

Figure 19 Z-Scan at power reference point (Left Hand Tilt 15 ° Open GSM 1900 Channel 512)

GSM 1900 Right Cheek High Open

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Cheek High/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 7.07 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.140 mW/g

Maximum value of SAR (measured) = 0.257 mW/g

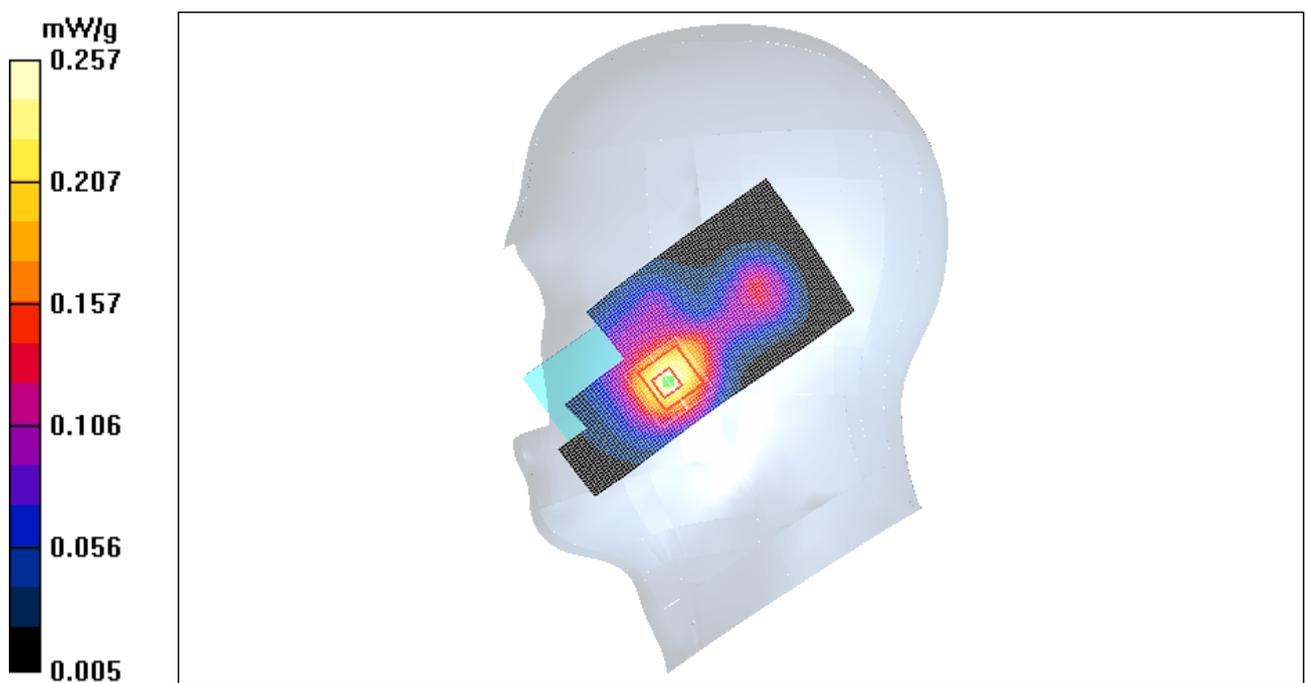


Figure 20 Right Hand Touch Cheek Open GSM 1900 Channel 810

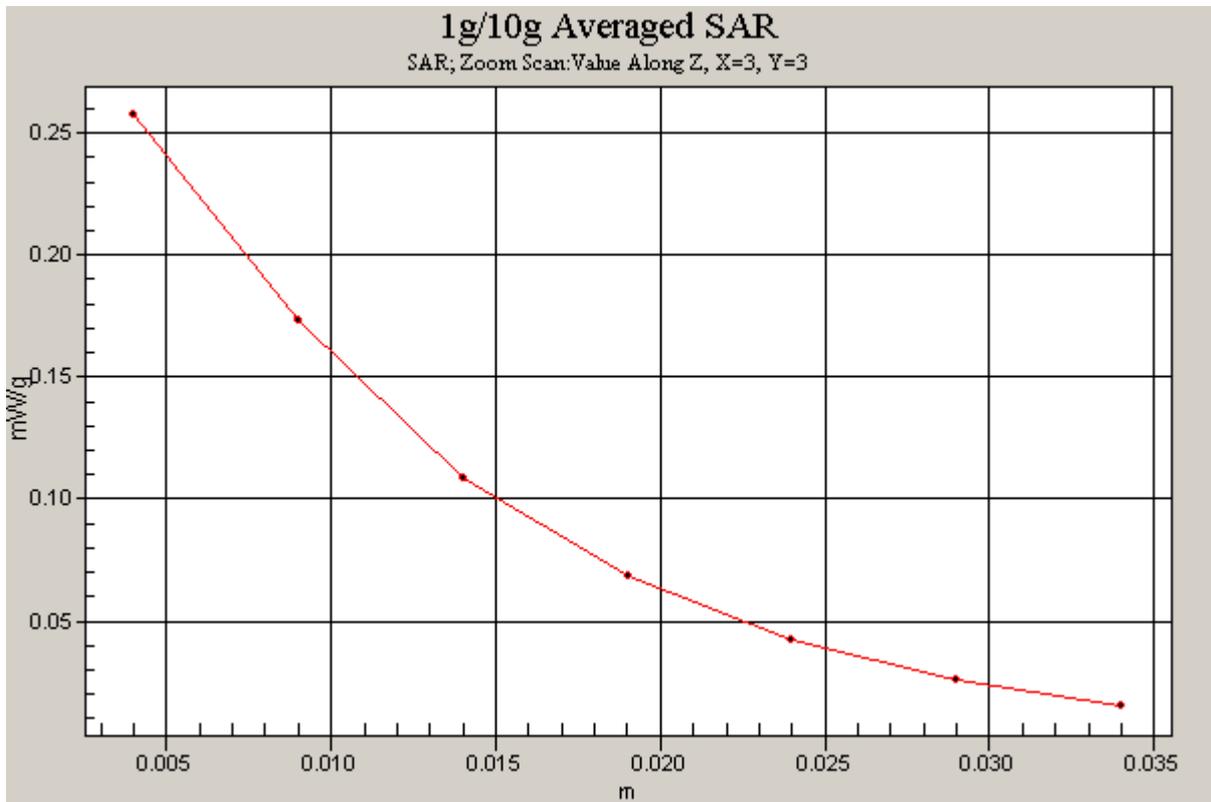


Figure 21 Z-Scan at power reference point (Right Hand Touch Cheek Open GSM 1900 Channel 810)

GSM 1900 Right Cheek Middle Open

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Cheek Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.229 mW/g

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

Reference Value = 6.54 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.132 mW/g

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

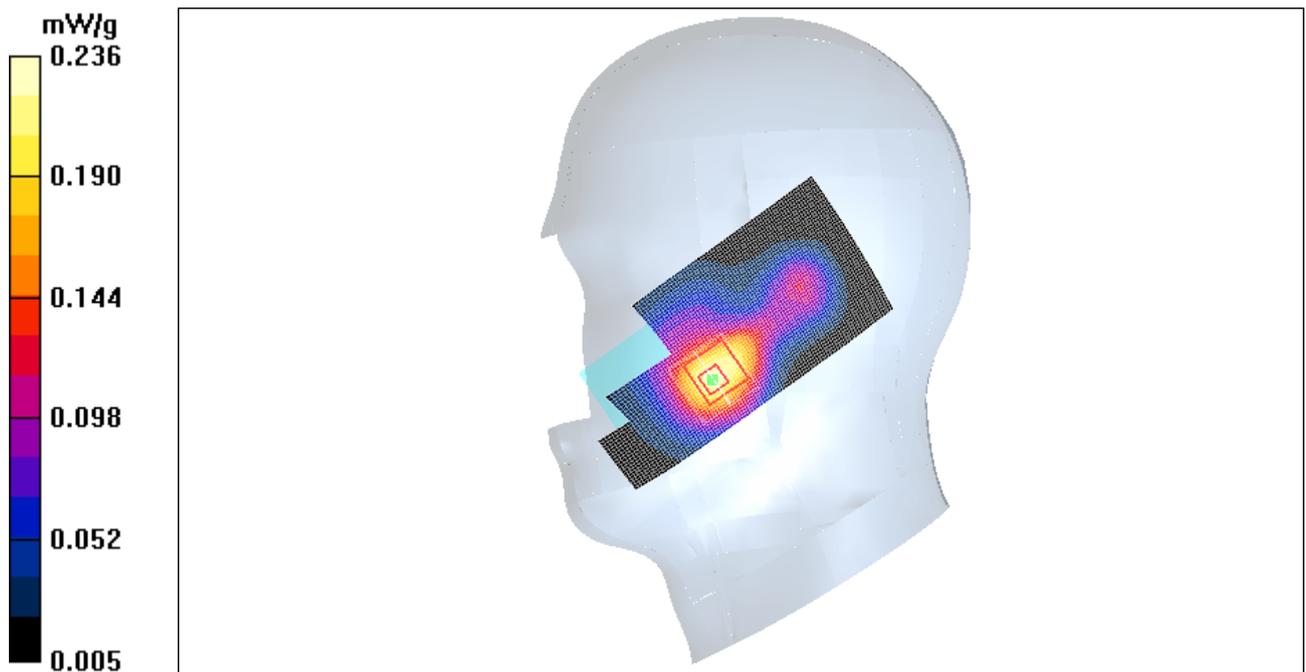


Figure 22 Right Hand Touch Cheek Open GSM 1900 Channel 661

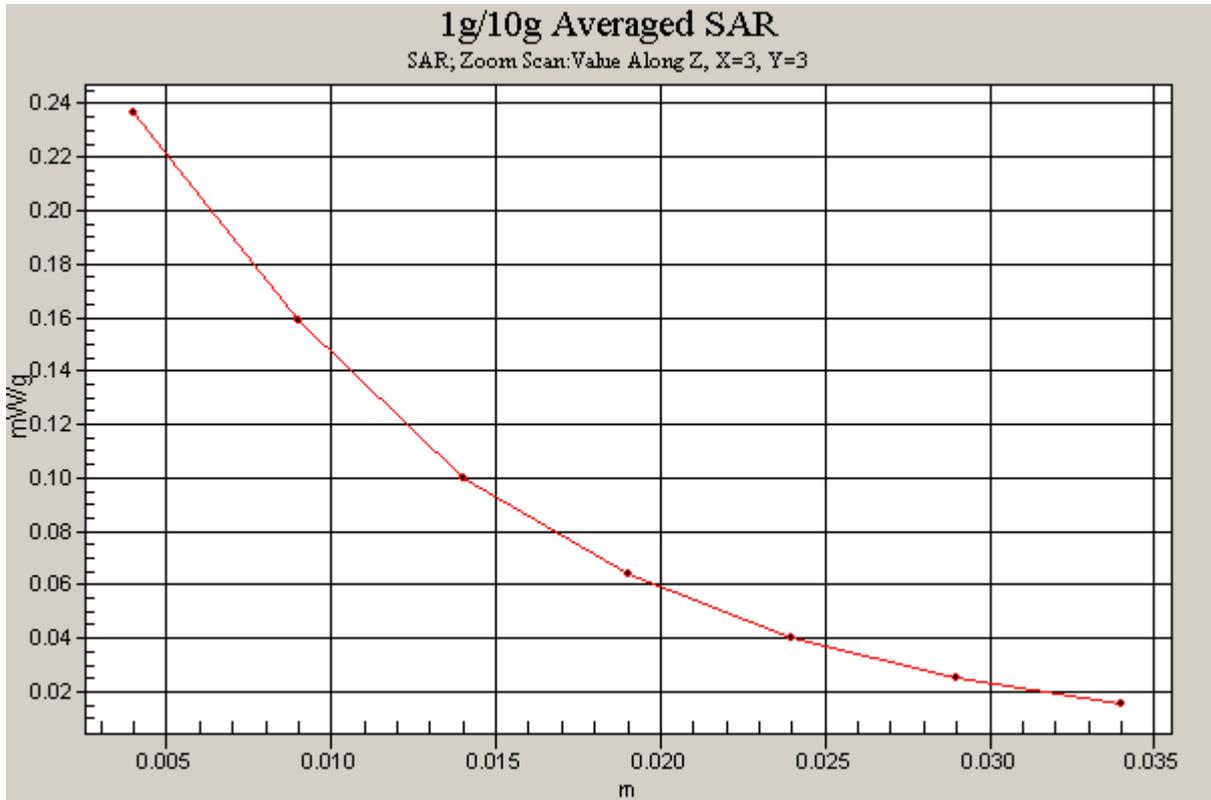


Figure 23 Z-Scan at power reference point (Right Hand Touch Cheek Open GSM 1900 Channel 661)

