1900 EGPRS Test Position 4 with IBM 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) = 0.142 mW/g

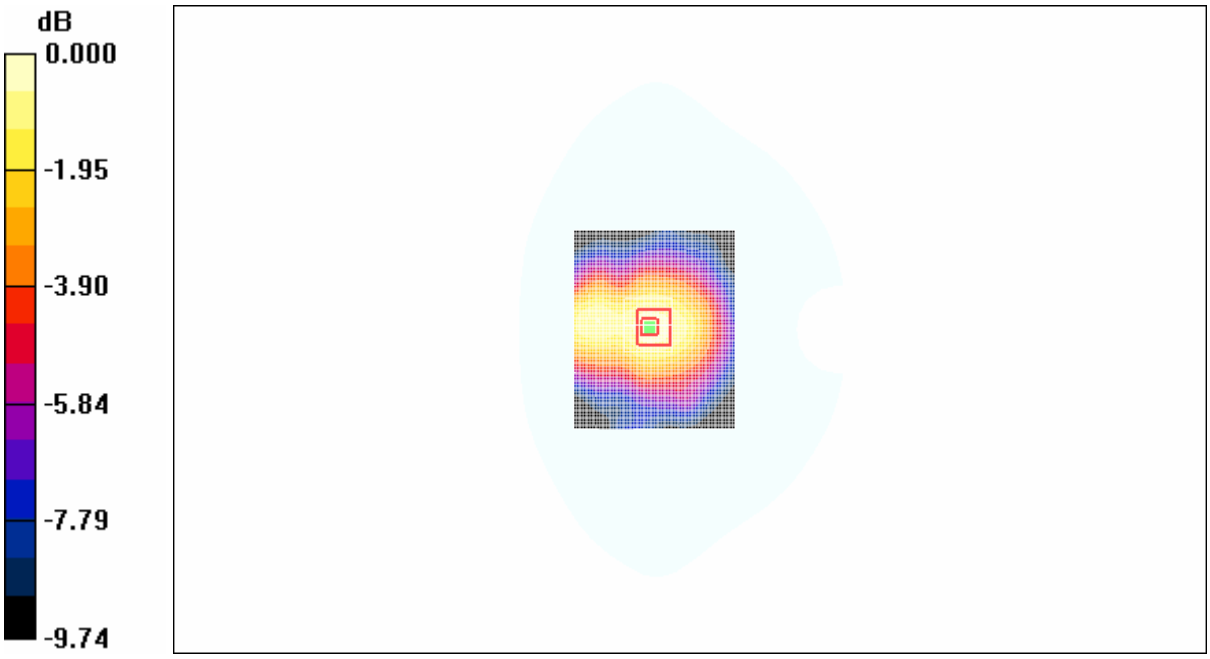
Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.36 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.138 mW/g



0 dB = 0.138mW/g

Fig. 27 PCS 1900 EGPRS CH661 Test Position 4

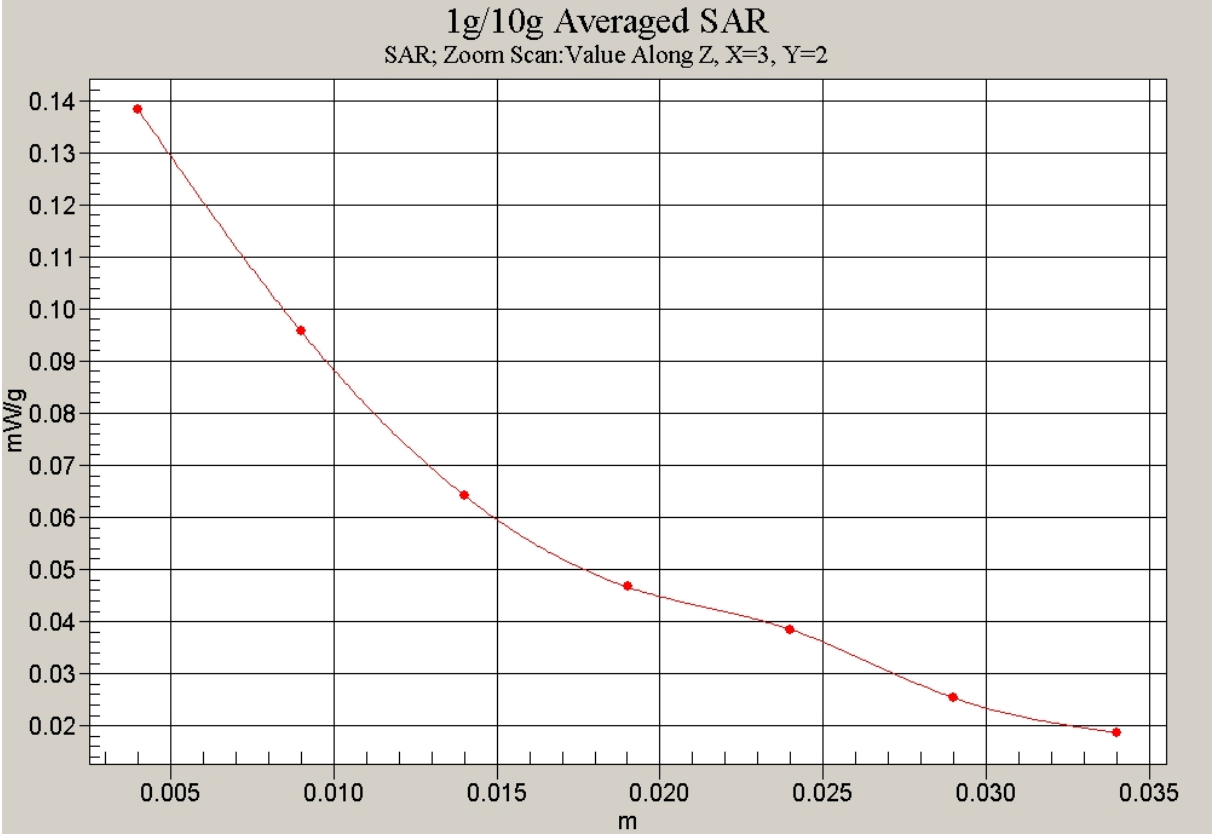


Fig.28 Z-Scan at power reference point (PCS 1900 EGPRS CH661 Test Position 4)

1900 EGPRS Test Position 5 with IBM 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) = 0.049 mW/g

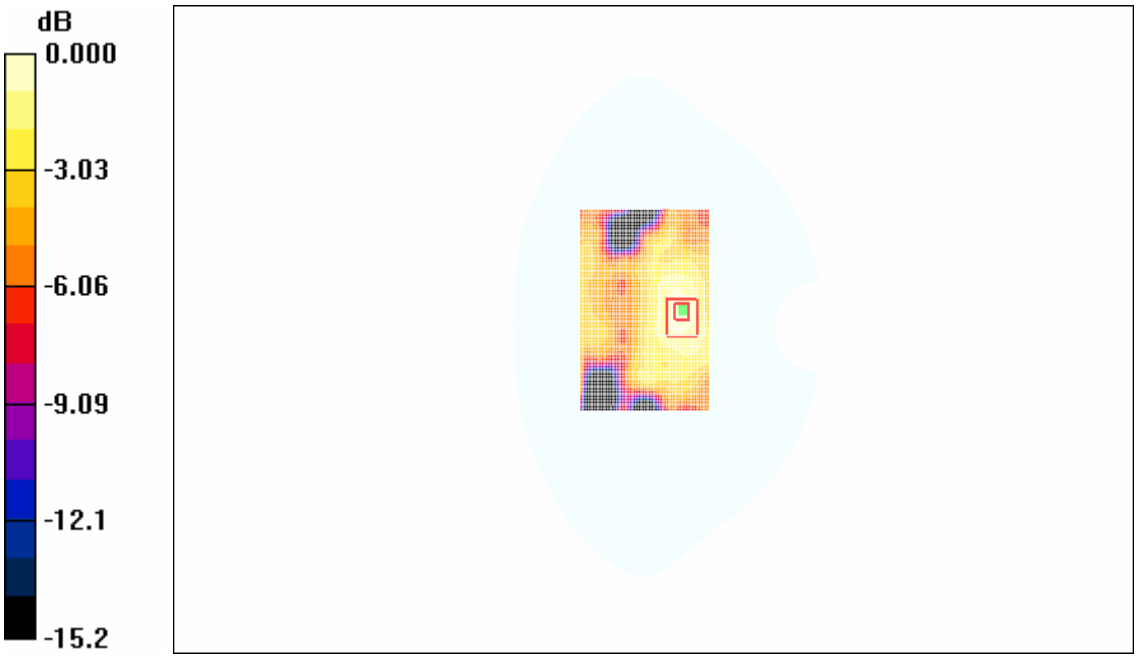
Test Position 5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.97 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.050 mW/g



0 dB = 0.050mW/g

Fig.29 PCS 1900 EGPRS CH661 Test Position 5

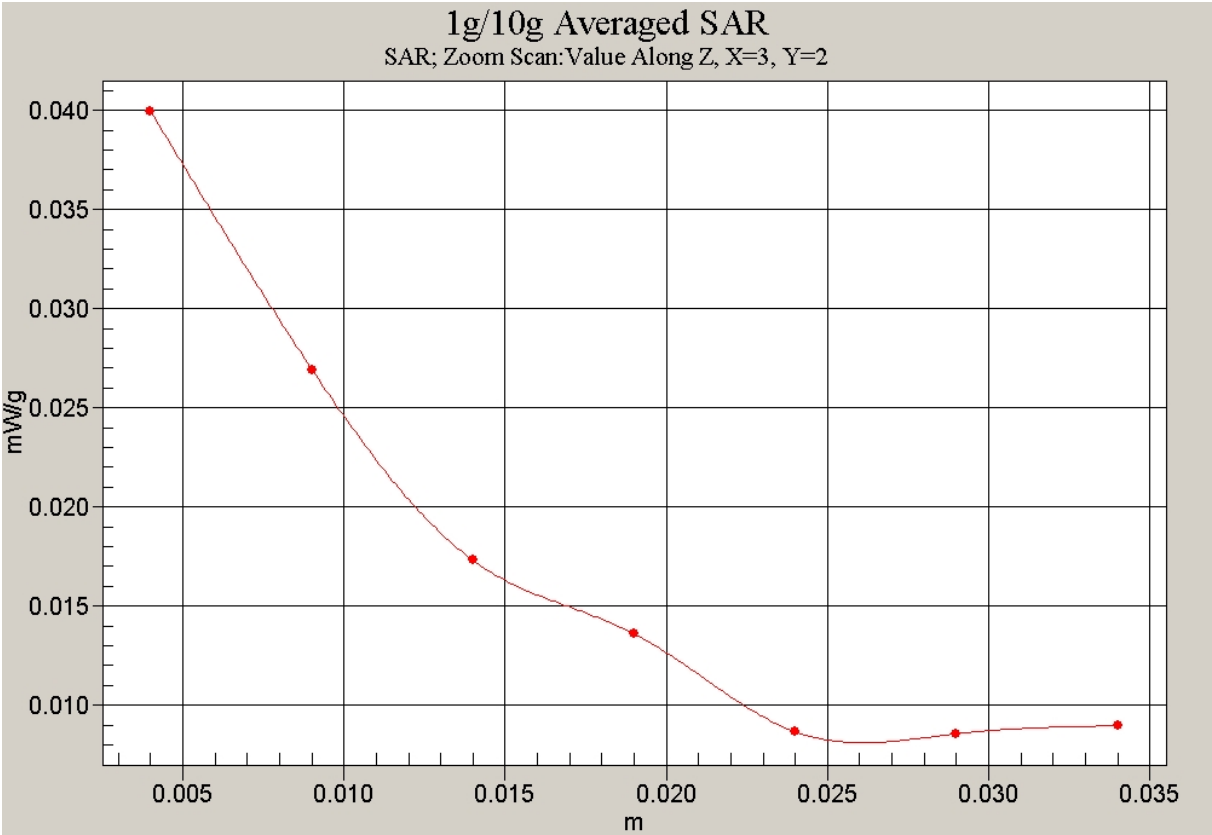


Fig.30 Z-Scan at power reference point (PCS 1900 EGPRS CH661 Test Position 5)

