

850MHz GPRS Test Position 1 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 1/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.511 mW/g

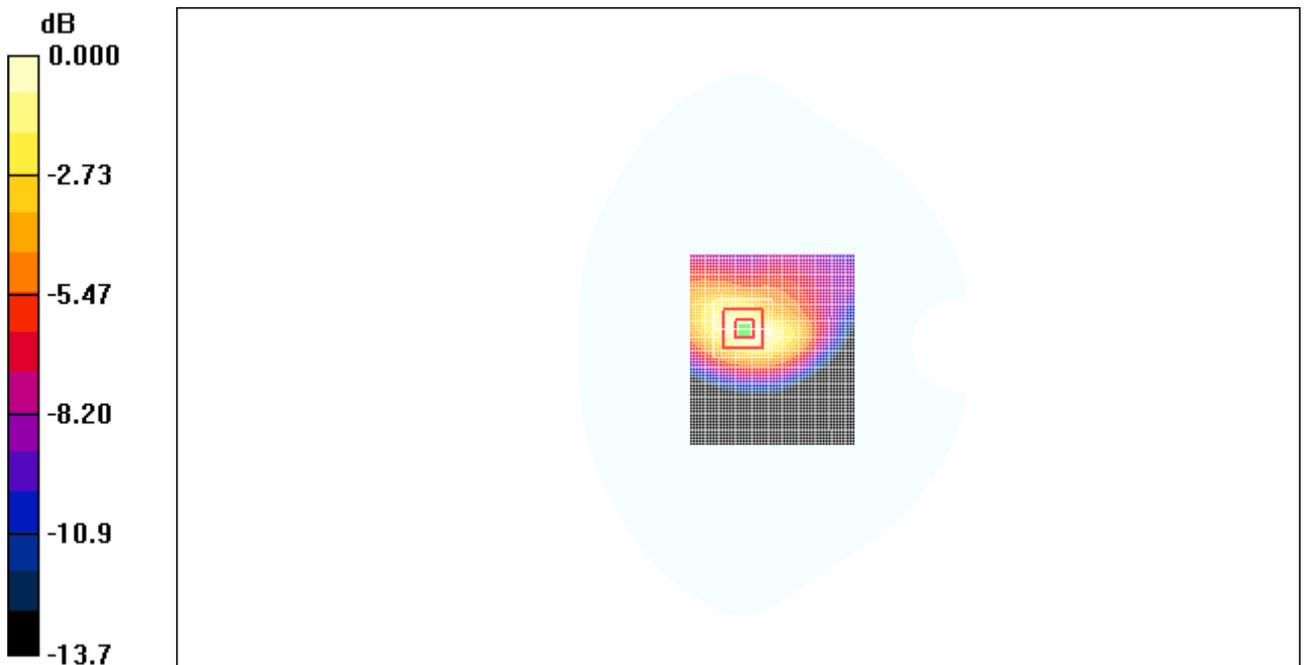
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.512 mW/g



0 dB = 0.512mW/g

Fig.61 850MHz GPRS CH190 Test Position 1

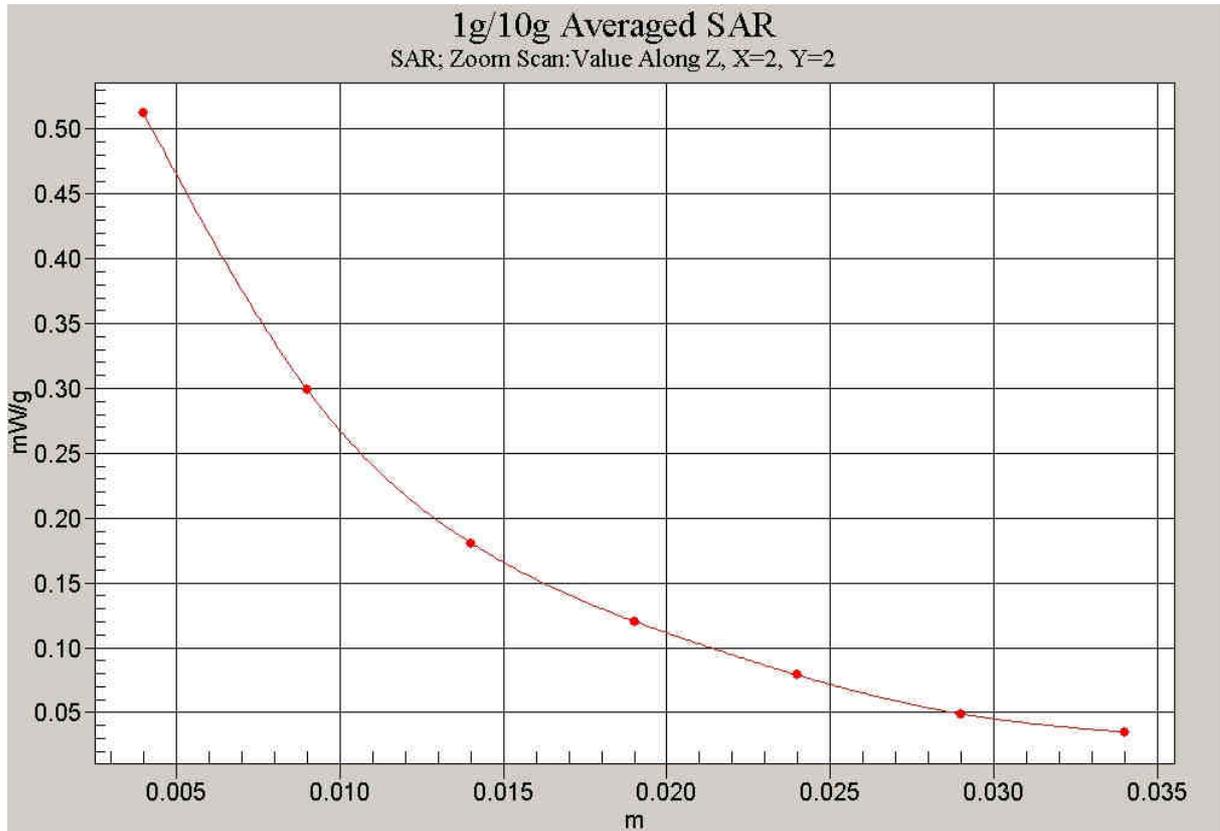


Fig.62 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850 GPRS Test Position 2 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 2/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.215 mW/g

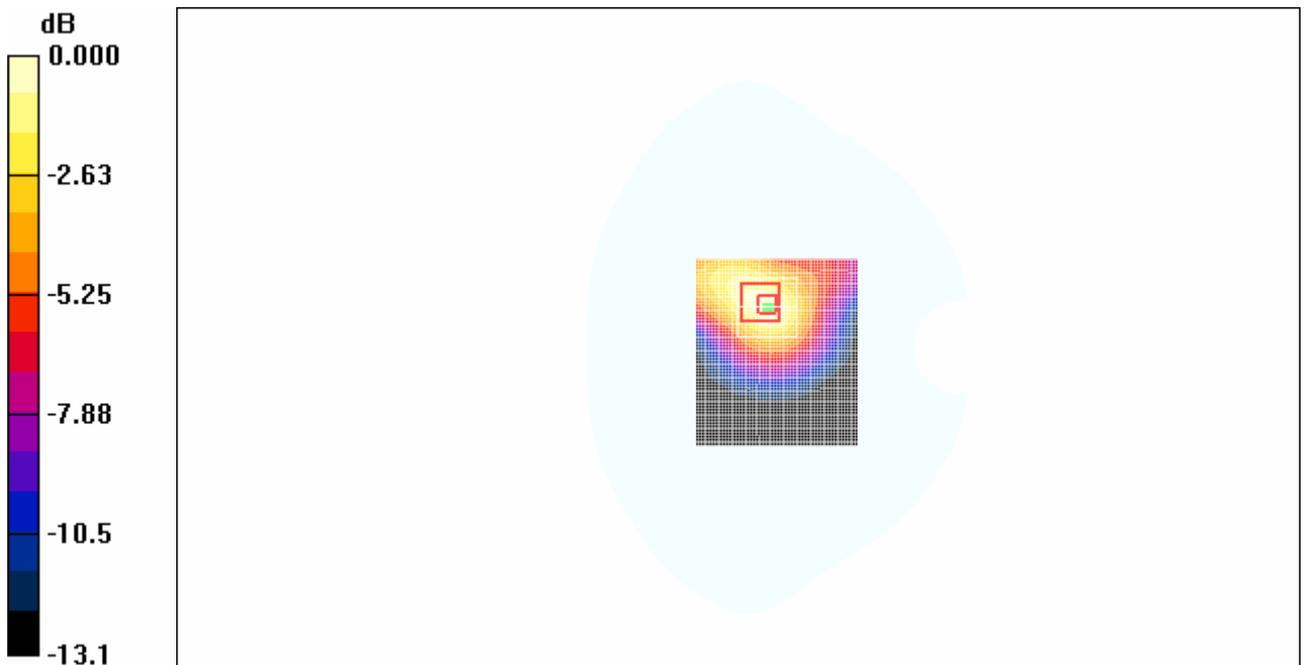
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.83 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

Fig.63 850MHz GPRS CH190 Test Position 2

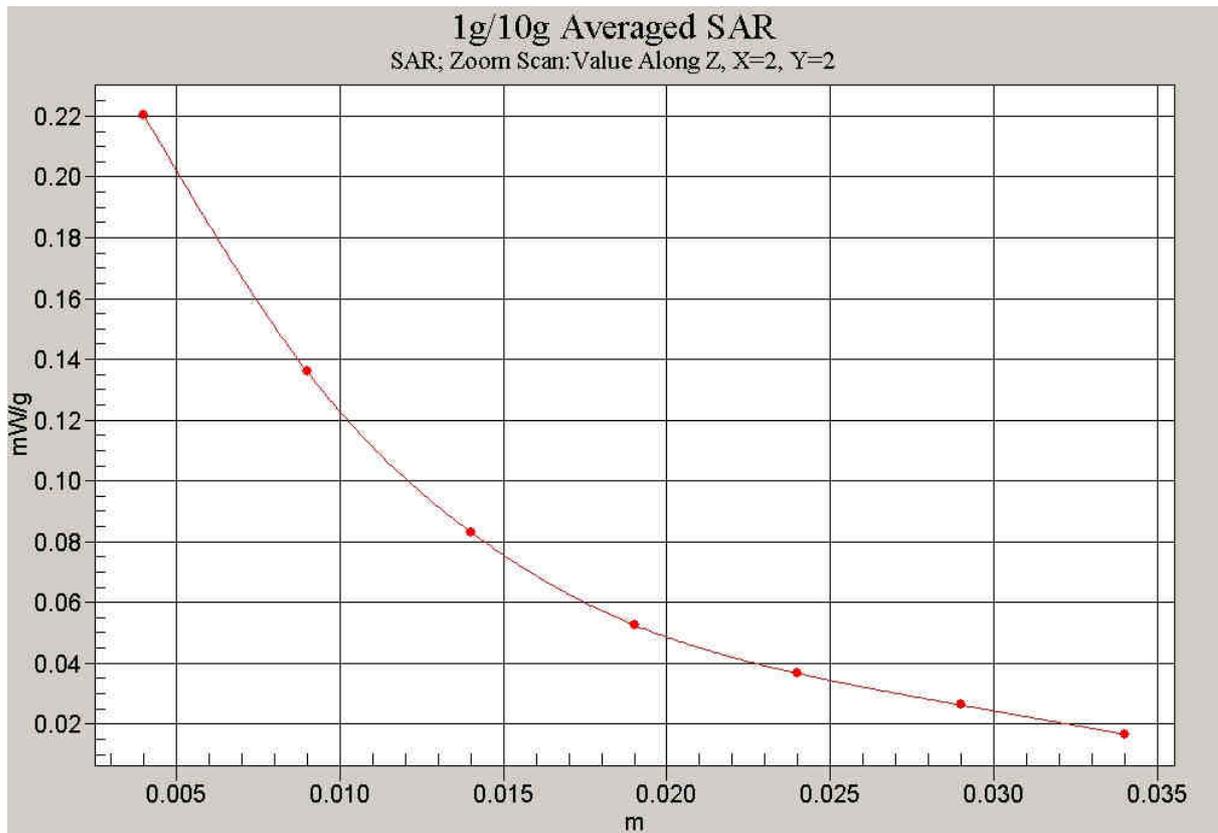


Fig.64 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

850 GPRS Test Position 3 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 3/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.255 mW/g

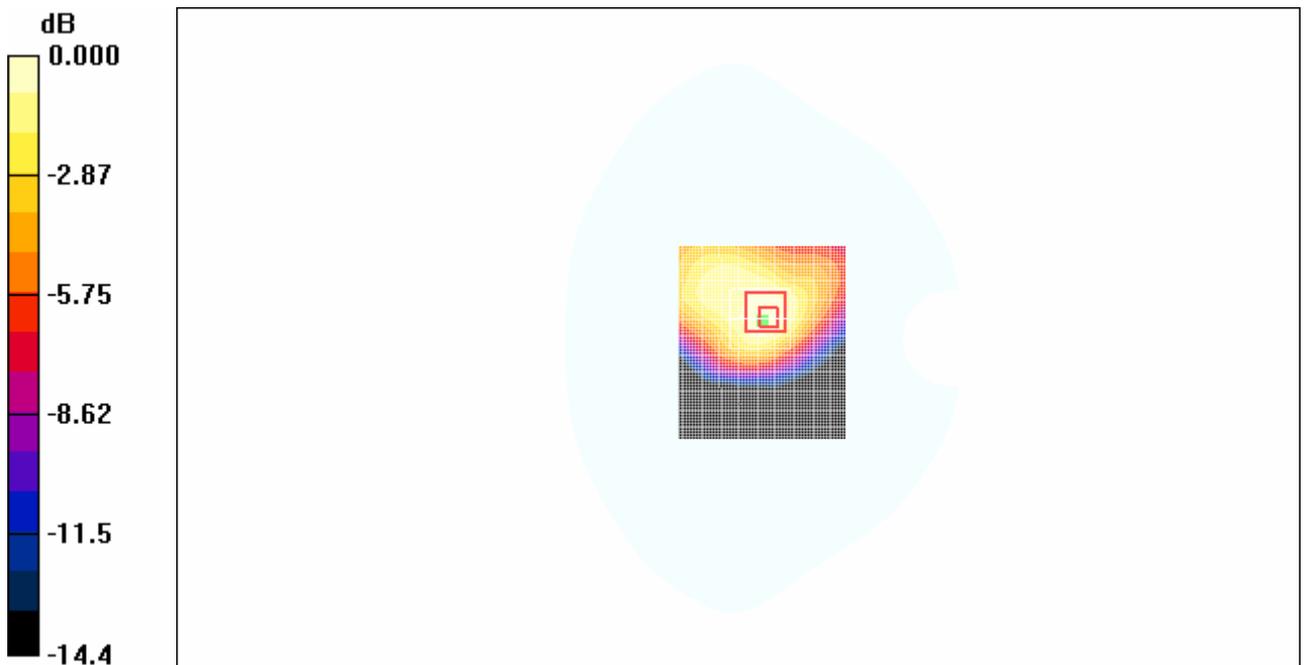
Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

Fig.65 850MHz GPRS CH190 Test Position 3

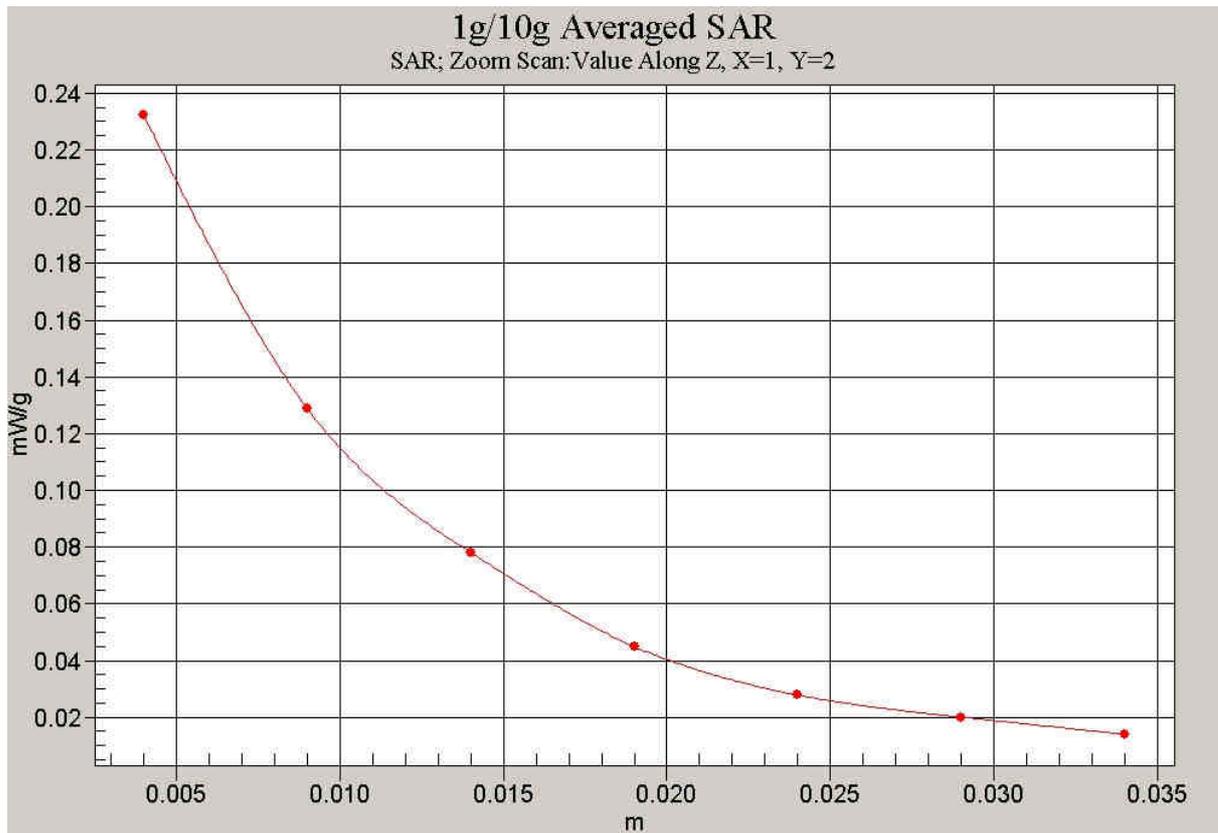


Fig.66 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 3)

850MHz GPRS Test Position 4 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 4/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.977 mW/g

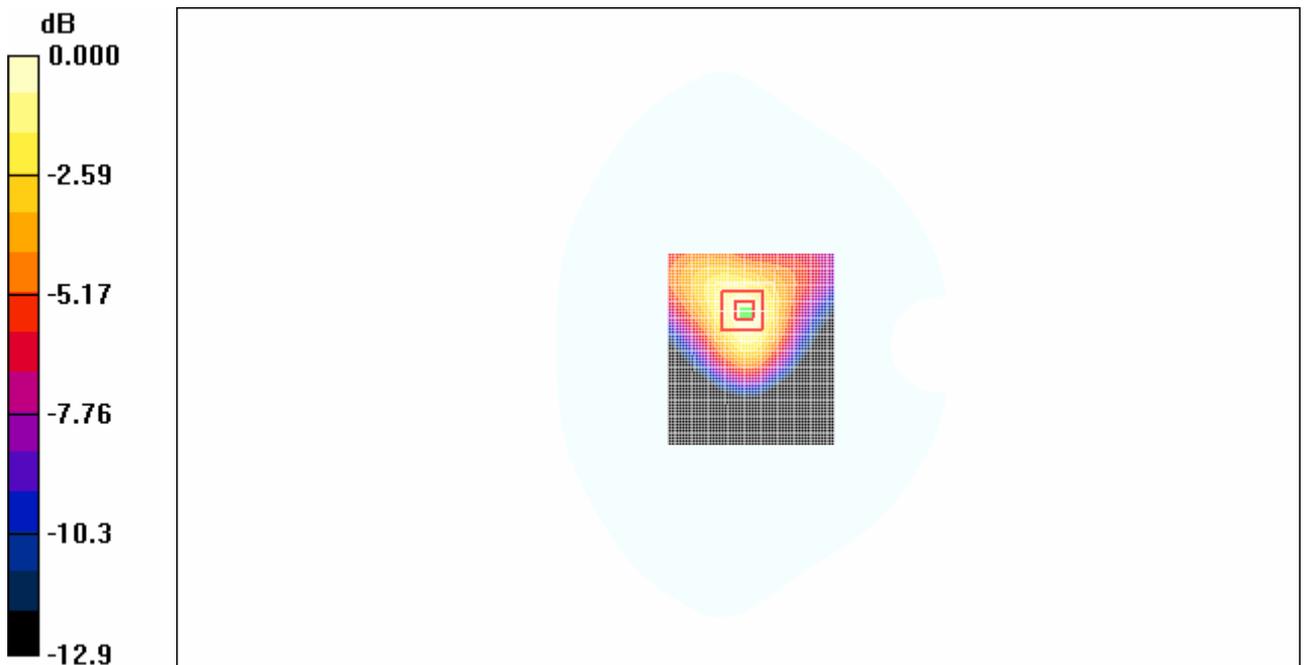
Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.7 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.547 mW/g

Maximum value of SAR (measured) = 0.988 mW/g



0 dB = 0.988mW/g

Fig.67 850MHz GPRS CH190 Test Position 4

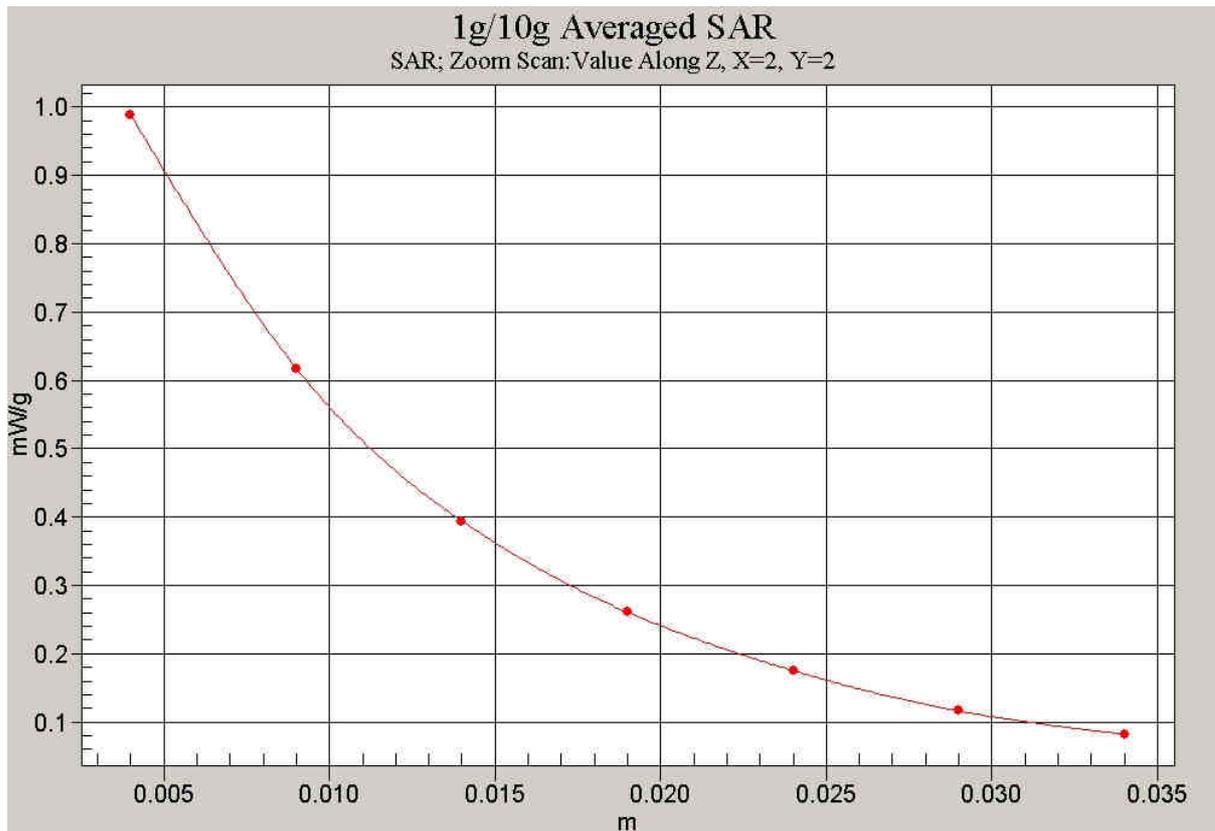


Fig.68 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 4)

850 GPRS Test Position 5 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 5/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.185 mW/g

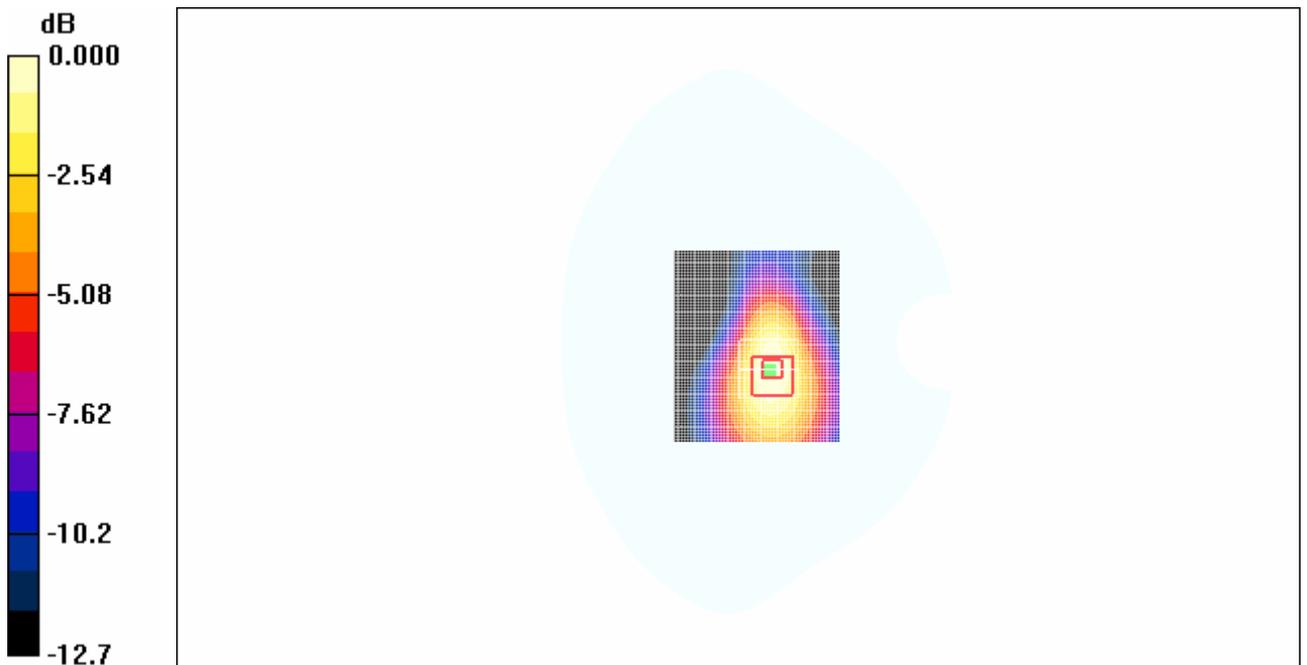
Test Position 5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

Fig.69 850MHz CH190 GPRS Test Position 5

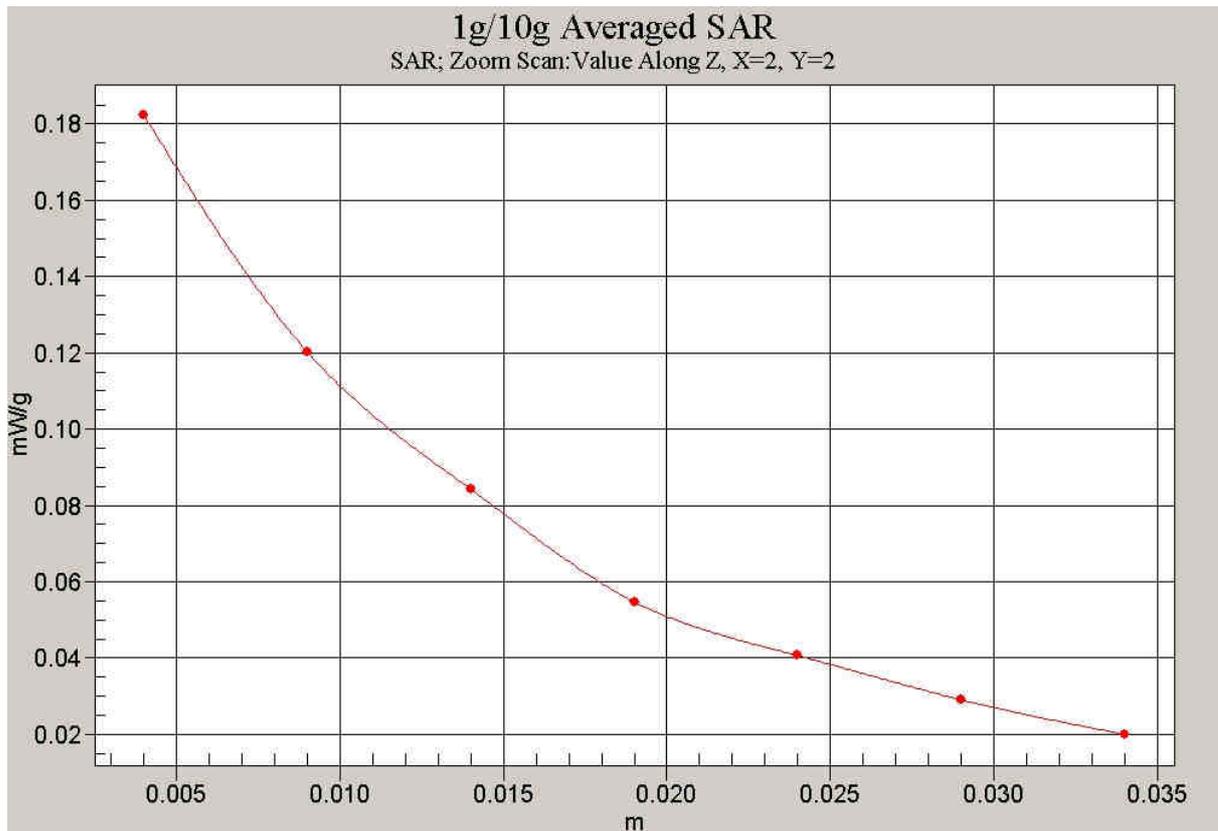


Fig.70 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 5)

850 GPRS Test Position 6 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 6/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.189 mW/g

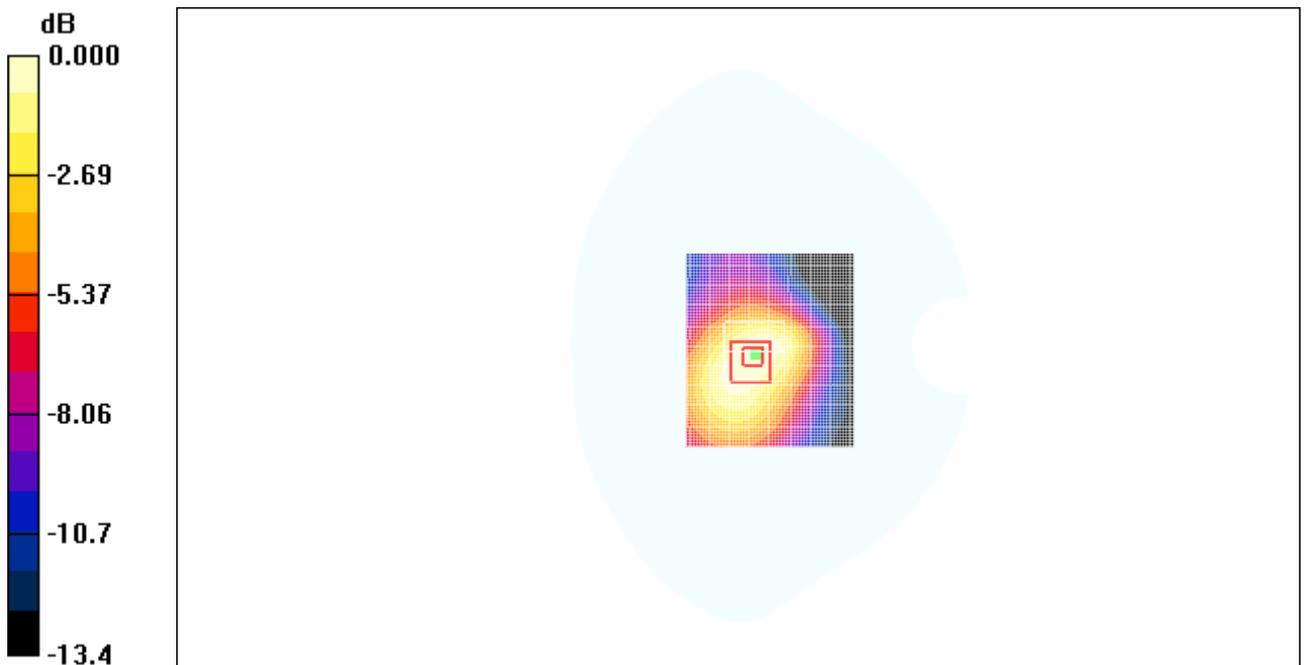
Test Position 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.189mW/g

