

1900 EGPRS Test Position 4 with DELL Laptop

Electronics: DAE3 Sn536

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 (71x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.127 mW/g

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

Reference Value = 4.76 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.078 mW/g

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

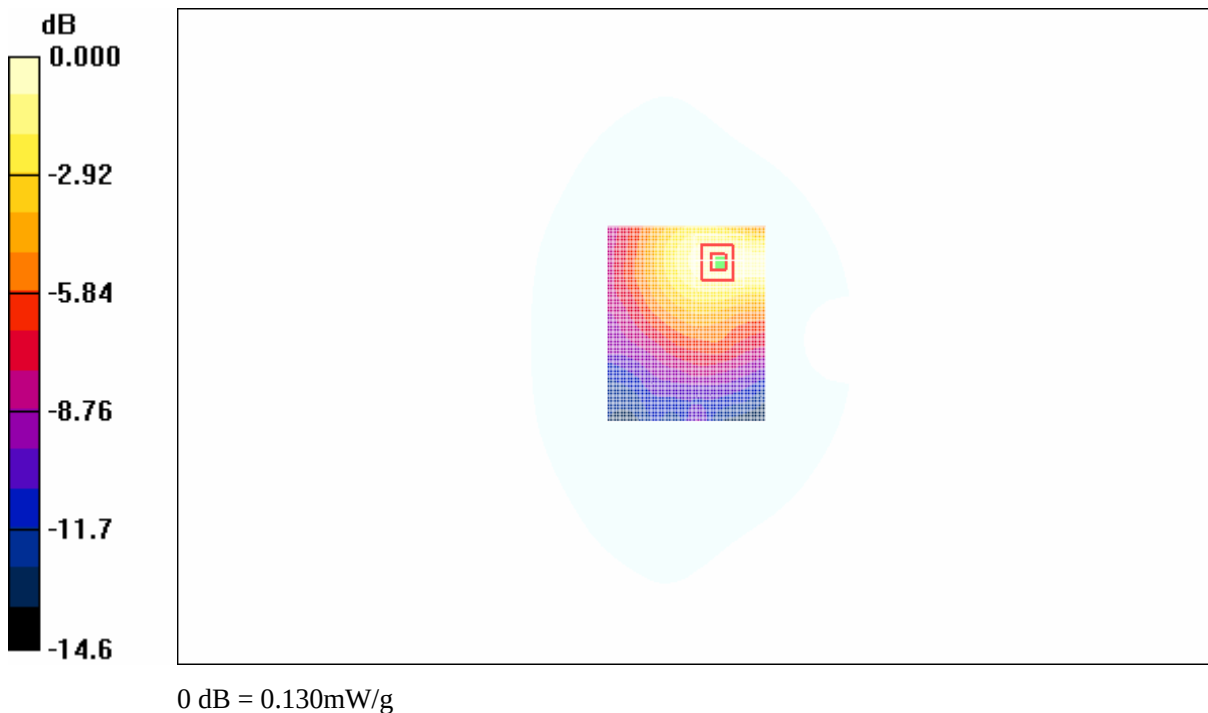


Fig. 57 PCS 1900 EGPRS CH661 Test Position 4

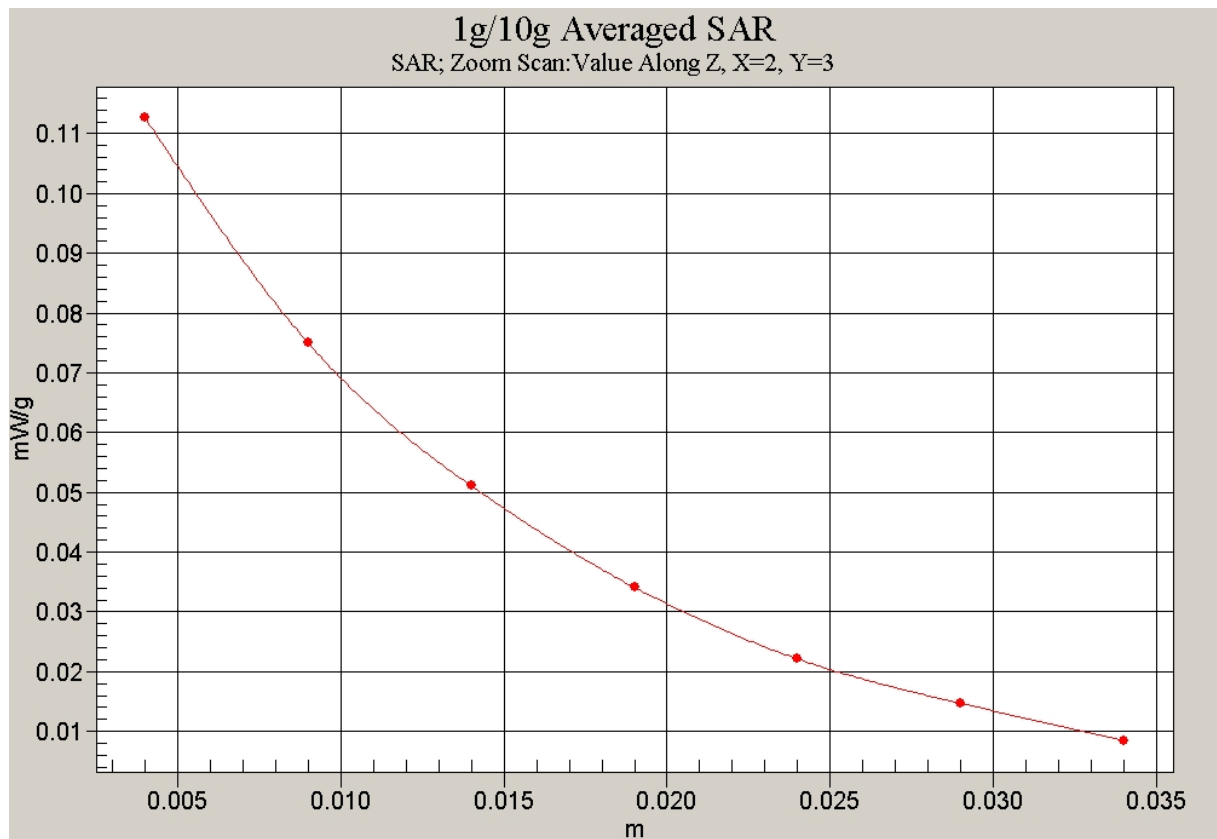


Fig.58 Z-Scan at power reference point (PCS 1900 EGPRS CH661 Test Position 4)

1900 EGPRS Test Position 5 with DELL Laptop

Electronics: DAE3 Sn536

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 (61x81x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 3.59 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.025 mW/g

