

1900 Right Tilt High

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used: $\sigma = 1.45$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3

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

Tilt High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.672 mW/g

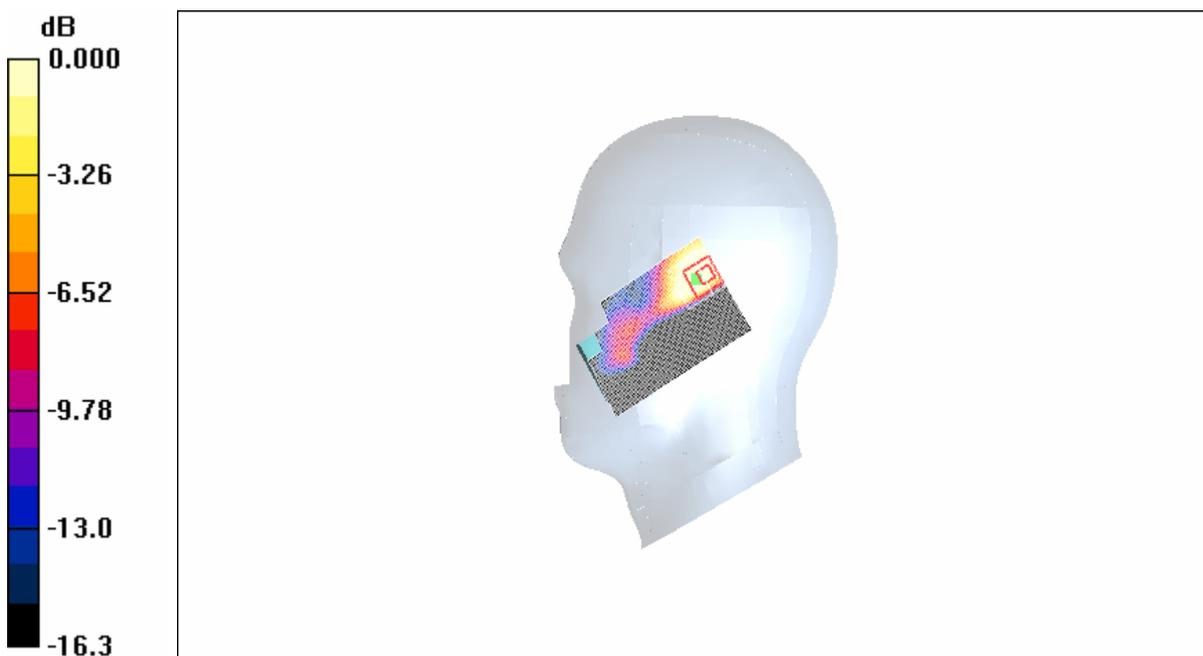
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.21 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.264 mW/g

**Fig. 19 Right Hand Tilt 15°PCS 1900MHz CH810**

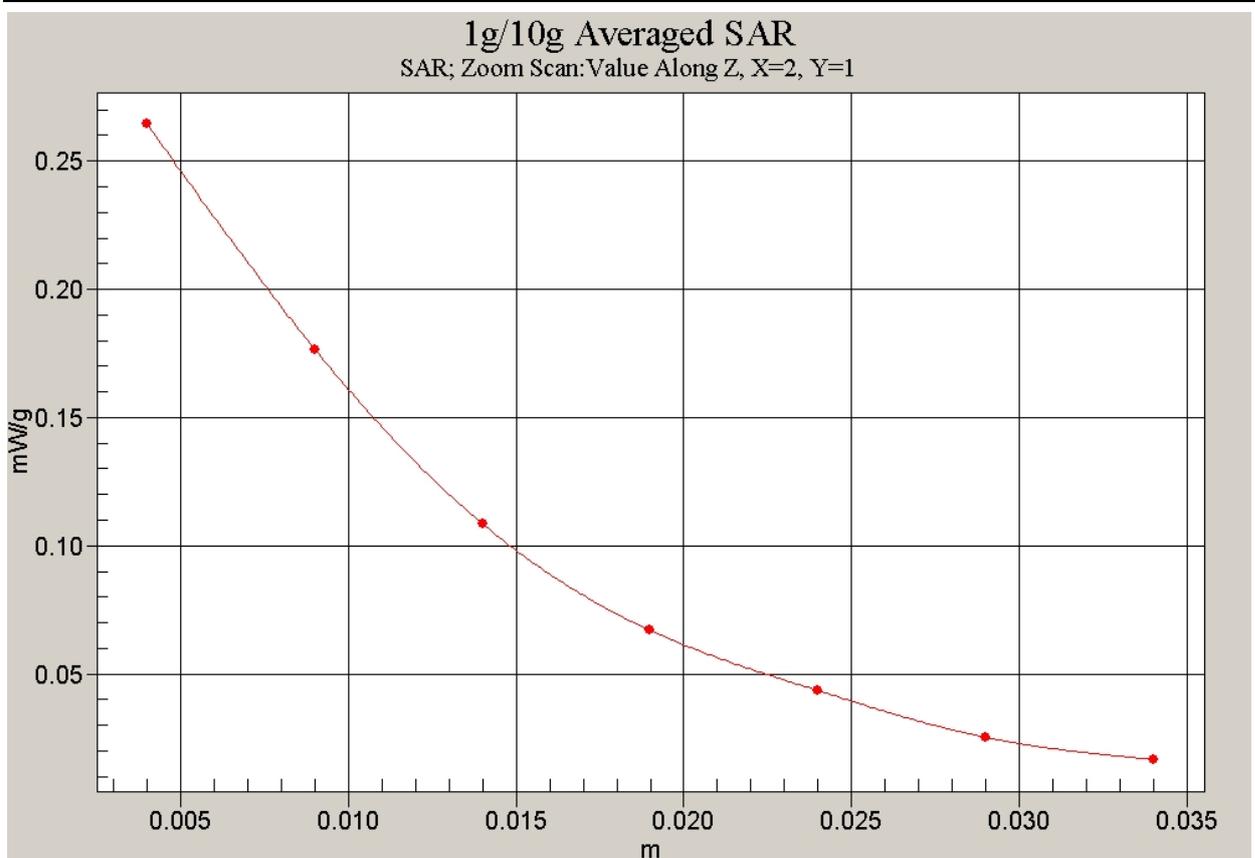


Fig. 20 Z-Scan at power reference point (PCS 1900MHz CH810)

1900 Right Tilt Middle

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used: $\sigma = 1.45$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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

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

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

Tilt Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.298 mW/g

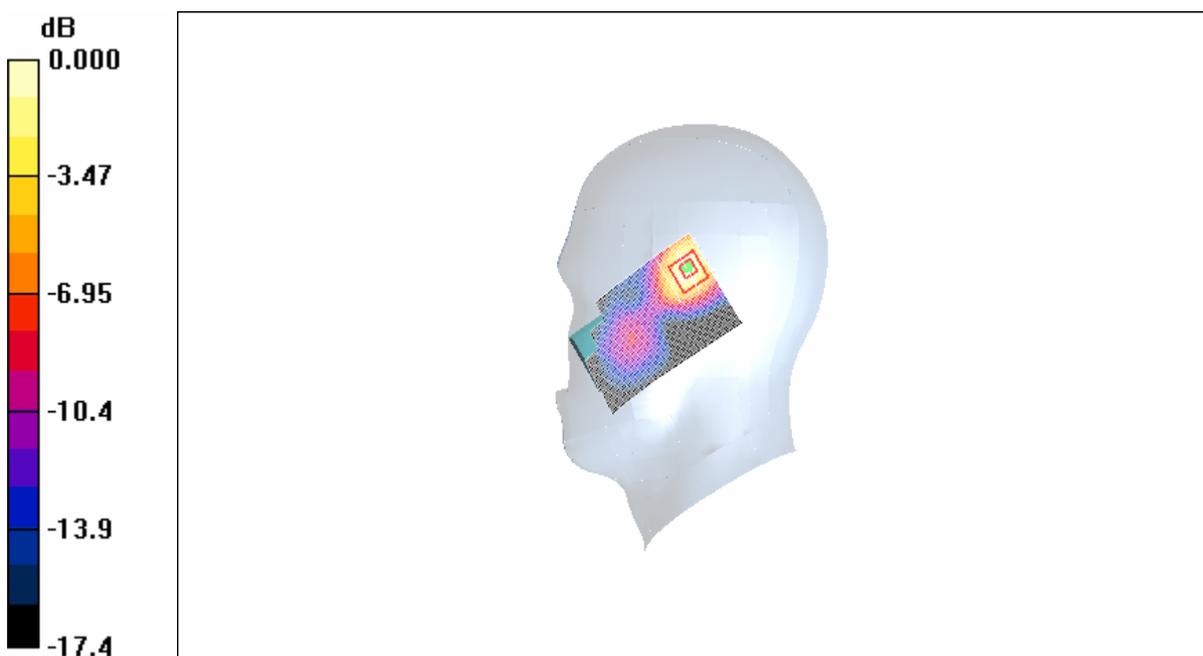
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.11 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.296mW/g