Fig.71 850MHz CH190 GPRS Test Position 6

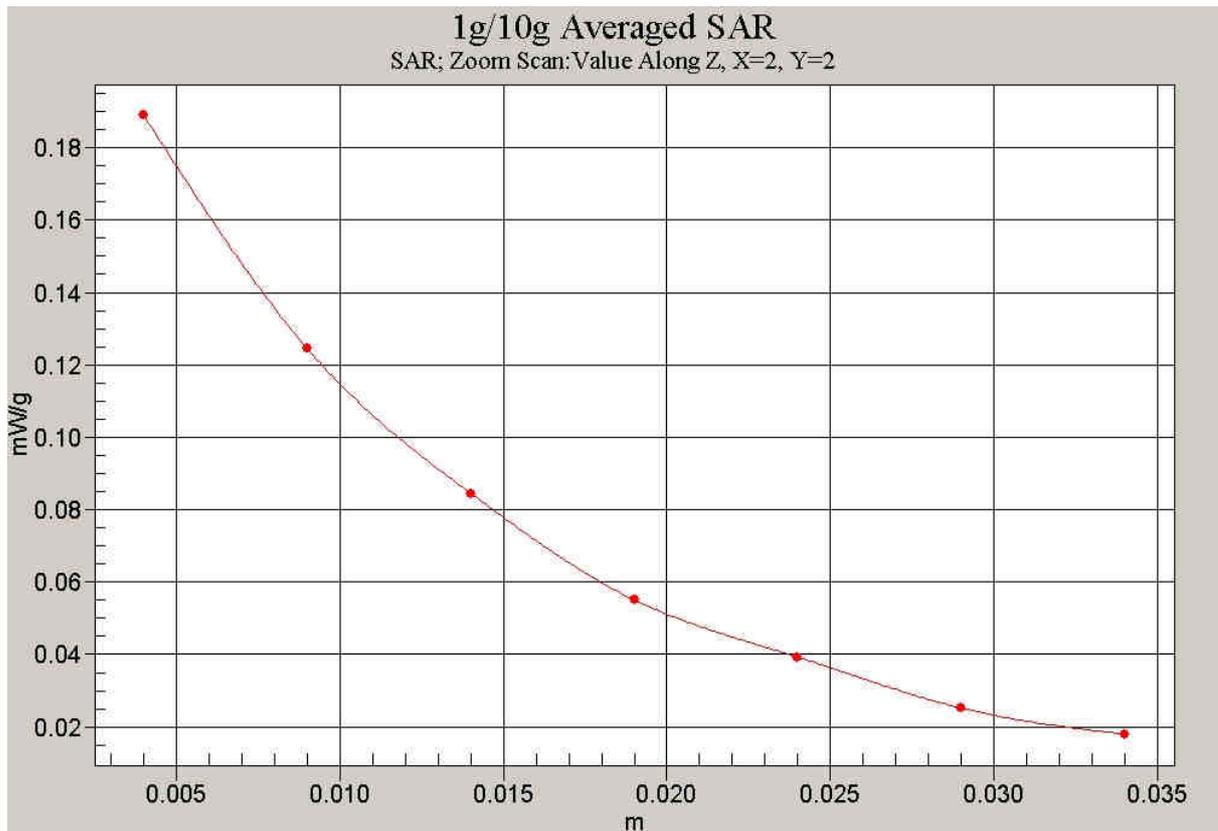


Fig.72 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 6)

850 GPRS Test Position 7 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 7/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.049 mW/g

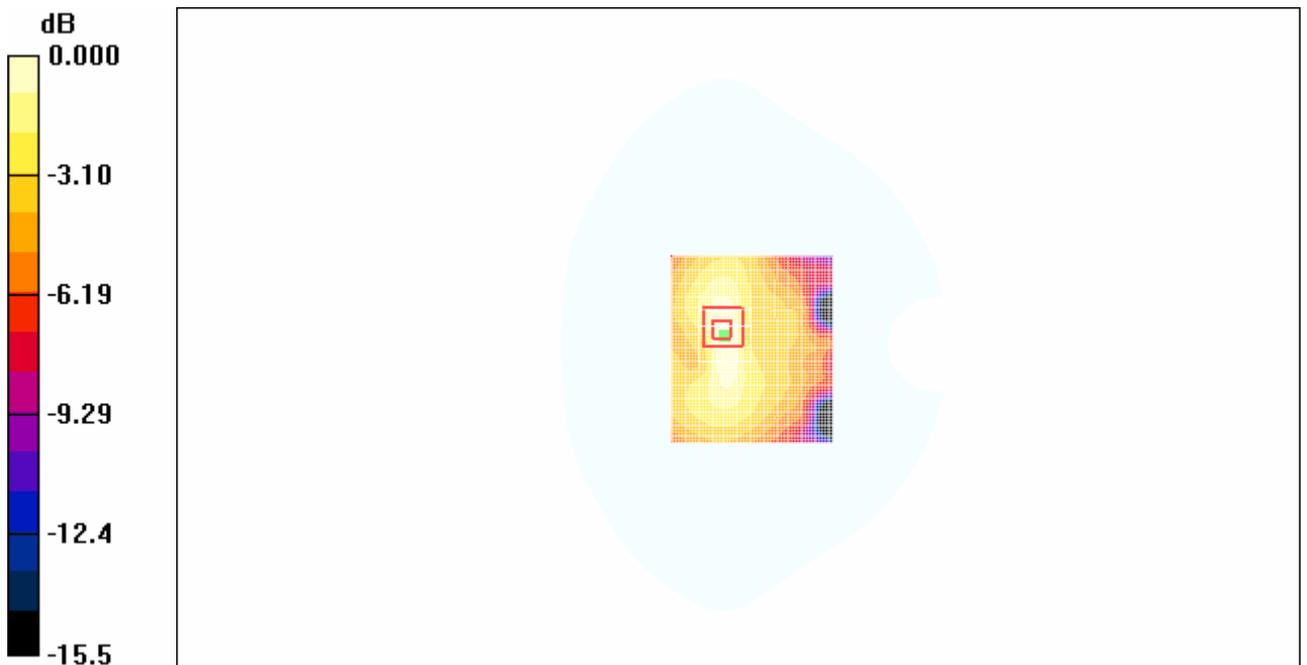
Test Position 7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.55 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.043 mW/g



0 dB = 0.043mW/g

Fig.73 850MHz CH190 GPRS Test Position 7

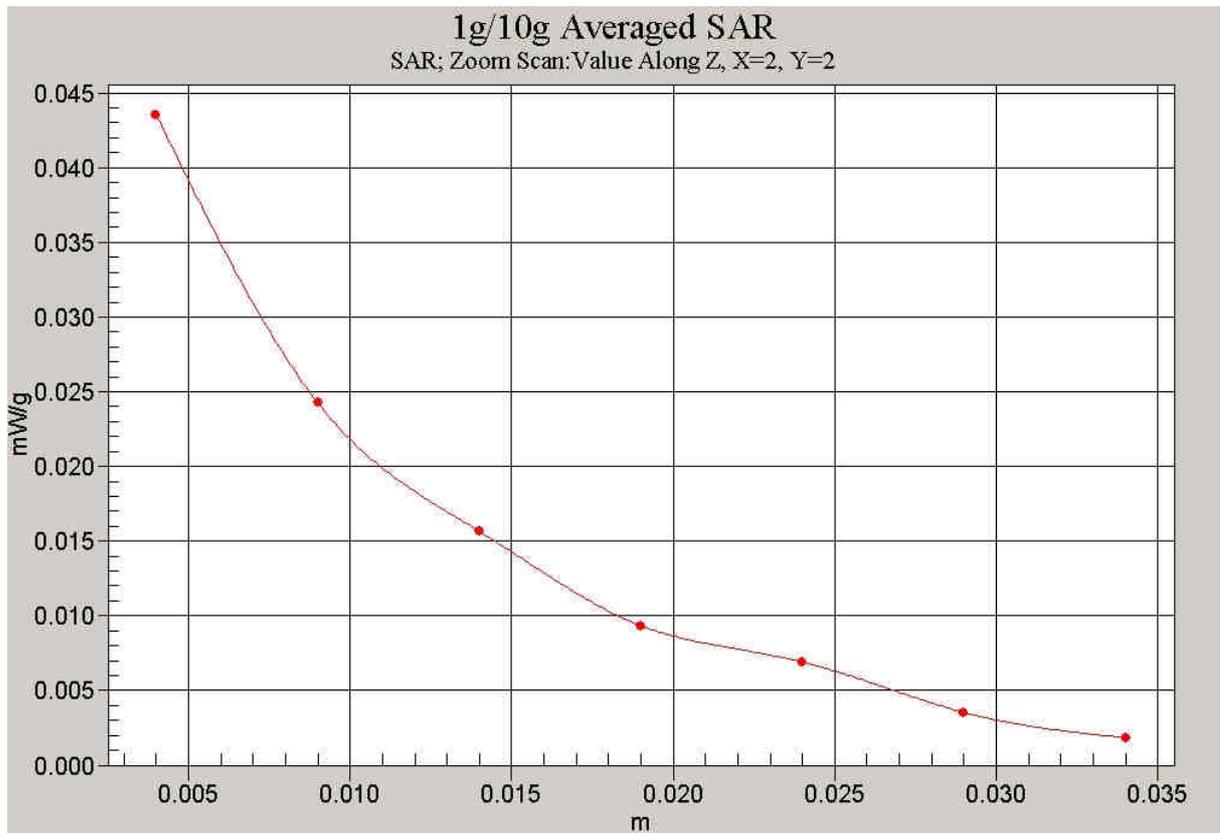


Fig.74 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 7)

850 GPRS Test Position 8 with HP Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 8/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.235 mW/g

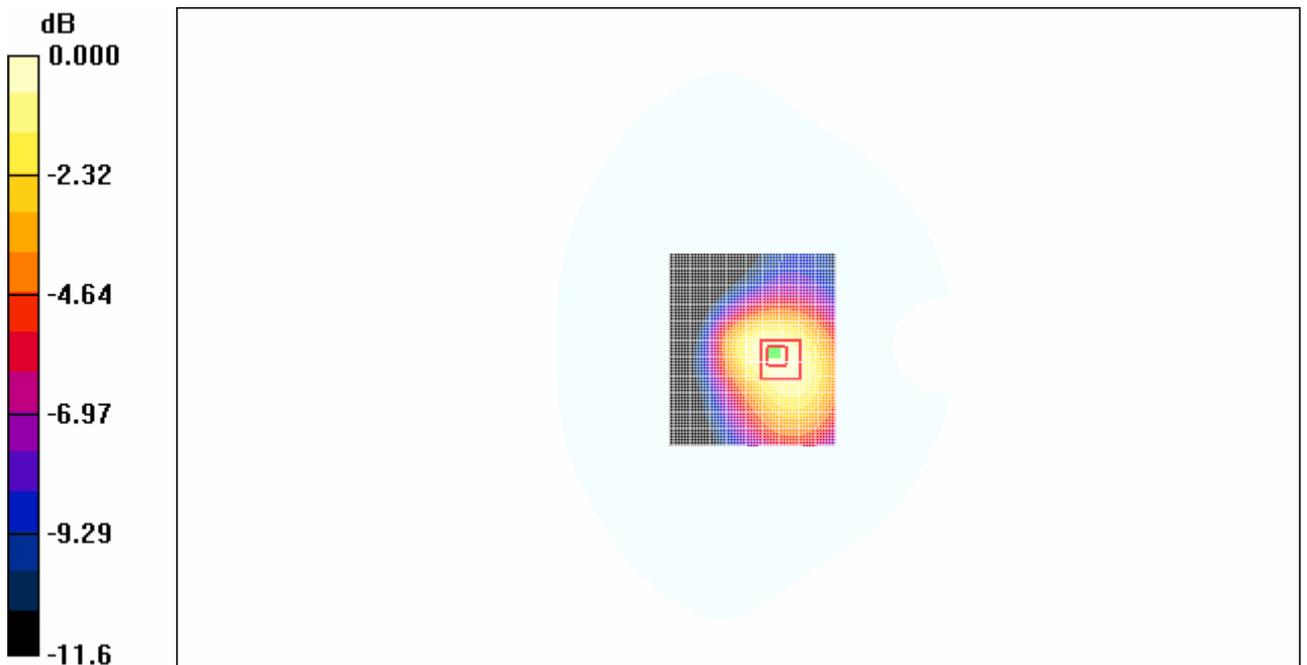
Test Position 8/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236mW/g

Fig.75 850MHz CH190 GPRS Test Position 8

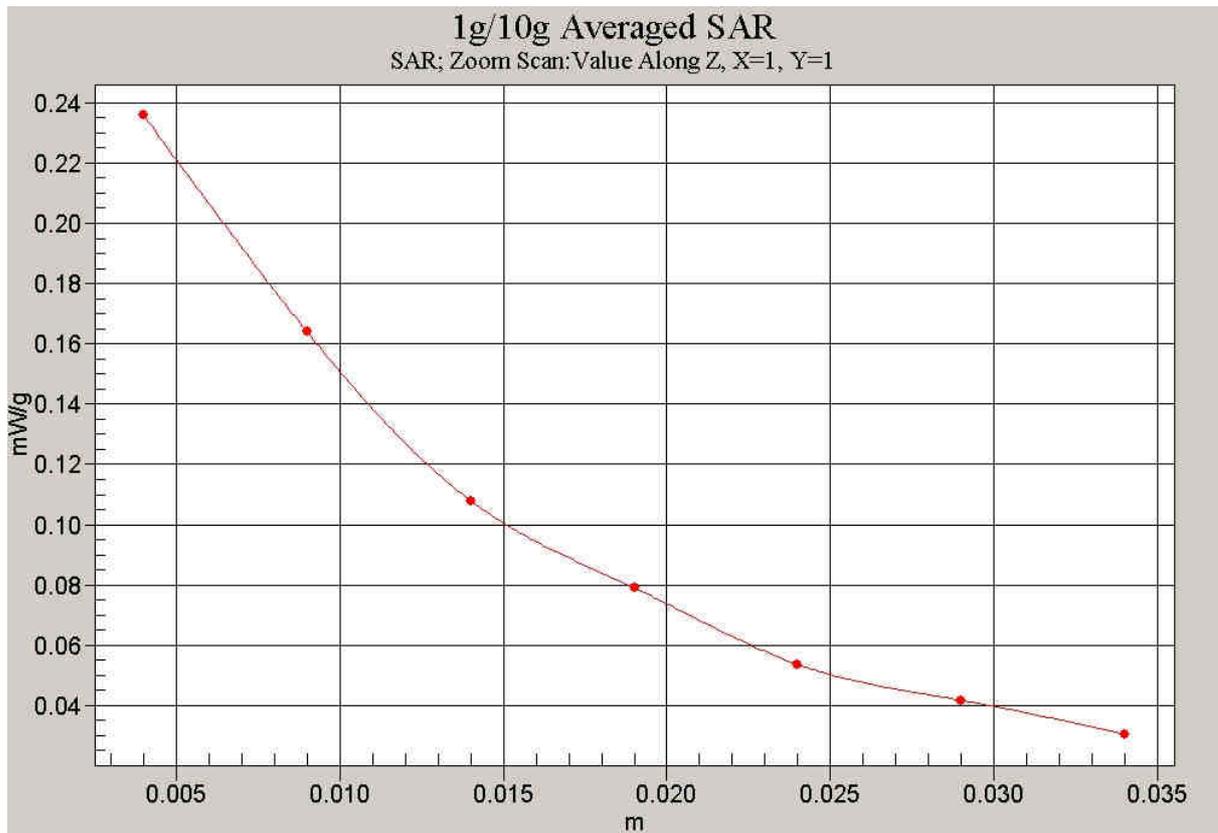


Fig.76 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 8)

850MHz GPRS Test Position 1 with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 1/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.173 mW/g

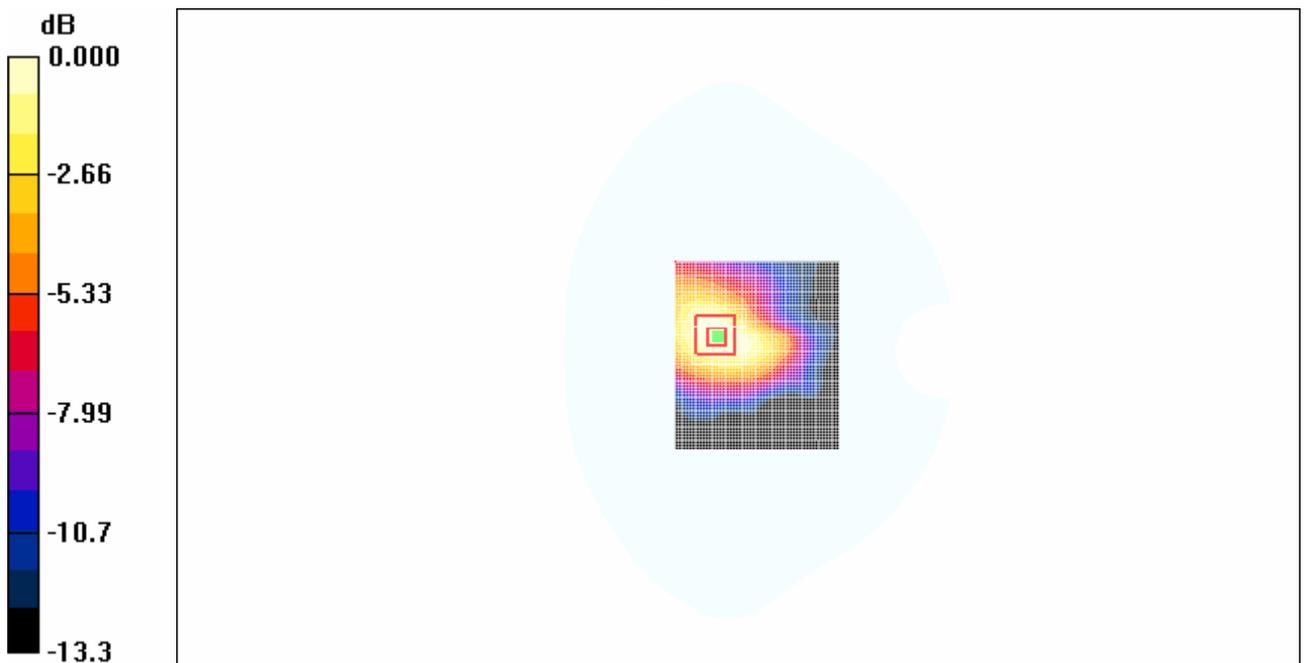
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.095 mW/g

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



0 dB = 0.165mW/g

Fig.77 850MHz GPRS CH190 Test Position 1

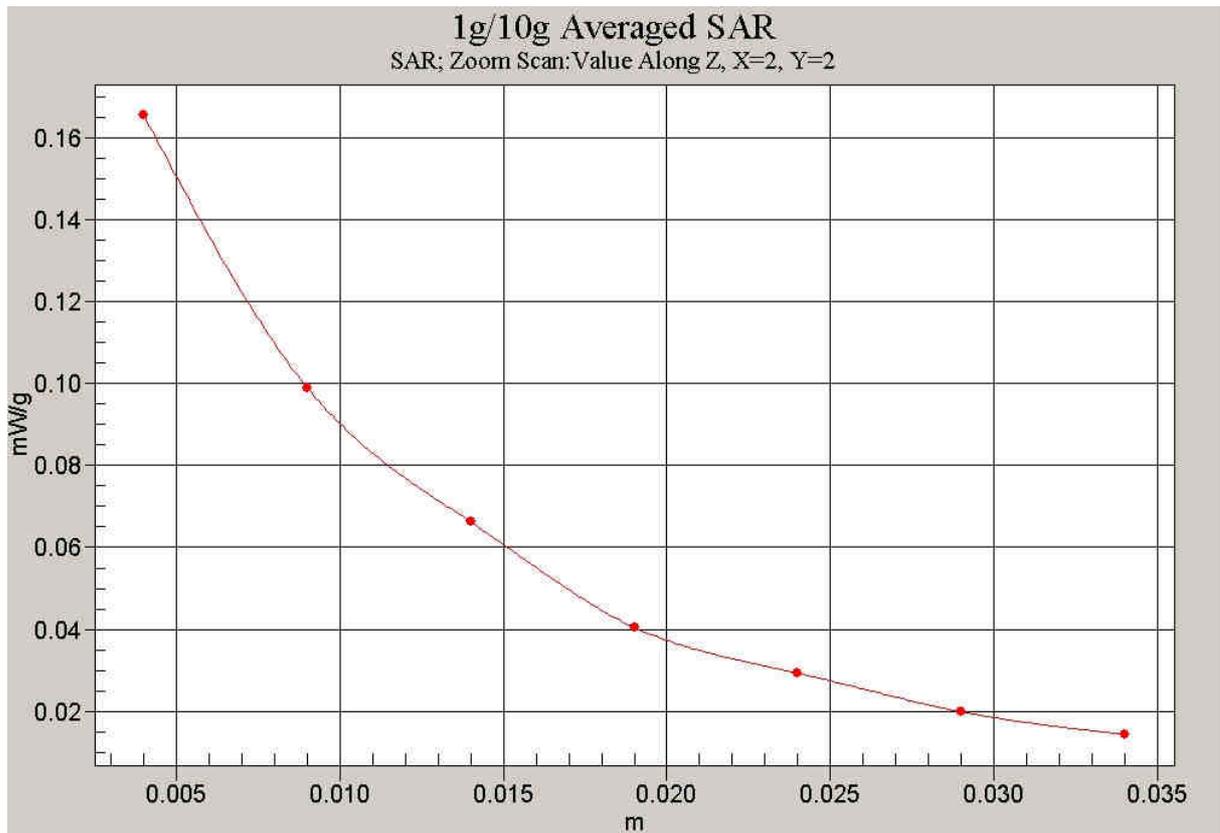


Fig.78 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850 GPRS Test Position 2 with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 2/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.184 mW/g

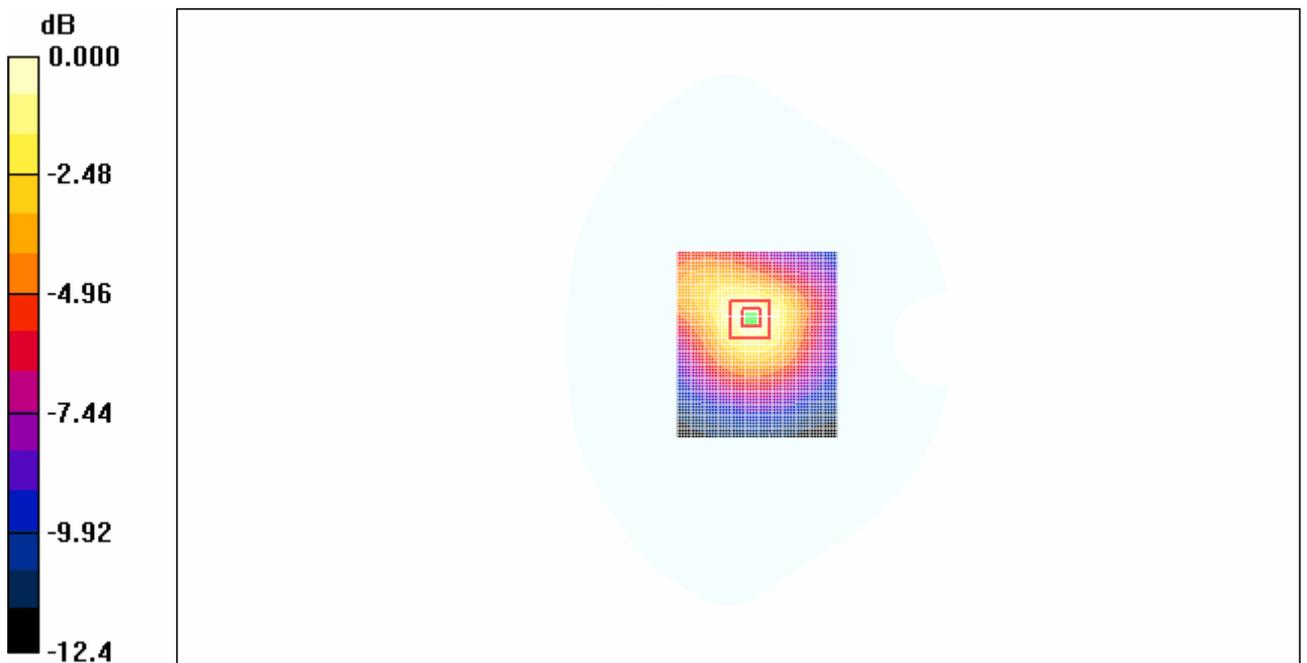
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.188mW/g

Fig.79 850MHz GPRS CH190 Test Position 2

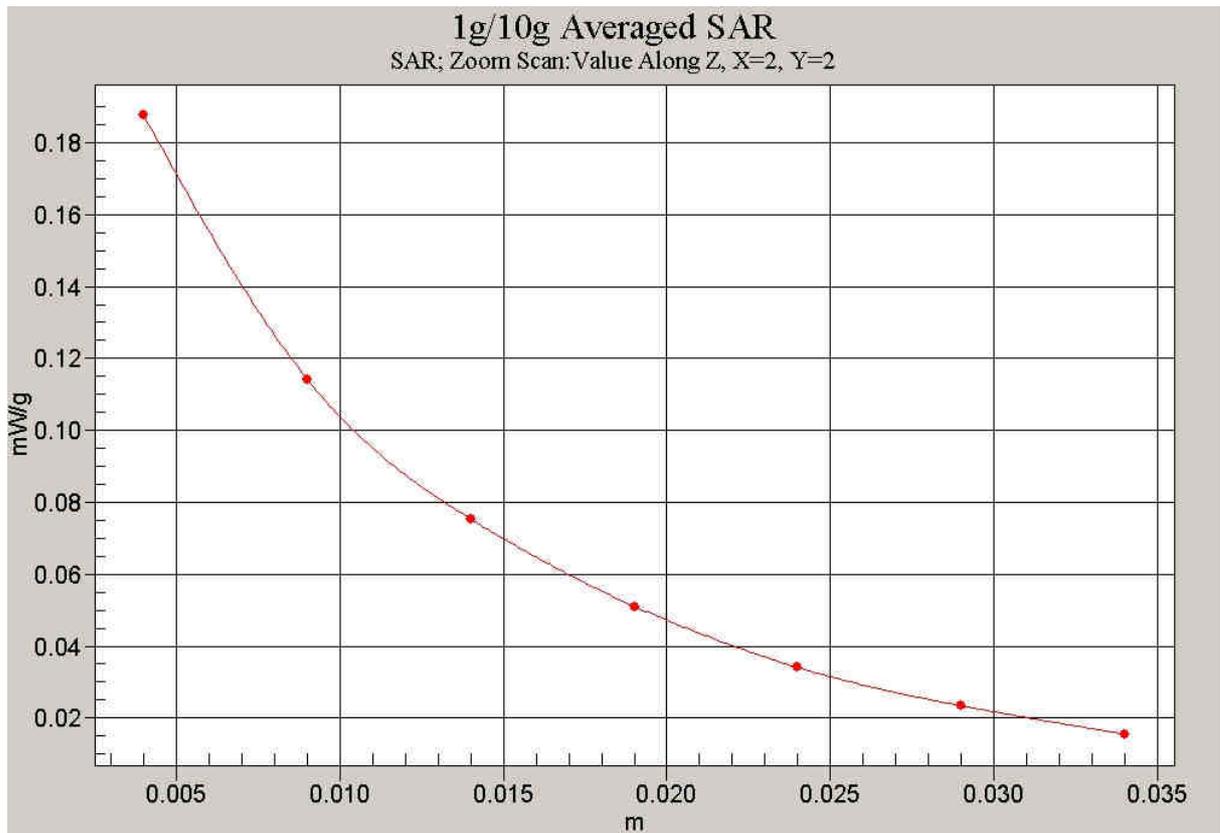


Fig.80 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

850 GPRS Test Position 3 with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 3/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.228 mW/g

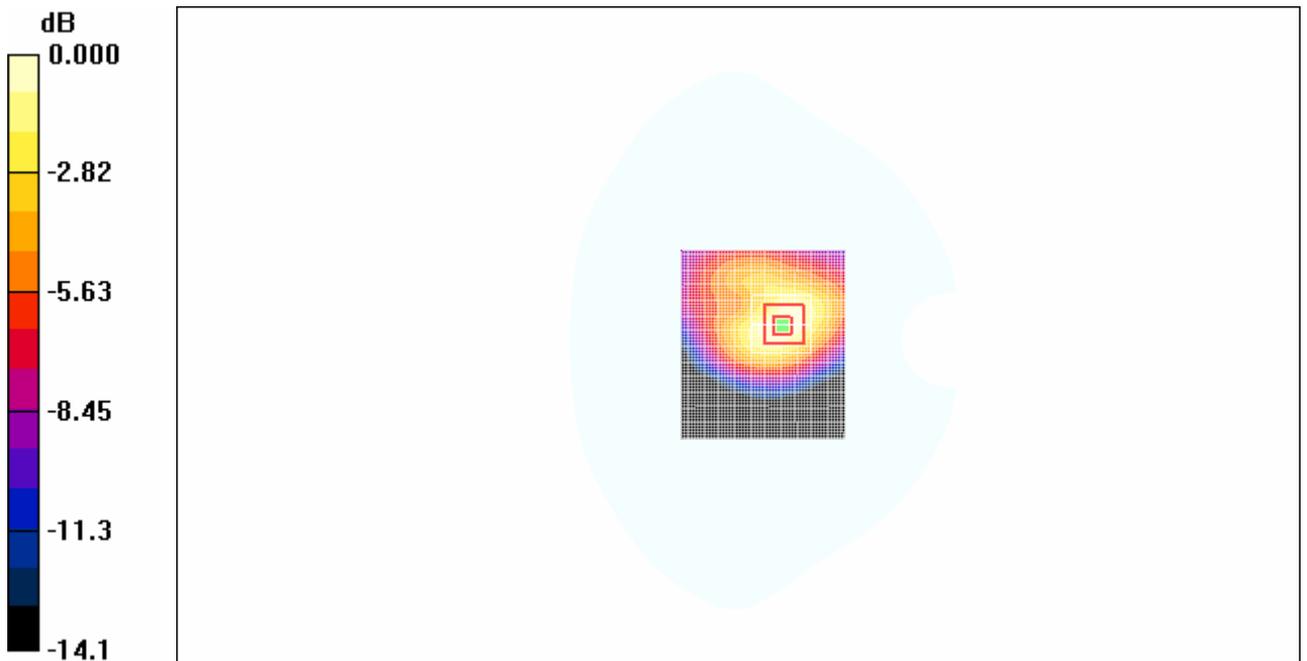
Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.121 mW/g

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



0 dB = 0.223mW/g

Fig.81 850MHz GPRS CH190 Test Position 3

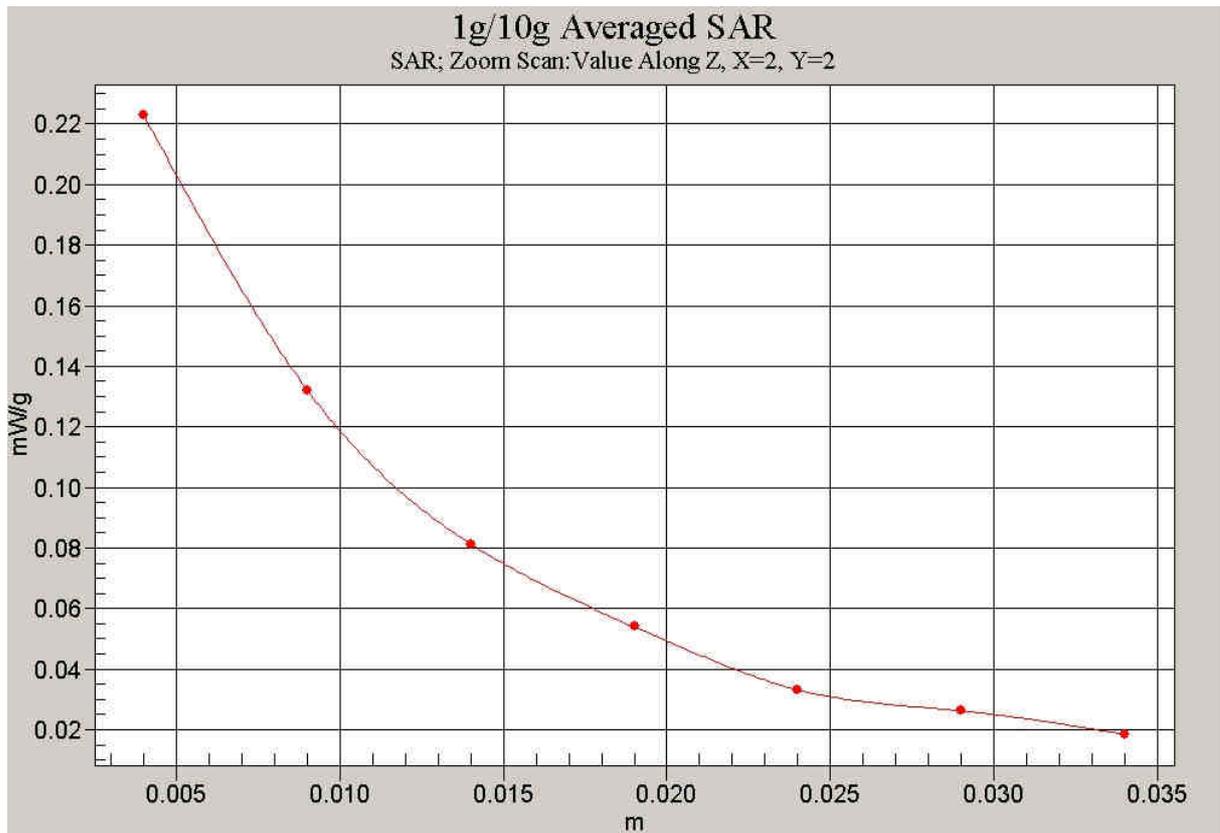


Fig.82 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 3)

850 GPRS Test Position 4 High with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 4 High/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.28 mW/g

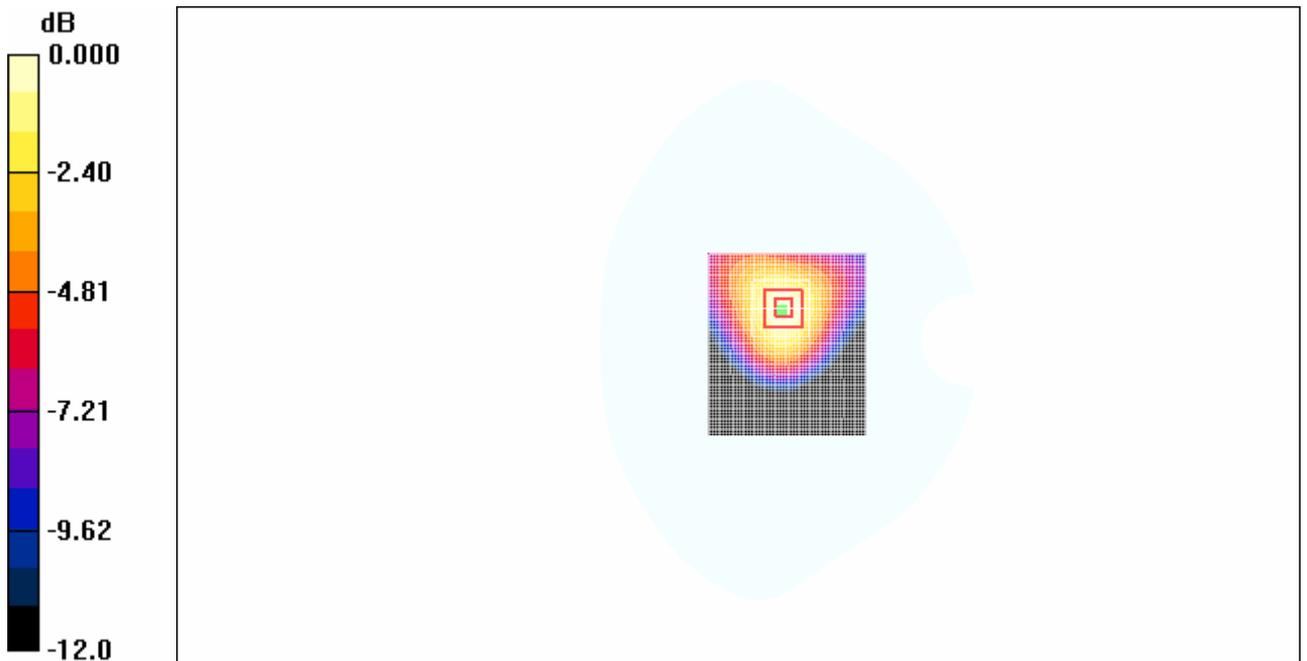
Test Position 4 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.8 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.737 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27mW/g

