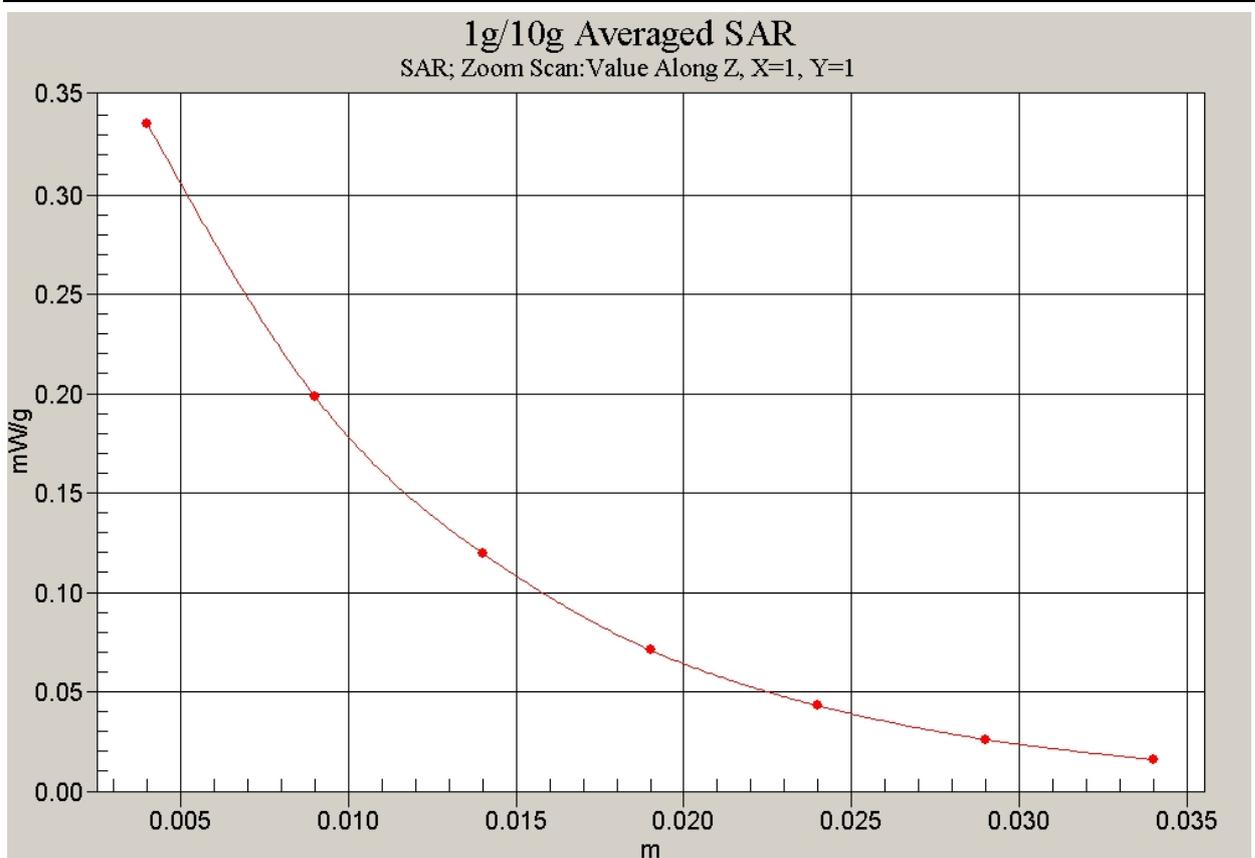Reference Value = 7.78 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.336 mW/g

0 dB = 0.336mW/g

Fig. 273 1900MHz Body, Towards Ground with GPRS, CH810-slide down

Fig. 274 Z-Scan at power reference point
(1900MHz Body, Towards Ground with GPRS, CH810-slide down)

1900 Body Toward Ground Middle with GPRS-slide down

Date/Time: 2008-3-22 12:07:05

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

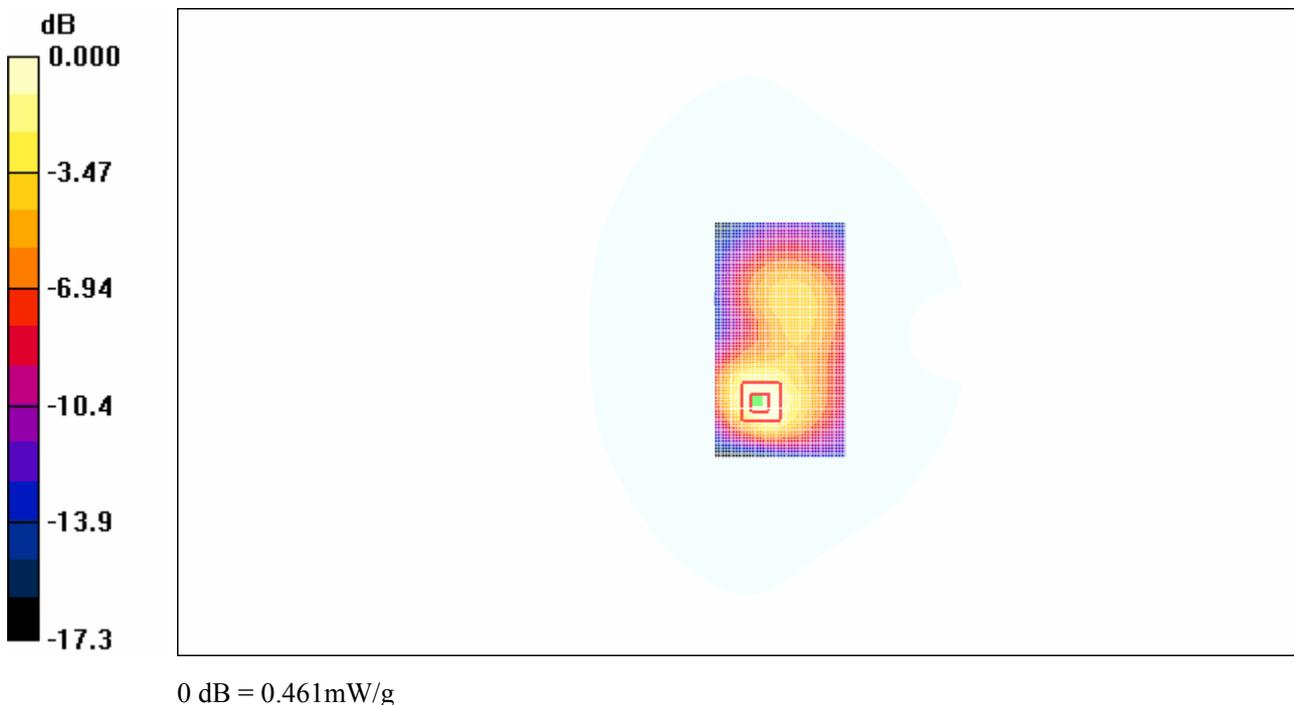Maximum value of SAR (interpolated) = 0.495 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
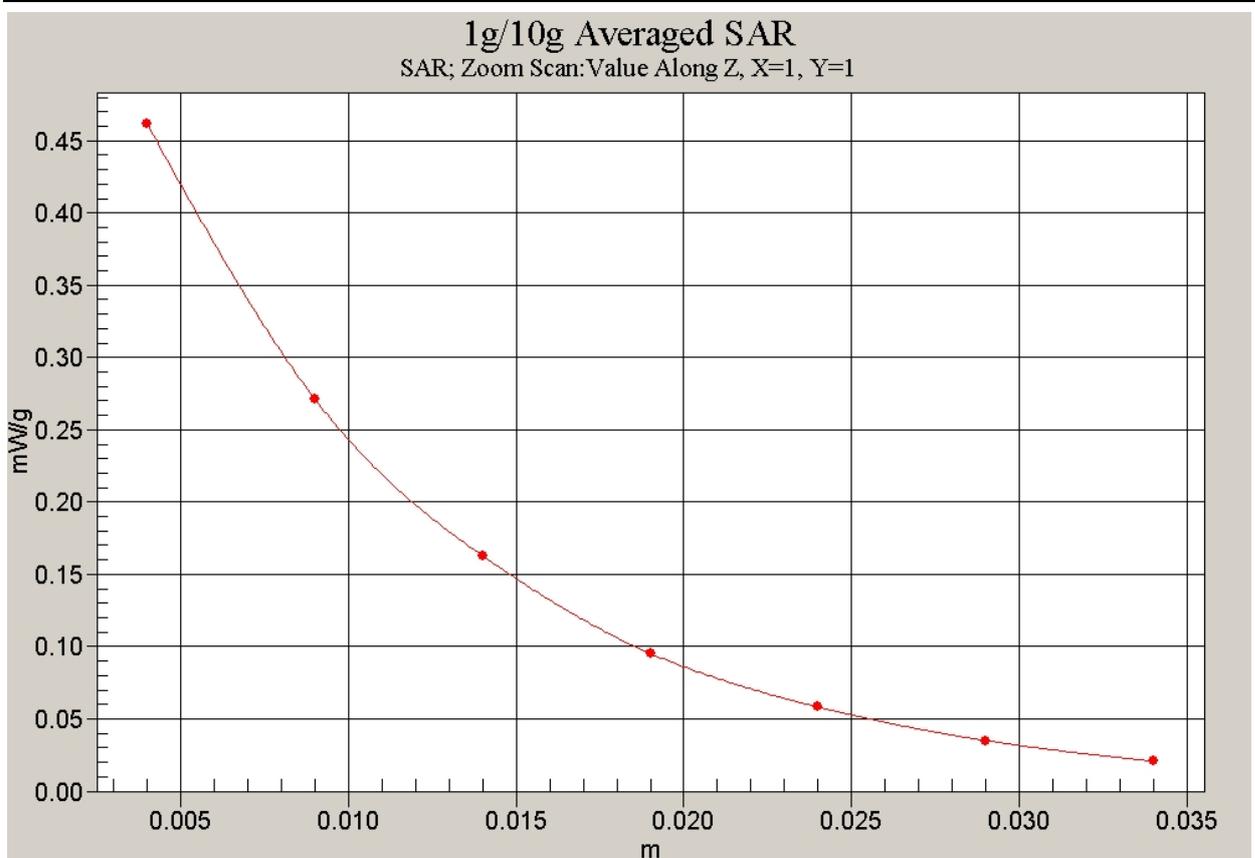
Reference Value = 9.45 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.461 mW/g