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

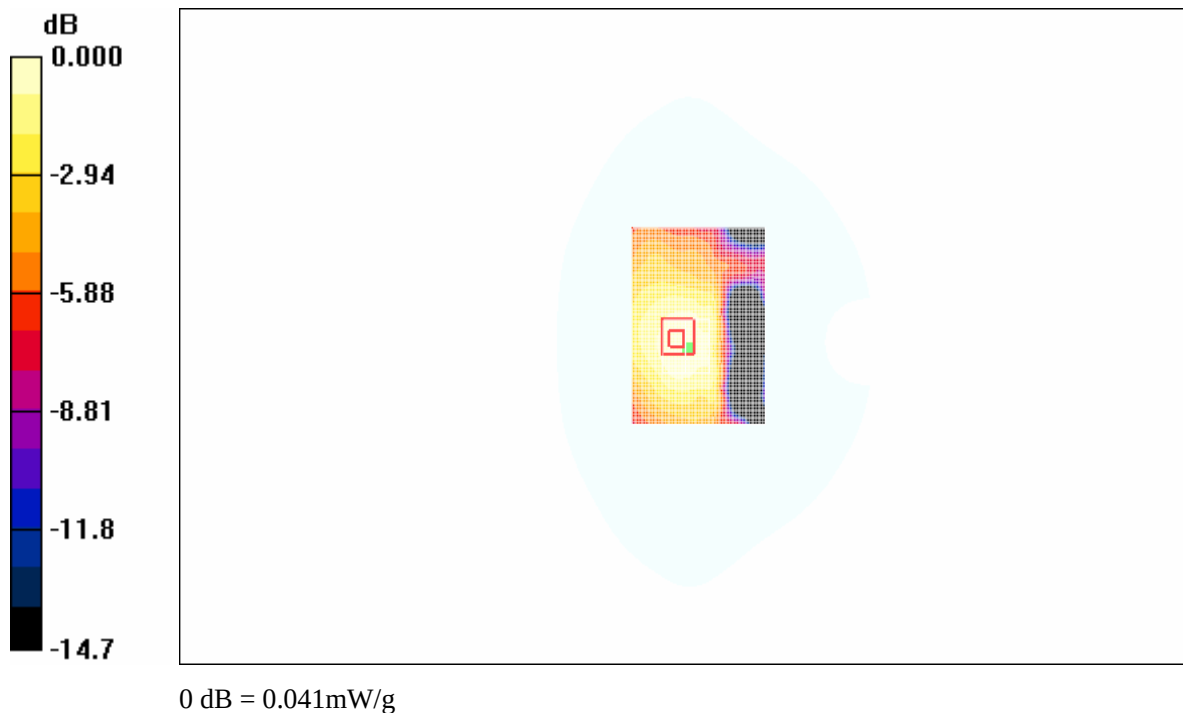


Fig. 59 PCS 1900 EGPRS CH661 Test Position 5

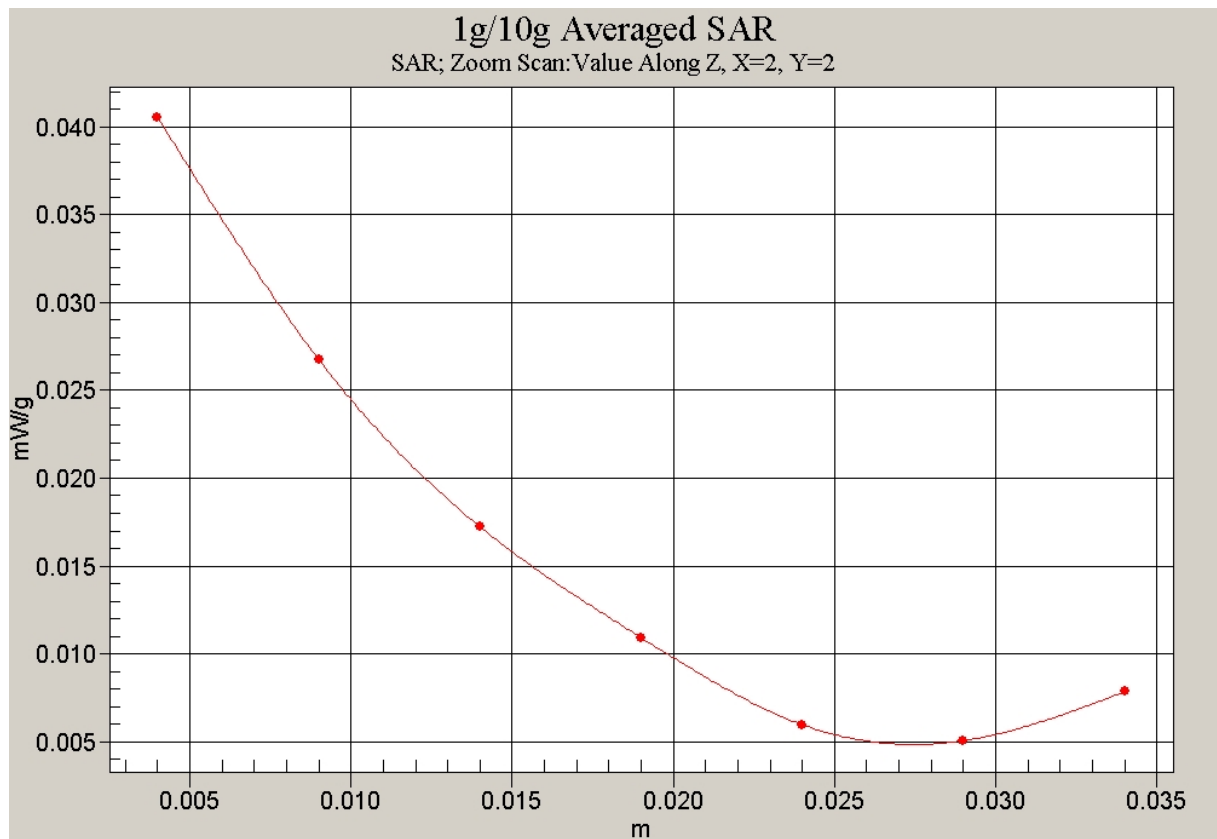


Fig.60 Z-Scan at power reference point (PCS 1900 EGPRS CH661 Test Position 5)

1900 Test Position 1 with HP Laptop

Electronics: DAE3 Sn536

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

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

Test Position 1/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.451 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 = -0.006 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.448 mW/g