1900 Test Position 1 with DELL 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) = 0.402 mW/g

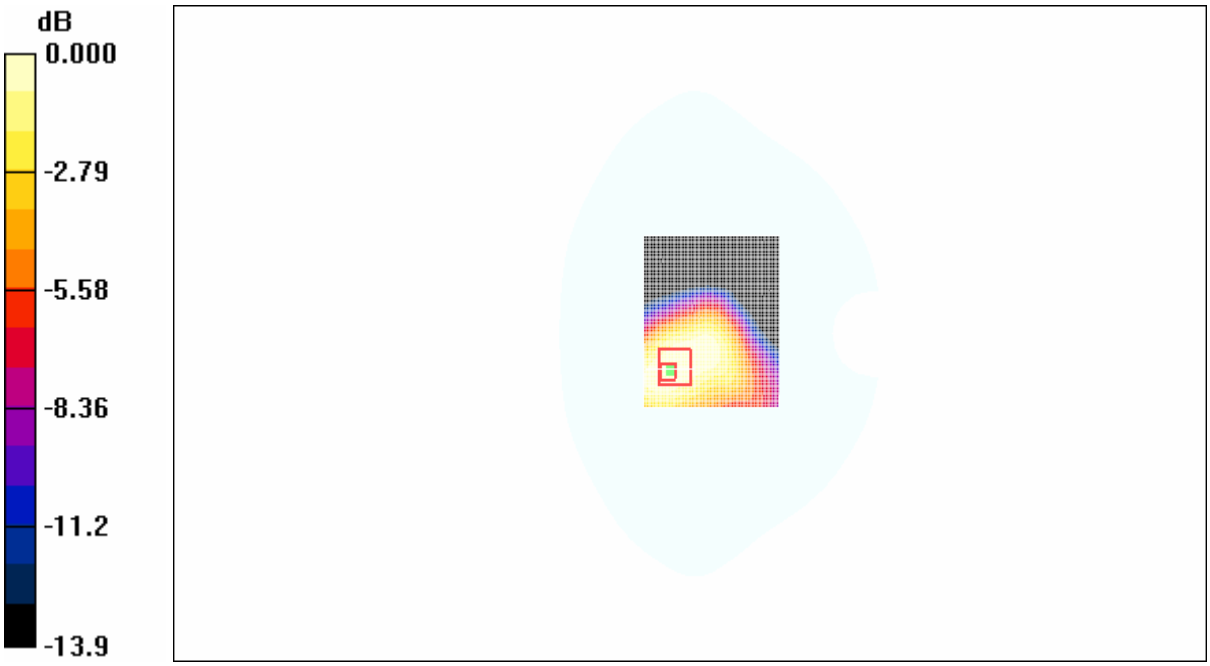
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



0 dB = 0.389mW/g

Fig. 31 PCS 1900 CH661 Test Position 1

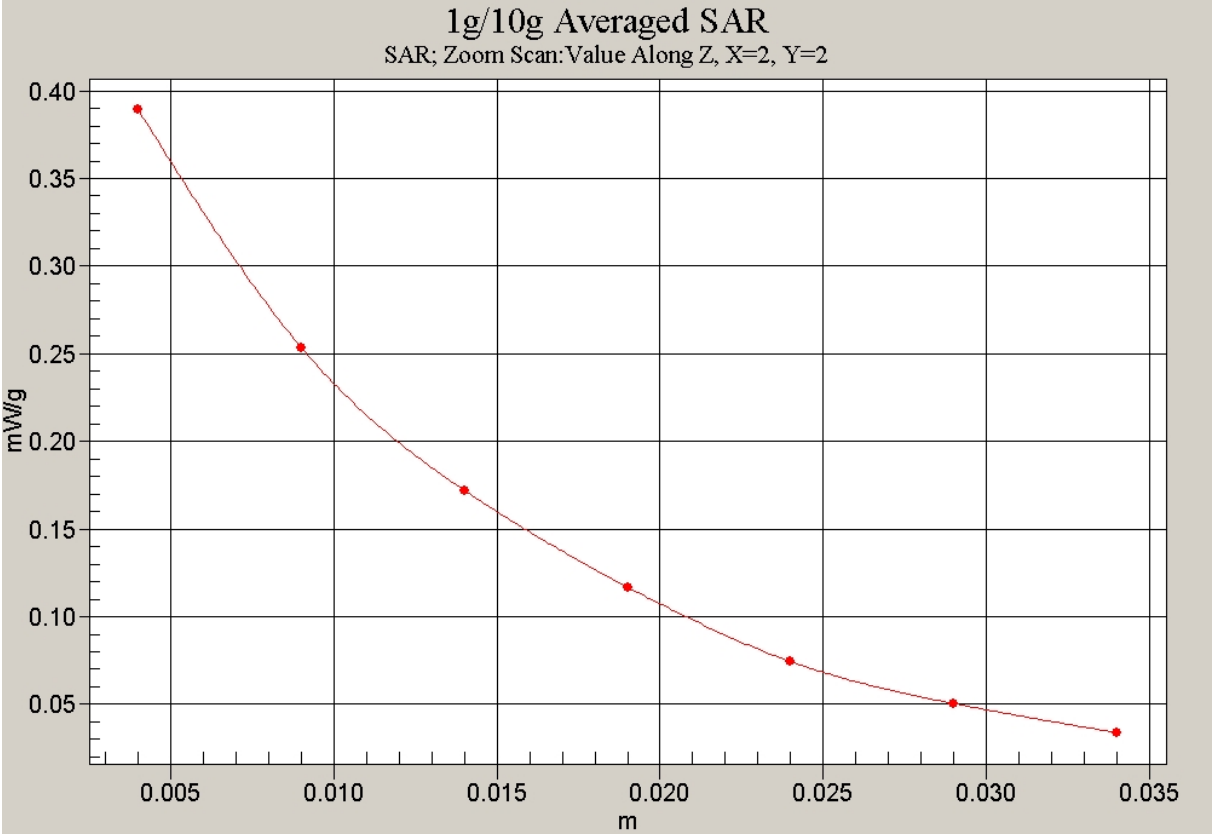


Fig. 32 Z-Scan at power reference point (PCS 1900 CH661 Test Position 1)

1900 Test Position 2 with DELL 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) = 0.289 mW/g

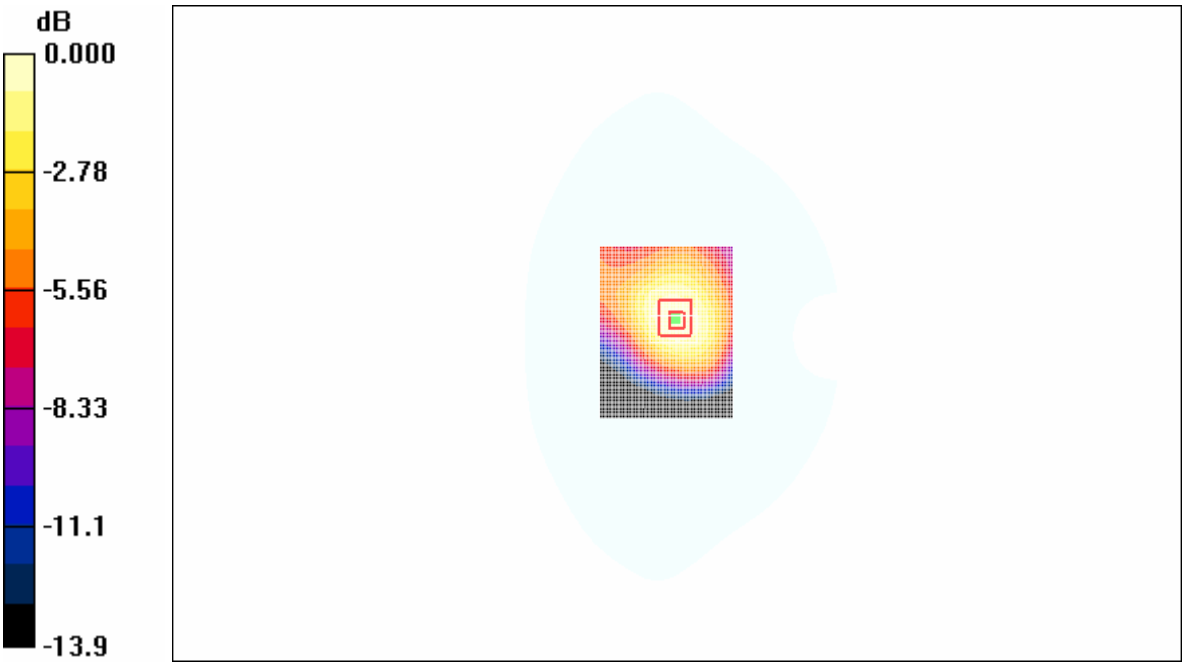
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282mW/g

Fig.33 PCS 1900 CH661 Test Position 2

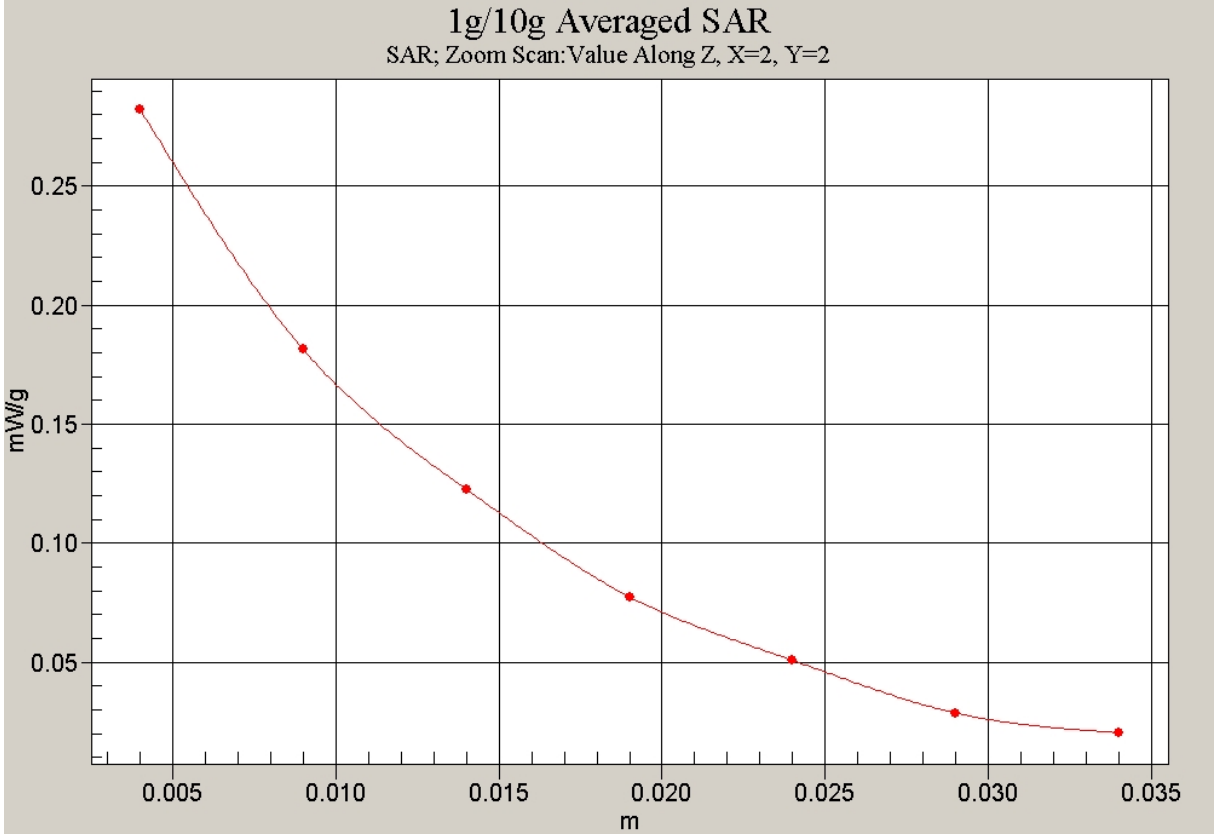


Fig. 34 Z-Scan at power reference point (PCS 1900 CH661 Test Position 2)