0 dB = 0.461mW/g

Fig. 275 1900MHz Body, Towards Ground with GPRS, CH661-slide down

Fig. 276 Z-Scan at power reference point
(1900MHz Body, Towards Ground with GPRS, CH661-slide down)

1900 Body Toward Ground Low with GPRS-slide down

Date/Time: 2008-3-22 11:55:11

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; $ε_r$ = 52.2; ρ = 1000 kg/m^3

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

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

Probe:　ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.573 mW/g

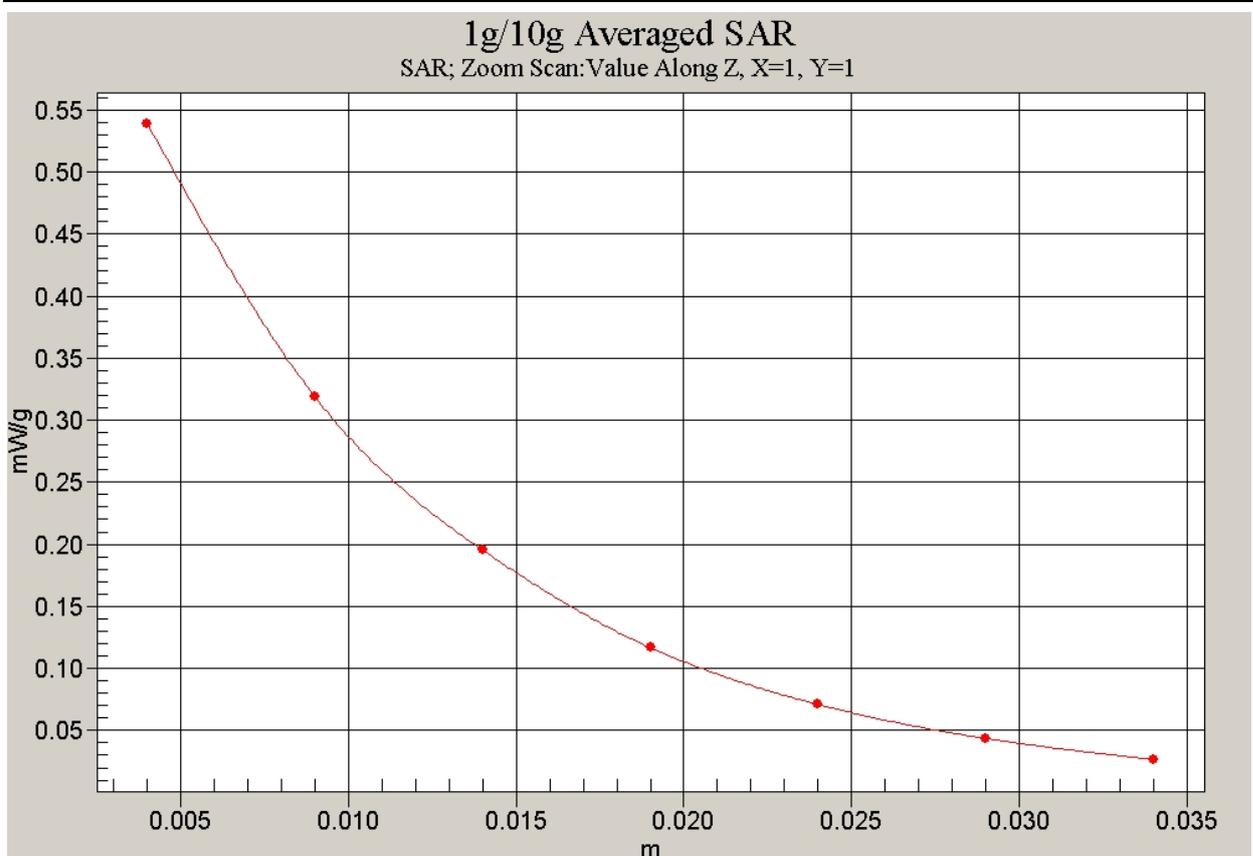**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.539 mW/g

0 dB = 0.539mW/g
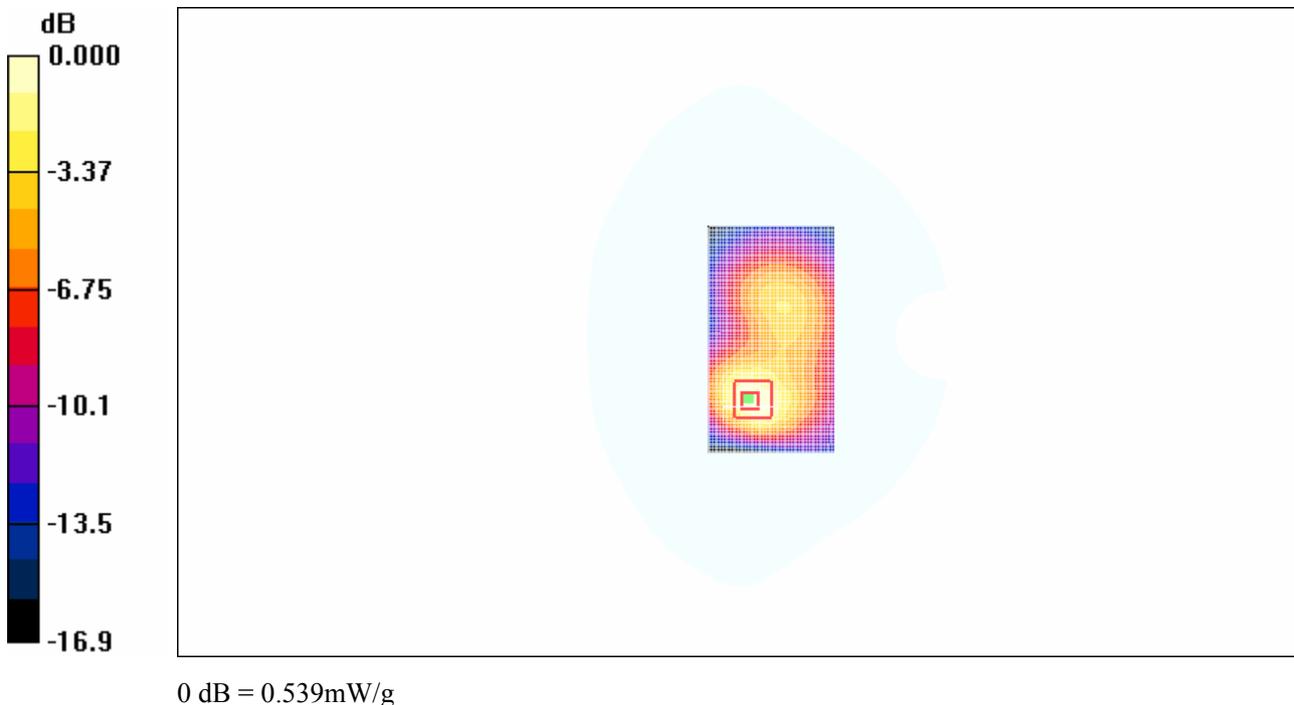
Fig. 277 1900MHz Body, Towards Ground with GPRS, CH512-slide down

Fig. 278 Z-Scan at power reference point
(1900MHz Body, Towards Ground with GPRS, CH512-slide down)

