

850MHz GPRS Test Position 1 with DELL Laptop (4 timeslots in uplink)

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:2

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

Test Position 1open/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.643 mW/g

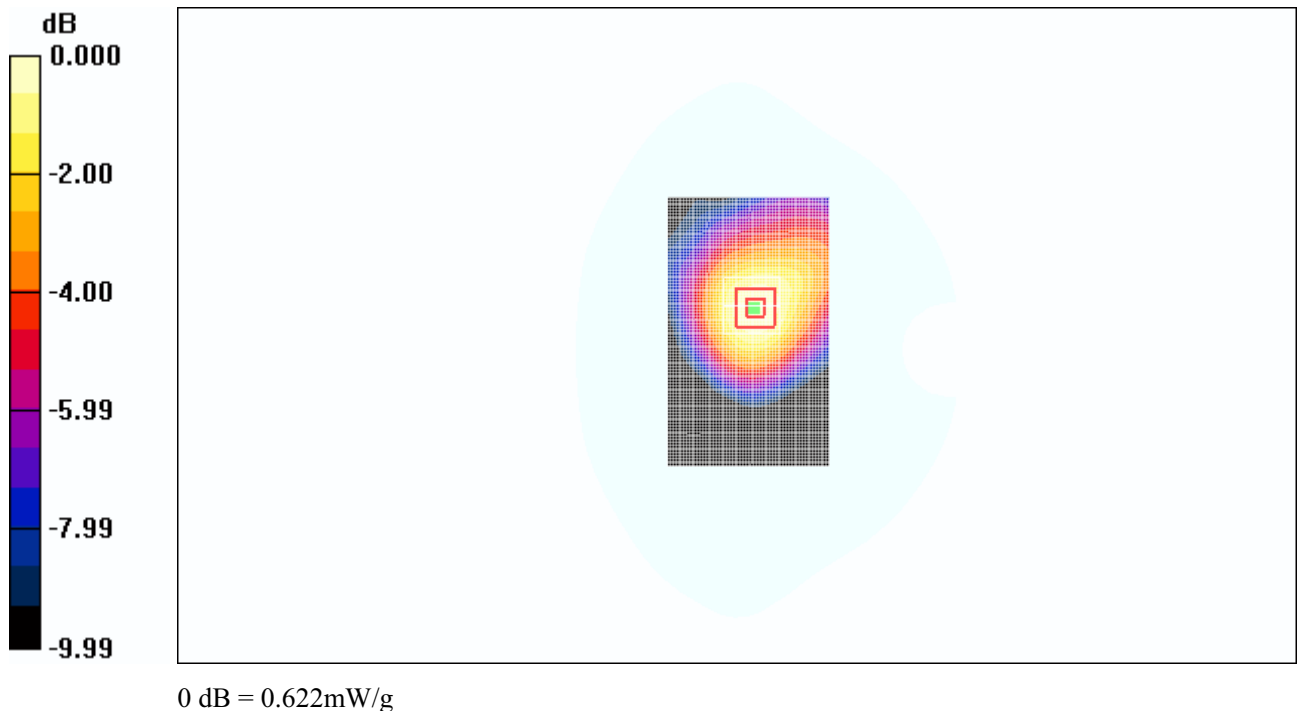
Test Position 1open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.622 mW/g

**Fig.61 850MHz GPRS CH190 with DELL Laptop (4 timeslots in uplink)**

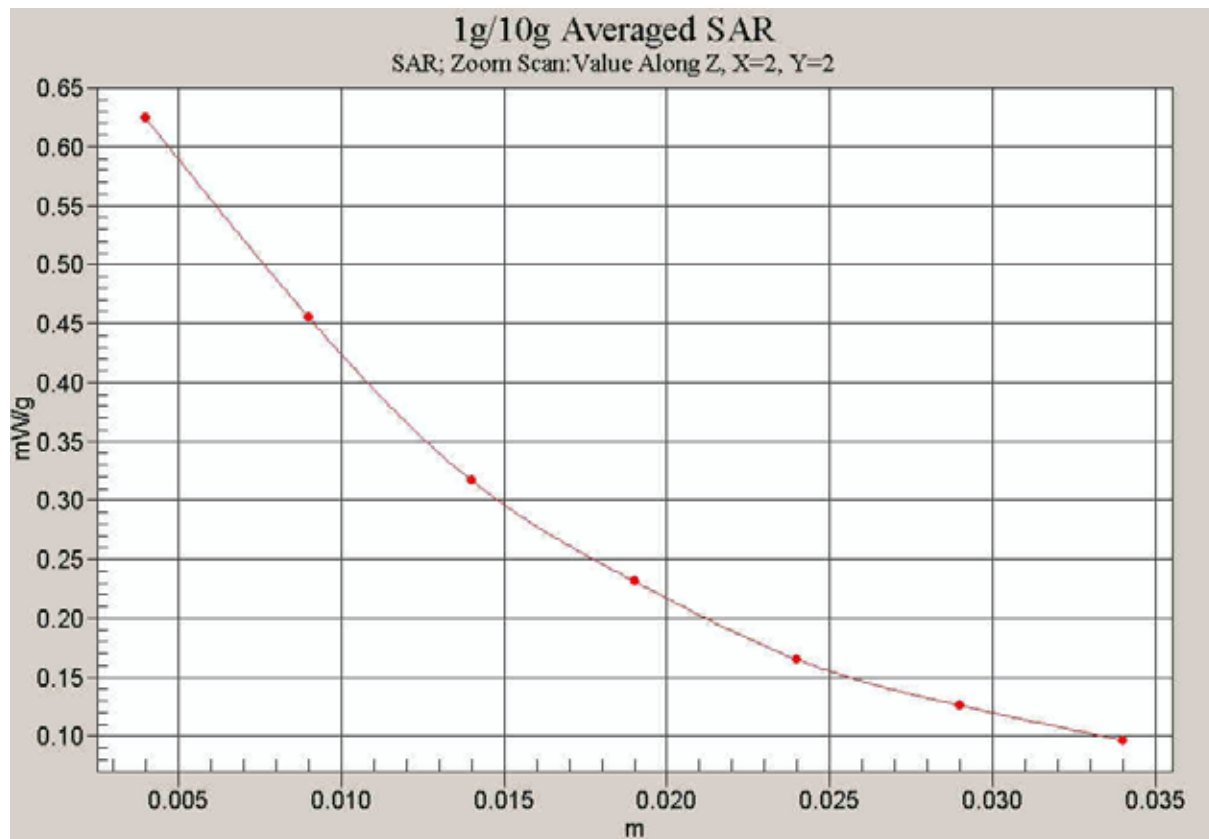


Fig.62 Z-Scan at power reference point (850MHz GPRS CH190 with DELL Laptop -4 timeslots in uplink)

850MHz GPRS Test Position 1 with DELL Laptop (3 timeslots in uplink)

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:2.67

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

Test Position 1open/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.915 mW/g

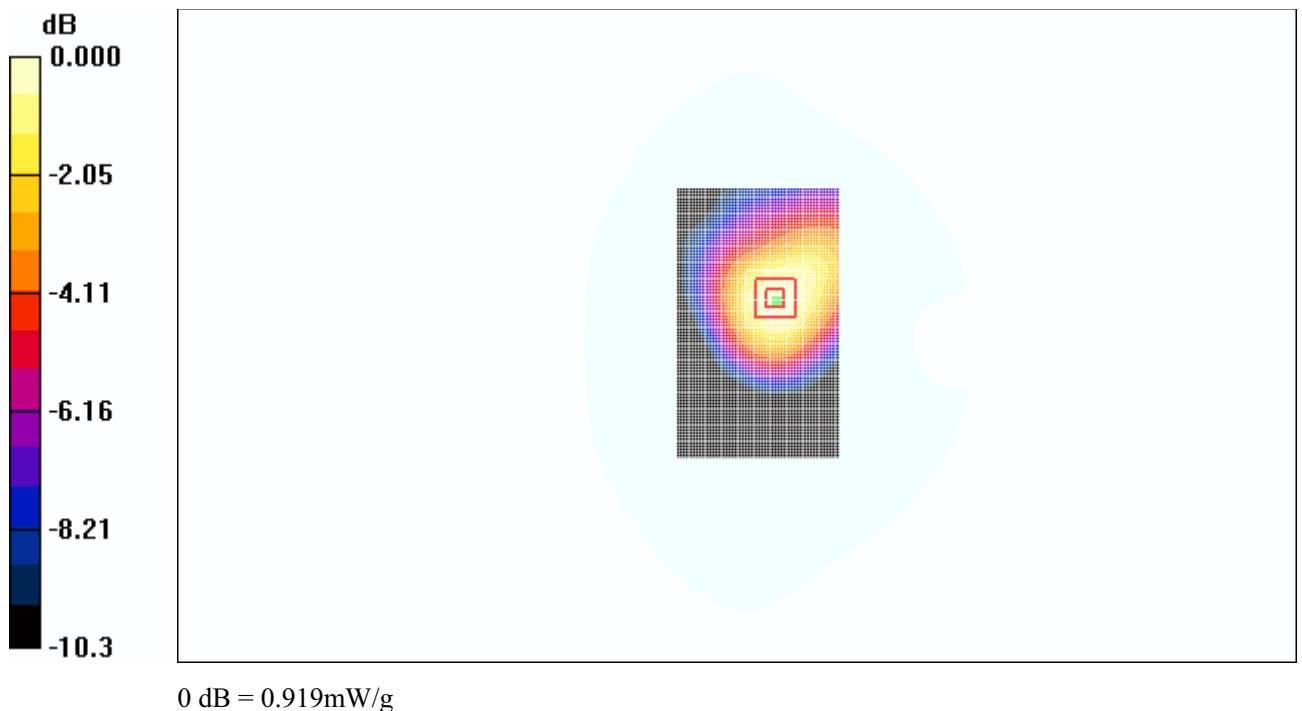
Test Position 1open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.0 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.594 mW/g

Maximum value of SAR (measured) = 0.919 mW/g

**Fig.63 850MHz GPRS CH190 with DELL Laptop (3 timeslots in uplink)**

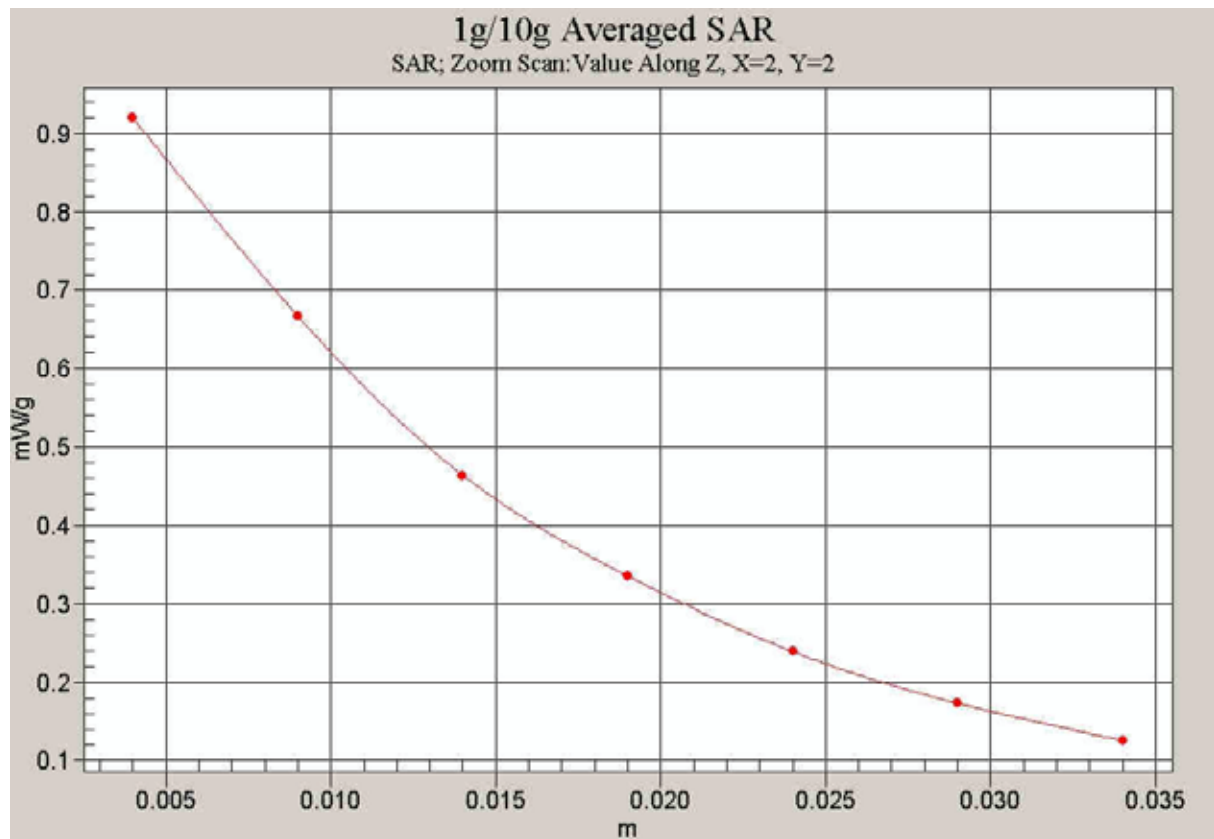


Fig.64 Z-Scan at power reference point (850MHz GPRS CH190 with DELI Laptop -3 timeslots in uplink)

850MHz GPRS Test Position 1 with DELL Laptop (2 timeslots in uplink)

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.08 mW/g

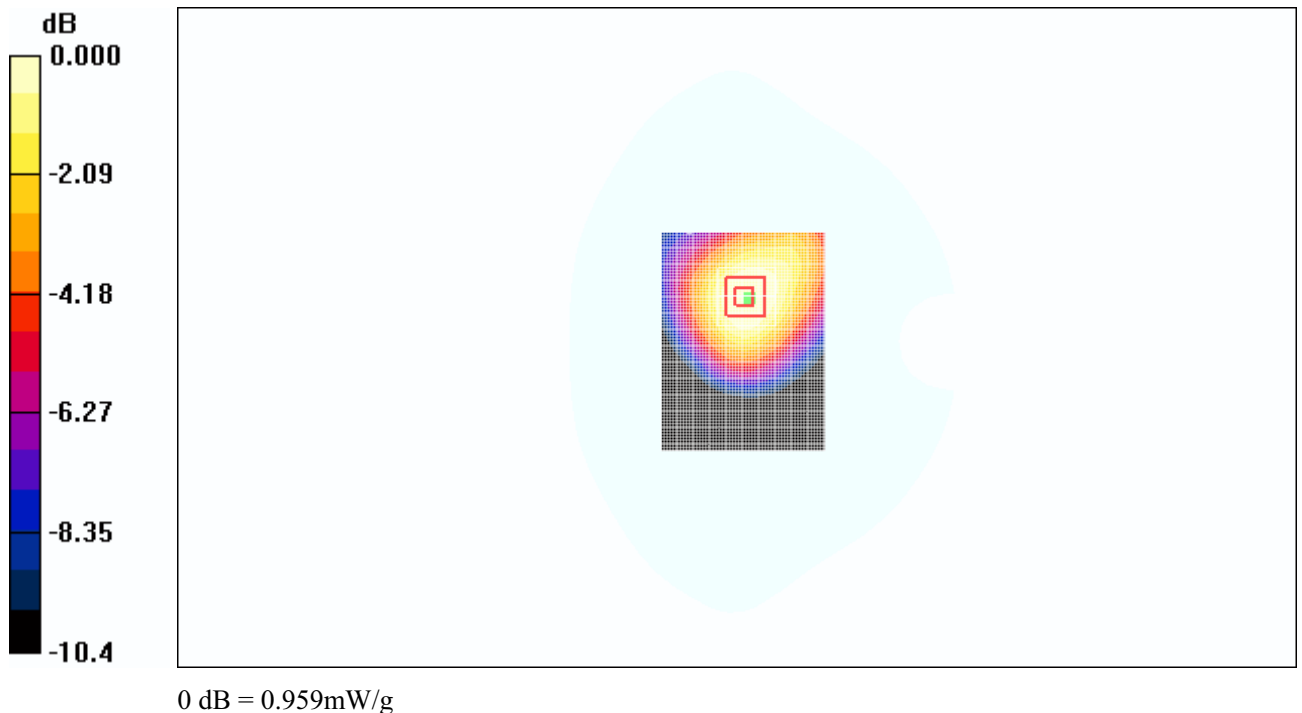
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.623 mW/g

Maximum value of SAR (measured) = 0.959 mW/g

**Fig.65 850MHz GPRS CH190 with DELL Laptop (2 timeslots in uplink)**

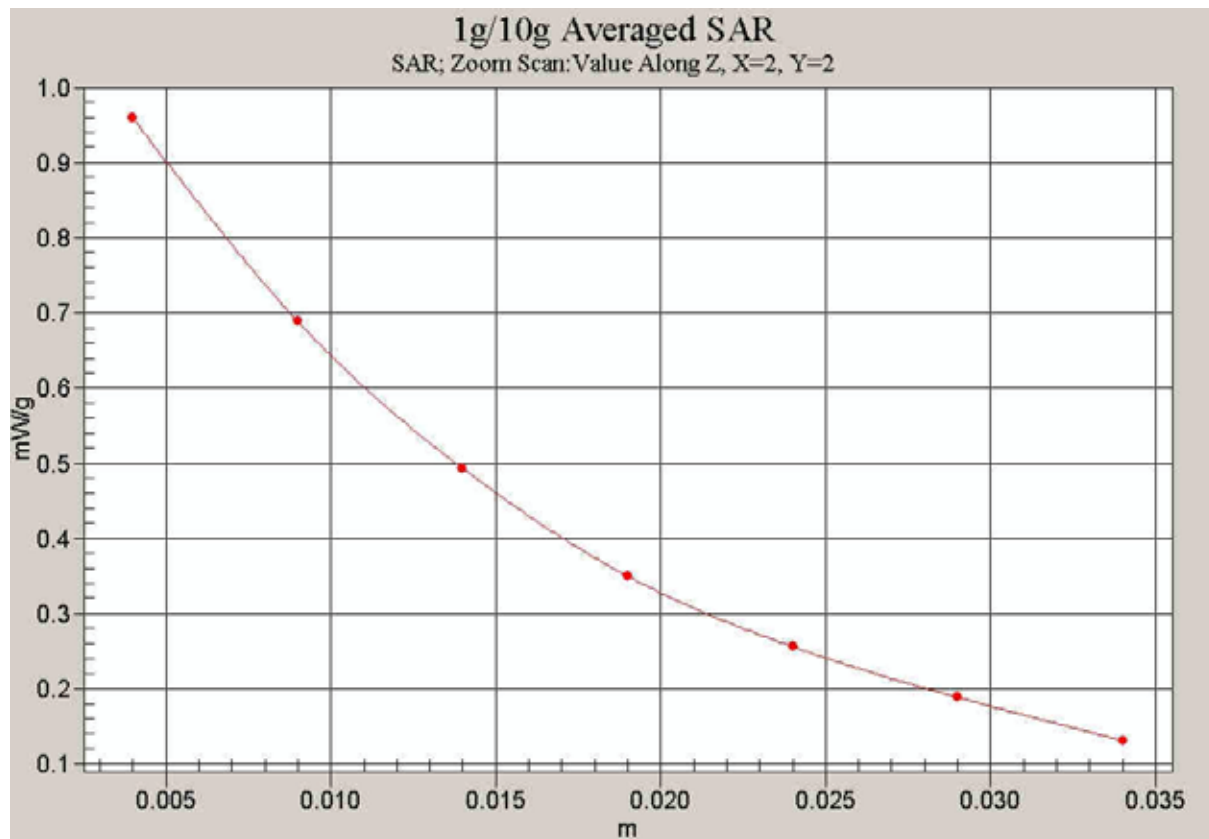


Fig.66 Z-Scan at power reference point
(850MHz GPRS CH190 with DELL Laptop -2 timeslots in uplink)

850MHz GPRS Test Position 1 with DELL Laptop (1 timeslot in uplink)

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:8

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

Test Position 1open/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.829 mW/g

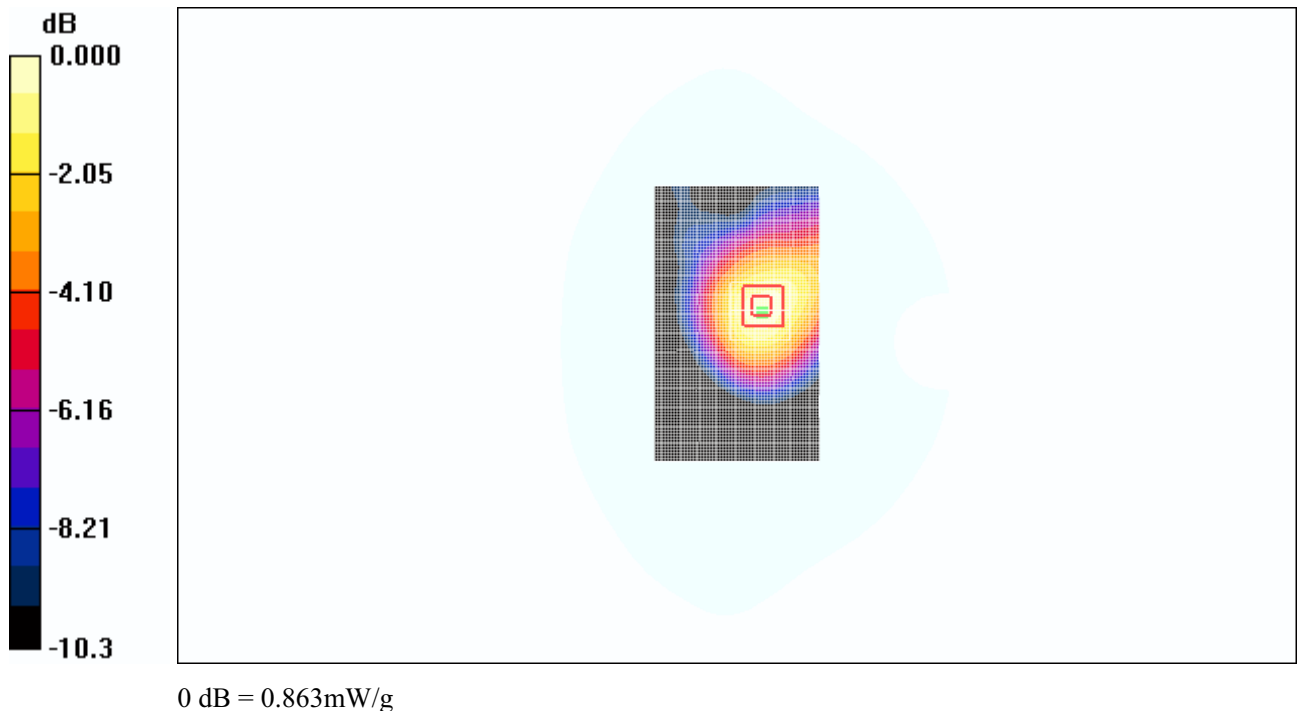
Test Position 1open/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.4 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.863 mW/g

**Fig.67 850MHz GPRS CH190 with DELL Laptop (1 timeslot in uplink)**

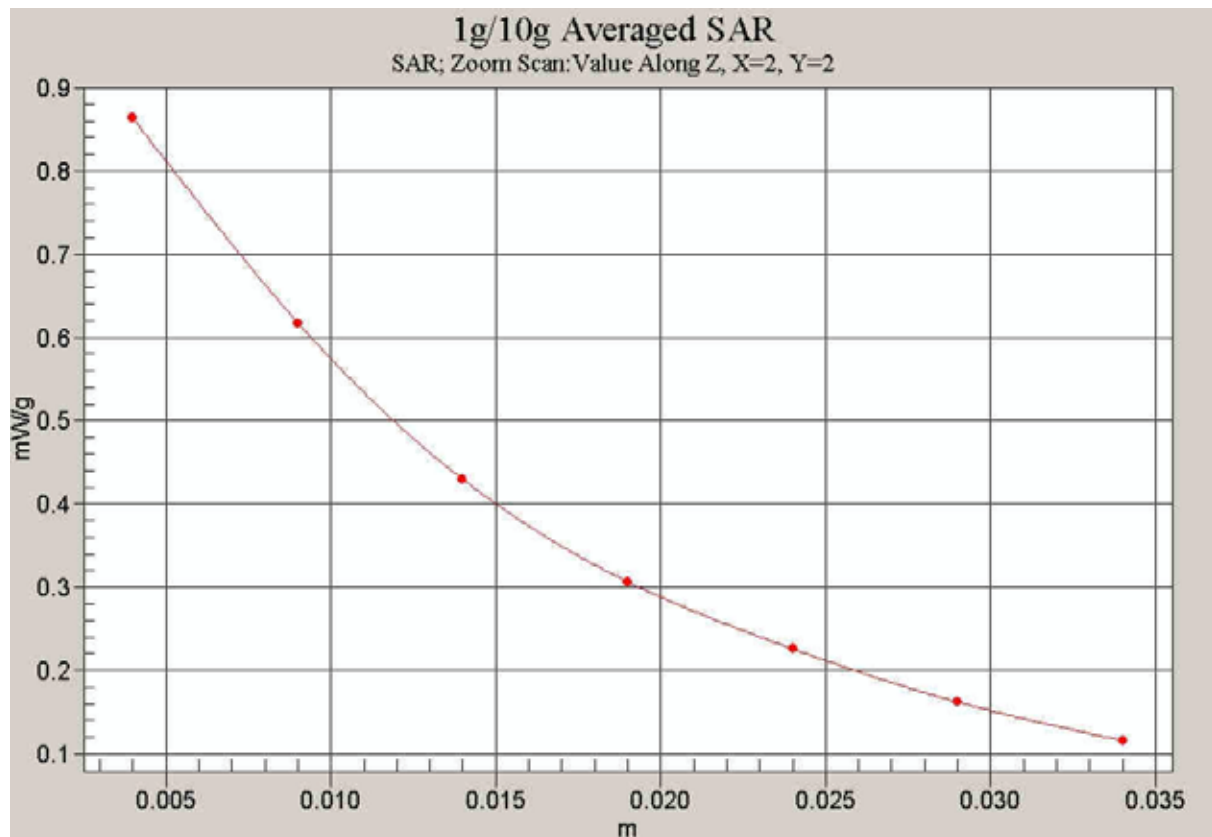


Fig.68 Z-Scan at power reference point
(850MHz GPRS CH190 with DELL Laptop -1 timeslot in uplink)

850MHz GPRS Test Position 1 with DELL Laptop-antenna folded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.605 mW/g