GSM 1900 Right Cheek Low Open

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Cheek Low/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.230 mW/g

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

Reference Value = 6.41 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.134 mW/g

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

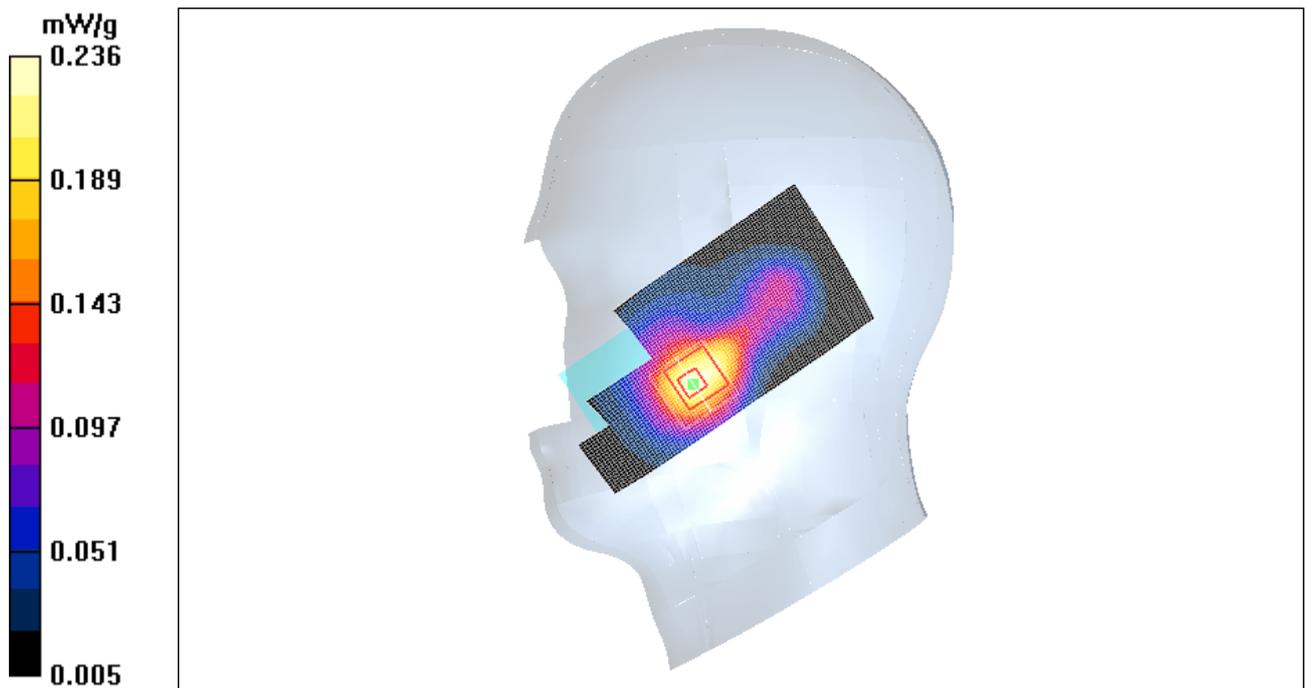


Figure 24 Right Hand Touch Cheek Open GSM 1900 Channel 512

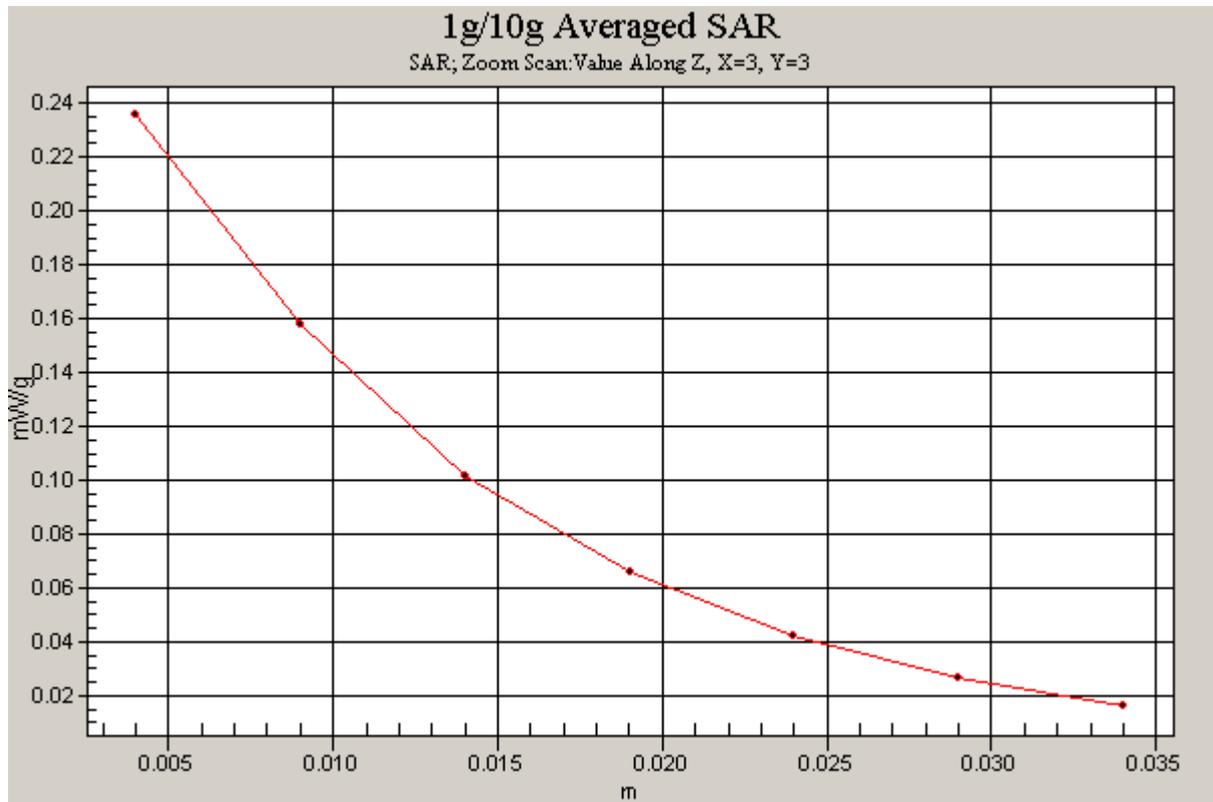


Figure 25 Z-Scan at power reference point (Right Hand Touch Cheek Open GSM 1900 Channel 512)

GSM 1900 Right Tilt High Open

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Tilt High/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.1 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.095 mW/g

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

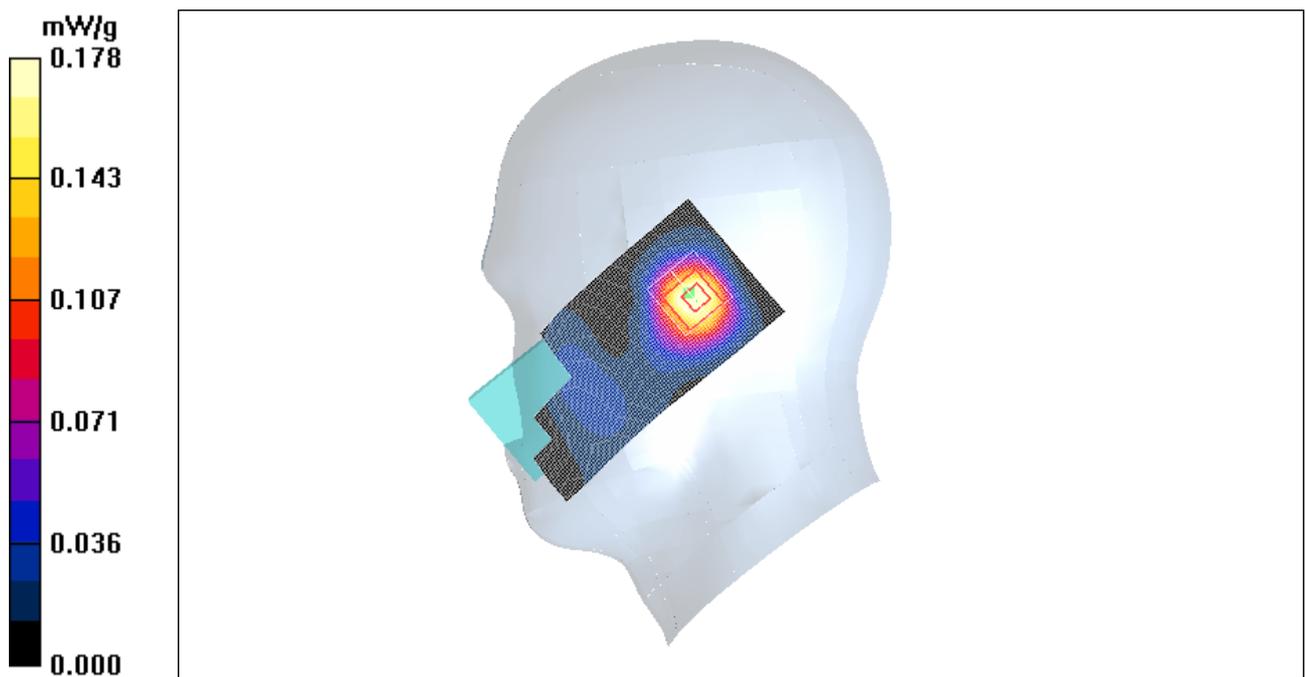


Figure 26 Right Hand Tilt 15 ° Open GSM 1900 Channel 810

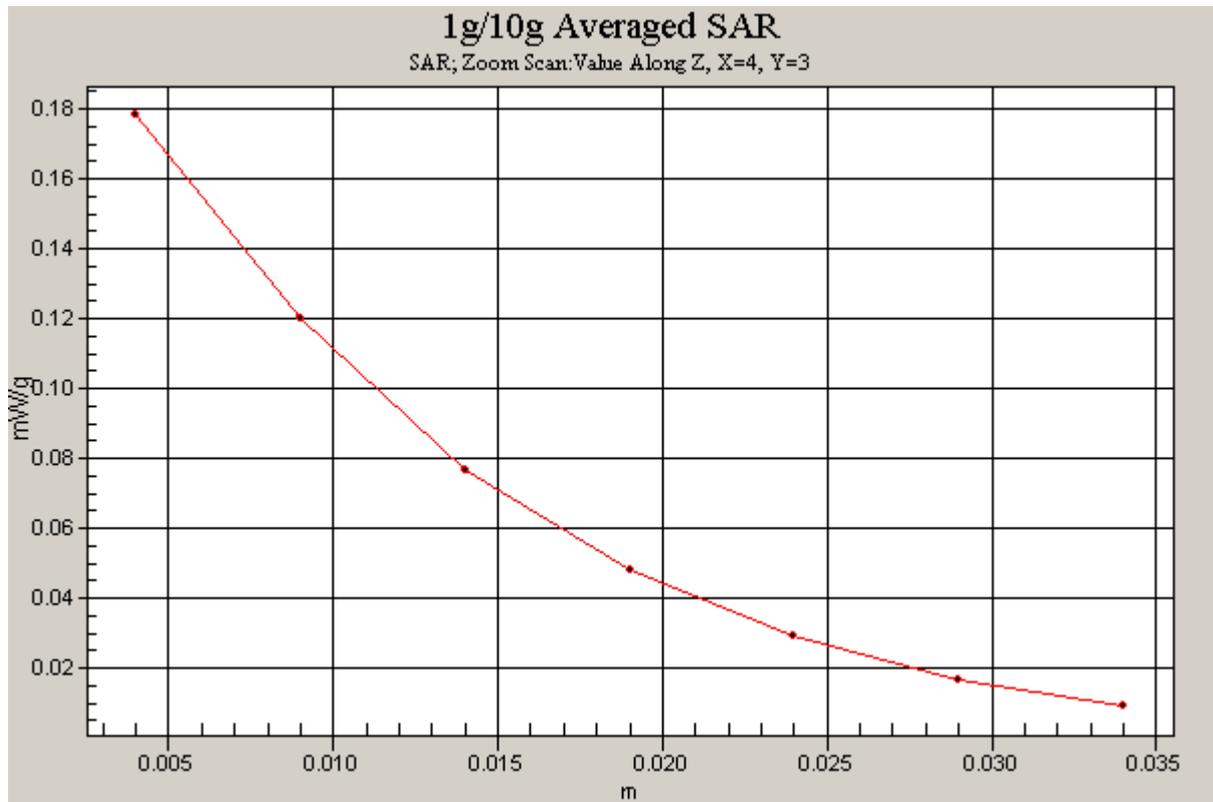


Figure 27 Z-Scan at power reference point (Right Hand Tilt 15 ° Open GSM 1900 Channel 810)