1900 Test Position 3 with DELL 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) = 0.171 mW/g

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

Reference Value = 3.00 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.164 mW/g

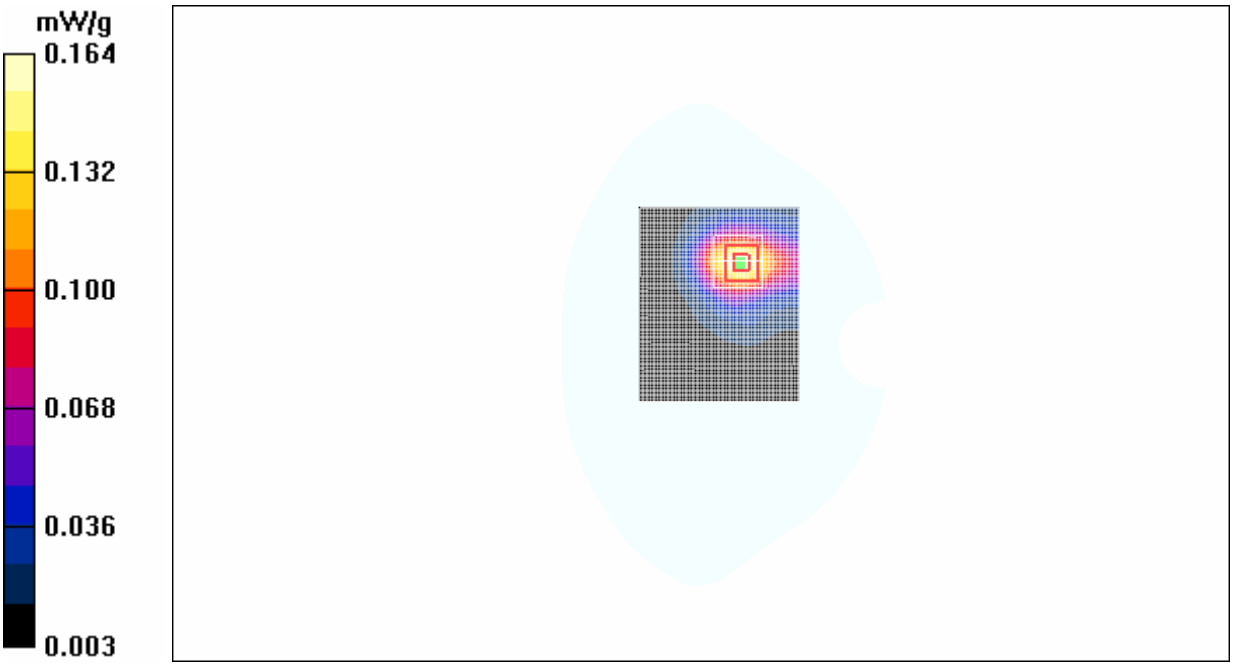


Fig. 35 PCS 1900 CH661 Test Position 3

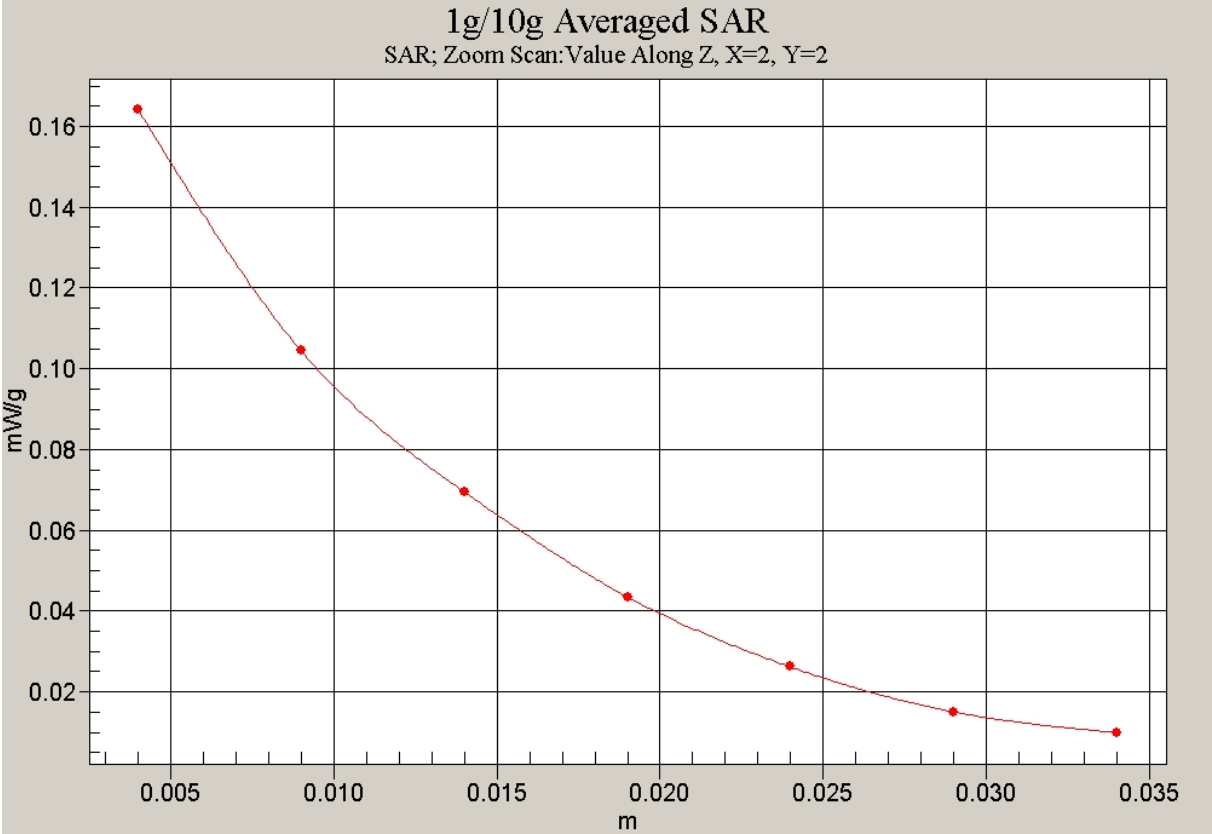


Fig. 36 Z-Scan at power reference point (PCS 1900 CH661 Test Position 3)

1900 Test Position 4 with DELL 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) = 0.156 mW/g

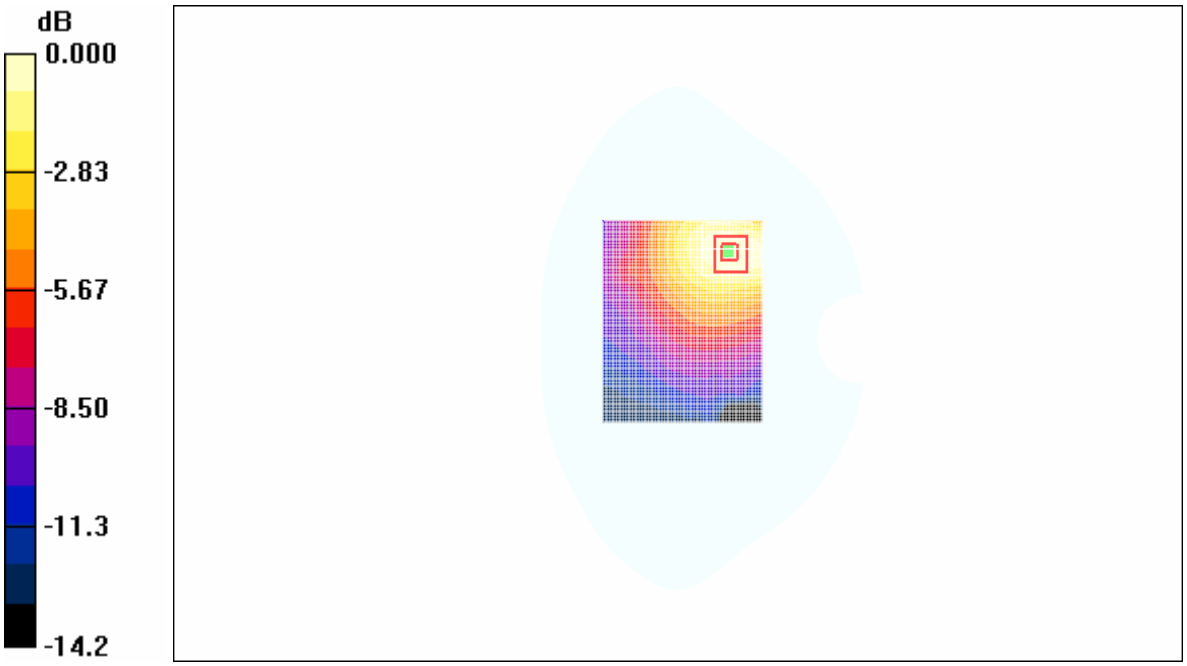
Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.83 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.094 mW/g