Fig.83 850MHz GPRS CH251 Test Position 4

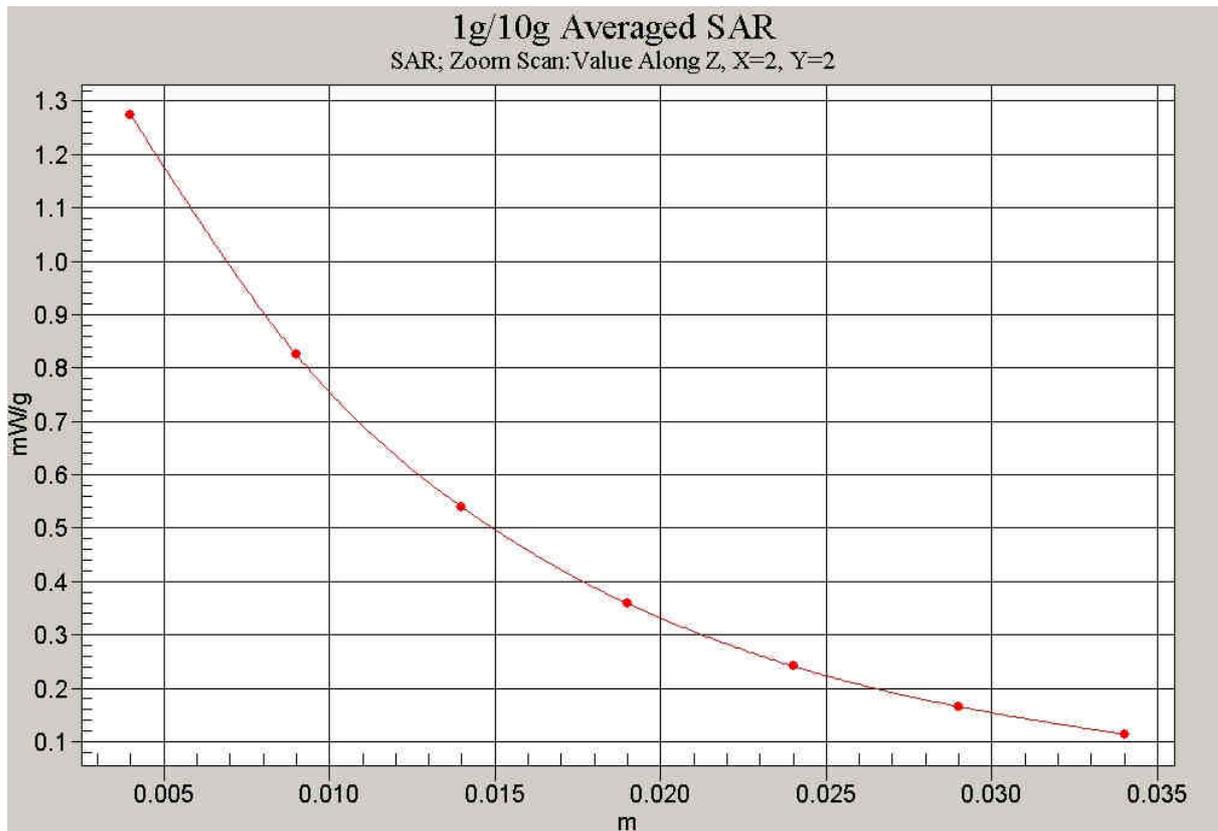


Fig.84 Z-Scan at power reference point (850 MHz GPRS CH251 Test Position 4)

850 GPRS Test Position 4 Middle with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 4/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.29 mW/g

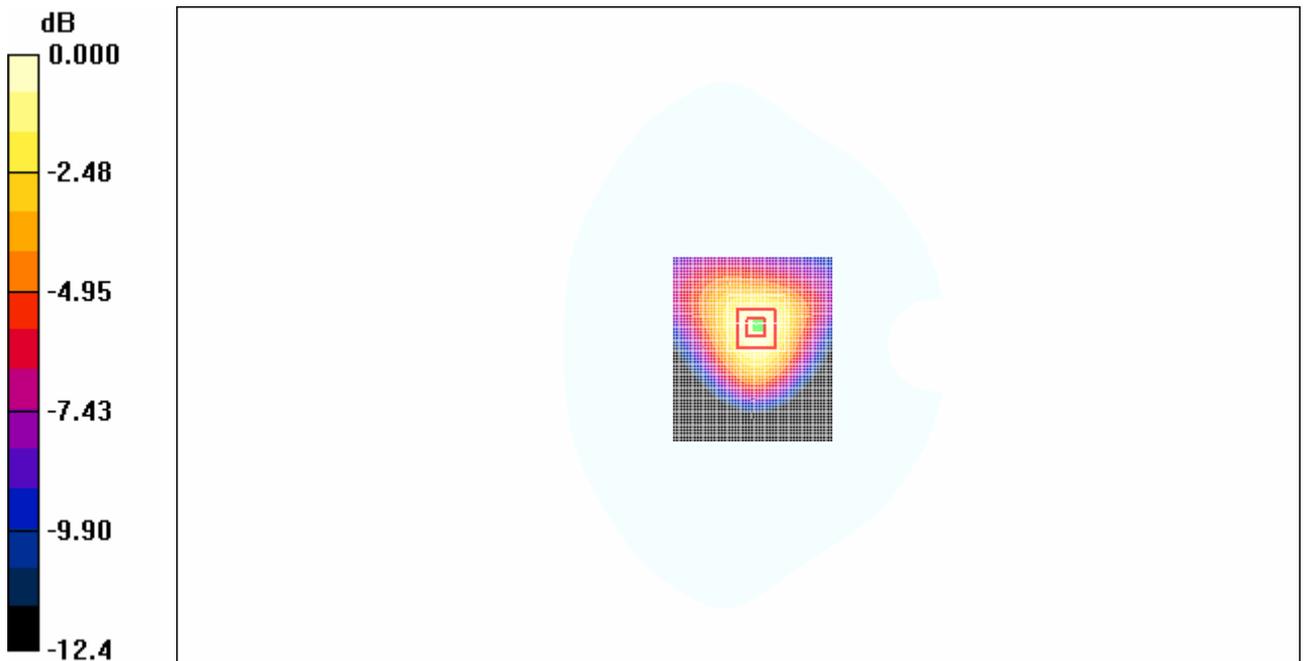
Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.0 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.741 mW/g

Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28mW/g

Fig.85 850MHz GPRS CH190 Test Position 4

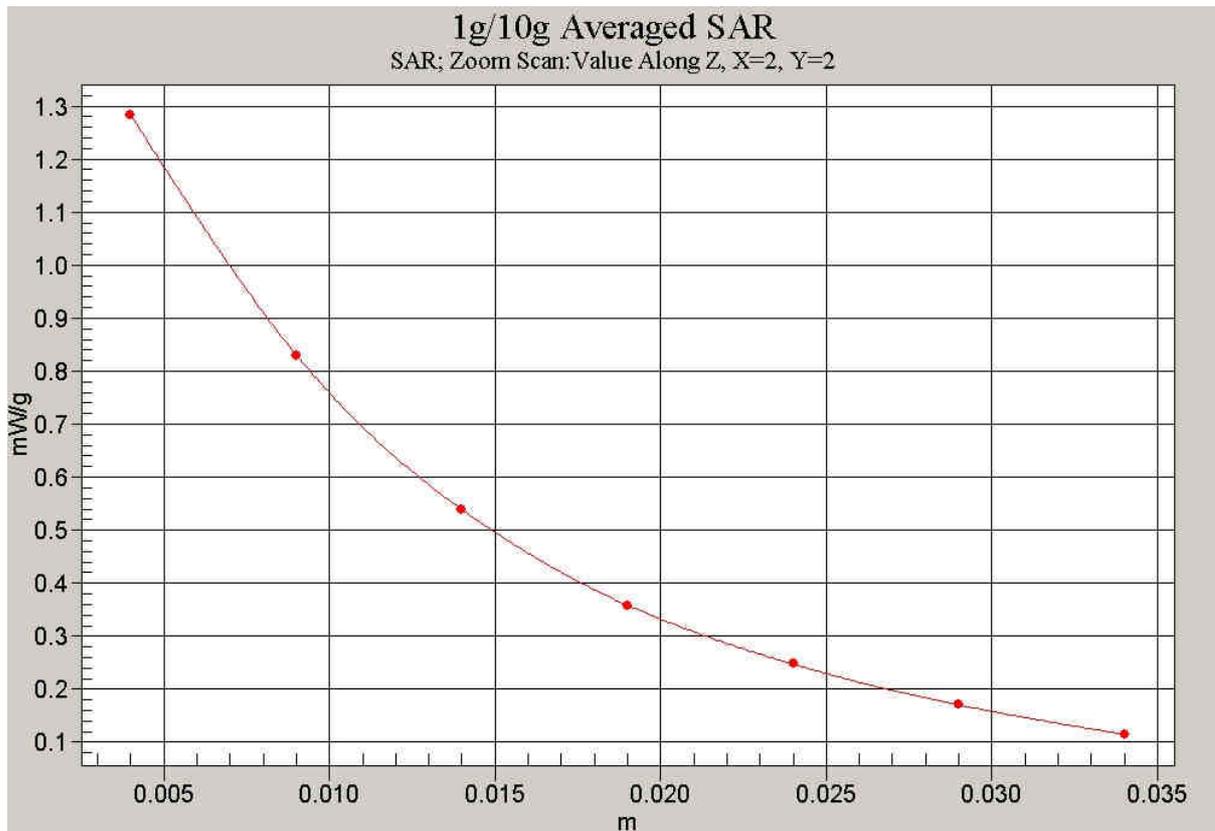


Fig.86 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 4)

850 GPRS Test Position 4 Low with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

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(6.45, 6.45, 6.45)

Test Position 4 Low/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.11 mW/g

Test Position 4 Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.9 V/m ; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.03 mW/g ; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

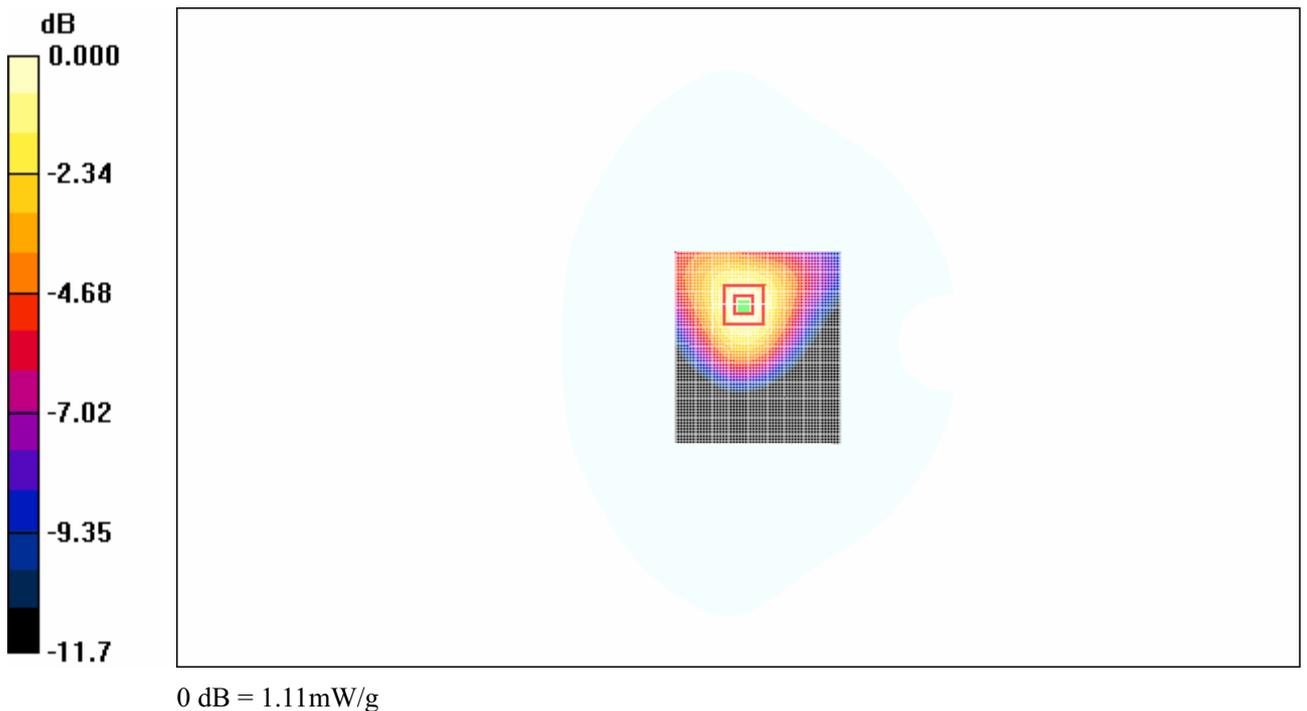


Fig.87 850MHz GPRS CH128 Test Position 4

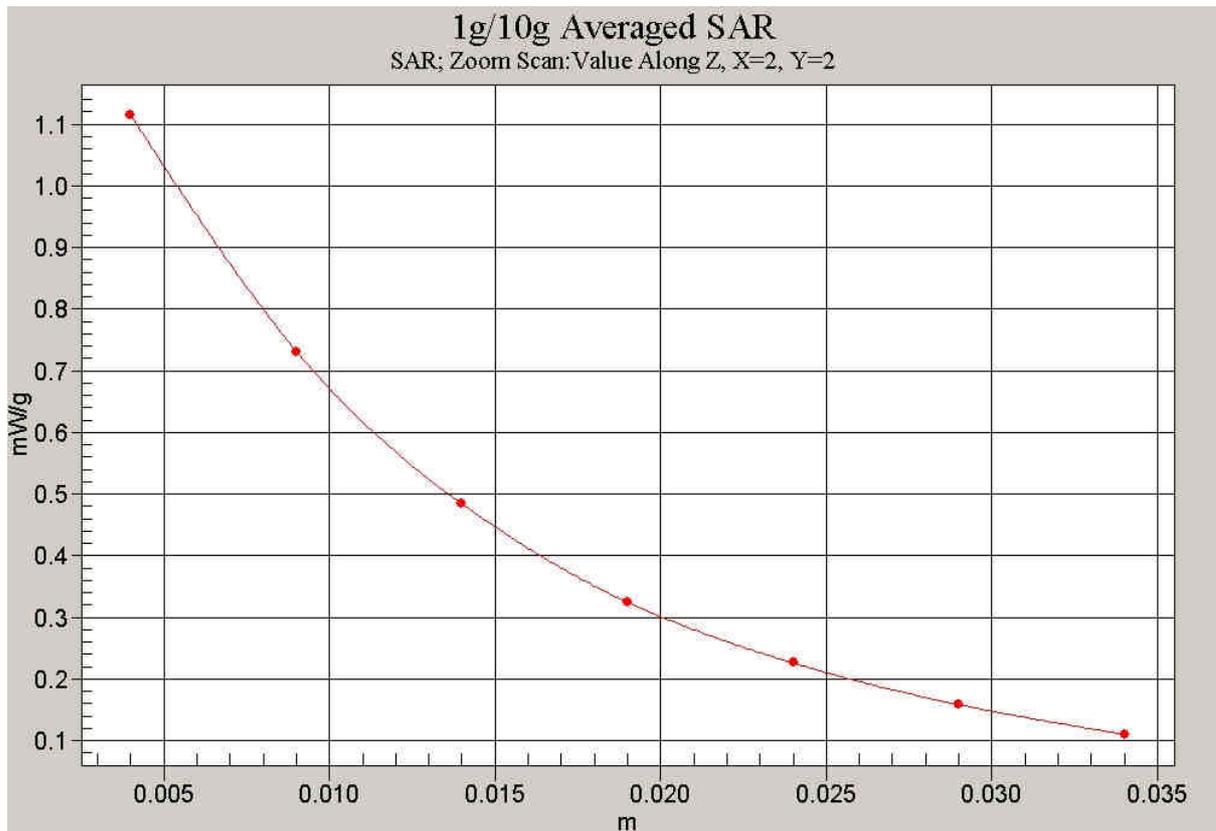


Fig.88 Z-Scan at power reference point (850 MHz GPRS CH128 Test Position 4)

850 GPRS Test Position 5 with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 5/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.171 mW/g

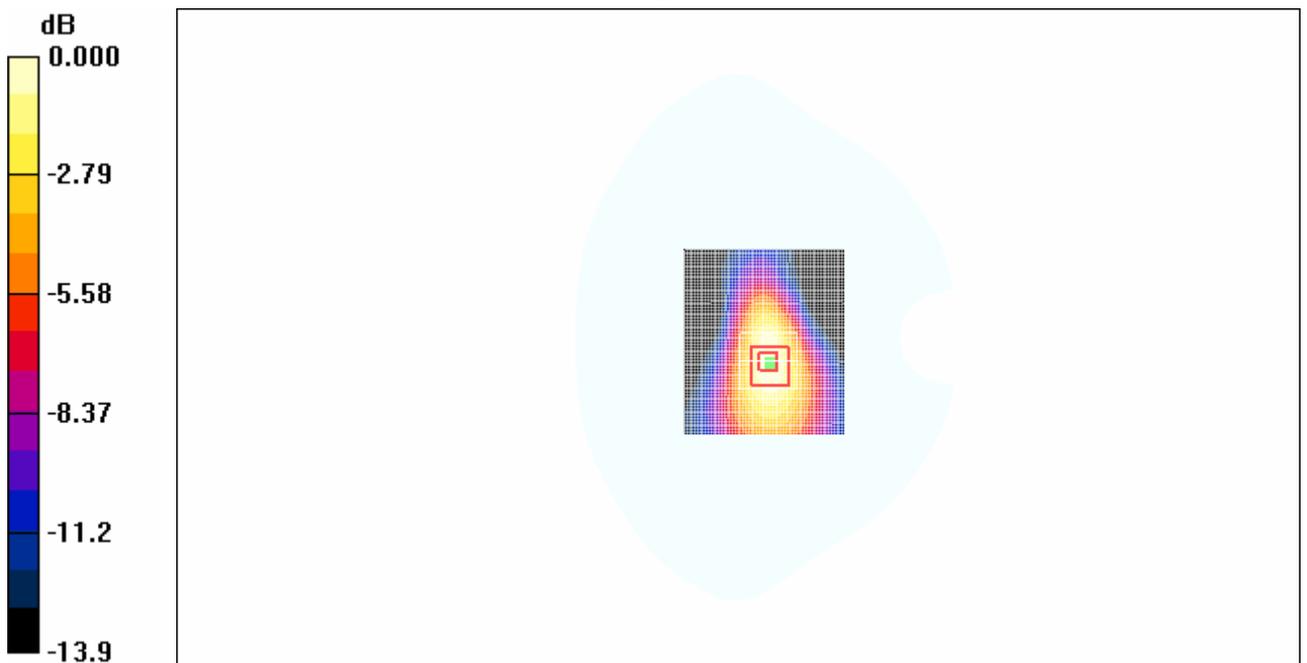
Test Position 5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.163 mW/g



0 dB = 0.163mW/g

Fig.89 850MHz CH190 GPRS Test Position 5

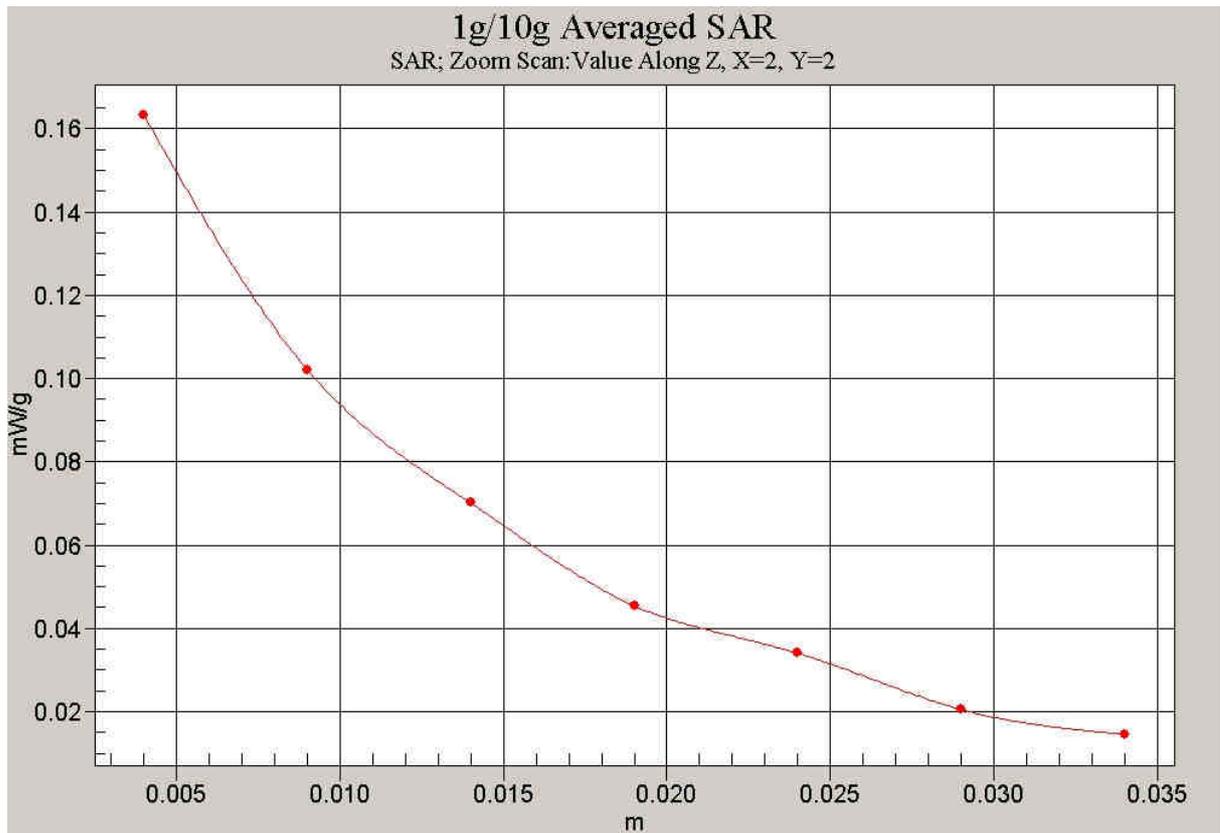


Fig.90 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 5)

850 GPRS Test Position 6 with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 6/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.351 mW/g

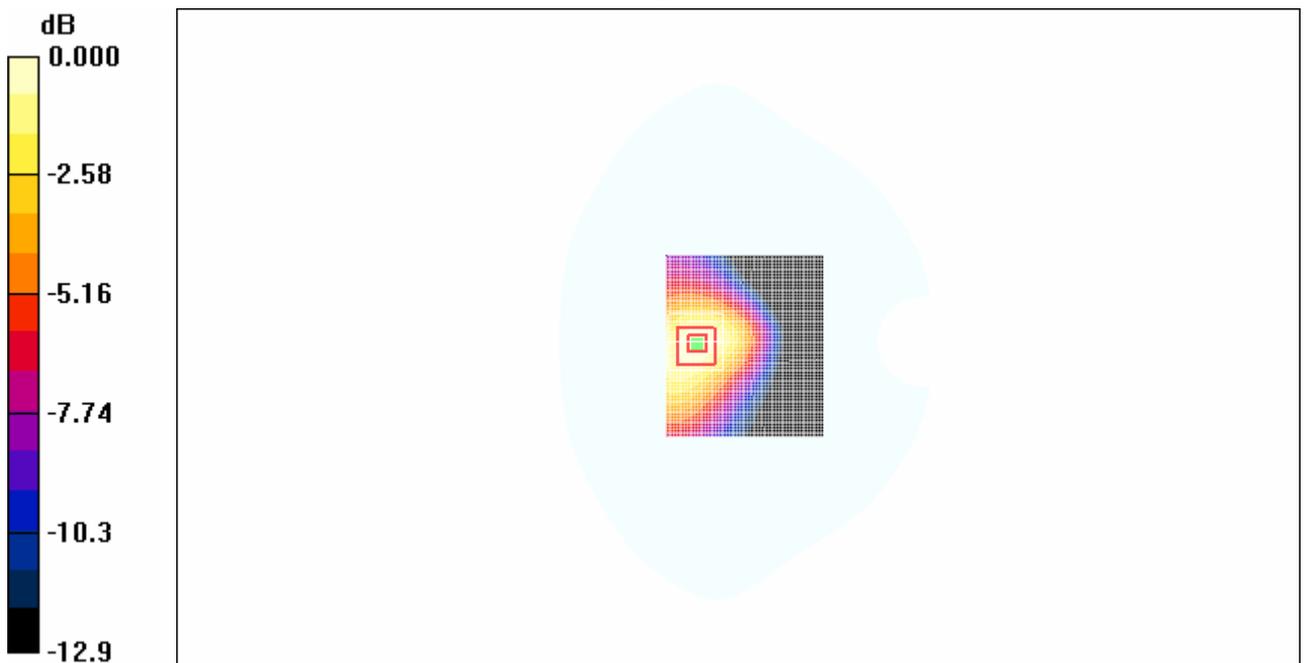
Test Position 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.504 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



0 dB = 0.355mW/g

Fig.91 850MHz CH190 GPRS Test Position 6

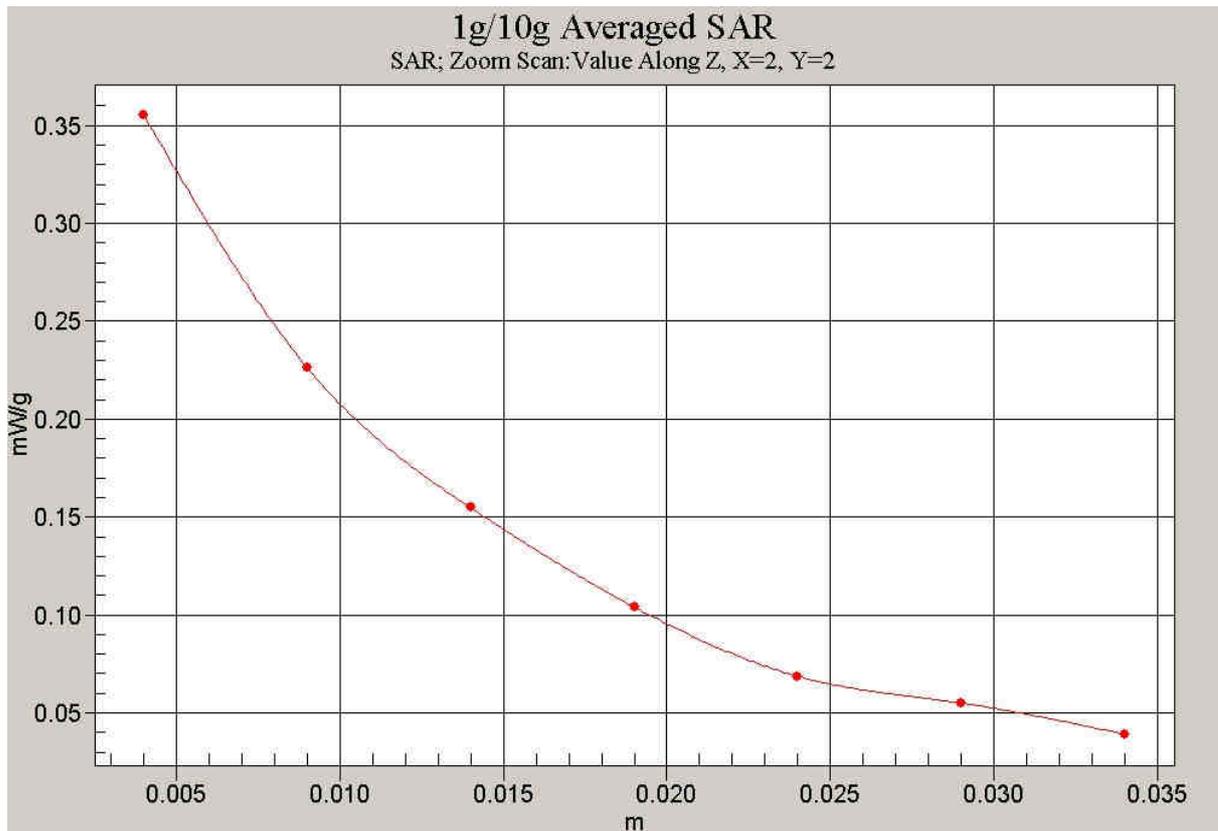


Fig.92 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 6)

850 GPRS Test Position 7 with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 7/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.077 mW/g

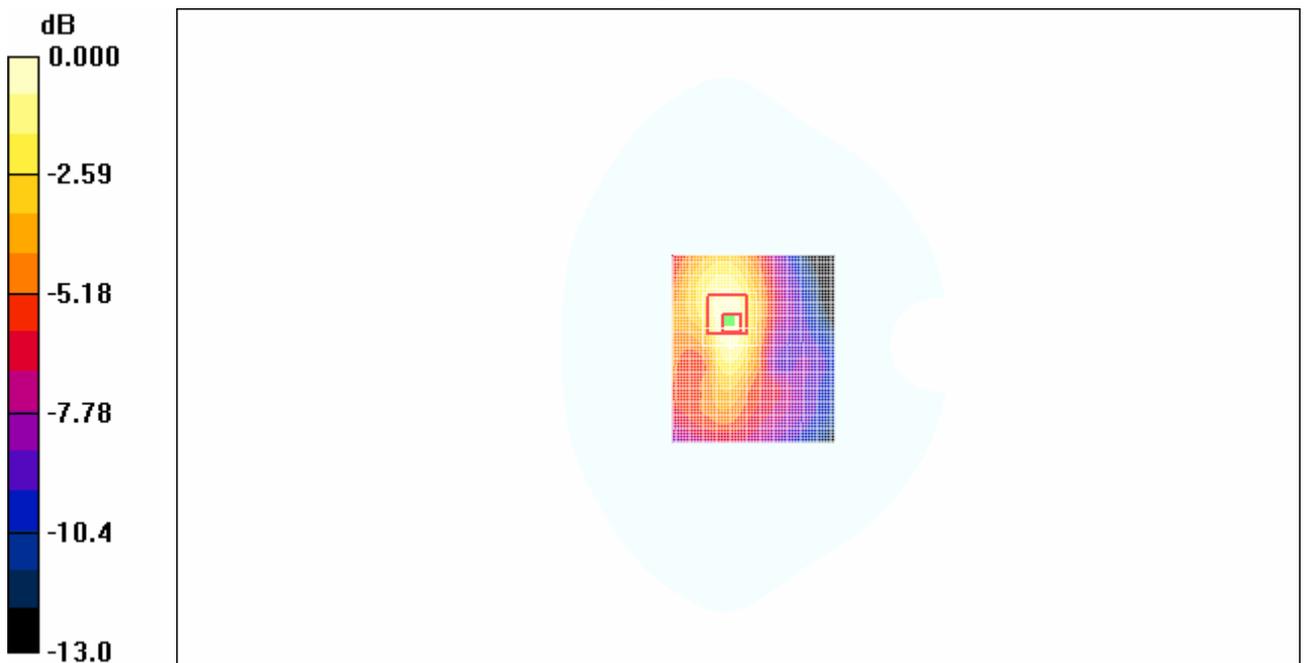
Test Position 7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.95 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



0 dB = 0.074mW/g

Fig.93 850MHz CH190 GPRS Test Position 7

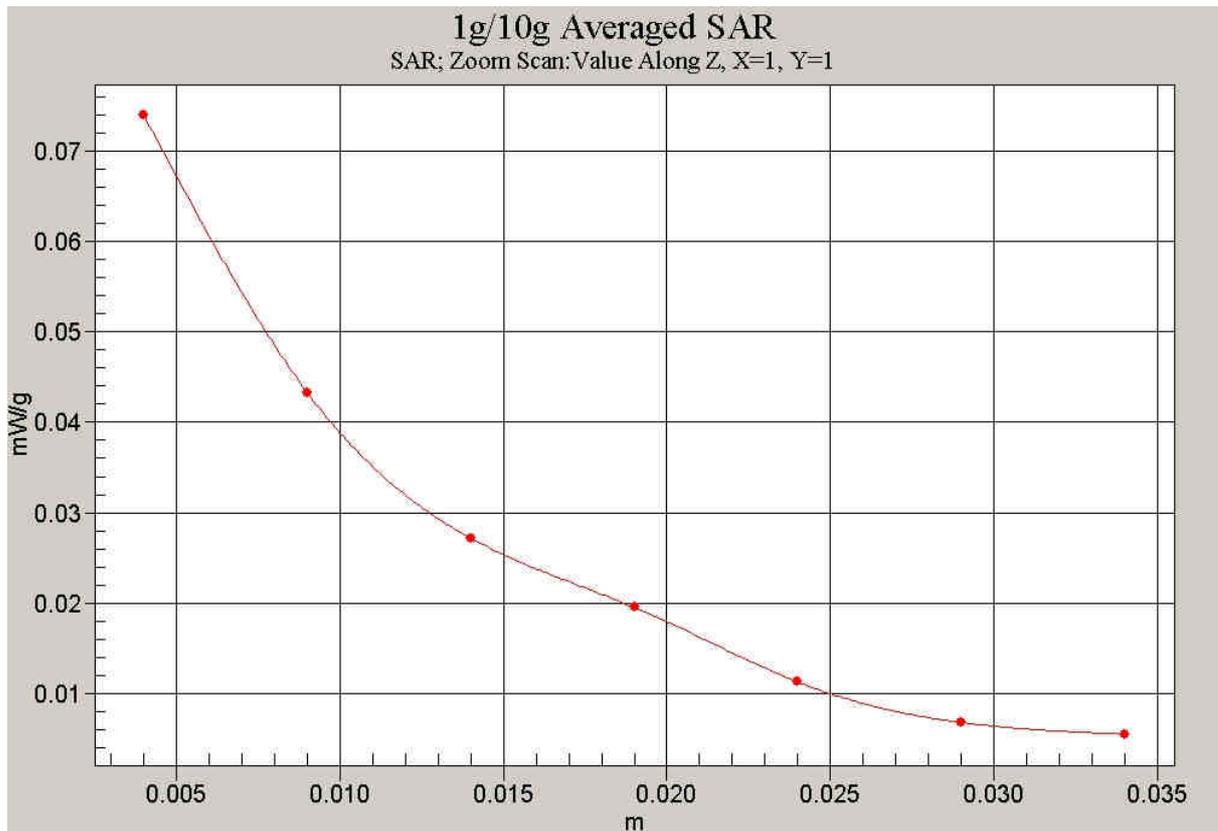


Fig.94 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 7)