1900 Body Toward Phantom High with GPRS-slide down

Date/Time: 2008-3-22 11:21:40

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

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

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

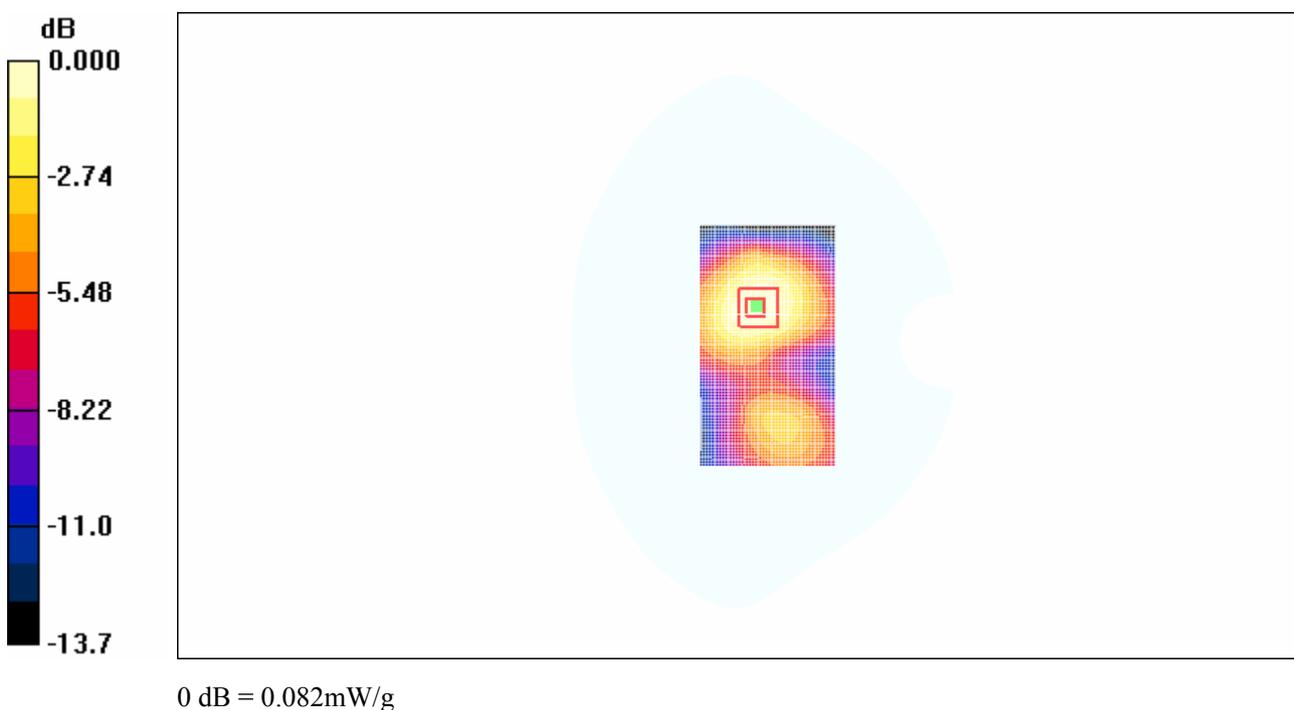Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.081 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
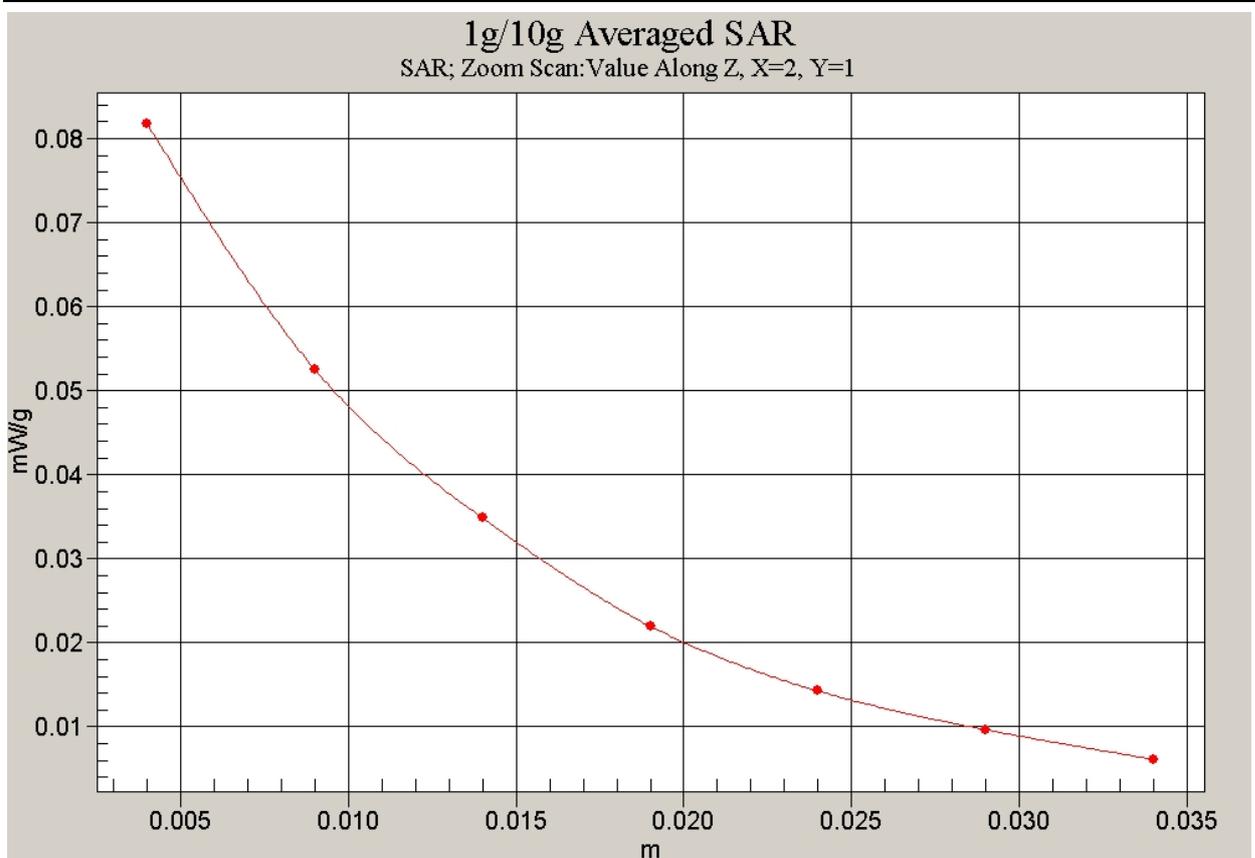
Reference Value = 5.54 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.082 mW/g

0 dB = 0.082mW/g

Fig. 279 1900MHz Body, Towards Phantom with GPRS, CH810-slide down

Fig. 280 Z-Scan at power reference point
(1900MHz Body, Towards Phantom with GPRS, CH810-slide down)

1900 Body Toward Phantom Middle with GPRS-slide down

Date/Time: 2008-3-22 11:32:55

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

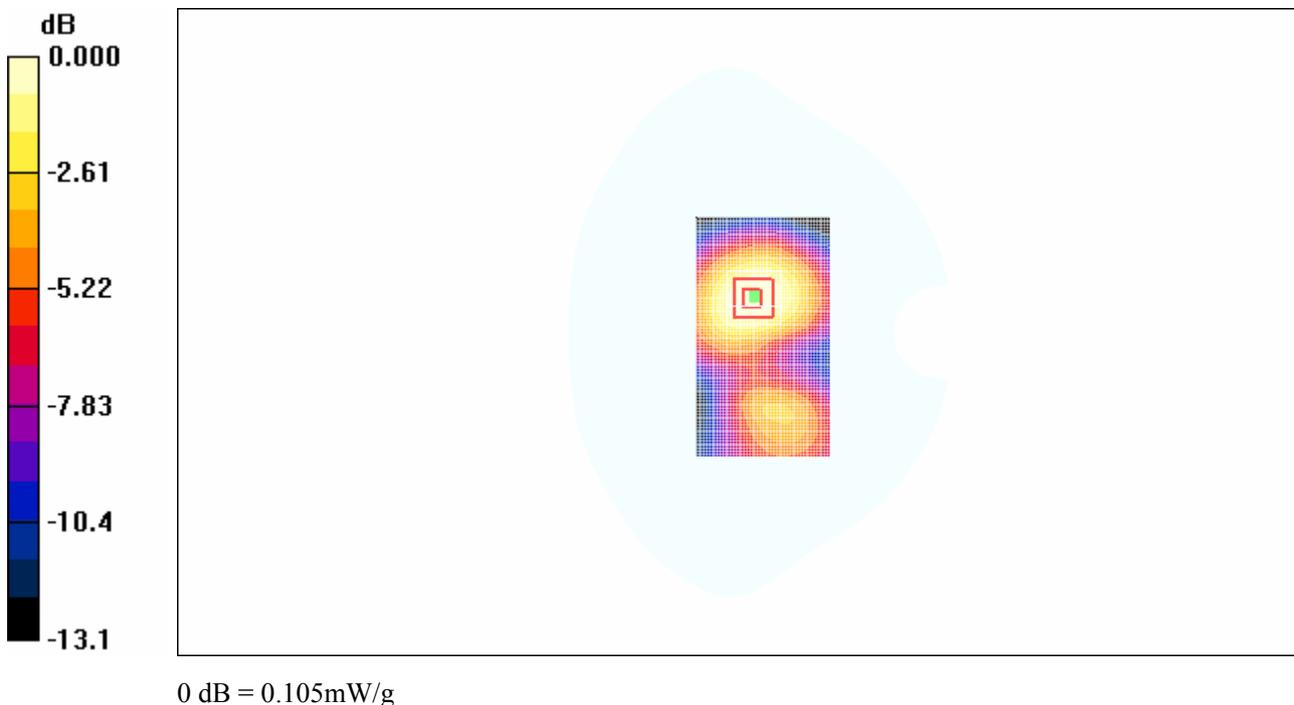Maximum value of SAR (interpolated) = 0.108 mW/g

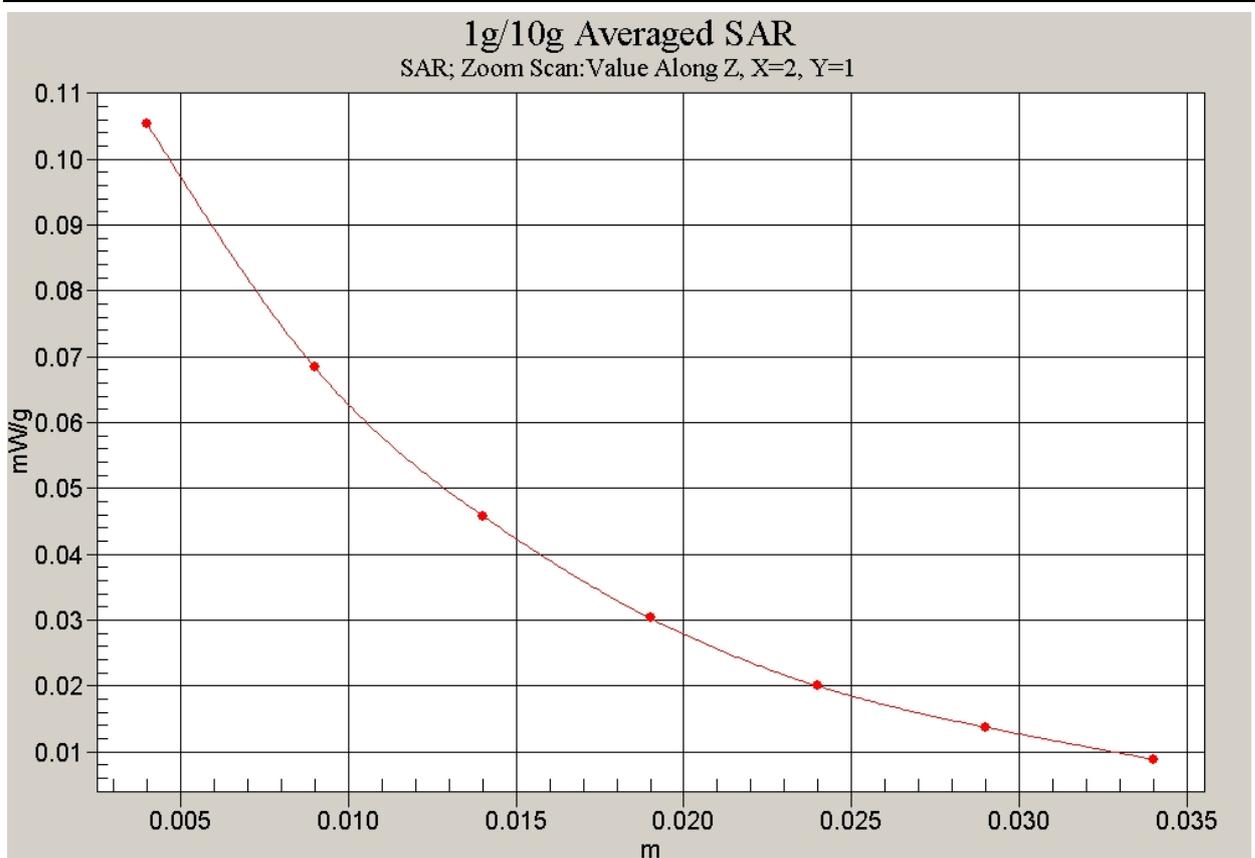**Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.43 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.064 mW/g