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



0 dB = 0.157mW/g

Fig. 37 PCS 1900 CH661 Test Position 4

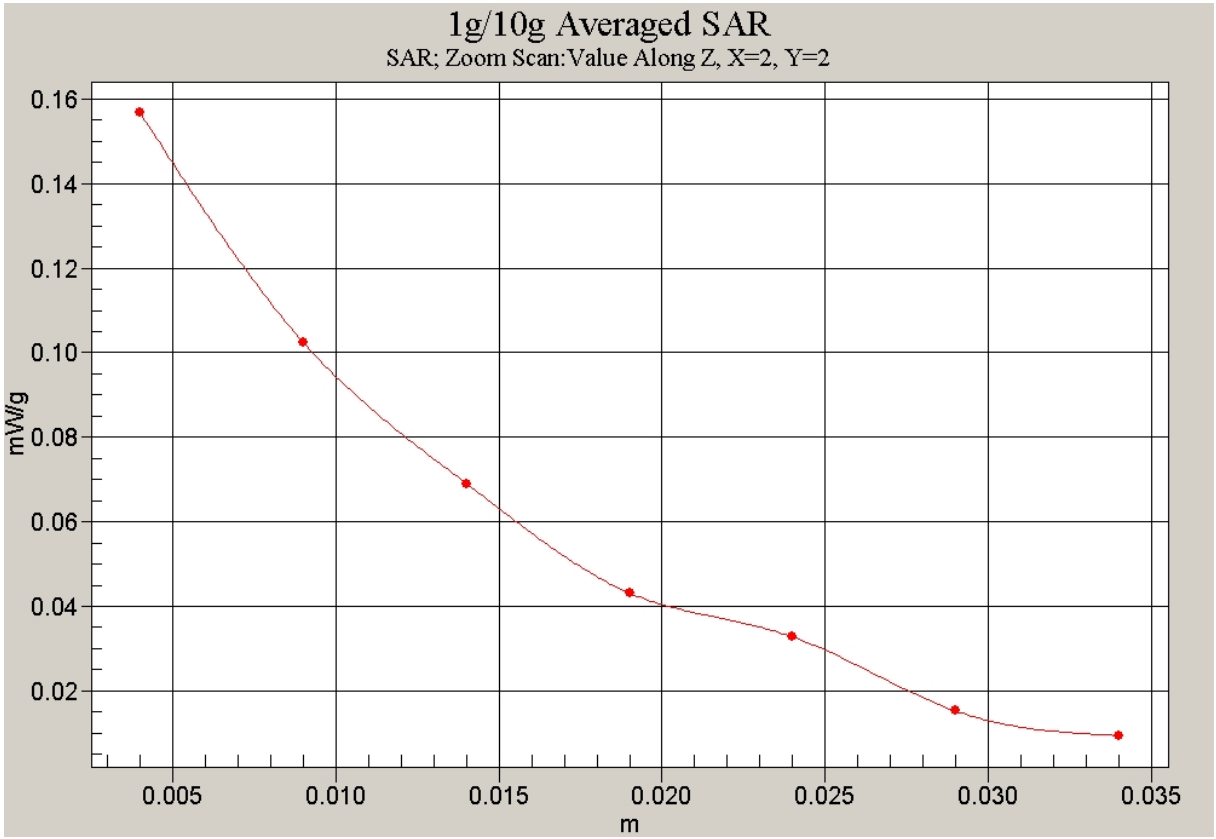


Fig. 38 Z-Scan at power reference point (PCS 1900 CH661 Test Position4)

1900 Test Position 5 with DELL 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) = 0.064 mW/g

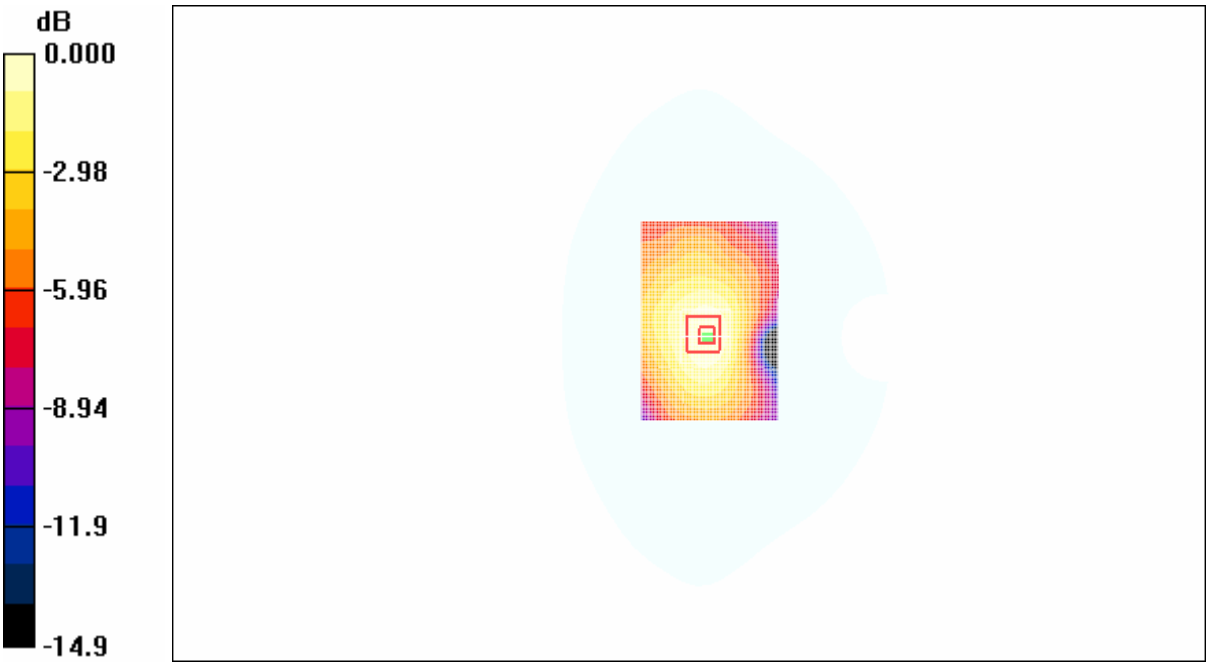
Test Position 5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.04 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.038 mW/g

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



0 dB = 0.062mW/g

Fig. 39 PCS 1900 CH661 Test Position 5

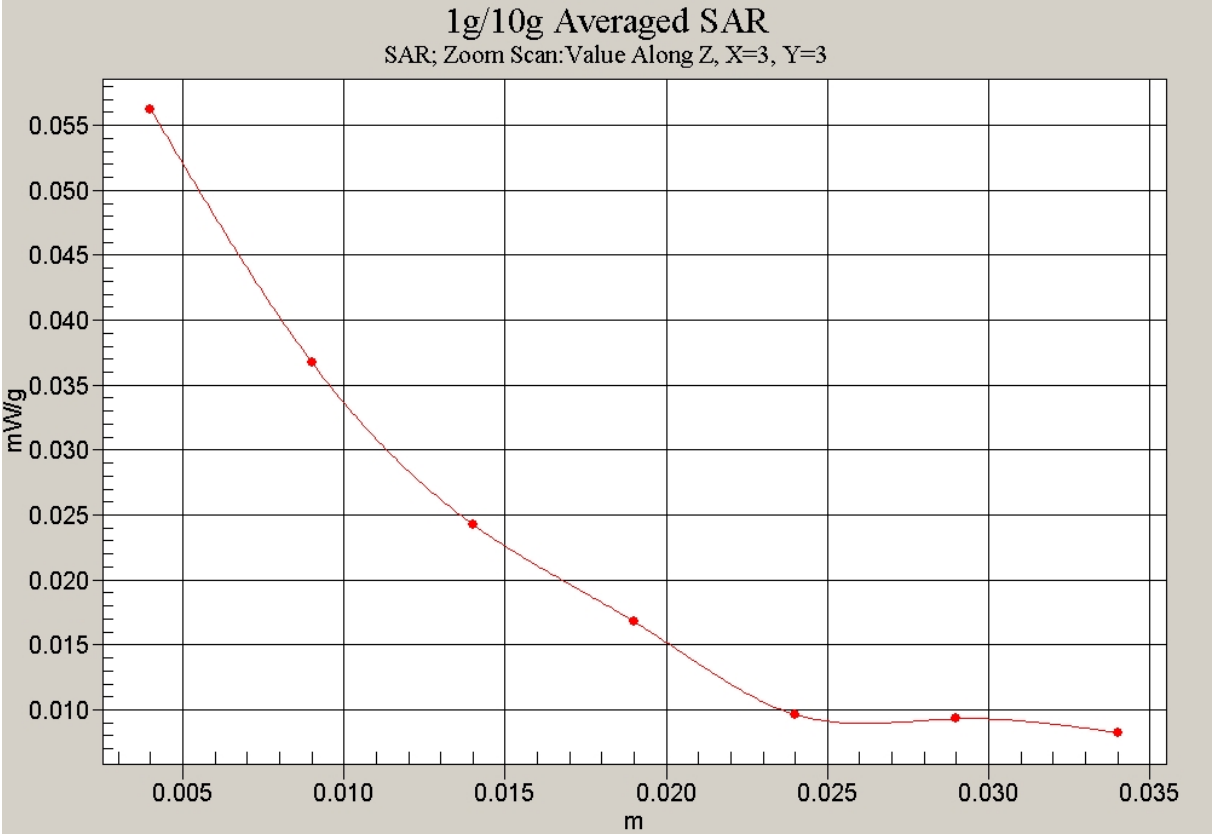


Fig. 40 Z-Scan at power reference point (PCS 1900 CH661 Test Position 5)

1900 GPRS Test Position 1 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 1/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.843 mW/g

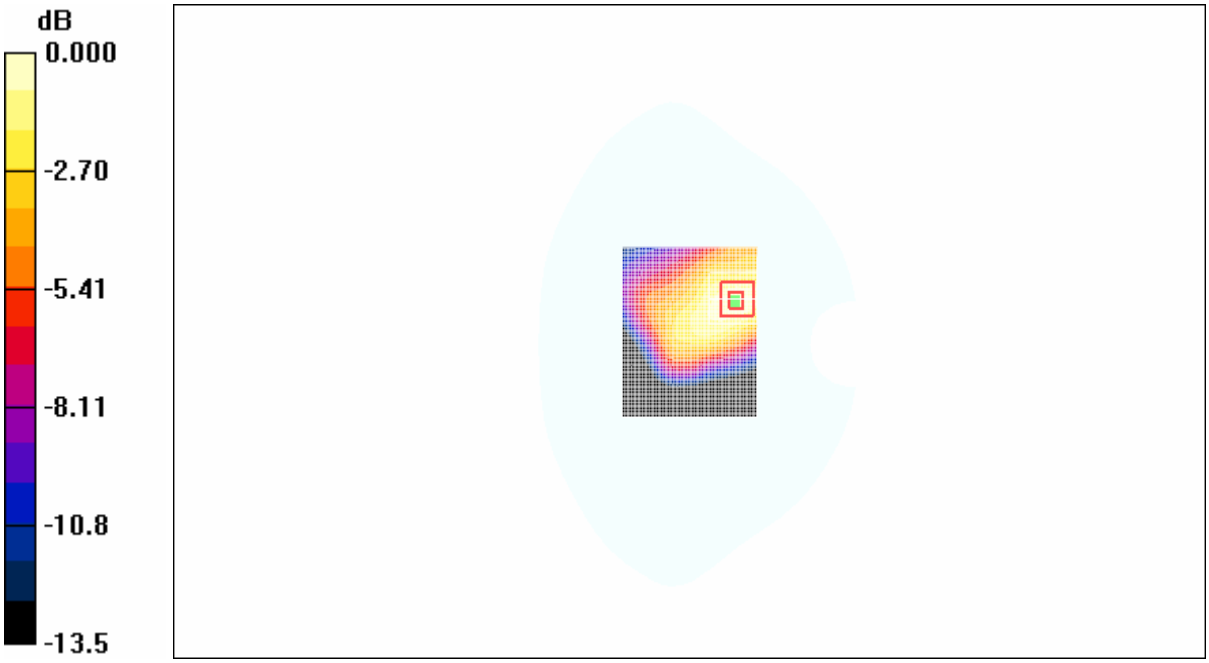
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 0.870 mW/g