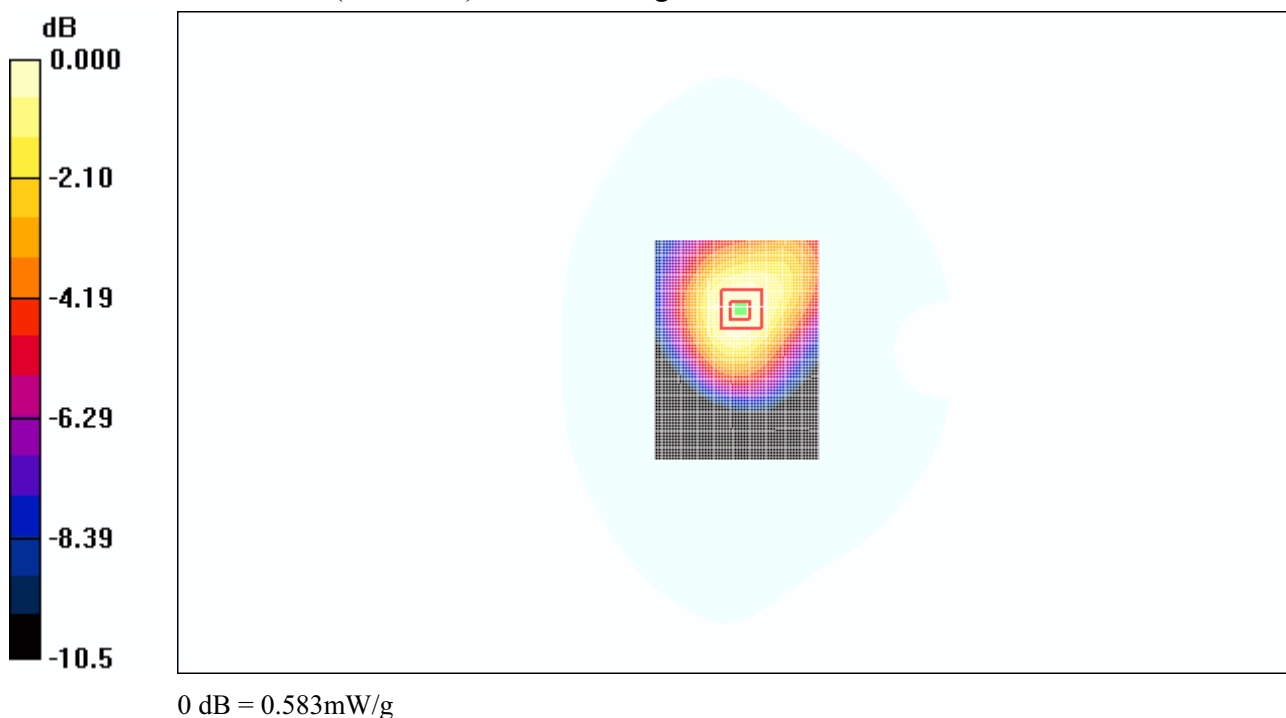
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.583 mW/g

**Fig.69 850MHz GPRS CH190 Test Position 1**

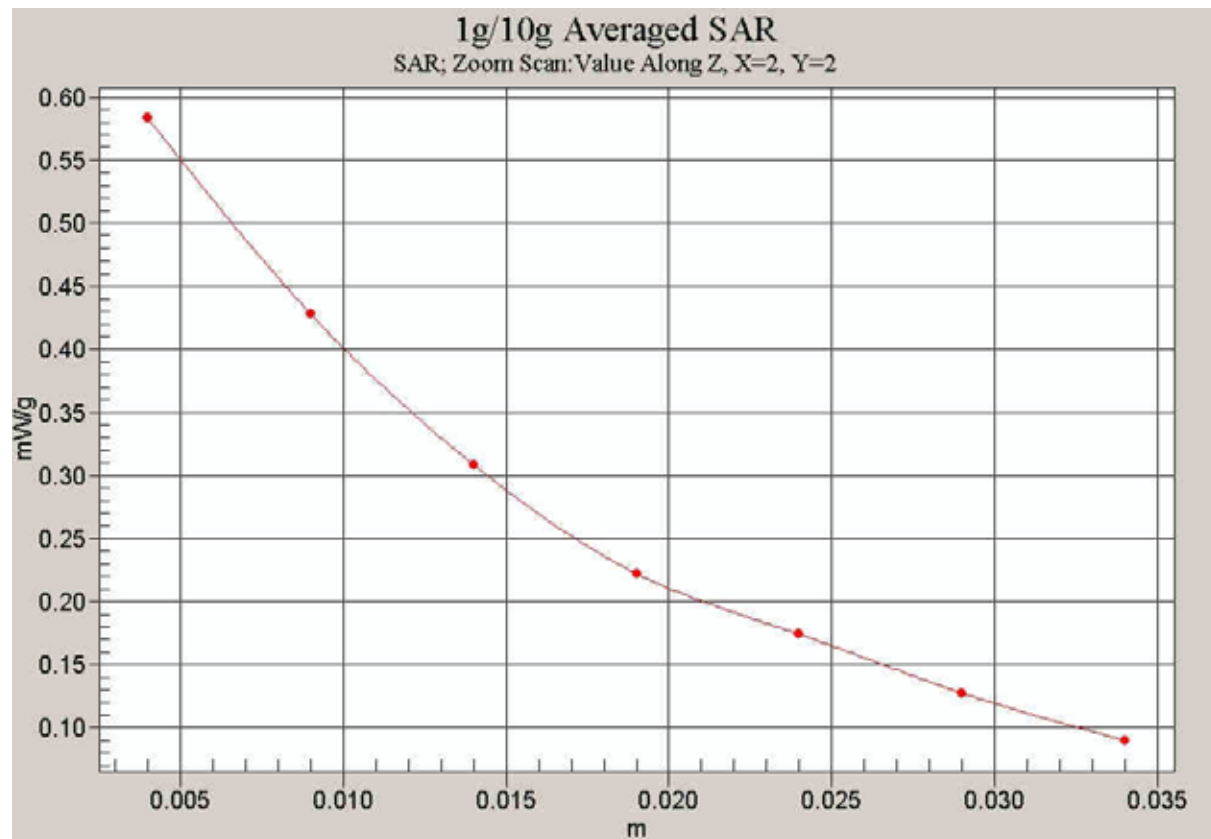


Fig.70 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850 GPRS Test Position 2 with DELL Laptop-antenna folded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.033 mW/g

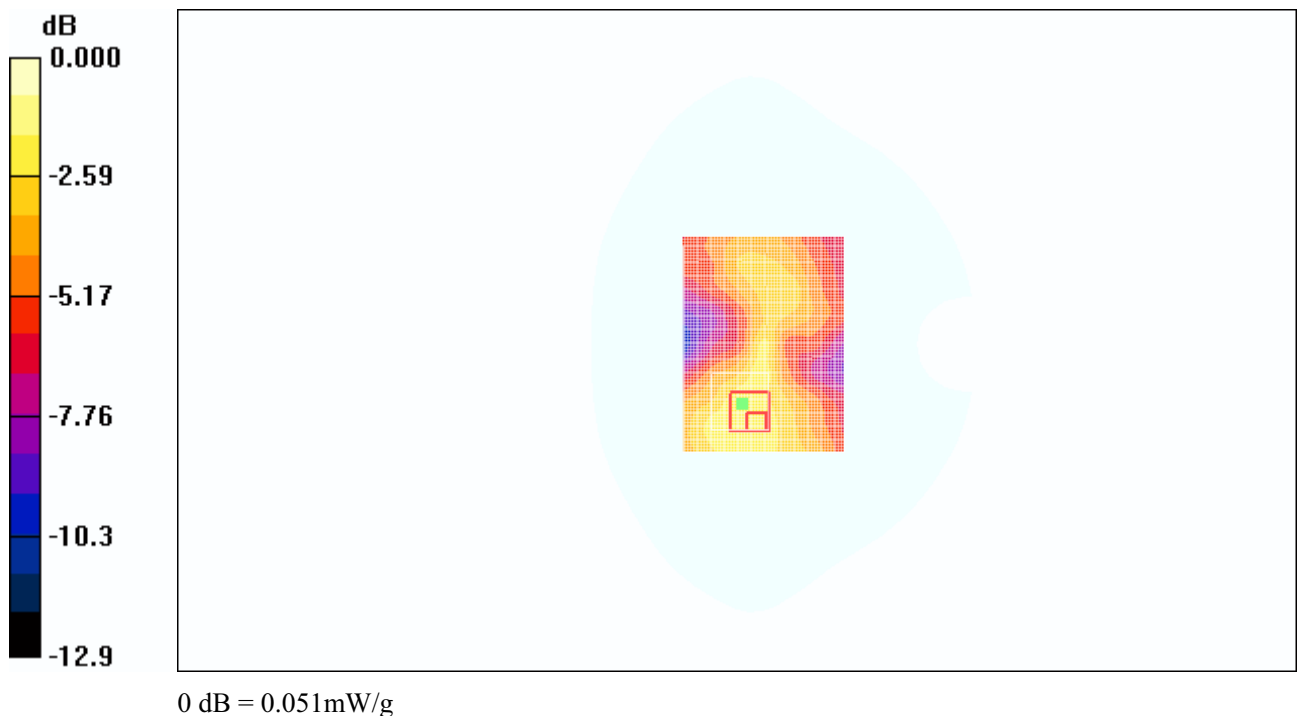
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.025 mW/g

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

**Fig.71 850MHz CH190 GPRS Test Position 2**

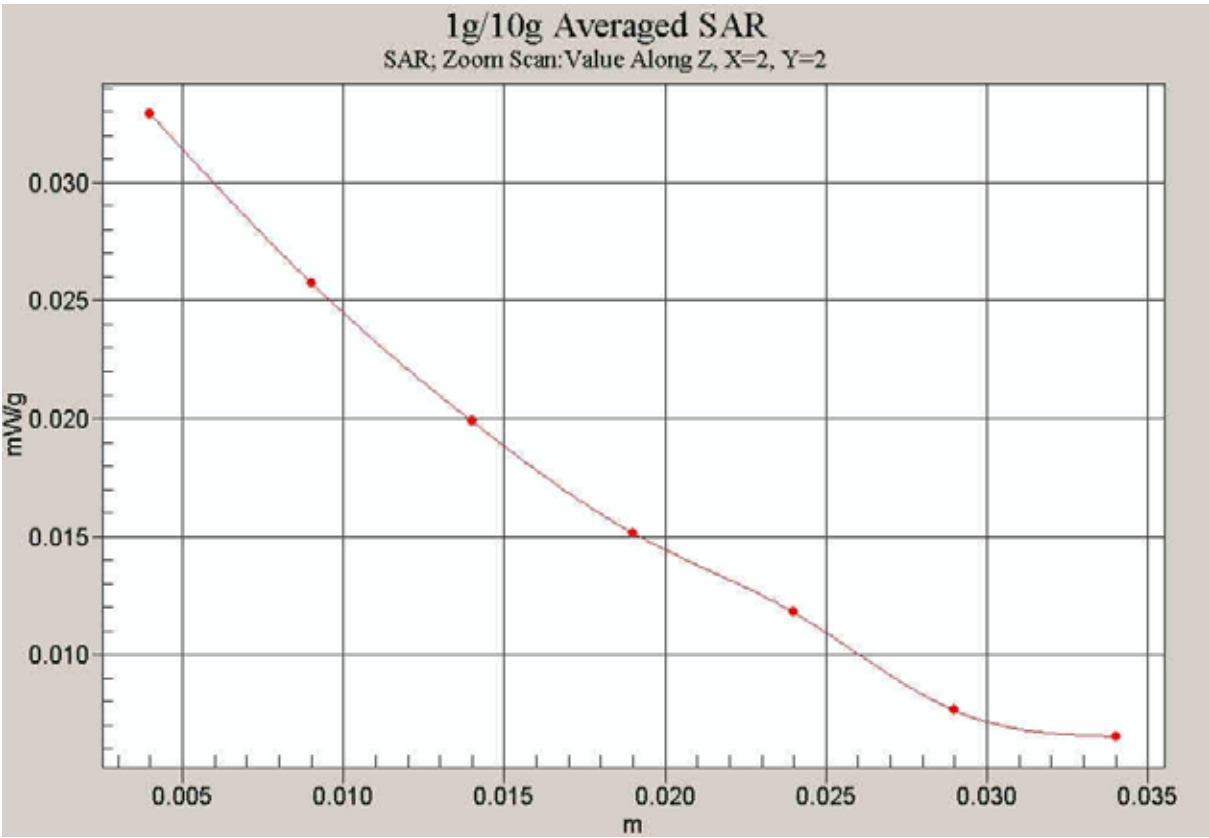


Fig.72 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

850 GPRS Test Position 1 with DELL Laptop-antenna unfolded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.08 mW/g

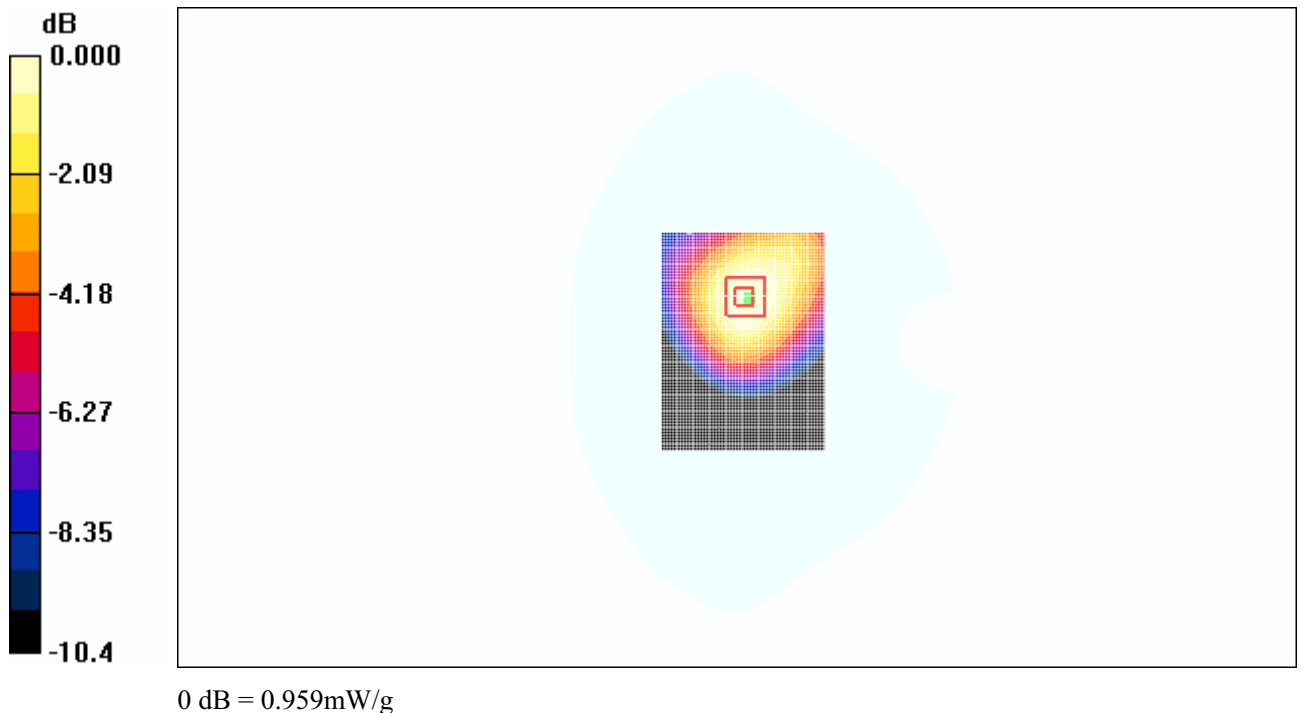
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.623 mW/g

Maximum value of SAR (measured) = 0.959 mW/g

**Fig.73 850MHz GPRS CH190 Test Position 1**

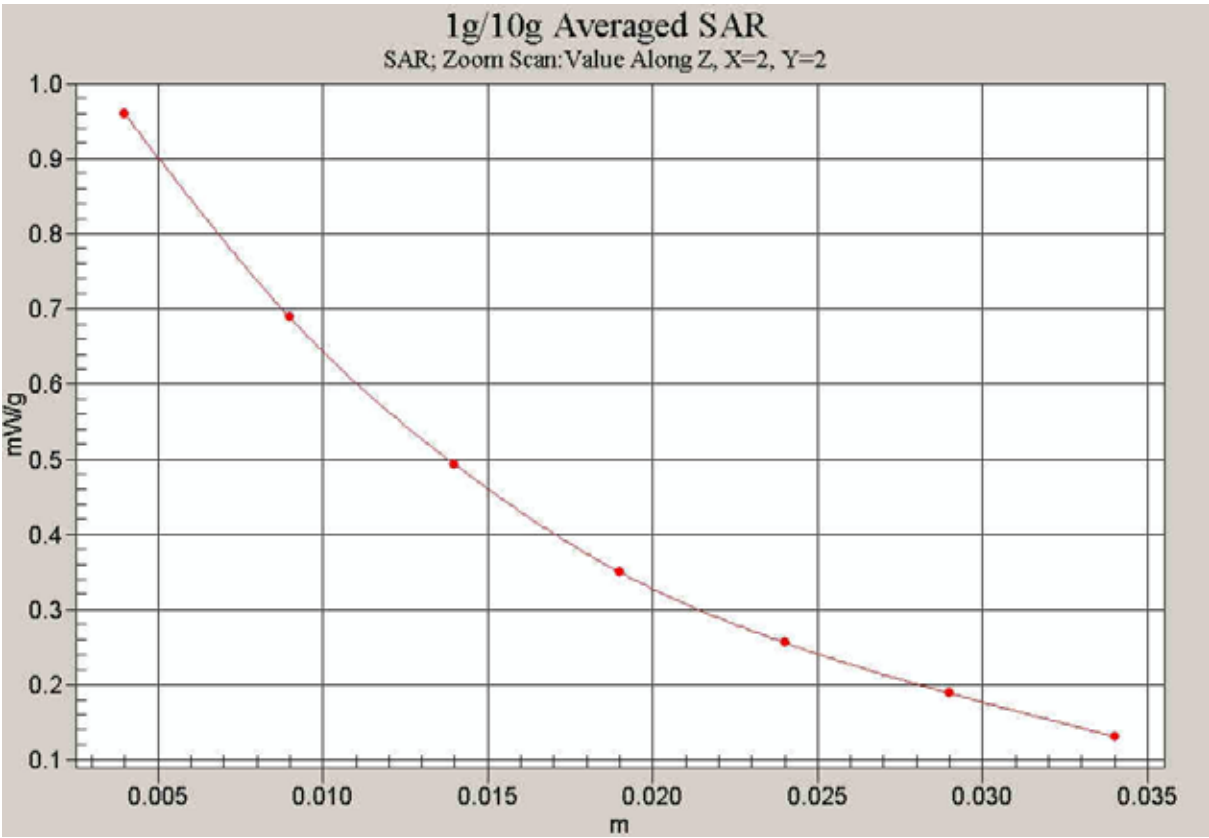


Fig.74 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850 GPRS Test Position 2 with DELL Laptop-antenna unfolded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

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

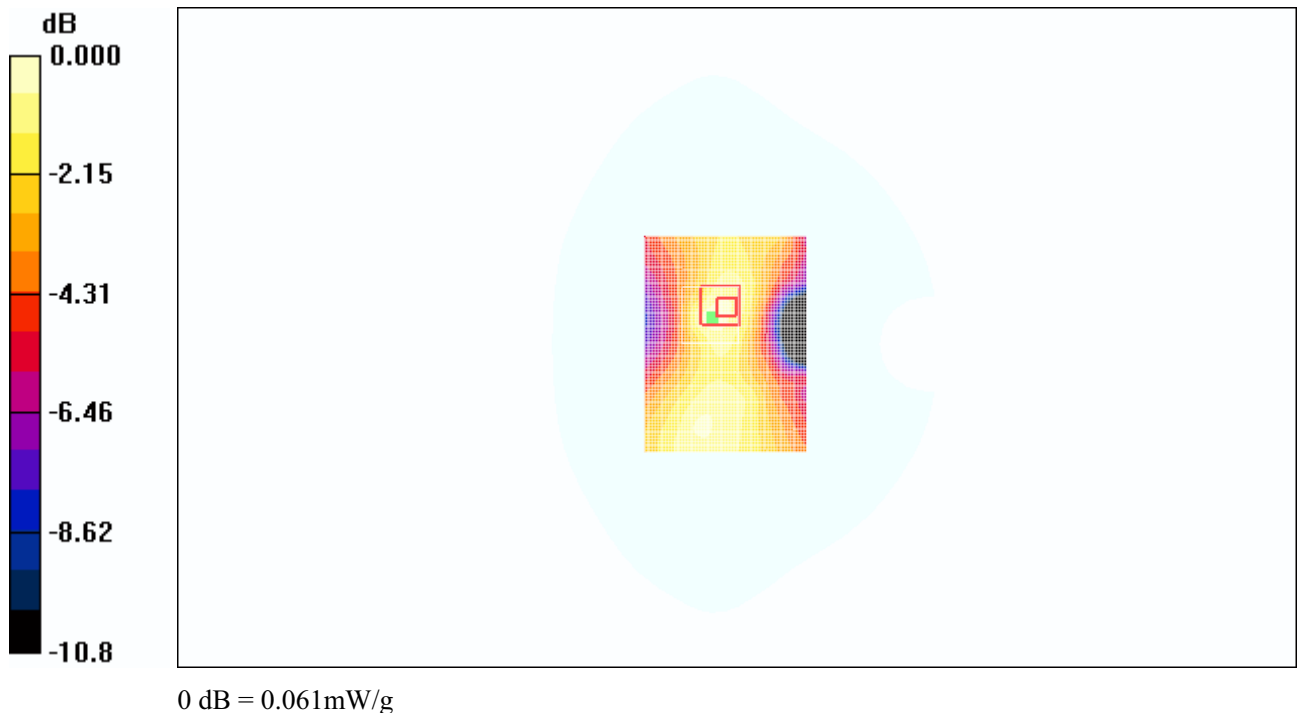
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.19 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.061 mW/g

**Fig.75 850MHz CH190 GPRS Test Position 2**

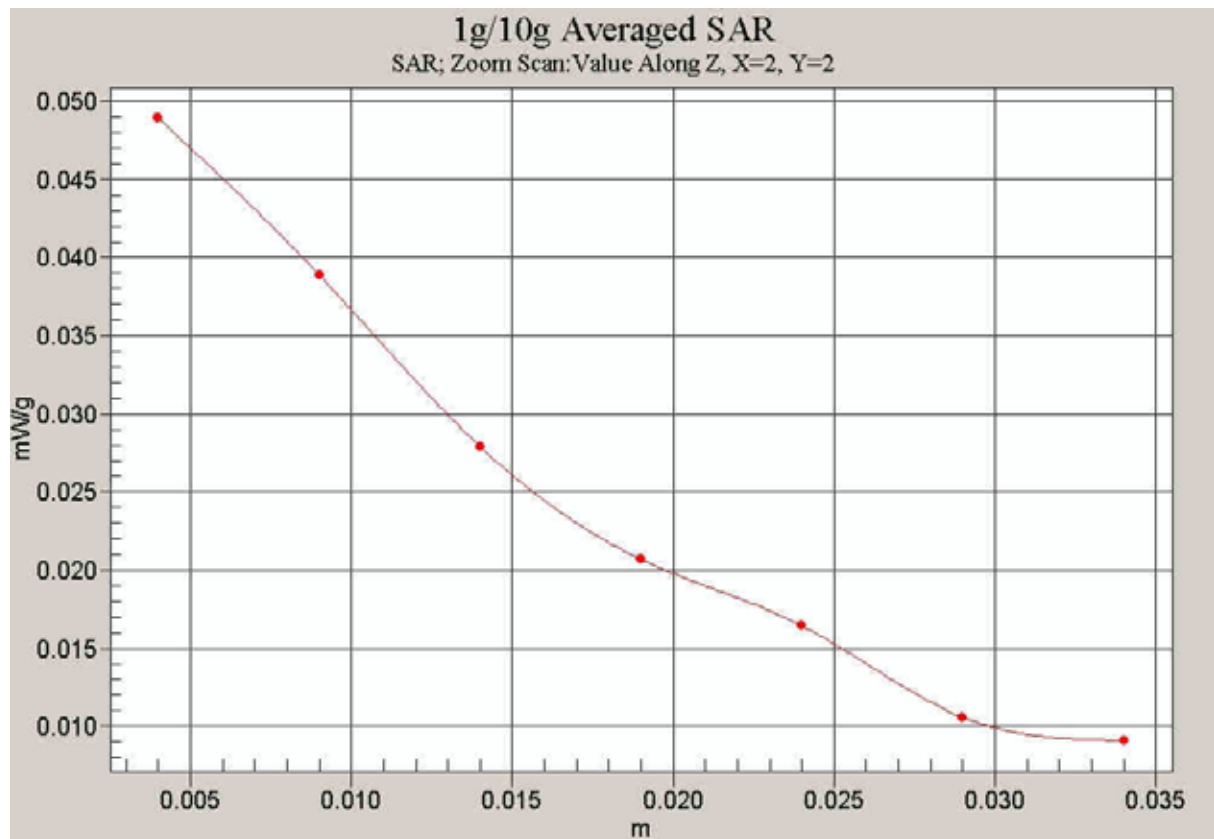


Fig.76 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

850 GPRS Test Position 1 with HP Laptop-antenna folded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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)

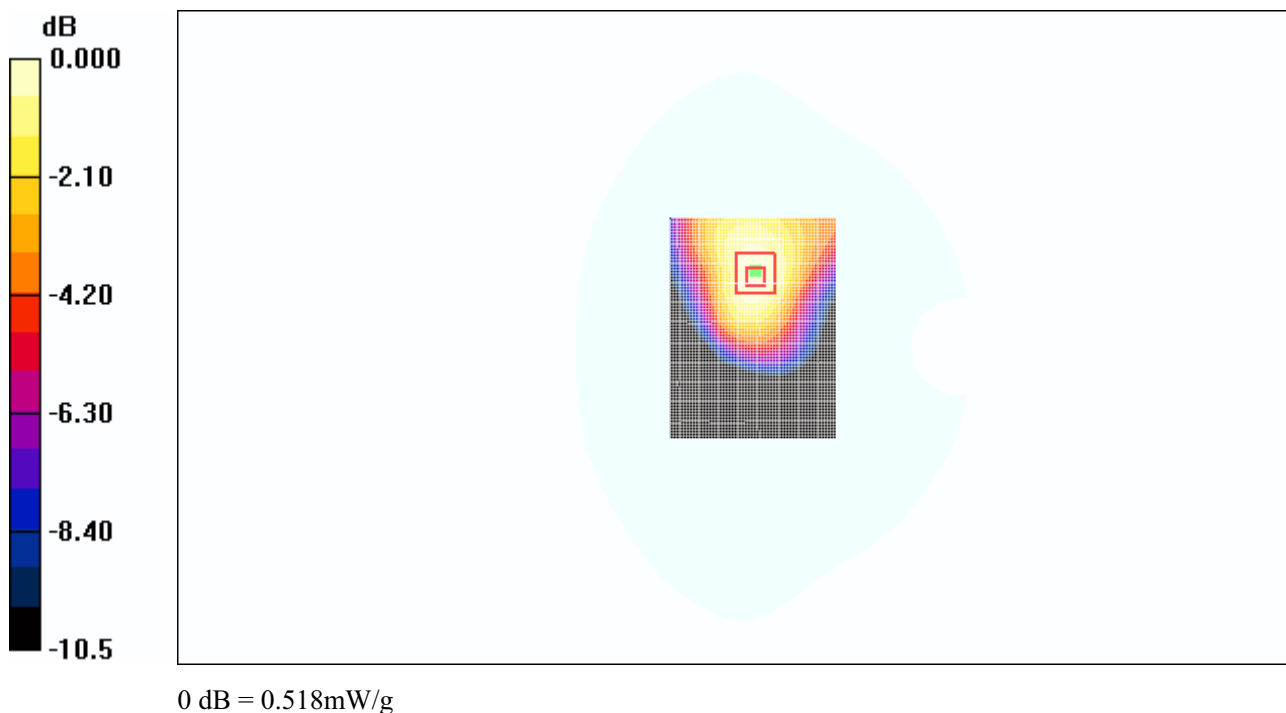
Test Position 1/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.519 mW/g**Test Position 1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.518 mW/g