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

0 dB = 0.105mW/g

Fig. 281 1900MHz Body, Towards Phantom with GPRS, CH661-slide down

Fig. 282 Z-Scan at power reference point
(1900MHz Body, Towards Phantom with GPRS, CH661-slide down)

1900 Body Toward Phantom Low with GPRS-slide down

Date/Time: 2008-3-22 11:43:07

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.132 mW/g

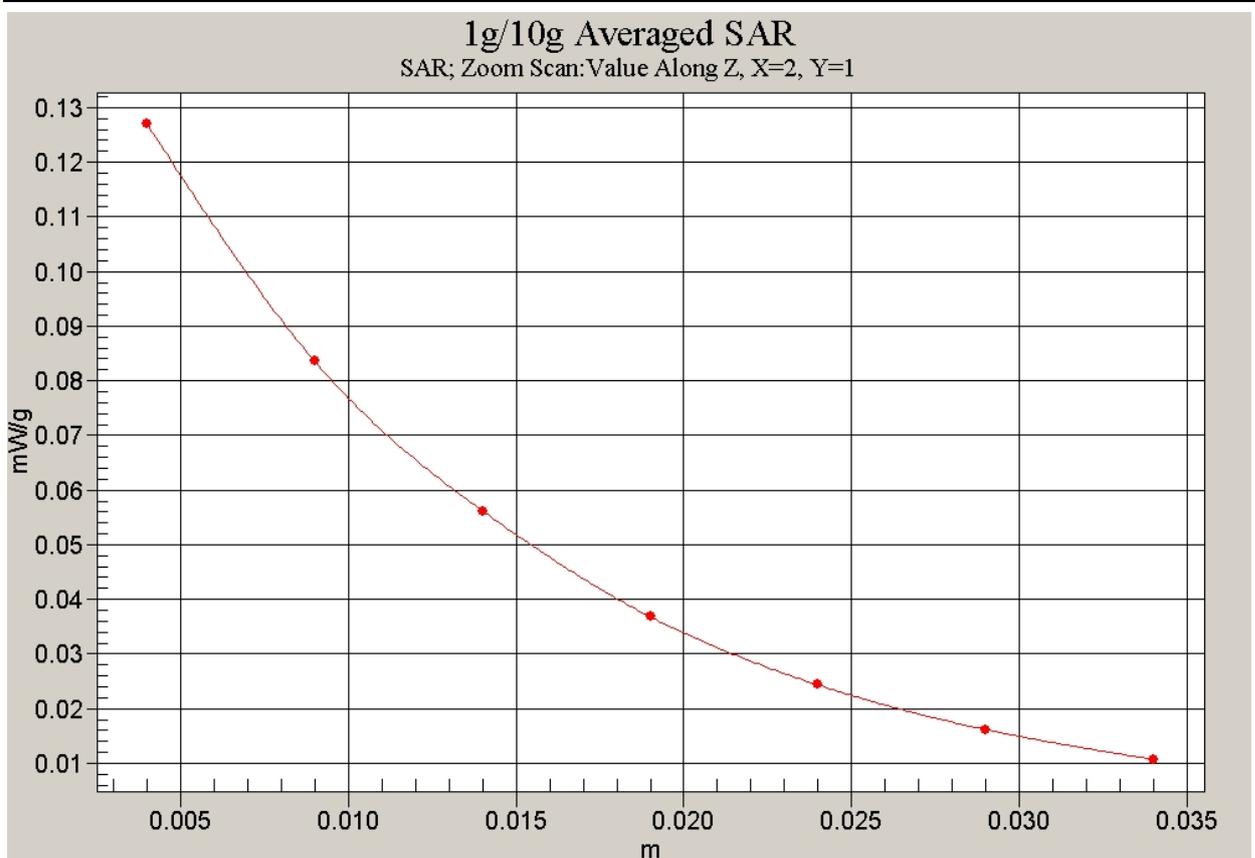**Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.127 mW/g

0 dB = 0.127mW/g
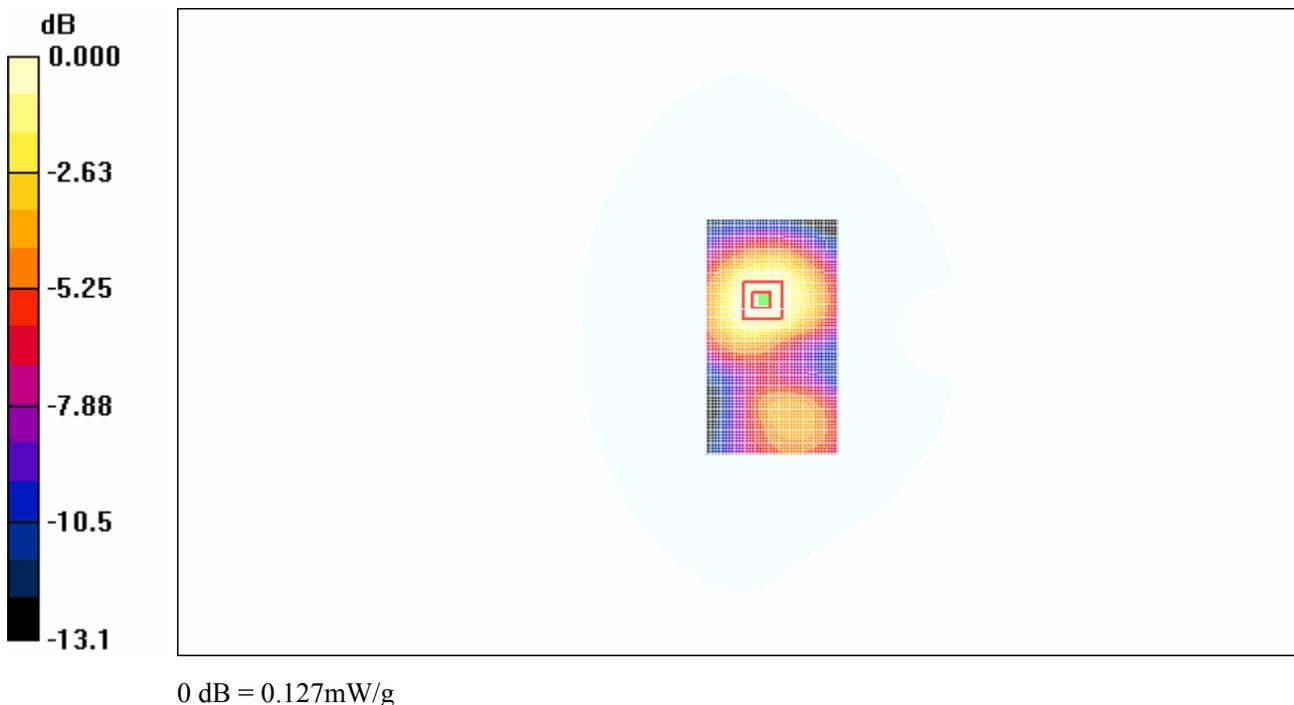
Fig. 283 1900MHz Body, Towards Phantom with GPRS, CH512-slide down

Fig. 284 Z-Scan at power reference point
(1900MHz Body, Towards Phantom with GPRS, CH512-slide down)