GSM 1900 Right Tilt Middle Open

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Tilt Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.167 mW/g

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

Reference Value = 9.72 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.155 mW/g

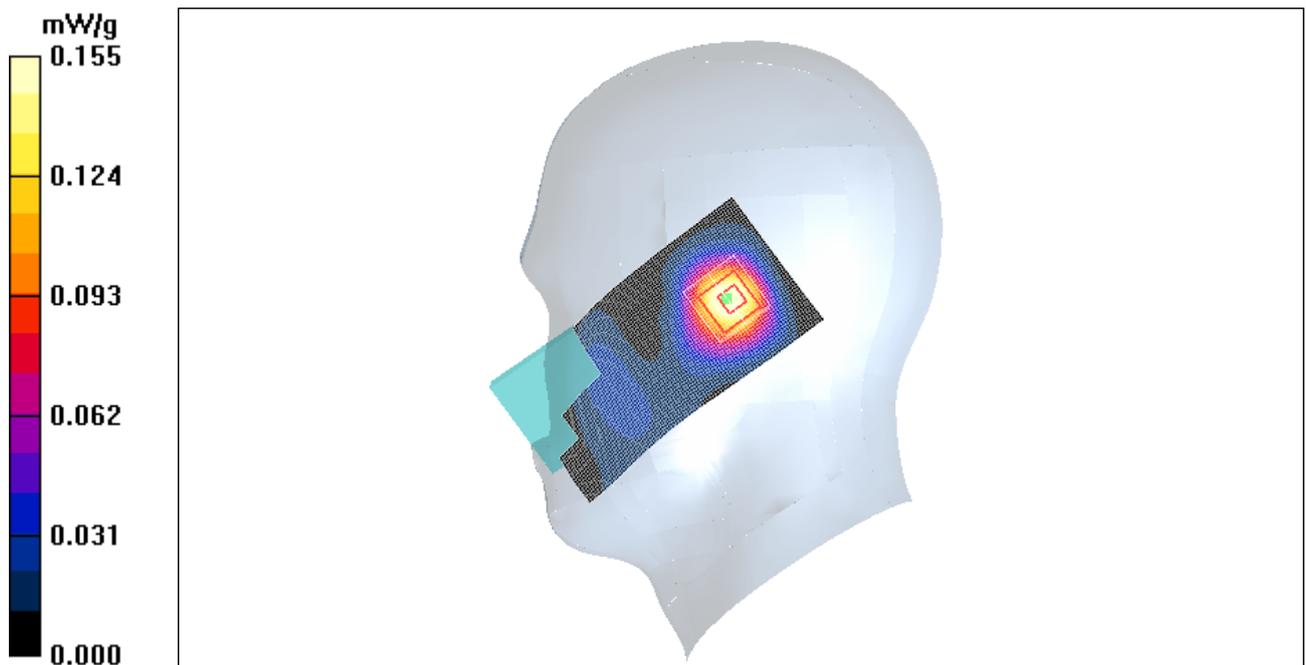


Figure 28 Right Hand Tilt 15 ° Open GSM 1900 Channel 661

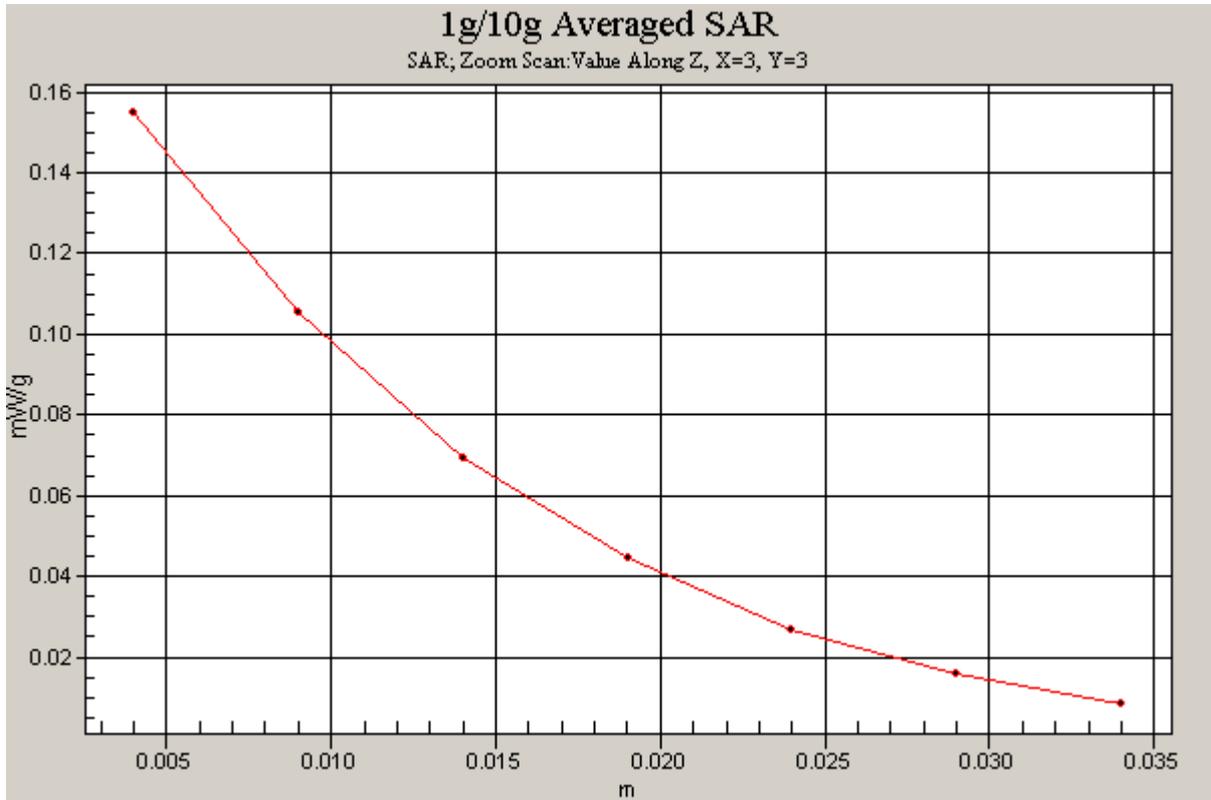


Figure 29 Z-Scan at power reference point (Right Hand Tilt 15 ° Open GSM 1900 Channel 661)

GSM 1900 Right Tilt Low Open

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Tilt Low/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.174 mW/g

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

Reference Value = 9.94 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.212 W/kg

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

Maximum value of SAR (measured) = 0.167 mW/g

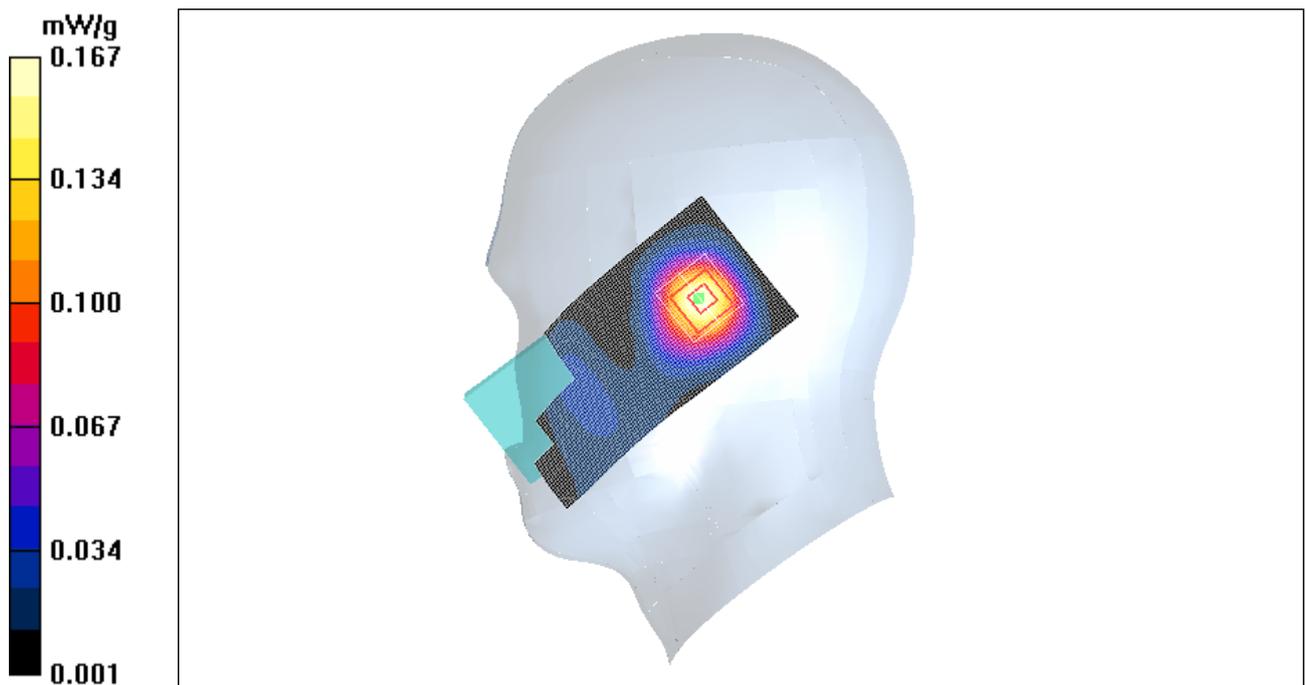


Figure 30 Right Hand Tilt 15 ° Open GSM 1900 Channel 512

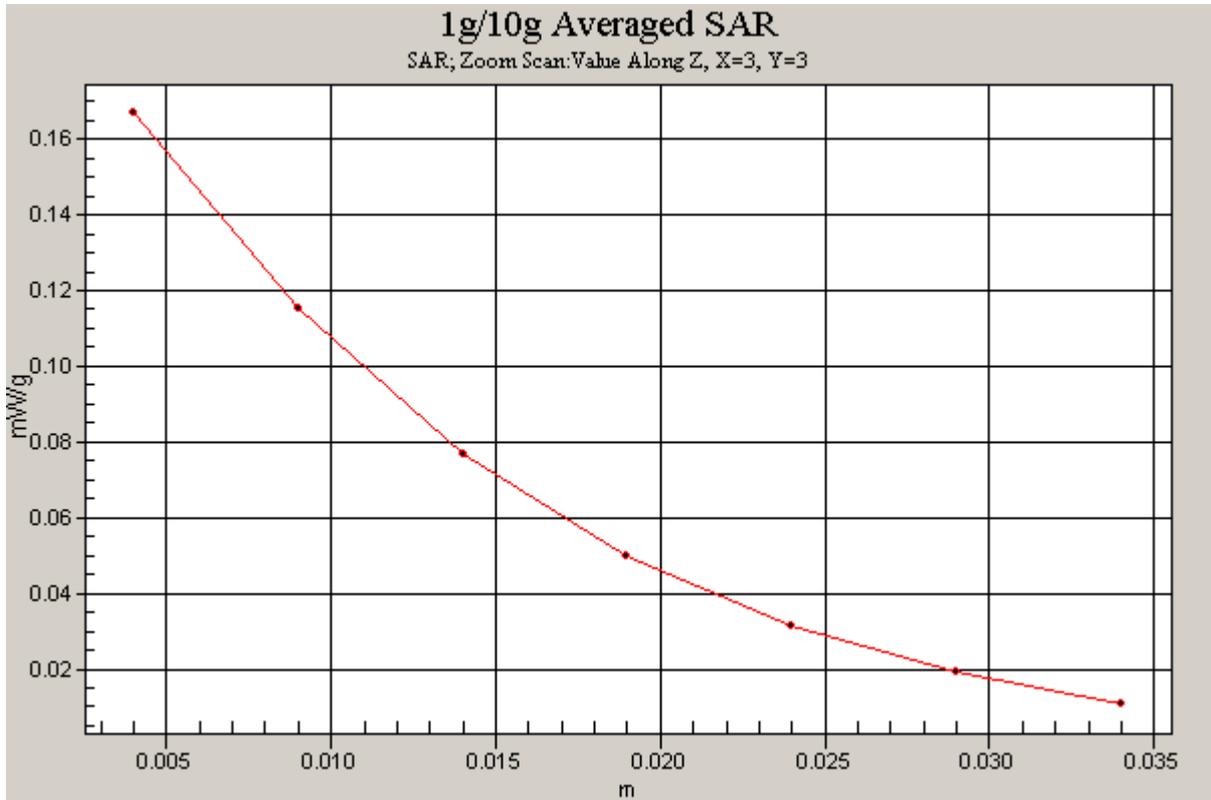


Figure 31 Z-Scan at power reference point (Right Hand Tilt 15 ° Open GSM 1900 Channel 512)