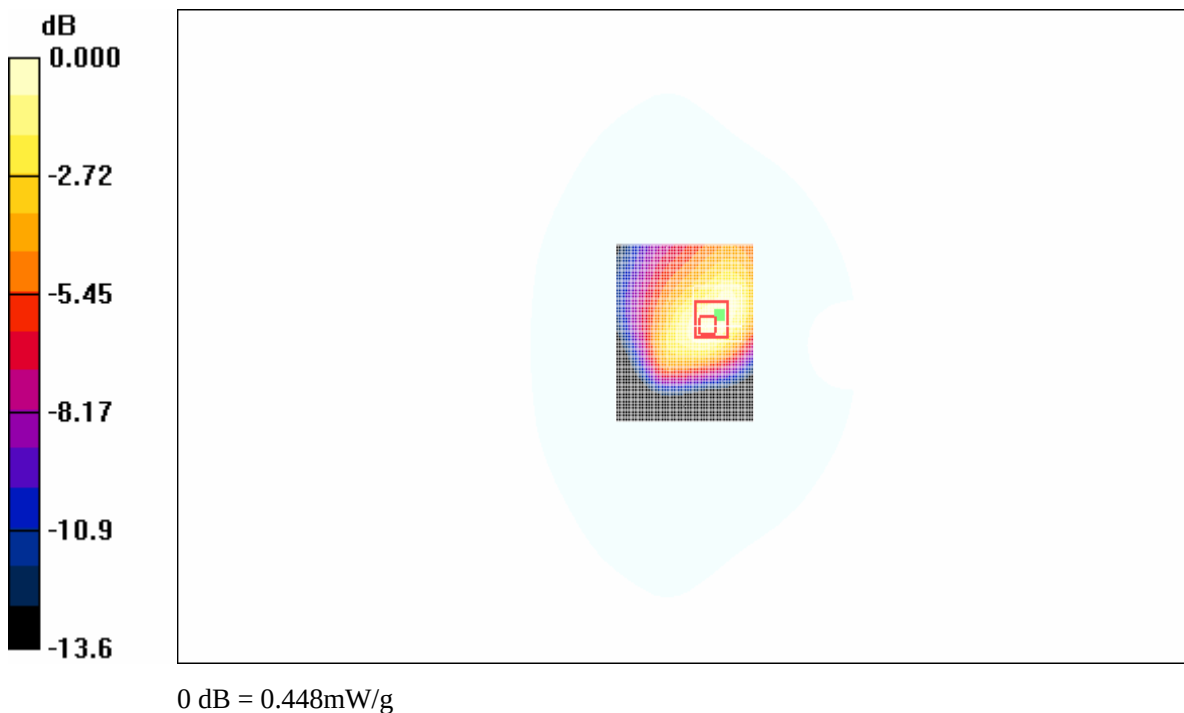


Fig. 61 PCS 1900 CH661 Test Position 1

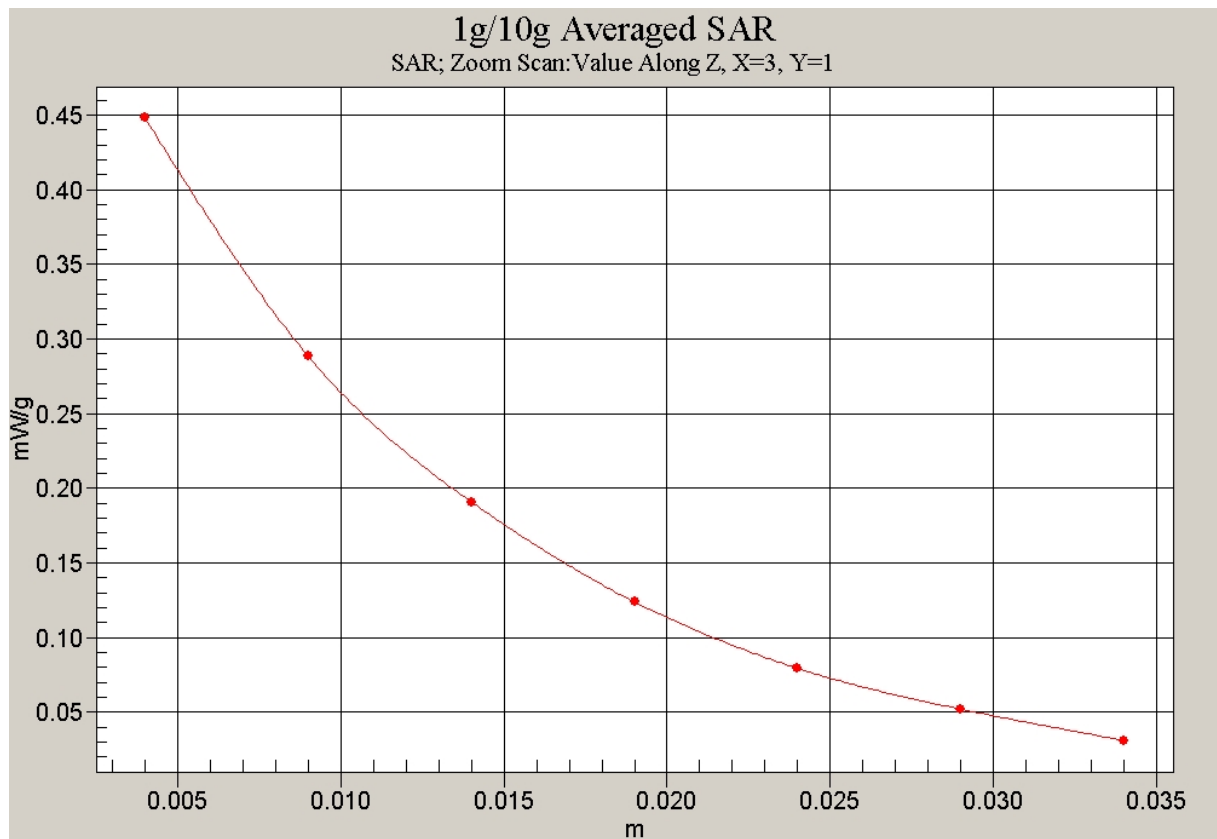


Fig.62 Z-Scan at power reference point (PCS 1900 CH661 Test Position 1)

1900 Test Position 2 with HP Laptop

Electronics: DAE3 Sn536

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

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

Test Position 2/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.296 mW/g

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

Reference Value = 10.6 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.290 mW/g