Fig. 21 Right Hand Tilt 15°PCS 1900MHz CH661

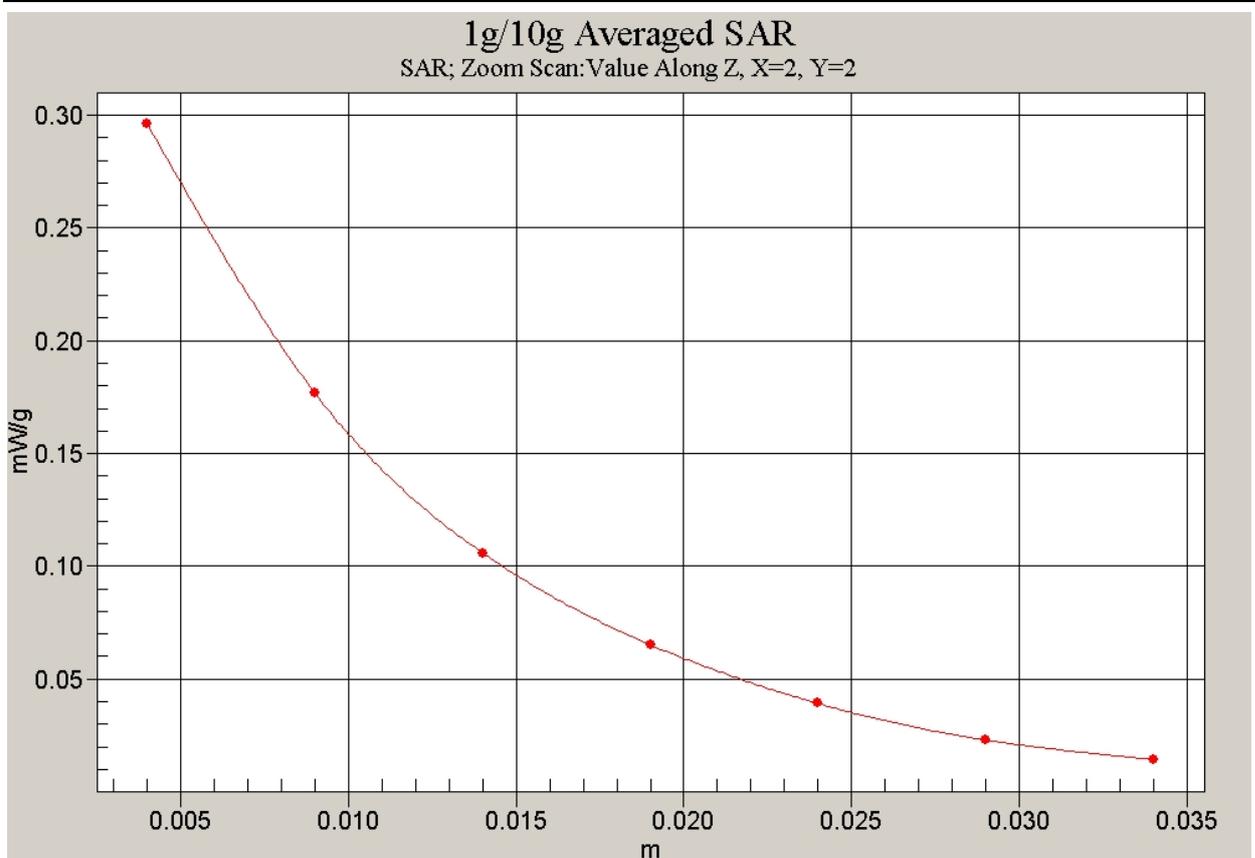


Fig. 22 Z-Scan at power reference point (PCS 1900MHz CH661)

1900 Right Tilt Low

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used: $\sigma = 1.45$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

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

Tilt Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

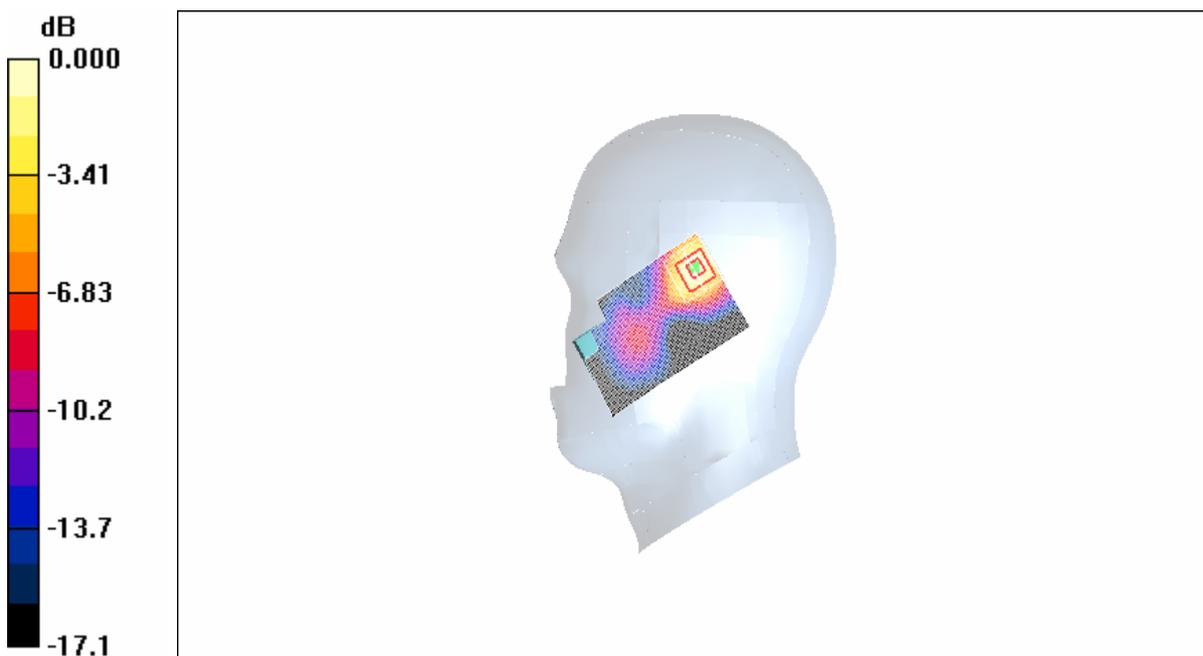
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.08 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.211 mW/g