GSM 1900 Towards Ground High Open

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground High/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.374 mW/g

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

Reference Value = 7.13 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.504 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.192 mW/g

Maximum value of SAR (measured) = 0.357 mW/g

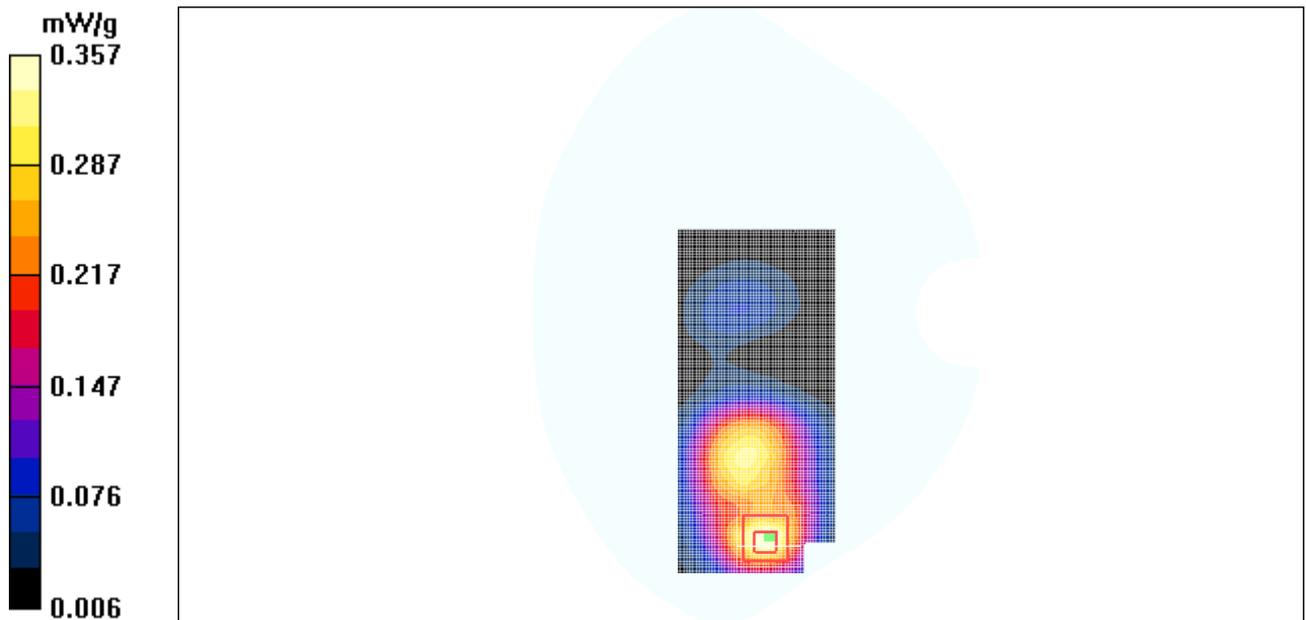


Figure 32 Body, Towards Ground, Open GSM 1900 Channel 810

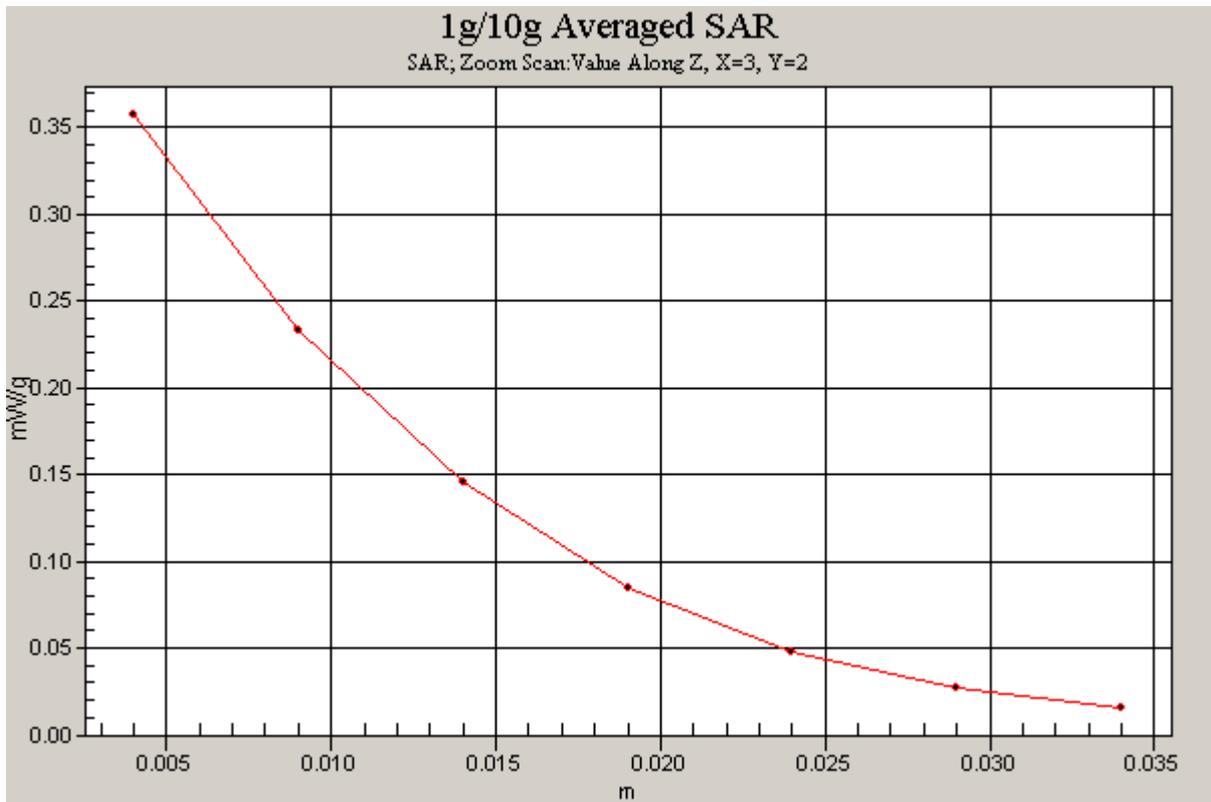


Figure 33 Z-Scan at power reference point (Body, Towards Ground, Open GSM 1900 Channel 810)

GSM 1900 Towards Ground Middle Open

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.321 mW/g

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

Reference Value = 7.28 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.311 mW/g

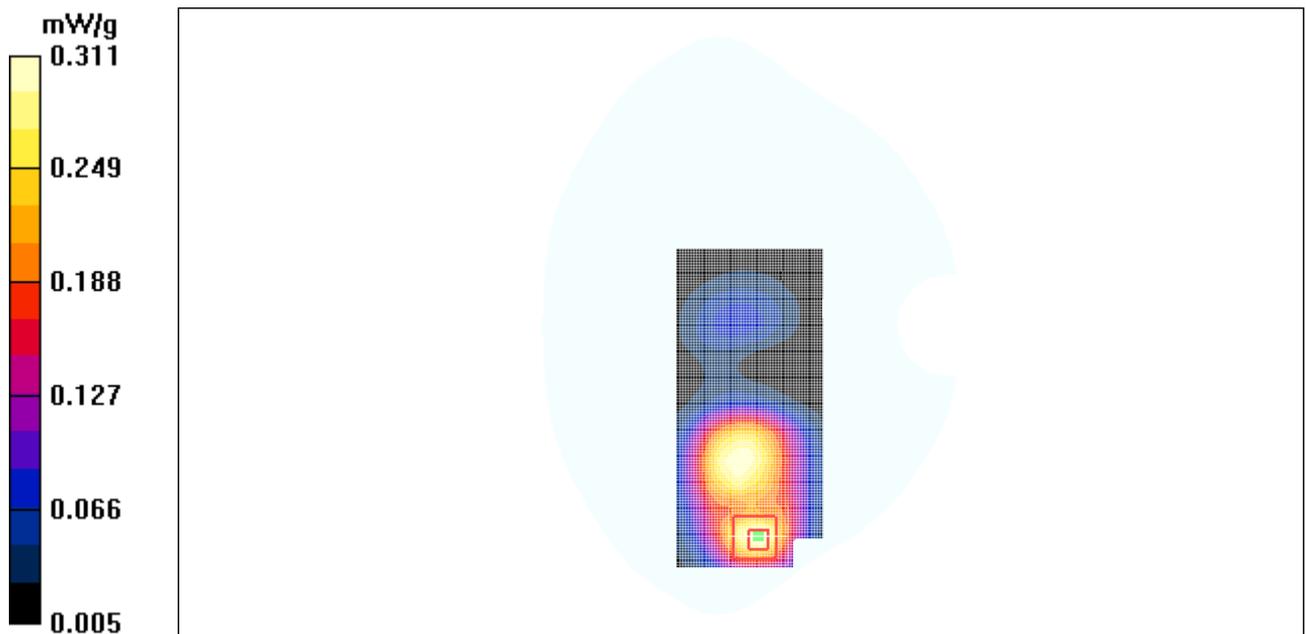


Figure 34 Body, Towards Ground, Open GSM 1900 Channel 661

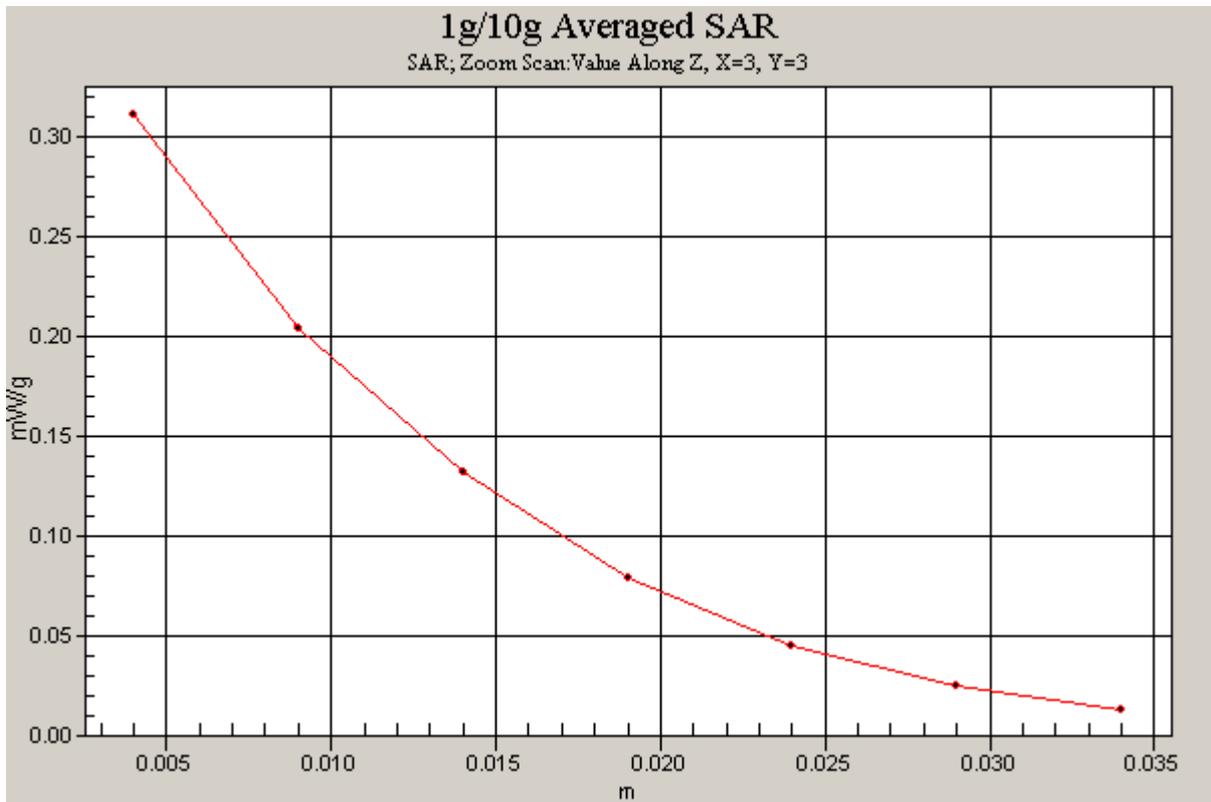


Figure 35 Z-Scan at power reference point (Body, Towards Ground, Open GSM 1900 Channel 661)