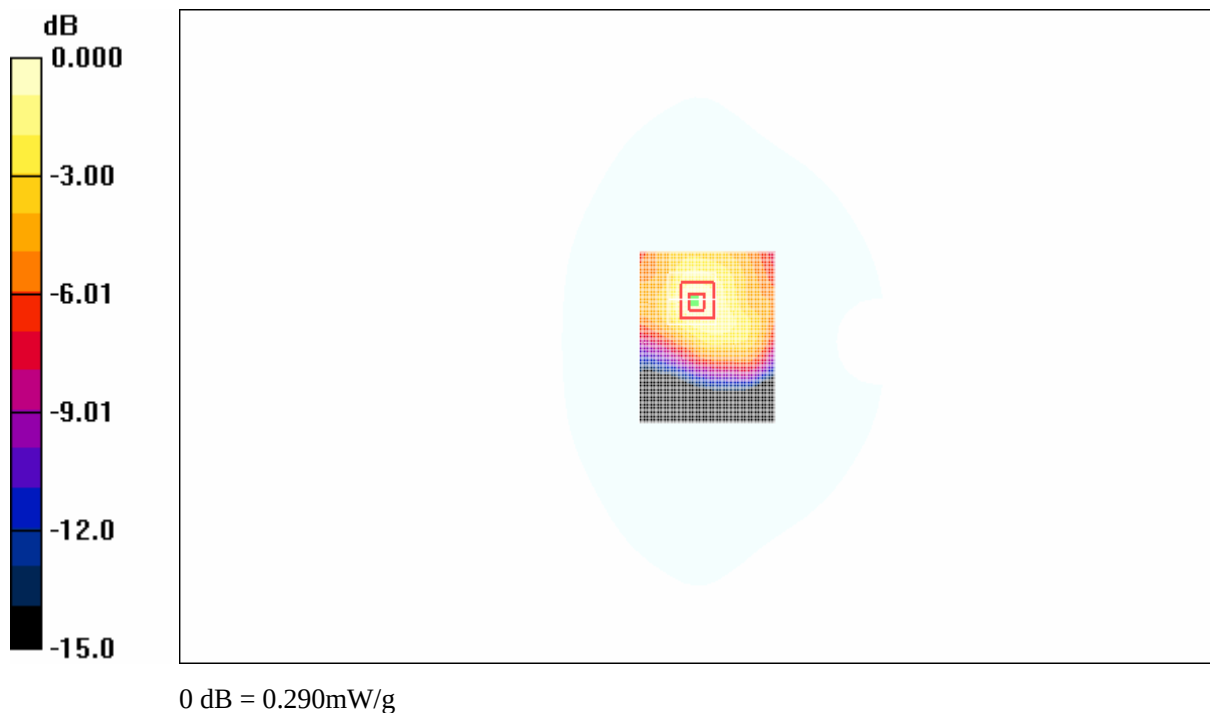


Fig.63 PCS 1900 CH661 Test Position 2

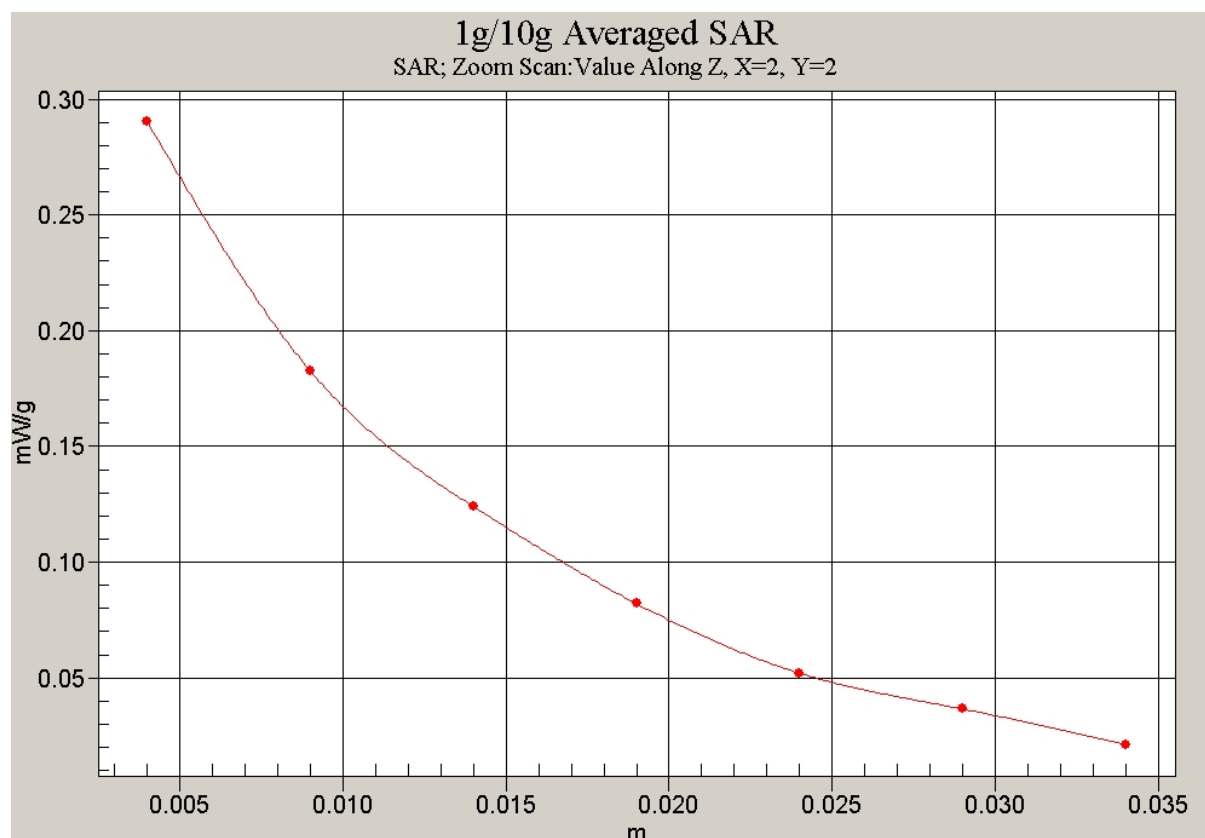


Fig.64 Z-Scan at power reference point (PCS 1900 CH661 Test Position 2)

1900 Test Position 3 with HP Laptop

Electronics: DAE3 Sn536

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

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

Test Position 3/Area Scan (71x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.233 mW/g

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

Reference Value = 4.80 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.128 mW/g

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

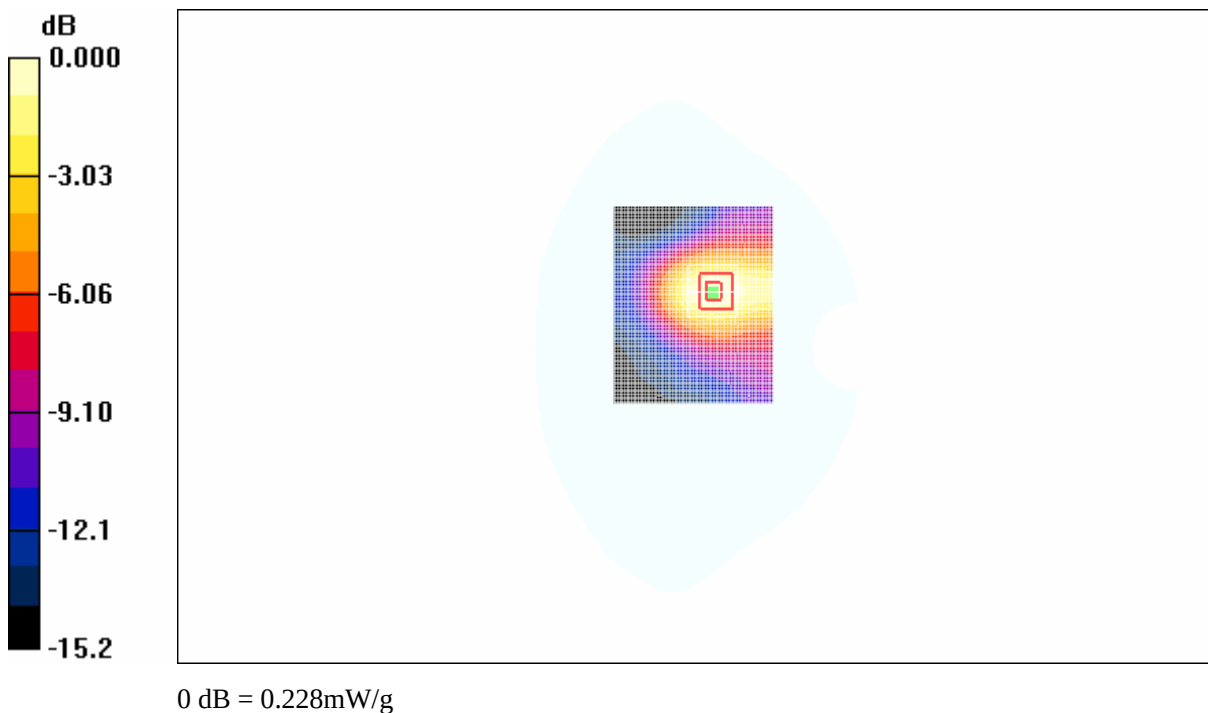


Fig. 65 PCS 1900 CH661 Test Position 3

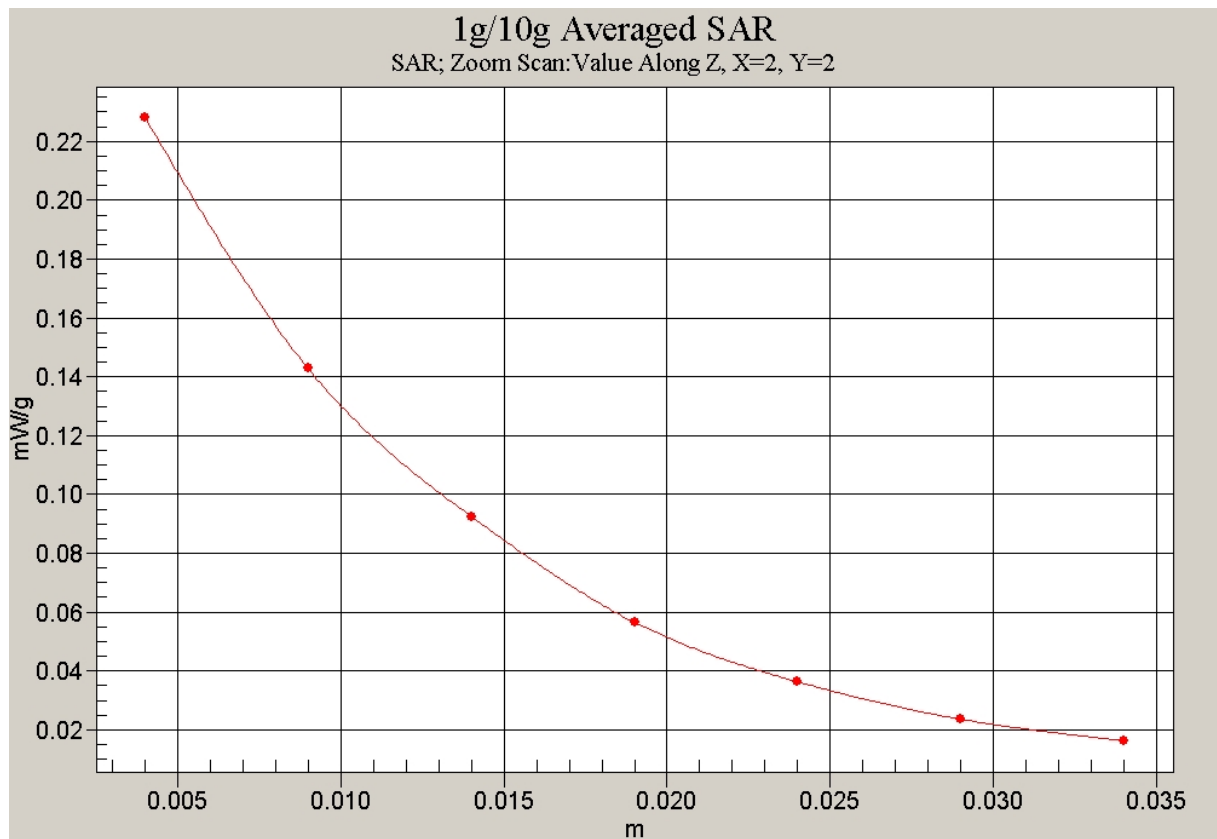


Fig.66 Z-Scan at power reference point (PCS 1900 CH661 Test Position 3)