**Fig. 23 Right Hand Tilt 15°PCS 1900MHz CH512**

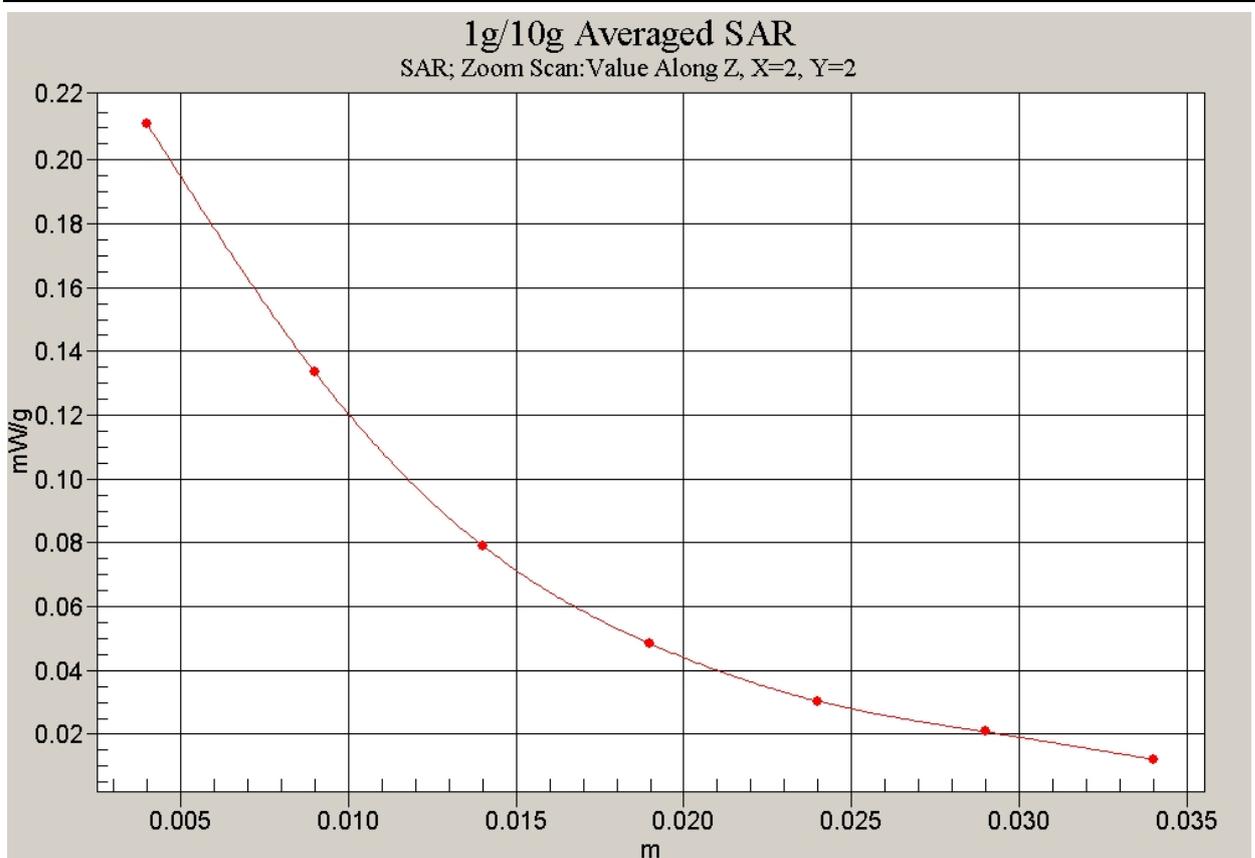


Fig. 24 Z-Scan at power reference point (PCS 1900MHz CH512)

1900 Body Toward Ground High

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $\sigma = 1.55$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

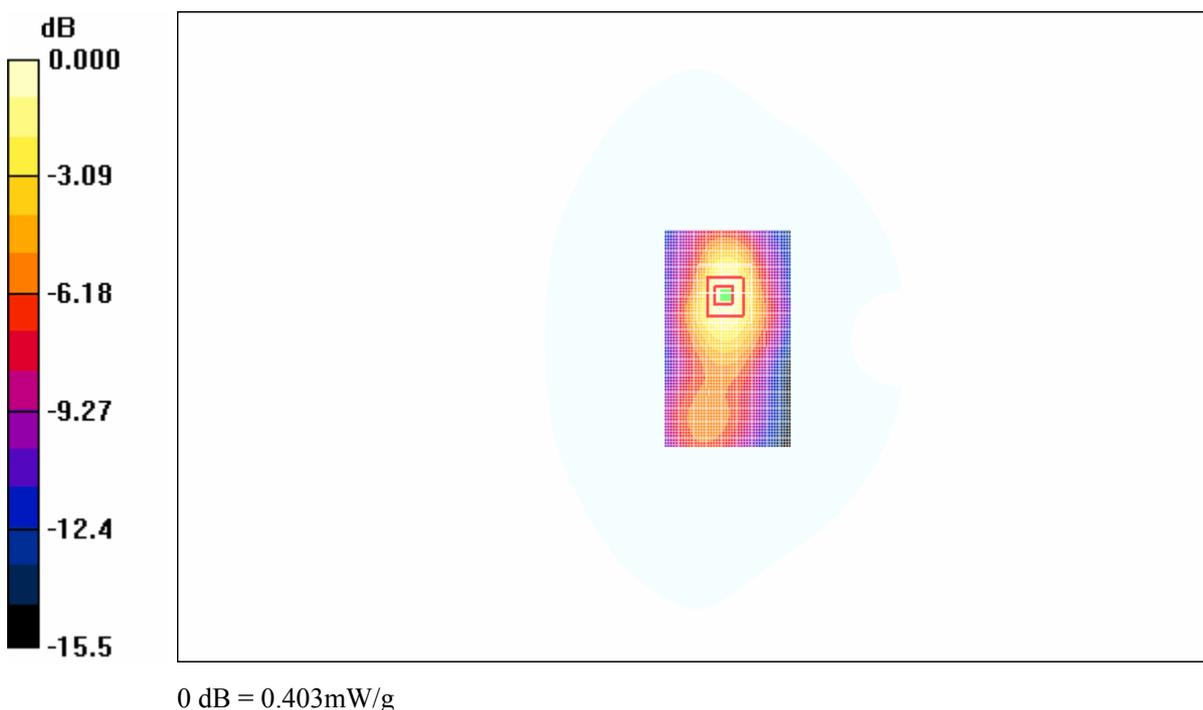
Toward Ground High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.422 mW/g**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.403 mW/g

**Fig. 25 PCS 1900MHz, Body, Towards Ground, CH810**

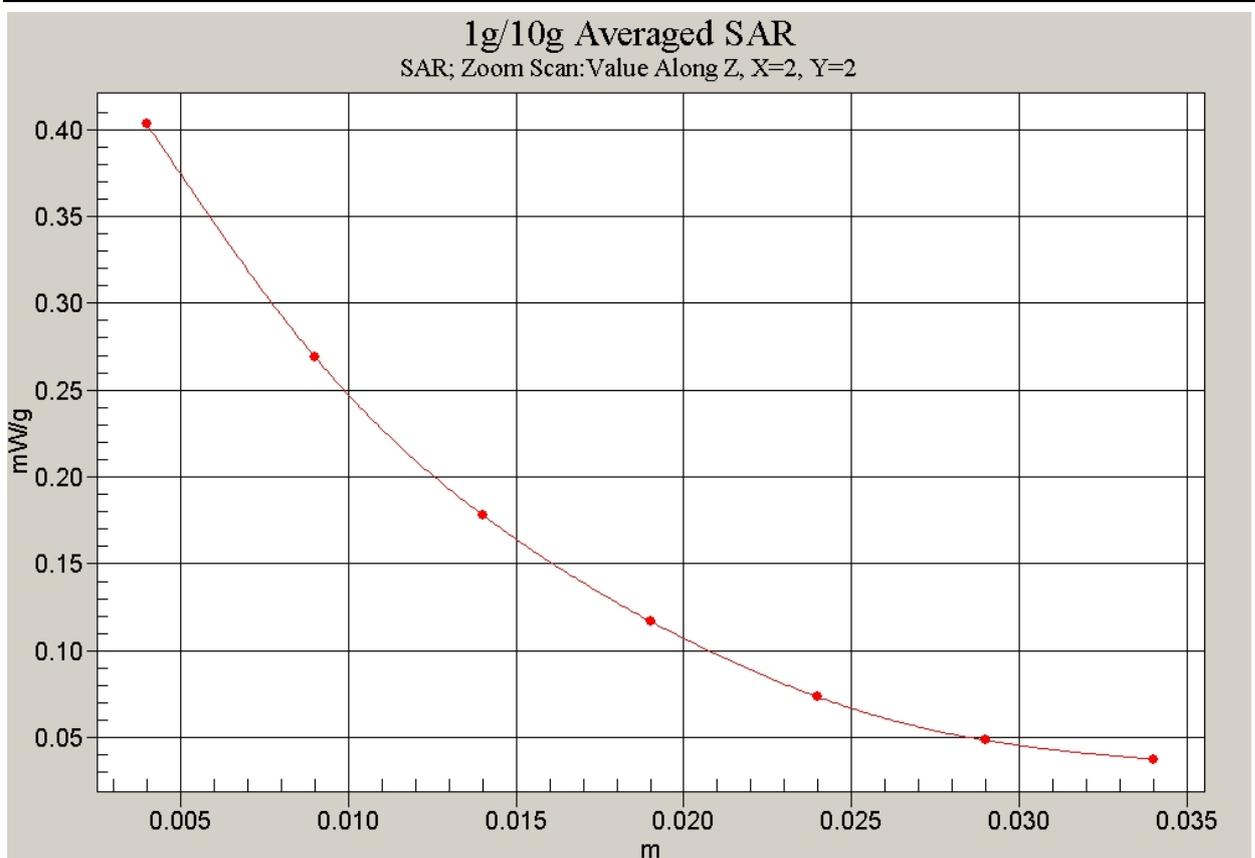


Fig. 26 Z-Scan at power reference point (PCS 1900MHz, Body Towards Ground, CH810)