0 dB = 0.870mW/g

Fig. 41 PCS 1900 GPRS CH661 Test Position 1

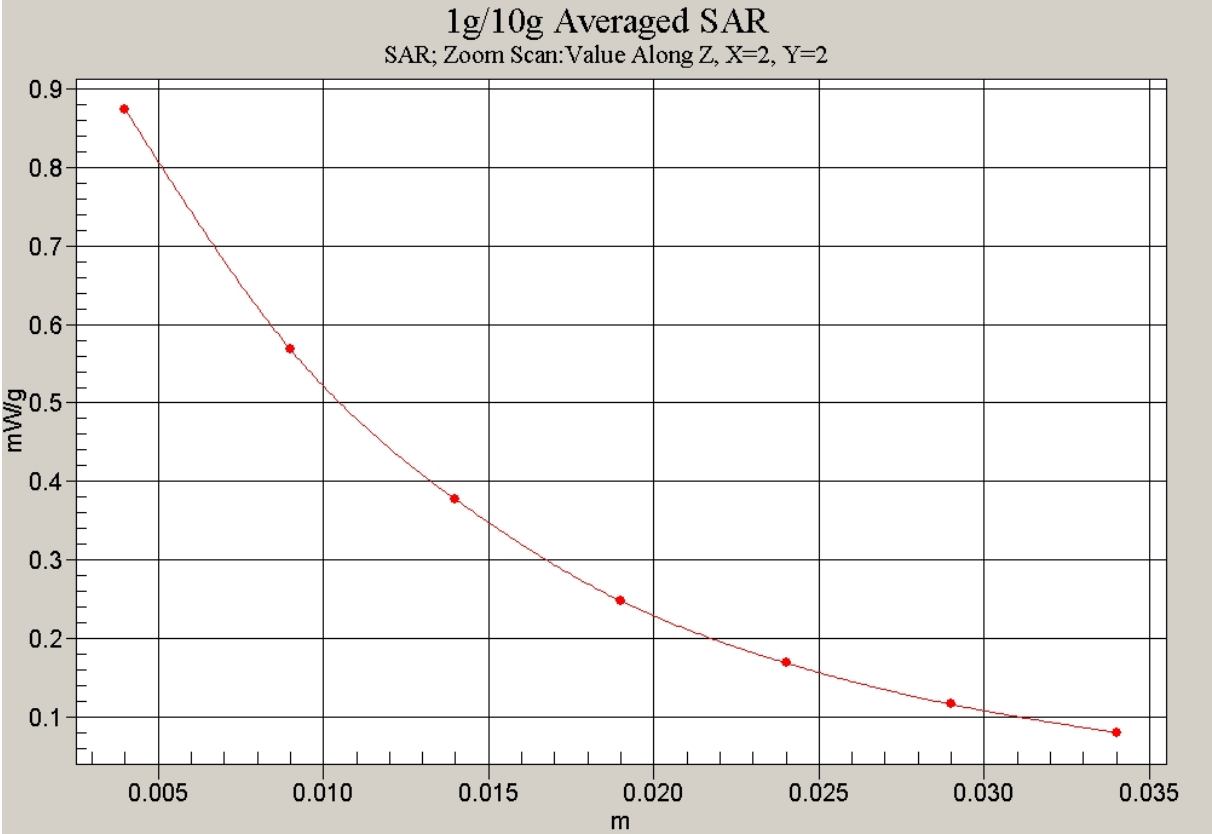


Fig.42 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position 1)

1900 GPRS Test Position 2 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 2/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.591 mW/g

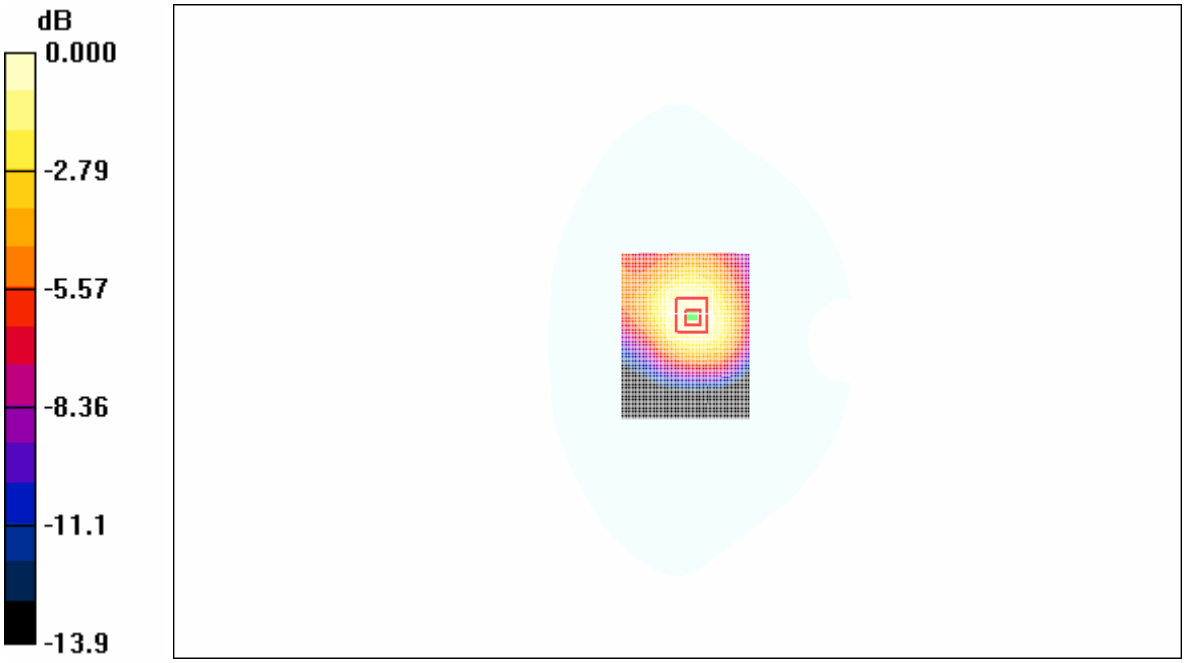
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.903 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.579mW/g

Fig.43 PCS 1900 GPRS CH661 Test Position 2

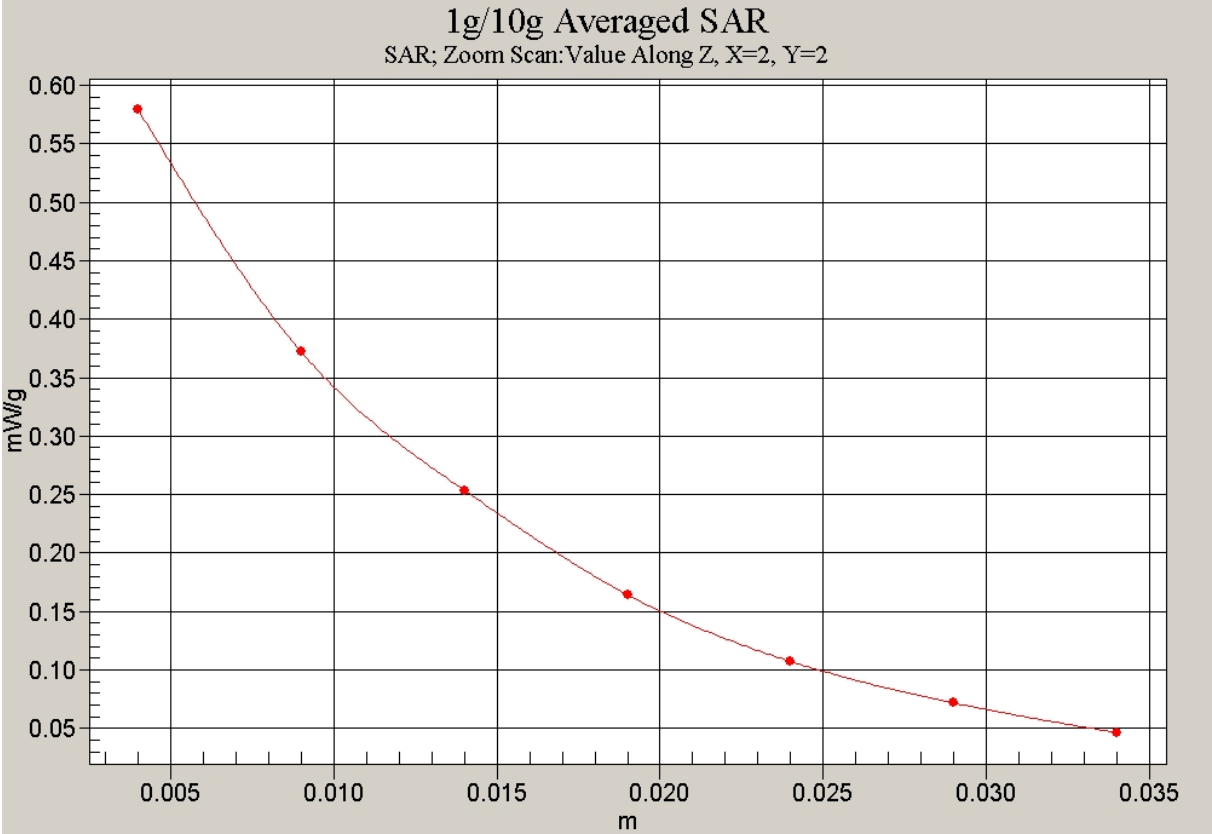


Fig.44 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position 2)

1900 GPRS Test Position 3 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 3/Area Scan (71x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.340 mW/g

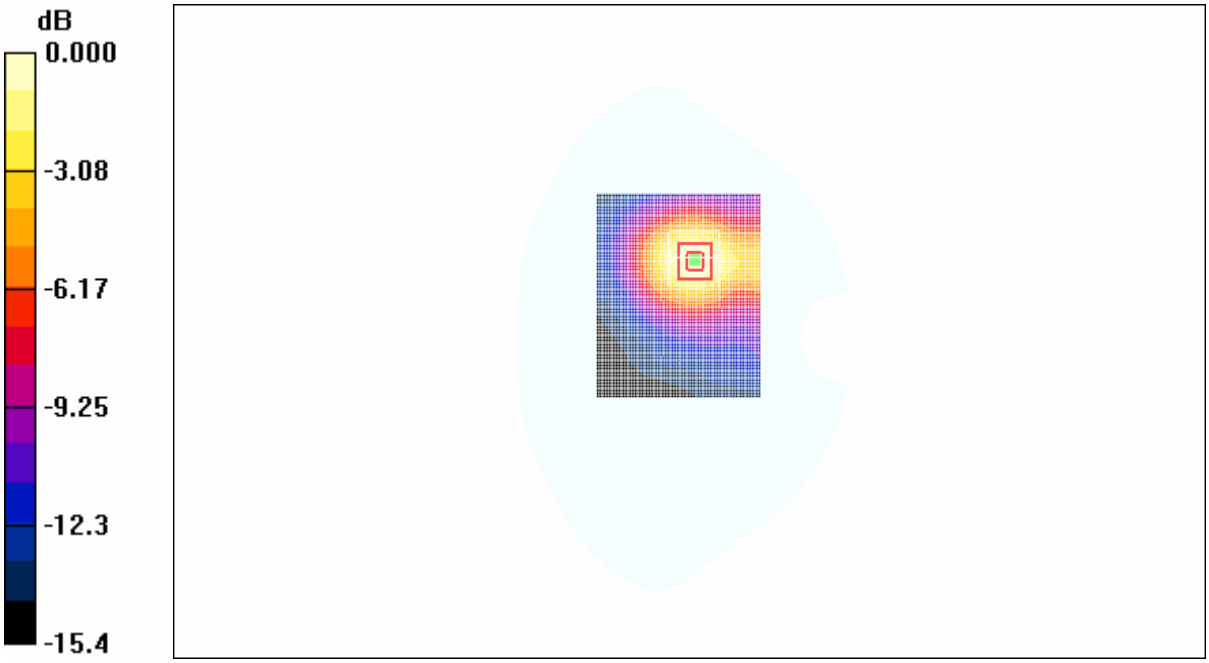
Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.07 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.320 mW/g