1900 Body Toward Ground High with GPRS-slide up

Date/Time: 2008-3-22 12:19:36

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

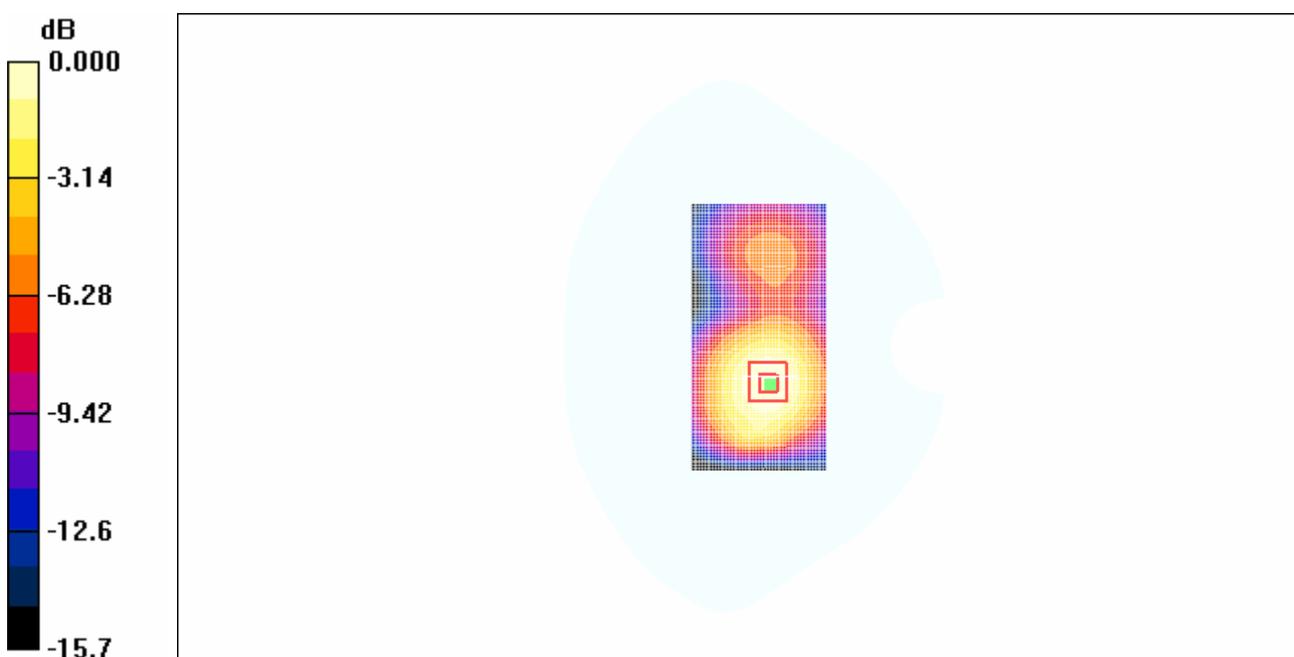Maximum value of SAR (interpolated) = 0.463 mW/g

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

Reference Value = 12.8 V/m; Power Drift = 0.049 dB
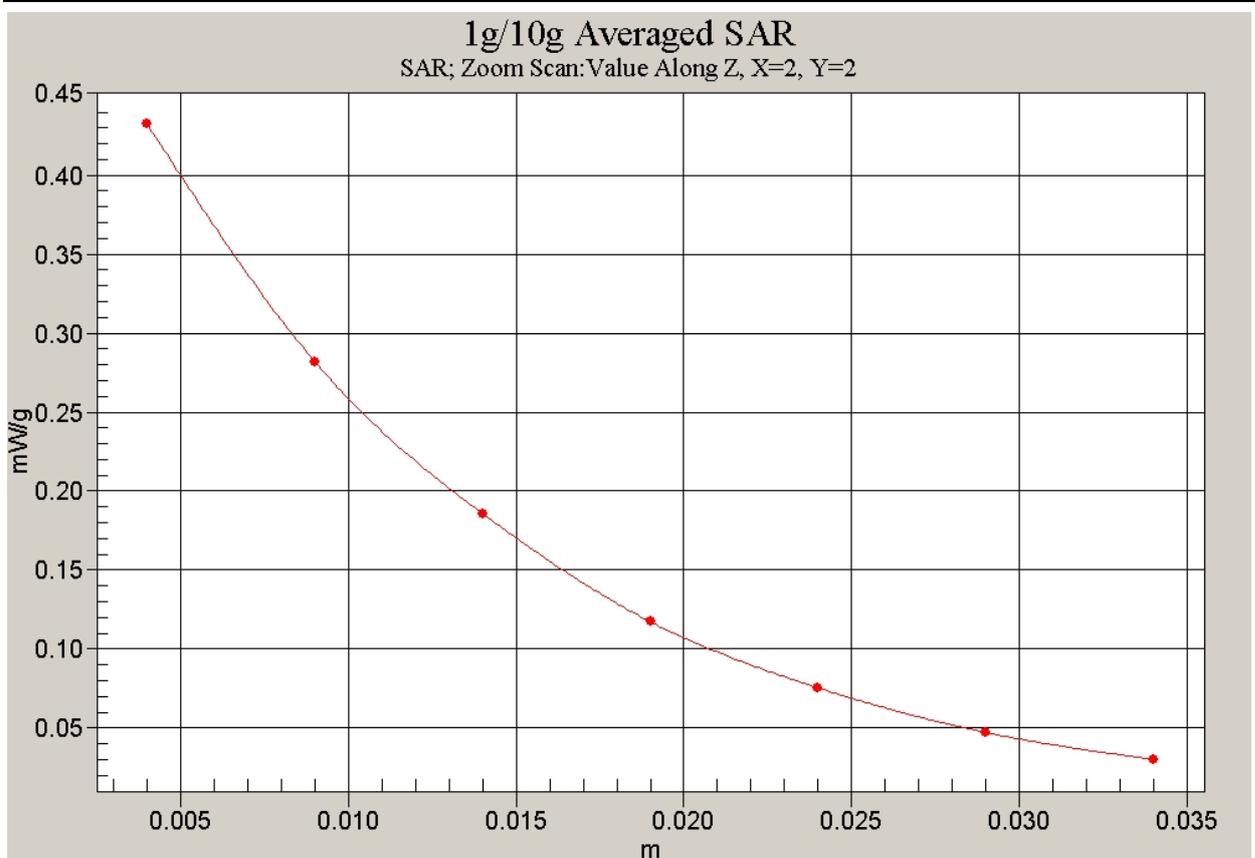
Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.261 mW/g

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

0 dB = 0.432mW/g

Fig. 285 1900MHz Body, Towards Ground with GPRS, CH810-slide up

Fig. 286 Z-Scan at power reference point
(1900MHz Body, Towards Ground with GPRS, CH810-slide up)

1900 Body Toward Ground Middle with GPRS-slide up

Date/Time: 2008-3-22 12:07:05

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

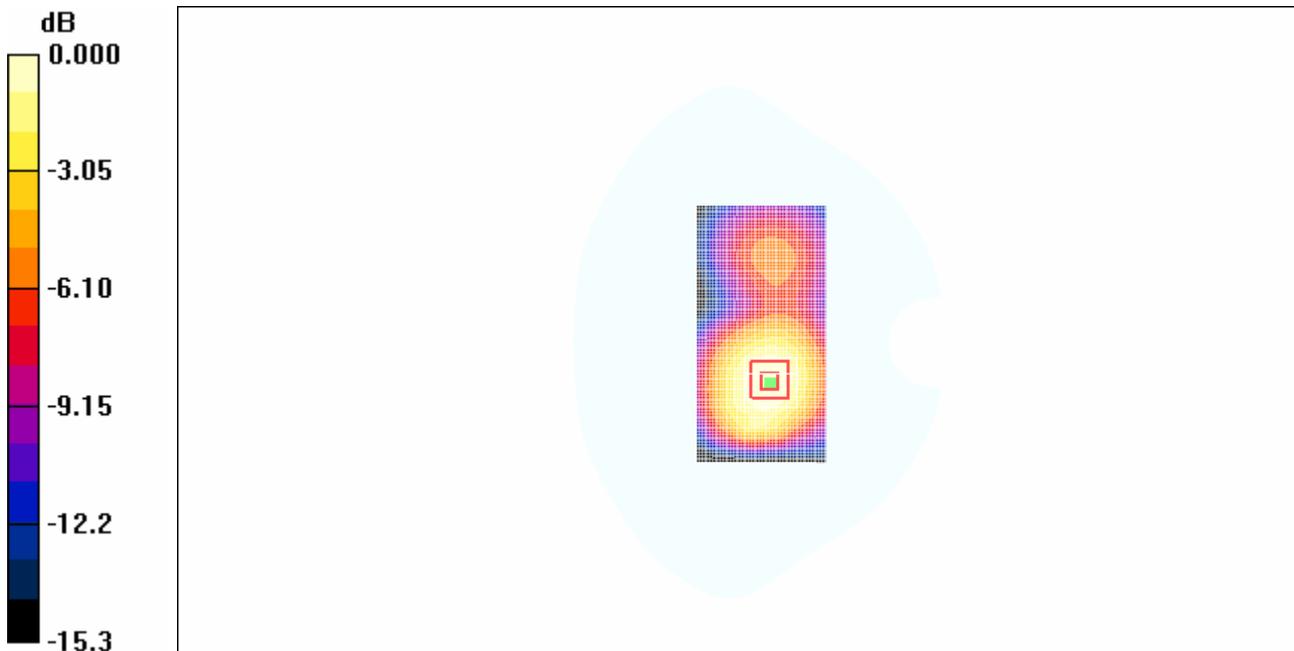Maximum value of SAR (interpolated) = 0.539 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
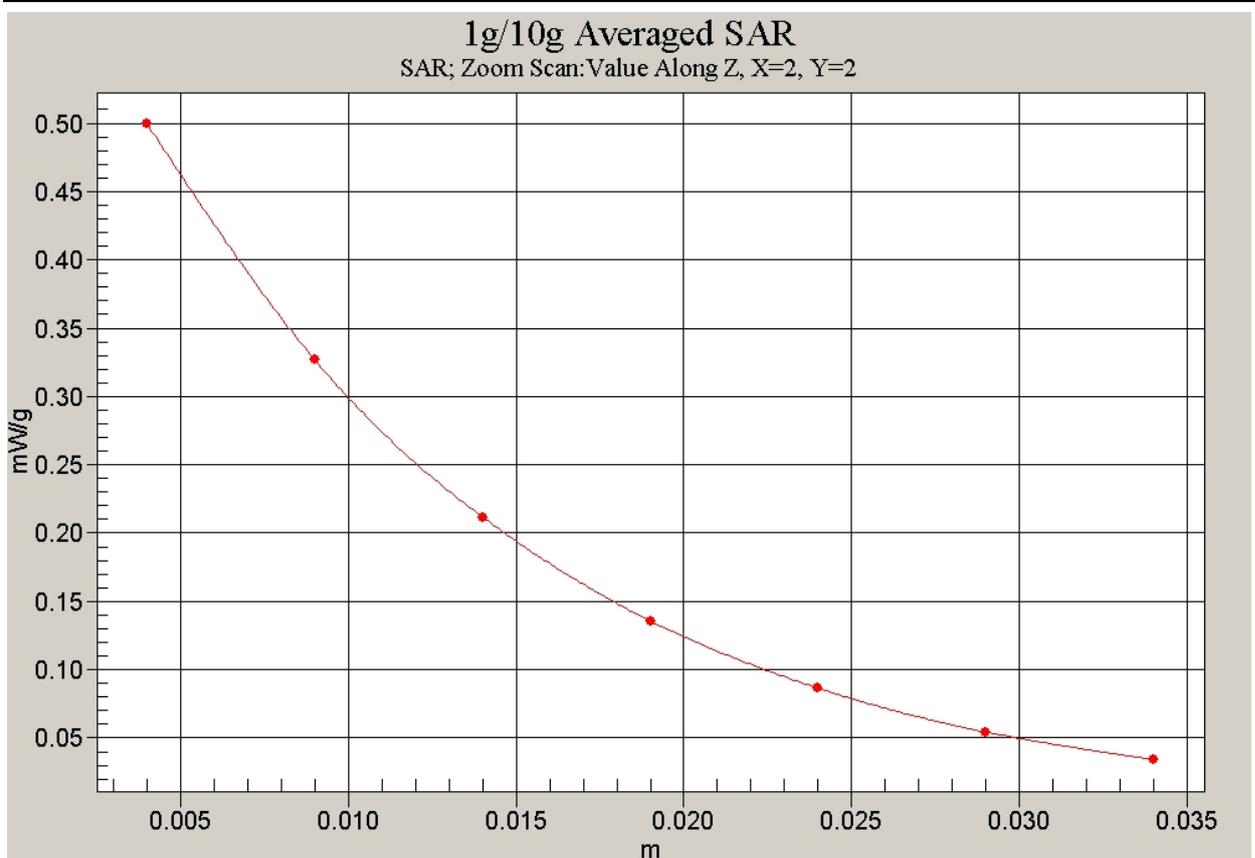
Reference Value = 13.7 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 0.499 mW/g