1900 Body Toward Ground Middle

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $\sigma = 1.55$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.338 mW/g

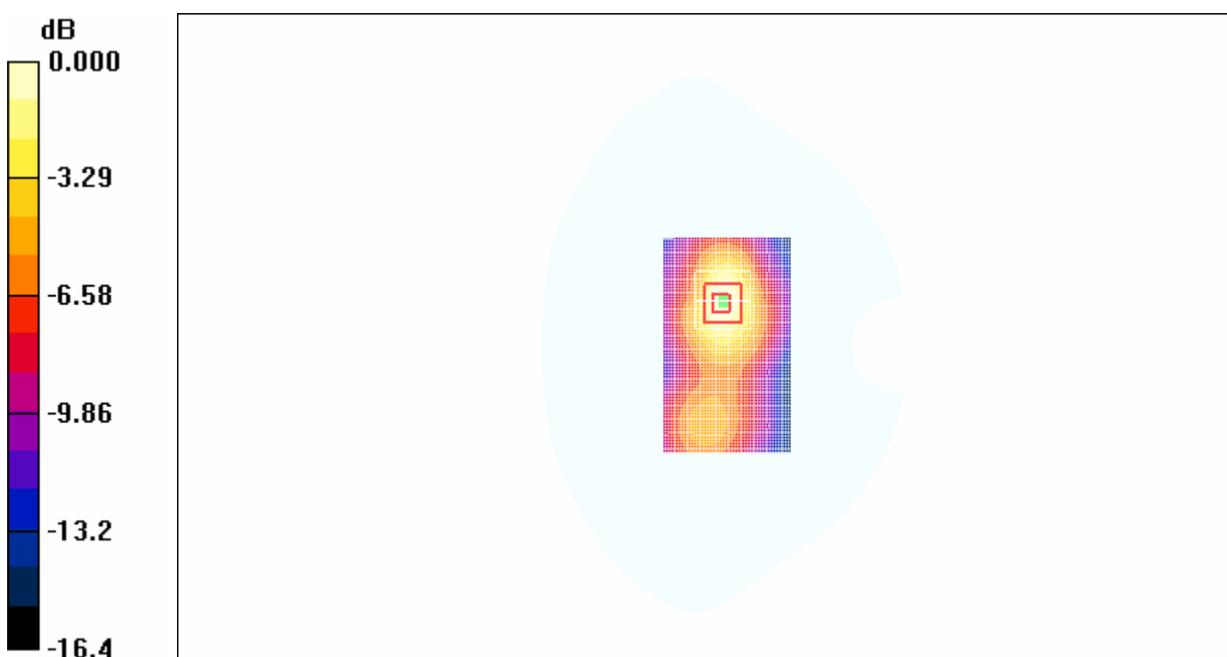
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.178 mW/g

Maximum value of SAR (measured) = 0.324 mW/g



0 dB = 0.324mW/g

Fig. 27 PCS 1900MHz, Body, Towards Ground, CH661

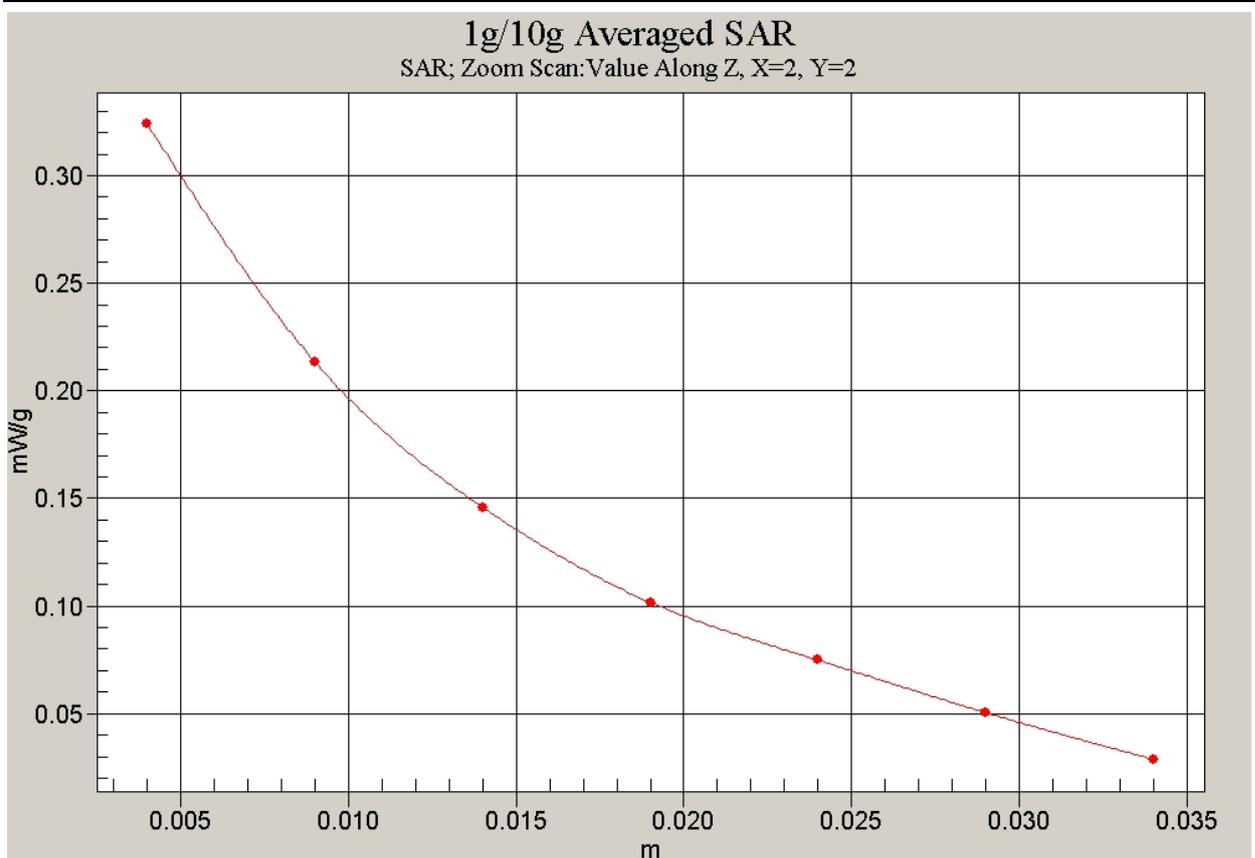


Fig. 28 Z-Scan at power reference point (PCS 1900MHz, Body Towards Ground, CH661)

1900 Body Toward Ground Low

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $\sigma = 1.55$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.288 mW/g

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

Reference Value = 9.37 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.277 mW/g