**Fig.77 850MHz GPRS CH190 Test Position 1**

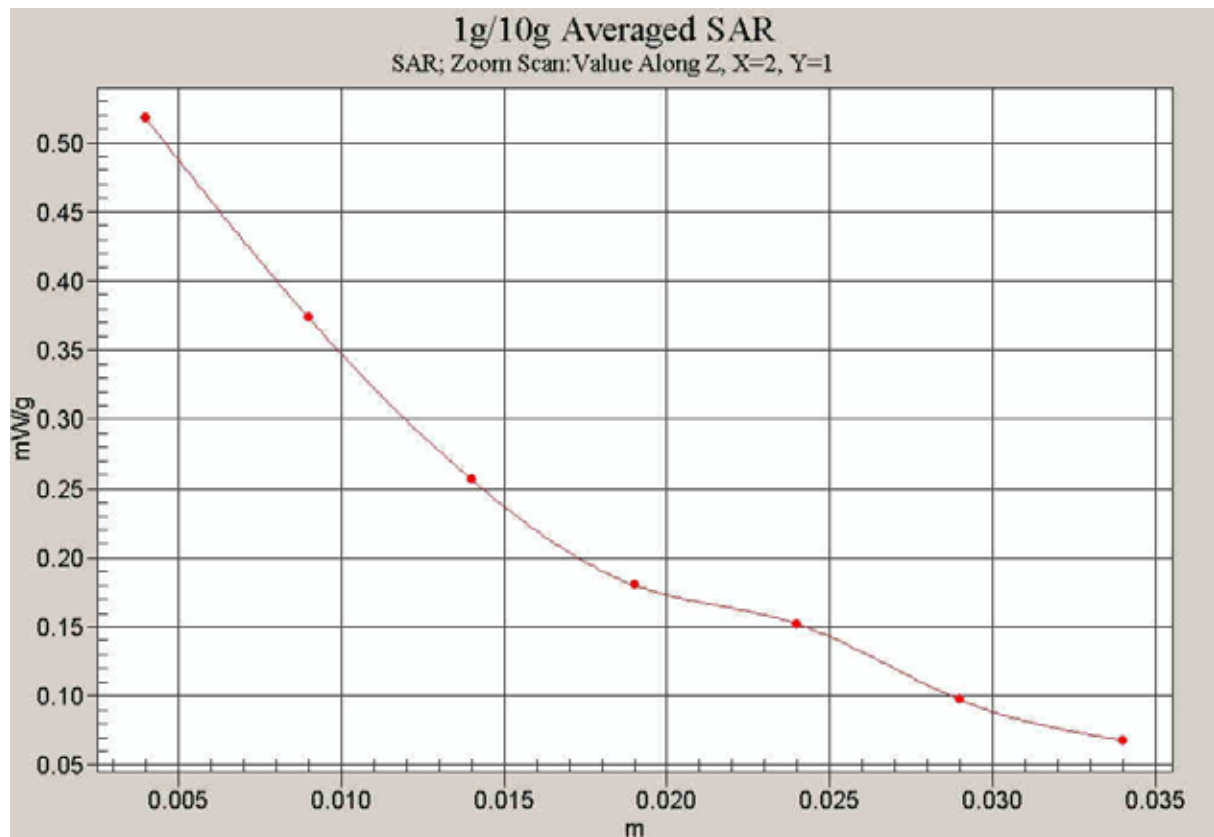


Fig.78 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850 GPRS Test Position 2 with HP Laptop-antenna folded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.041 mW/g

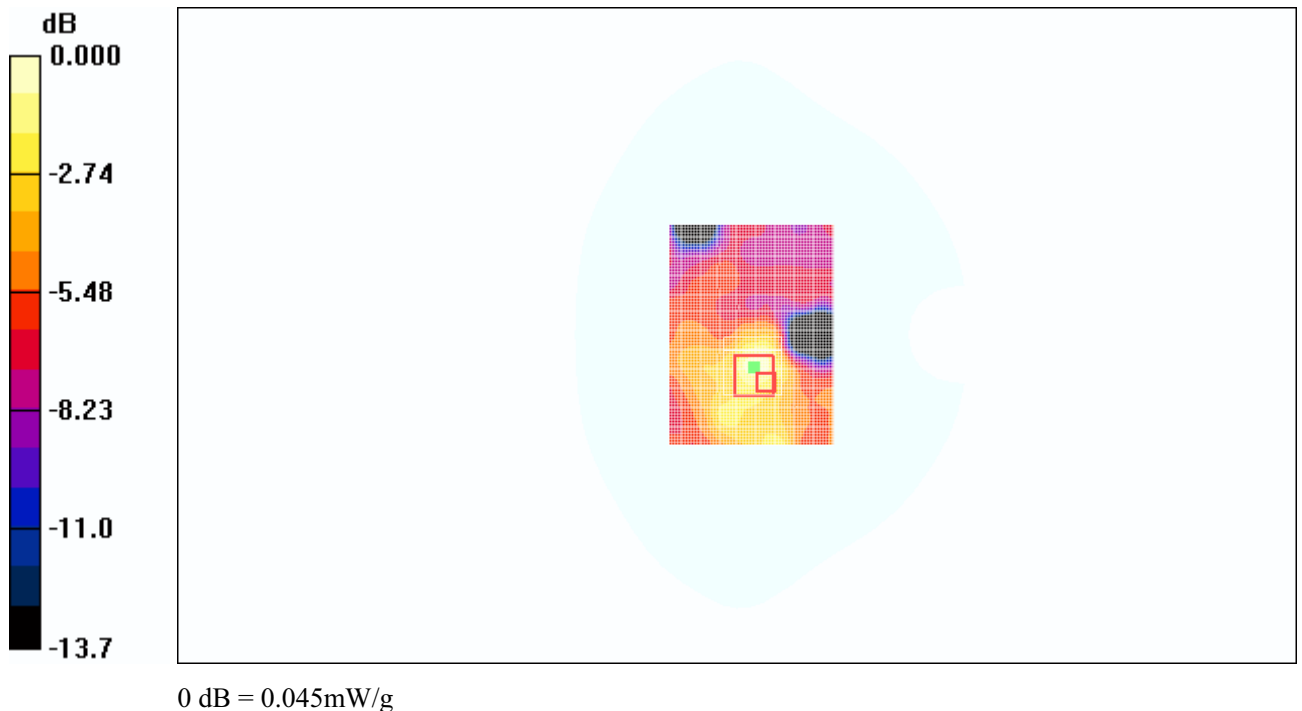
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.25 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.045 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.019 mW/g

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

**Fig.79 850MHz CH190 GPRS Test Position 2**

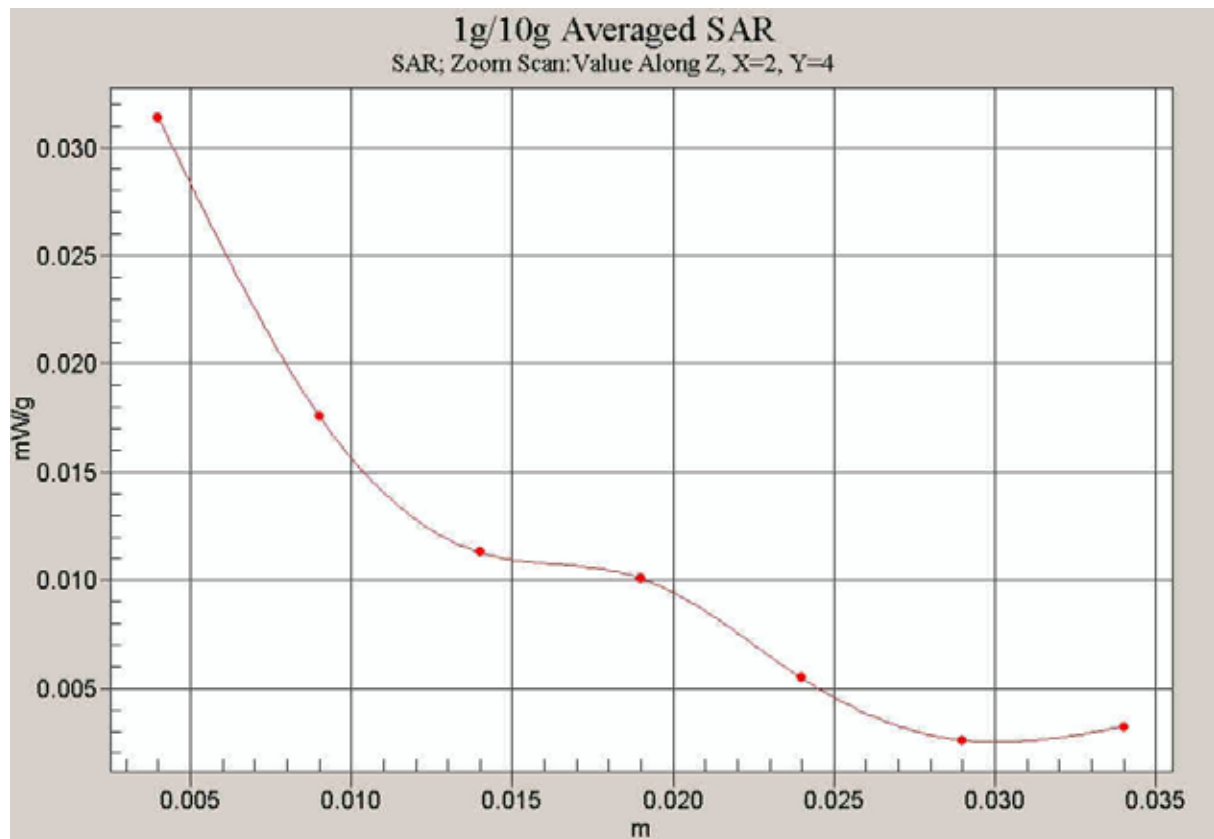


Fig.80 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

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

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.909 mW/g

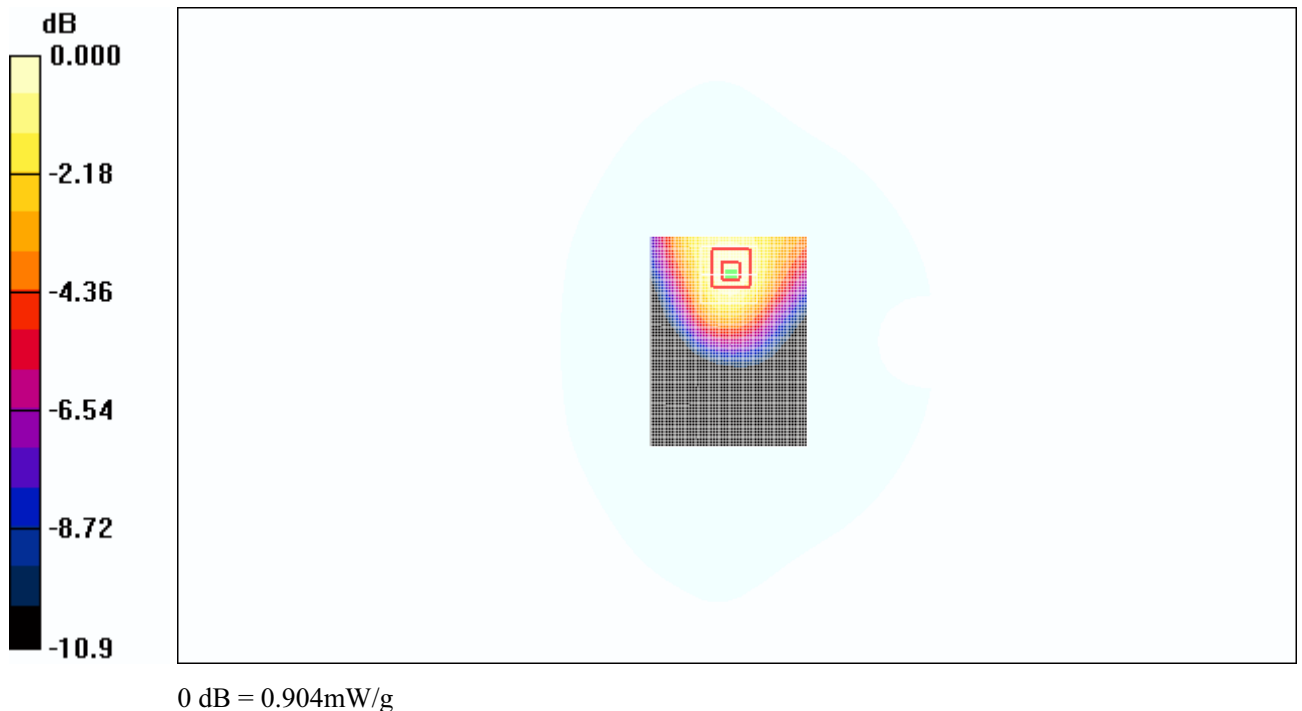
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.904 mW/g

**Fig.81 850MHz GPRS CH190 Test Position 1**

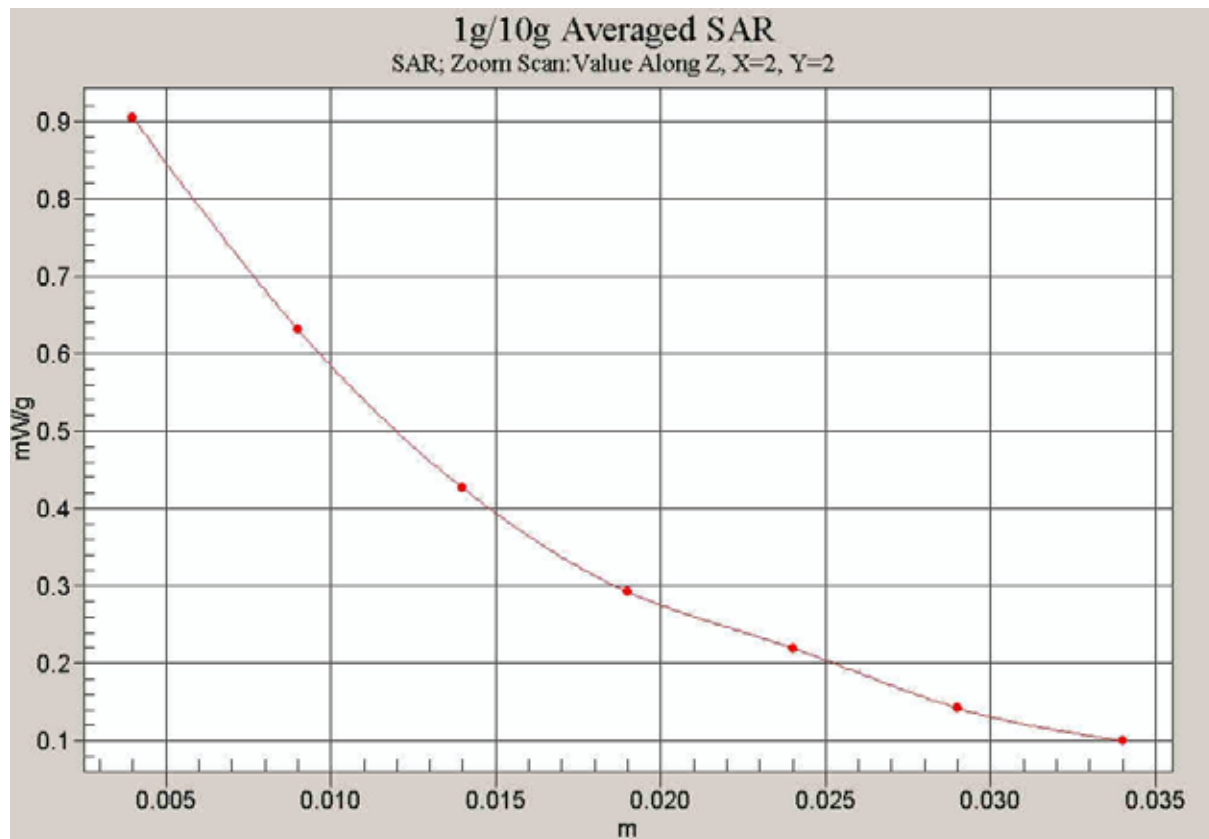


Fig.82 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850 GPRS Test Position 2 with HP Laptop-antenna unfolded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.160 mW/g

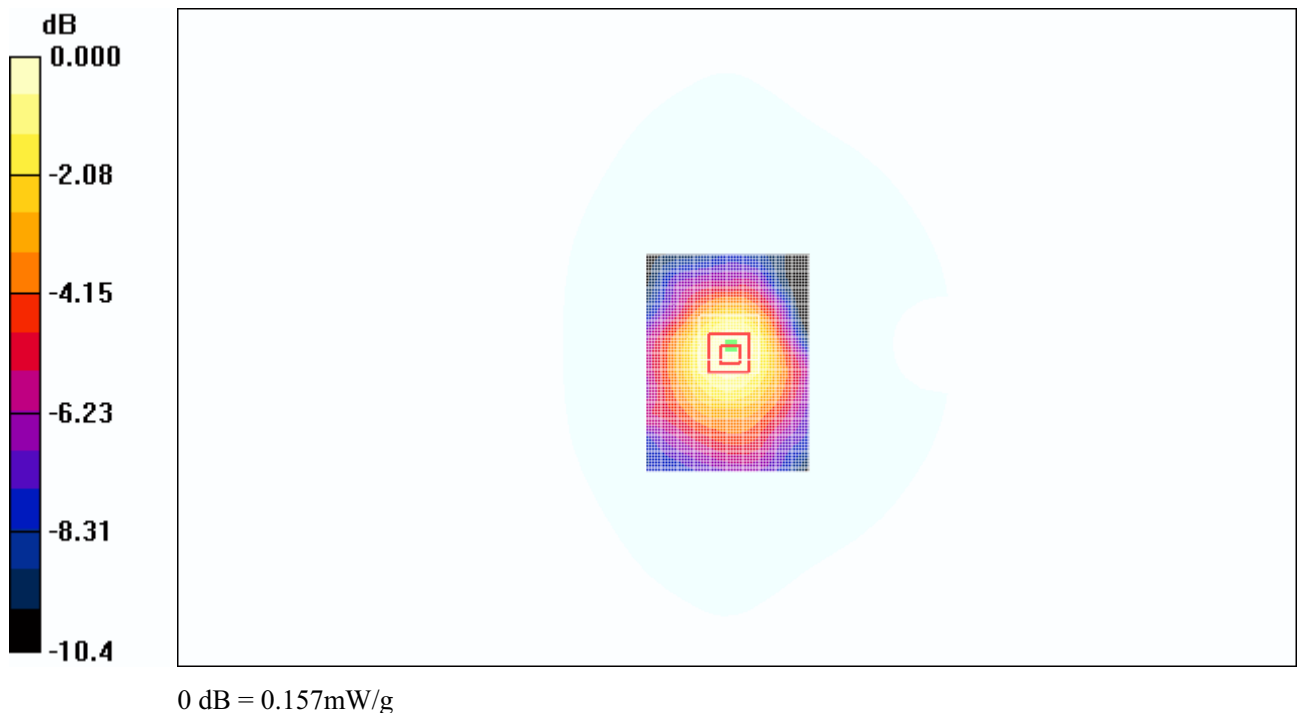
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.157 mW/g

**Fig.83 850MHz CH190 GPRS Test Position 2**

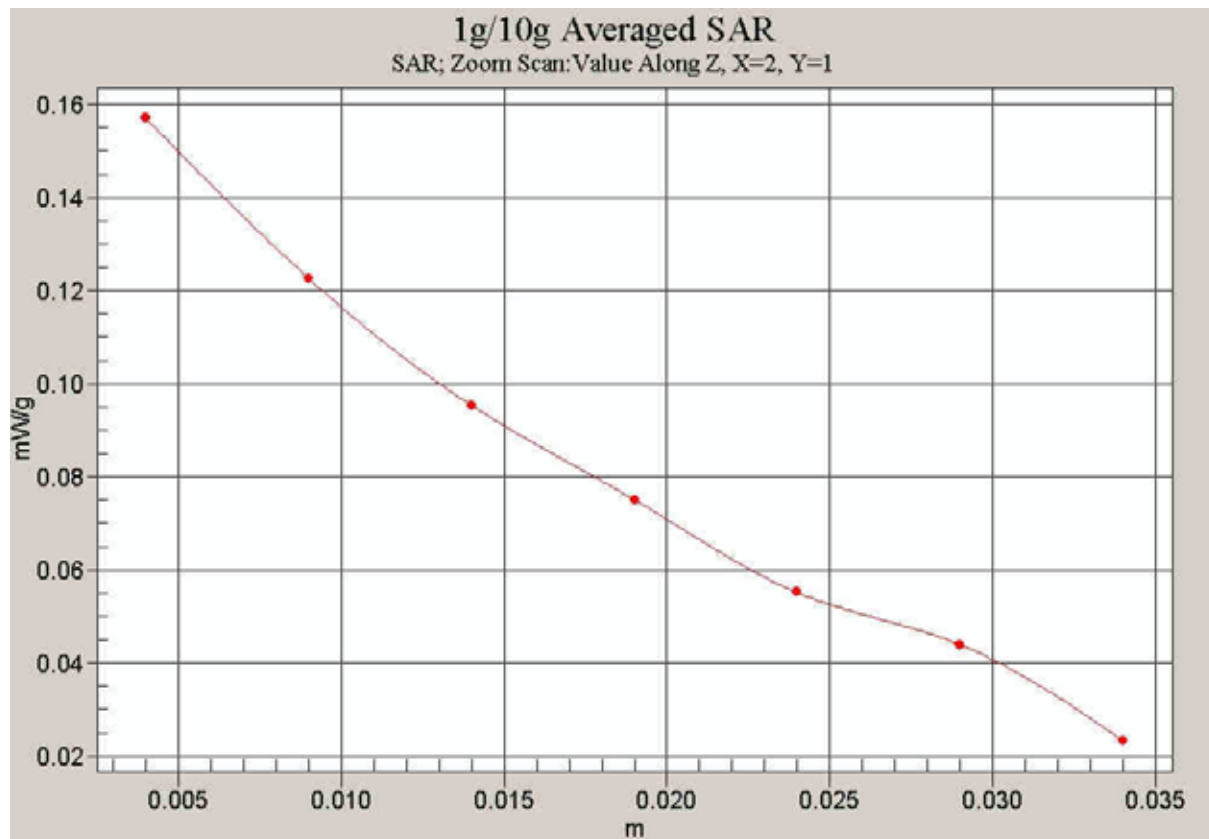


Fig.84 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

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

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.607 mW/g

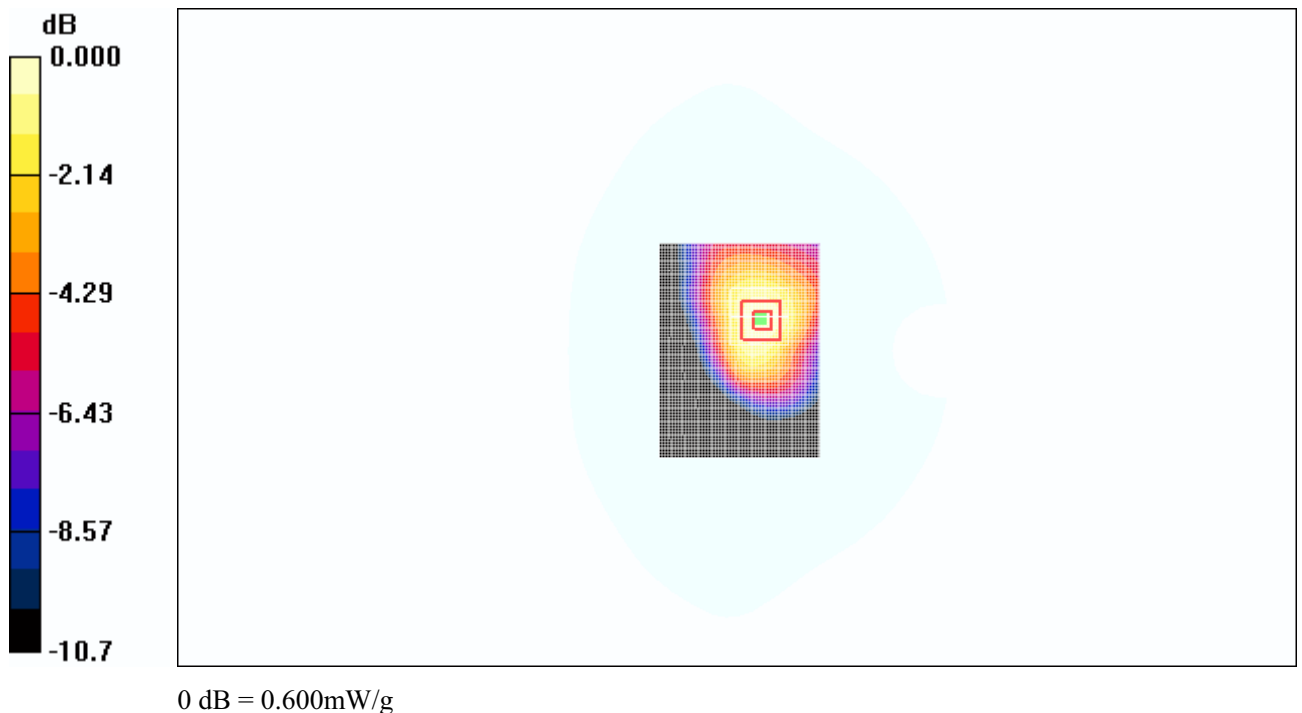
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.0 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 0.600 mW/g