0 dB = 0.499mW/g

Fig. 287 1900MHz Body, Towards Ground with GPRS, CH661-slide up

Fig. 288 Z-Scan at power reference point
(1900MHz Body, Towards Ground with GPRS, CH661-slide up)

1900 Body Toward Ground Low with GPRS-slide up

Date/Time: 2008-3-22 11:55:11

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; $ε_r$ = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

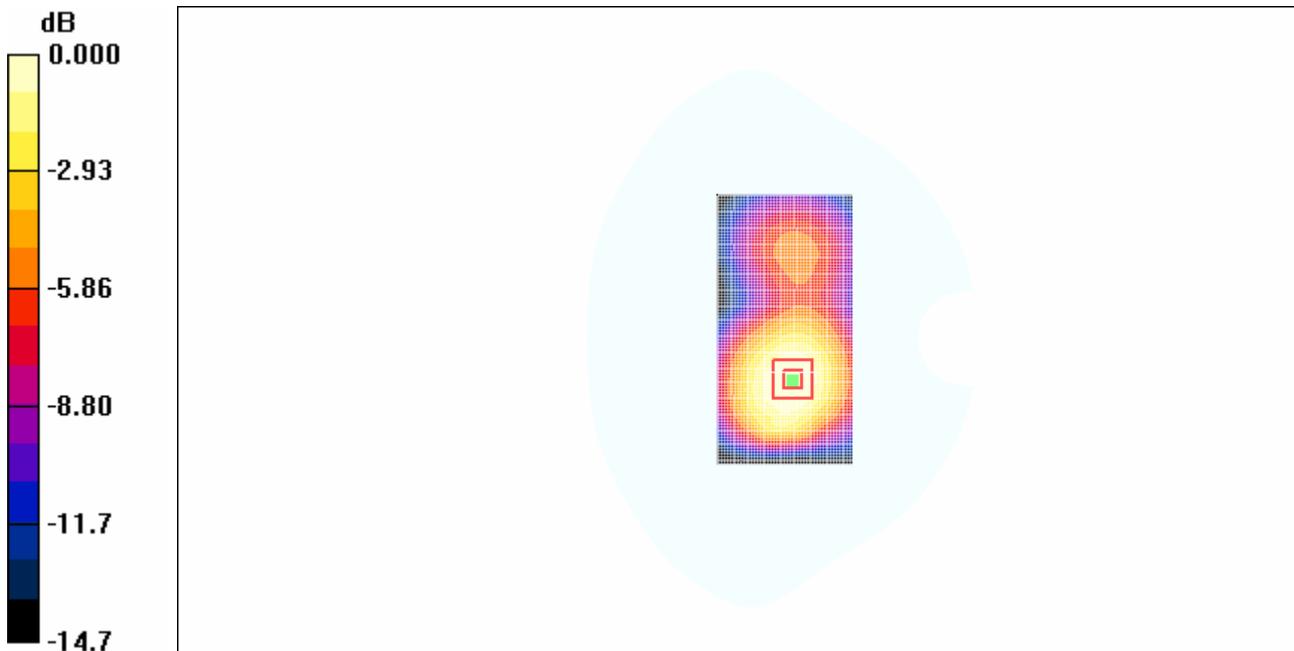Maximum value of SAR (interpolated) = 0.589 mW/g

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

Reference Value = 14.2 V/m; Power Drift = 0.045 dB

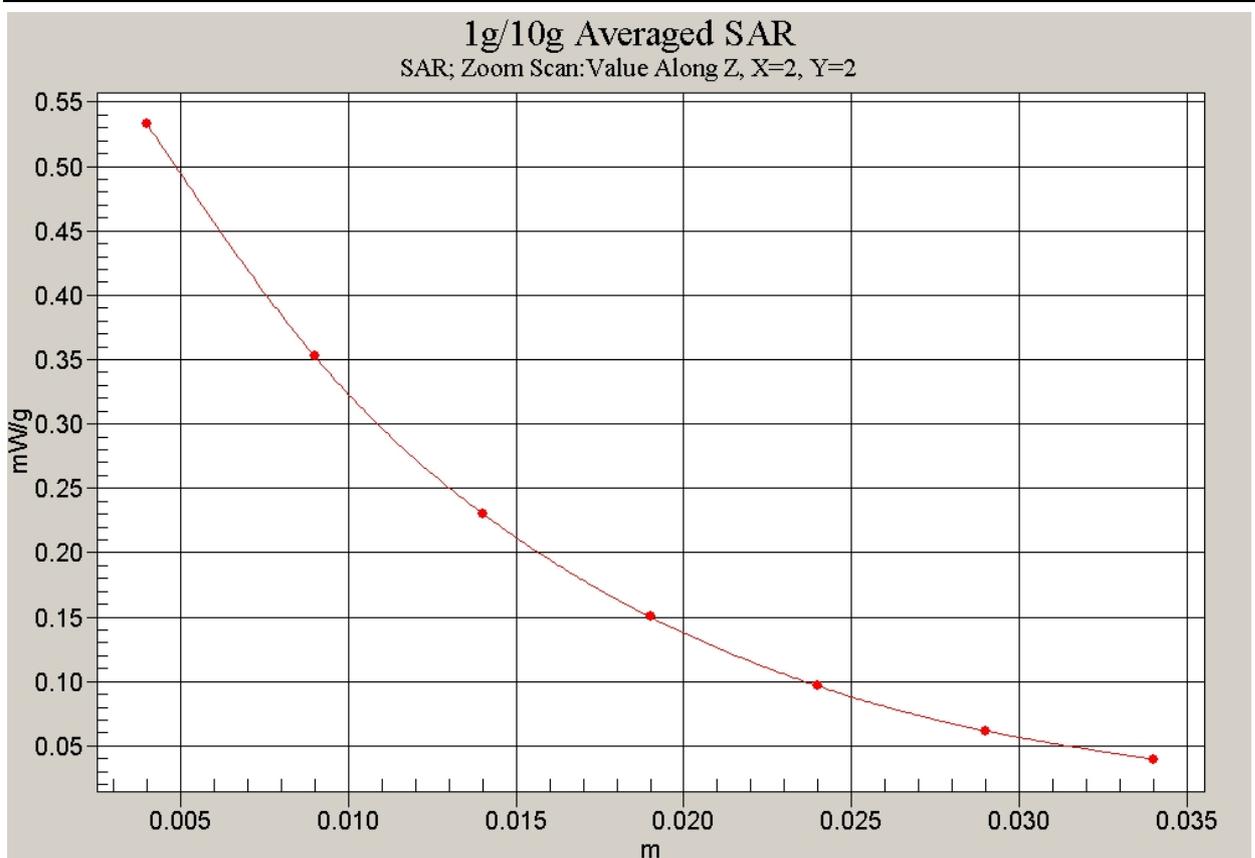Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.533 mW/g

0 dB = 0.533mW/g

Fig. 289 1900MHz Body, Towards Ground with GPRS, CH512-slide up

Fig. 290 Z-Scan at power reference point
(1900MHz Body, Towards Ground with GPRS, CH512-slide up)

1900 Body Toward Phantom High with GPRS-slide up

Date/Time: 2008-3-22 11:21:40

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.5 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