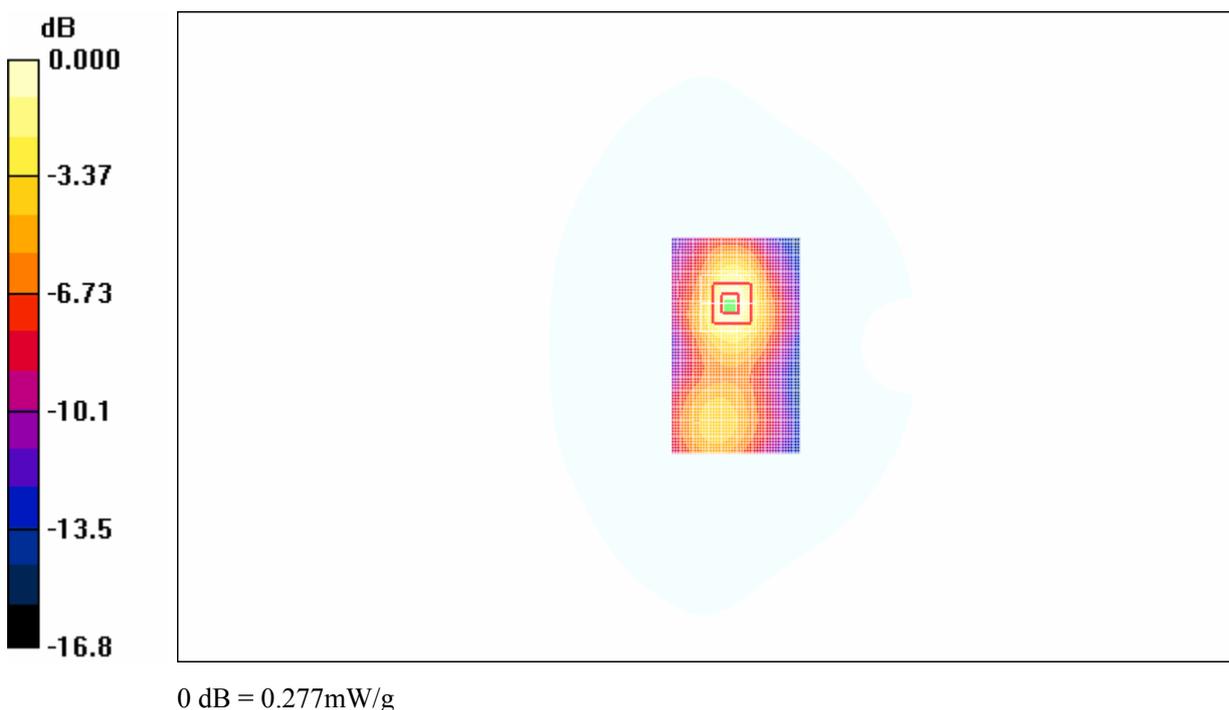


Fig. 29 PCS 1900MHz, Body, Towards Ground, CH512

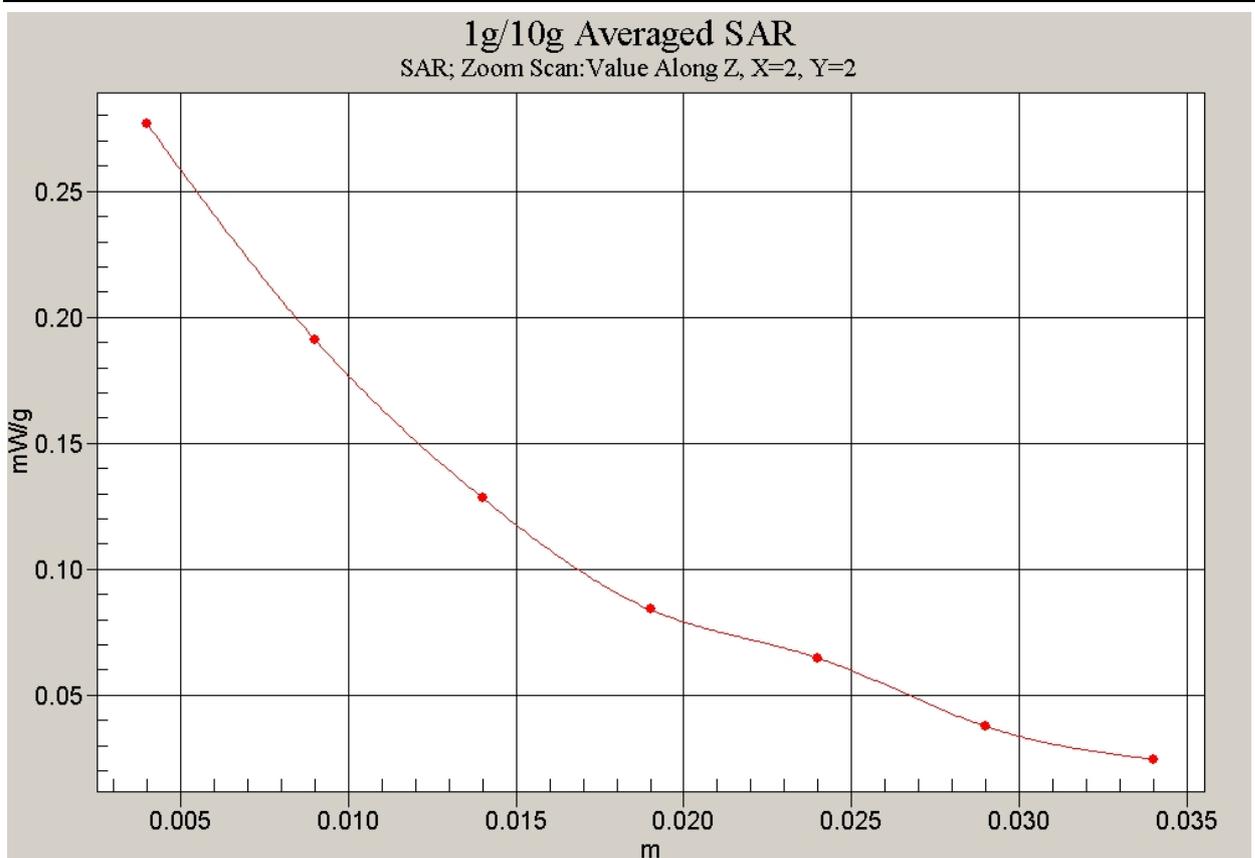


Fig. 30 Z-Scan at power reference point (PCS 1900MHz, Body Towards Ground, CH512)

1900 Body Toward Phantom High

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $\sigma = 1.55$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.095 mW/g

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

Reference Value = 4.33 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.097 mW/g