850 GPRS Test Position 8 with IBM Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 8/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.315 mW/g

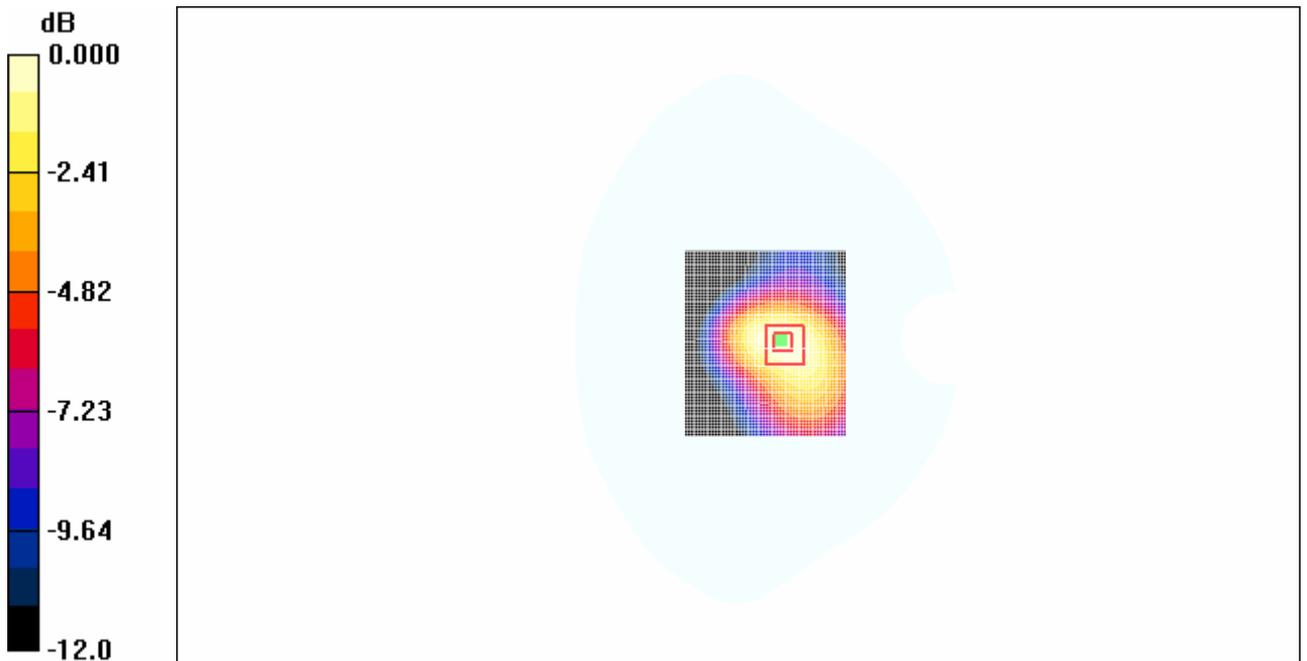
Test Position 8/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.442 W/kg

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.301mW/g

Fig.95 850MHz CH190 GPRS Test Position 8

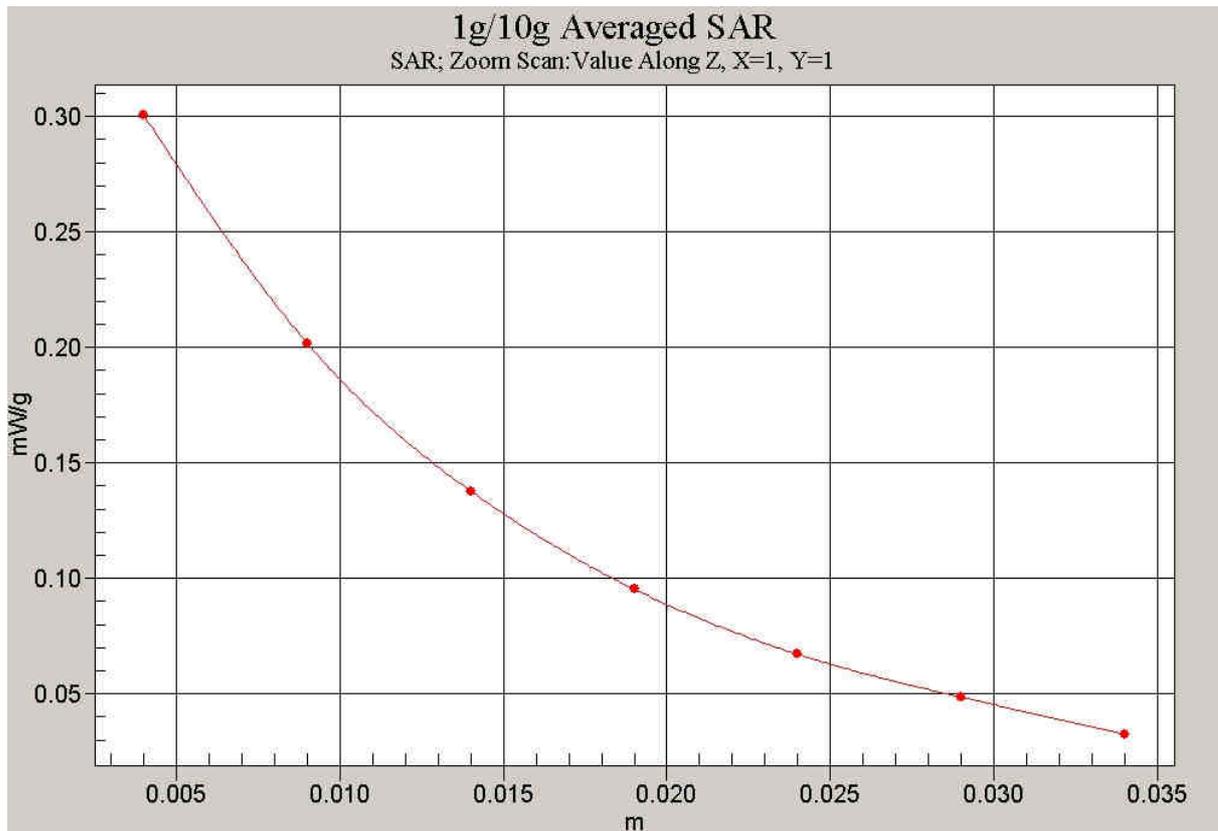


Fig.96 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 8)

850MHz GPRS Test Position 1 with IBM Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 1/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.169 mW/g

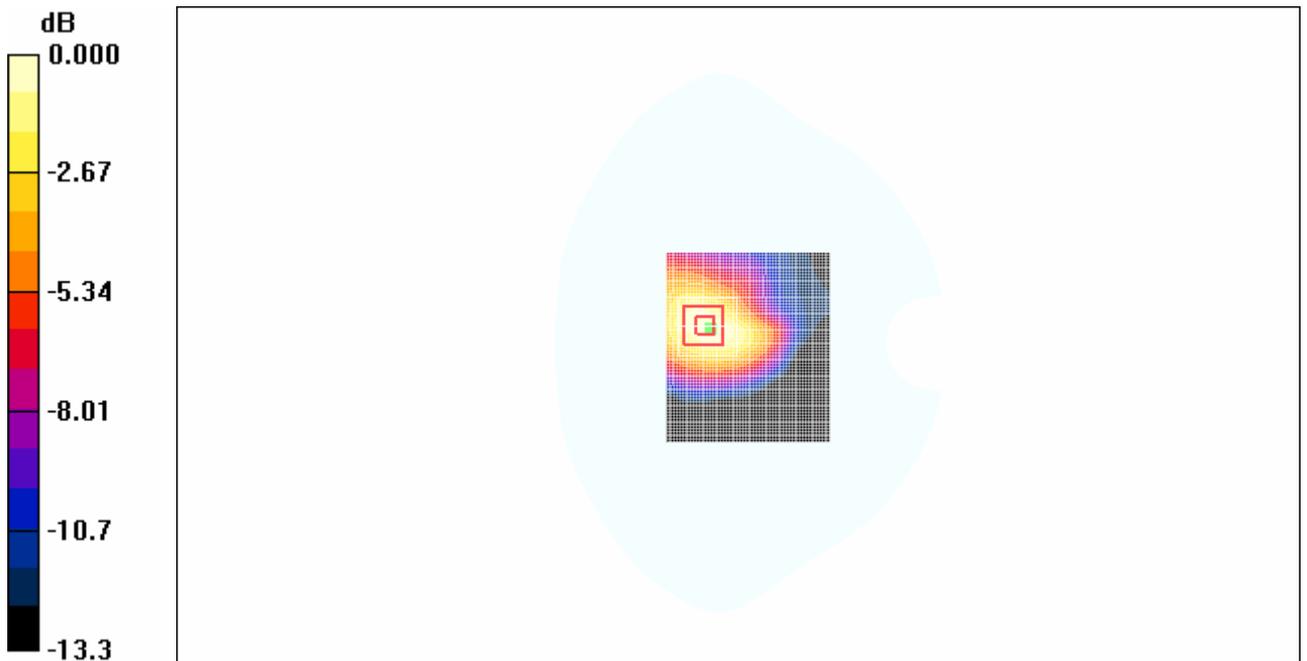
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168mW/g

Fig.97 850MHz GPRS CH190 Test Position 1

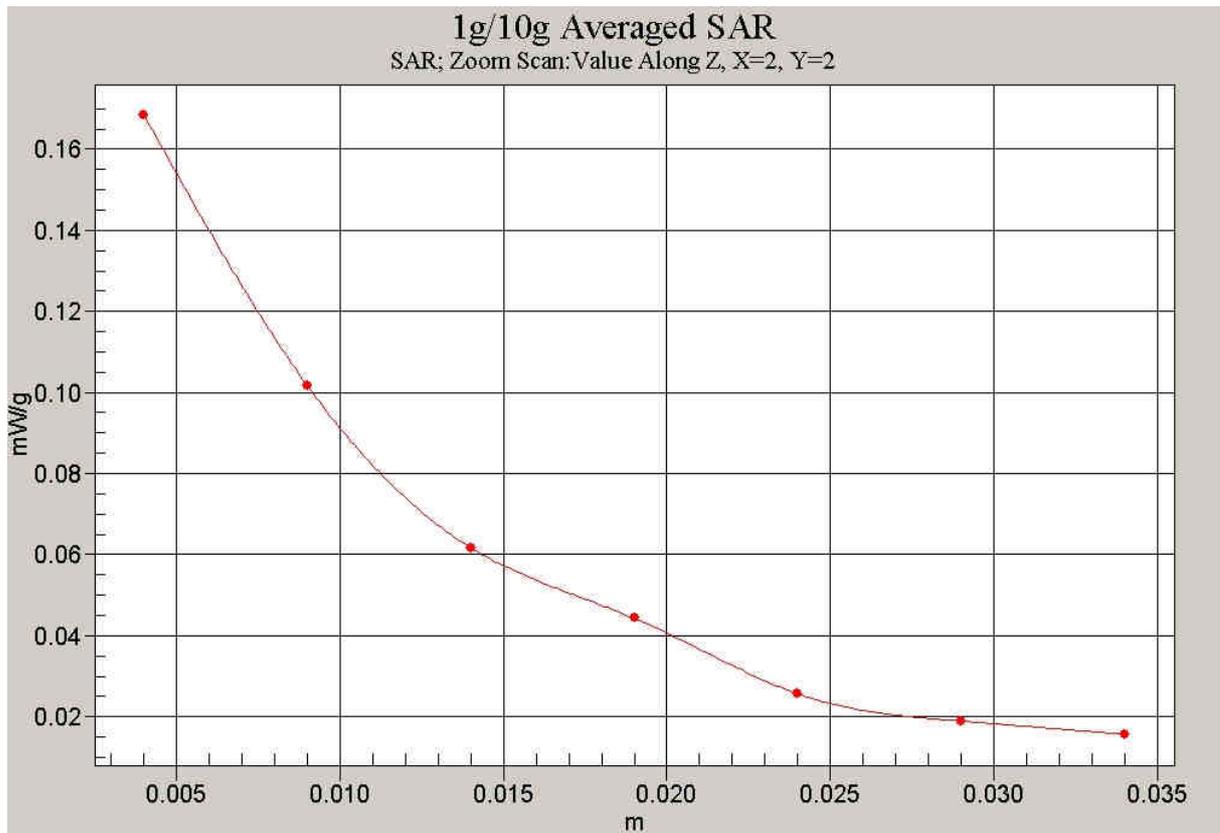


Fig.98 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850MHz GPRS Test Position 2 with IBM Laptop -antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 2/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.144 mW/g

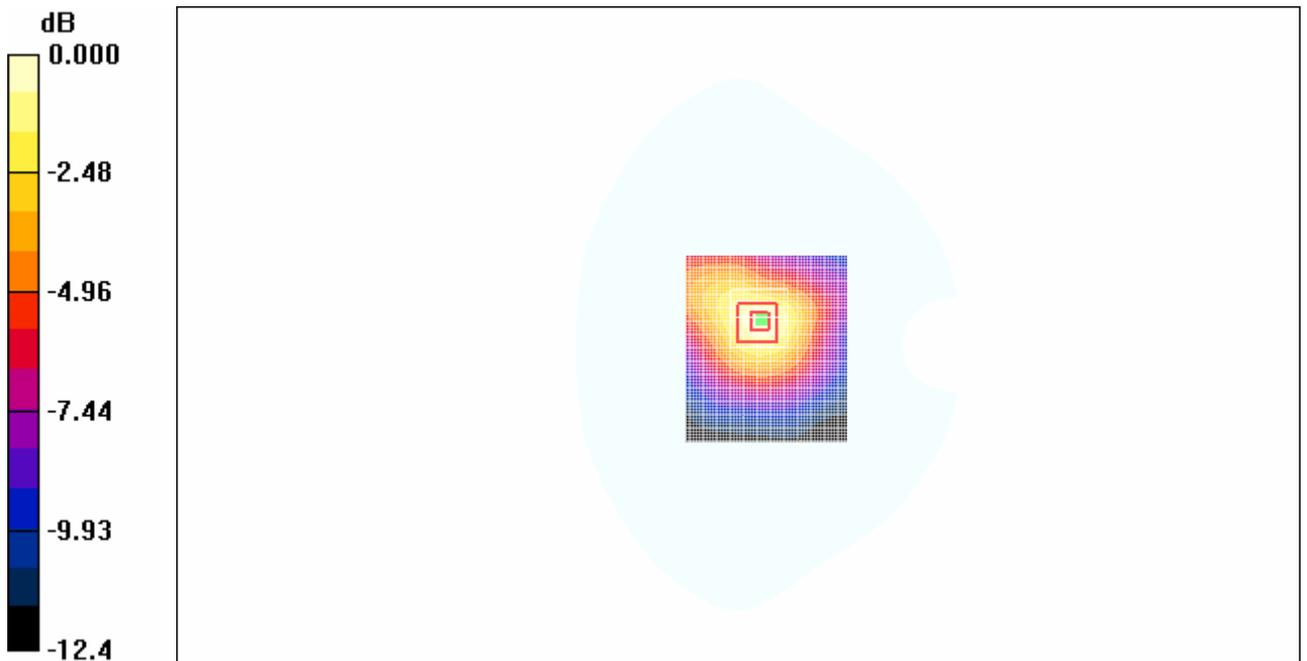
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

Fig.99 850MHz GPRS CH190 Test Position 2

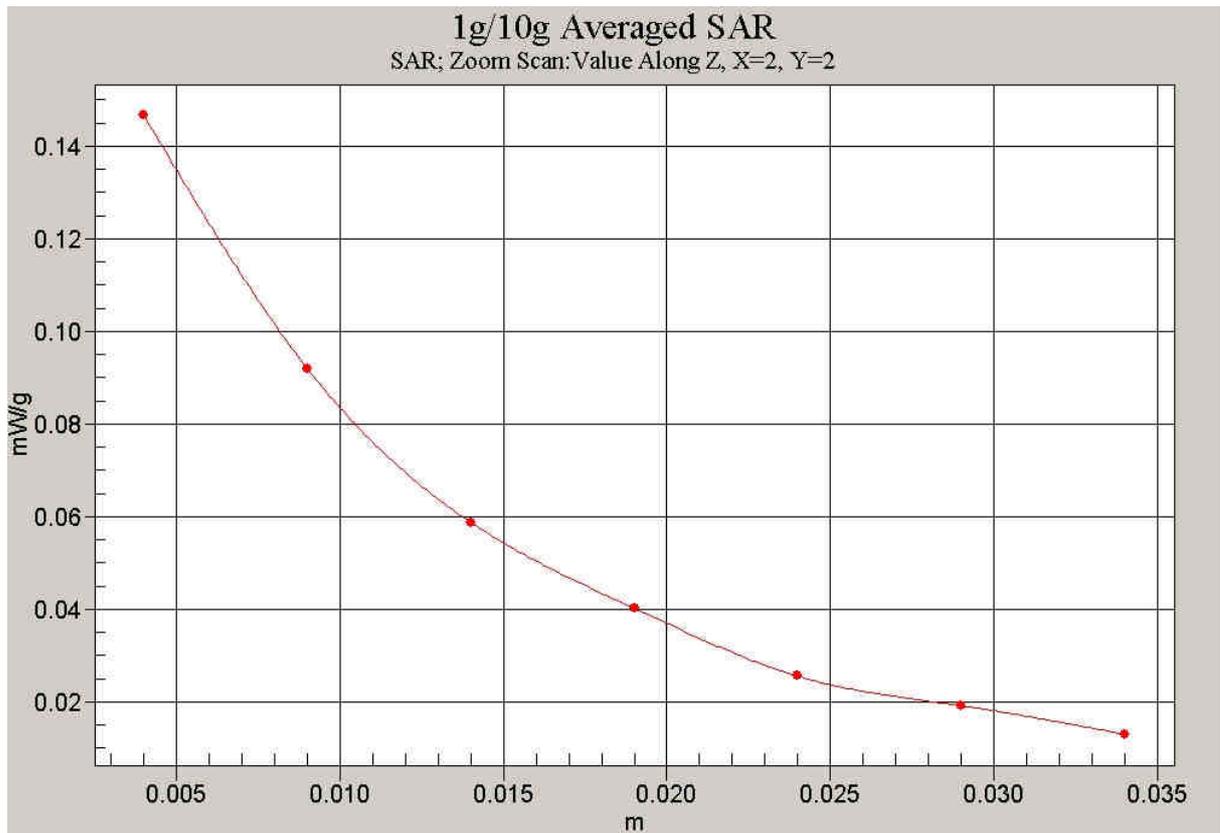


Fig.100 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

850MHz GPRS Test Position 3 with IBM Laptop -antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 3/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.175 mW/g

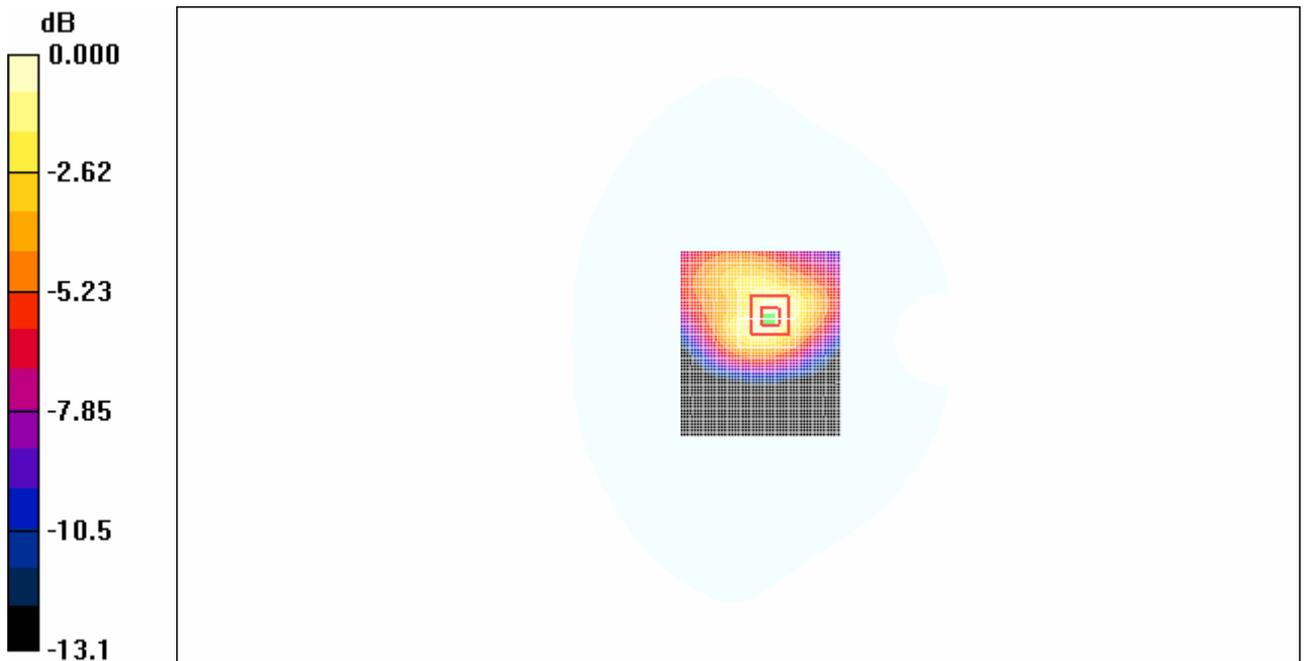
Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.178 mW/g



0 dB = 0.178mW/g

Fig.101 850MHz GPRS CH190 Test Position 3

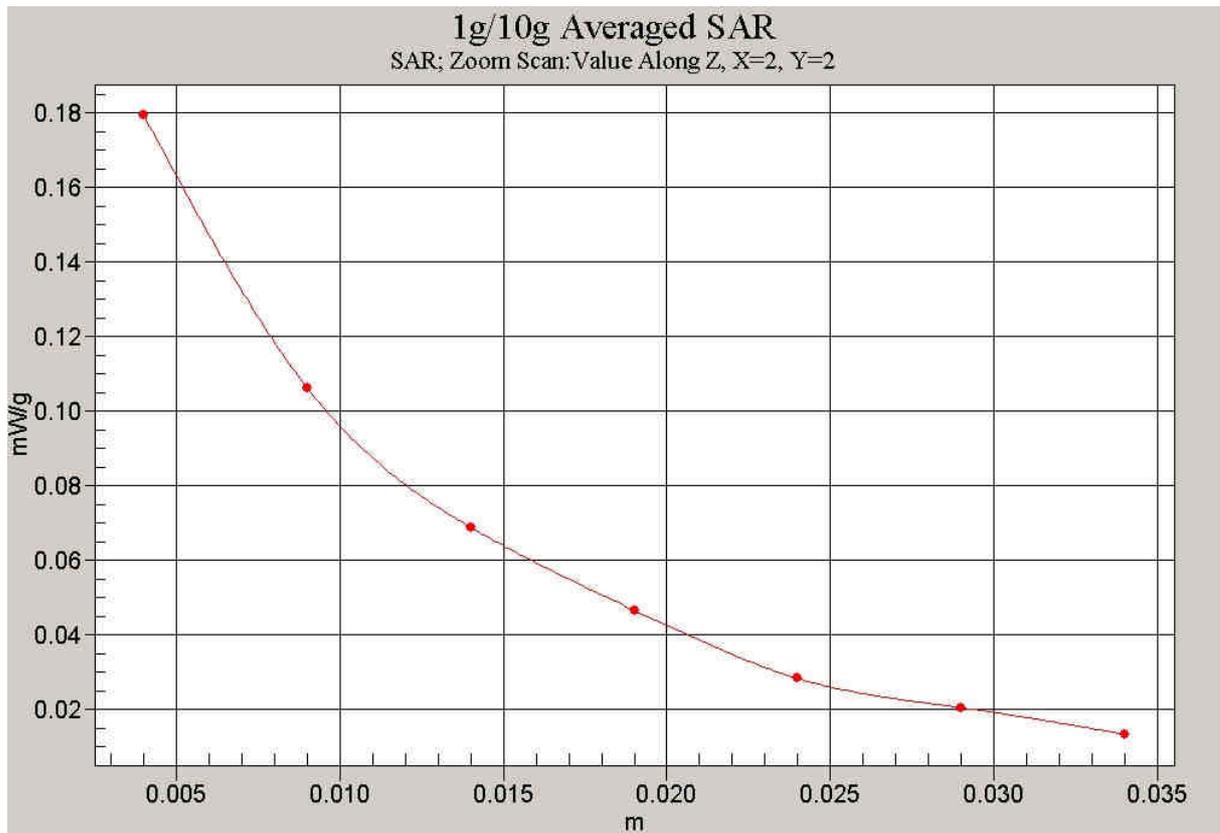


Fig.102 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 3)

850MHz GPRS Test Position 4 with IBM Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 4/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.958 mW/g

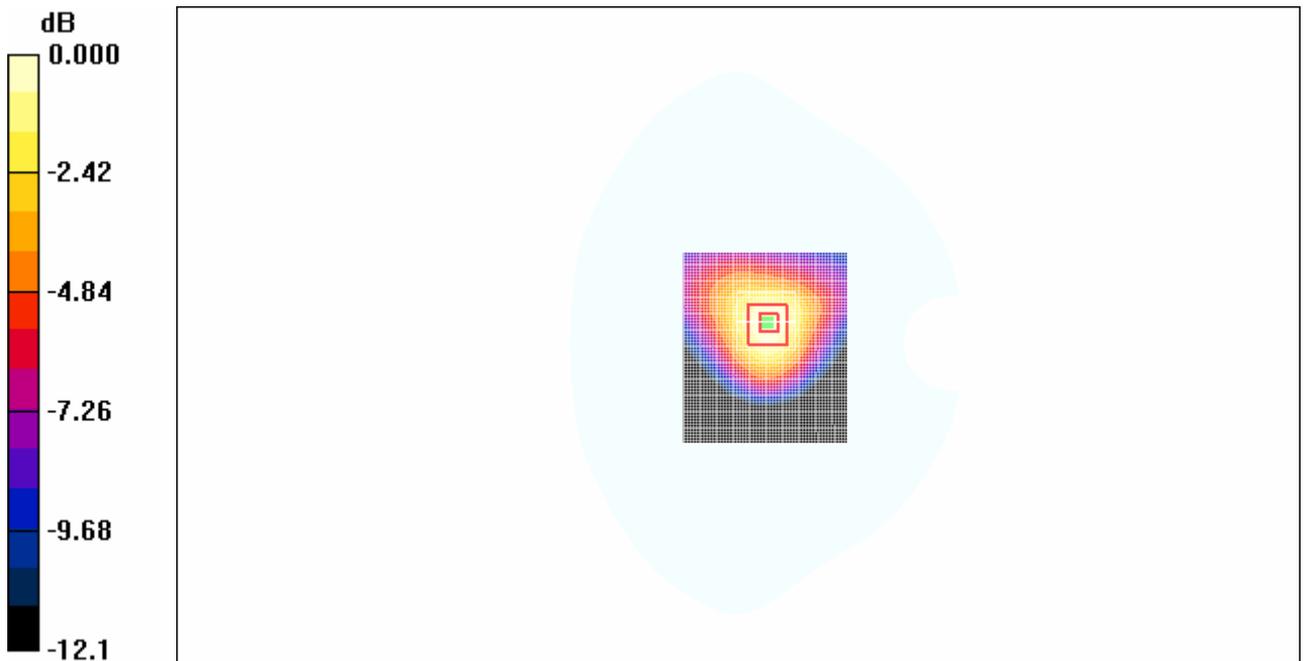
Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.541 mW/g

Maximum value of SAR (measured) = 0.944 mW/g



0 dB = 0.944mW/g

Fig.103 850MHz GPRS CH190 Test Position 4

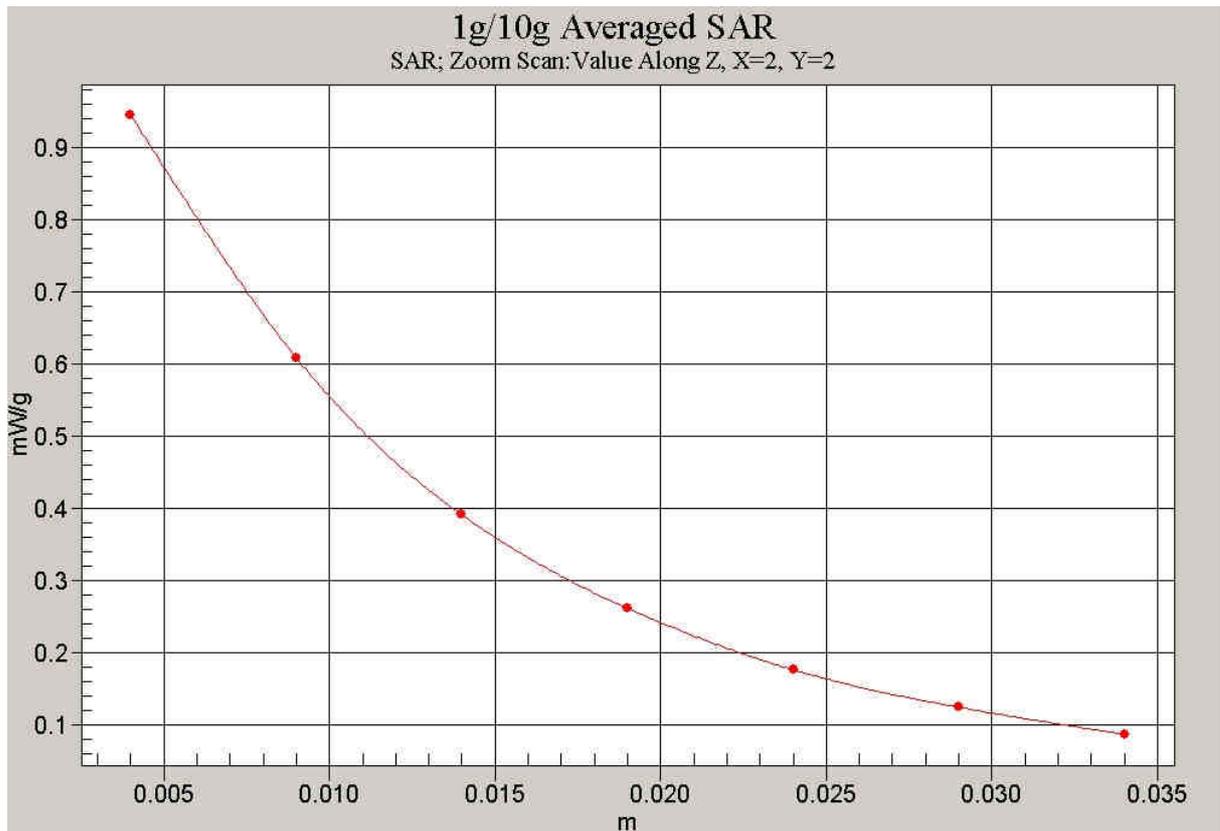


Fig.104 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 4)

850MHz GPRS Test Position 5 with IBM Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 5/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.151 mW/g

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

Reference Value = 10.6 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.145 mW/g

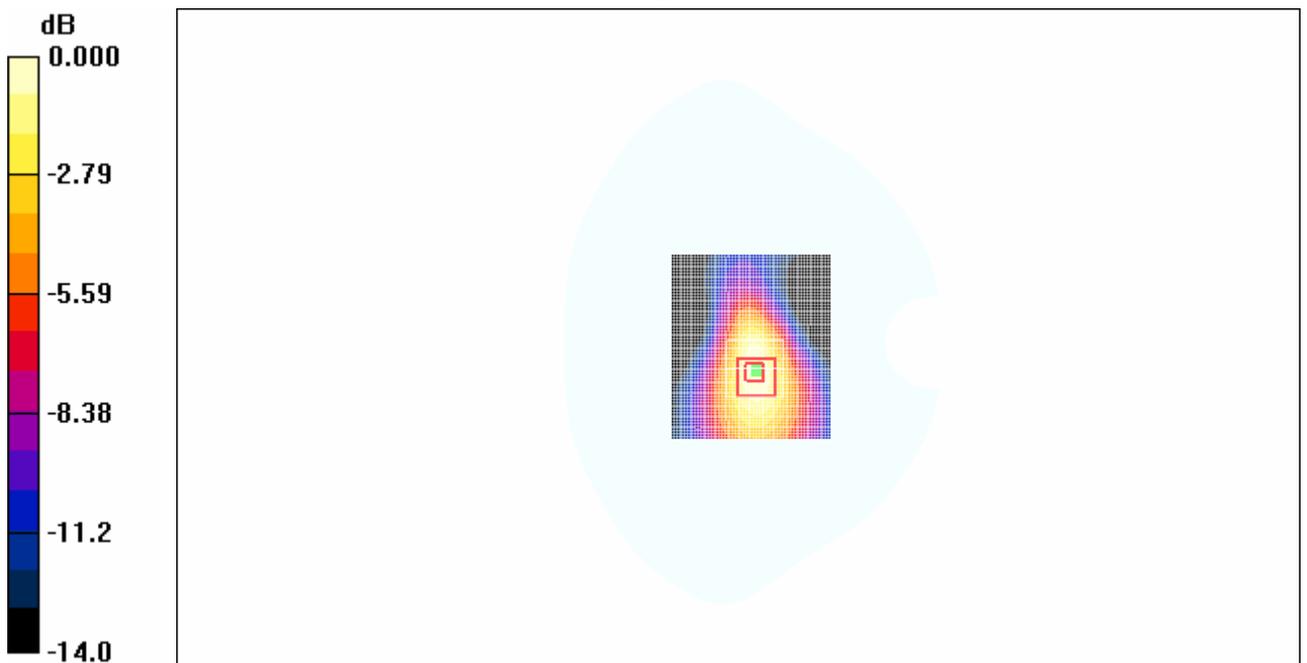


Fig.105 850MHz GPRS CH190 Test Position 5

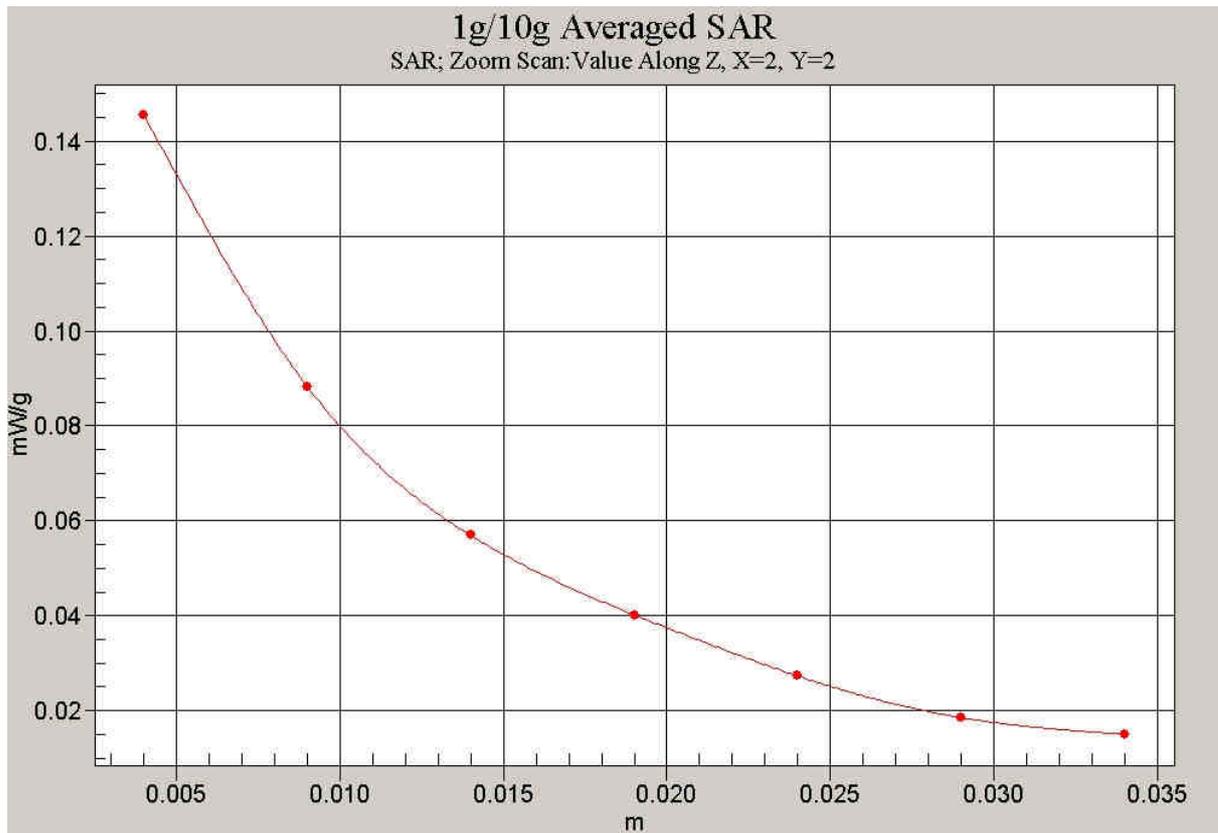


Fig.106 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 5)