1900 Test Position 4 with HP Laptop

Electronics: DAE3 Sn536

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

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

Test Position 4/Area Scan (71x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.321 mW/g

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

Reference Value = 9.38 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.317 mW/g

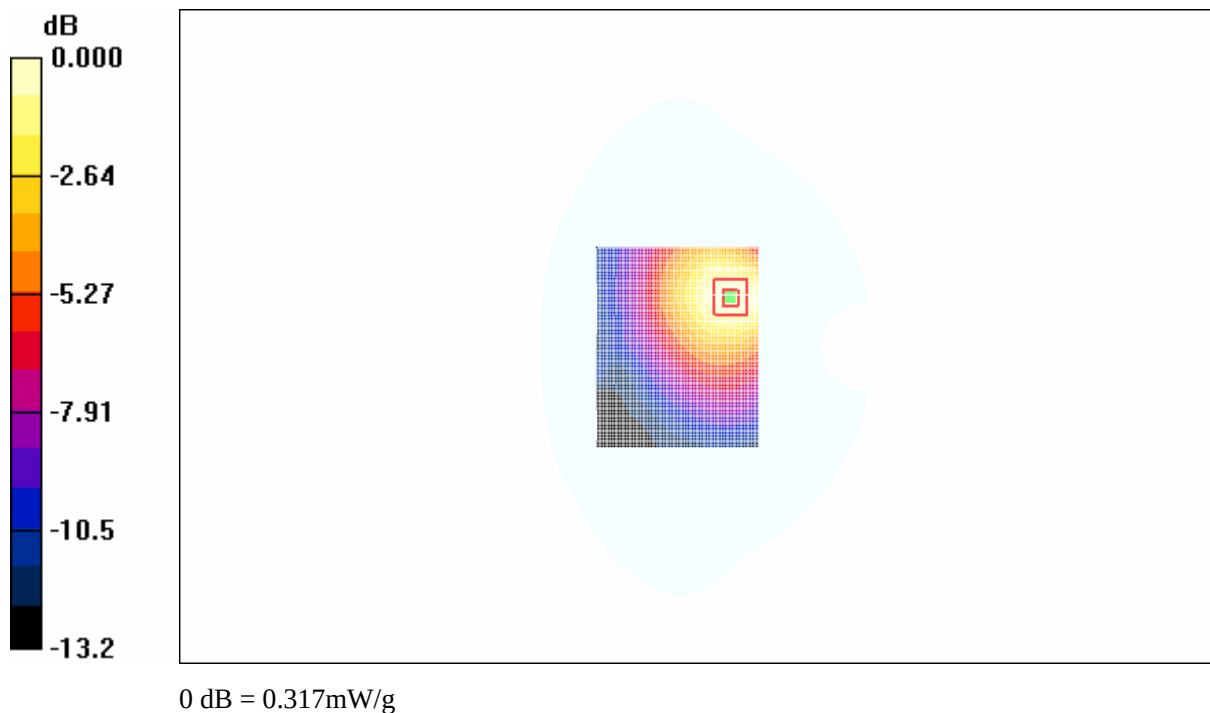


Fig. 67 PCS 1900 CH661 Test Position 4

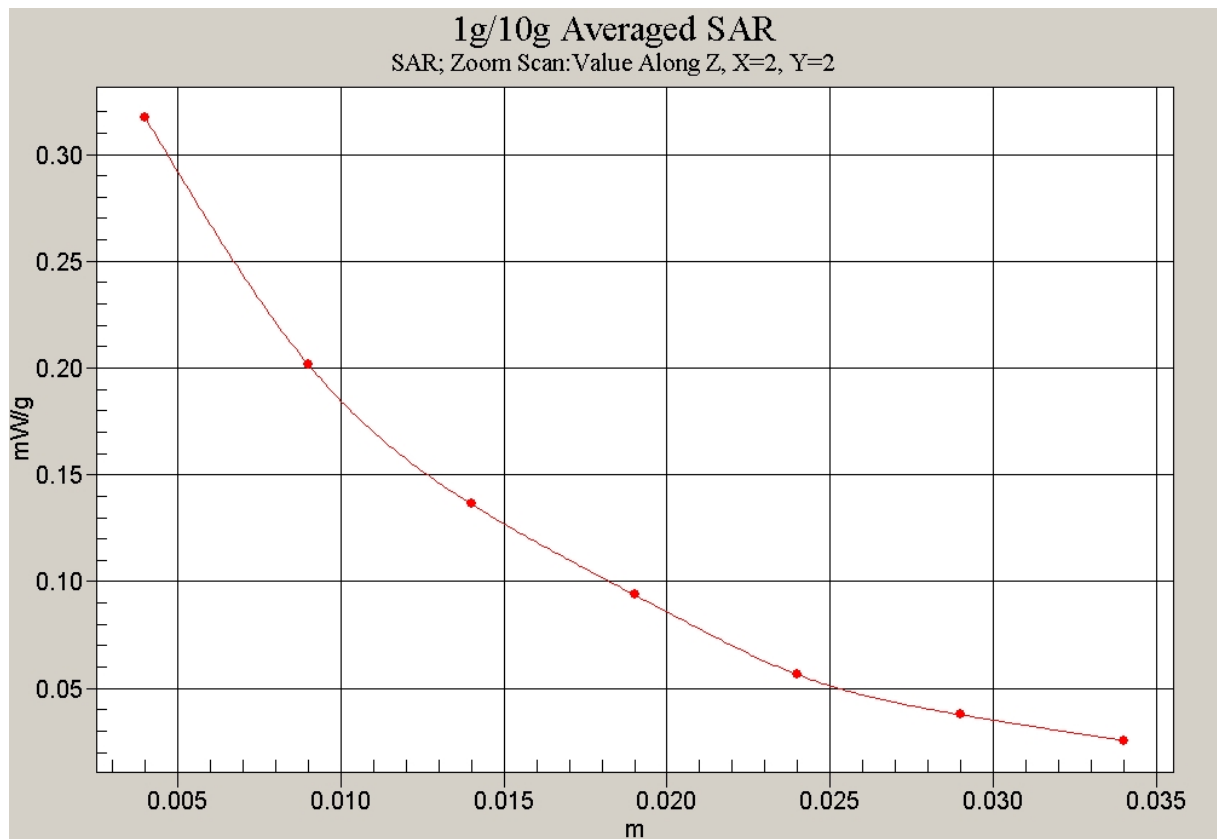


Fig.68 Z-Scan at power reference point (PCS 1900 CH661 Test Position 4)

1900 Test Position 5 with HP Laptop

Electronics: DAE3 Sn536

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

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

Test Position 5/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.051 mW/g

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

Reference Value = 4.71 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.030 mW/g