GSM 1900 Towards Ground Low Open

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground Low/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.323 mW/g

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

Reference Value = 7.96 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.190 mW/g

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

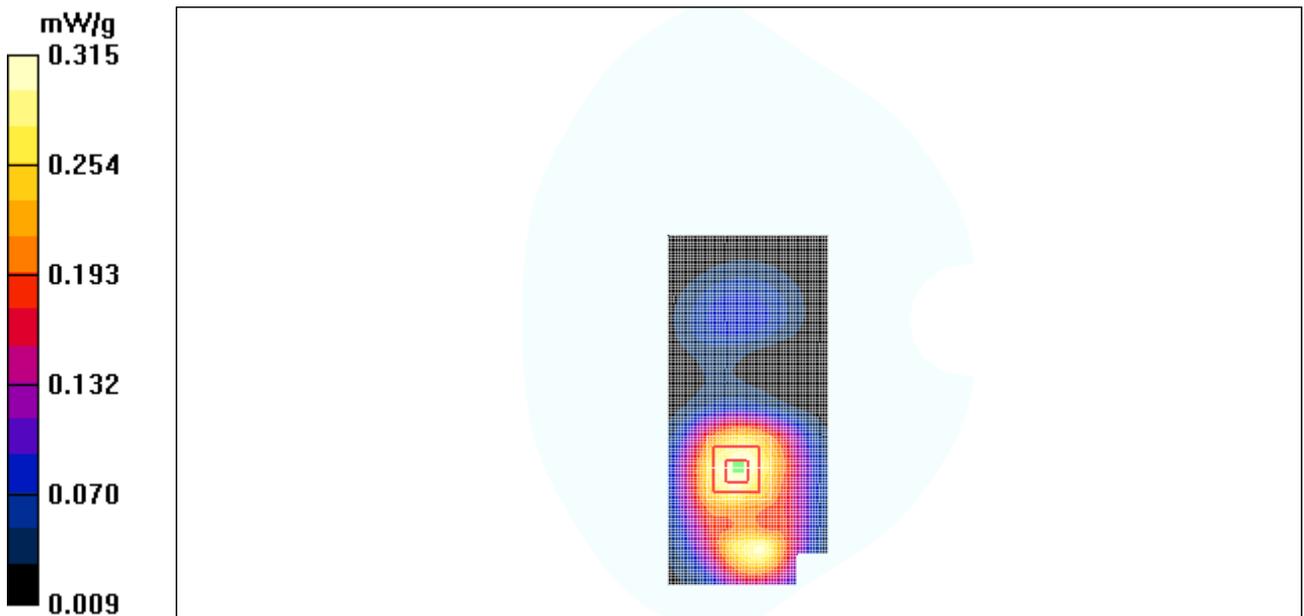


Figure 36 Body, Towards Ground, Open GSM 1900 Channel 512

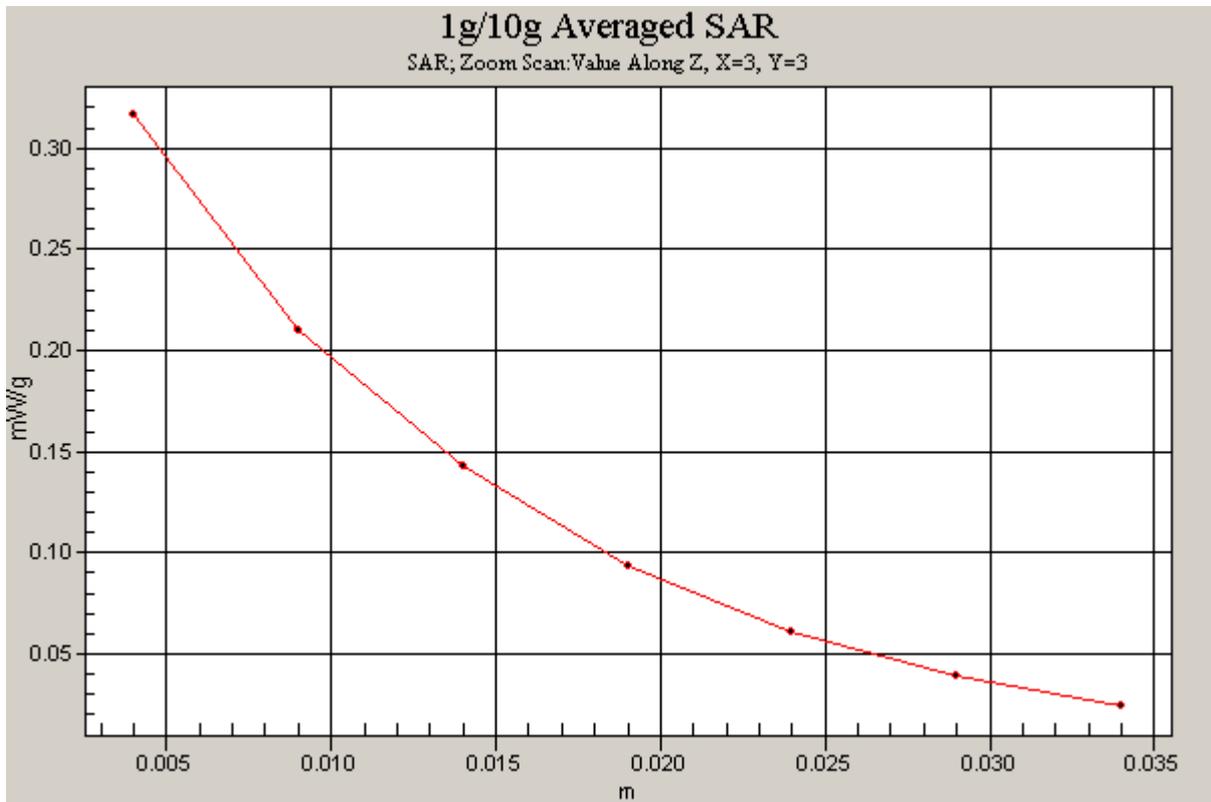


Figure 37 Z-Scan at power reference point (Body, Towards Ground, Open GSM 1900 Channel 512)

GSM 1900 Towards Phantom High Open

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Phantom High/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.137 mW/g

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

Reference Value = 8.72 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.134 mW/g

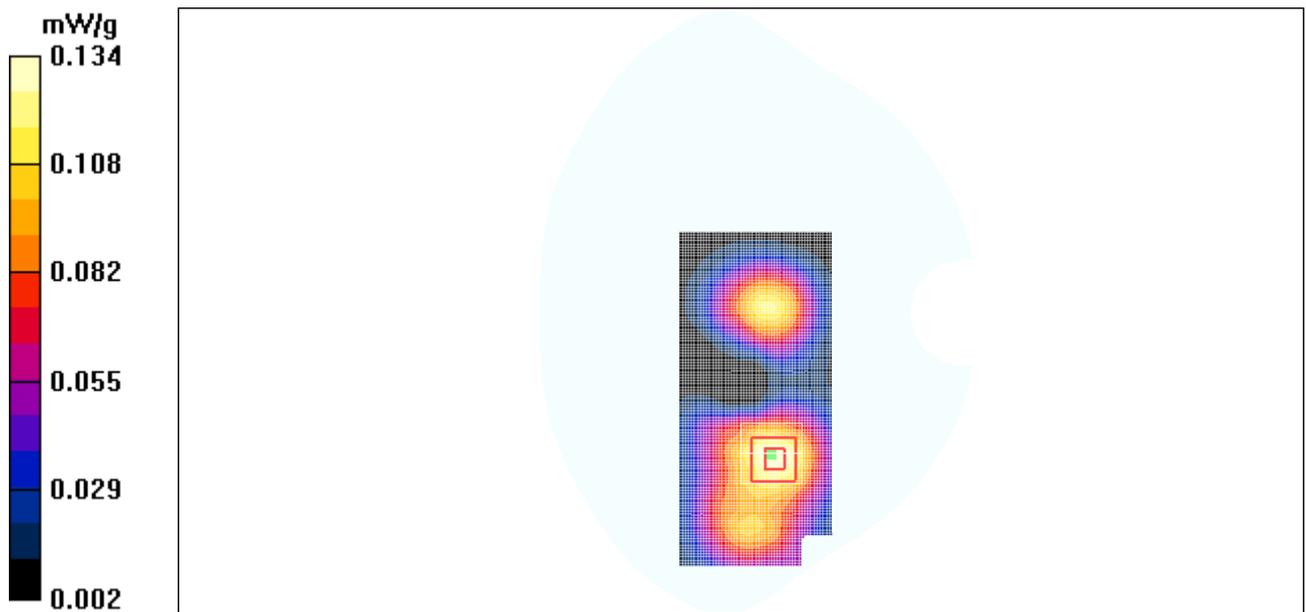


Figure 38 Body, Towards Phantom, Open GSM 1900 Channel 810

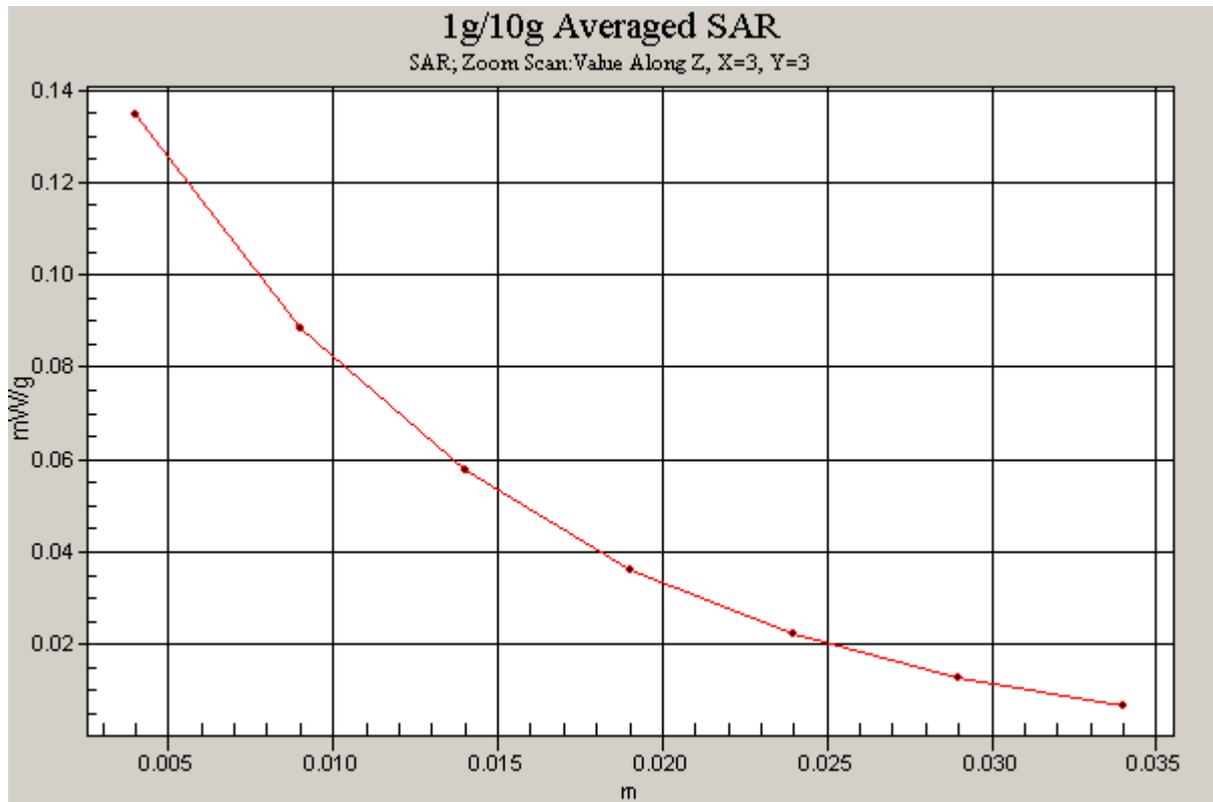


Figure 39 Z-Scan at power reference point (Body, Towards Phantom, Open GSM 1900 Channel 810)

GSM 1900 Towards Phantom Middle Open

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Phantom Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.88 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.069 mW/g