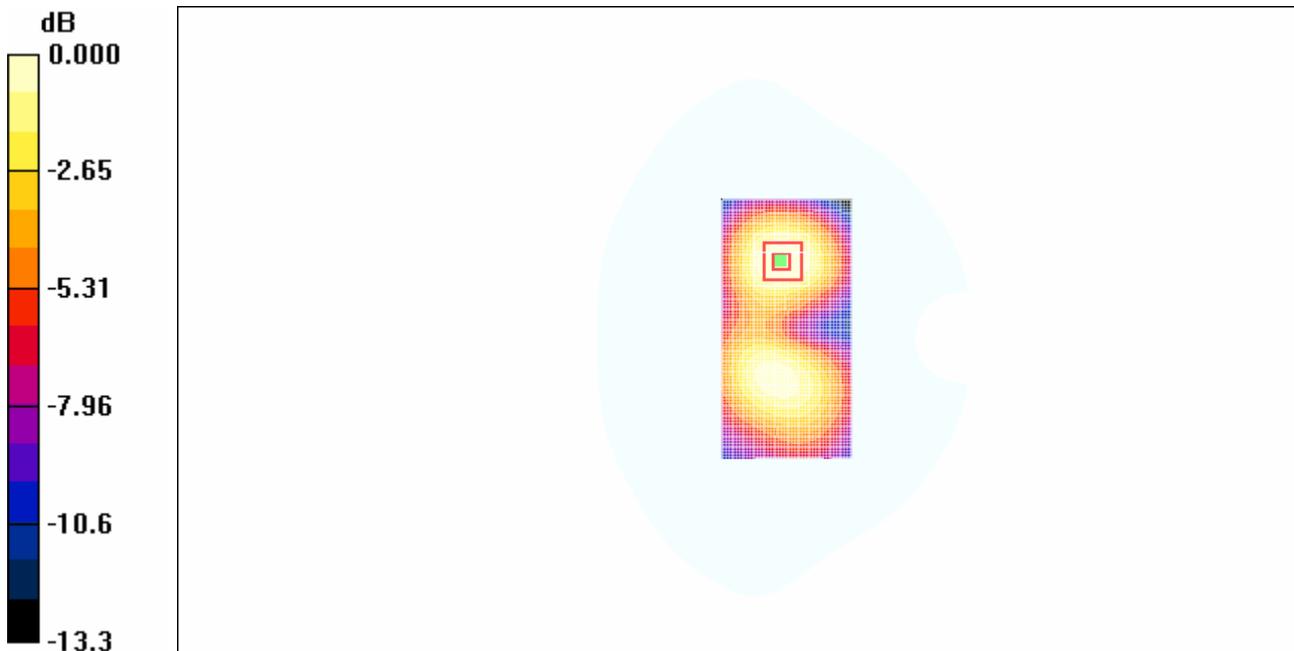Maximum value of SAR (interpolated) = 0.154 mW/g

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

Reference Value = 5.96 V/m; Power Drift = 0.200 dB
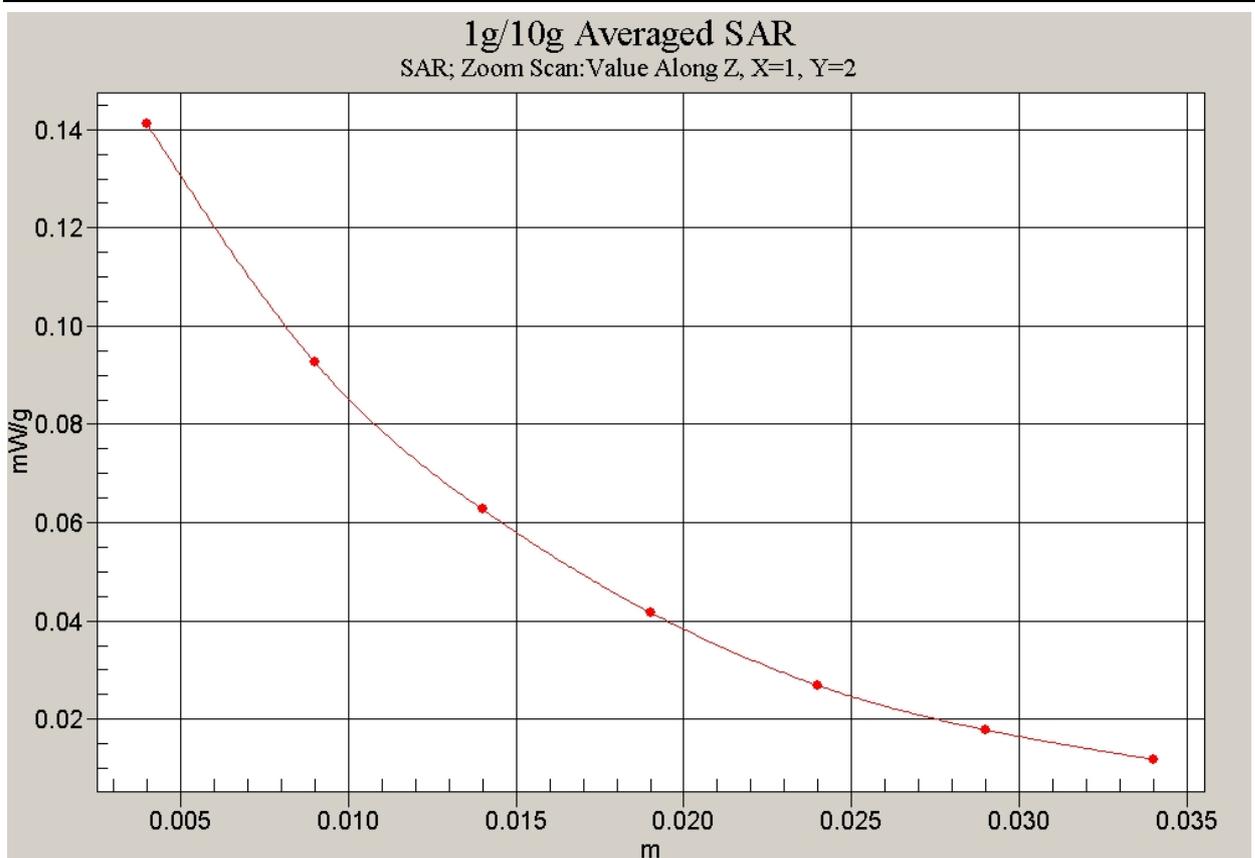
Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.141 mW/g

0 dB = 0.141mW/g

Fig. 291 1900MHz Body, Towards Phantom with GPRS, CH810-slide up

Fig. 292 Z-Scan at power reference point
(1900MHz Body, Towards Phantom with GPRS, CH810-slide up)

1900 Body Toward Phantom Middle with GPRS-slide up

Date/Time: 2008-3-22 11:32:55

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

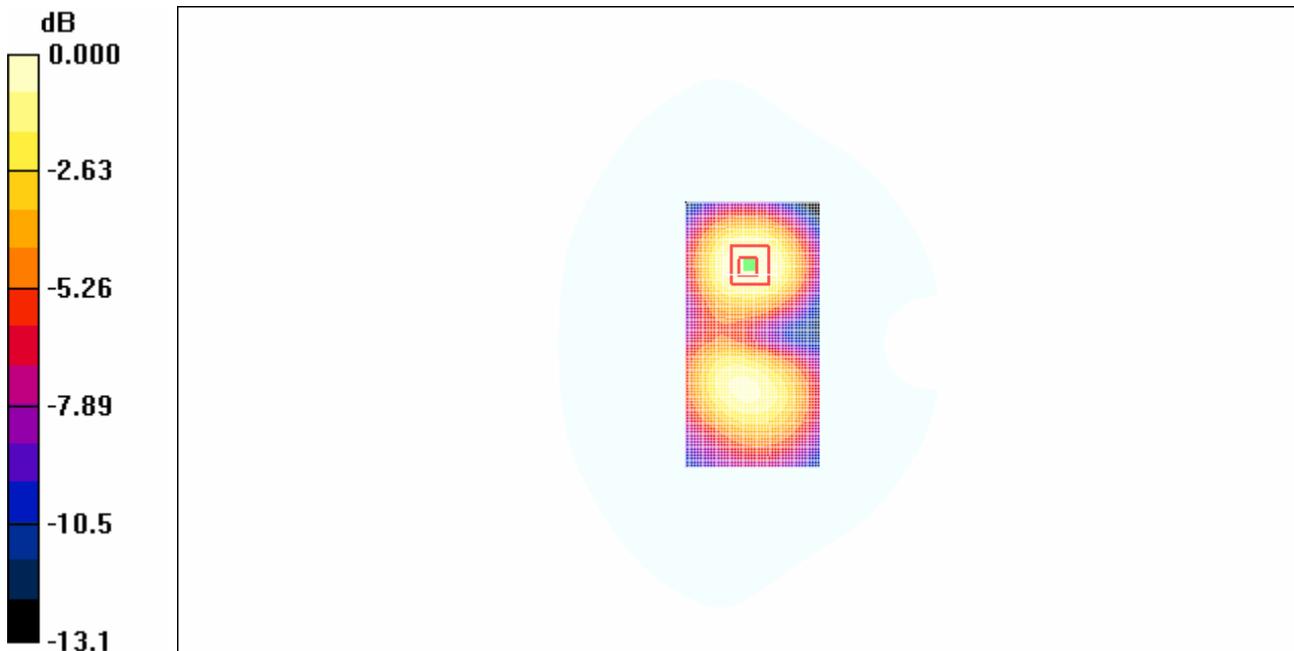Maximum value of SAR (interpolated) = 0.212 mW/g