**Fig.85 850MHz GPRS CH190 Test Position 1**

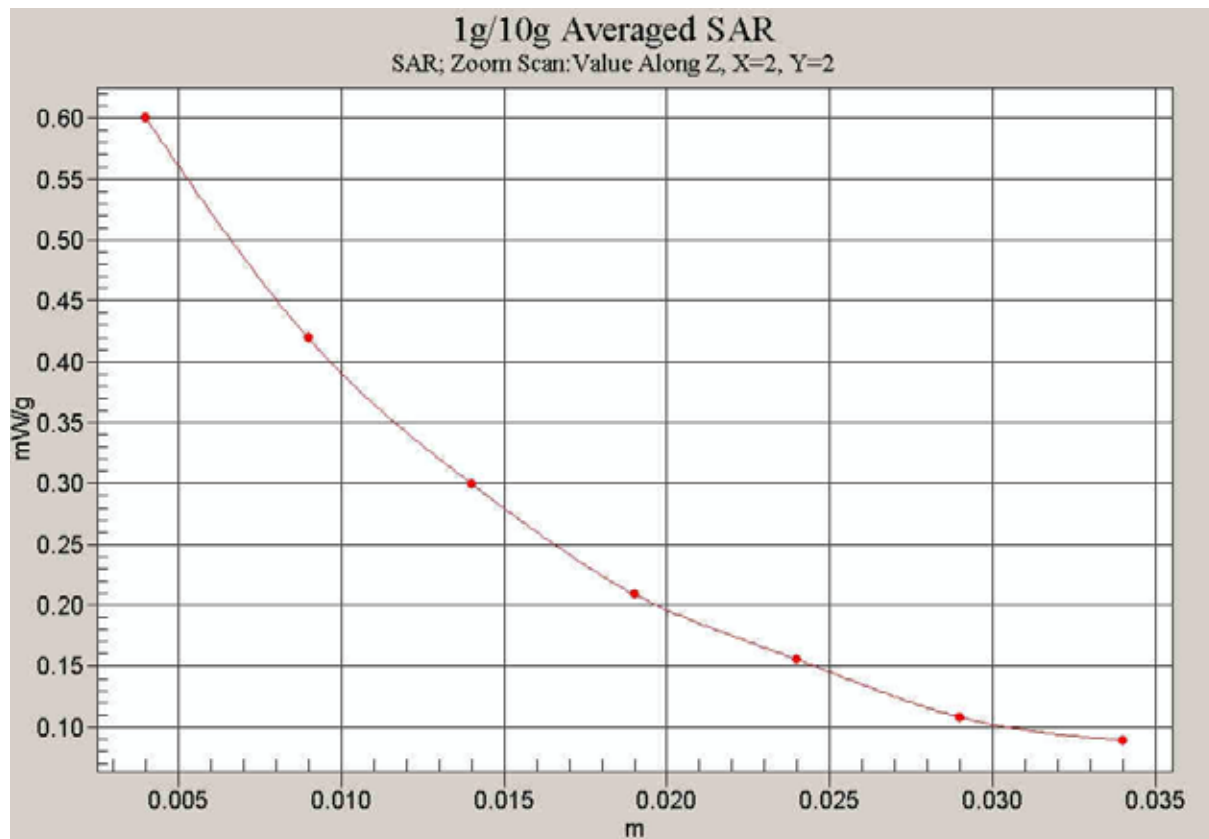


Fig.86 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850 GPRS Test Position 2 with IBM Laptop-antenna folded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

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

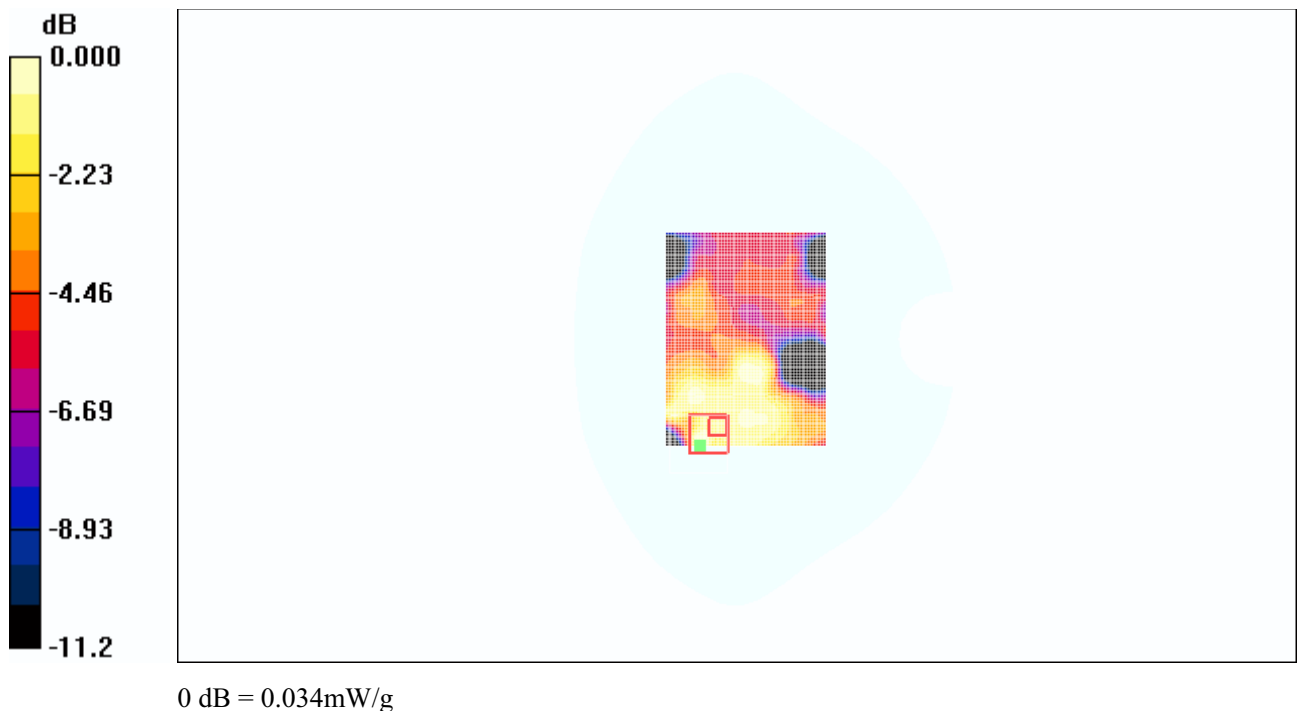
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.20 V/m; Power Drift = -0.190 dB

Peak SAR (extrapolated) = 0.063 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.034 mW/g

**Fig.87 850MHz CH190 GPRS Test Position 2**

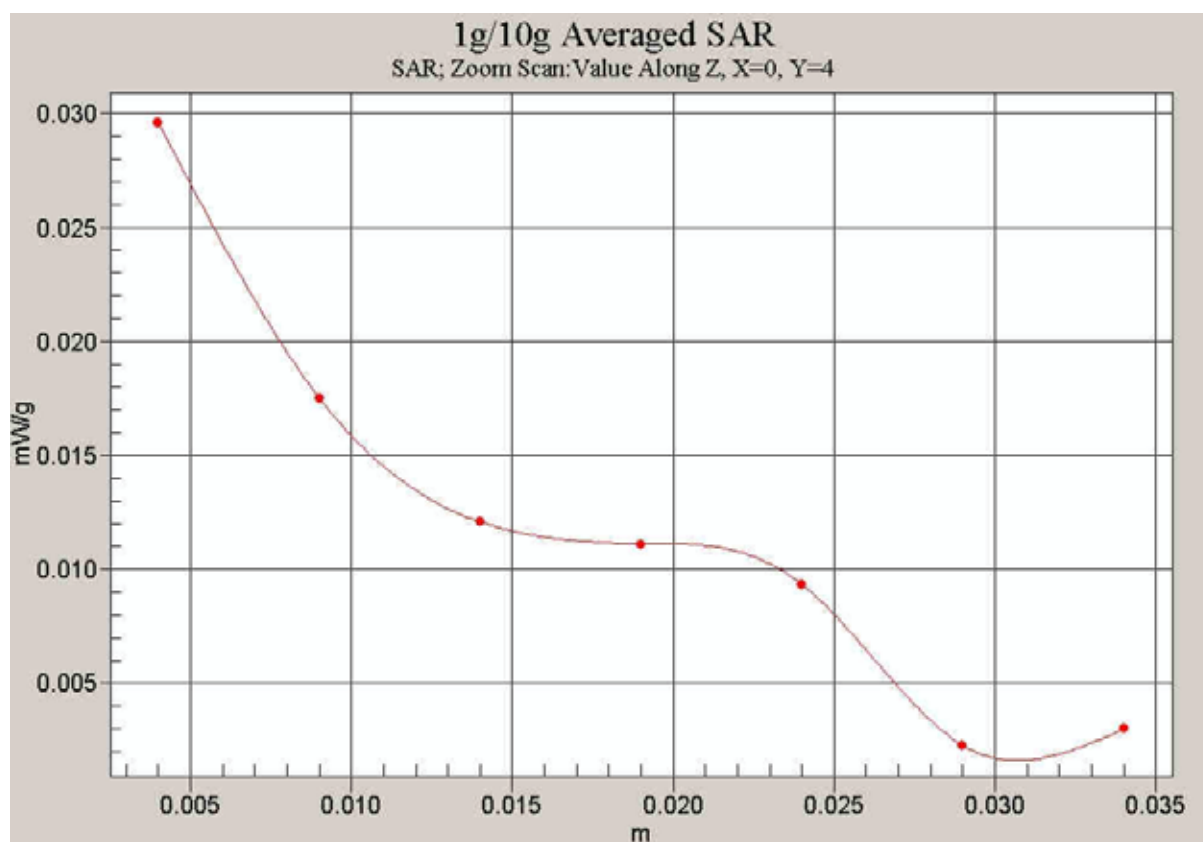


Fig.88 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

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

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

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

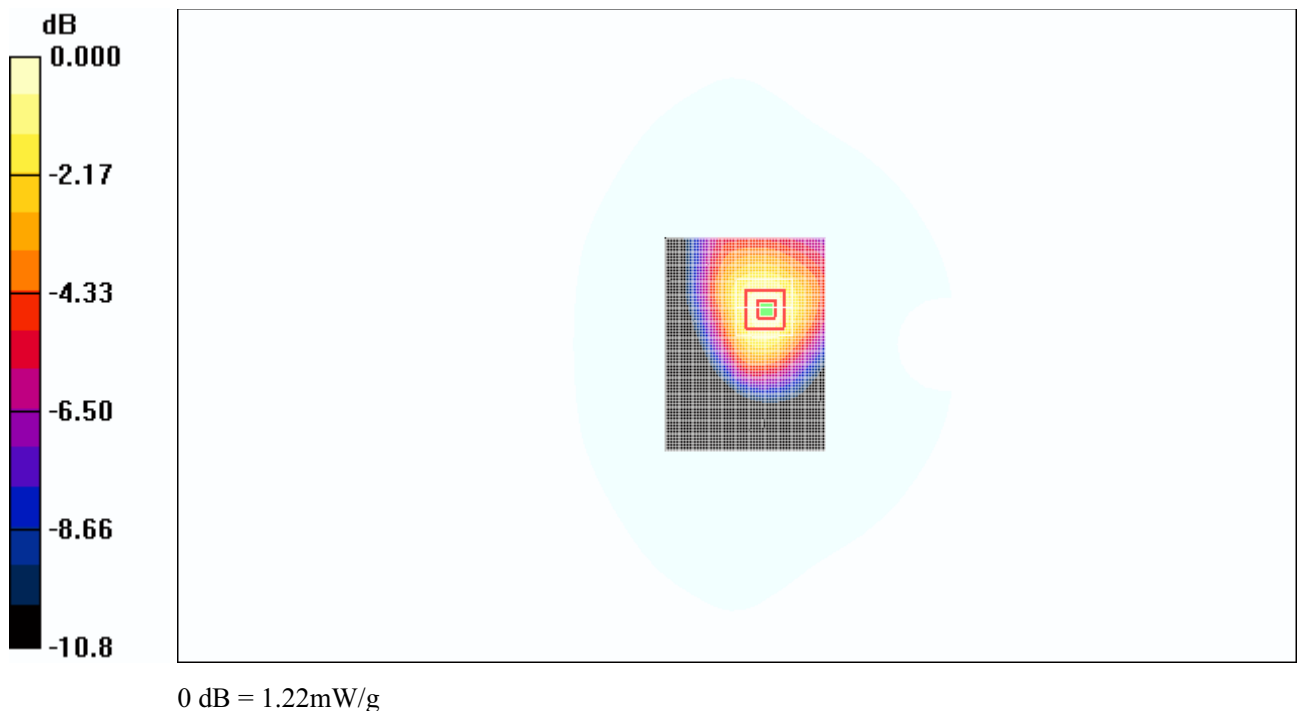
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.8 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.740 mW/g

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

**Fig.89 850MHz GPRS CH190 Test Position 1**

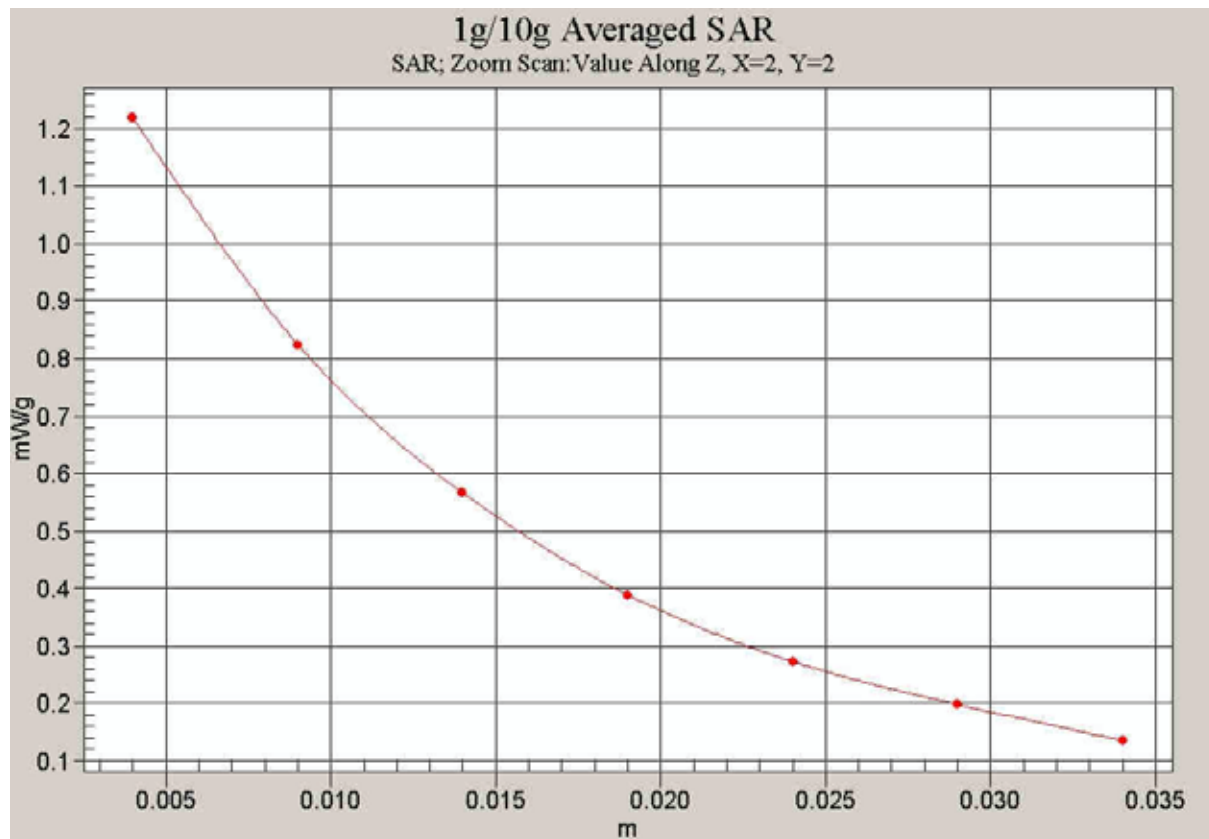


Fig.90 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 1)

850MHz GPRS Test Position 1 with IBM Laptop High-antenna unfolded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ 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 1 High/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.15 mW/g

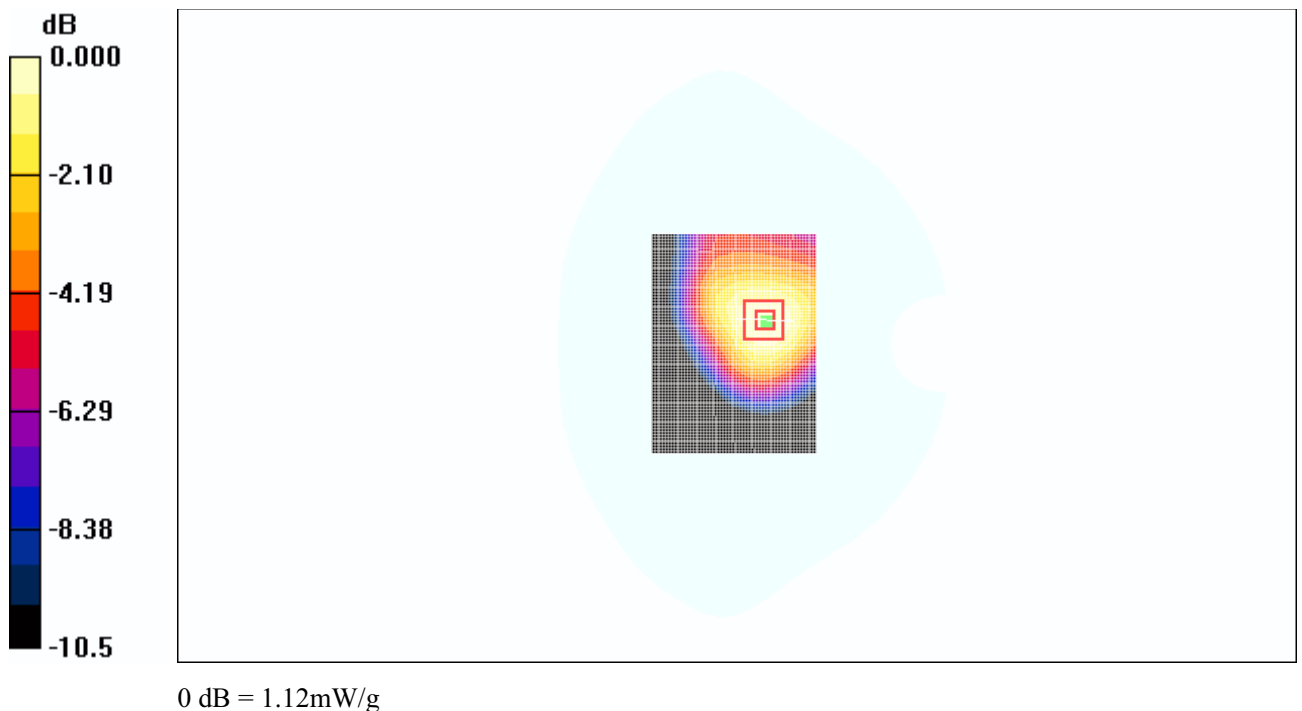
Test Position 1 High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.714 mW/g

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

**Fig.91 850MHz GPRS CH251 Test Position 1**

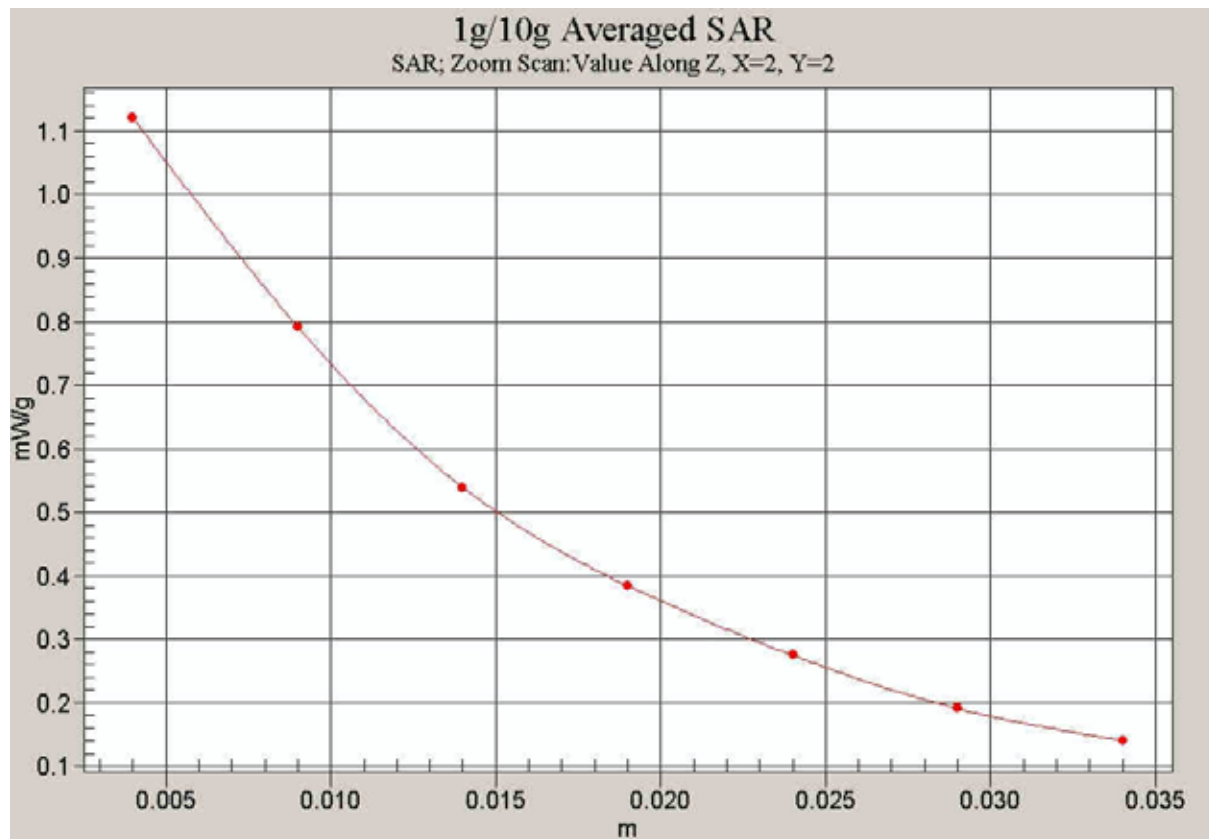


Fig.92 Z-Scan at power reference point (850 MHz GPRS CH251 Test Position 1)

850MHz GPRS Test Position 1 with IBM Laptop Low-antenna unfolded

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

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 1 Low/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.19 mW/g

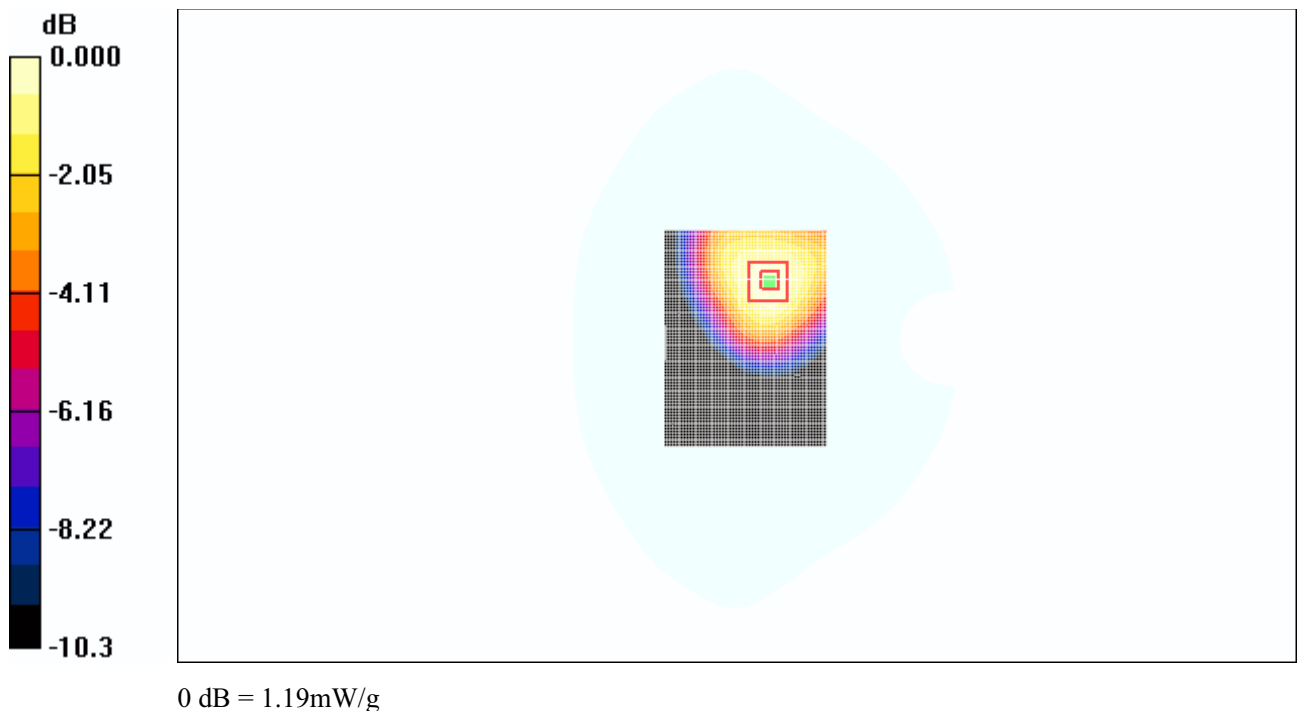
Test Position 1 Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.759 mW/g

Maximum value of SAR (measured) = 1.19 mW/g

**Fig.93 850MHz GPRS CH128 Test Position 1**

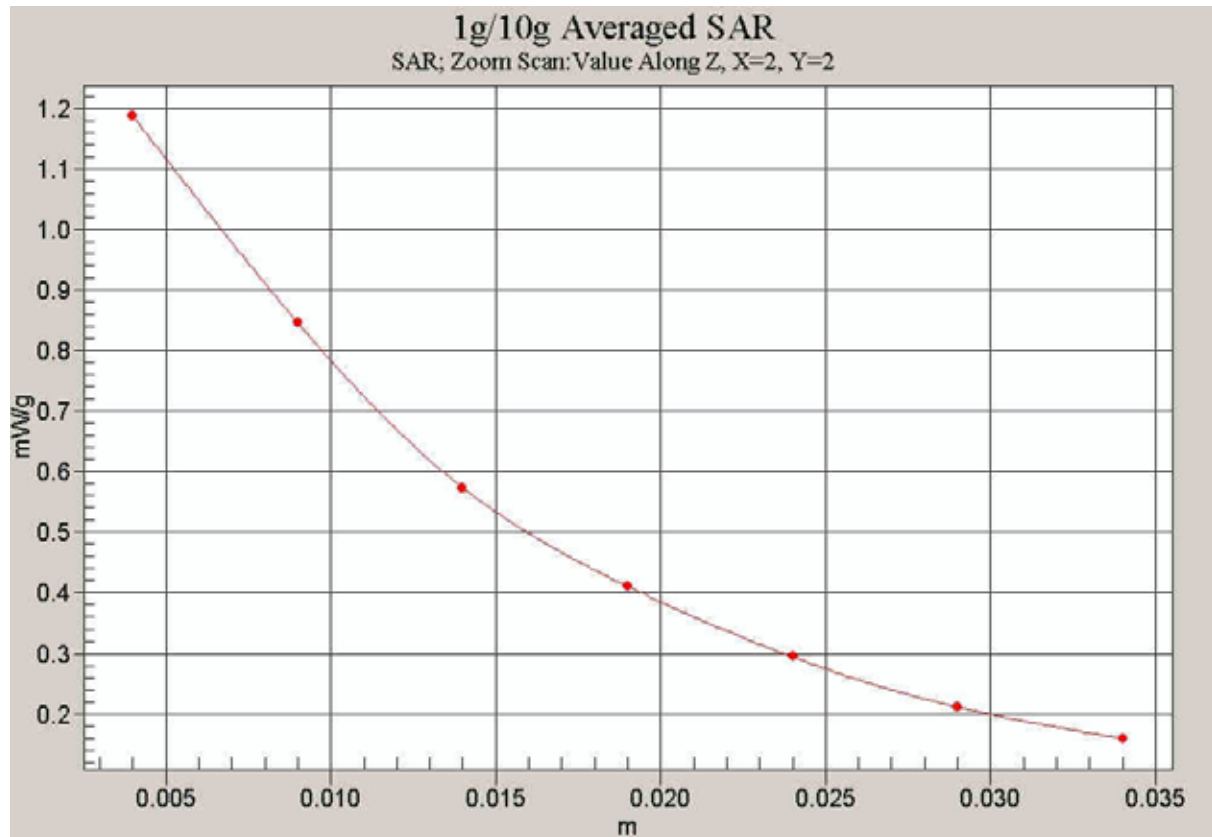


Fig.94 Z-Scan at power reference point (850 MHz GPRS CH128 Test Position 1)