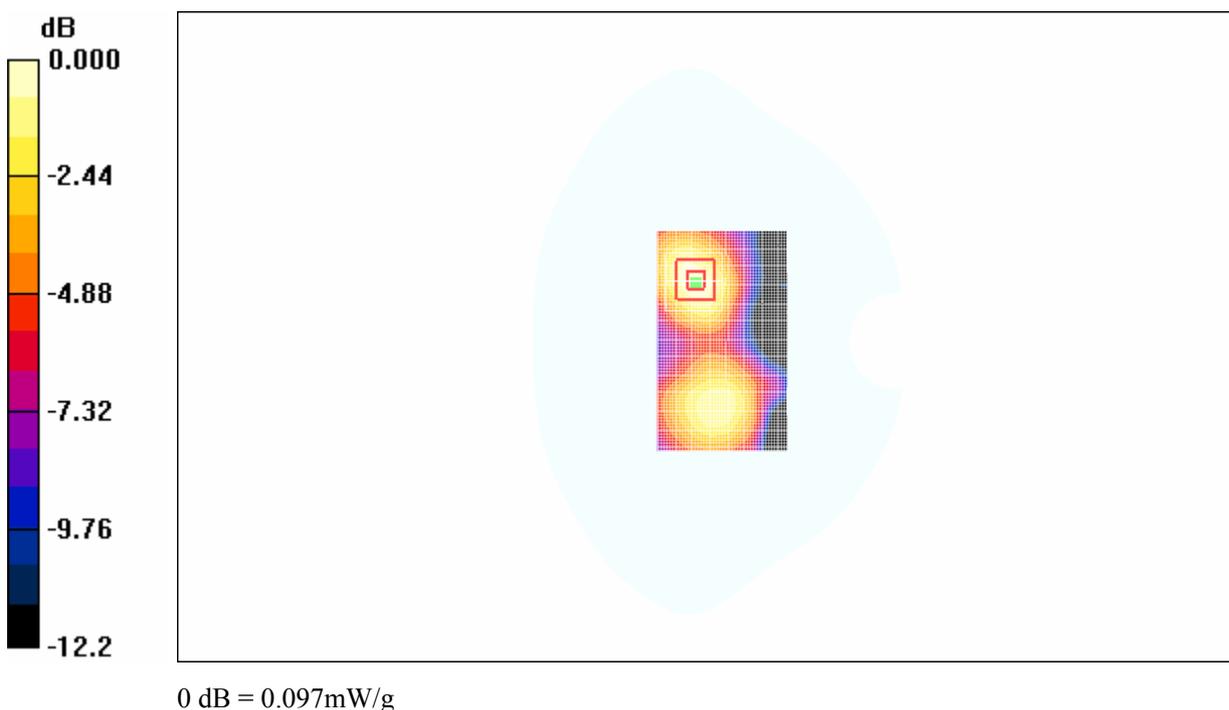


Fig. 31 PCS 1900MHz, Body, Towards Phantom, CH810

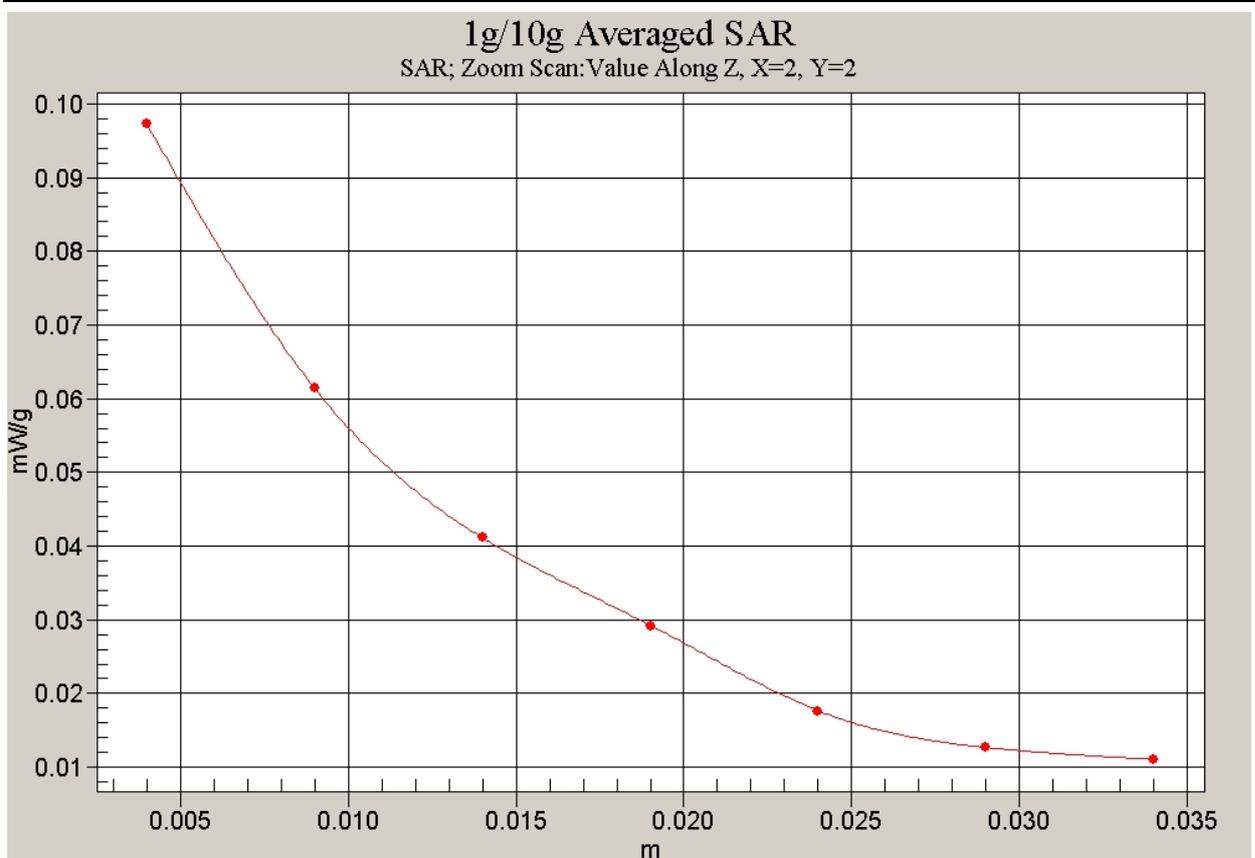


Fig. 32 Z-Scan at power reference point (PCS 1900MHz, Body Towards Phantom, CH810)

1900 Body Toward Phantom Middle

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $\sigma = 1.55$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

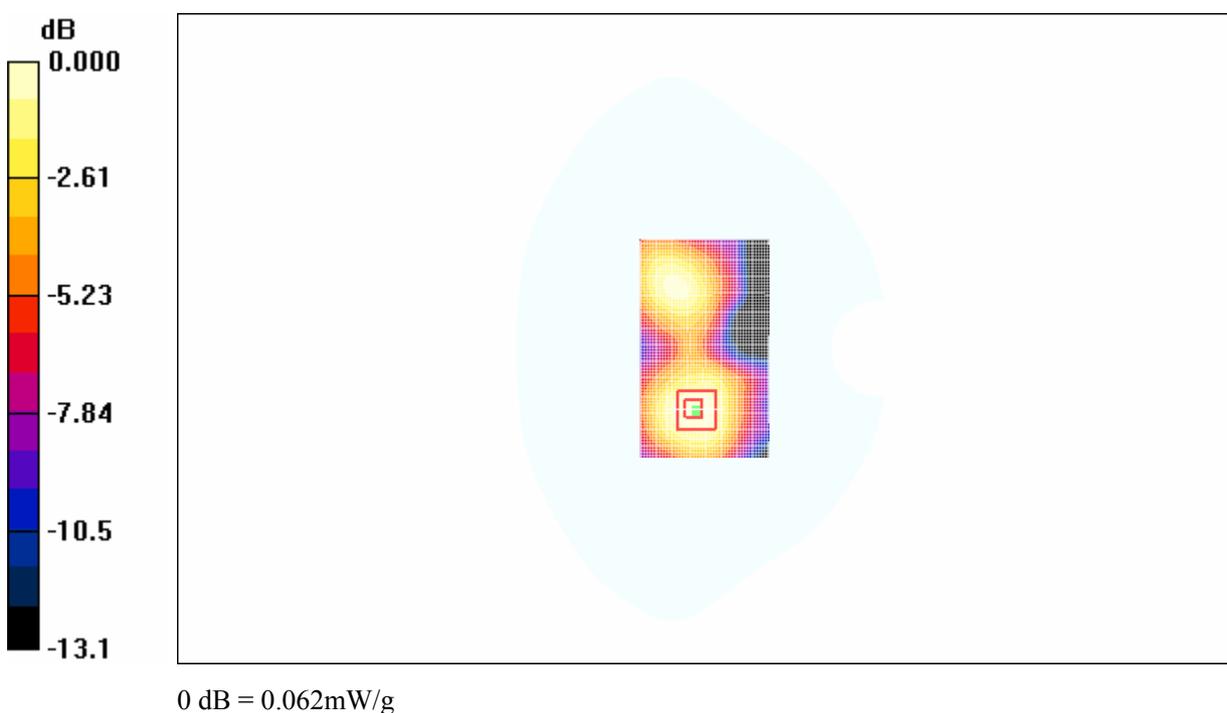
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.64 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.036 mW/g