0 dB = 0.320mW/g

Fig.45 PCS 1900 GPRS CH661 Test Position 3

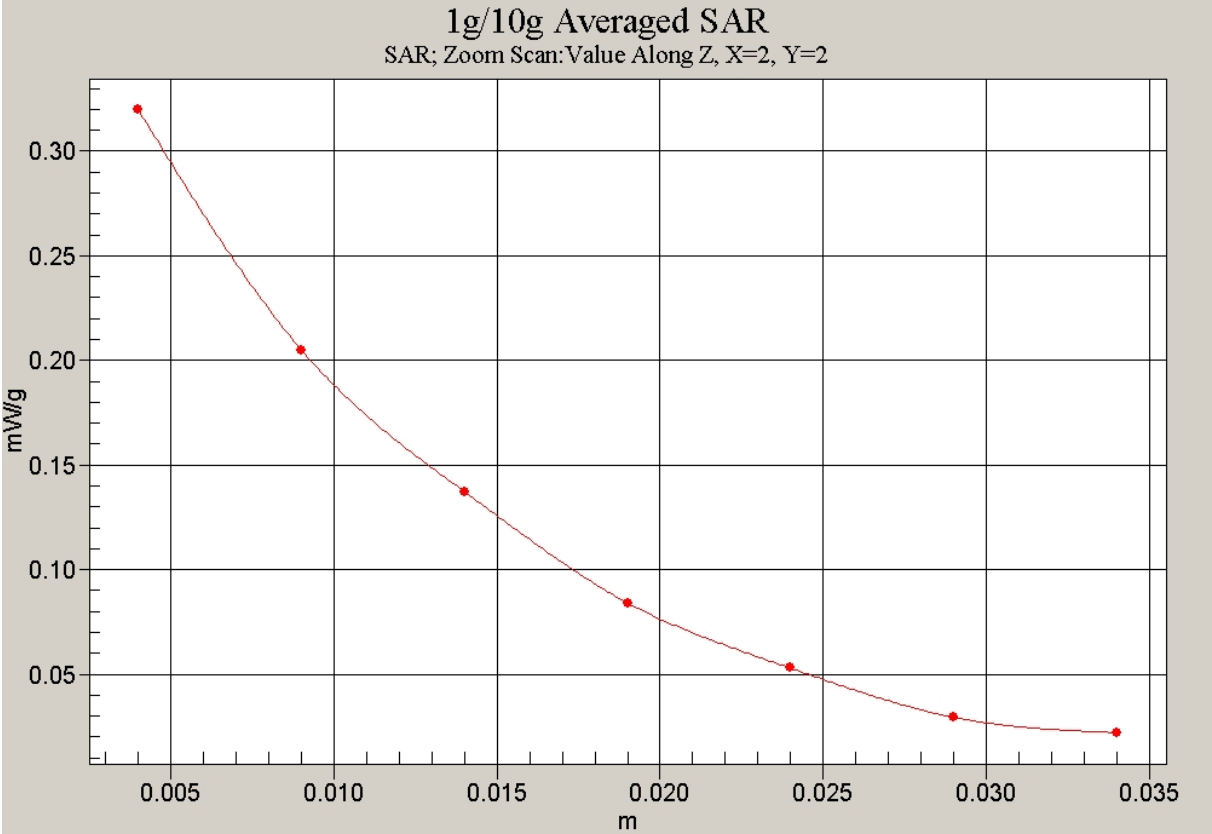


Fig.46 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position3)

1900 GPRS 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) = 0.283 mW/g

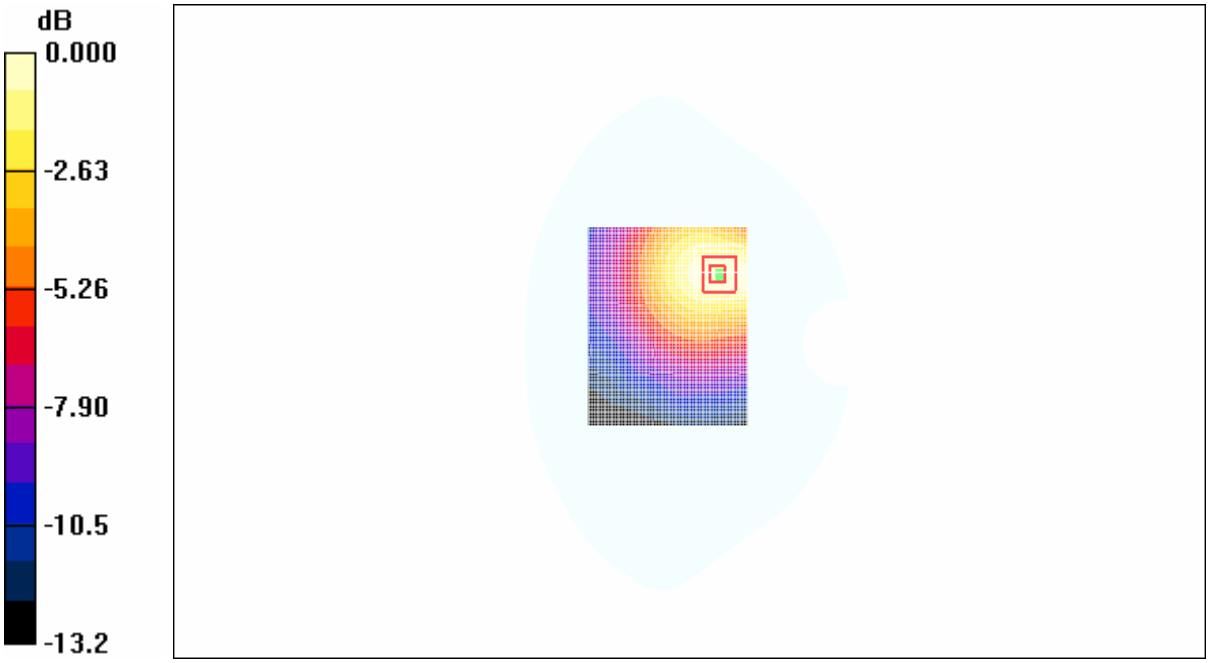
Test Position 4/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.47 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.289mW/g

Fig. 47 PCS 1900 GPRS CH661 Test Position 4

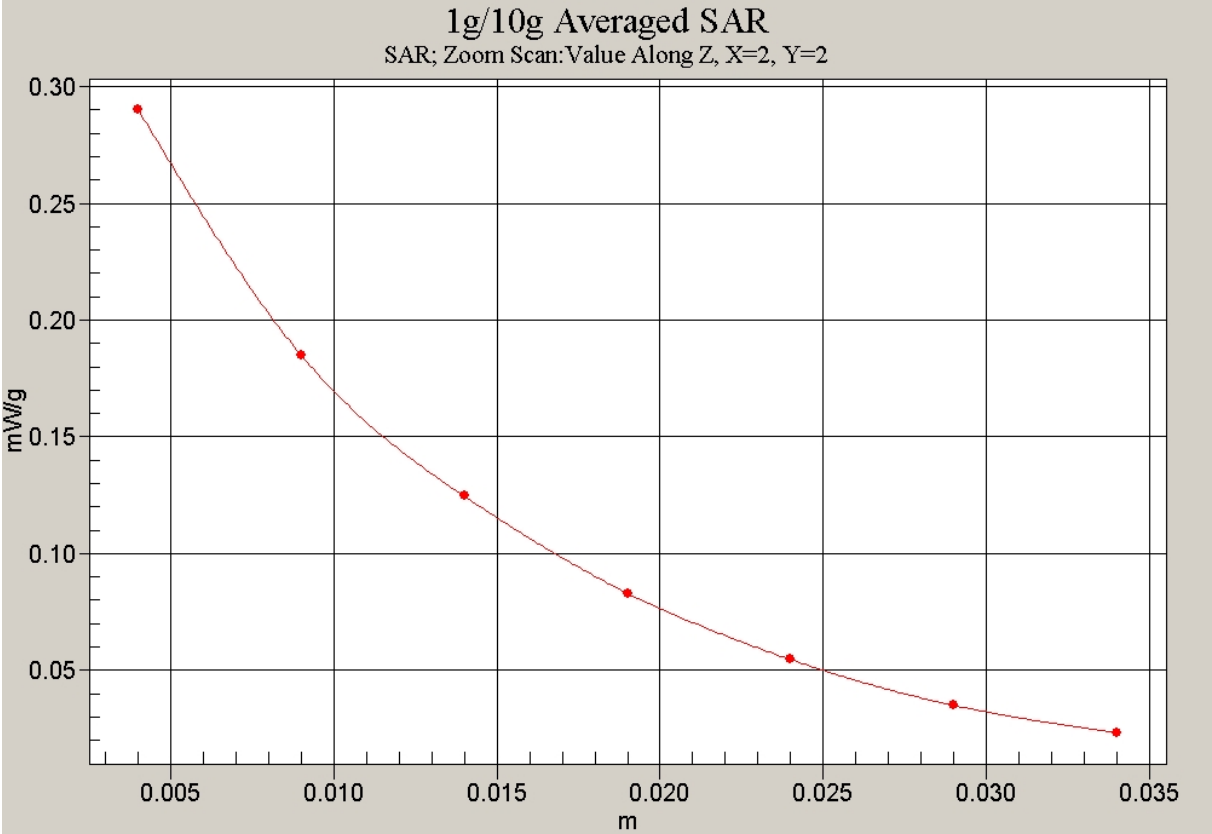


Fig.48 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position 4)

1900 GPRS 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) = 0.116 mW/g

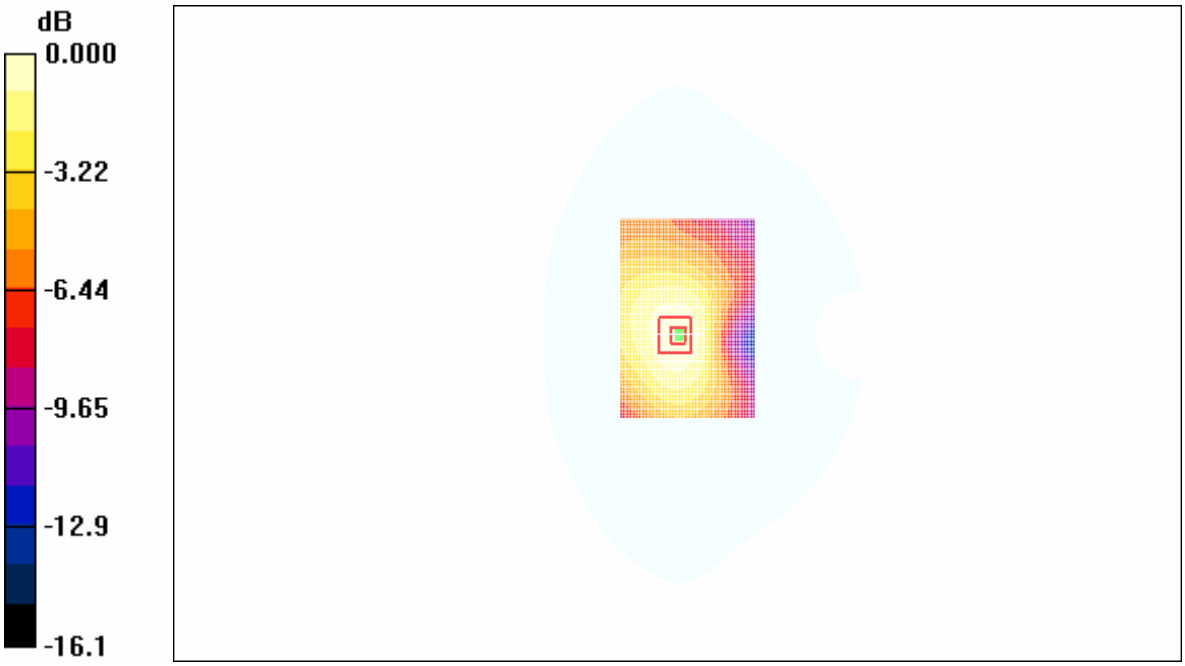
Test Position 5/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.52 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.115 mW/g