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

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ 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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.123 mW/g

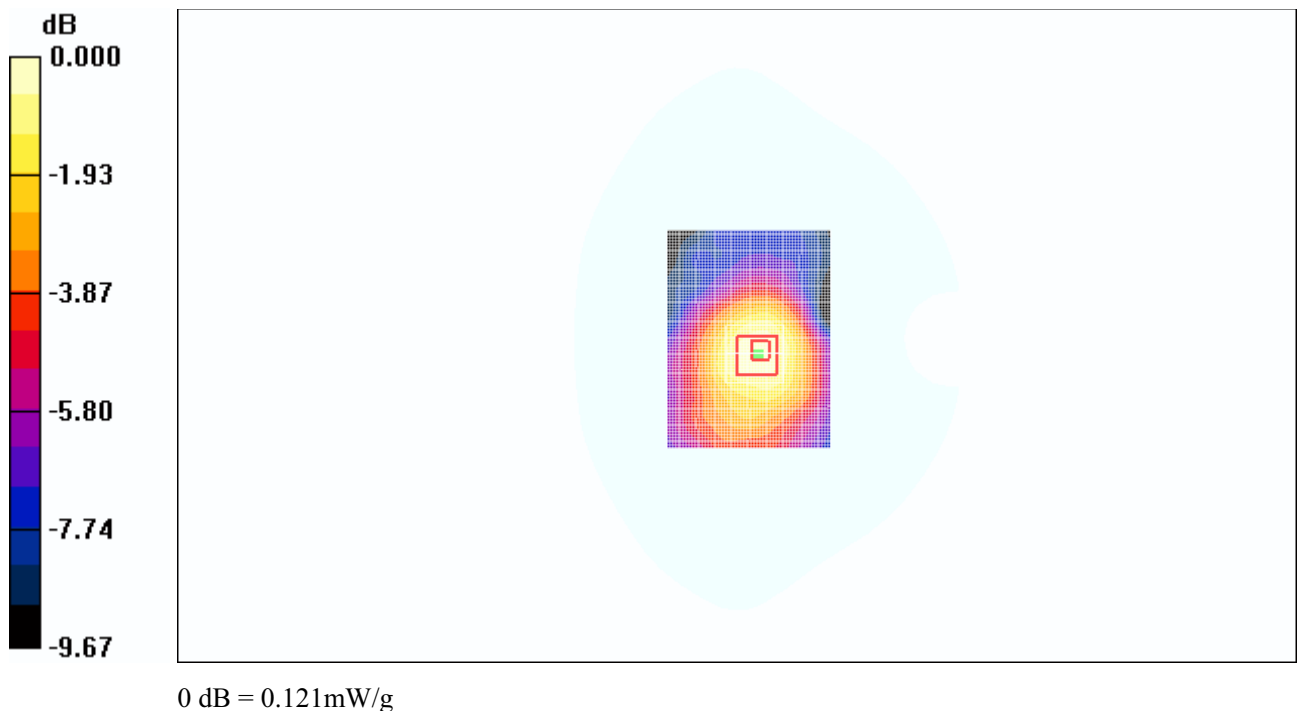
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.121 mW/g

**Fig.95 850MHz CH190 GPRS Test Position 2**

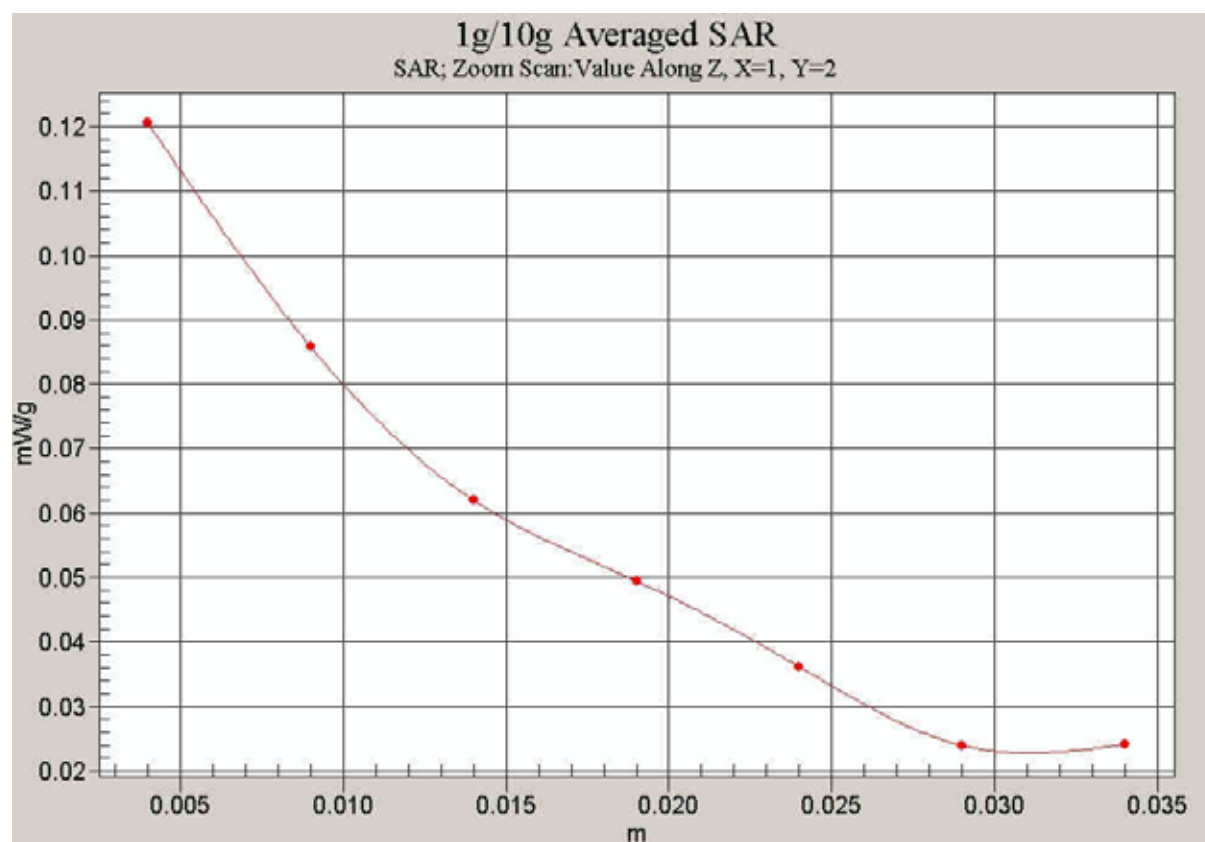


Fig.96 Z-Scan at power reference point (850 MHz GPRS CH190 Test Position 2)

1900MHz GPRS Test Position 2 with DELL Laptop-antenna unfolded (4 timeslots in uplink)

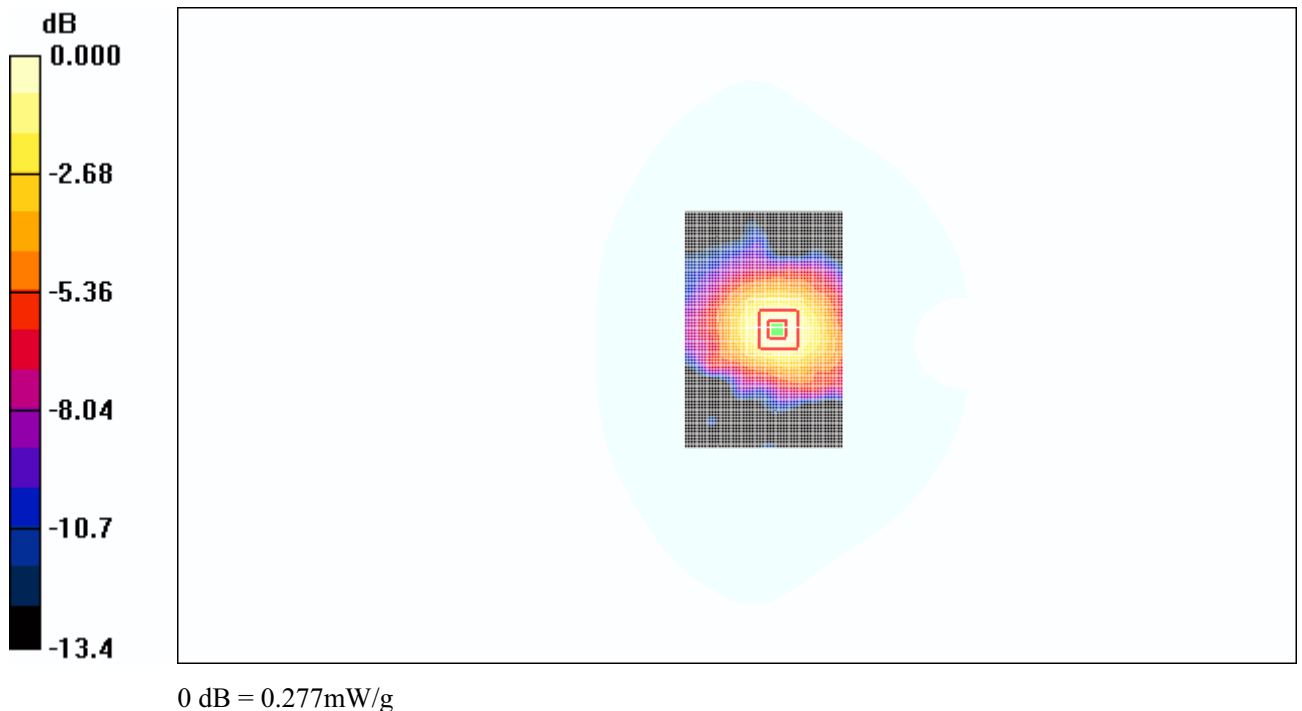
Electronics: DAE3 Sn536

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 2/Area Scan (61x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.285 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 = 13.8 V/m ; Power Drift = -0.200 dB Peak SAR (extrapolated) = 0.408 W/kg **SAR(1 g) = 0.258 mW/g ; SAR(10 g) = 0.159 mW/g** Maximum value of SAR (measured) = 0.277 mW/g **Fig.97 1900MHz GPRS CH661 with DELL Laptop (4 timeslots in uplink)**

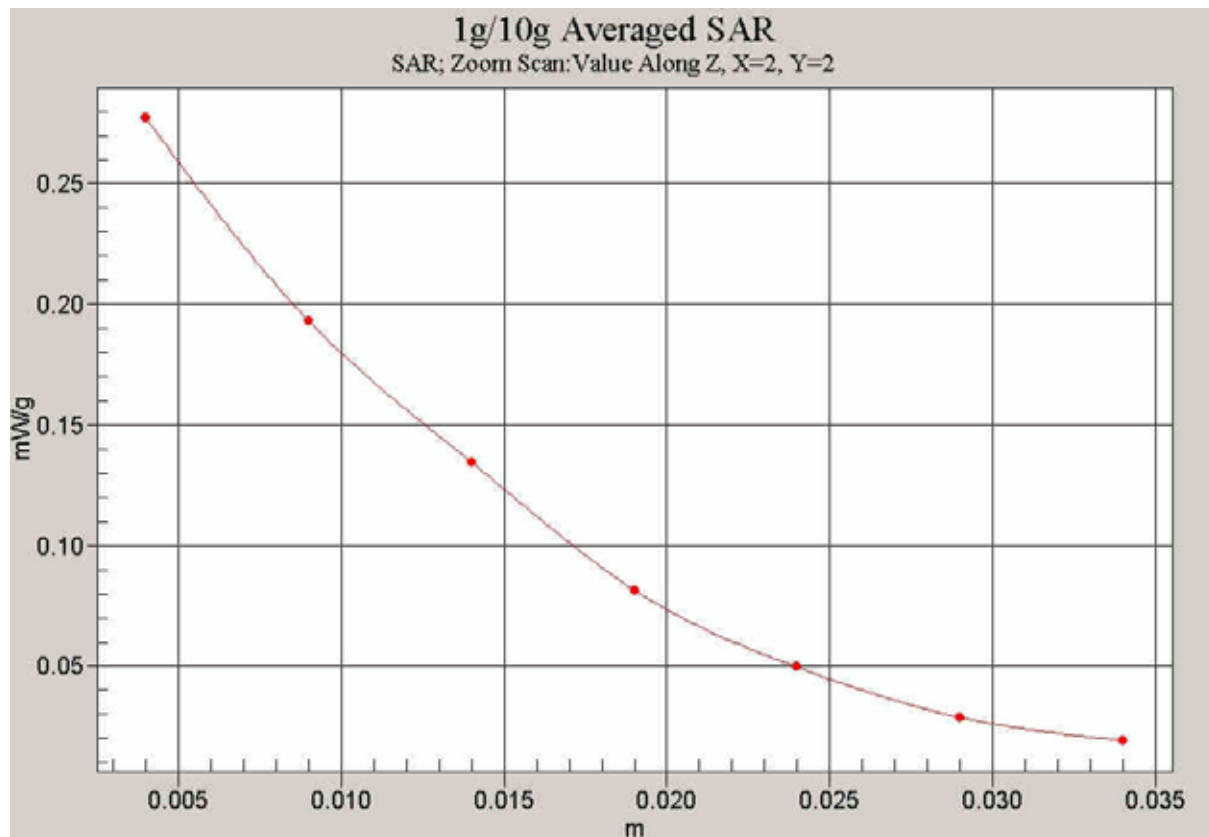


Fig.98 Z-Scan at power reference point (1900MHz GPRS CH661 with DELL Laptop -4 timeslots in uplink)

1900MHz GPRS Test Position 2 with DELL Laptop-antenna unfolded (3 timeslots in uplink)

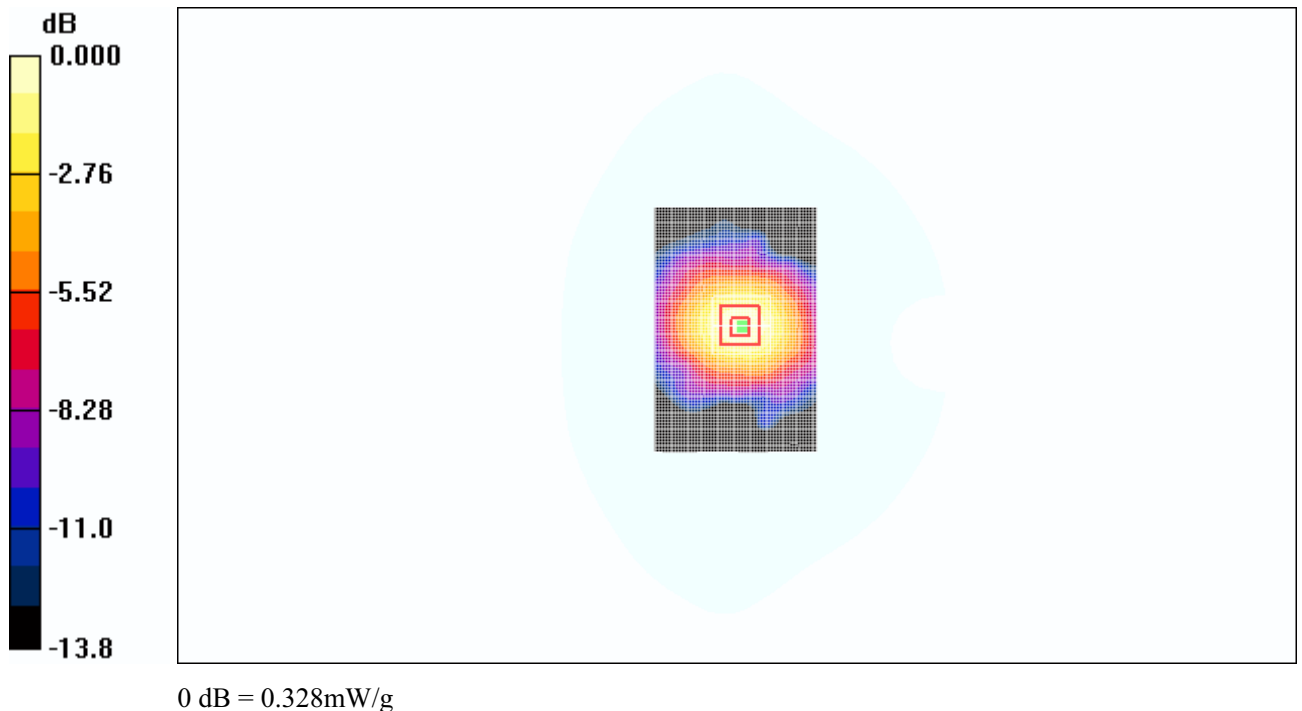
Electronics: DAE3 Sn536

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 2/Area Scan (61x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.328 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 = 13.7 V/m ; Power Drift = -0.025 dB Peak SAR (extrapolated) = 0.500 W/kg **SAR(1 g) = 0.303 mW/g ; SAR(10 g) = 0.193 mW/g** Maximum value of SAR (measured) = 0.328 mW/g **Fig.99 1900MHz GPRS CH661 with DELL Laptop (3 timeslots in uplink)**

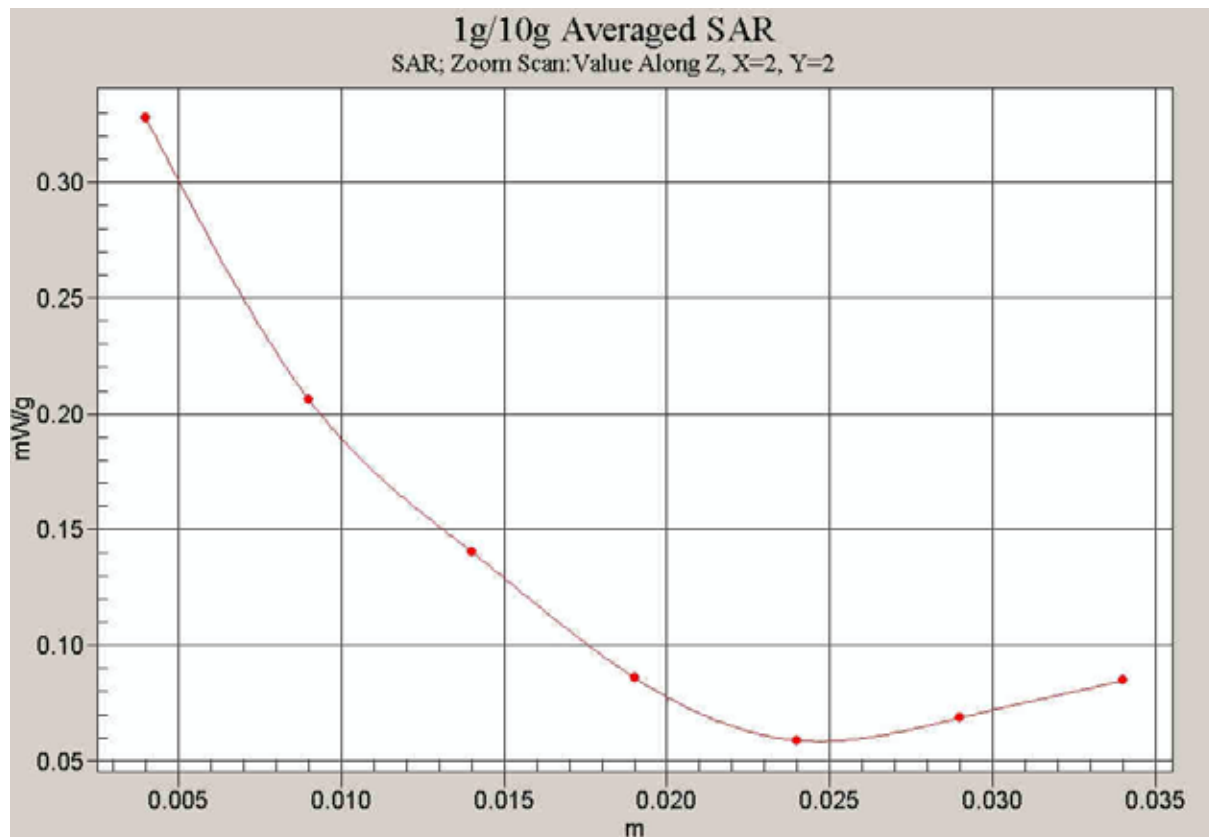


Fig.100 Z-Scan at power reference point (1900MHz GPRS CH661 with DELL Laptop -3 timeslots in uplink)

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

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 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.375 mW/g

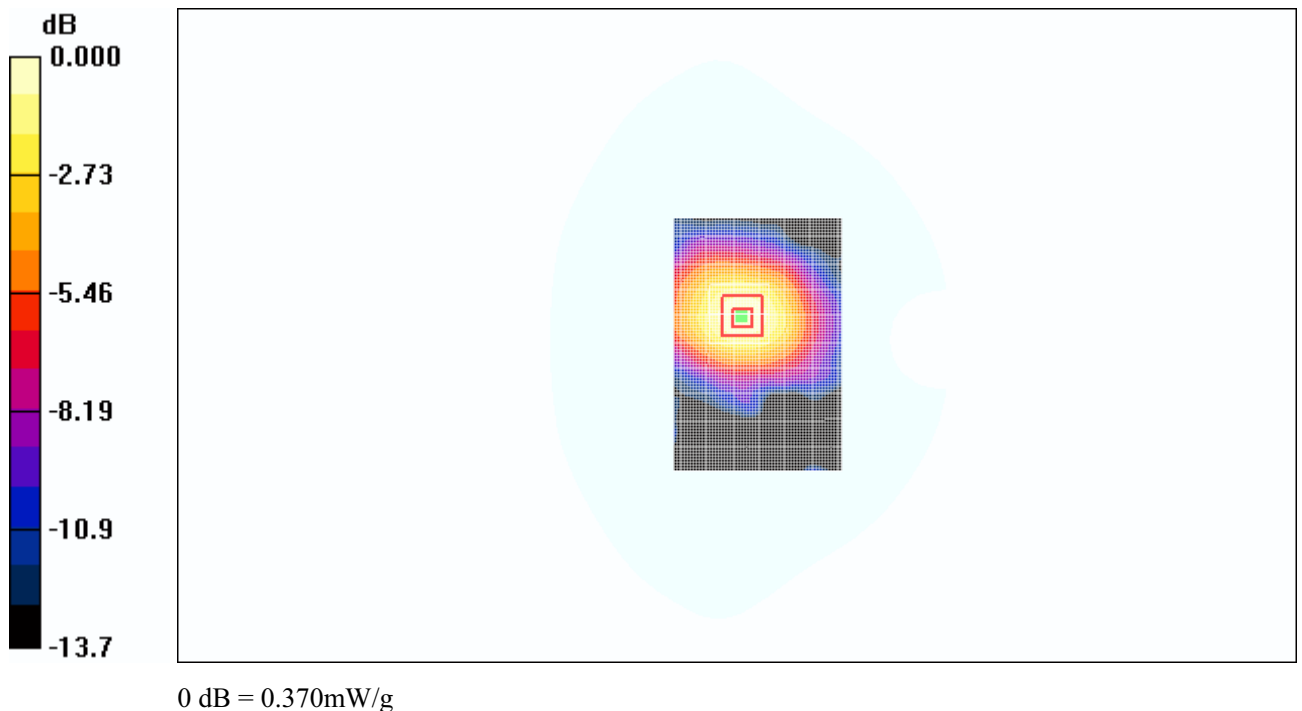
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.370 mW/g

**Fig.101 1900MHz GPRS CH661 with DELL Laptop (2 timeslots in uplink)**

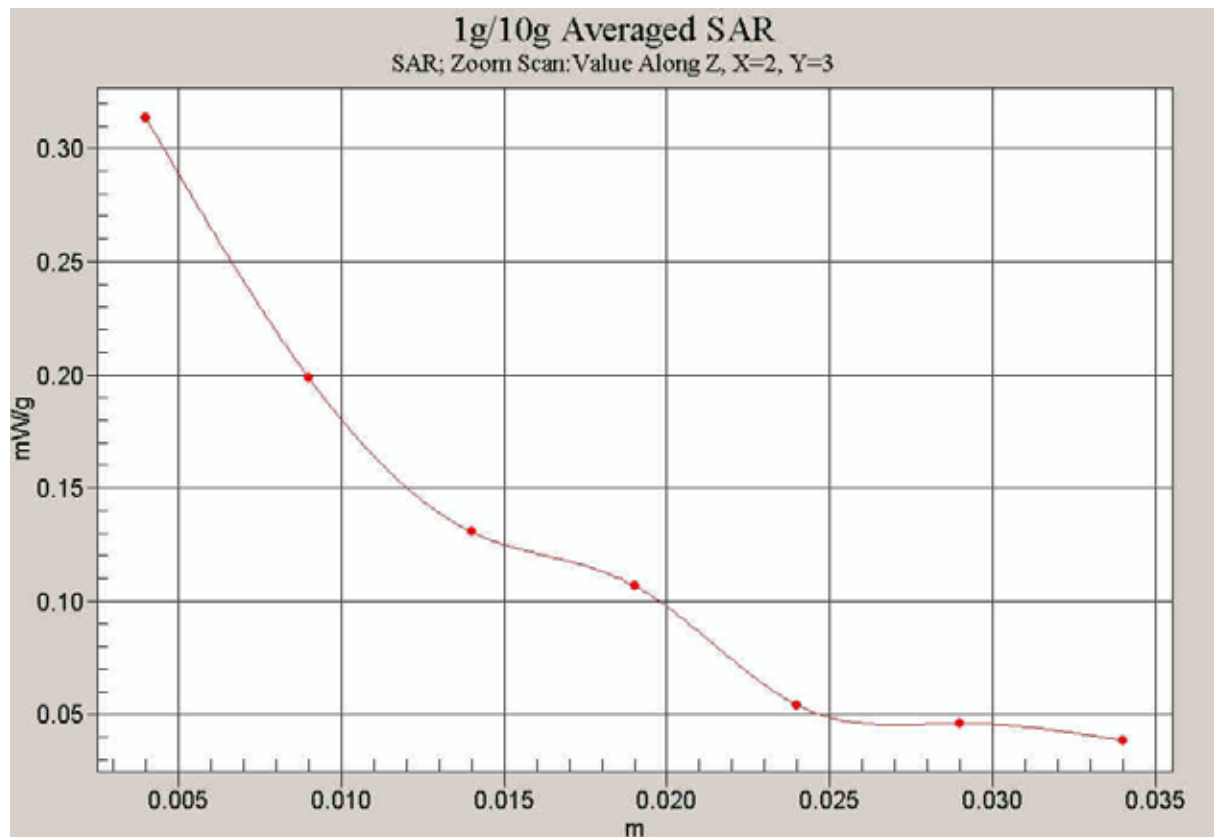


Fig.102 Z-Scan at power reference point
(1900MHz GPRS CH661 with DELL Laptop -2 timeslots in uplink)