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

Reference Value = 6.53 V/m; Power Drift = 0.200 dB
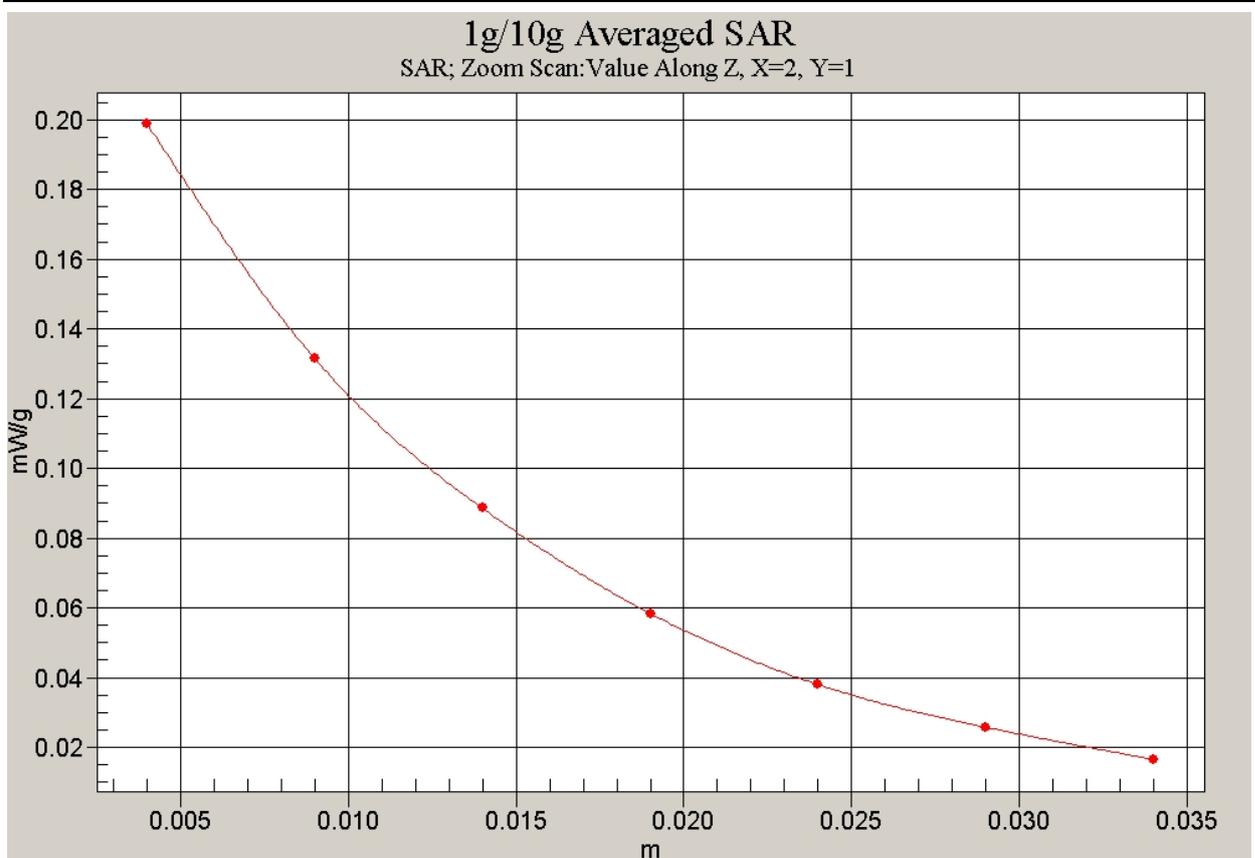
Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.199 mW/g

0 dB = 0.199mW/g

Fig. 293 1900MHz Body, Towards Phantom with GPRS, CH661-slide up

Fig. 294 Z-Scan at power reference point
(1900MHz Body, Towards Phantom with GPRS, CH661-slide up)

1900 Body Toward Phantom Low with GPRS-slide up

Date/Time: 2008-3-22 11:43:07

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

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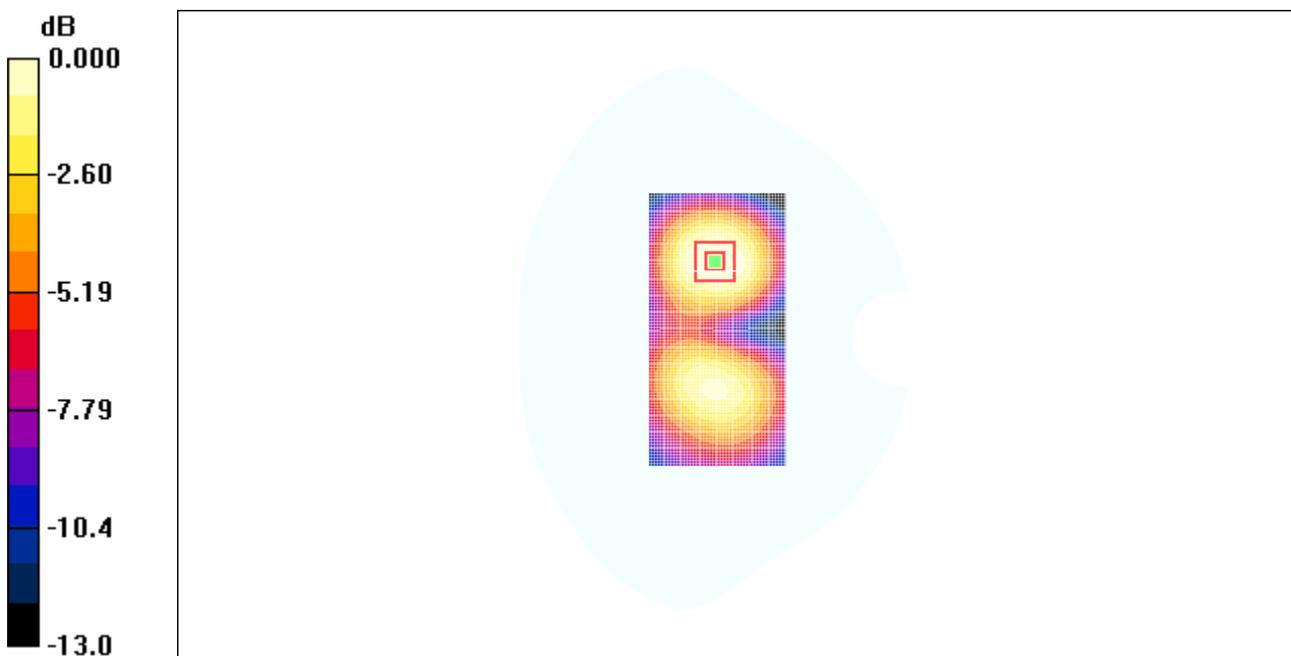

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.65 V/m; Power Drift = 0.097 dB
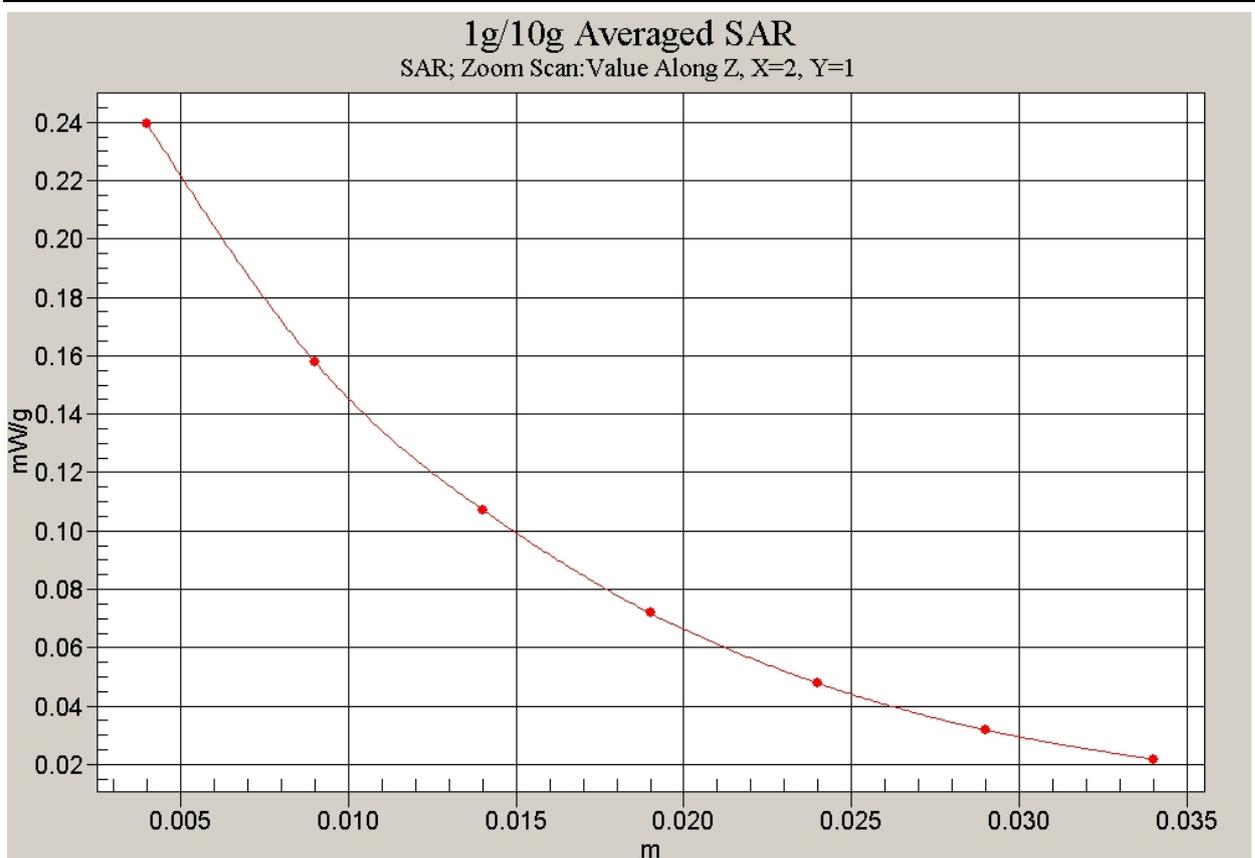
Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.151 mW/g

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

0 dB = 0.239mW/g

Fig. 295 1900MHz Body, Towards Phantom with GPRS, CH512-slide up

Fig. 296 Z-Scan at power reference point
(1900MHz Body, Towards Phantom with GPRS, CH512-slide up)

1900 Body Toward Ground Low with EGPRS-slide up

Date/Time: 2008-3-22 12:35:34

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 mho/m; ϵ_r = 52.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.325 mW/g

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

Reference Value = 9.01 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.311 mW/g

0 dB = 0.311mW/g

Fig. 297 1900MHz Body, Towards Ground with EGPRS, CH512-slide up