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

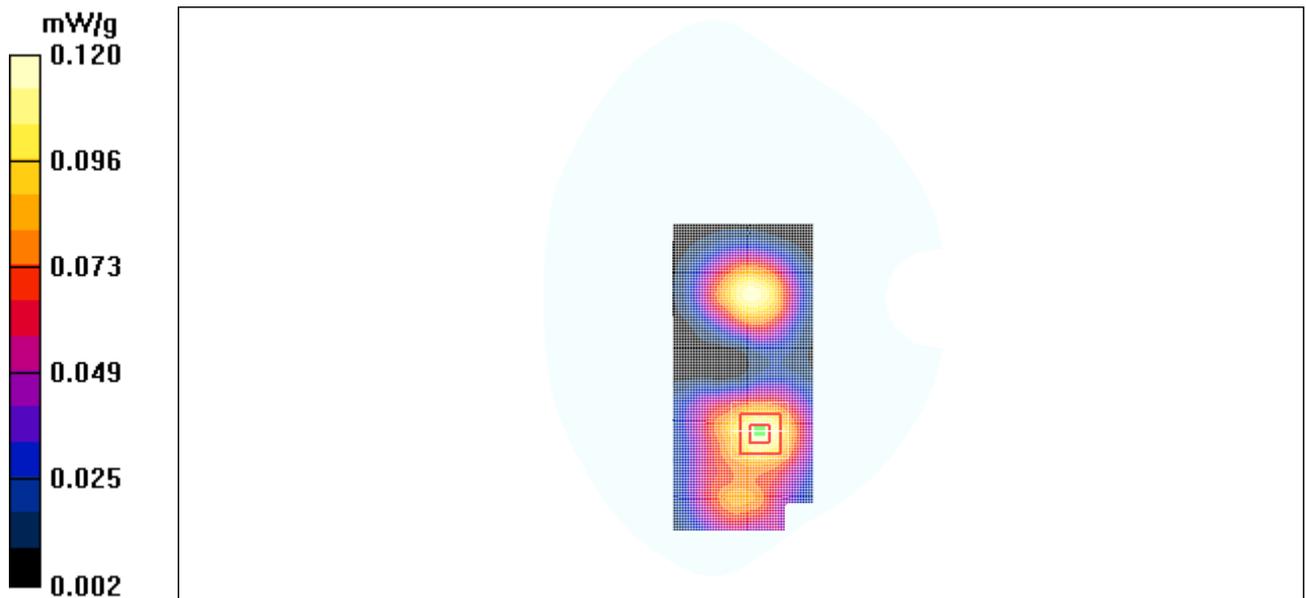


Figure 40 Body, Towards Phantom, Open GSM 1900 Channel 661

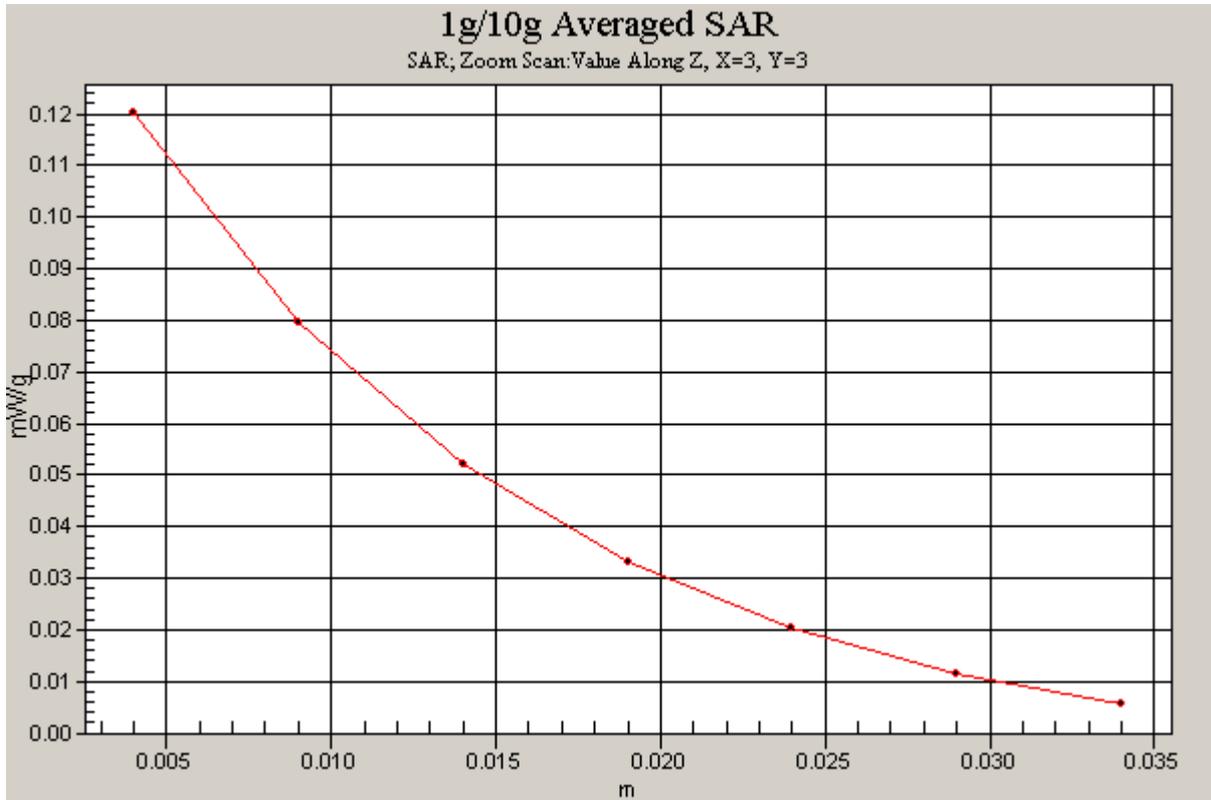


Figure 41 Z-Scan at power reference point (Body, Towards Phantom, Open GSM 1900 Channel 661)

GSM 1900 Towards Phantom Low Open

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Phantom Low/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

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

Reference Value = 9.68 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.127 mW/g

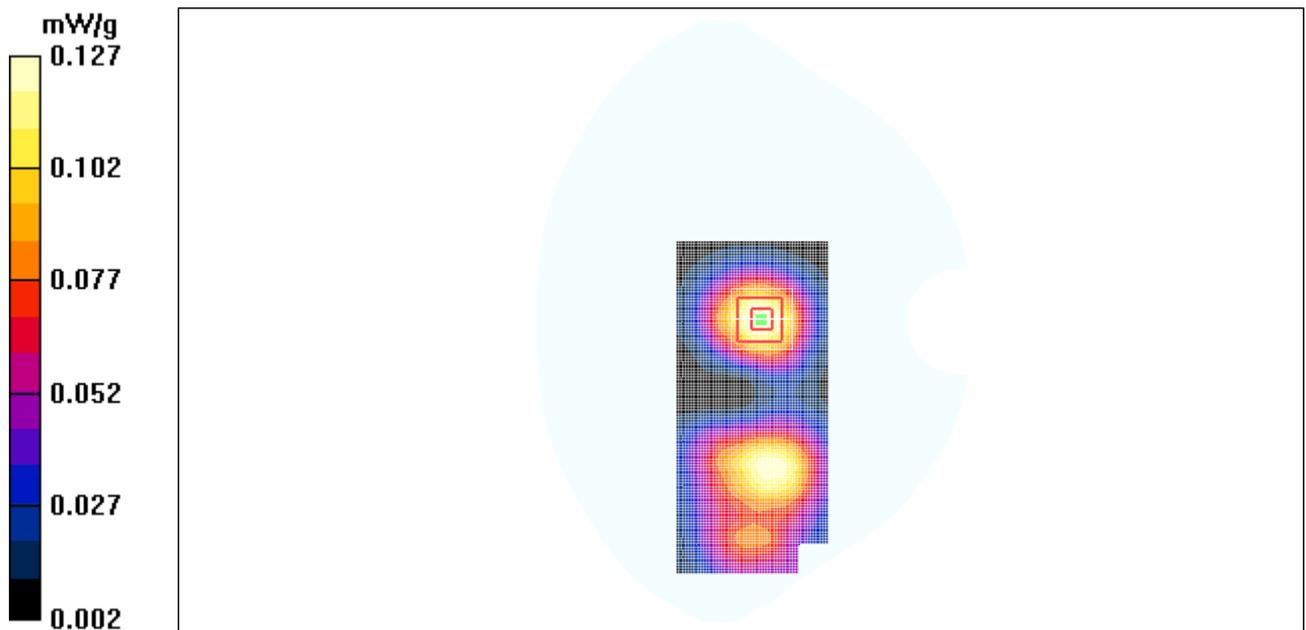


Figure 42 Body, Towards Phantom, Open GSM 1900 Channel 512

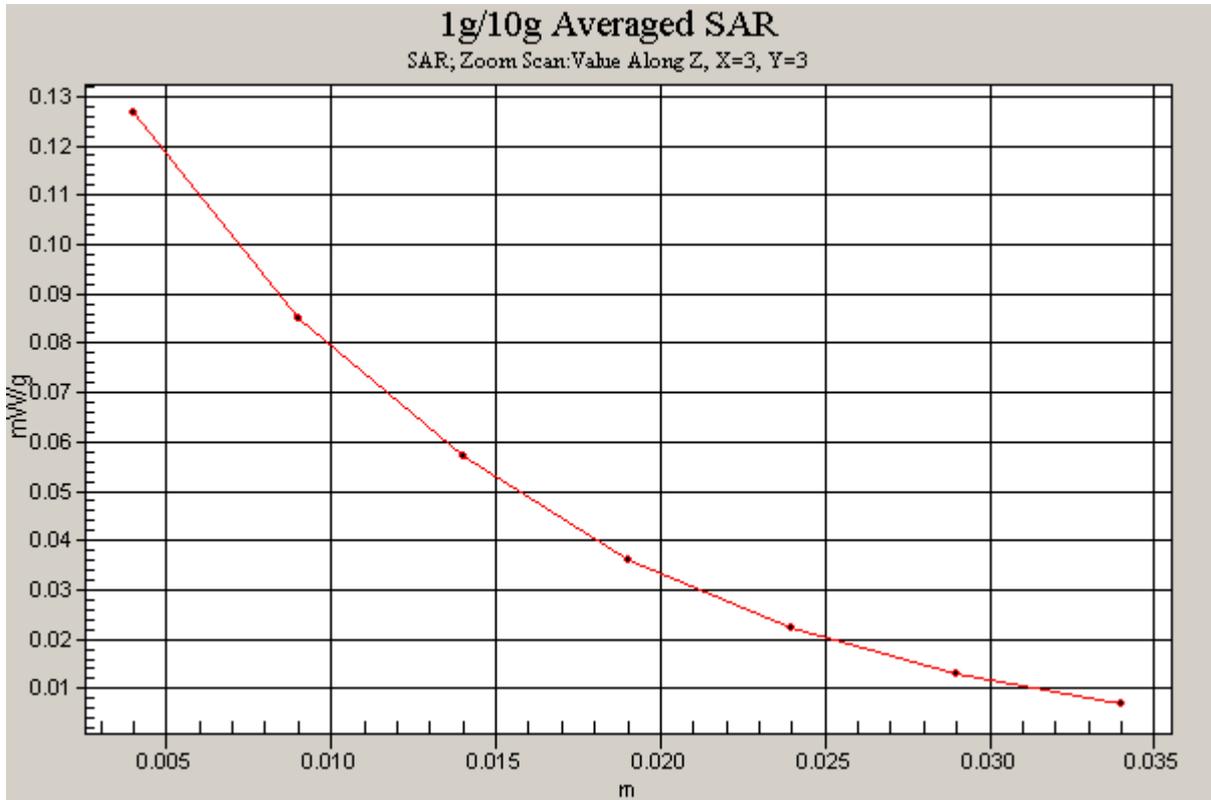


Figure 43 Z-Scan at power reference point (Body, Towards Ground, Open GSM 1900, Channel 512)

GSM 1900 Earphone Towards Ground High Open

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground High/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.343 mW/g

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

Reference Value = 5.24 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.172 mW/g