1900MHz GPRS Test Position 2 with DELL Laptop-antenna unfolded (1 timeslot in uplink)

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: 1:8

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

Test Position 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.302 mW/g

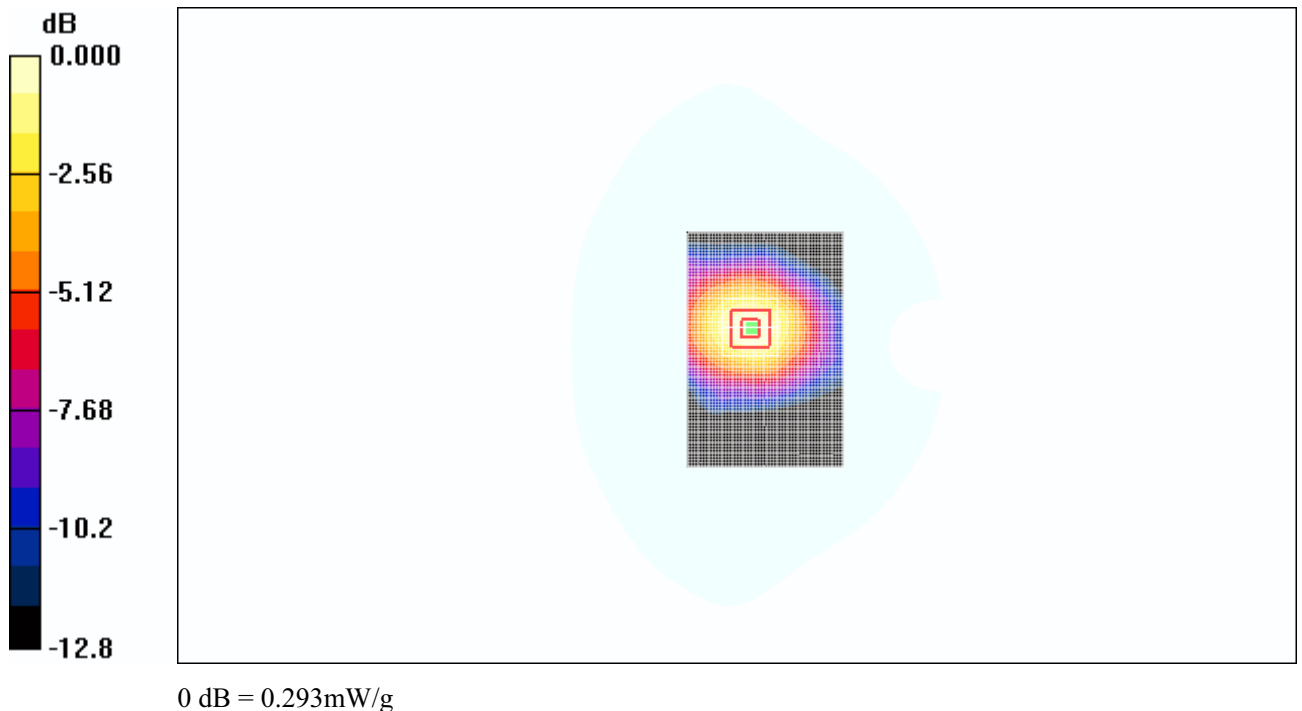
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.293 mW/g

**Fig.103 1900MHz GPRS CH661 with DELL Laptop (1 timeslot in uplink)**

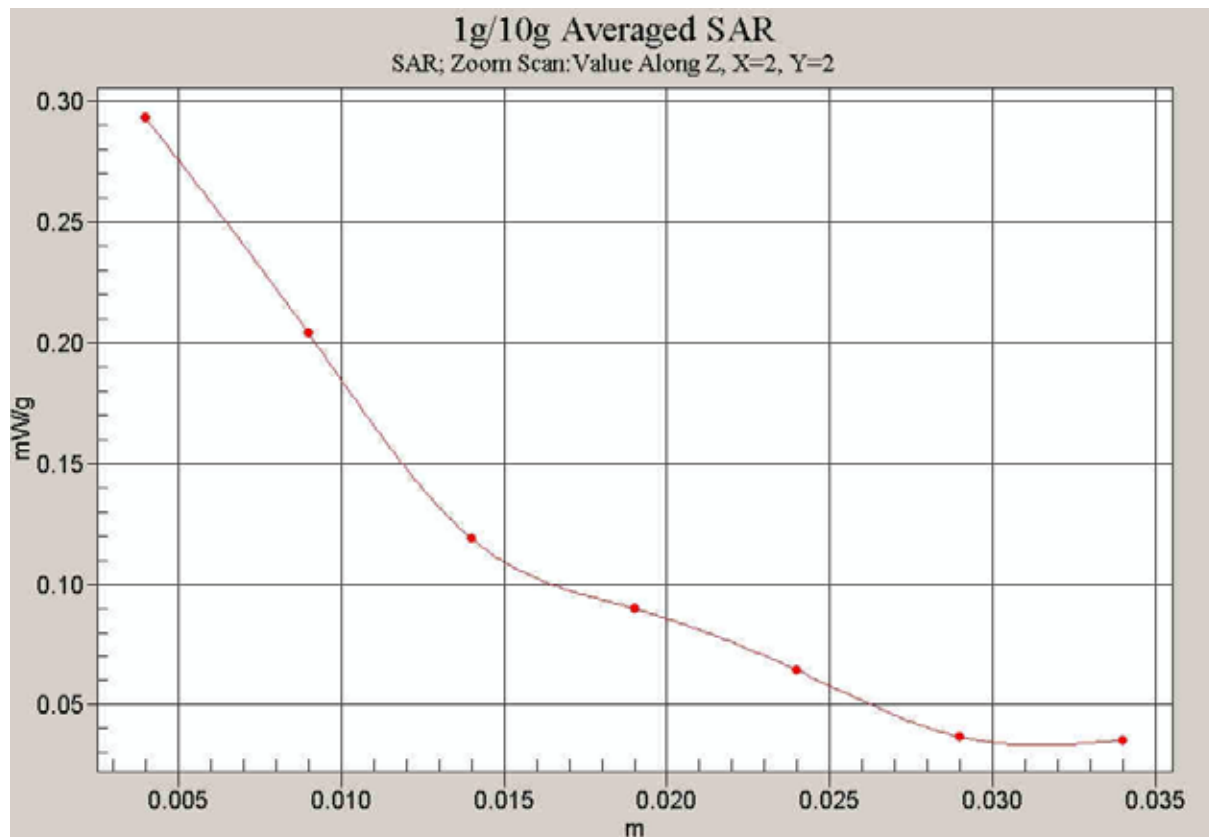


Fig.104 Z-Scan at power reference point
(1900MHz GPRS CH661 with DELL Laptop -1 timeslot in uplink)

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

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 1/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.100 mW/g

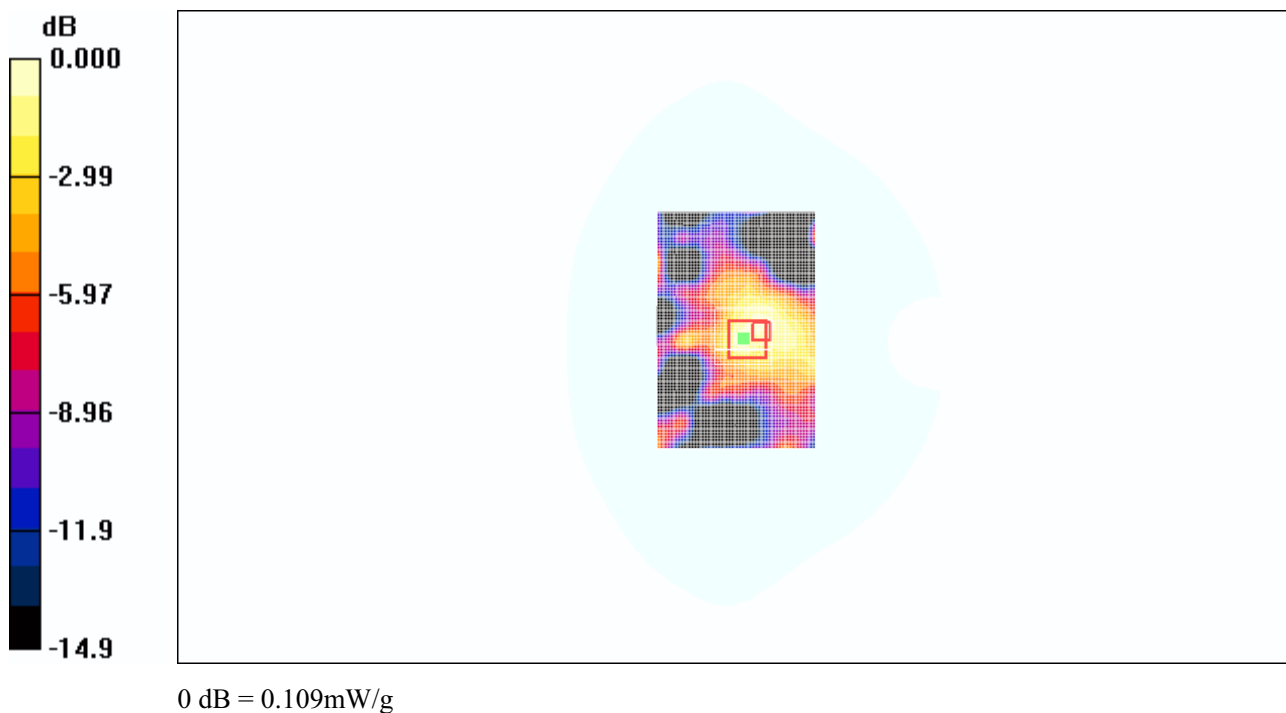
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.10 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.109 mW/g

**Fig.105 1900MHz GPRS CH661 Test Position 1**

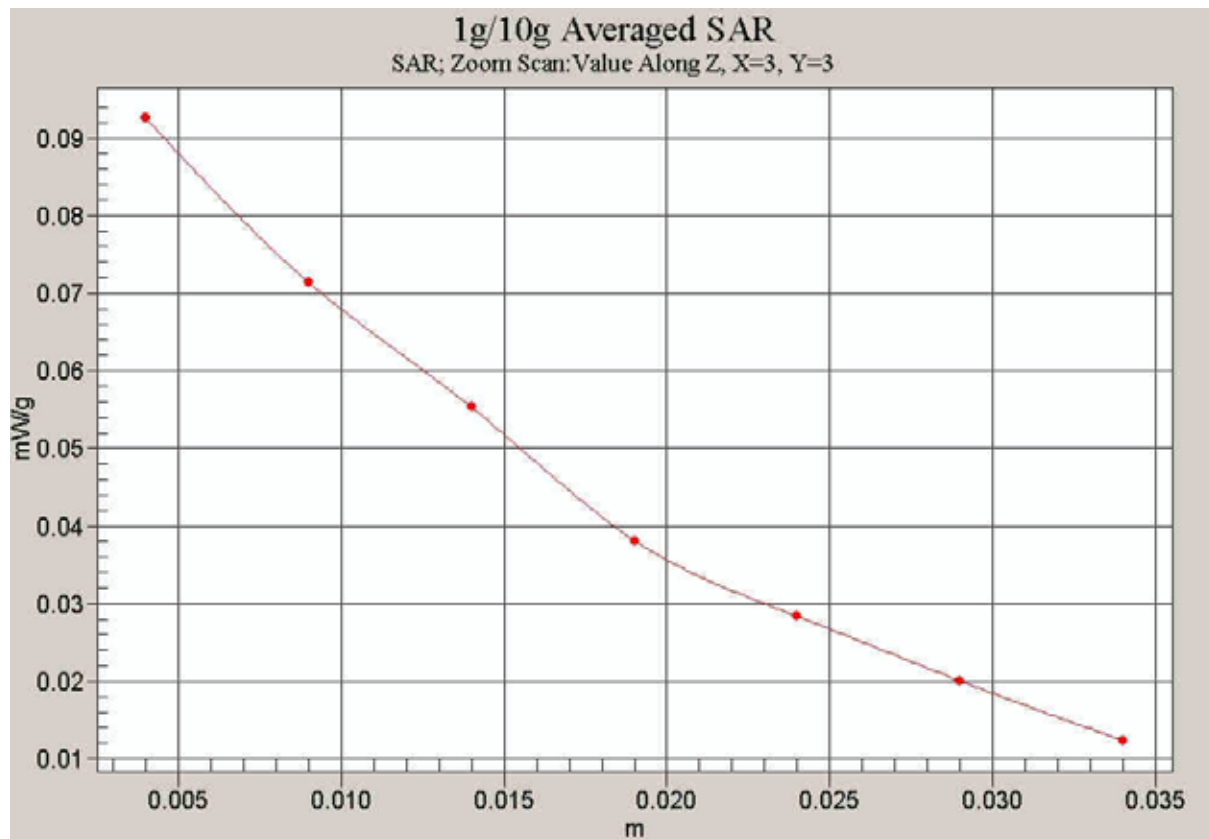


Fig.106 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with DELL Laptop-antenna folded

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 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.076 mW/g

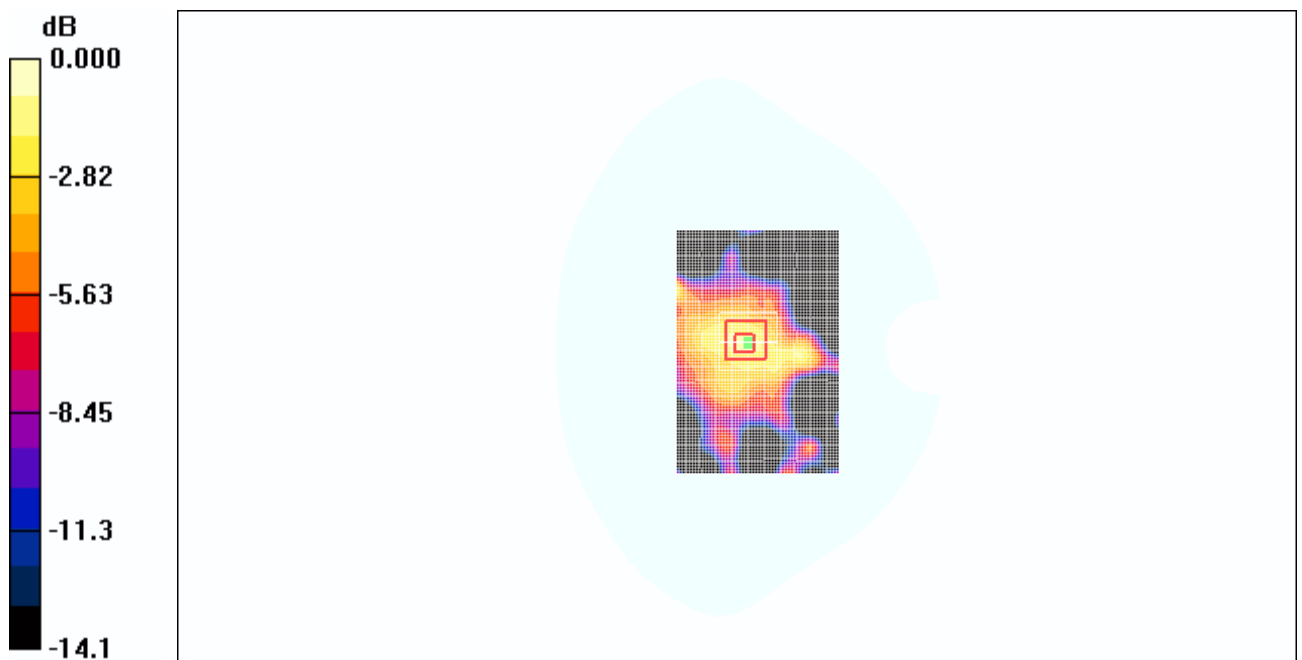
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.07 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



0 dB = 0.109mW/g

Fig.107 1900MHz GPRS CH661 Test Position 2

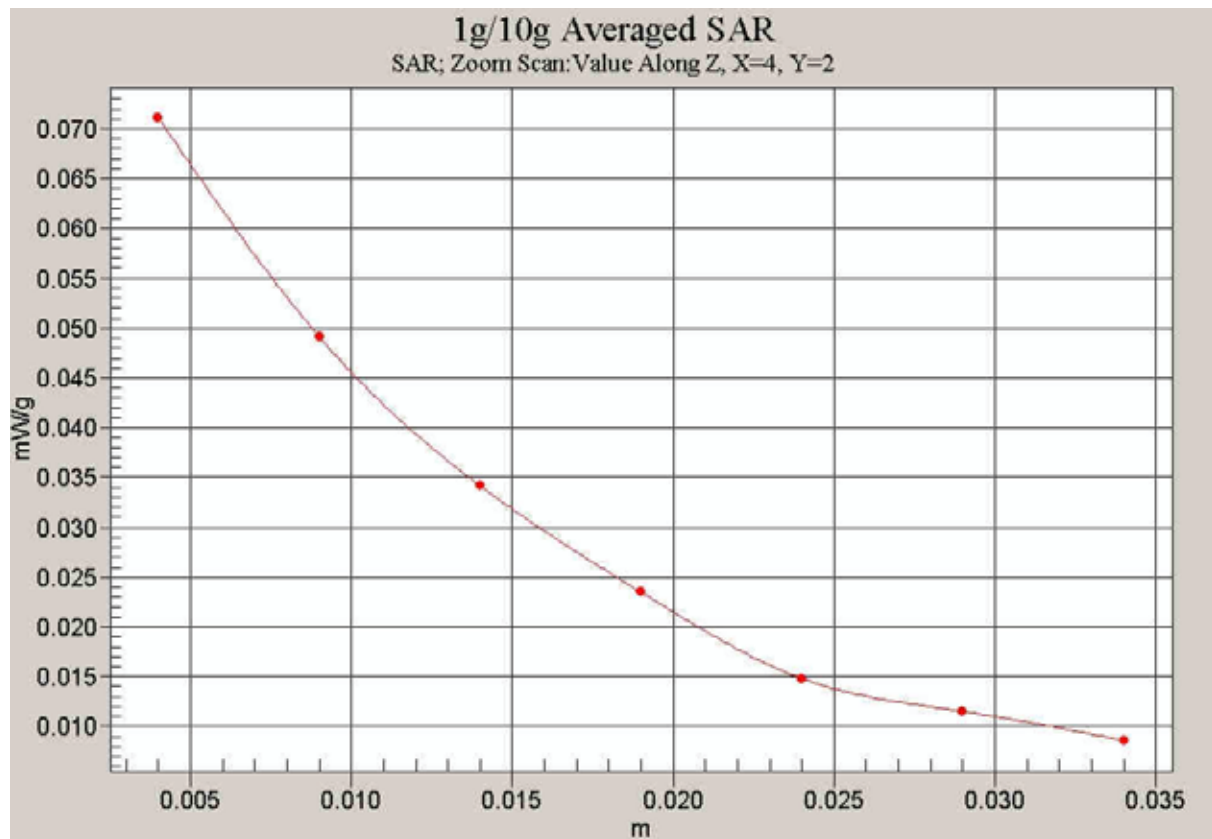


Fig.108 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)

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

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 1/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

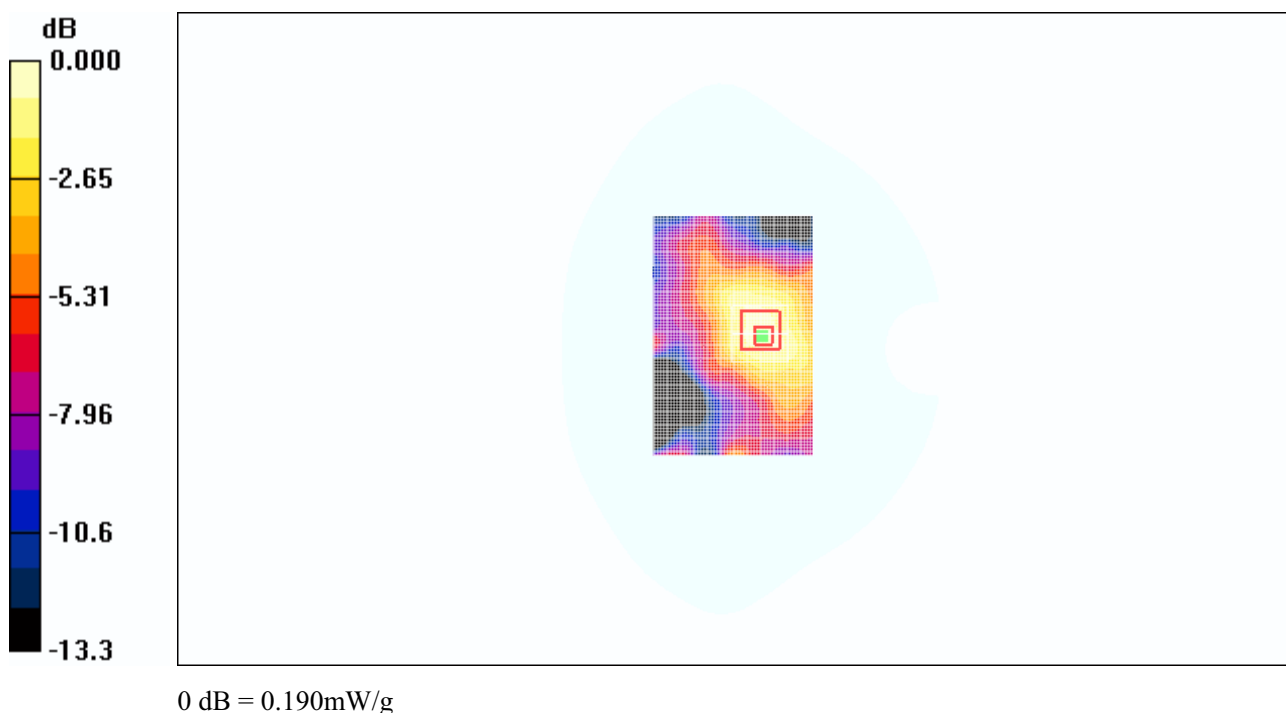
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.169 dB

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.190 mW/g

**Fig.109 1900MHz GPRS CH661 Test Position 1**

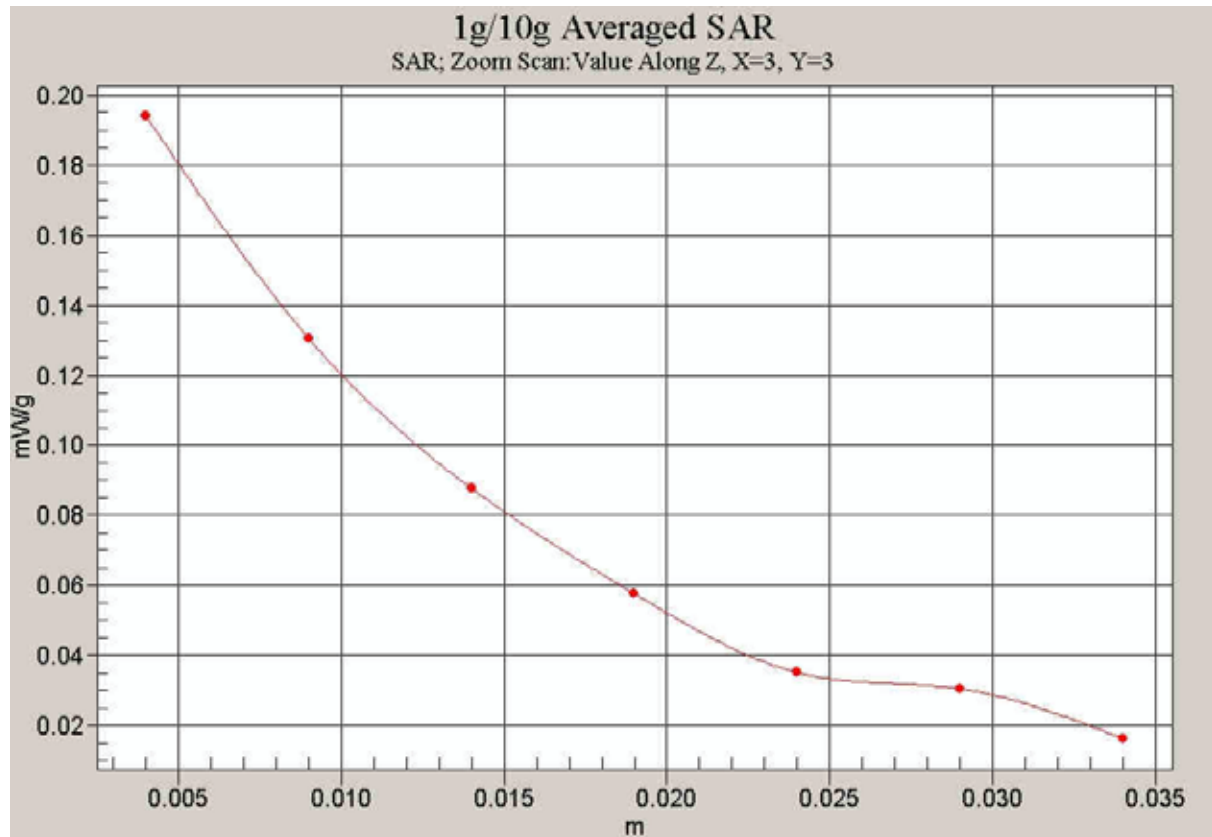


Fig.110 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with DELL Laptop-antenna unfolded

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 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.375 mW/g

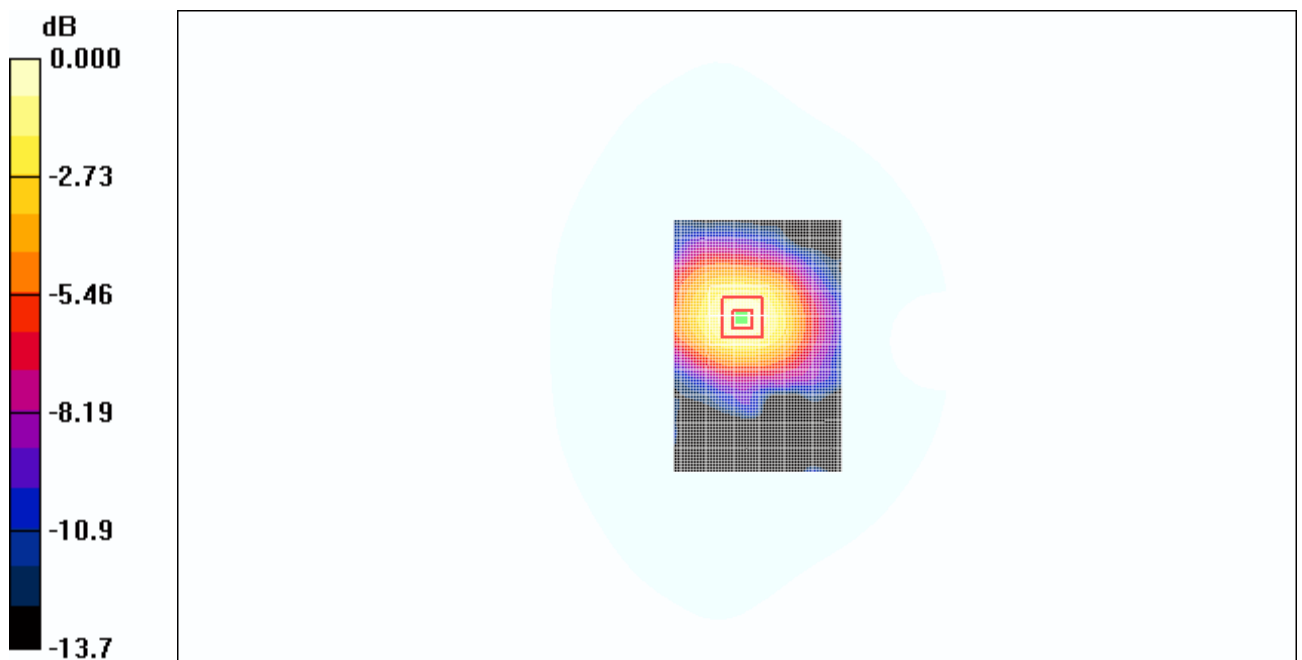
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