0 dB = 0.115mW/g

Fig. 49 PCS 1900 GPRS CH661 Test Position 5

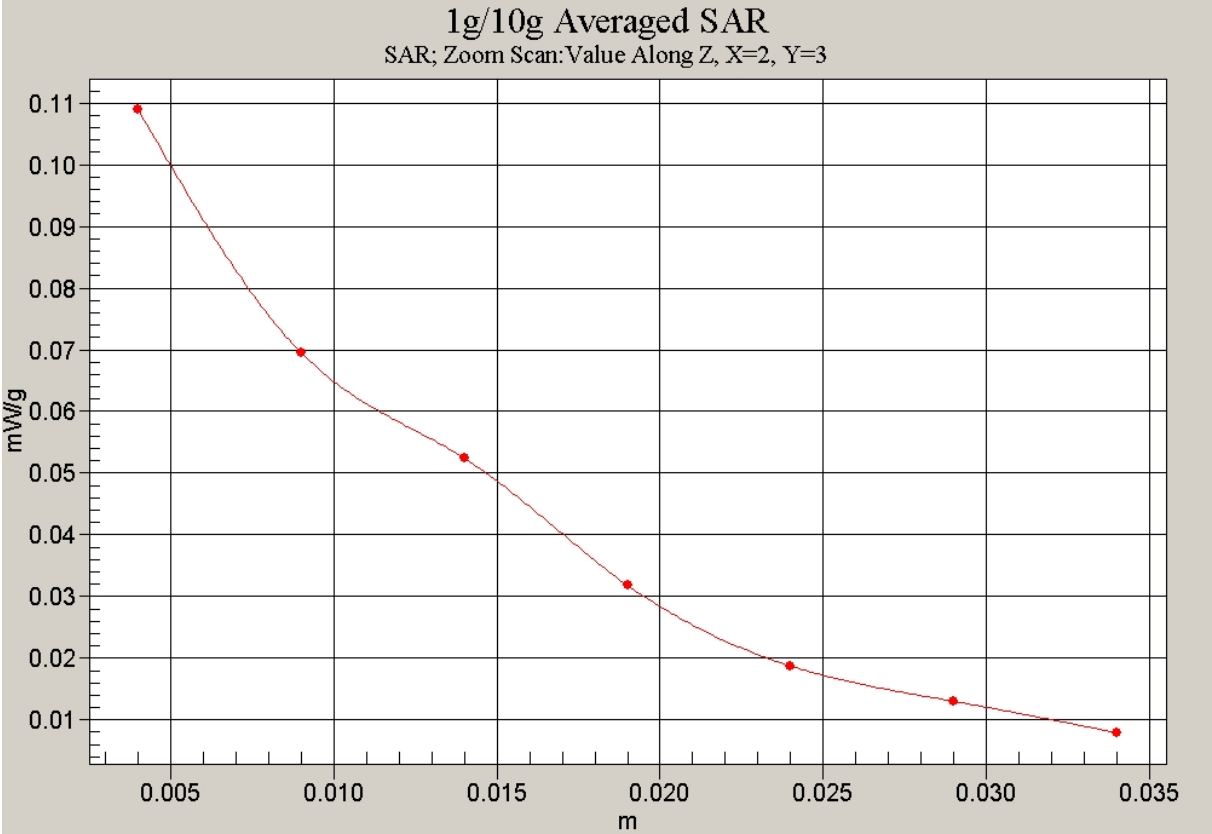


Fig.50 Z-Scan at power reference point (PCS 1900 GPRS CH661 Test Position 5)

1900 EGPRS Test Position 1 with DELL Laptop

Electronics: DAE3 Sn536

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

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.48, 4.48)

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

Maximum value of SAR (interpolated) = 0.308 mW/g

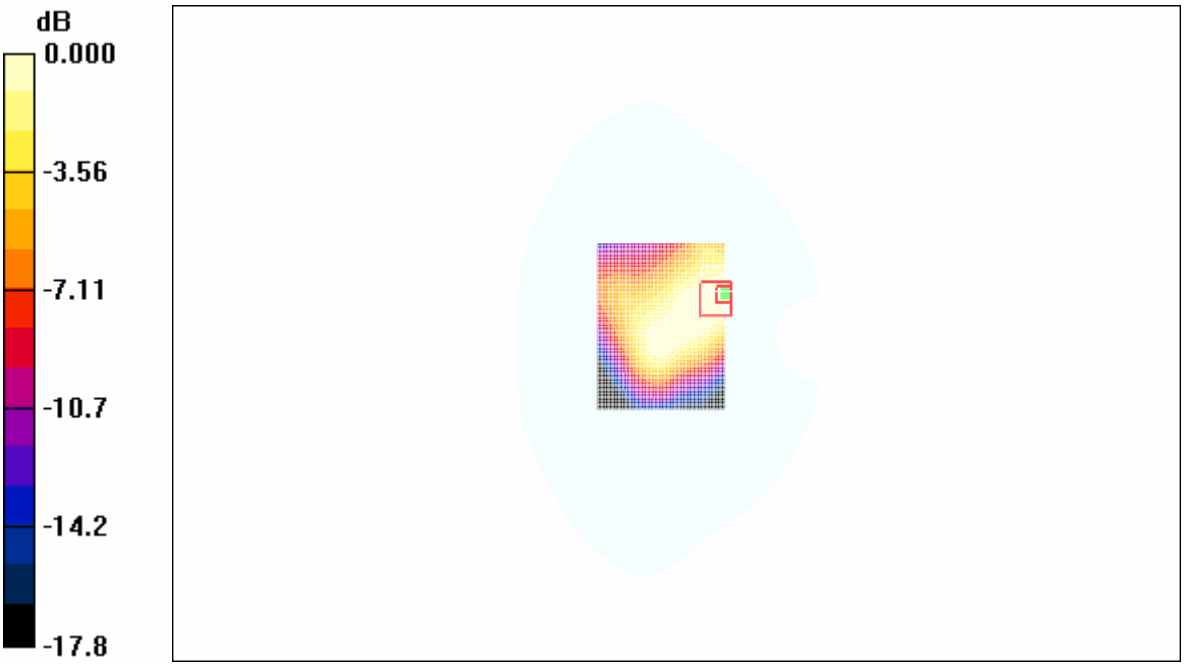
Test Position 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.665 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282mW/g

Fig.51 PCS 1900 EGPRS CH661 Test Position 1

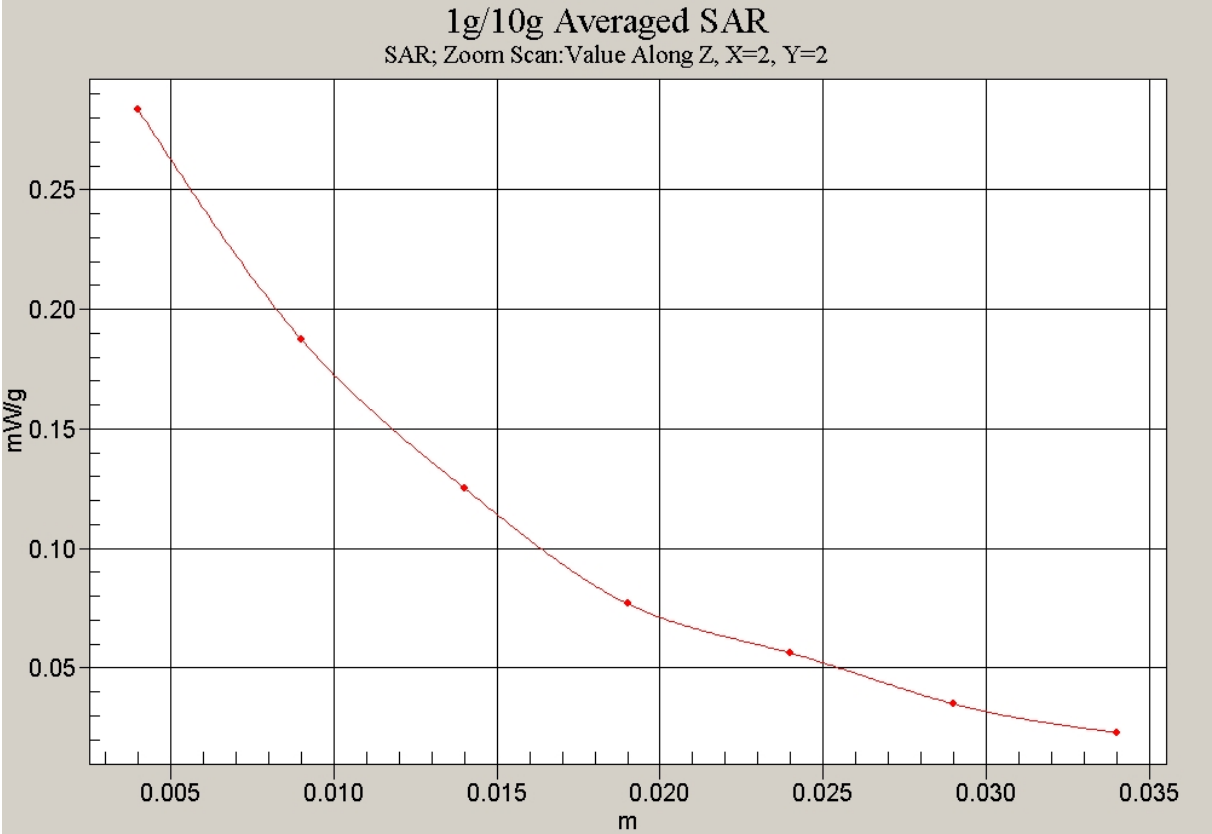


Fig.52 Z-Scan at power reference point (PCS 1900 EGPRS CH661 Test Position 1)

1900 EGPRS Test Position 2 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 2/Area Scan (61x71x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.222 mW/g