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

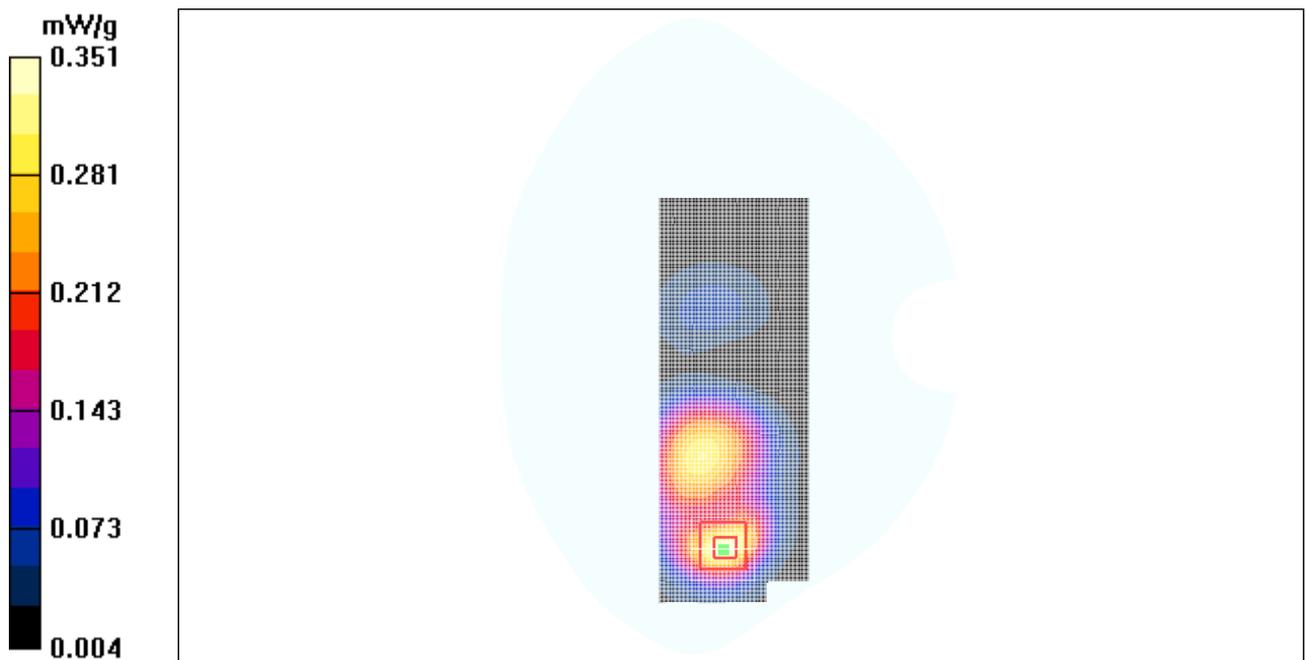


Figure 44 Body with Earphone, Towards Ground, Open GSM 1900, Channel 810

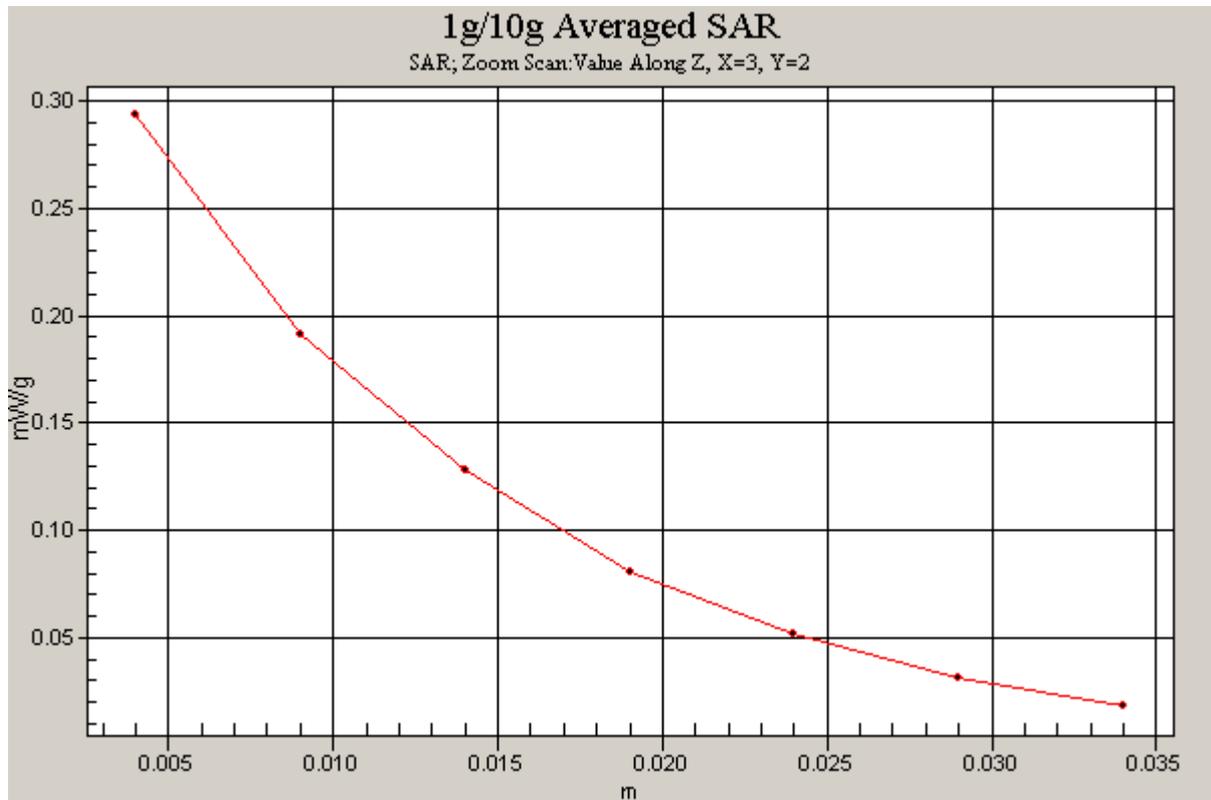


Figure 45 Z-Scan at power reference point (Body with Earphone, Towards Ground, Open GSM 1900, Channel 810)

GSM 1900 Bluetooth Earphone Towards Ground High Open

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground High/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.368 mW/g

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

Reference Value = 4.87 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.377 mW/g

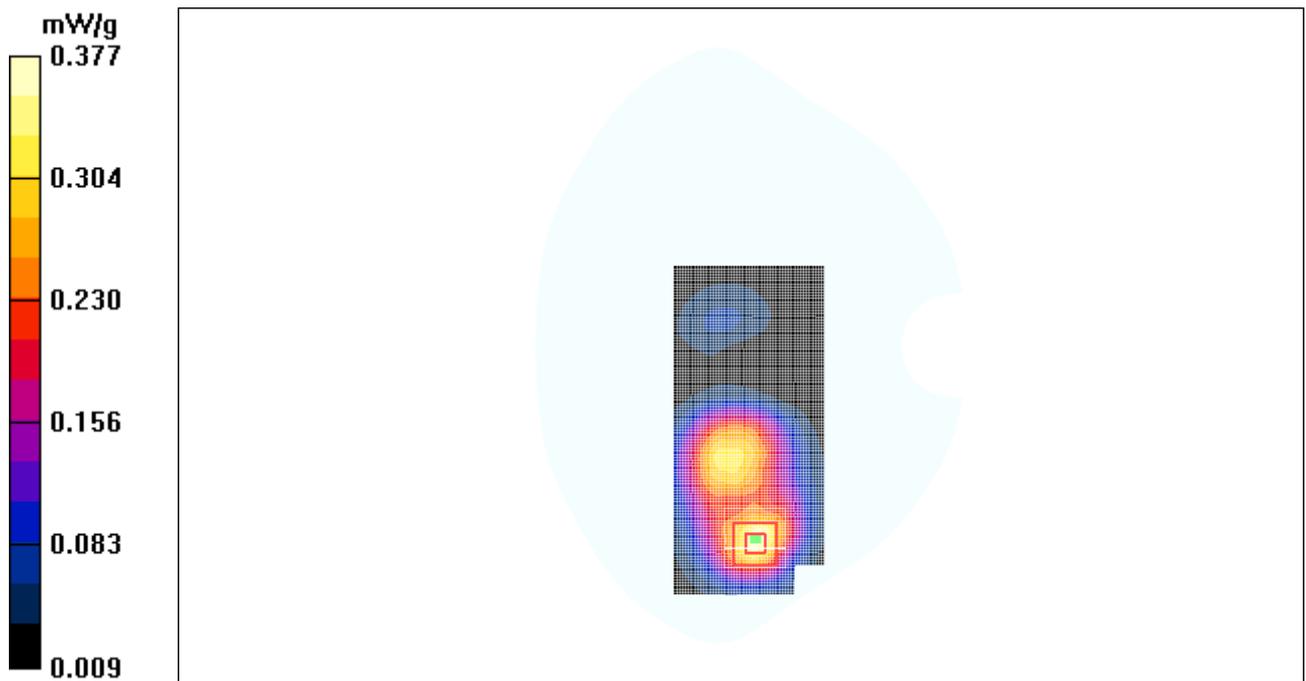


Figure 46 Body with Bluetooth earphone, Towards Ground, Open GSM 1900, Channel 810

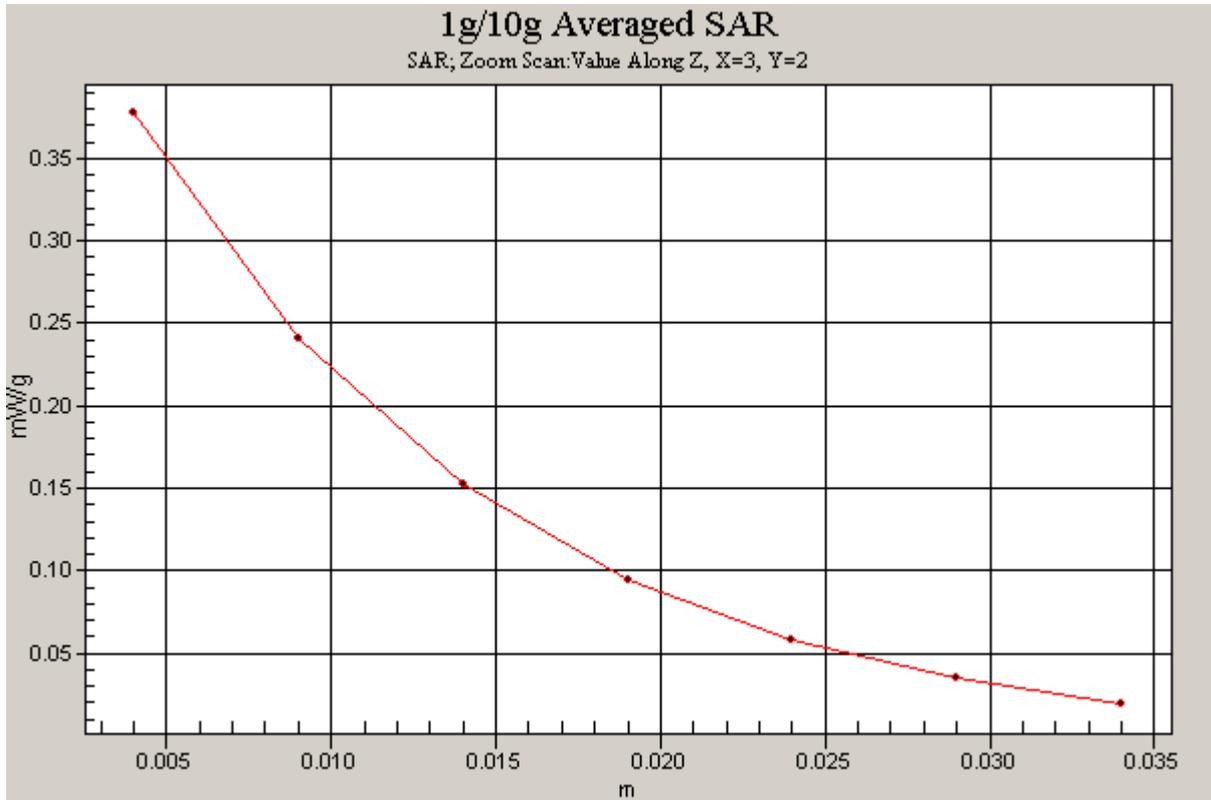


Figure 47 Z-Scan at power reference point (Body with Bluetooth earphone, Towards Ground, Open GSM 1900, Channel 810)

GSM 1900 GPRS Towards Ground High Open

Communication System: GSM 1900+GPRS(2Up); Frequency: 1909.8 MHz;Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground High/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.751 mW/g

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

Reference Value = 8.74 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.744 mW/g