Fig.111 1900MHz GPRS CH661 Test Position 2

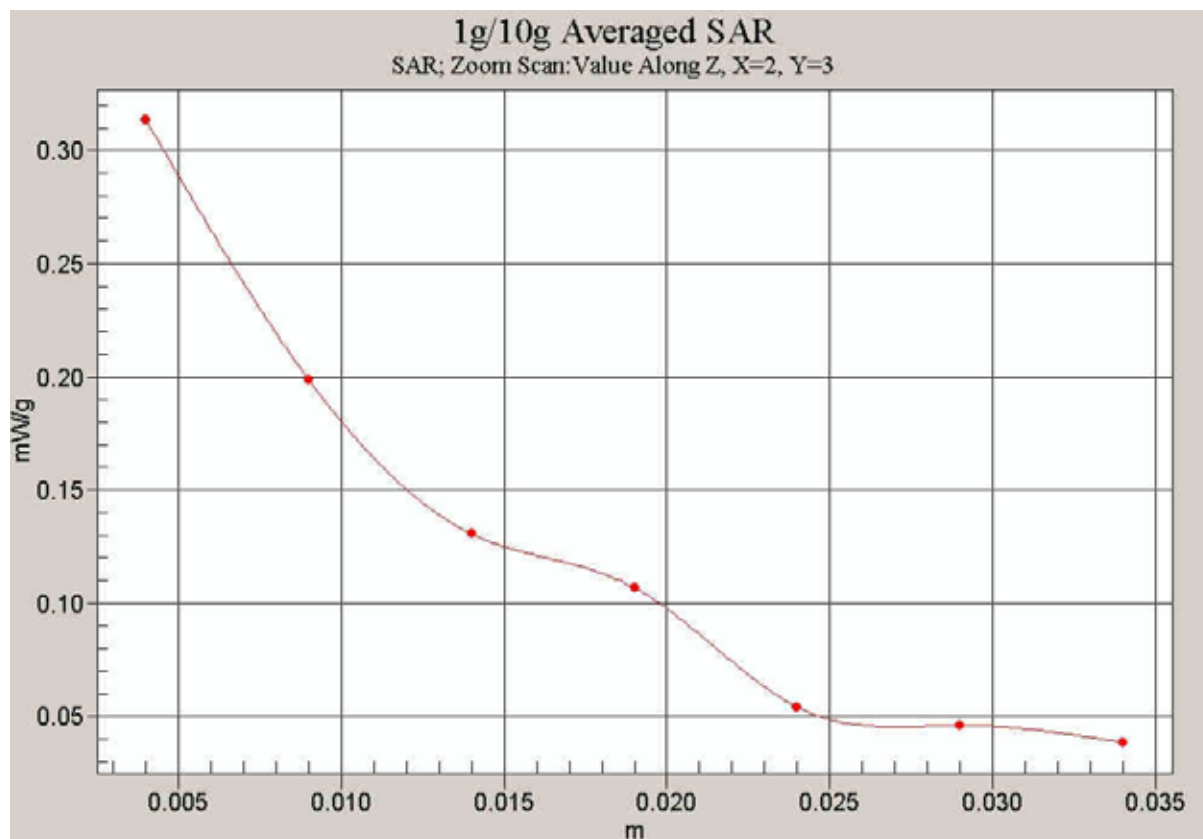


Fig.112 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)

1900 GPRS Test Position 1 with HP Laptop-antenna folded

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 1/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

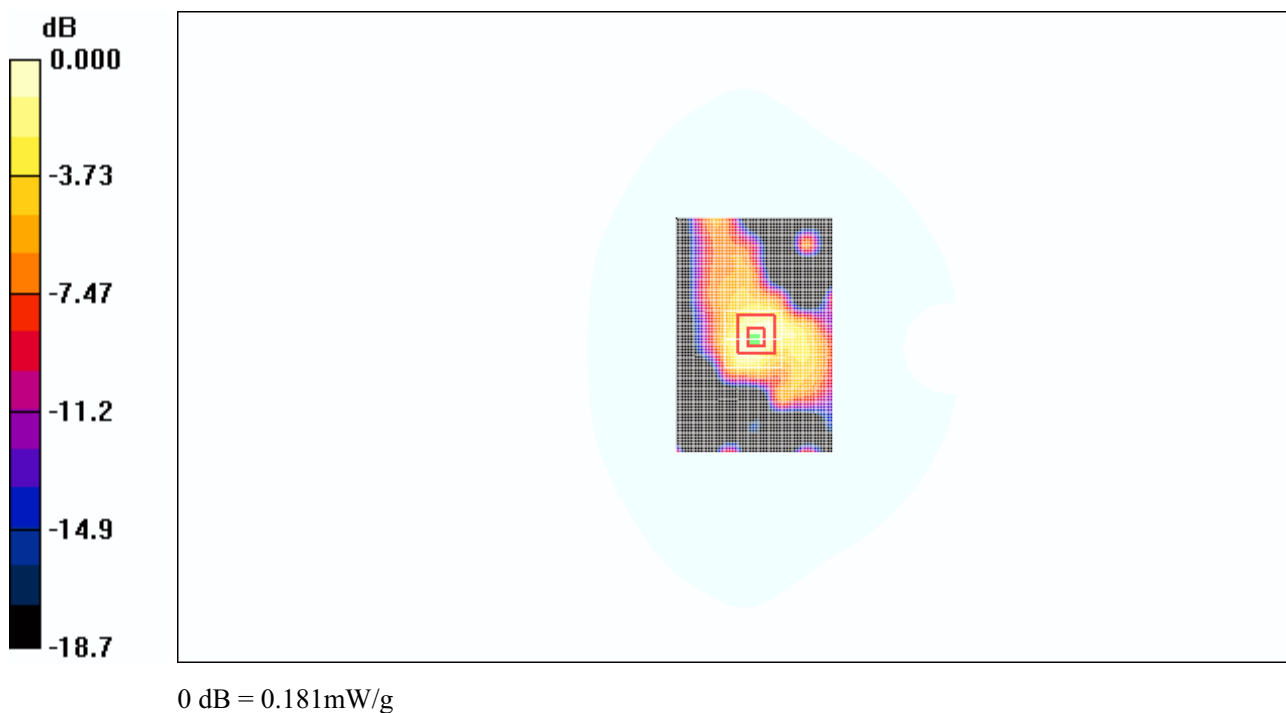
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.57 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.181 mW/g

**Fig.113 1900MHz GPRS CH661Test Position 1**

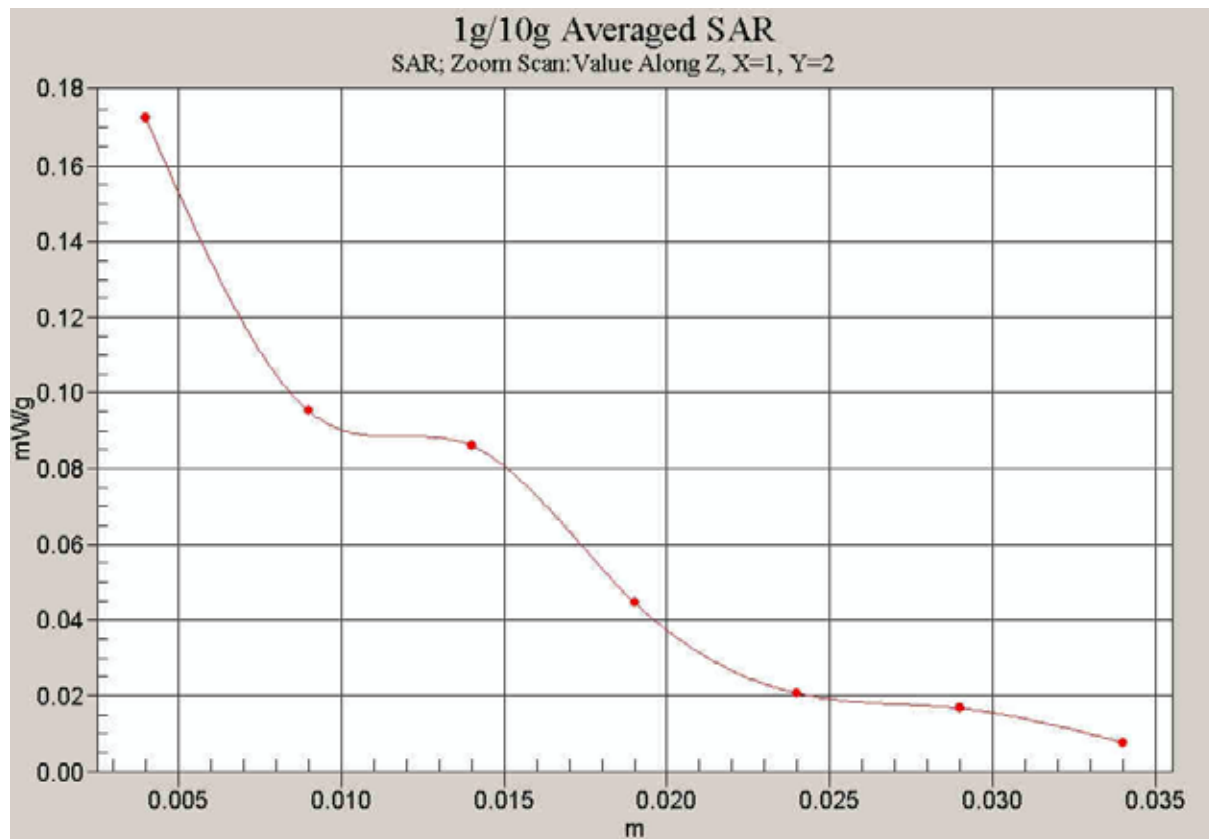


Fig.114 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with HP Laptop-antenna folded

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 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.120 mW/g

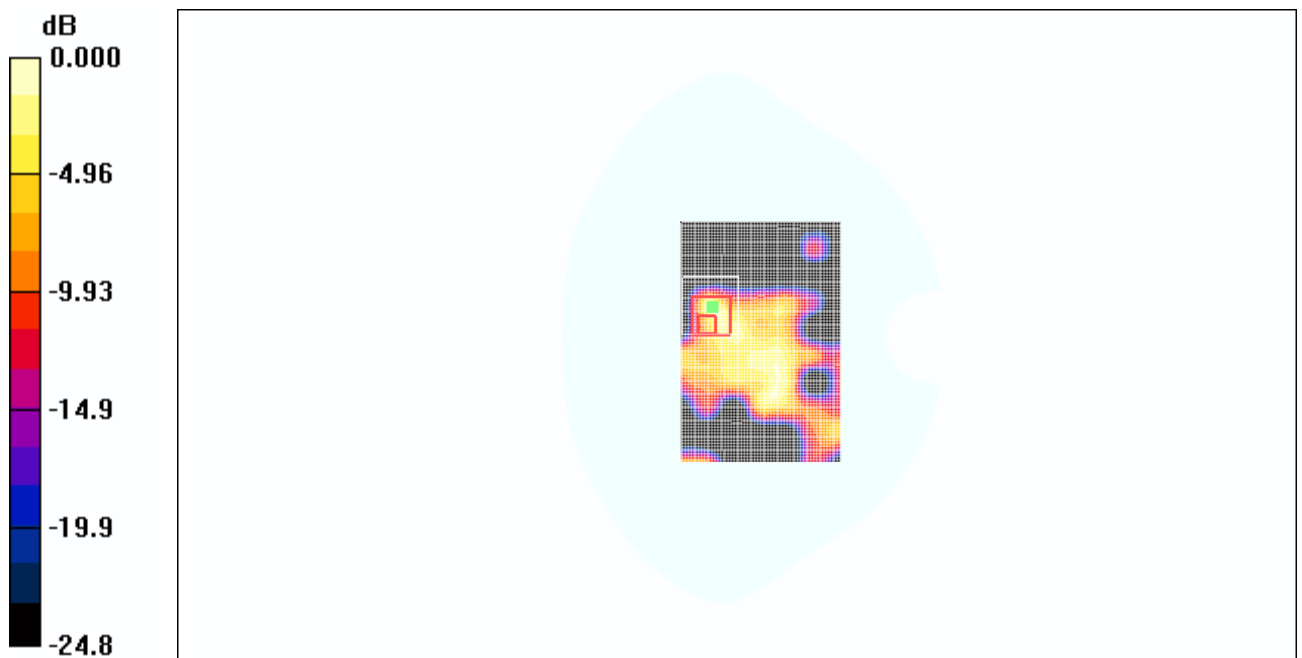
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.125 mW/g



0 dB = 0.125mW/g

Fig.115 1900MHz GPRS CH661 Test Position 2

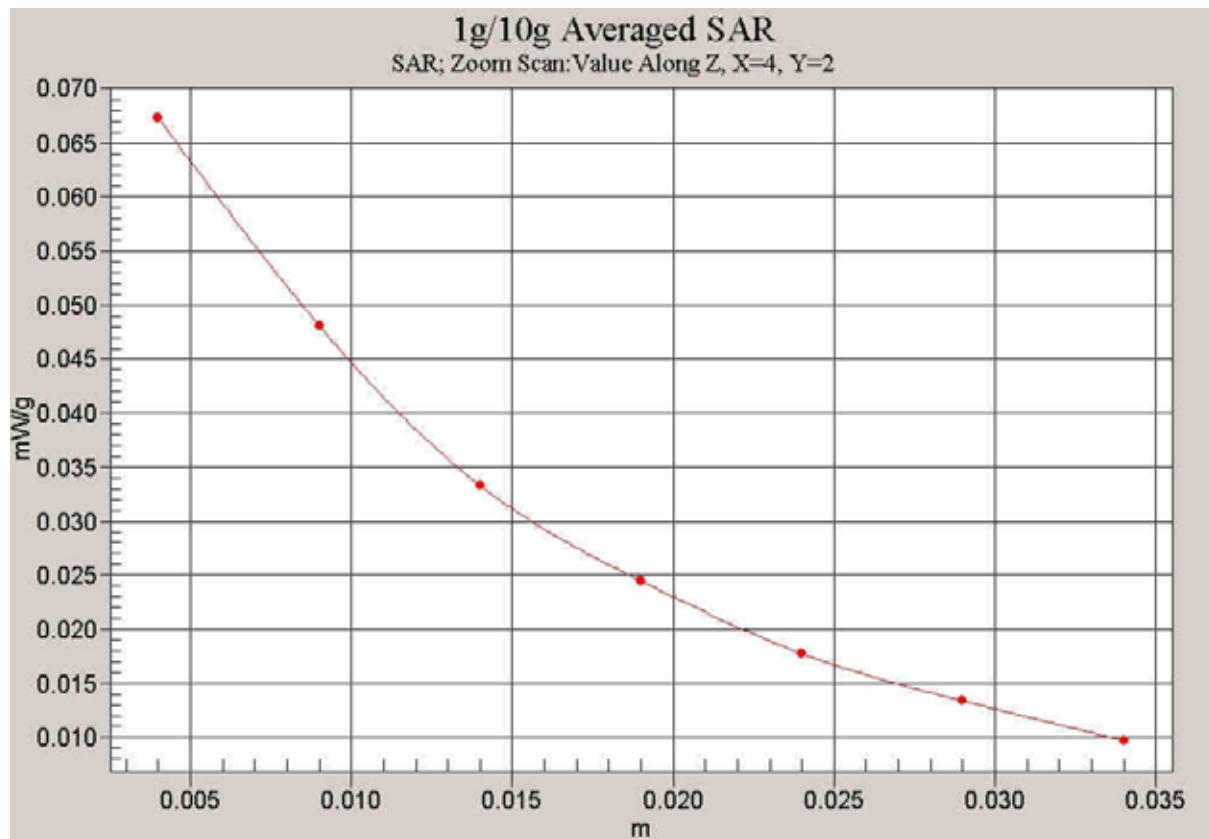


Fig.116 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)

1900MHz GPRS Test Position 1 with HP Laptop-antenna unfolded

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 1/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

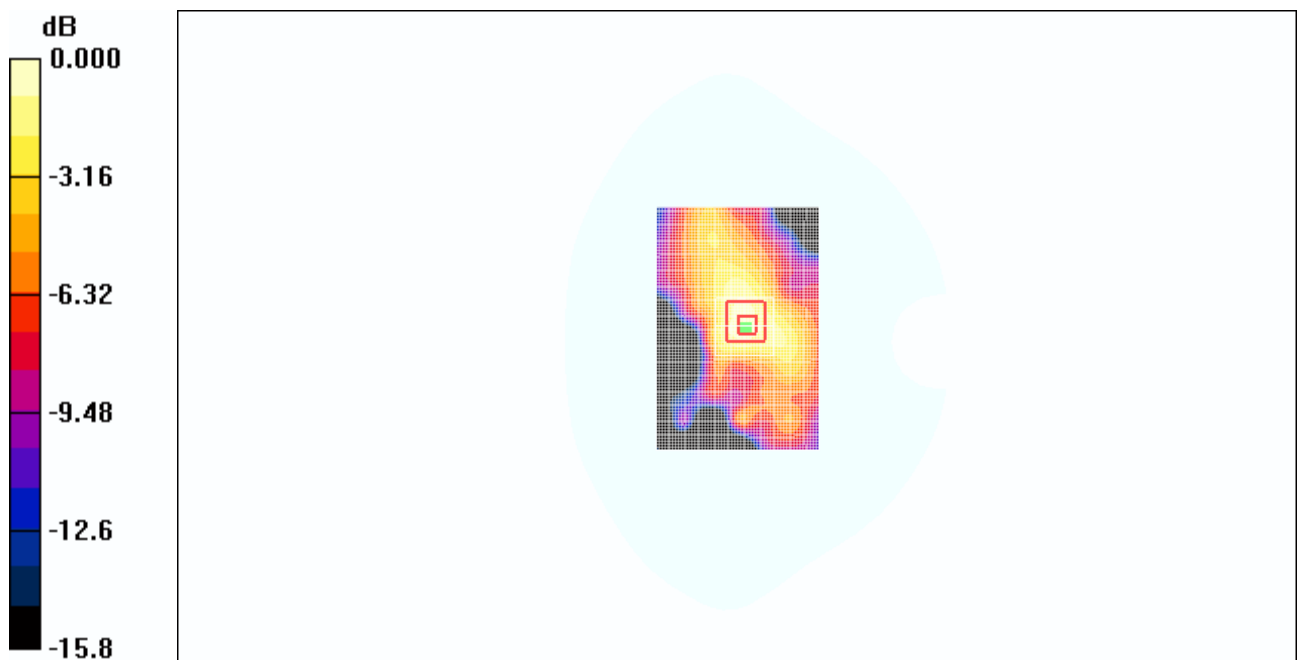
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.280mW/g

Fig.117 1900MHz GPRS CH661Test Position 1

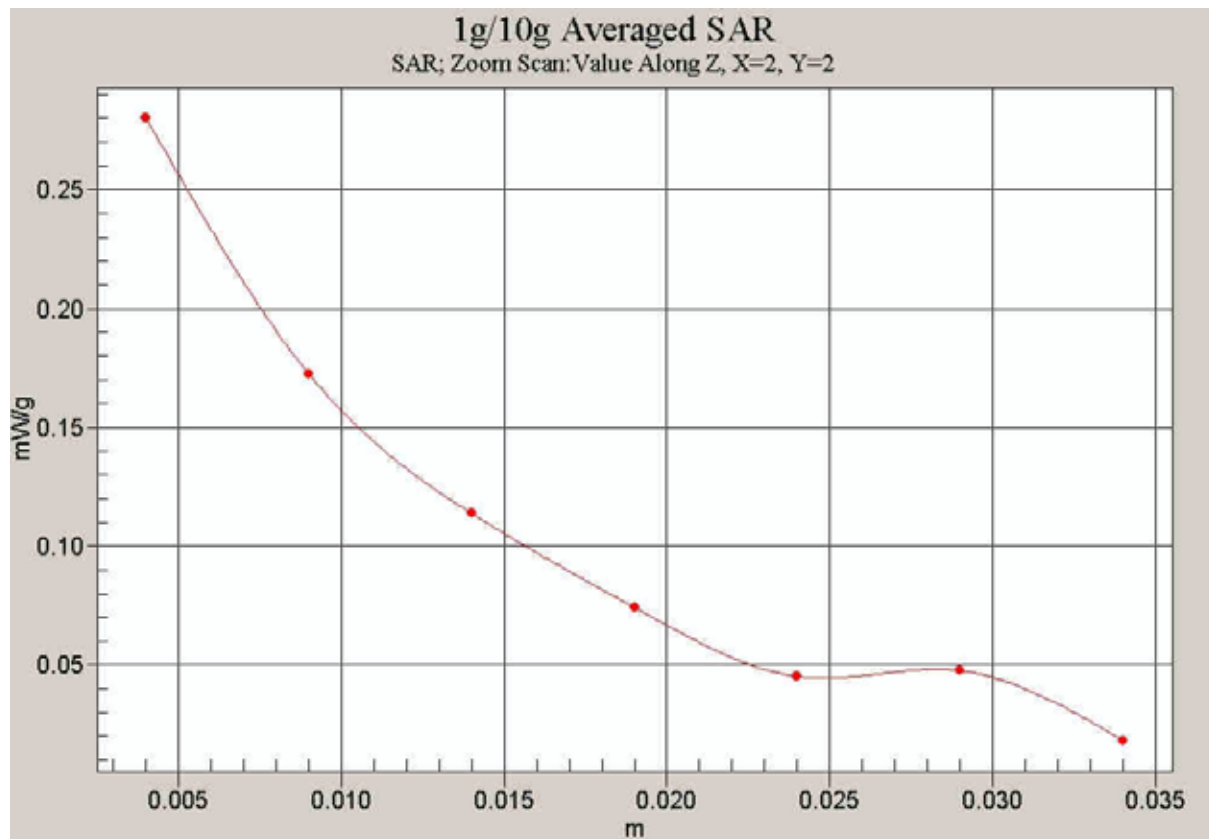


Fig.118 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with HP Laptop-antenna unfolded

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 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

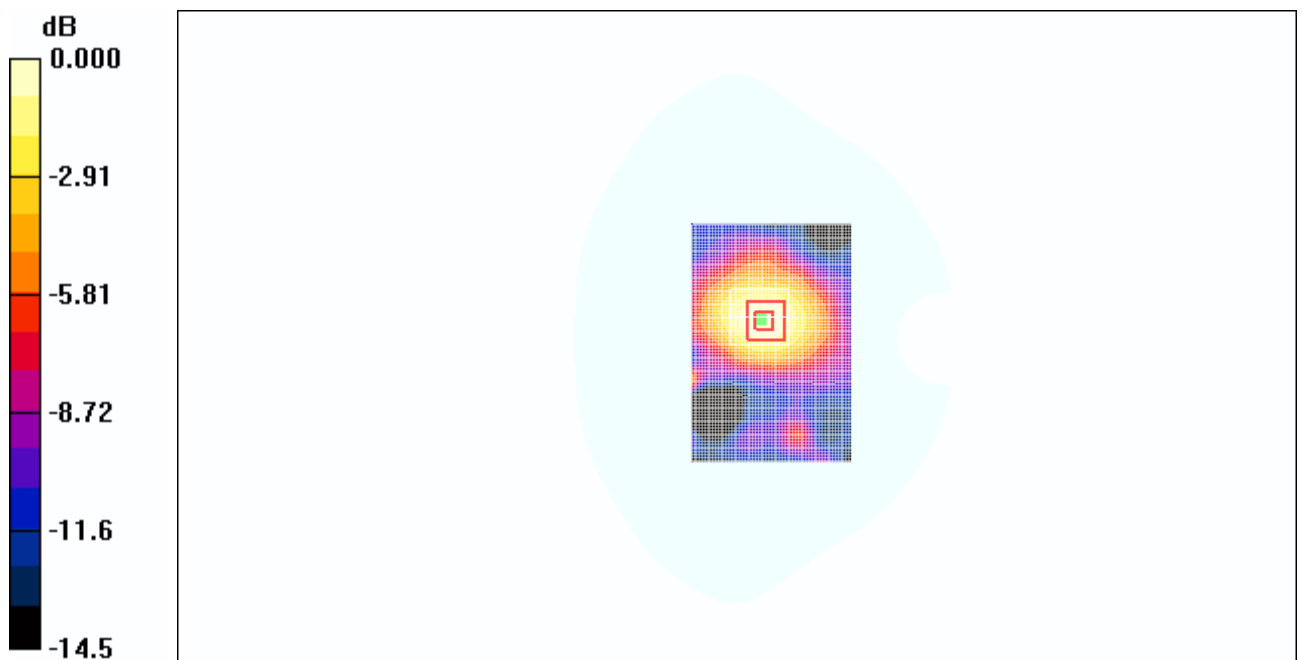
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.309mW/g