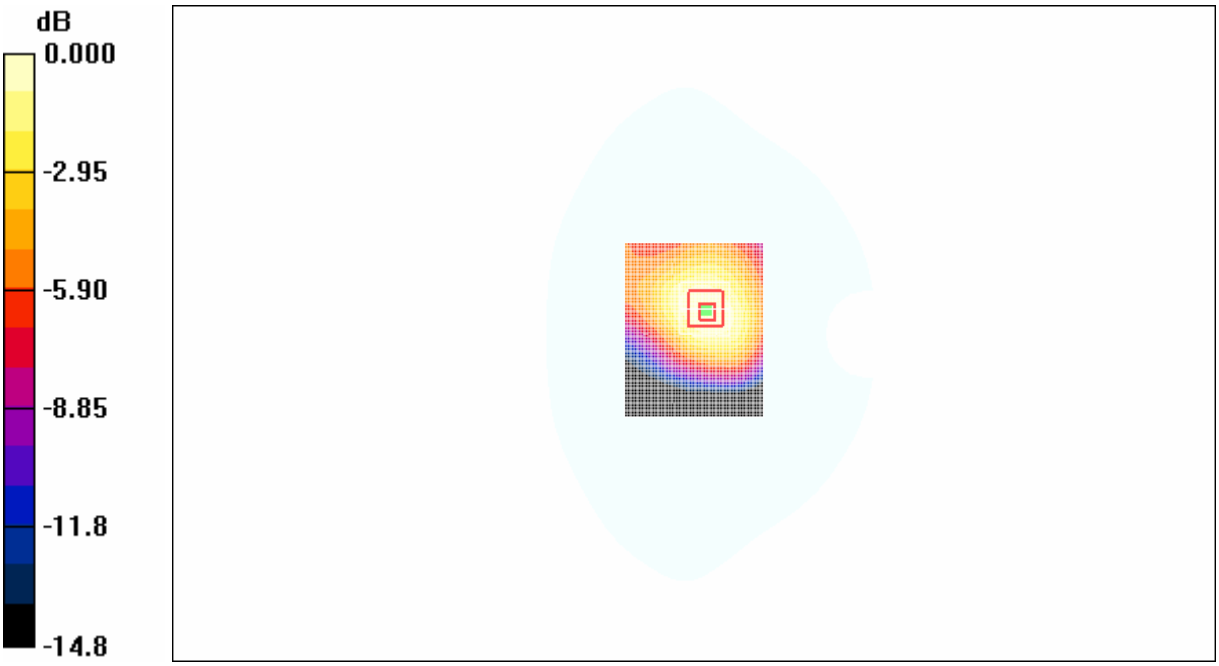
Test Position 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.218mW/g

Fig. 53 PCS 1900 EGPRS CH661 Test Position 2

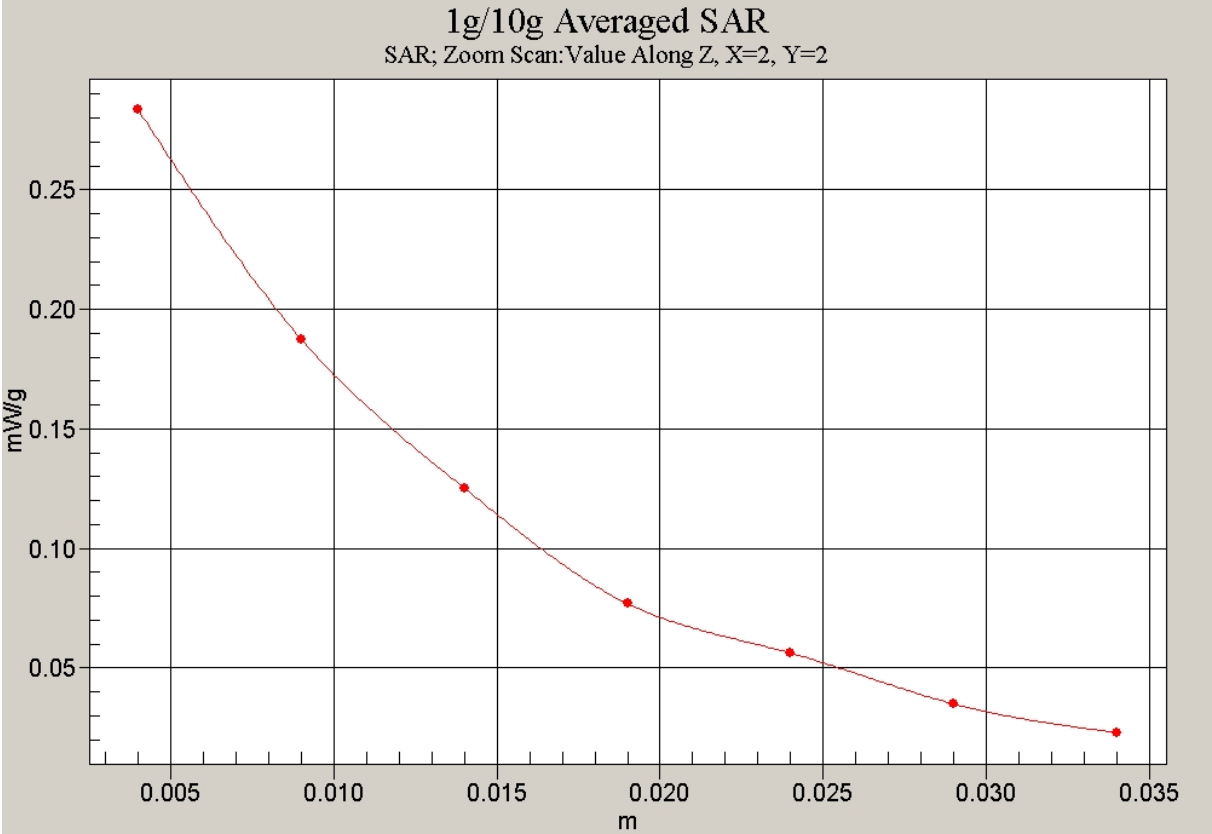


Fig.54 Z-Scan at power reference point (PCS 1900 EGPRS CH661 Test Position 2)

1900 EGPRS Test Position 3 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 3/Area Scan (71x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.133 mW/g

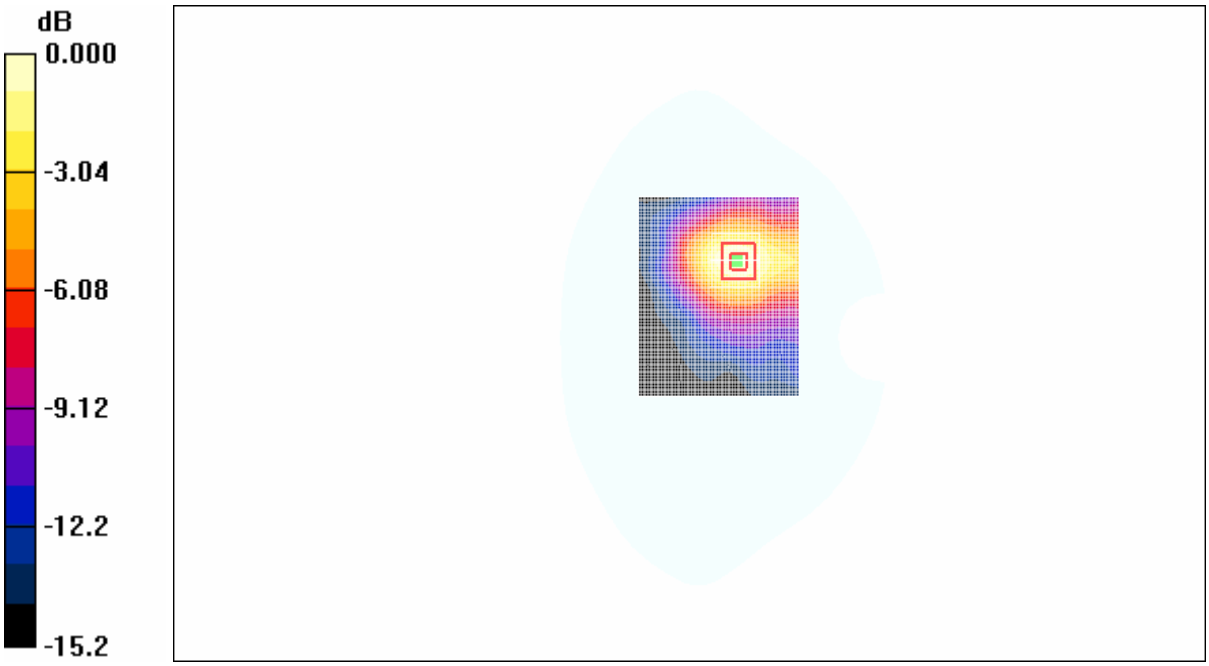
Test Position 3/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.60 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.128 mW/g



0 dB = 0.128mW/g

Fig.55 PCS 1900 EGPRS CH661 Test Position 3

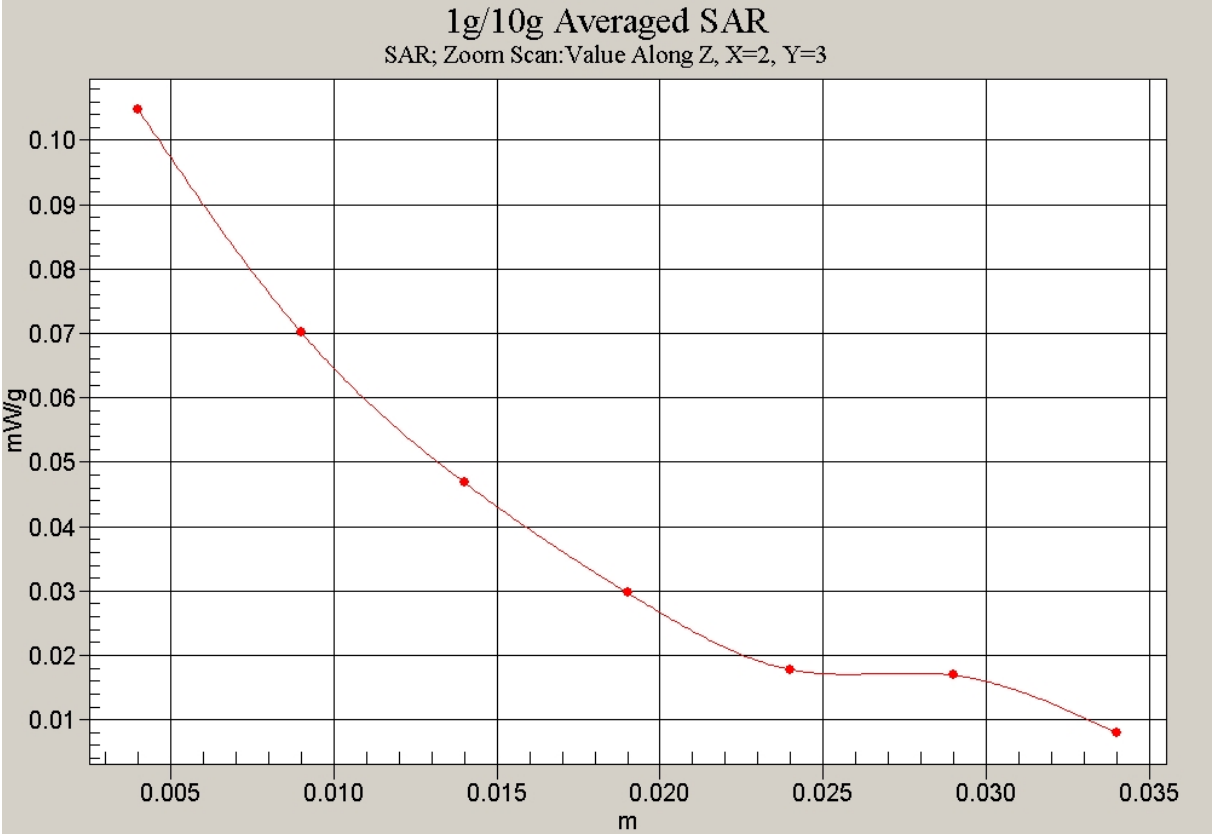


Fig.56 Z-Scan at power reference point (PCS 1900 EGPRS CH661 Test Position 3)