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

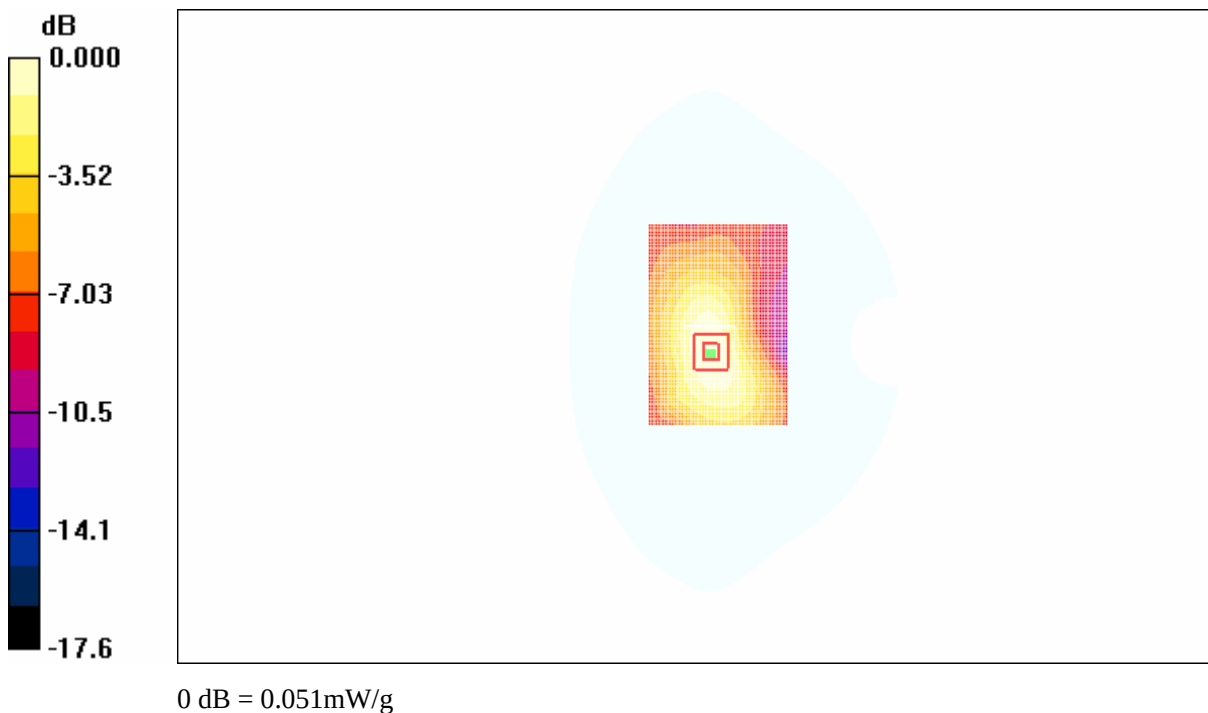


Fig.69 PCS 1900 CH661 Test Position 5

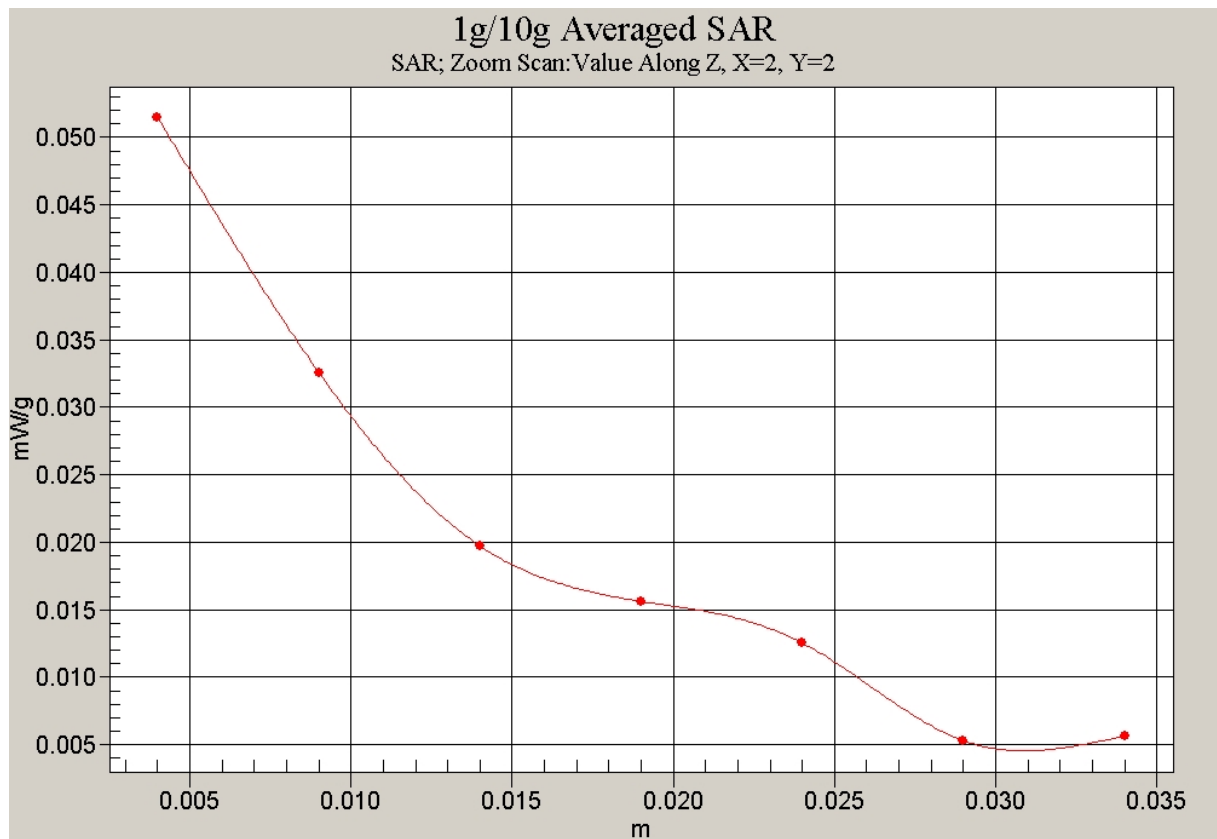


Fig.70 Z-Scan at power reference point (PCS 1900 CH661 Test Position 5)

1900 GPRS Test Position 1 with HP Laptop

Electronics: DAE3 Sn536

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=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.899 mW/g

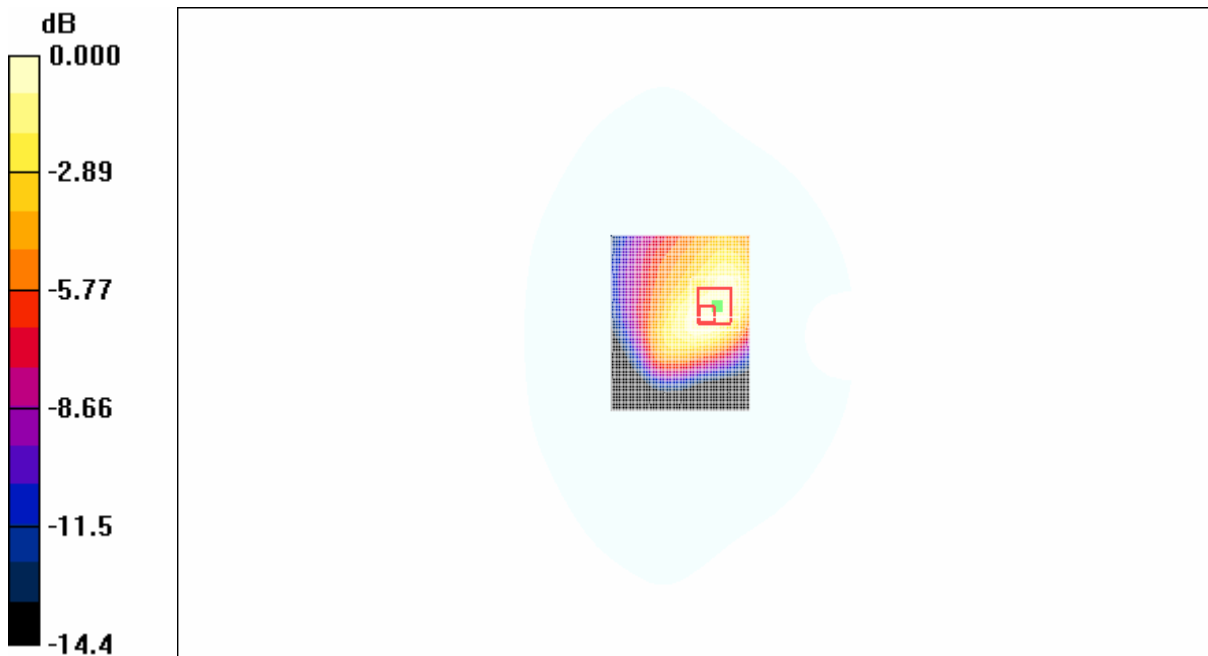
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.0 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 0.868 mW/g