Fig.119 1900MHz GPRS CH661 Test Position 2

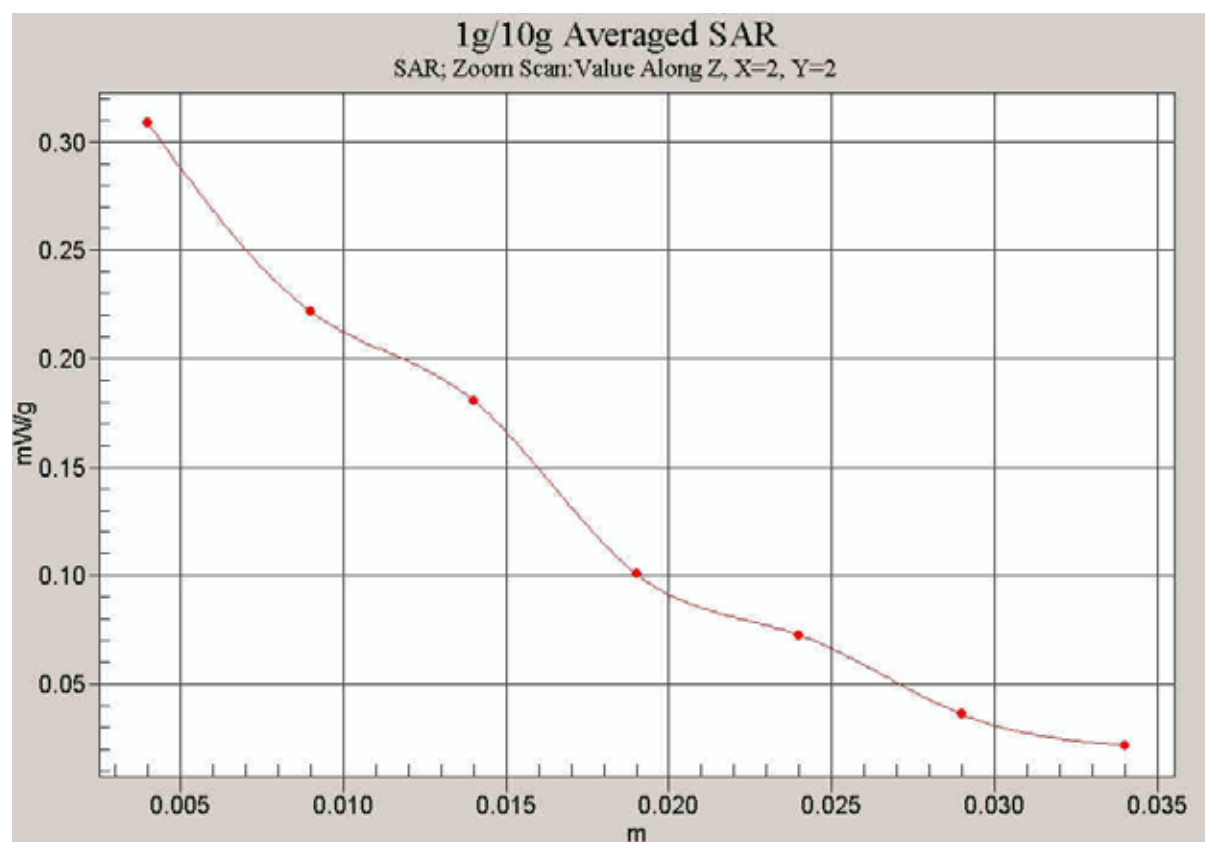


Fig.120 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)

1900MHz GPRS Test Position 1 with IBM Laptop-antenna folded

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 1/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.130 mW/g

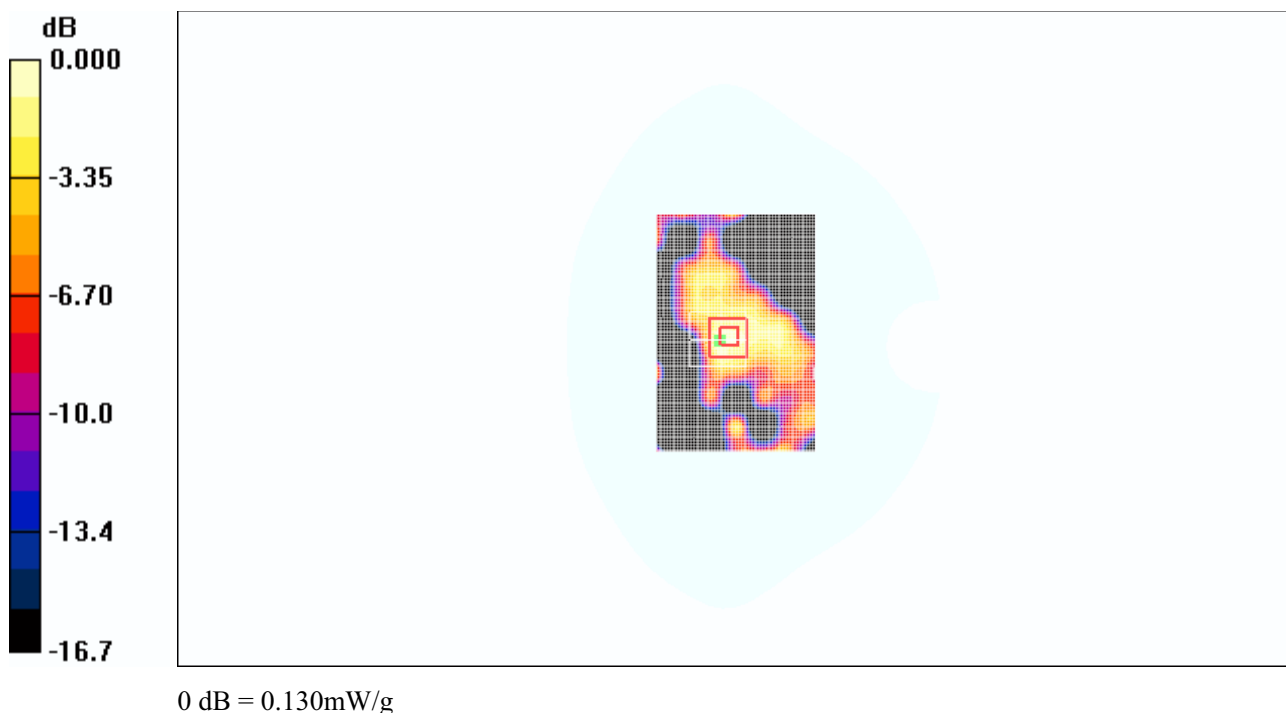
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.130 mW/g

**Fig.121 1900MHz GPRS CH661Test Position 1**

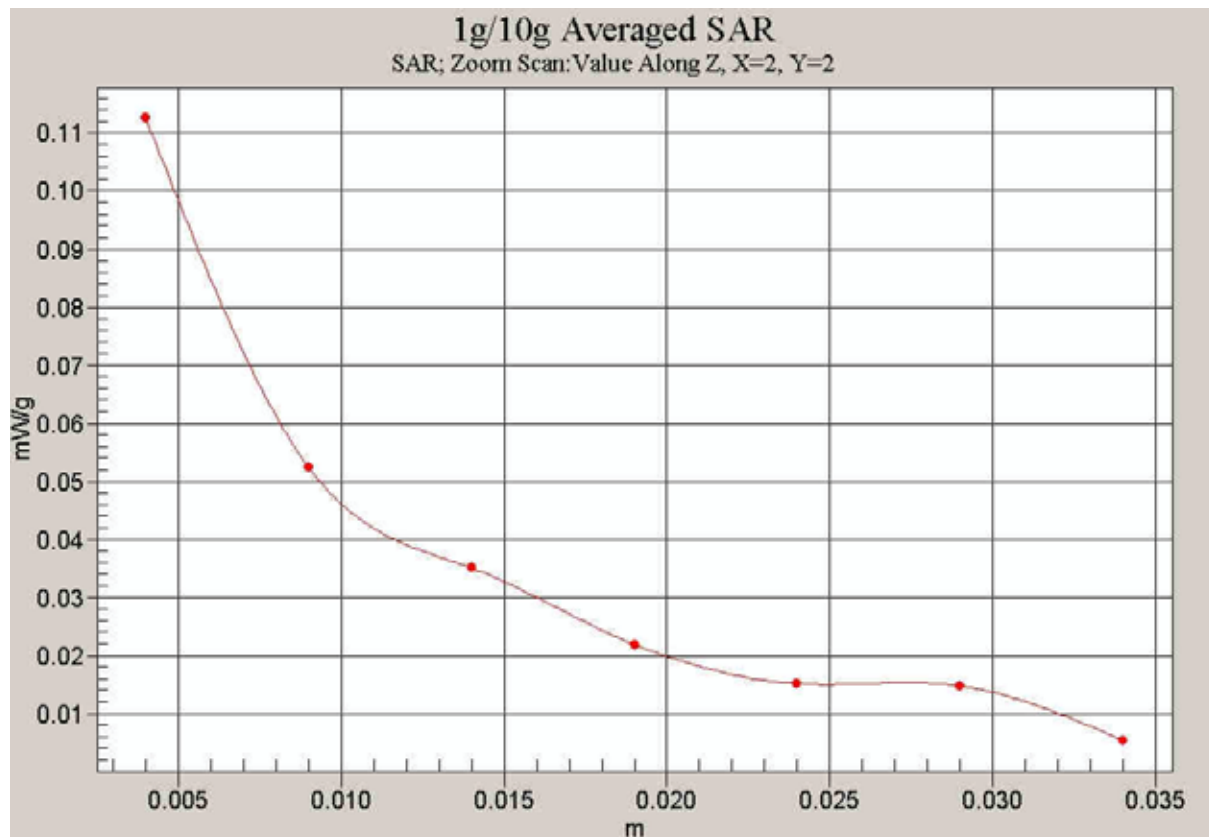


Fig.122 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with IBM Laptop-antenna folded

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 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.066 mW/g

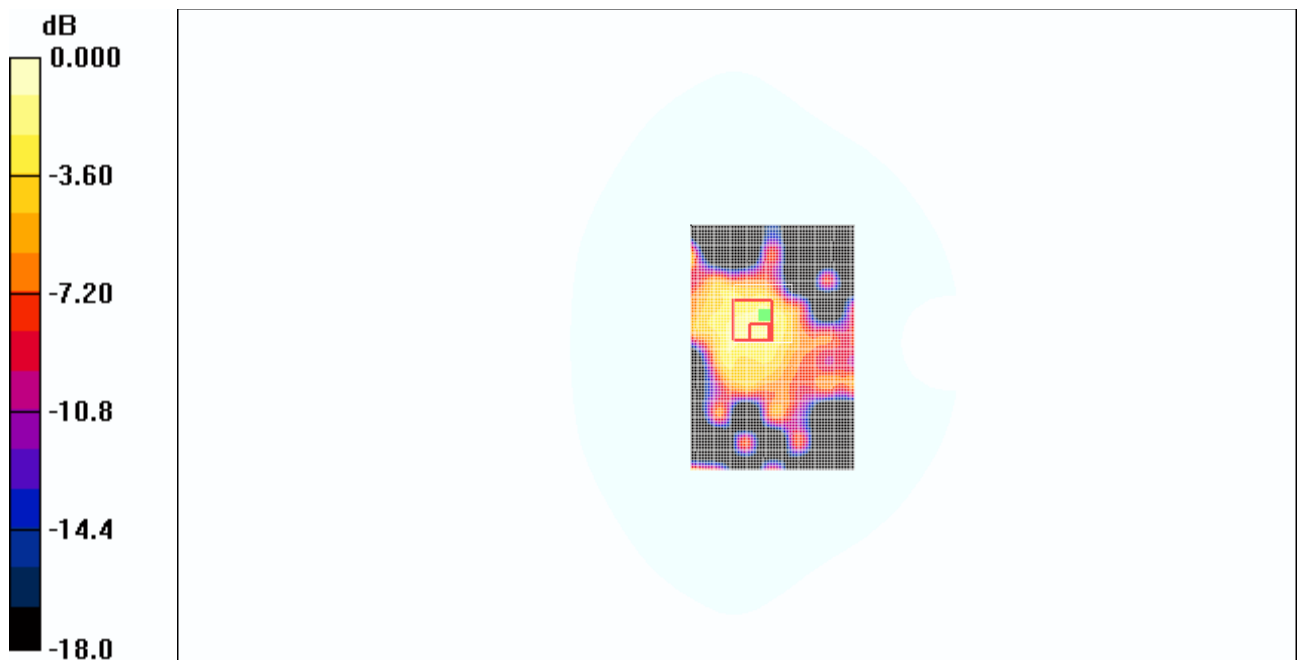
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.90 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.038 mW/g

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



0 dB = 0.097mW/g

Fig.123 1900MHz GPRS CH661 Test Position 2

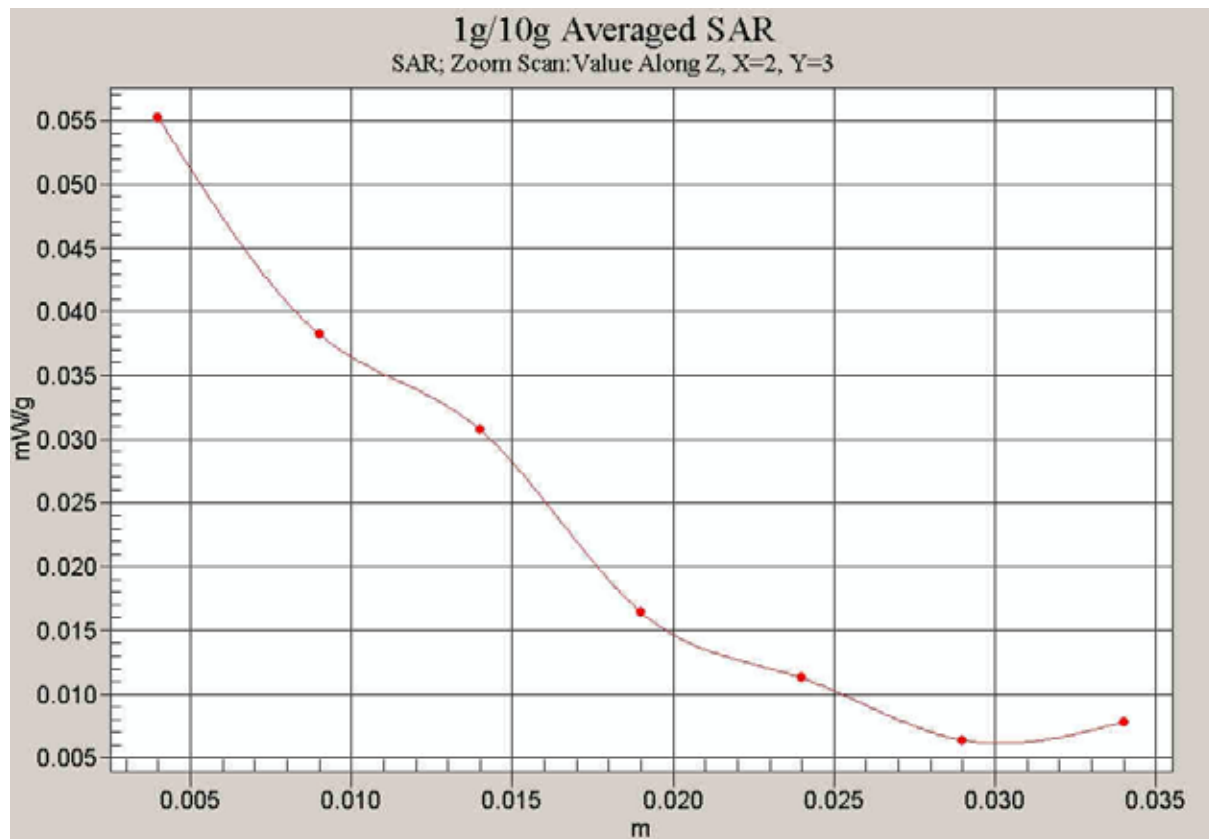


Fig.124 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)

1900MHz GPRS Test Position 1 with IBM Laptop-antenna unfolded

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 1/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.150 mW/g

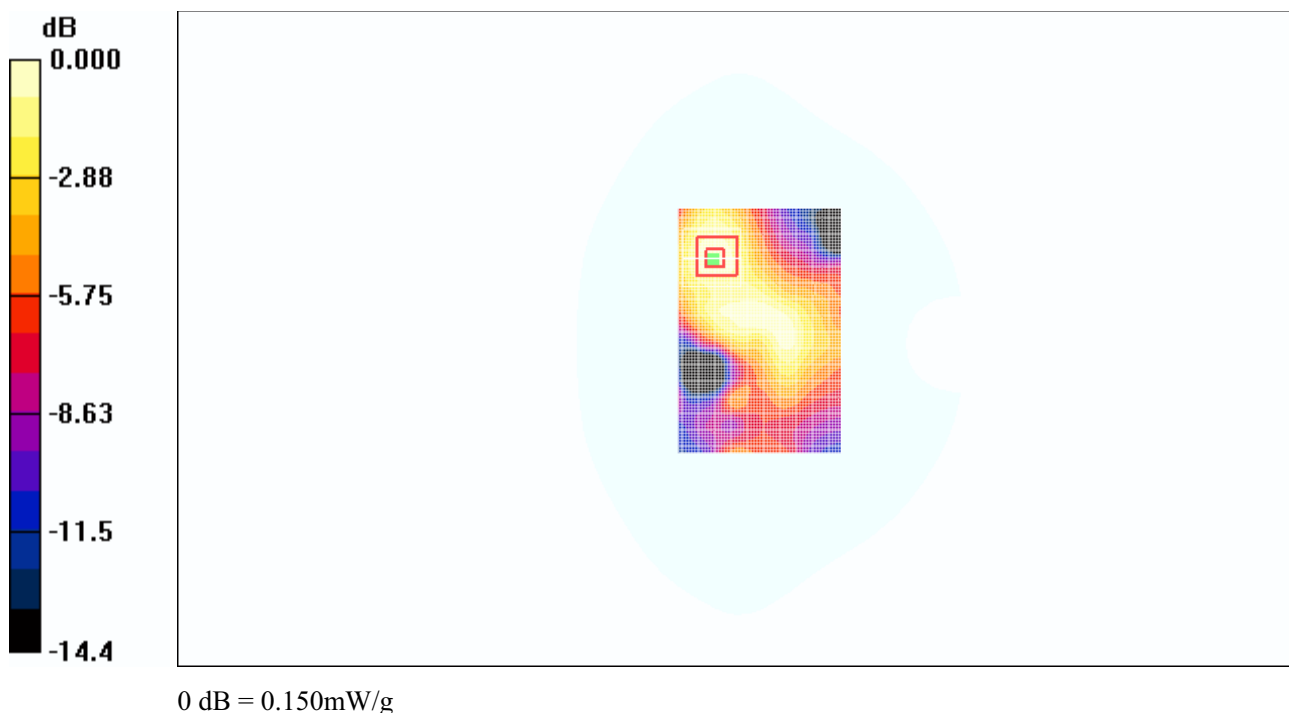
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.10 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.150 mW/g

**Fig.125 1900MHz GPRS CH661Test Position 1**

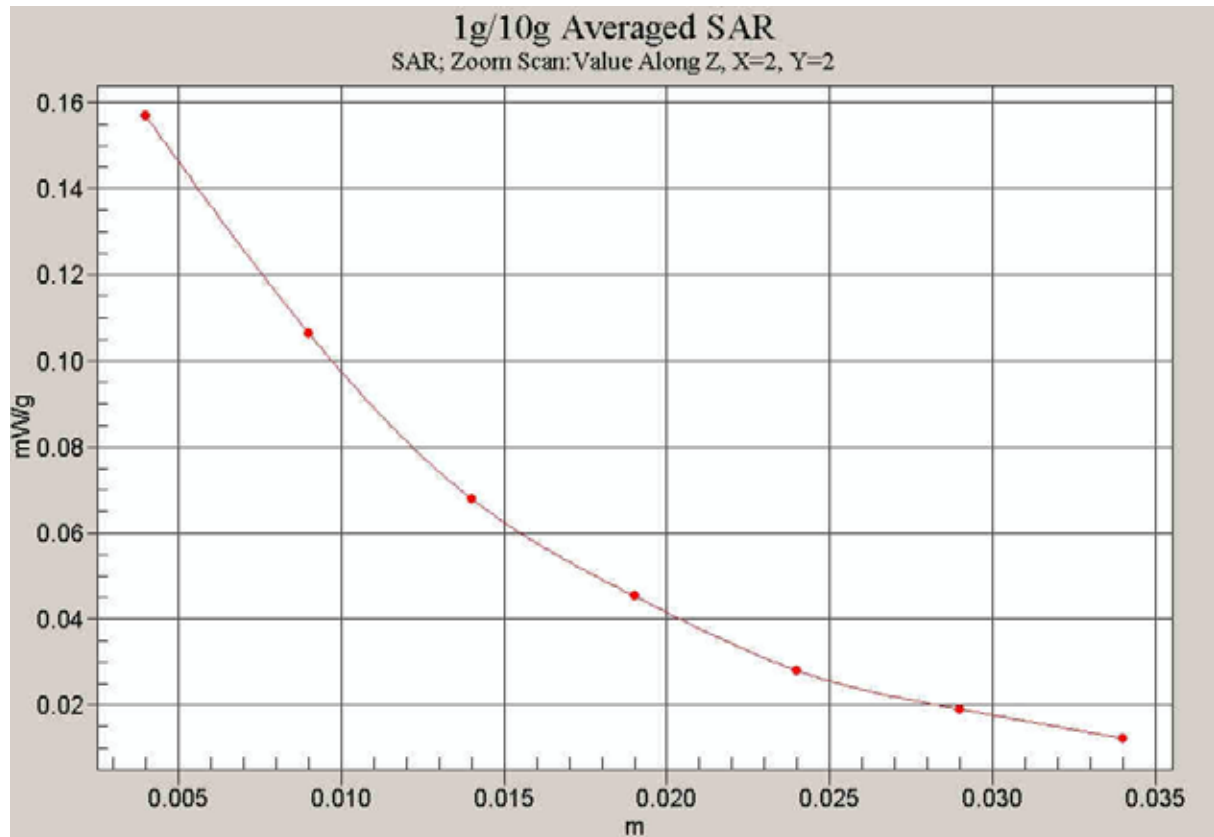


Fig.126 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 1)

1900MHz GPRS Test Position 2 with IBM Laptop-antenna unfolded

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 2/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.372 mW/g

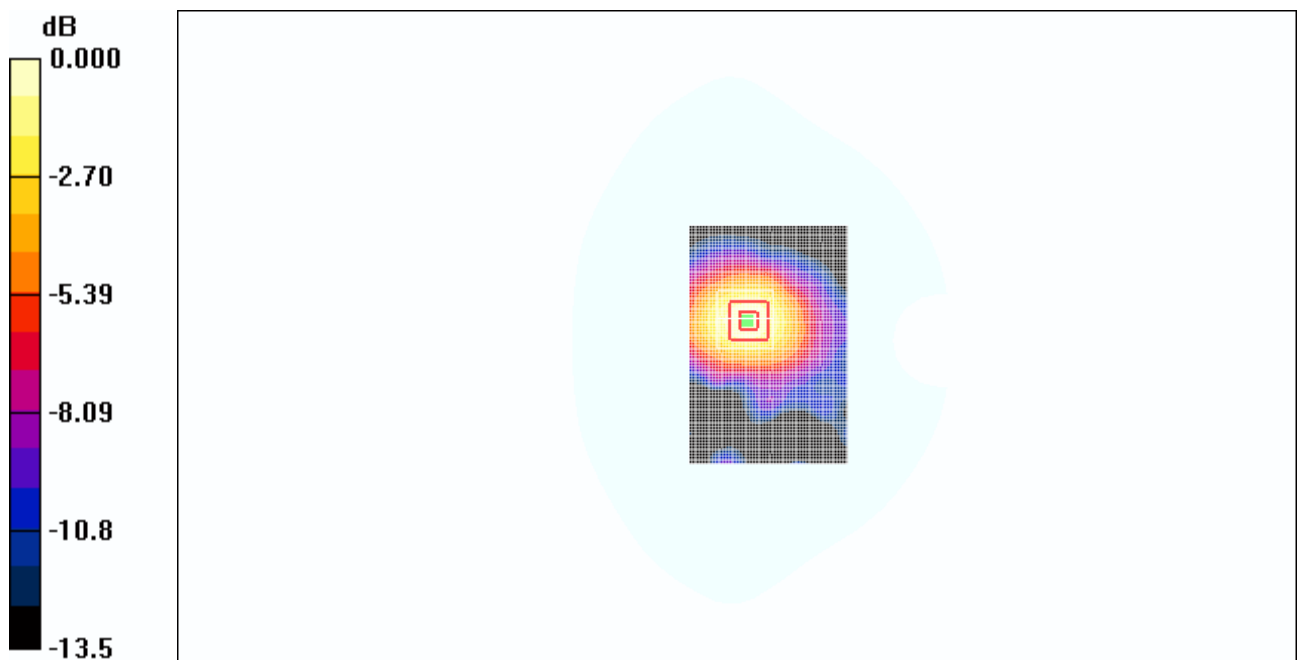
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.353 mW/g



0 dB = 0.353mW/g

Fig.127 1900MHz GPRS CH661 Test Position 2

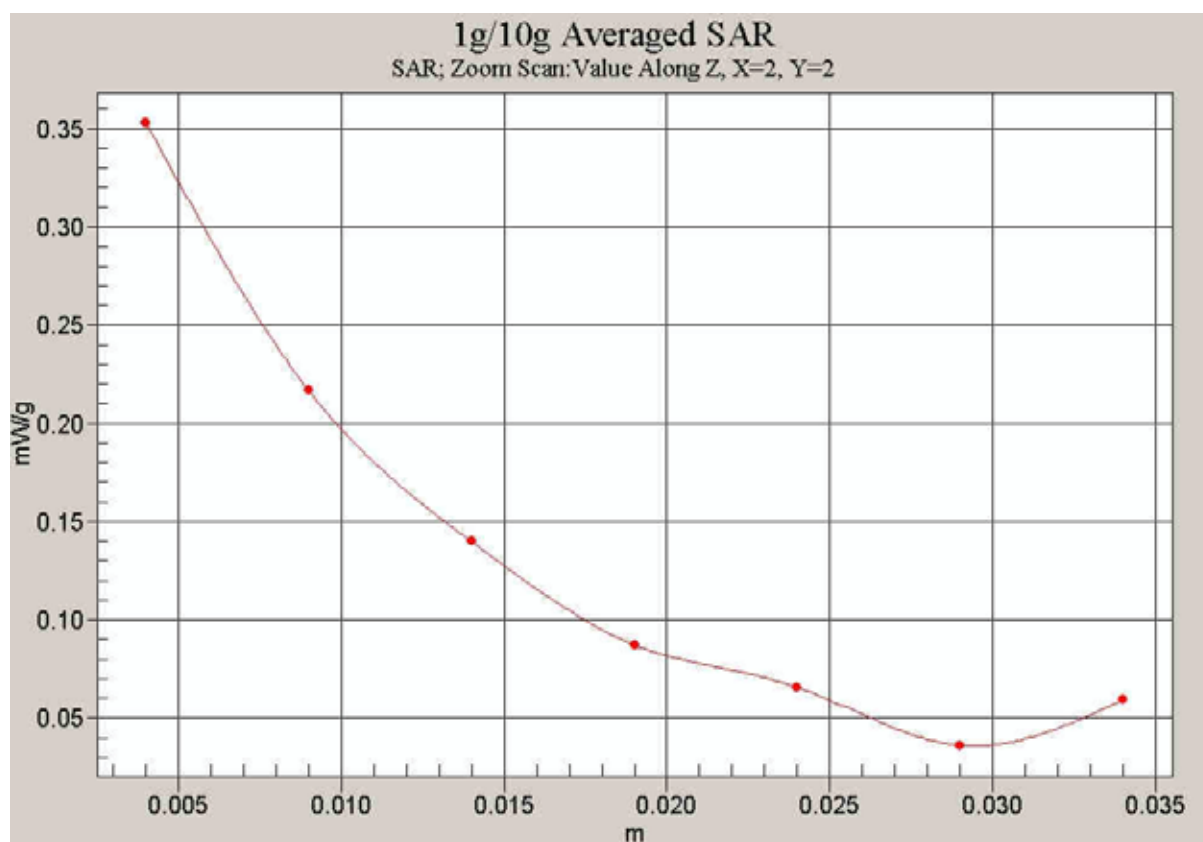


Fig.128 Z-Scan at power reference point (1900MHz GPRS CH661 Test Position 2)