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

**Fig. 33 PCS 1900MHz, Body, Towards Phantom, CH661**

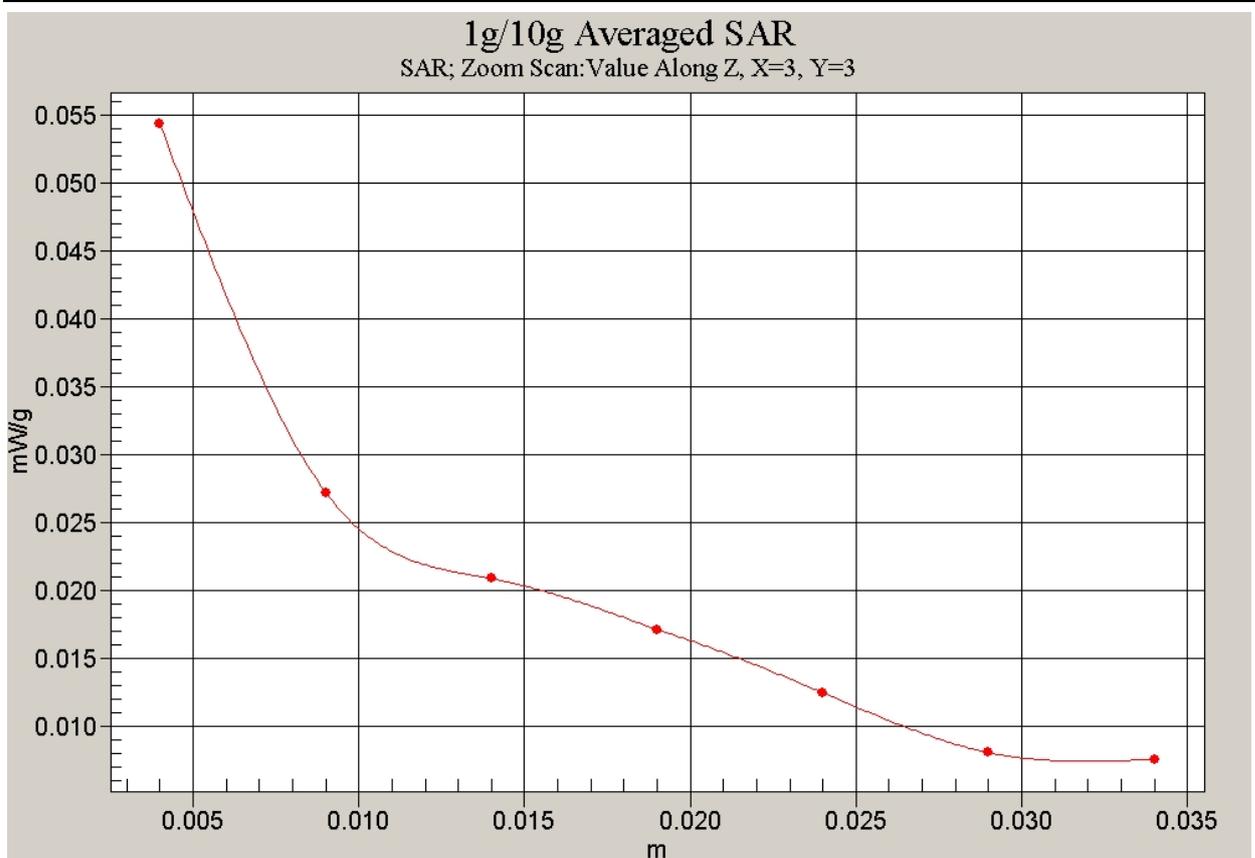


Fig. 34 Z-Scan at power reference point (PCS 1900MHz, Body Towards Phantom, CH661)

1900 Body Toward Phantom Low

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $\sigma = 1.55$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.044 mW/g

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

Reference Value = 3.46 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 0.064 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.045 mW/g