850MHz GPRS Test Position 6 with IBM Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 6/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

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

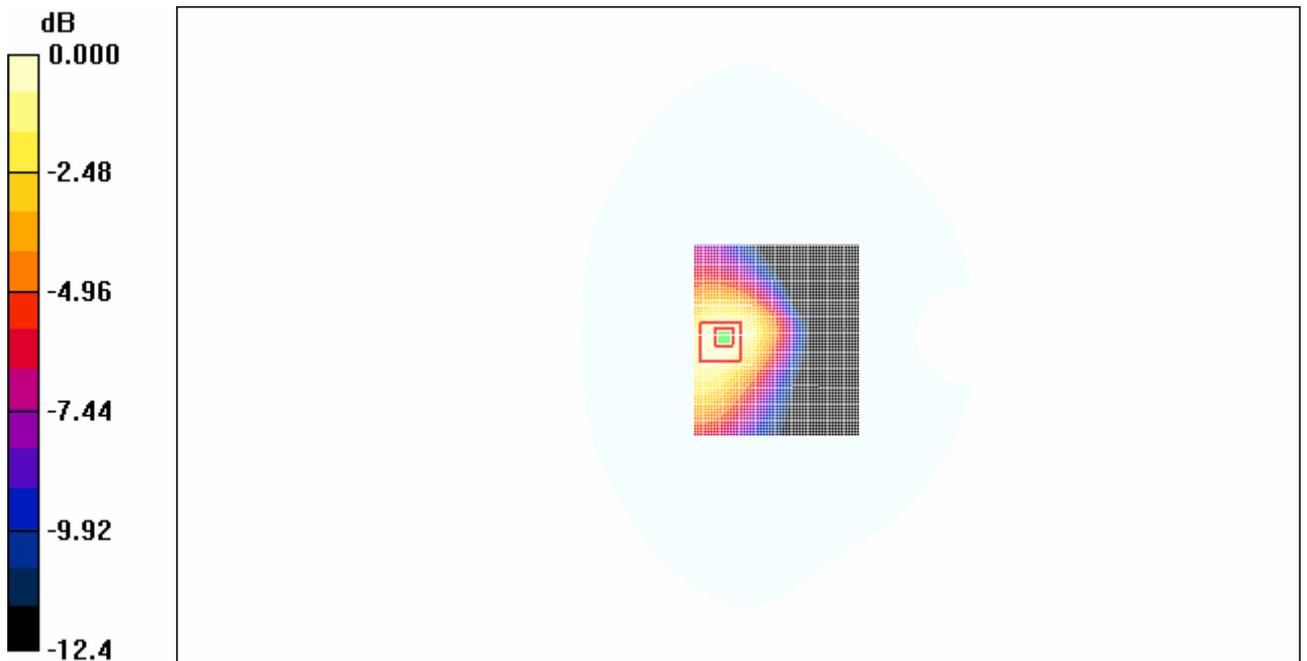
Test Position 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.68 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.248mW/g

Fig.107 850MHz GPRS CH190 Test Position 6

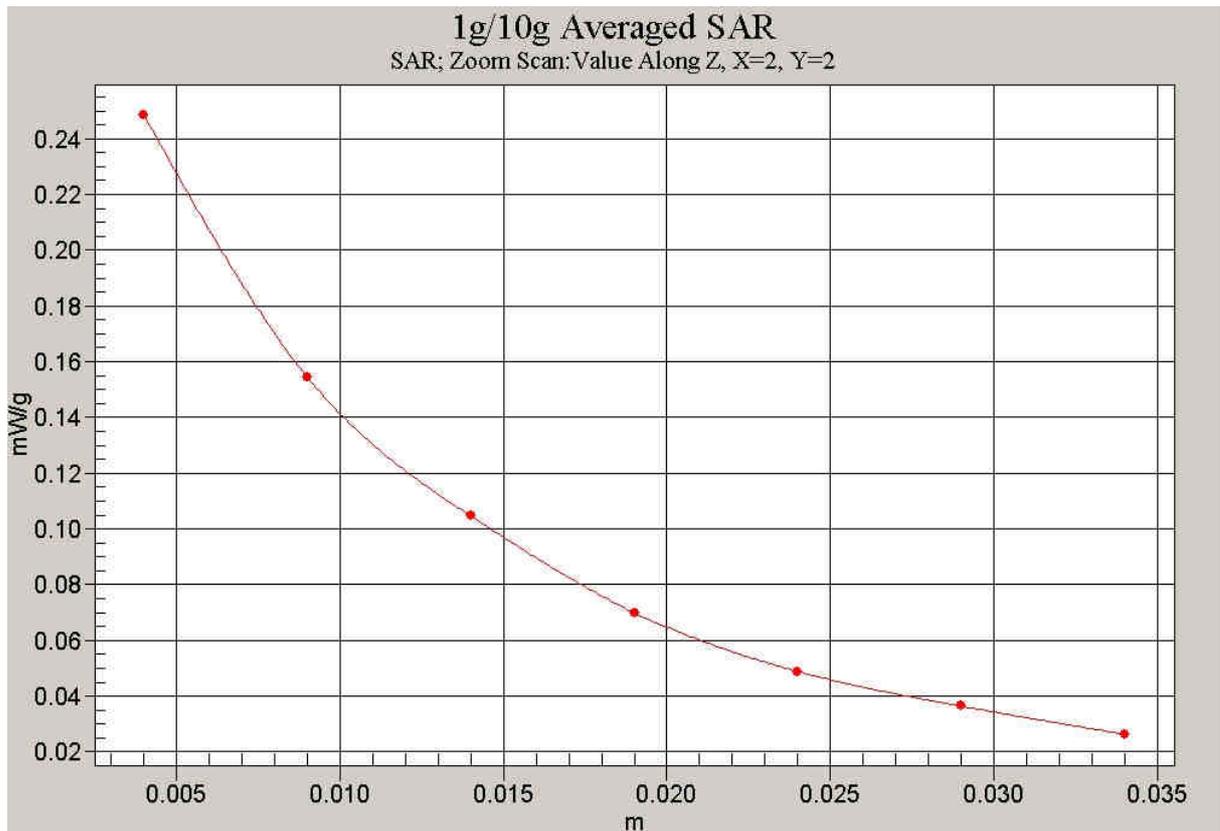


Fig.108 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 6)

850MHz GPRS Test Position 7 with IBM Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 7/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.055 mW/g

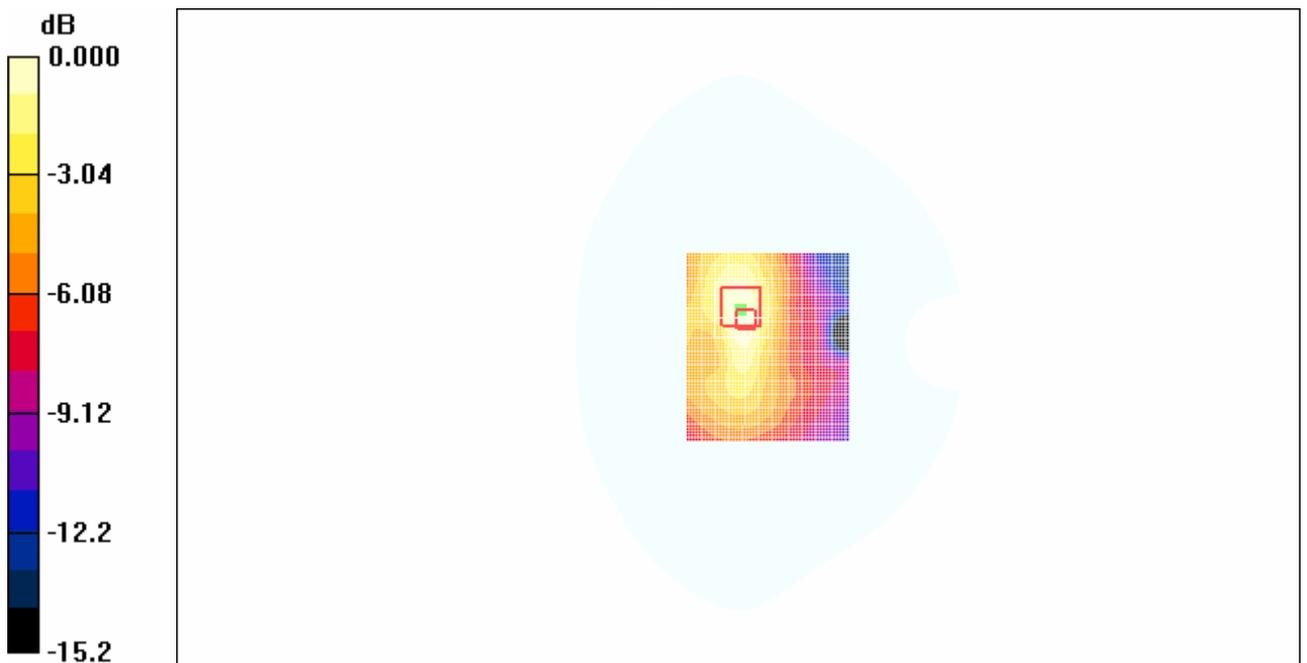
Test Position 7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.78 V/m; Power Drift = 0.168 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.054mW/g

Fig.109 850MHz CH190 GPRS Test Position 7

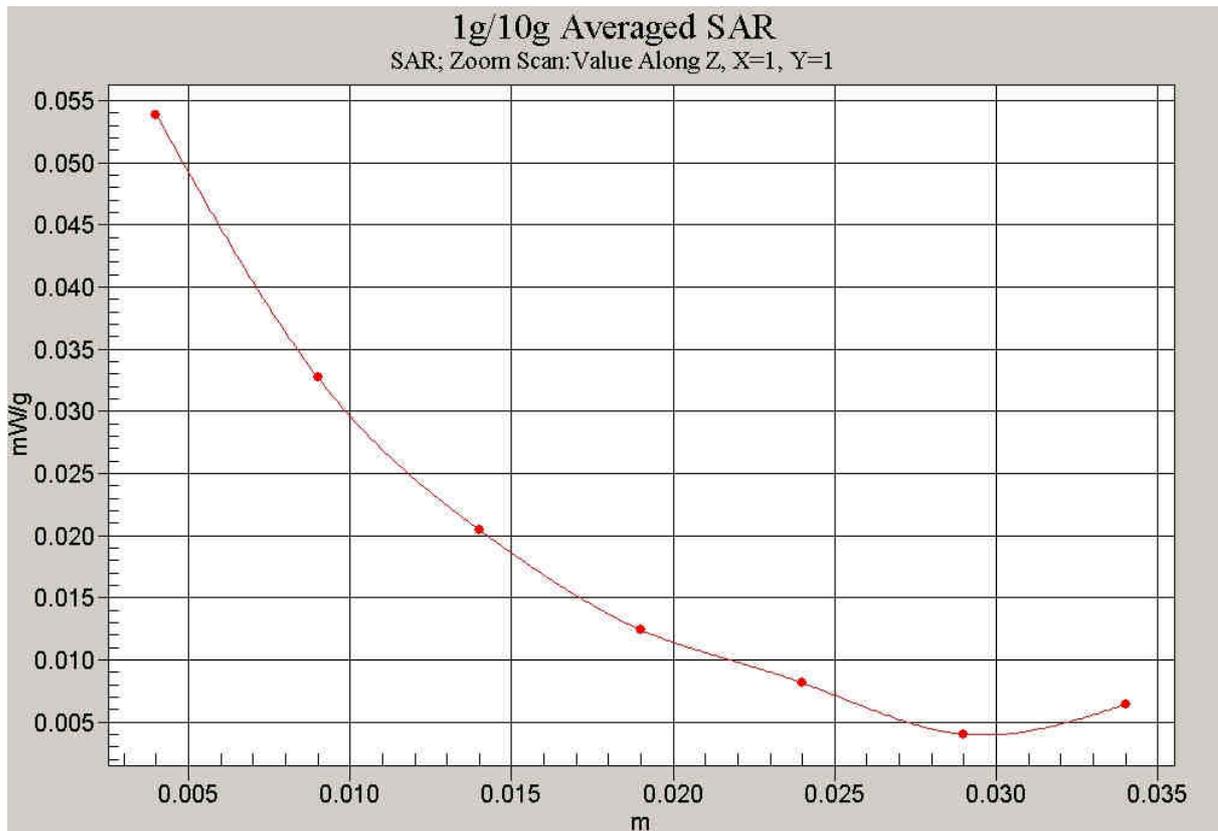


Fig.110 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 7)

850MHz GPRS Test Position 8 with IBM Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Test Position 8/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.204 mW/g

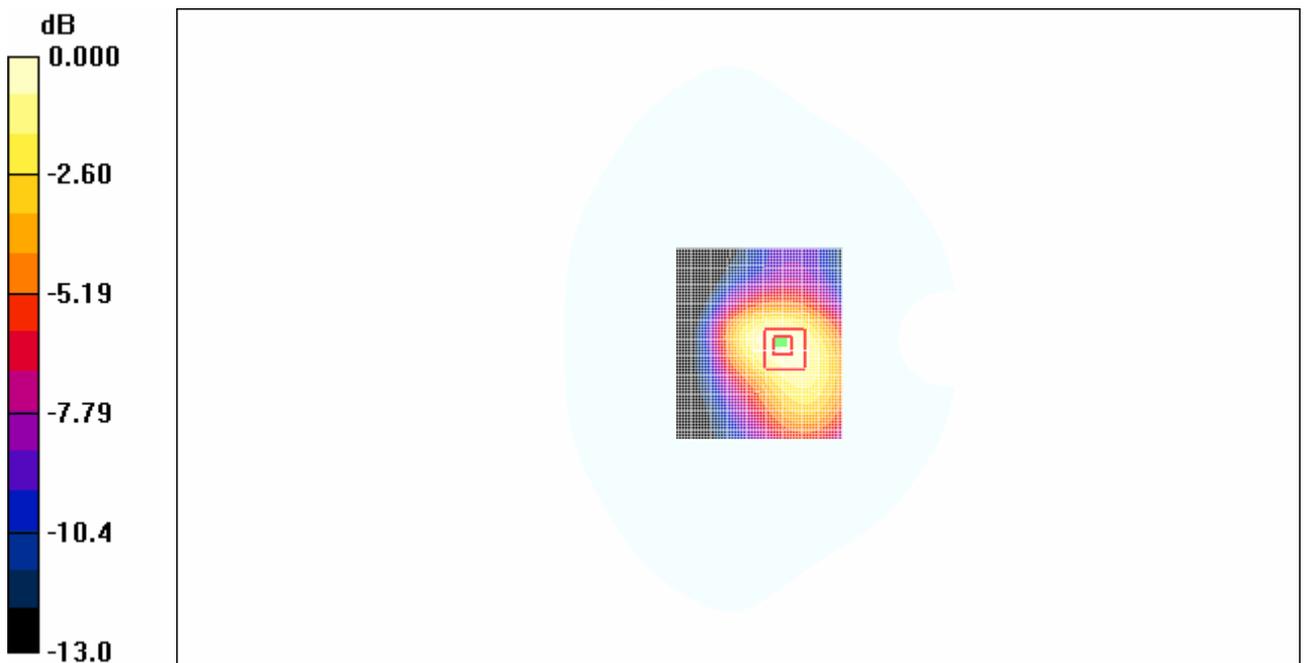
Test Position 8/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

Fig.111 850MHz CH190 GPRS Test Position 8

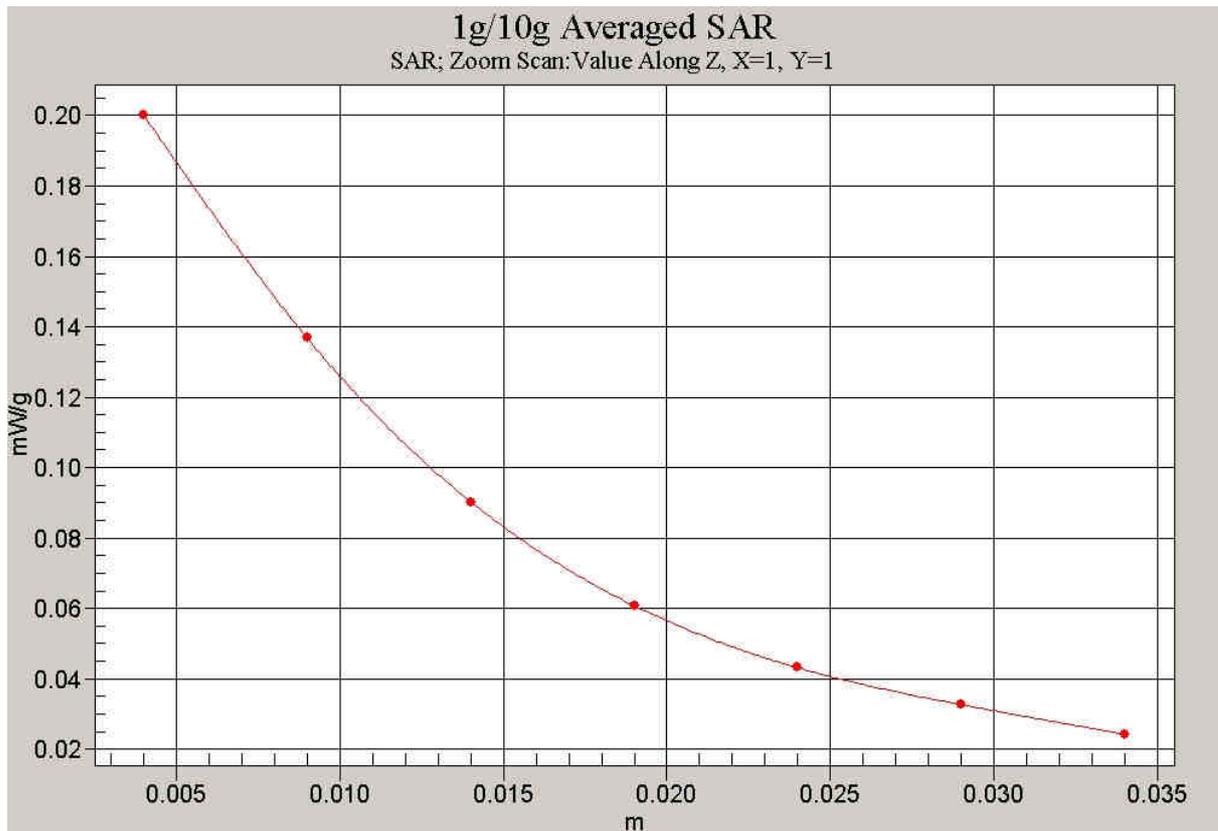


Fig.112 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 8)

1900MHz GPRS Test Position 7 with DELL Laptop-antenna retracted (4 timeslots in uplink)

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2

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

Test Position 7/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.595 mW/g

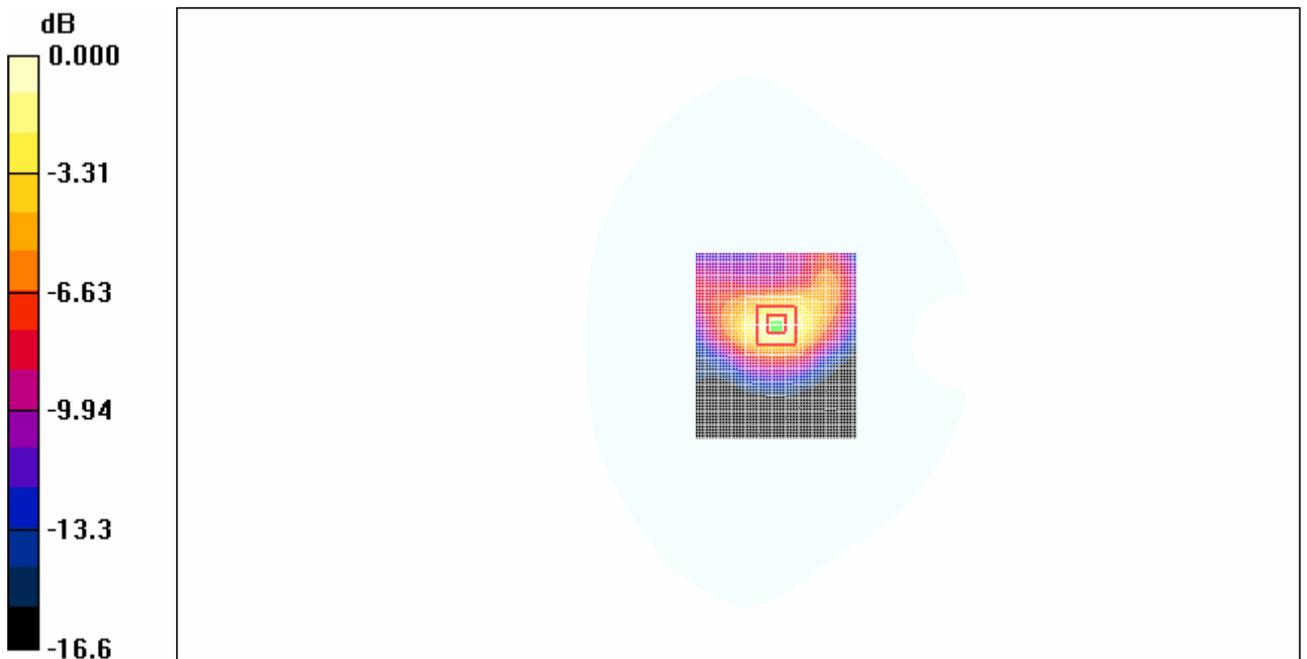
Test Position 7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.5 V/m ; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.583 mW/g ; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.639 mW/g



0 dB = 0.639mW/g

Fig.113 1900MHz GPRS CH661 with DELL Laptop (4 timeslots in uplink)

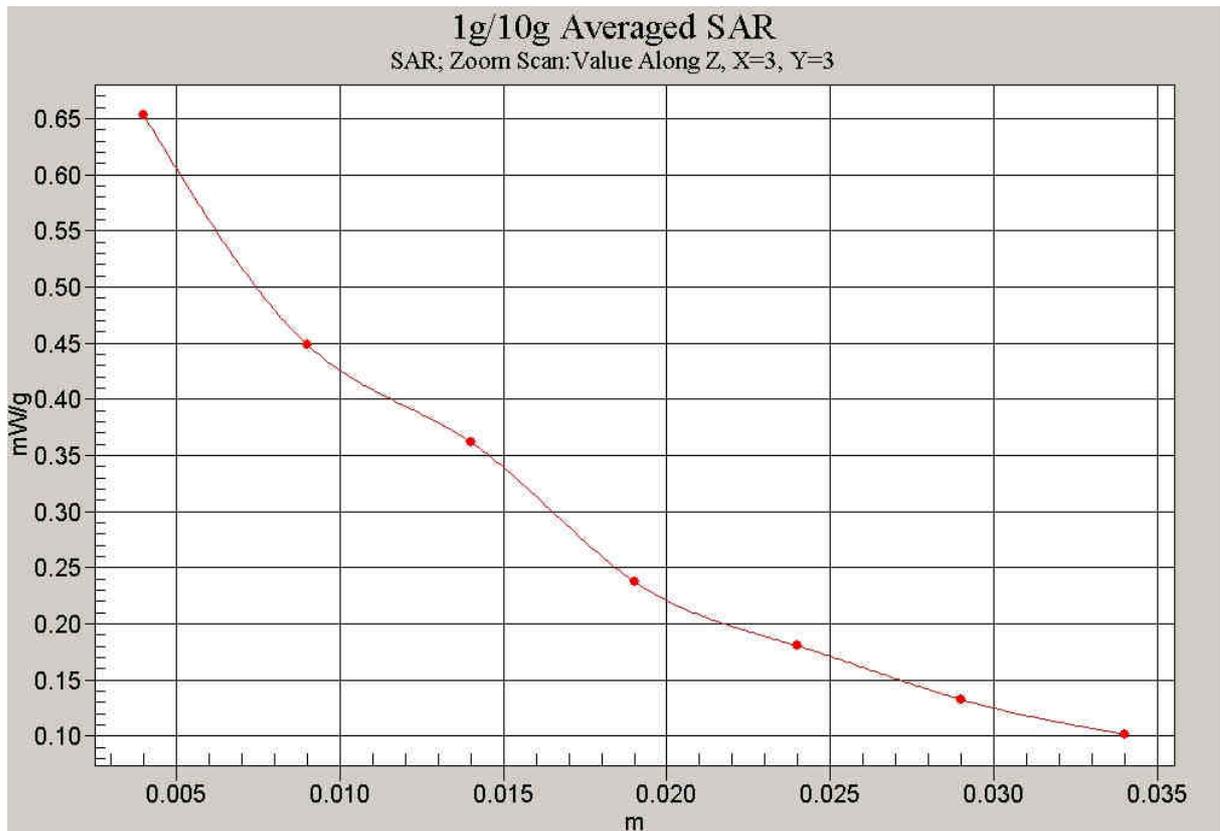


Fig.114 Z-Scan at power reference point (1900MHz GPRS CH661 with DELL Laptop -4 timeslots in uplink)

1900MHz GPRS Test Position 7 with DELL Laptop-antenna retracted (3 timeslots in uplink)

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2.67

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

Test Position 3/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.828 mW/g

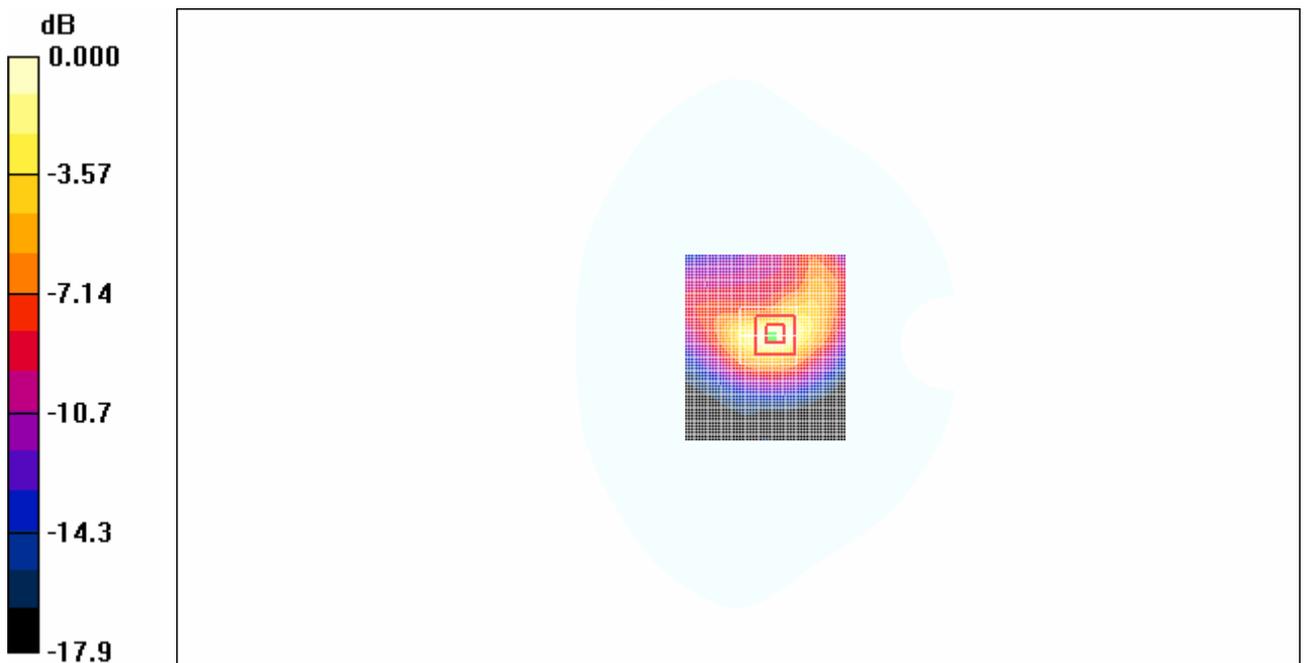
Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.6 V/m ; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.746 mW/g ; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.819 mW/g



0 dB = 0.819mW/g

Fig.115 1900MHz GPRS CH661 with DELL Laptop (3 timeslots in uplink)

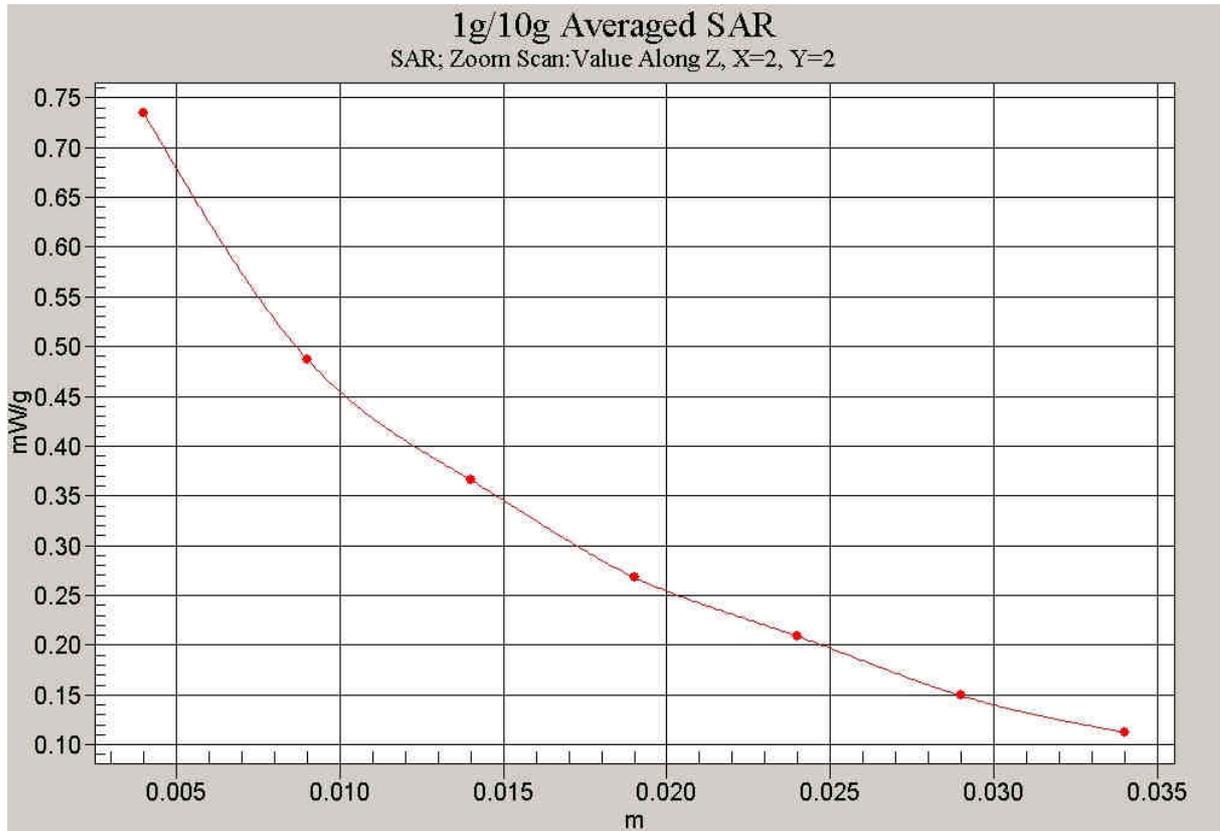


Fig.116 Z-Scan at power reference point (1900MHz GPRS CH661 with DELL Laptop -3 timeslots in uplink)

1900MHz GPRS Test Position 7 with DELL Laptop-antenna retracted (2 timeslots in uplink)

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 7/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.955 mW/g