0 dB = 0.868mW/g

Fig. 71 PCS 1900 GPRS CH661 Test Position 1

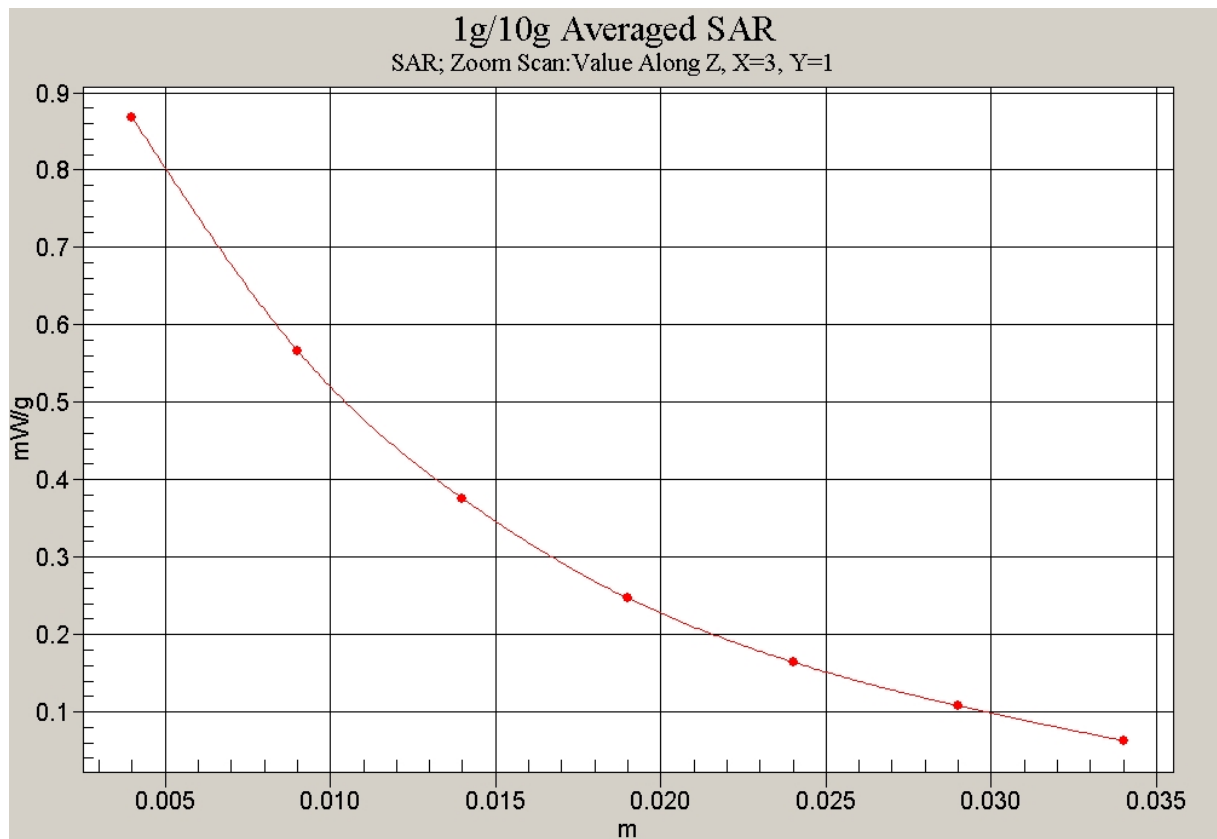


Fig.72 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 with HP Laptop

Electronics: DAE3 Sn536

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=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.655 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 = -0.043 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.656 mW/g