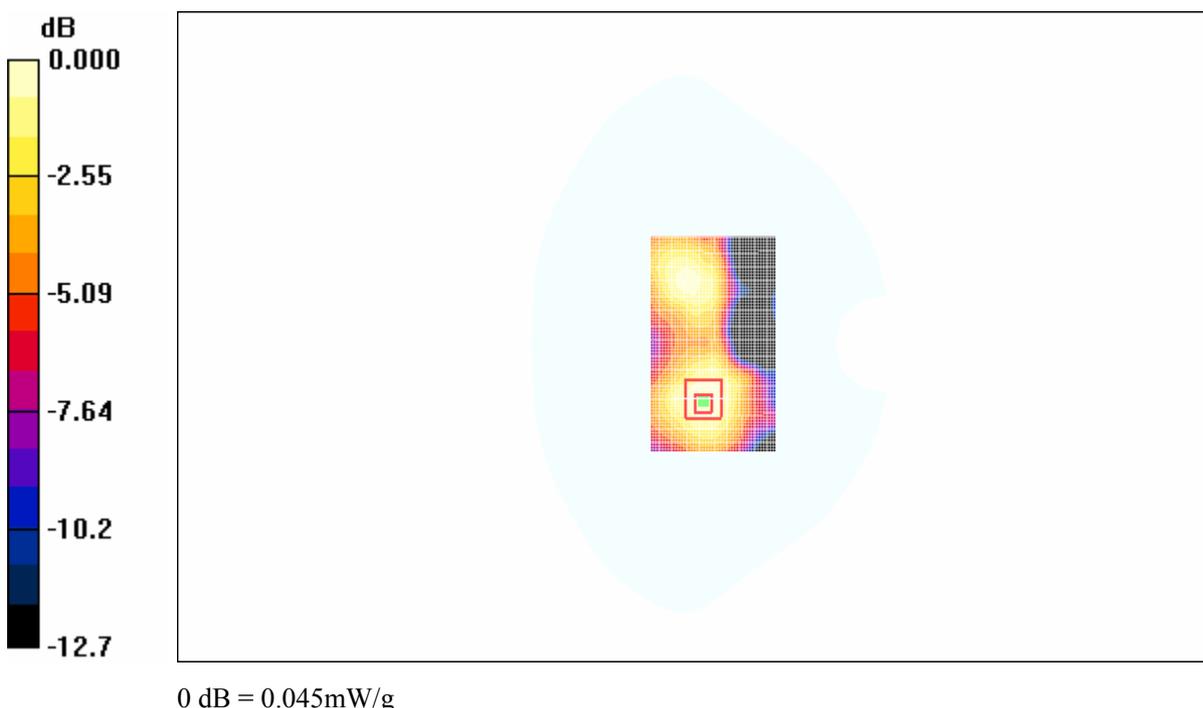


Fig. 35 PCS 1900MHz, Body, Towards Phantom, CH512

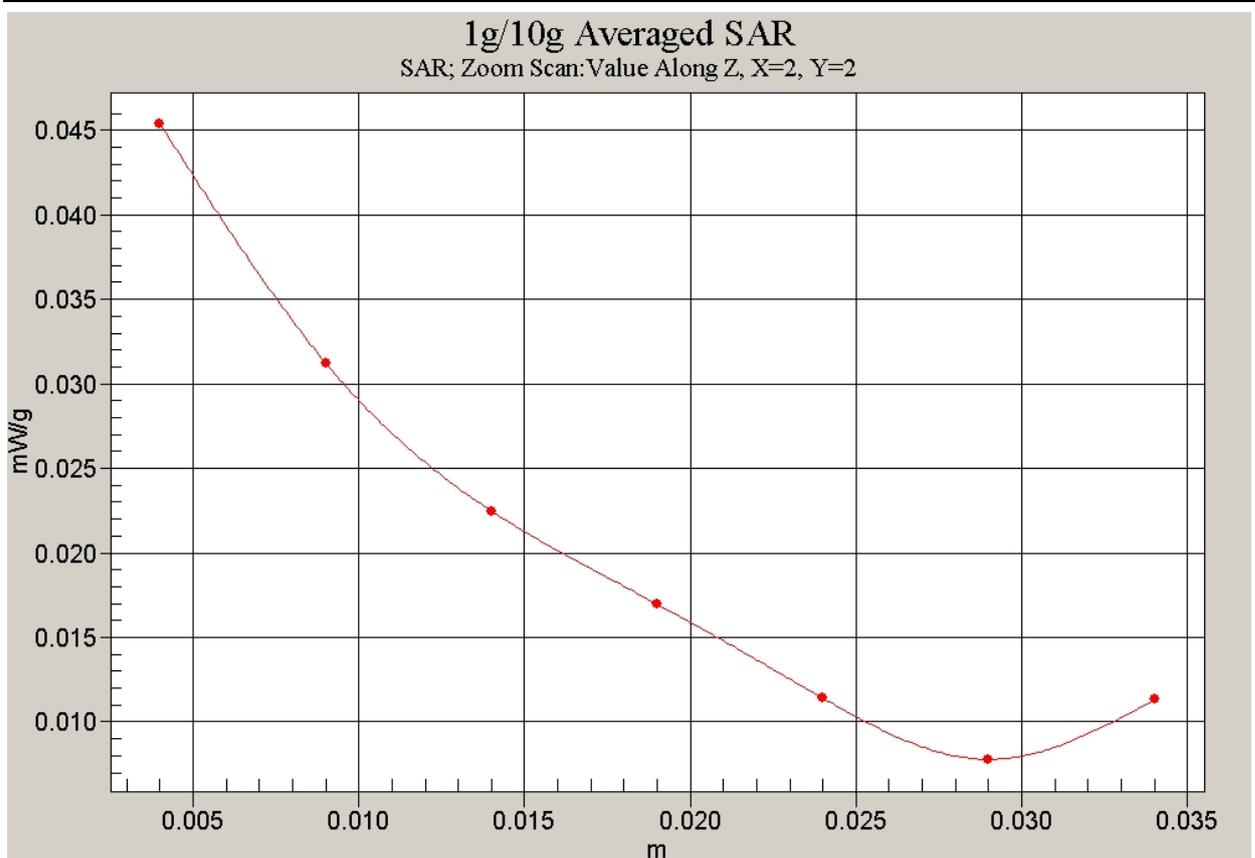


Fig. 36 Z-Scan at power reference point (PCS 1900MHz, Body Towards Phantom, CH512)

1900 Body Toward Ground High with GPRS

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $\sigma = 1.55$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

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(4.88, 4.88, 4.88)

Toward Ground High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.802 mW/g

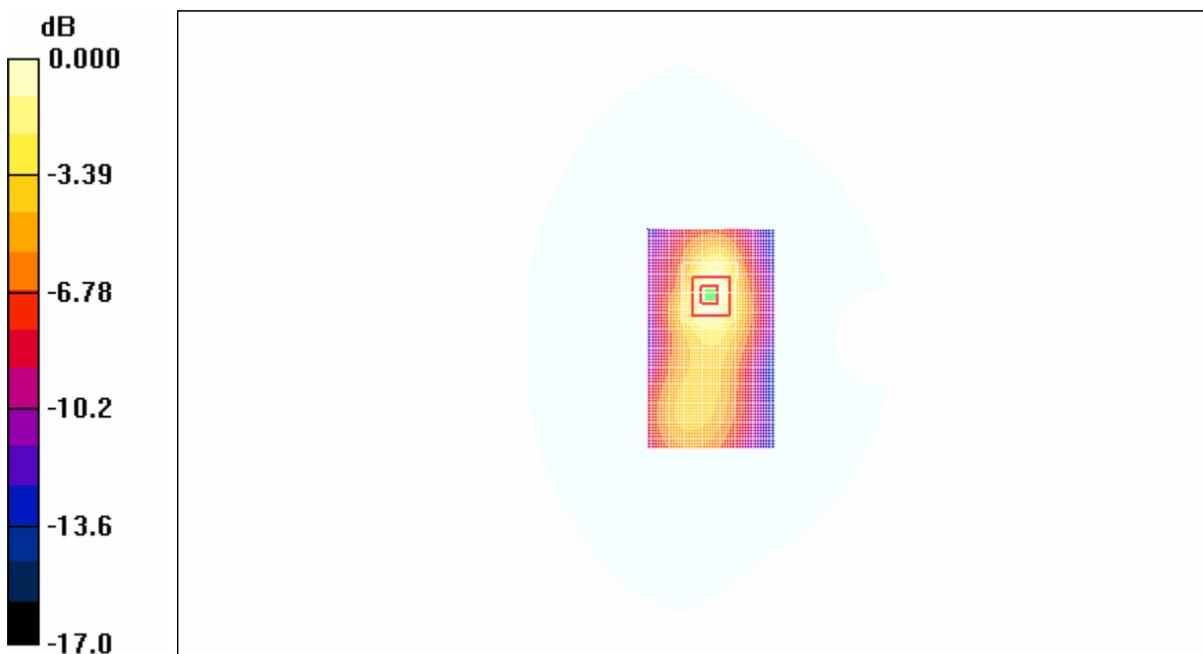
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 1.18 W/kg

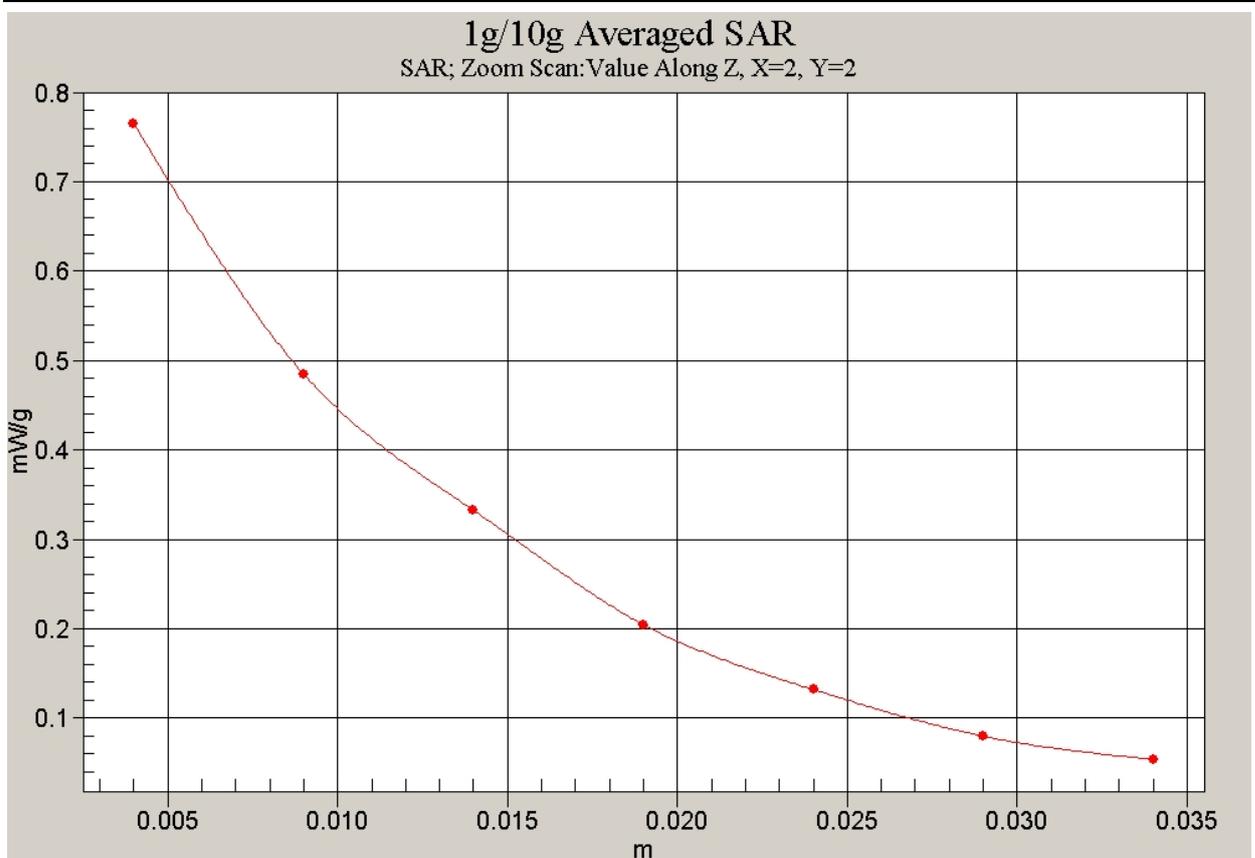
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.412 mW/g

Maximum value of SAR (measured) = 0.765 mW/g



0 dB = 0.765mW/g

Fig. 37 PCS 1900MHz, Body, Towards Ground with GPRS, CH810



**Fig. 38 Z-Scan at power reference point
(PCS 1900MHz, Body Towards Ground with GPRS, CH810)**