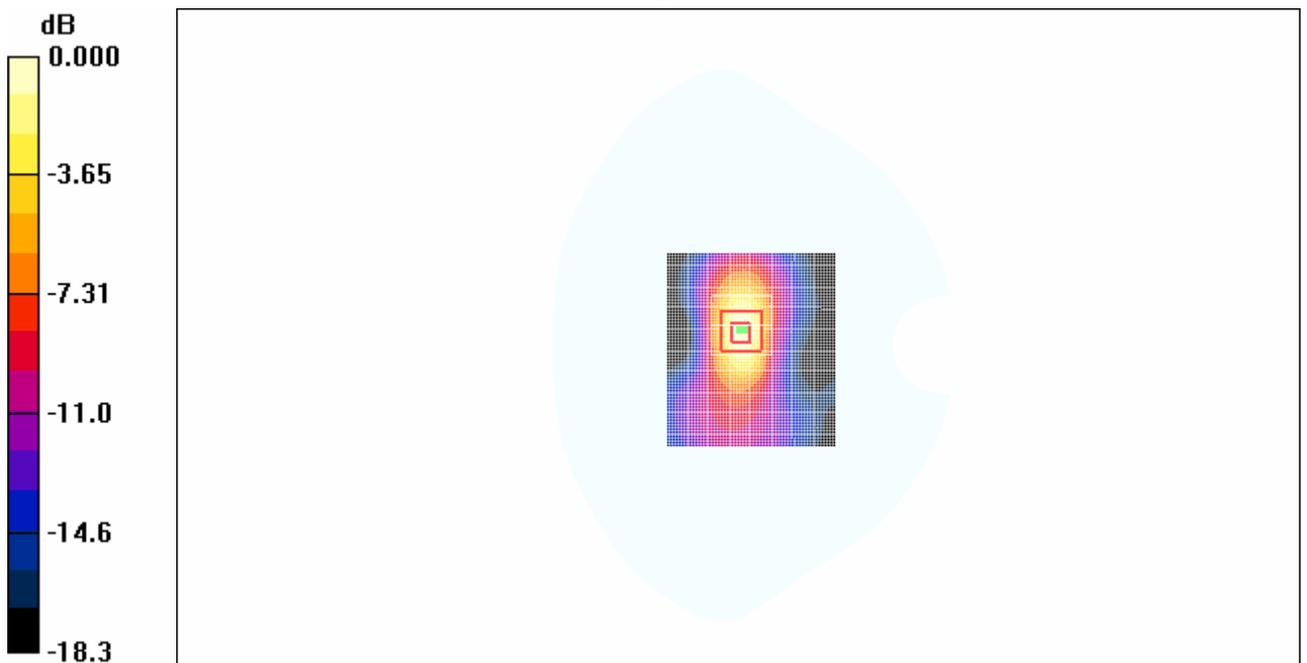
Test Position 7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.6 V/m ; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.56 W/kg

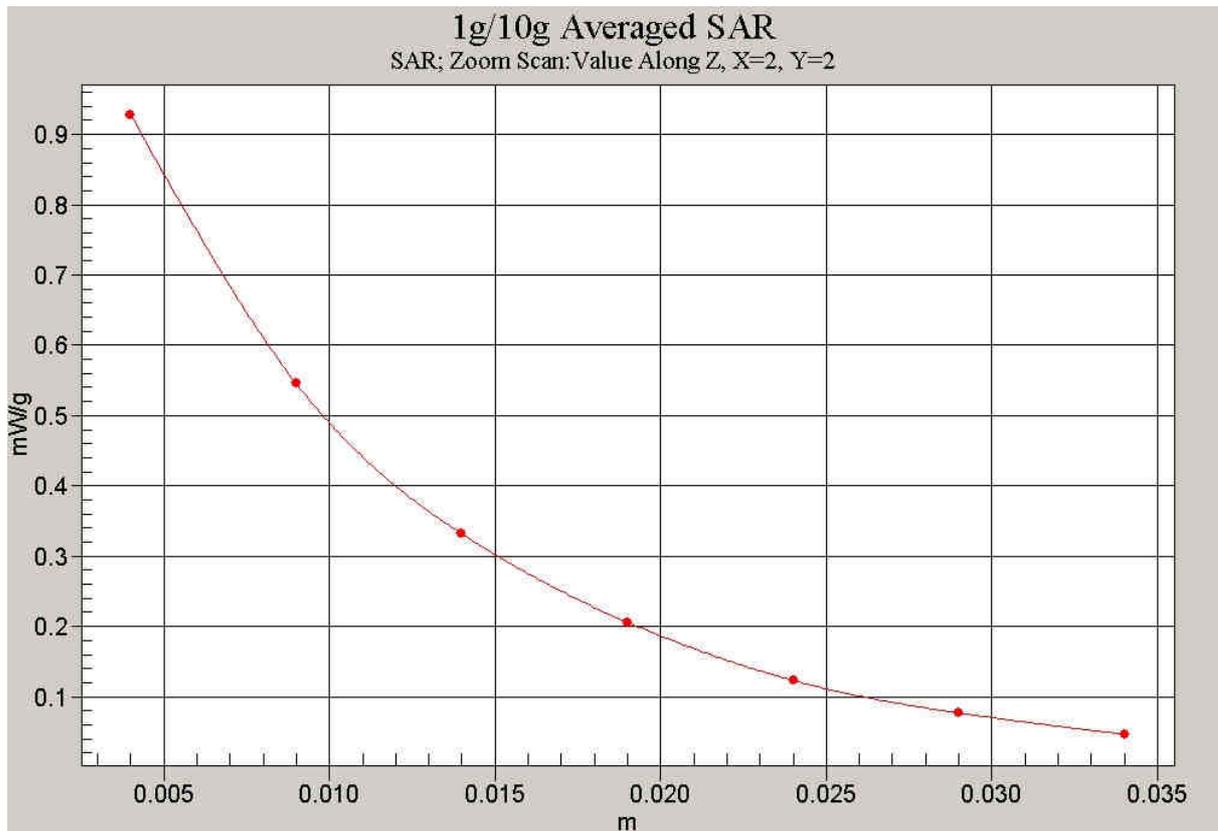
SAR(1 g) = 0.843 mW/g ; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.927 mW/g



0 dB = 0.927mW/g

Fig.117 1900MHz GPRS CH661 with DELL Laptop (2 timeslots in uplink)



**Fig.118 Z-Scan at power reference point
(1900MHz GPRS CH661 with DELL Laptop -2 timeslots in uplink)**

1900MHz GPRS Test Position 7 with DELL Laptop-antenna retracted (1 timeslot in uplink)

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:8

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

Test Position 3/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.648 mW/g

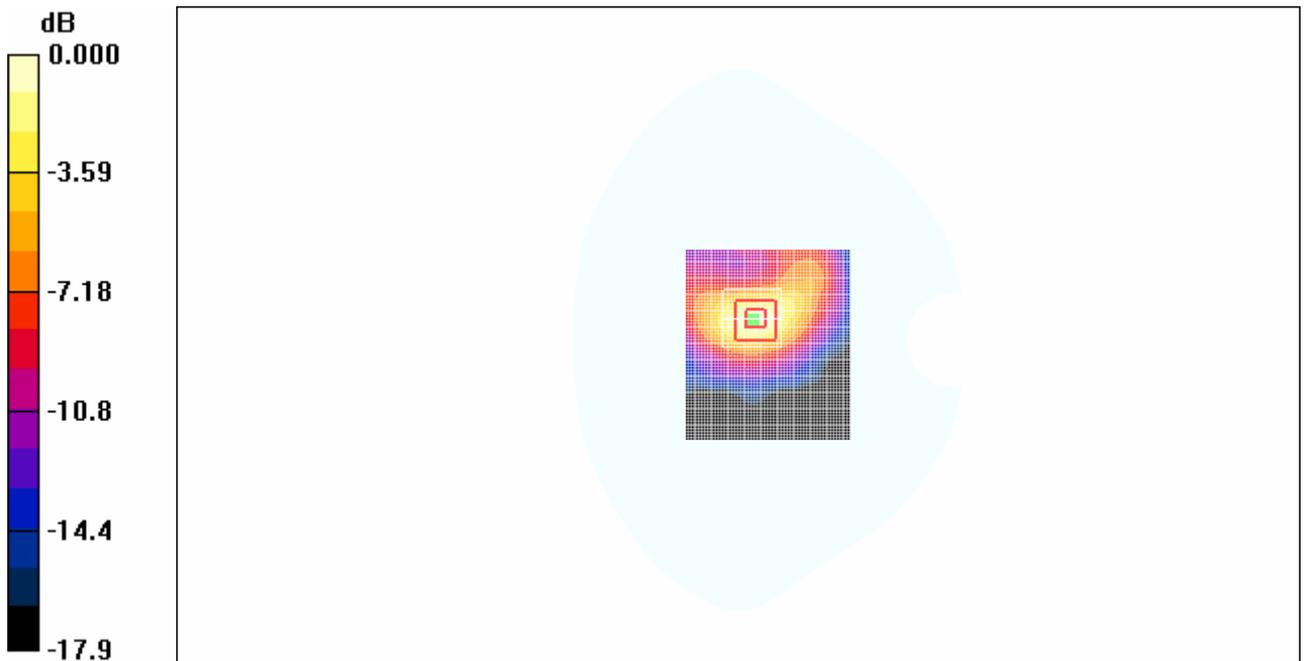
Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.3 V/m ; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.08 W/kg

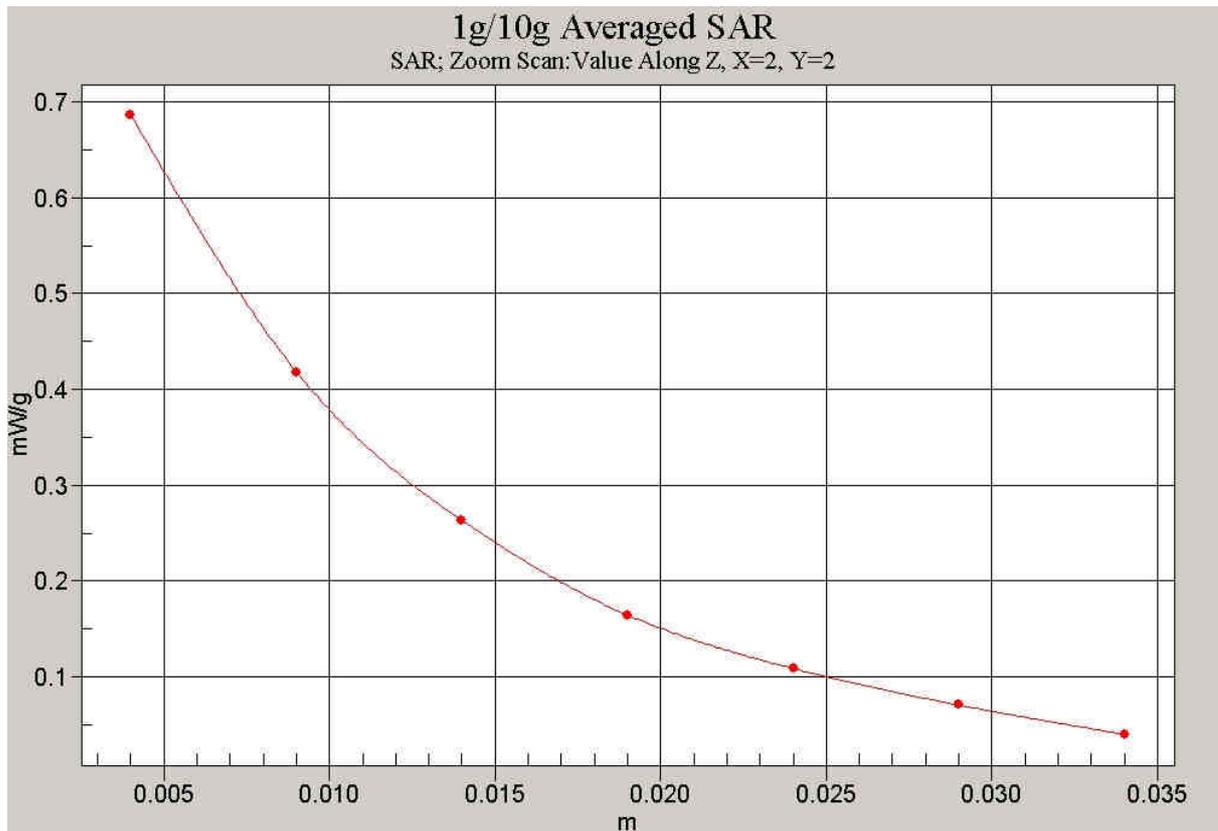
SAR(1 g) = 0.606 mW/g ; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.673 mW/g



0 dB = 0.673mW/g

Fig.119 1900MHz GPRS CH661 with DELL Laptop (1 timeslot in uplink)



**Fig.120 Z-Scan at power reference point
(1900MHz GPRS CH661 with DELL Laptop -1 timeslot in uplink)**

1900MHz GPRS Test Position 1 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 1/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.261 mW/g

Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.6 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.258 mW/g

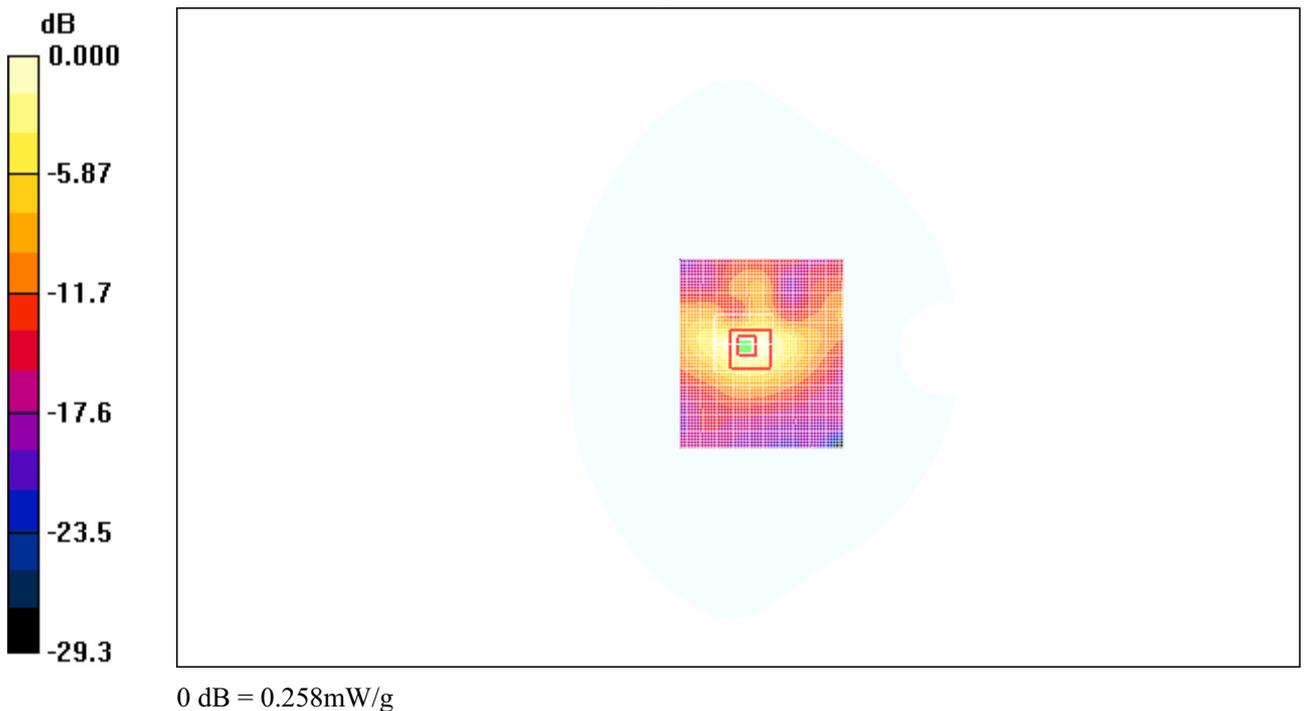


Fig.121 1900MHz GPRS CH661 Test Position 1

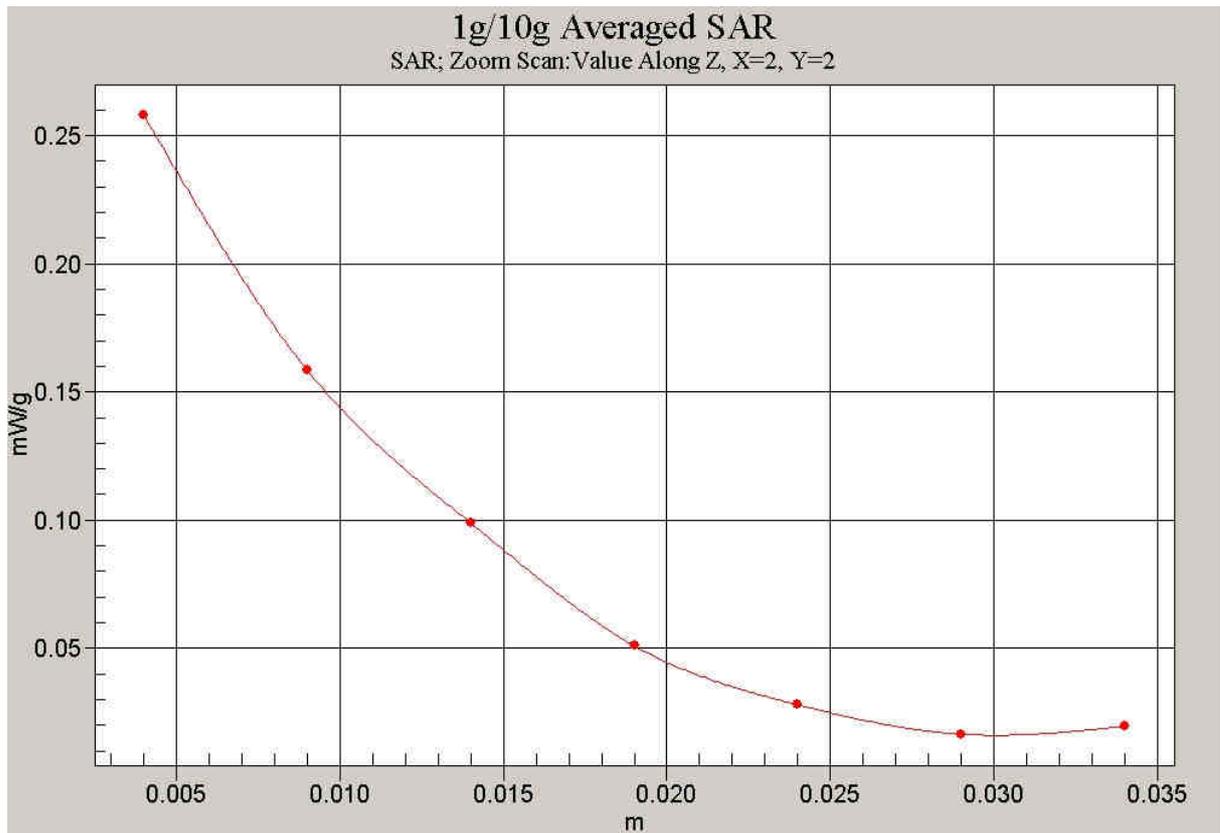


Fig.122 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 2/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.051 mW/g

Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.09 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g

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

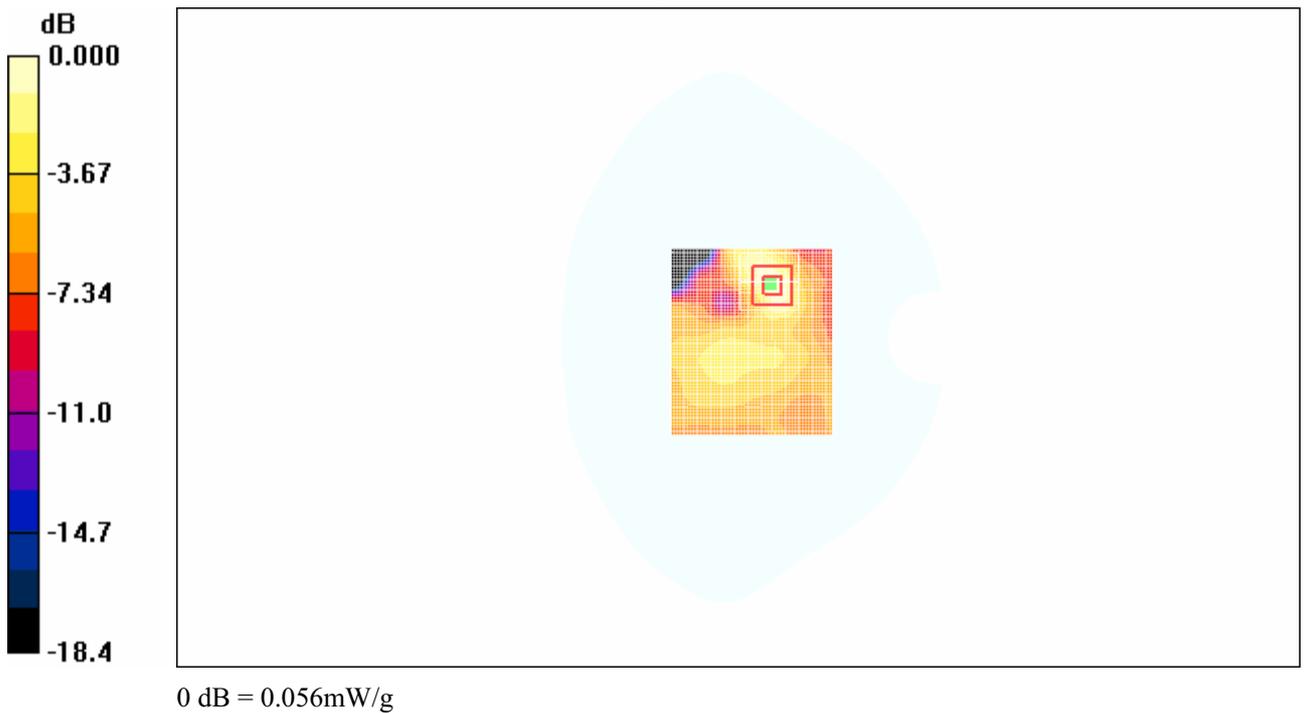


Fig.123 1900MHz GPRS CH661 Test Position 2

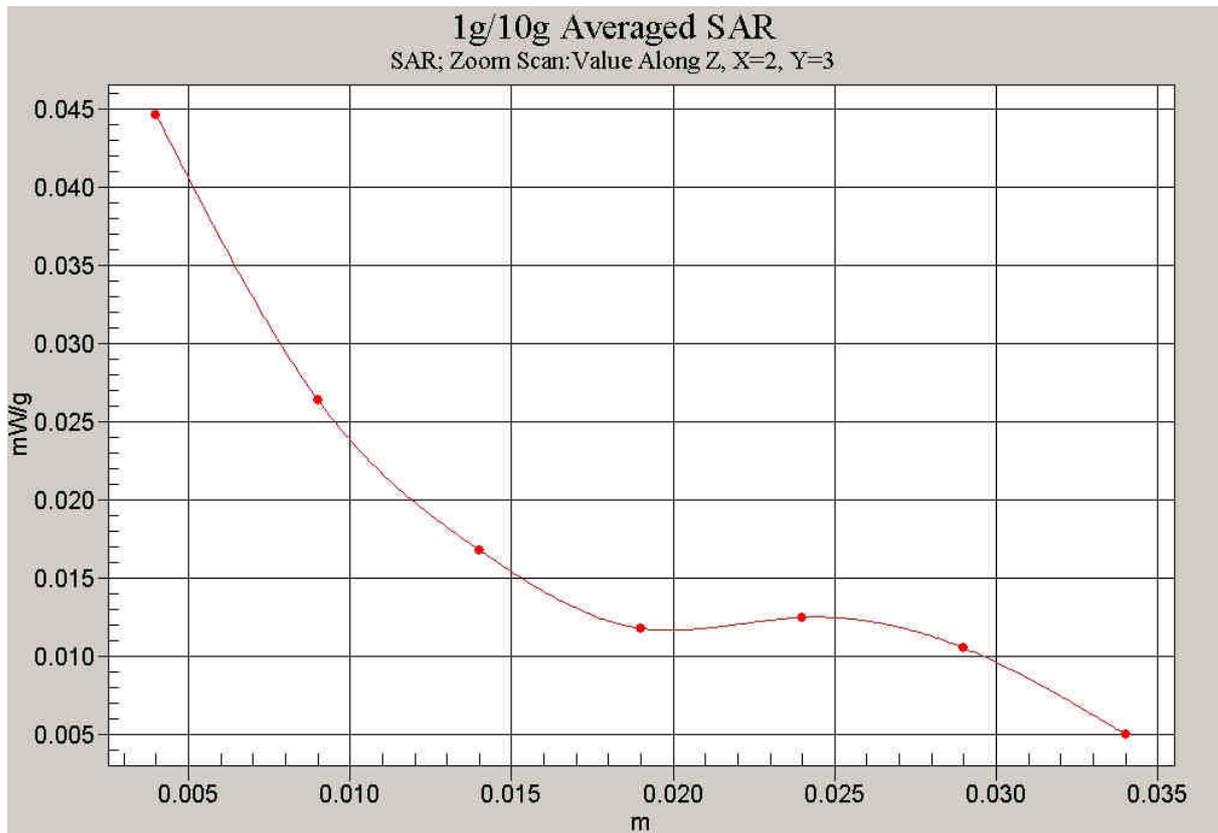


Fig.124 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)

1900 GPRS Test Position 3 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 3/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.316 mW/g

Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.7 V/m ; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.304 mW/g ; SAR(10 g) = 0.161 mW/g

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

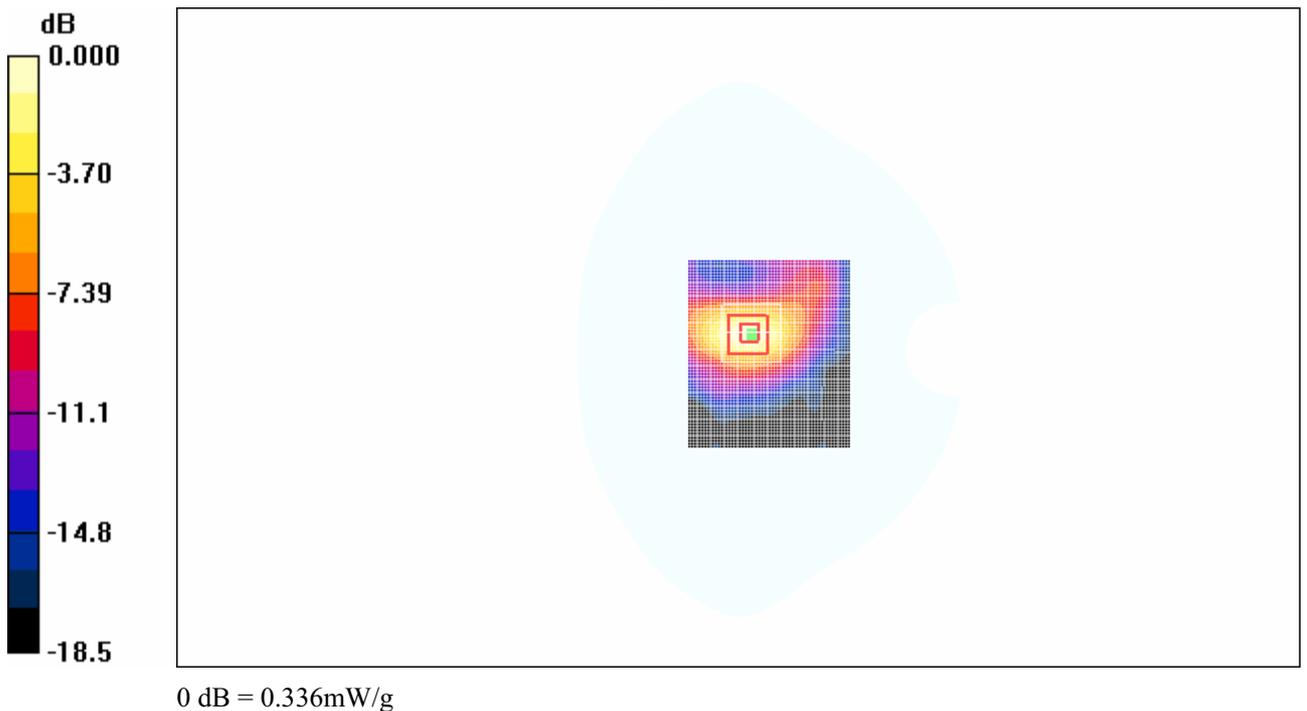


Fig.125 1900MHz GPRS CH661 Test Position 3

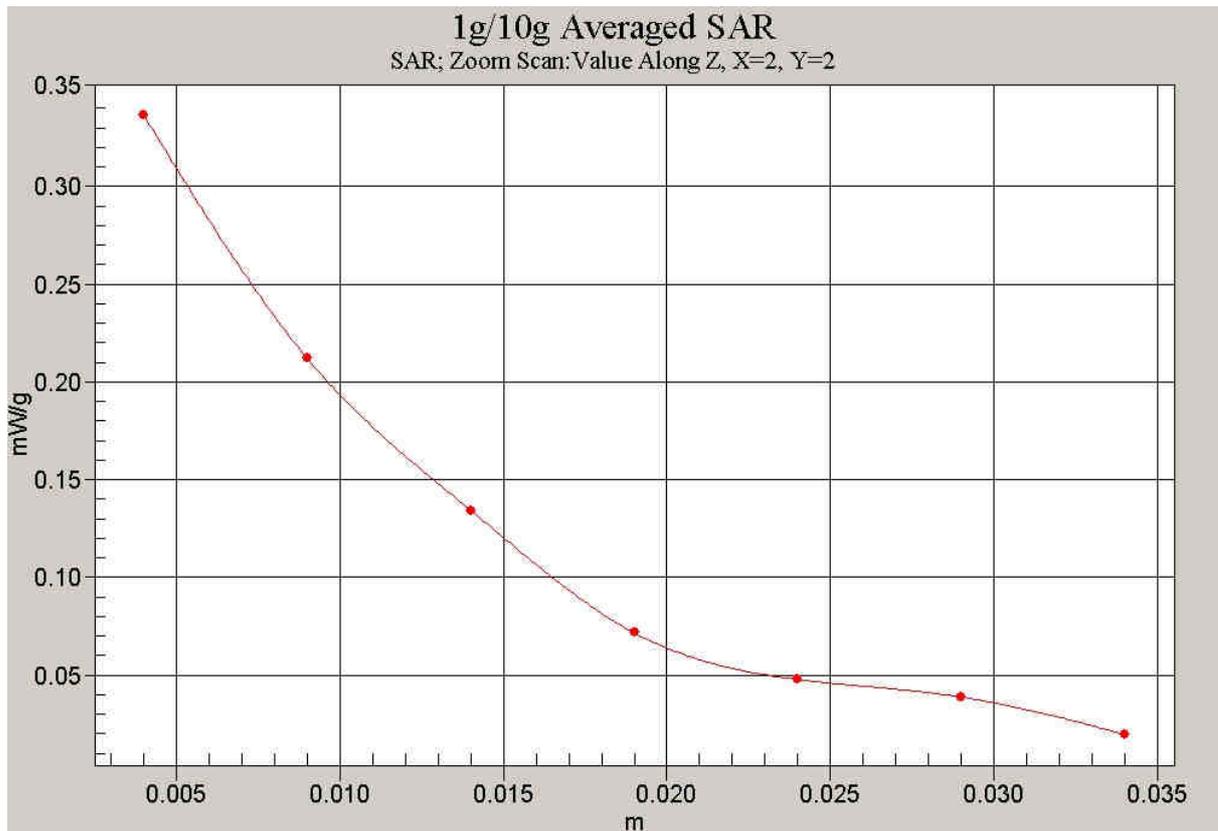


Fig.126 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 3)

1900 GPRS Test Position 4 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 4/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.252 mW/g

Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.77 V/m ; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.225 mW/g ; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.246 mW/g

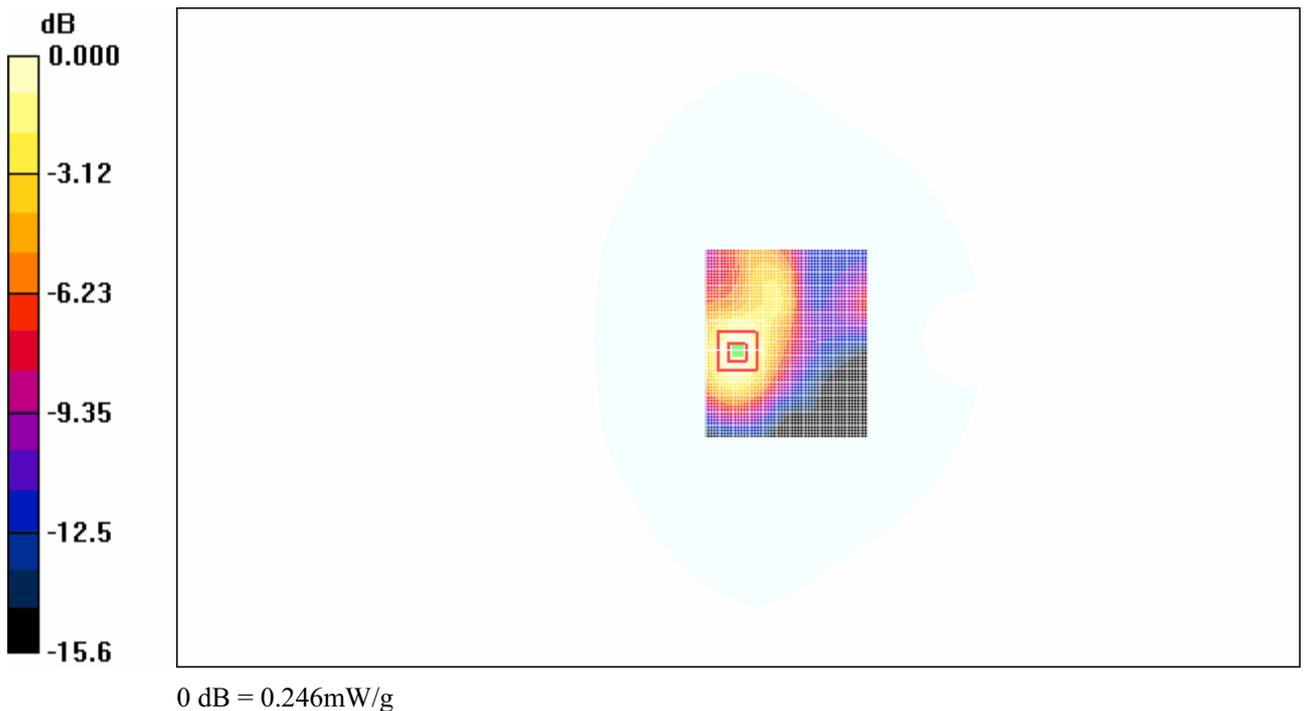


Fig.127 1900MHz GPRS CH661 Test Position 4

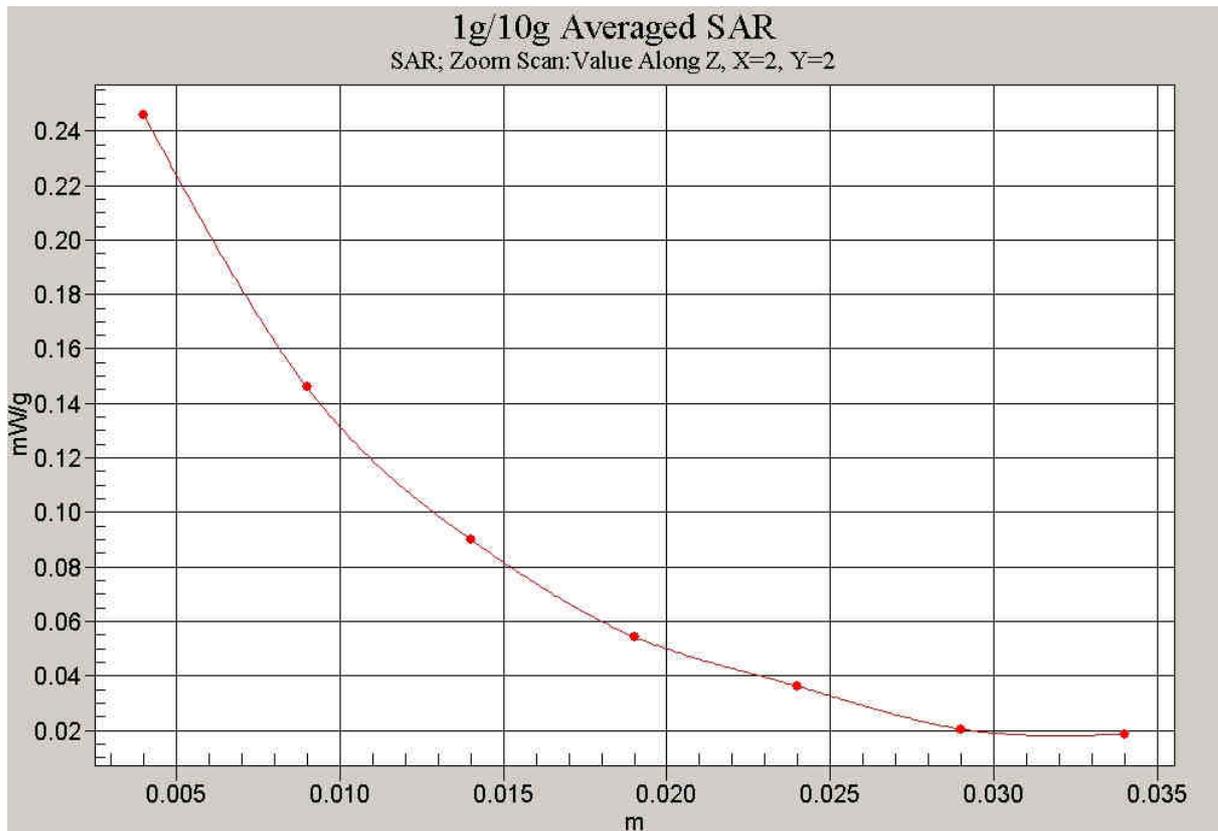


Fig.128 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 4)