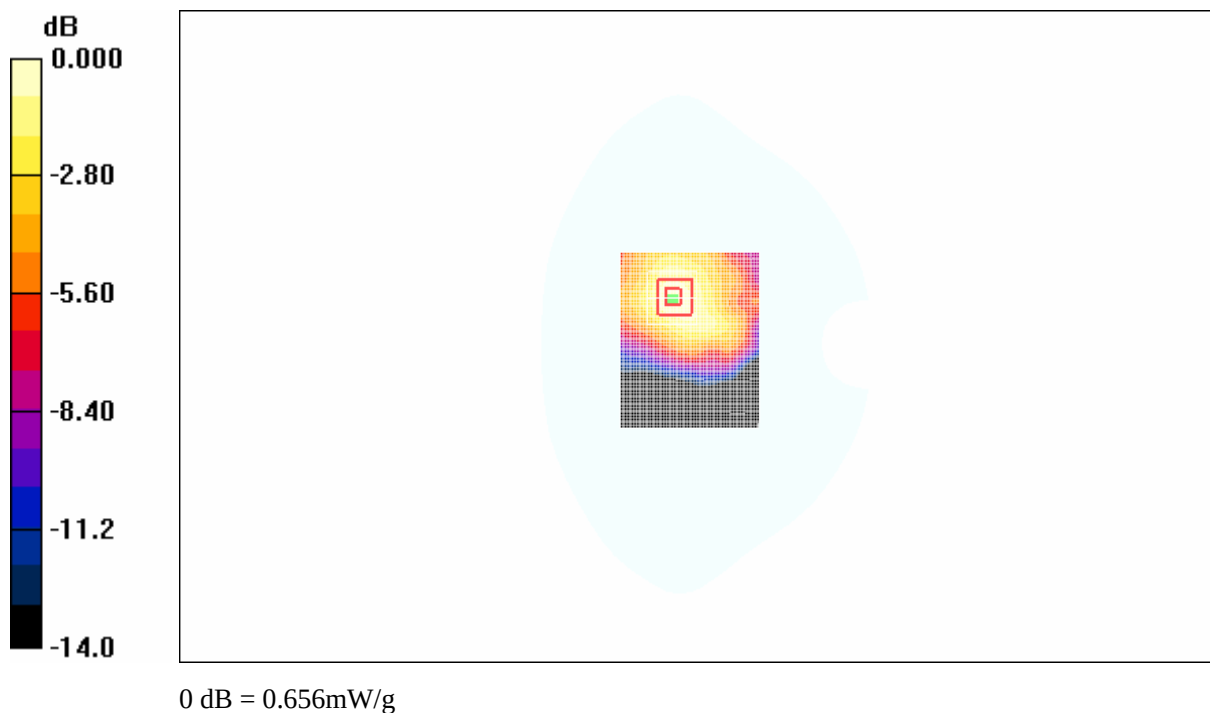


Fig.73 PCS 1900 GPRS CH661 Test Position 2

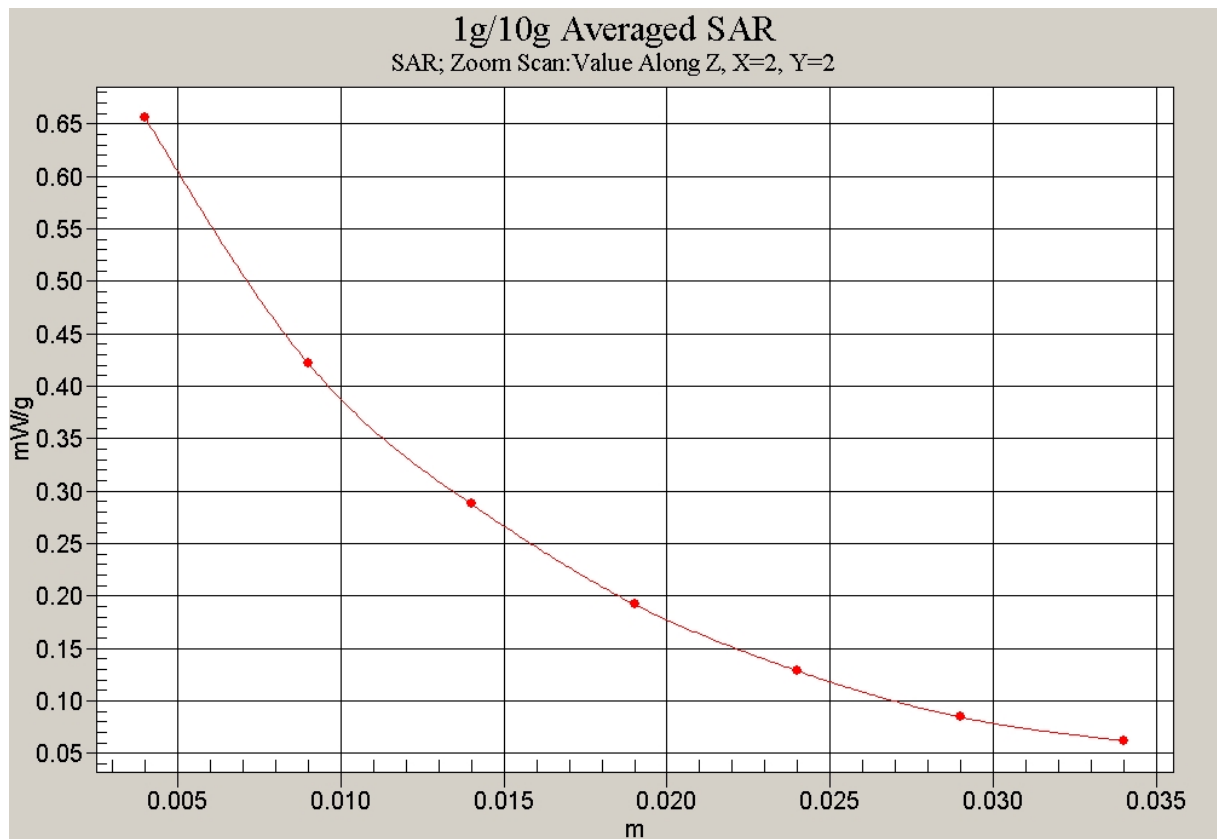


Fig.74 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position 2)

1900 GPRS Test Position 3 with HP Laptop

Electronics: DAE3 Sn536

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 (71x81x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 6.57 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.141 mW/g

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

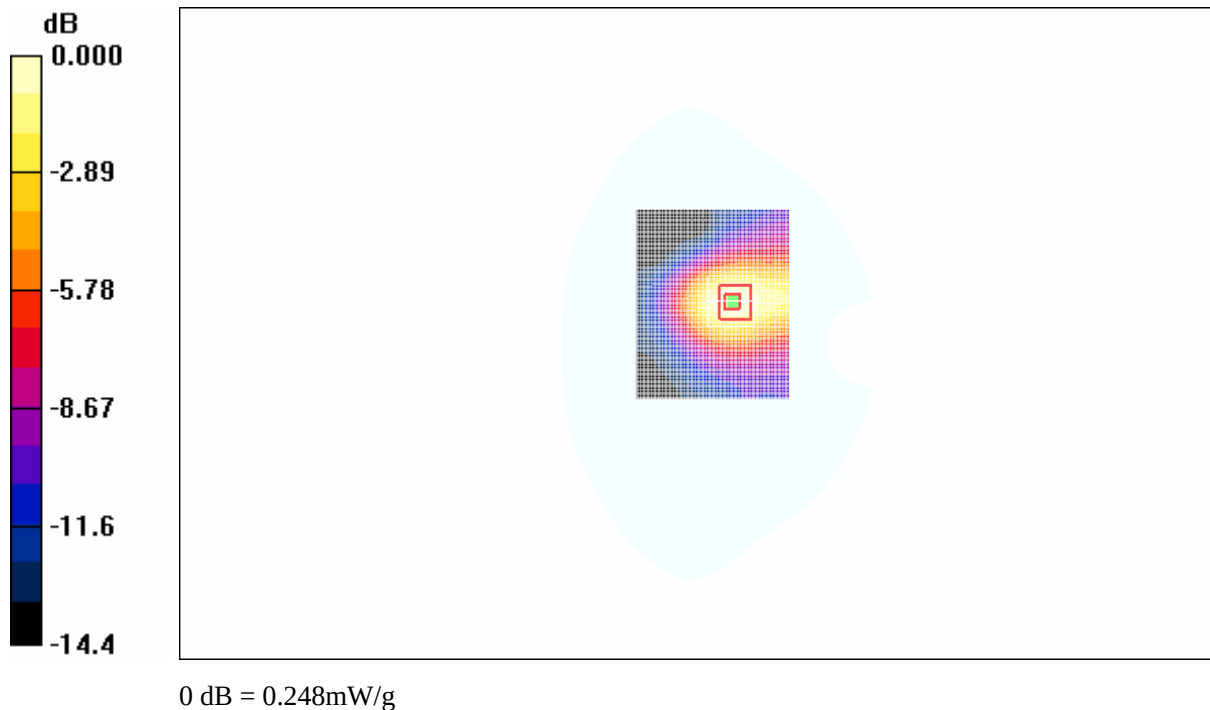


Fig.75 PCS 1900 GPRS CH661 Test Position 3

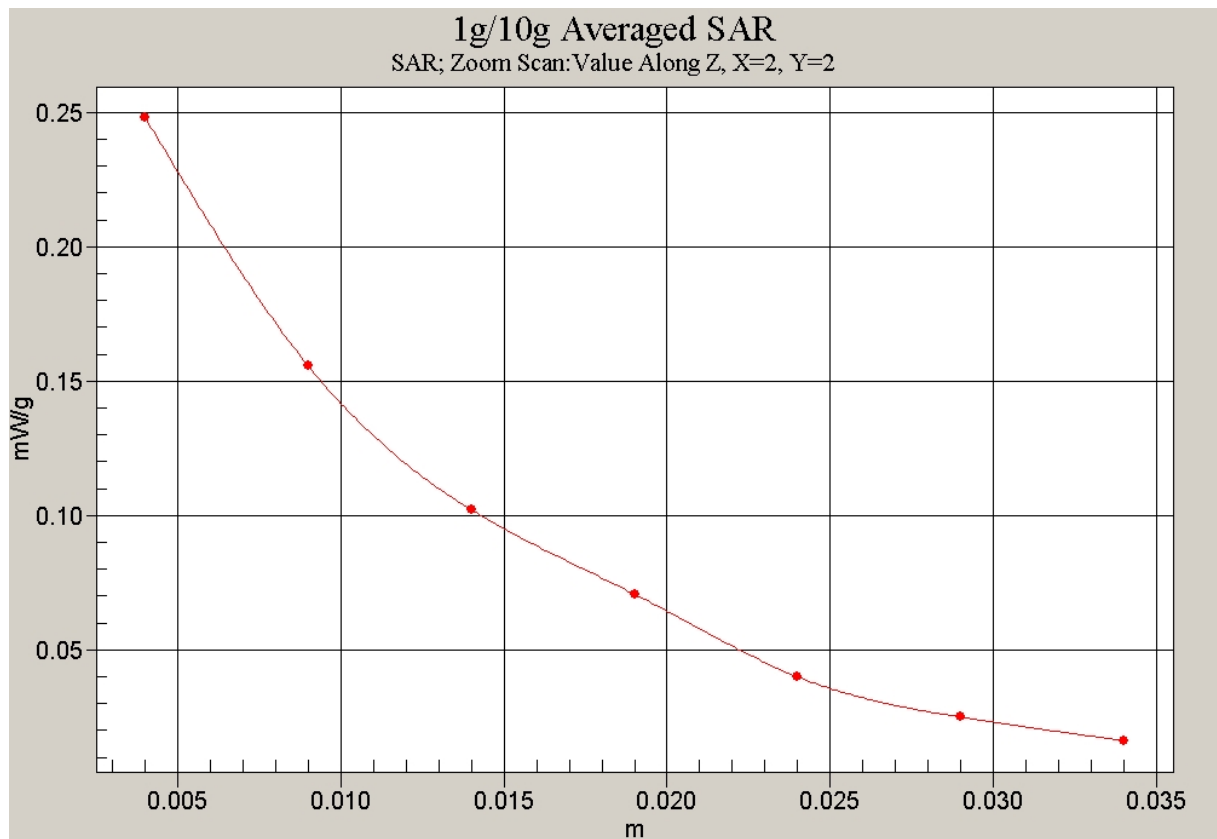


Fig.76 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position 3)