1900 GPRS Test Position 5 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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(4.88, 4.88, 4.88)

Test Position 5/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.369 mW/g

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

Reference Value = 12.4 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.361 mW/g

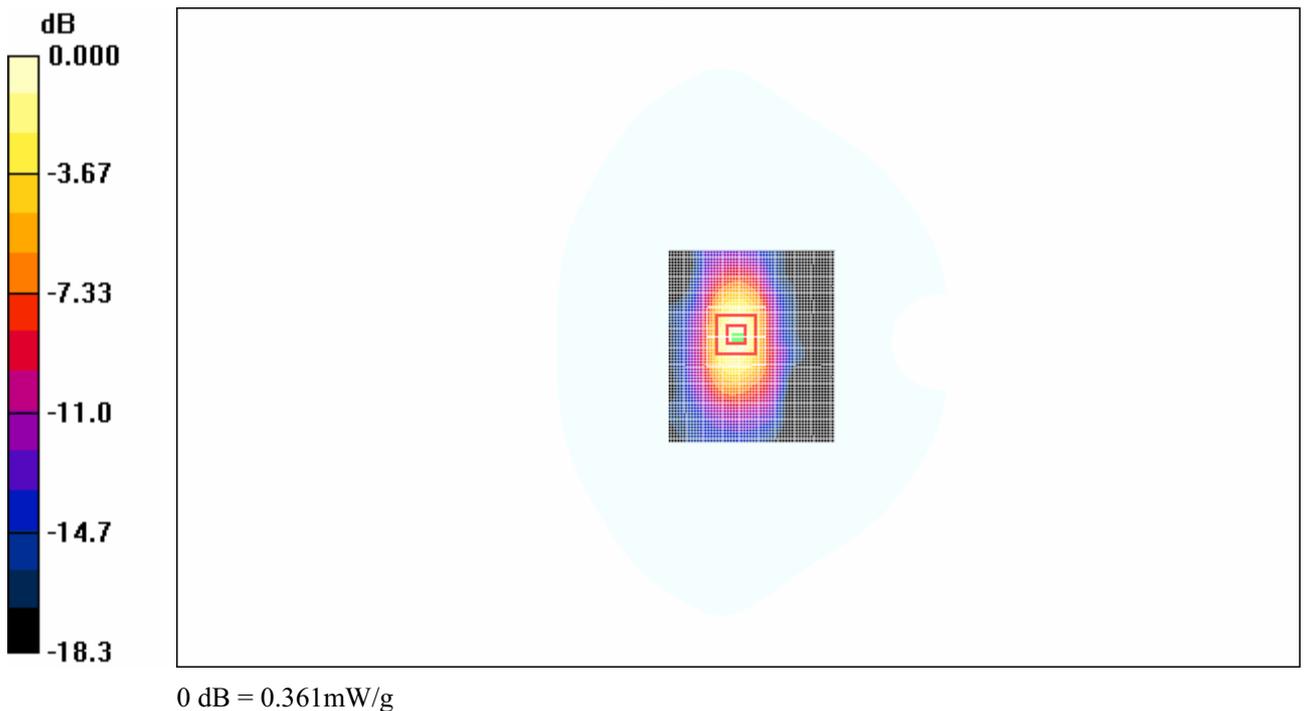


Fig.129 1900MHz GPRS CH661 Test Position 5

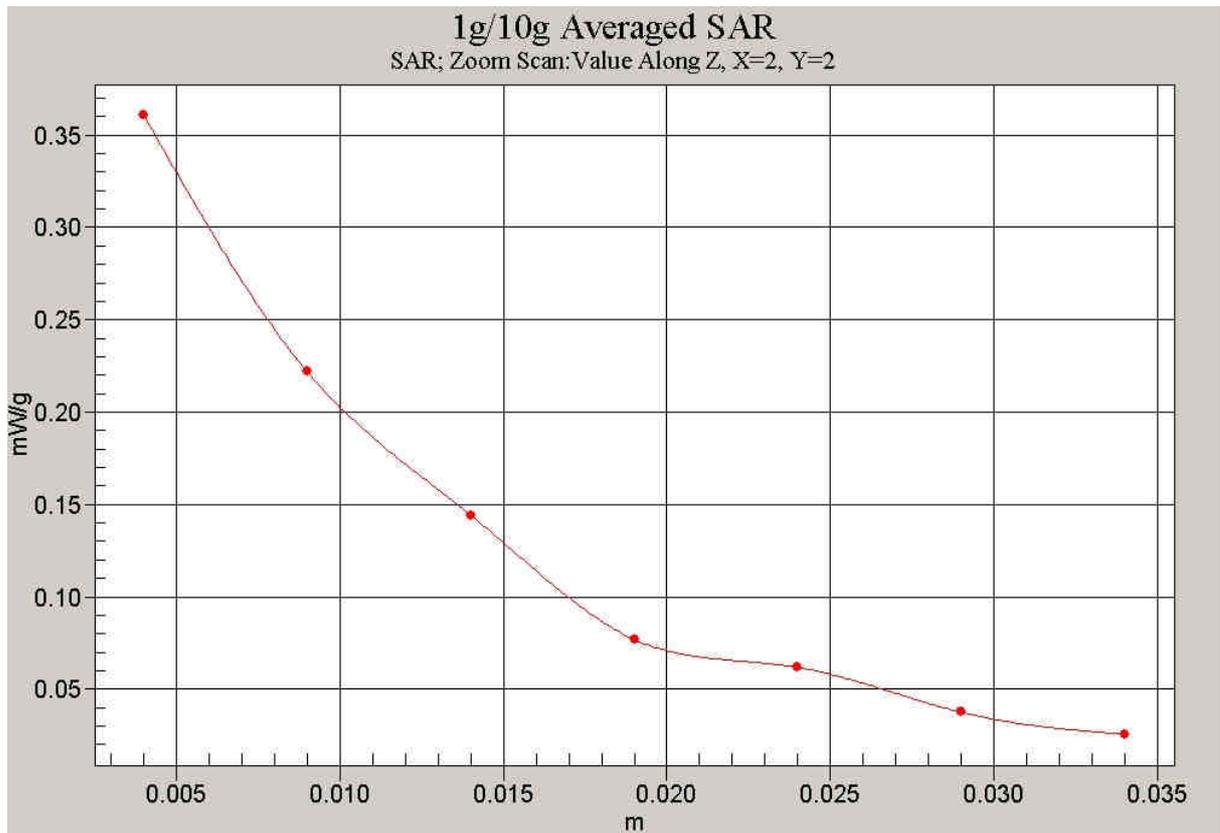


Fig.130 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 5)

1900 GPRS Test Position 6 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 6/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.566 mW/g

Test Position 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.5 V/m ; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.891 W/kg

SAR(1 g) = 0.502 mW/g ; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.554 mW/g

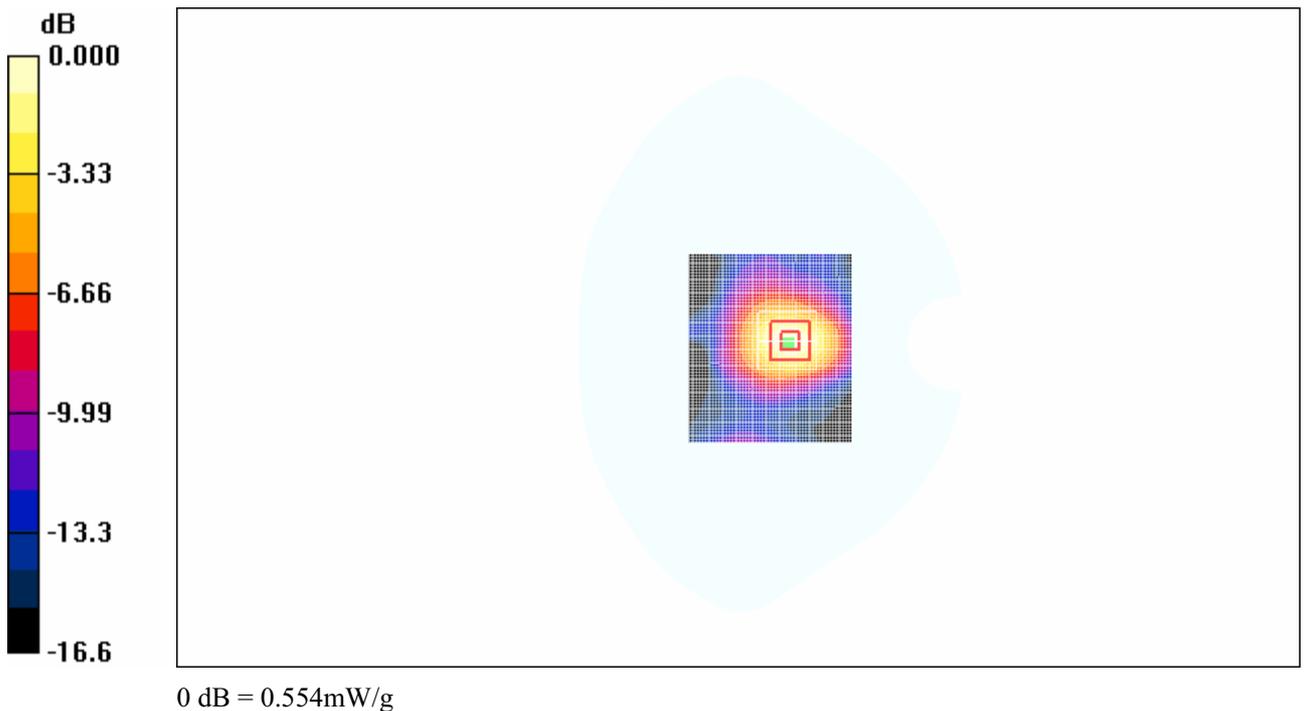


Fig.131 1900MHz GPRS CH661 Test Position 6

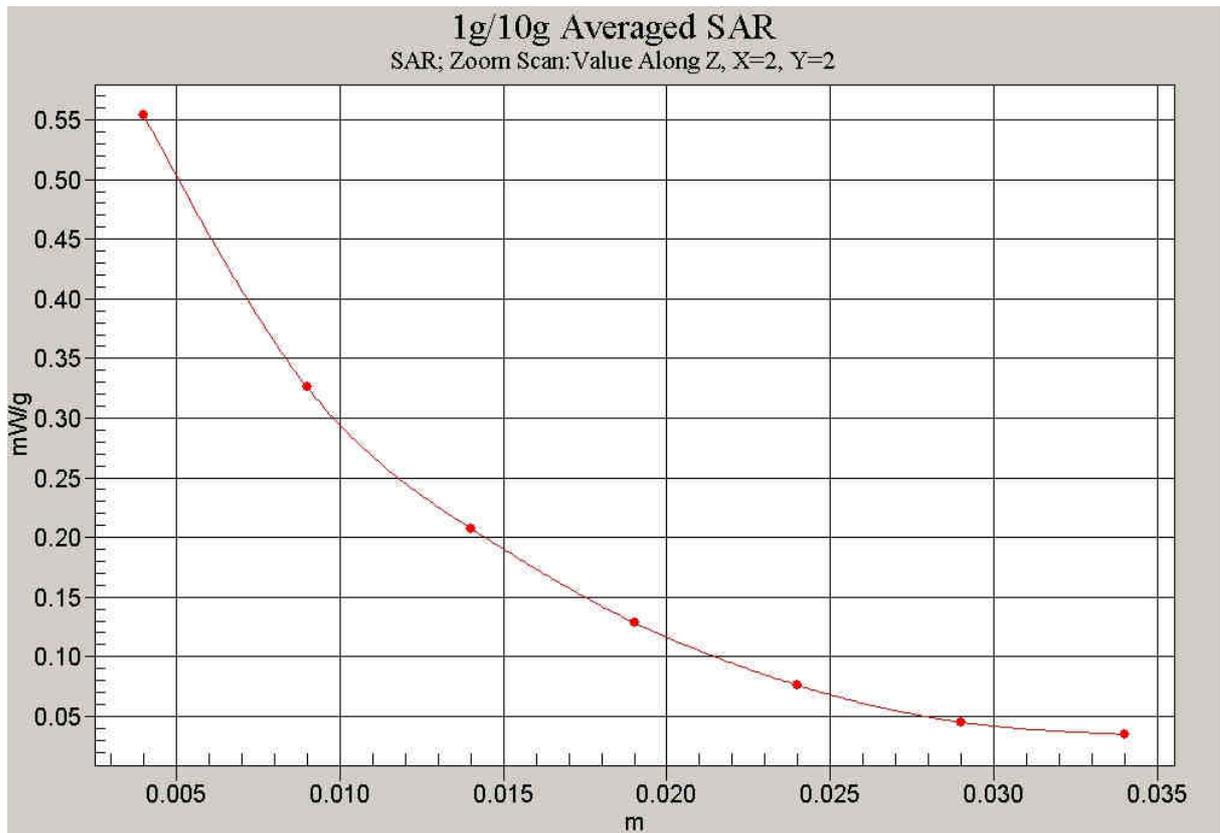


Fig.132 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 6)

1900 GPRS Test Position 7 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 7/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.494 mW/g

Test Position 7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.1 V/m ; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.424 mW/g ; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 0.469 mW/g

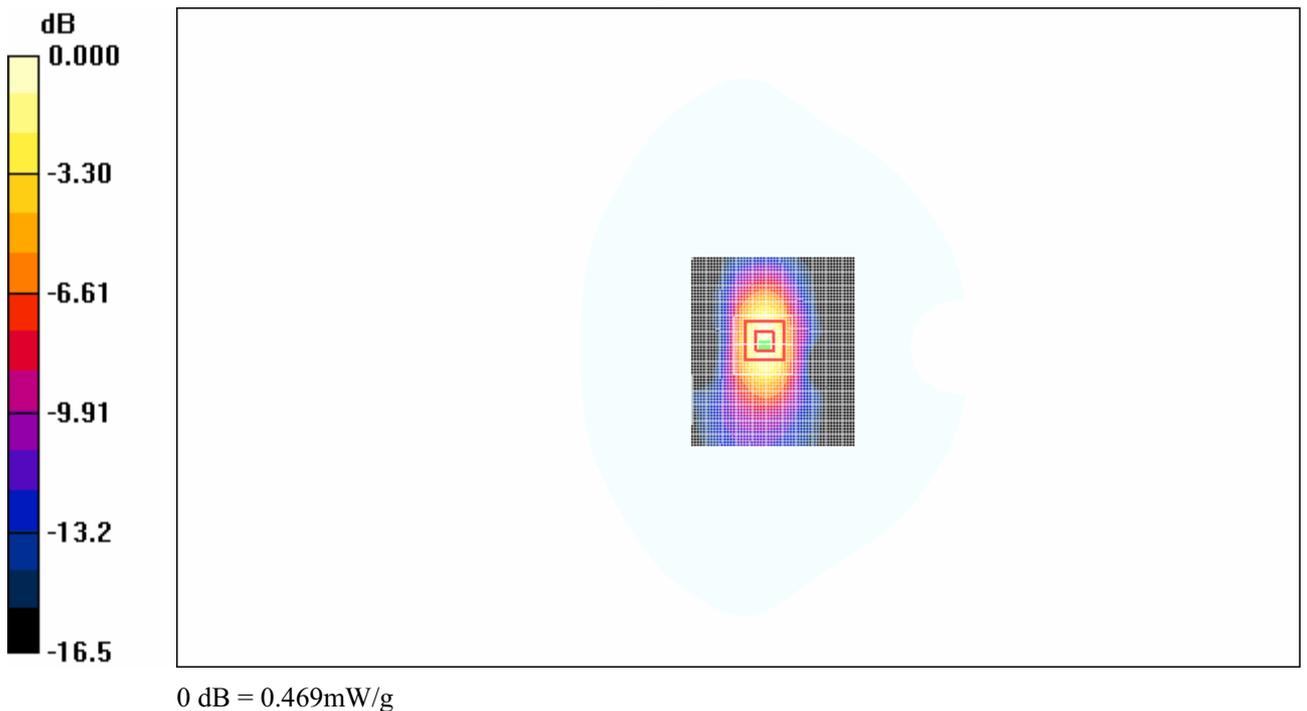


Fig.133 1900MHz GPRS CH661 Test Position 7

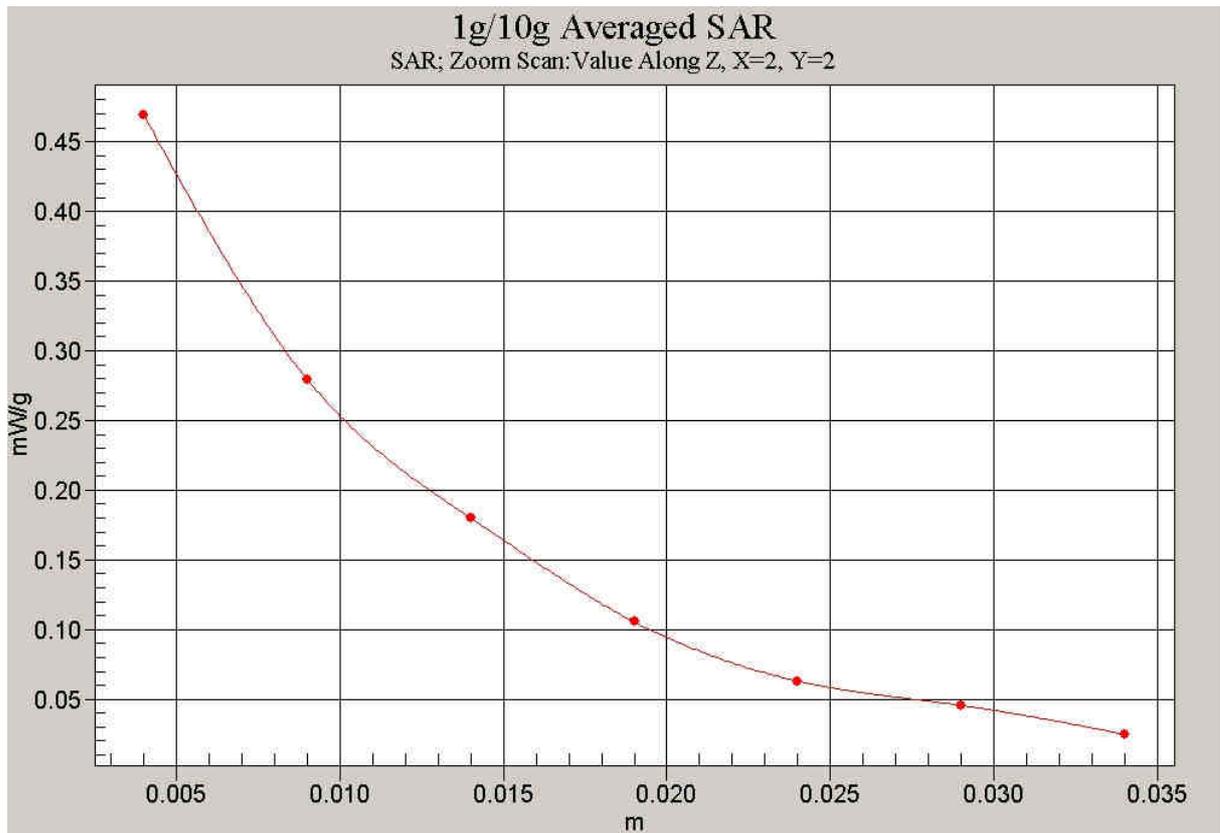


Fig.134 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 7)

1900 GPRS Test Position 8 with DELL Laptop-antenna extended

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 8/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.497 mW/g

Test Position 8/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.5 V/m ; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.428 mW/g ; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.465 mW/g

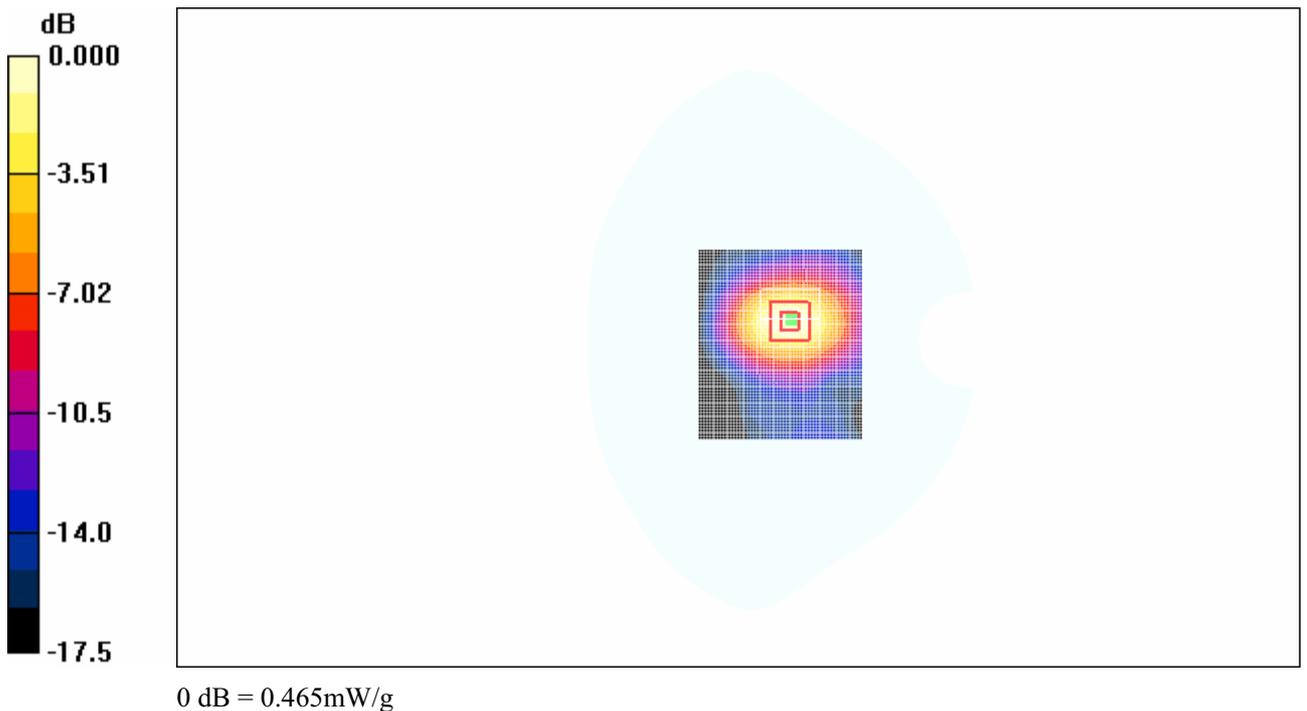


Fig.135 1900MHz GPRS CH661 Test Position 8

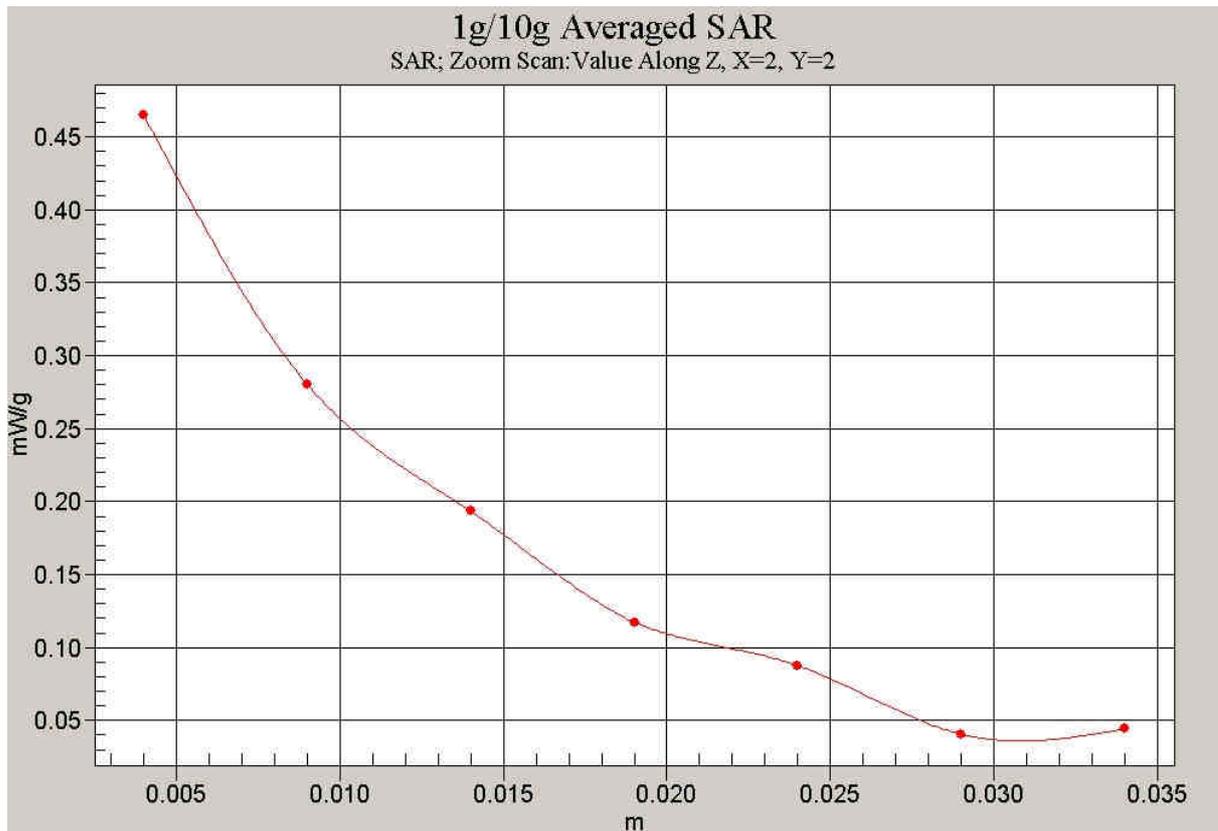


Fig.136 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 8)

1900MHz GPRS Test Position 1 with DELL Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 1/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.603 mW/g

Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.2 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.614 mW/g

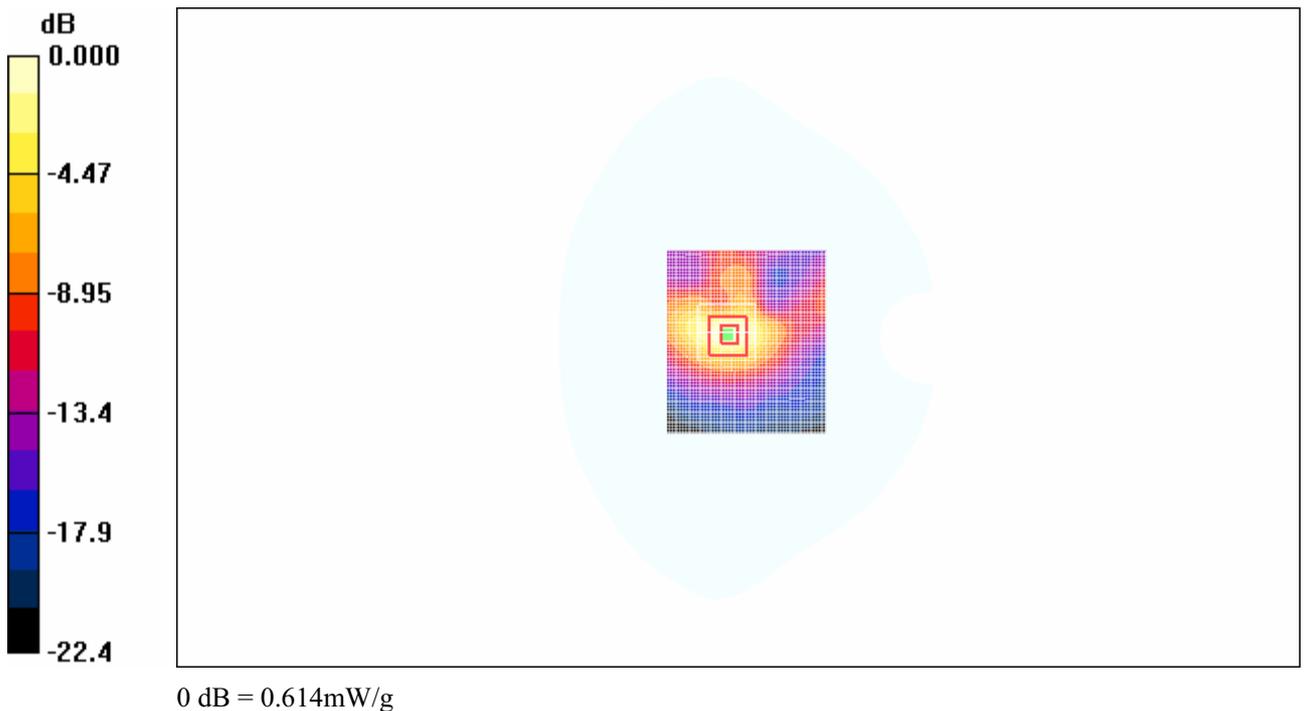


Fig.137 1900MHz GPRS CH661 Test Position 1

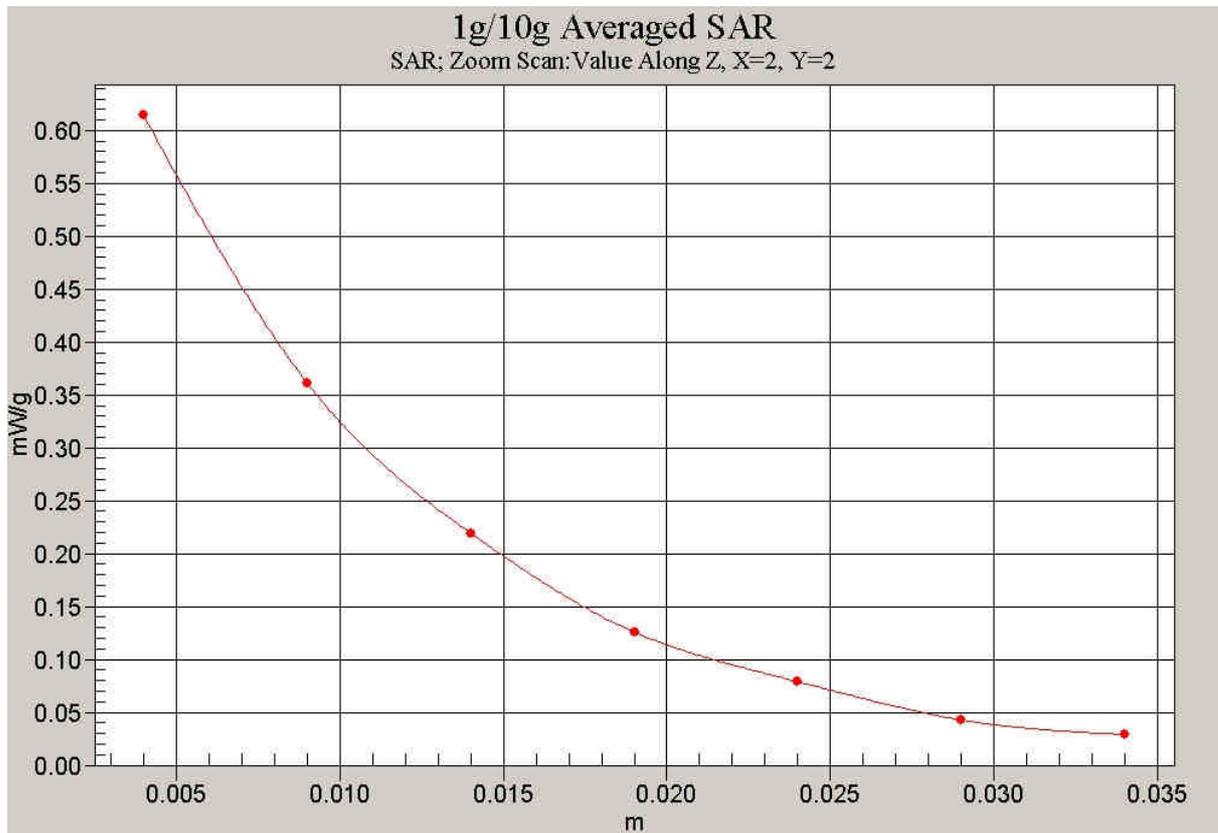


Fig.138 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with DELL Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 2/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.089 mW/g

Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.88 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.098 mW/g

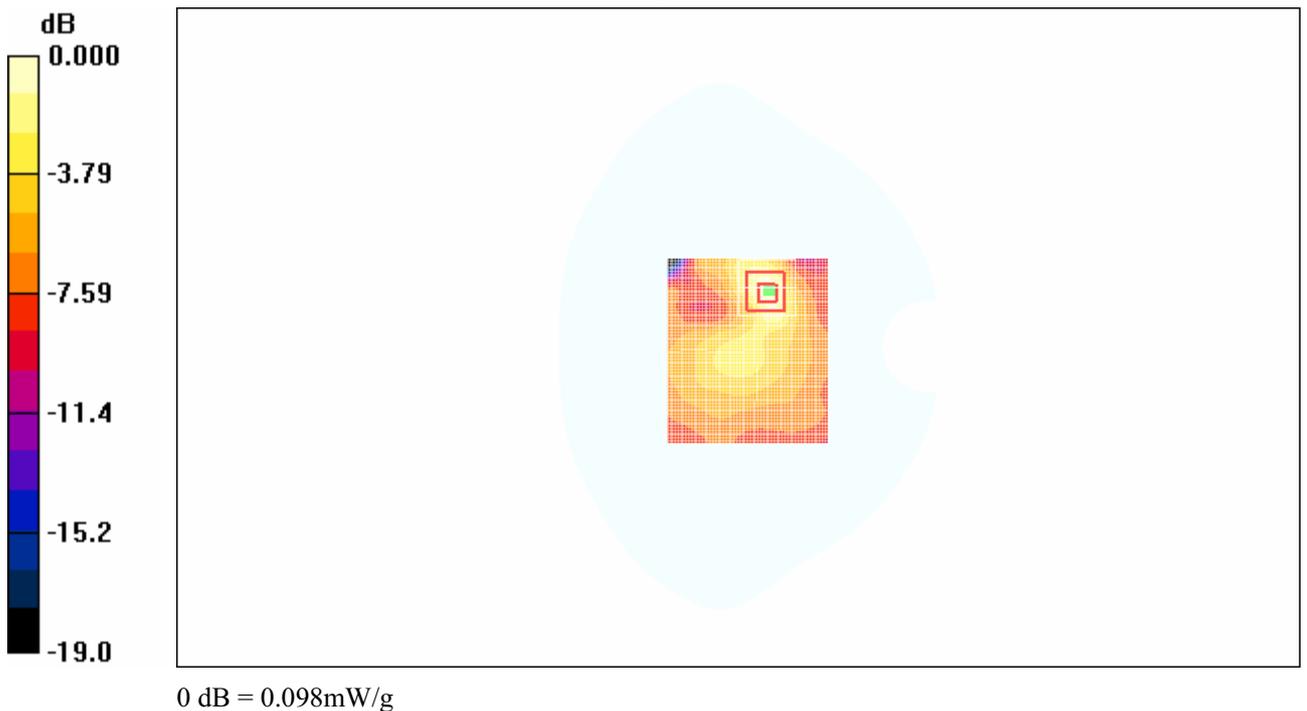


Fig.139 1900MHz GPRS CH661Test Position 2

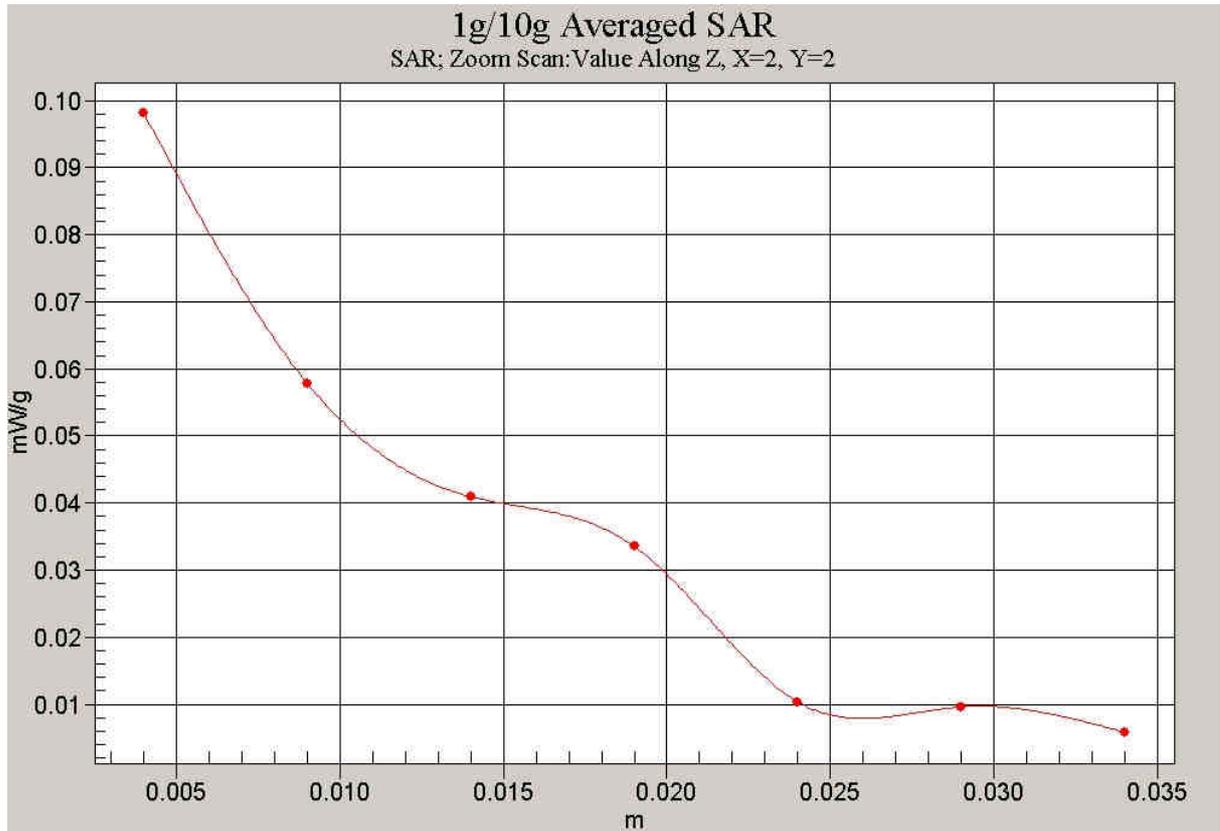


Fig.140 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)

1900MHz GPRS Test Position 3 with DELL Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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(4.88, 4.88, 4.88)

Test Position 3/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.752 mW/g

Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.791 mW/g

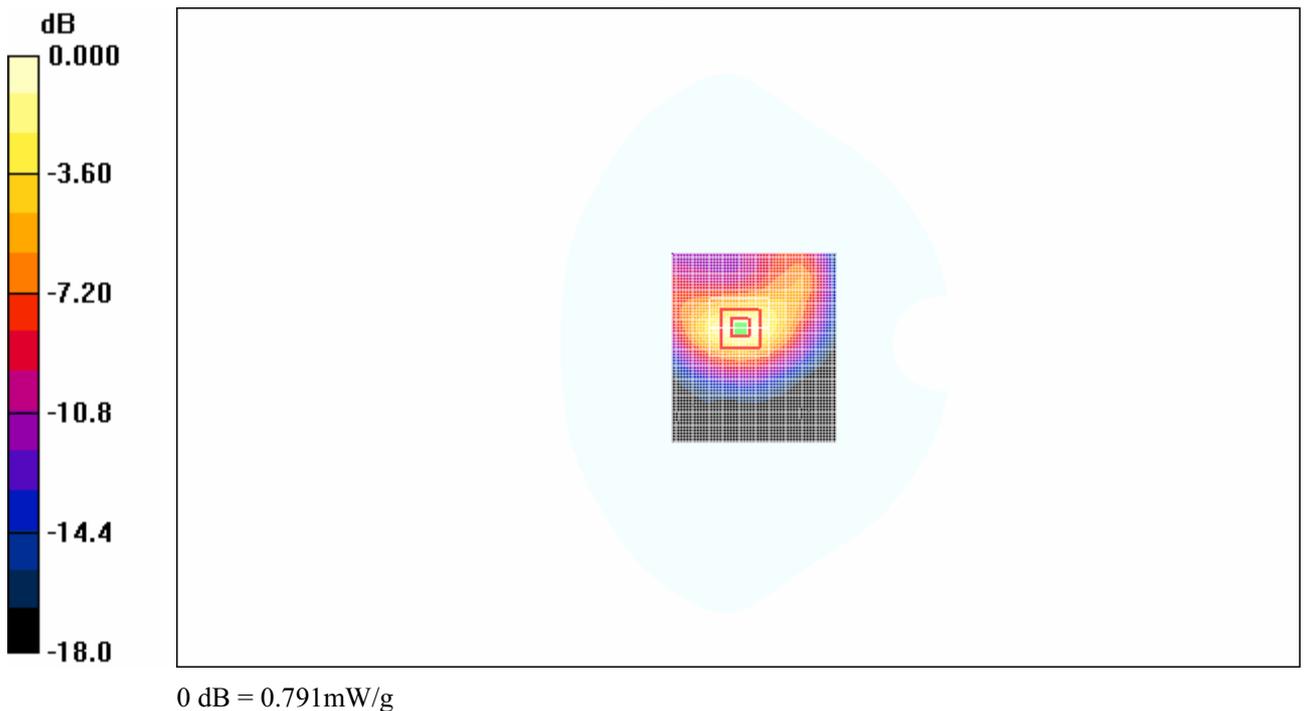


Fig.141 1900MHz GPRS CH661Test Position 3

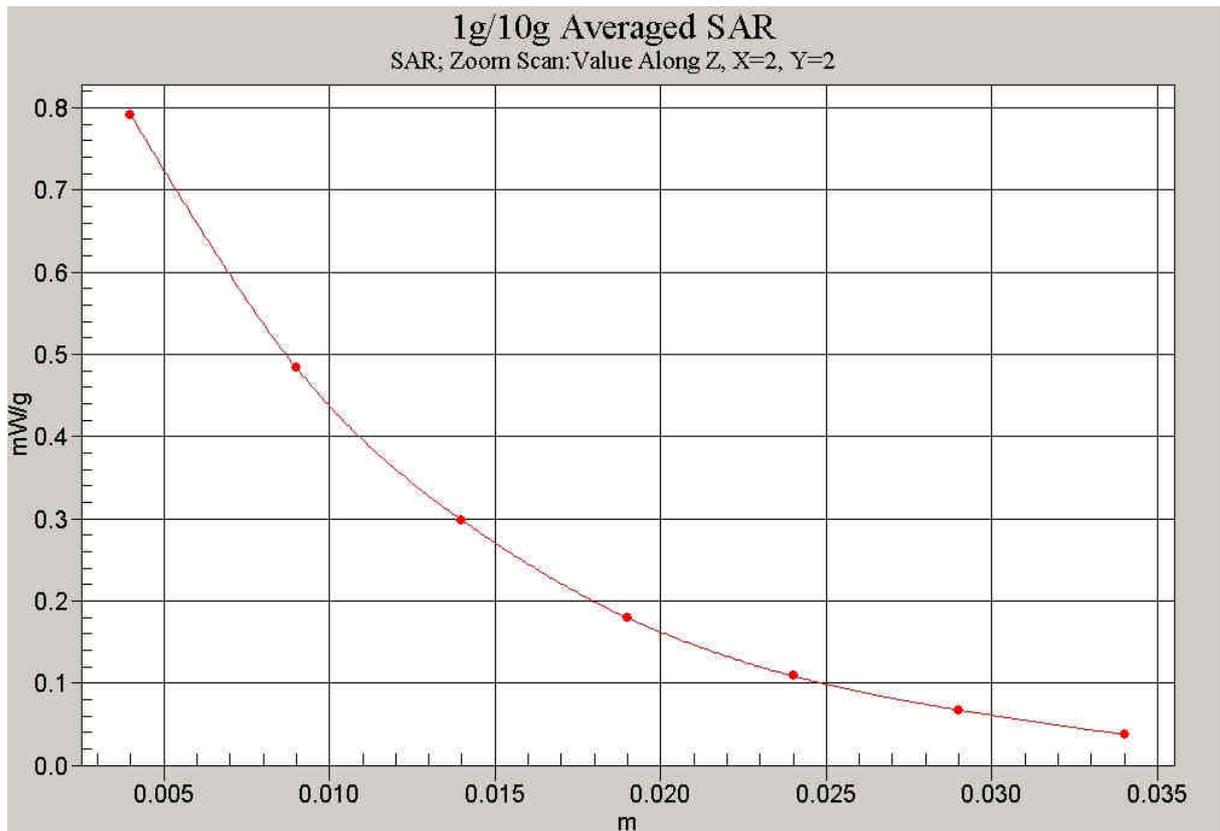


Fig.142 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 3)

1900 GPRS Test Position 4 with DELL Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 4/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.351 mW/g

Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.23 V/m ; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.313 mW/g ; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.337 mW/g

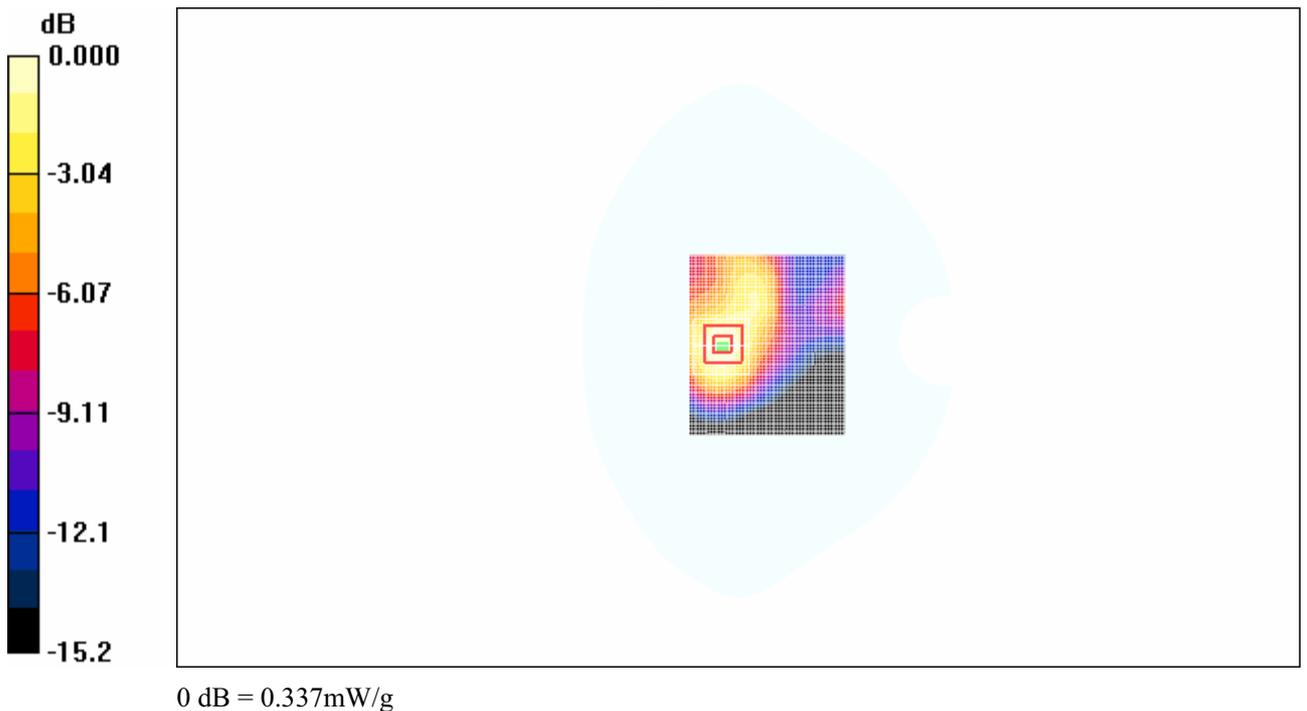


Fig.143 1900MHz GPRS CH661Test Position 4

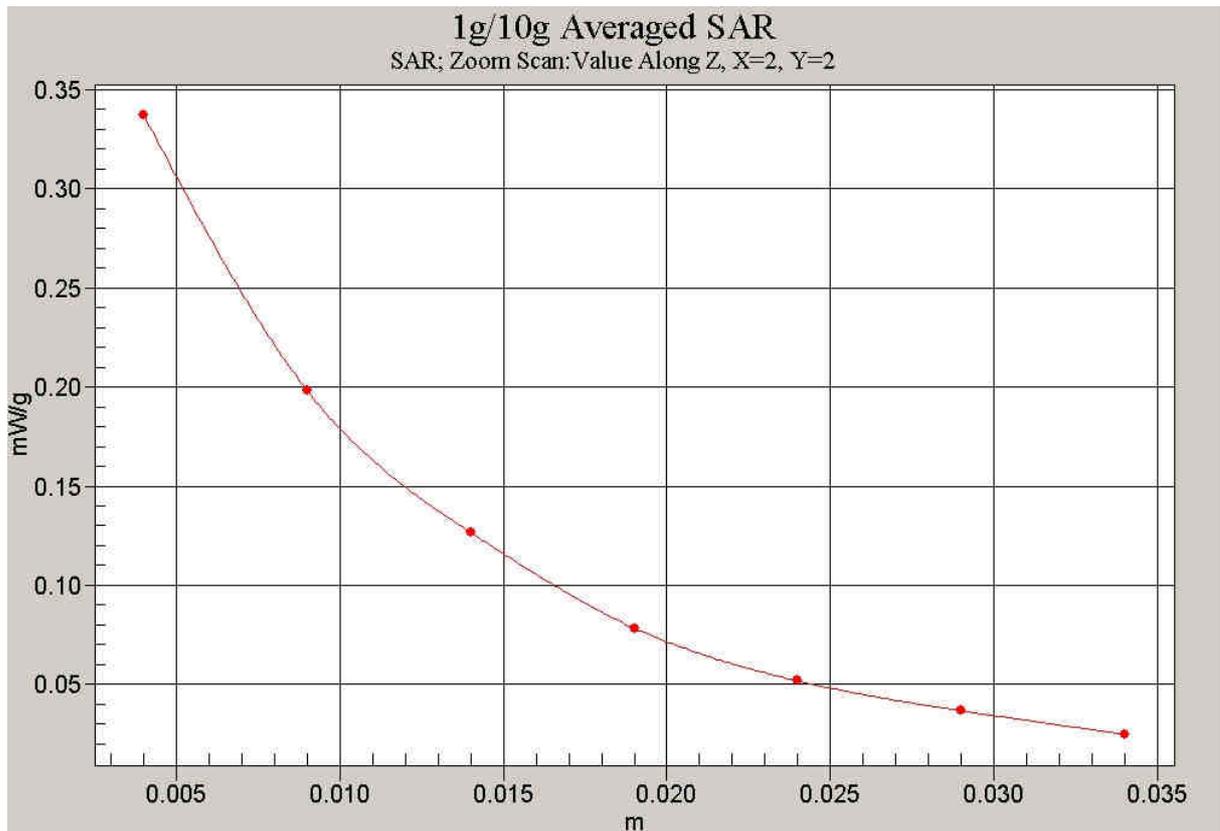


Fig.144 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 4)

1900 GPRS Test Position 5 with DELL Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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(4.88, 4.88, 4.88)

Test Position 5/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.702 mW/g

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

Reference Value = 16.6 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.682 mW/g

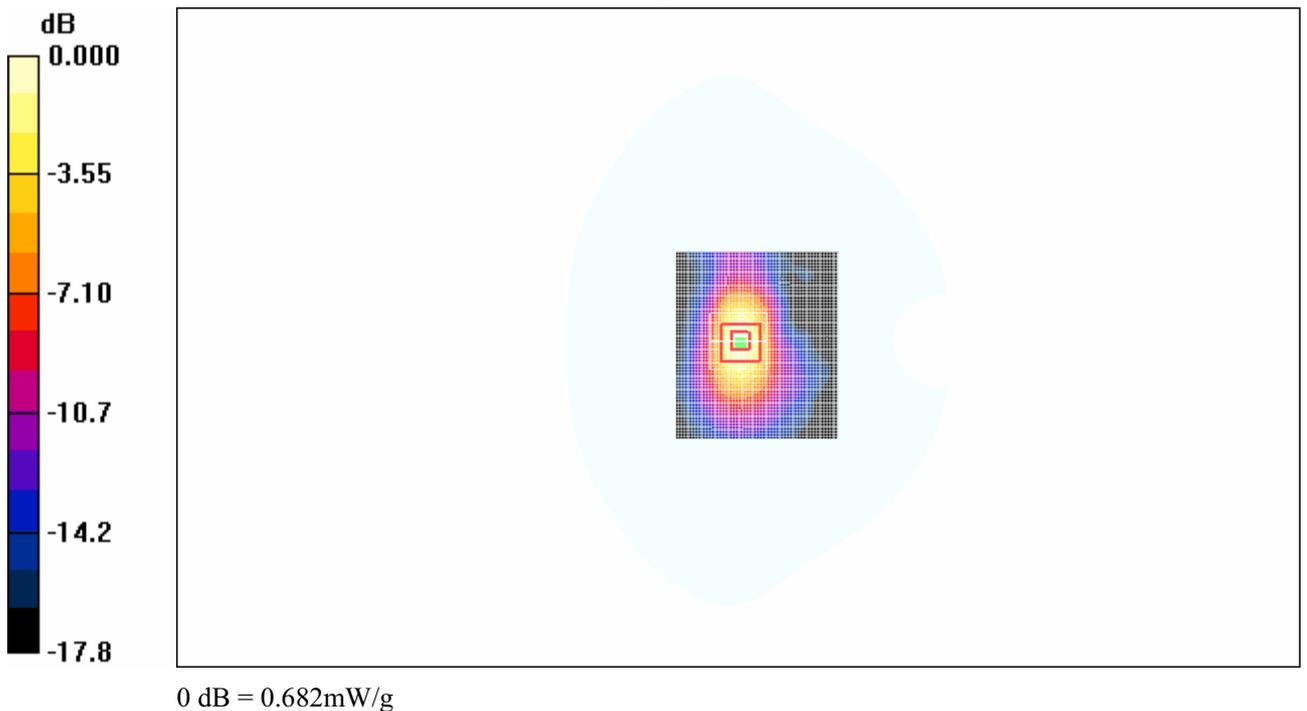


Fig.145 1900MHz GPRS CH661 Test Position 5

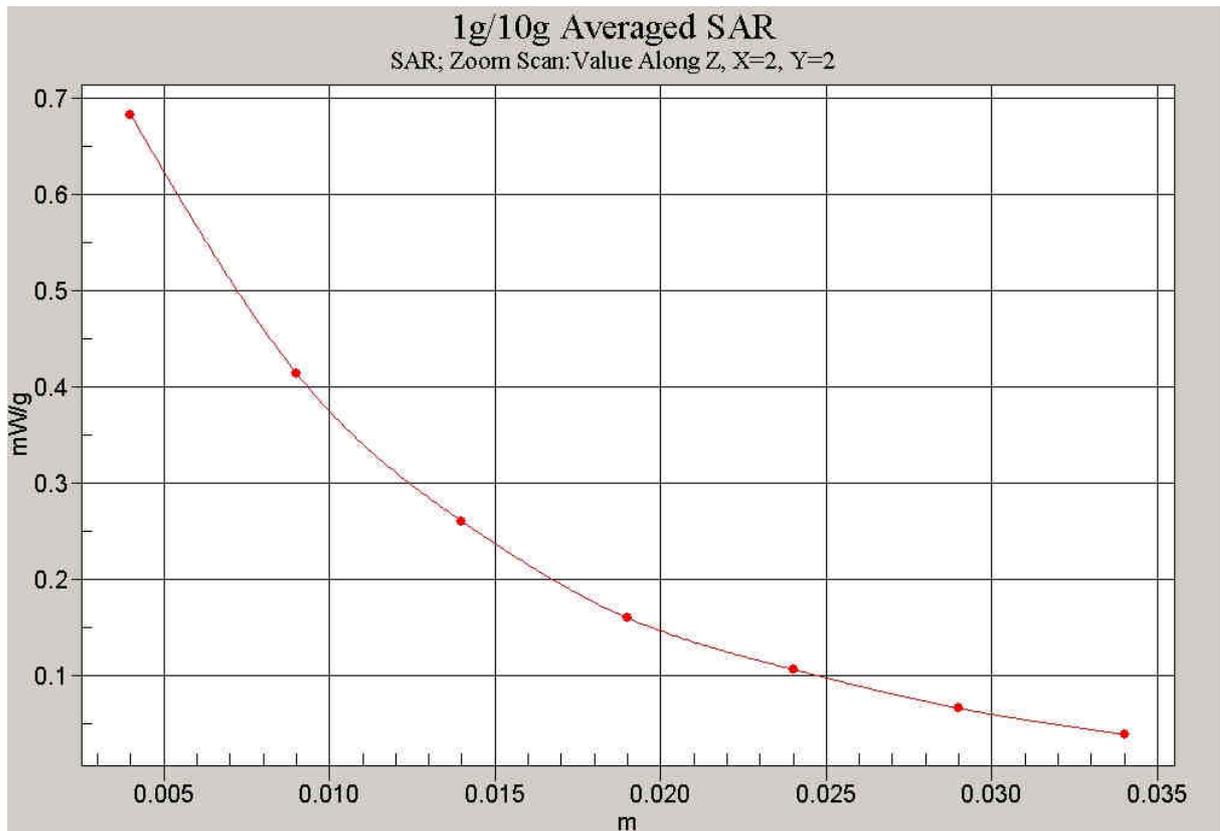


Fig.146 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 5)

1900 GPRS Test Position 6 with DELL Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

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(4.88, 4.88, 4.88)

Test Position 6/Area Scan (61x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.721 mW/g

Test Position 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.7 V/m ; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.617 mW/g ; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.678 mW/g

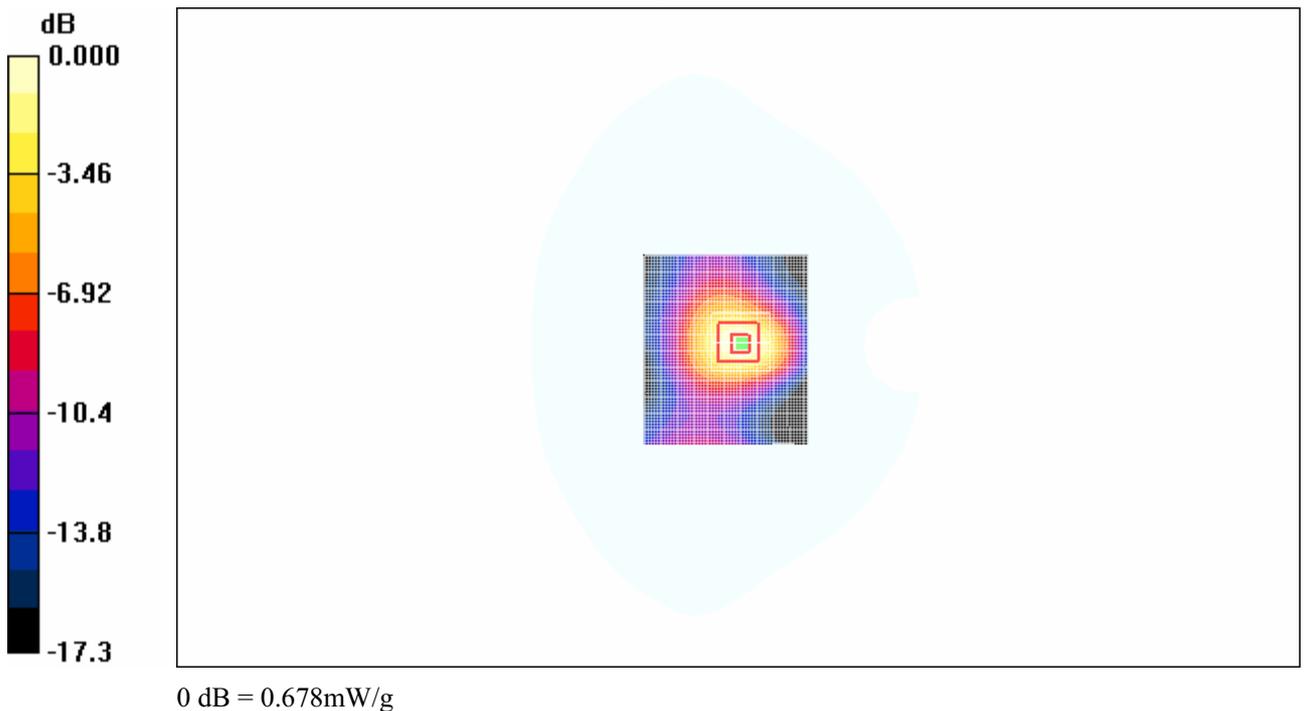


Fig.147 1900MHz GPRS CH661 Test Position 6

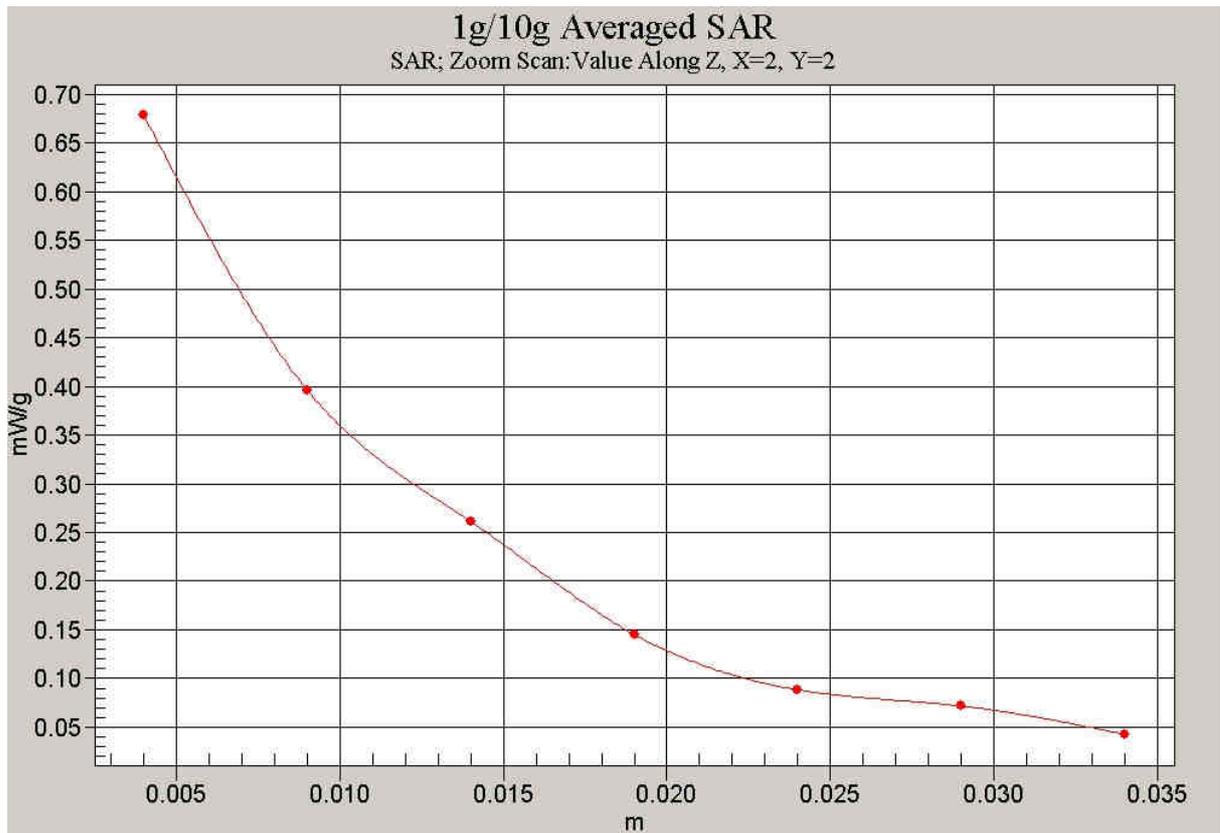


Fig.148 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 6)

1900 GPRS Test Position 7 with DELL Laptop-antenna retracted

Electronics: DAE3 Sn536

Medium: 1900 Body

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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(4.88, 4.88, 4.88)

Test Position 7/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.955 mW/g

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

Reference Value = 22.6 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.927 mW/g

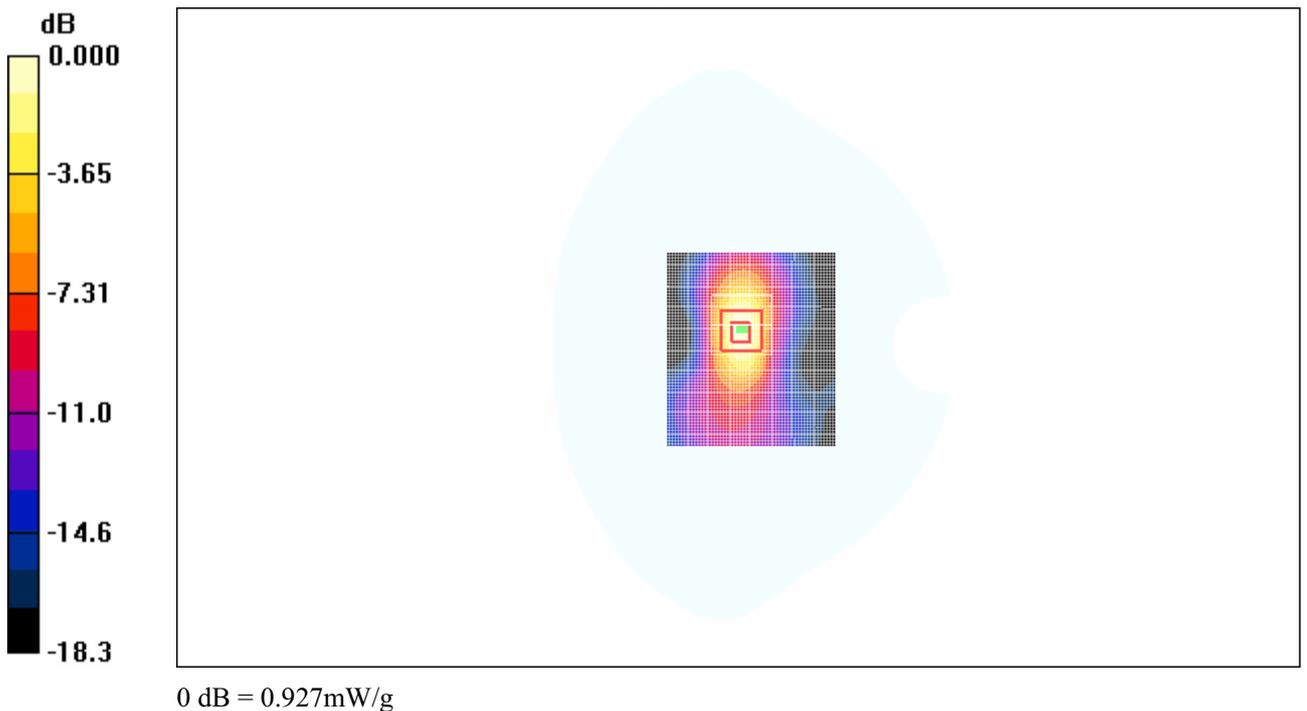


Fig.149 1900MHz GPRS CH661 Test Position 7



Fig.150 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 7)