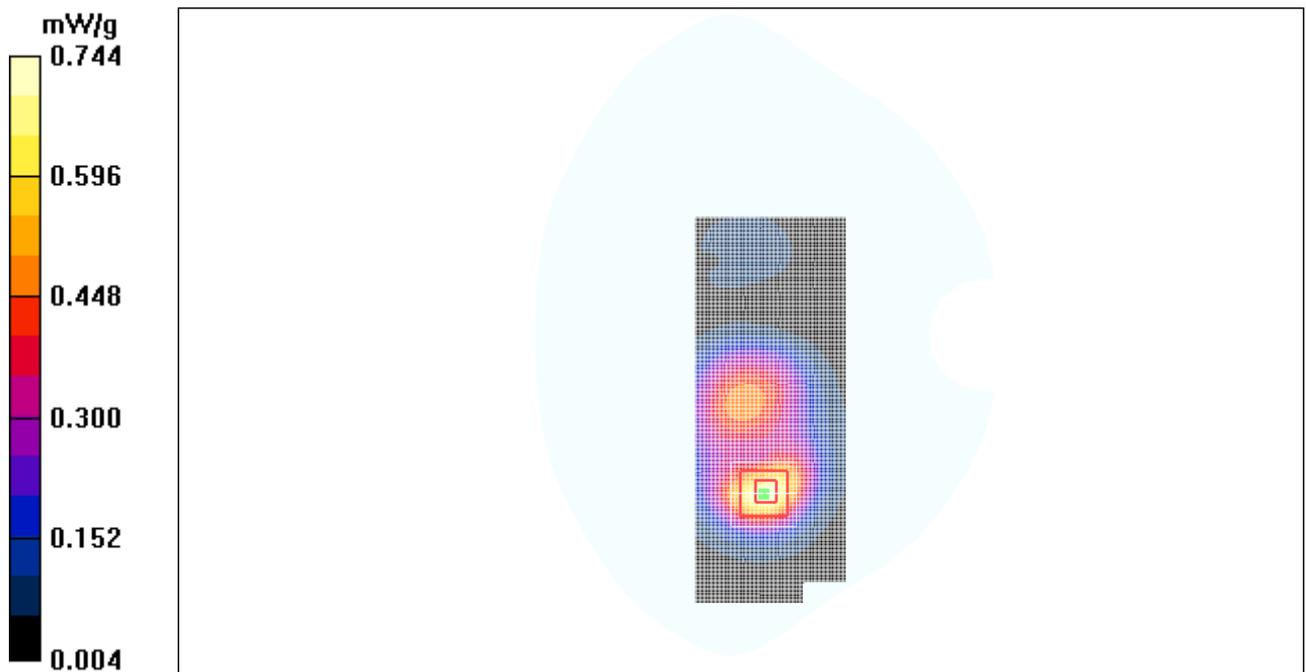


Figure 48 Body, Towards Ground, Open GSM 1900 GPRS, Channel 810

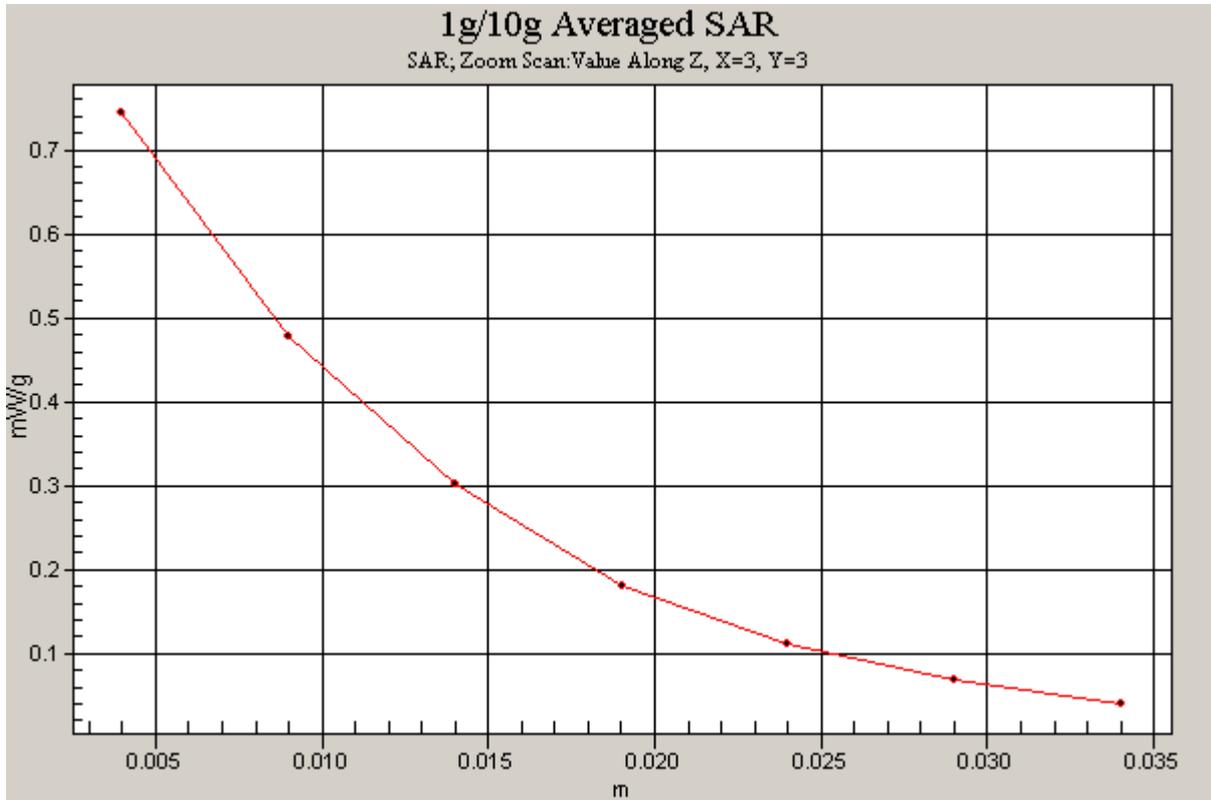


Figure 49 Z-Scan at power reference point (Body, Towards Ground, Open GSM 1900 GPRS, Channel 810)

GSM 1900 GPRS Towards Ground Middle Open

Communication System: GSM 1900+GPRS(2Up); Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground Middle/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.676 mW/g

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

Reference Value = 8.04 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.344 mW/g

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

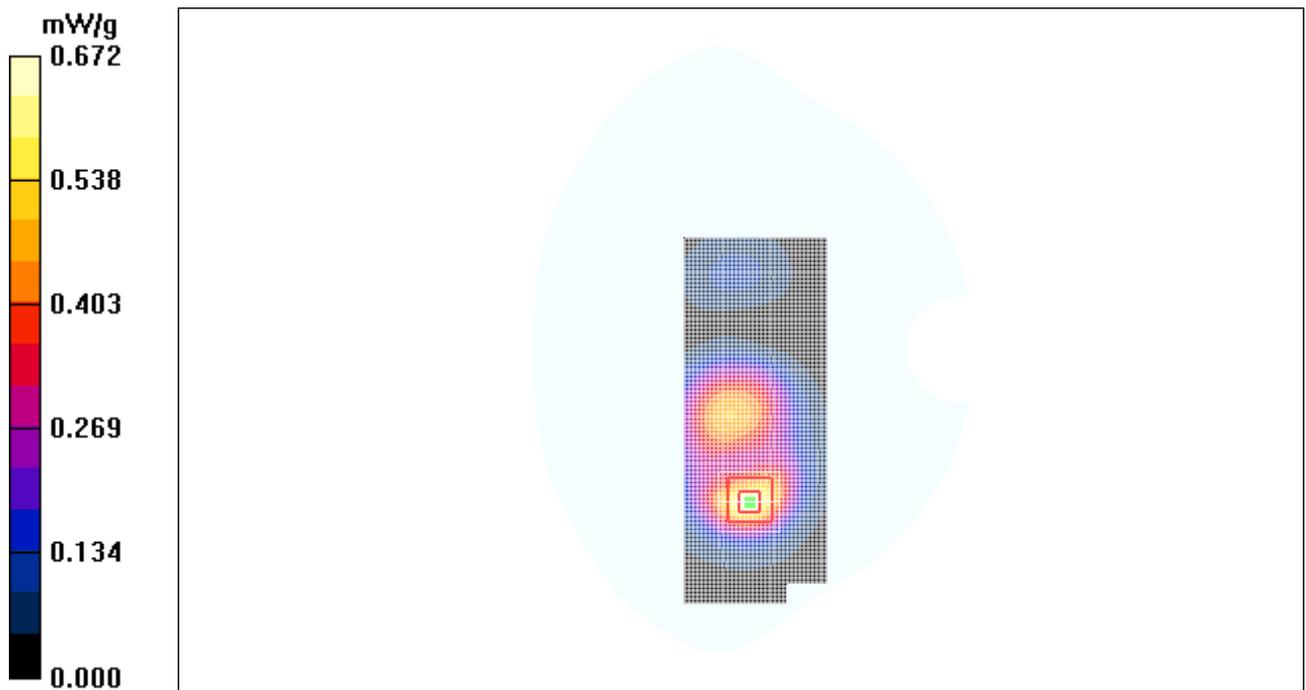


Figure 50 Body, Towards Ground, Open GSM 1900 GPRS Channel 661

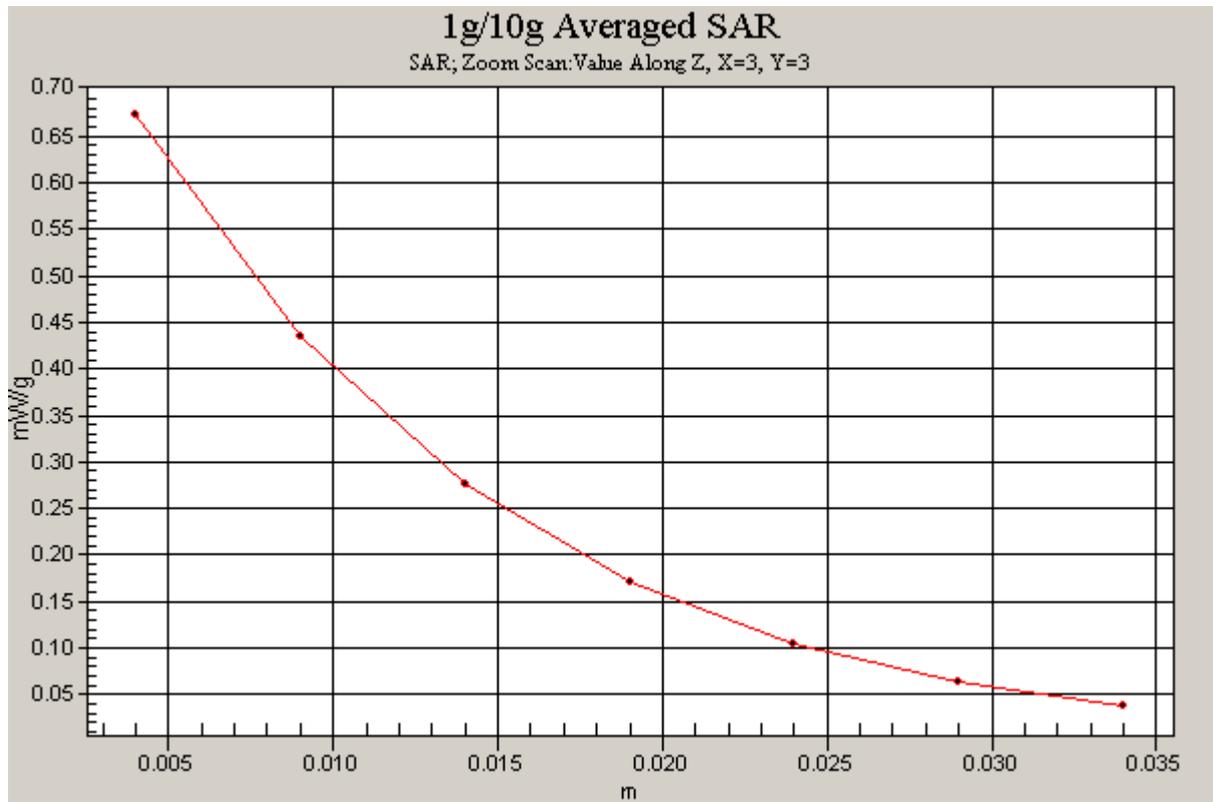


Figure 51 Z-Scan at power reference point (Body, Towards Ground, Open GSM 1900 GPRS Channel 661)

GSM 1900 GPRS Towards Ground Low Open

Communication System: GSM 1900+GPRS(2Up); Frequency: 1850.2 MHz;Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Ground Low/Area Scan (71x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.741 mW/g

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

Reference Value = 6.77 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.531 mW/g

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

Reference Value = 6.77 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.654 mW/g

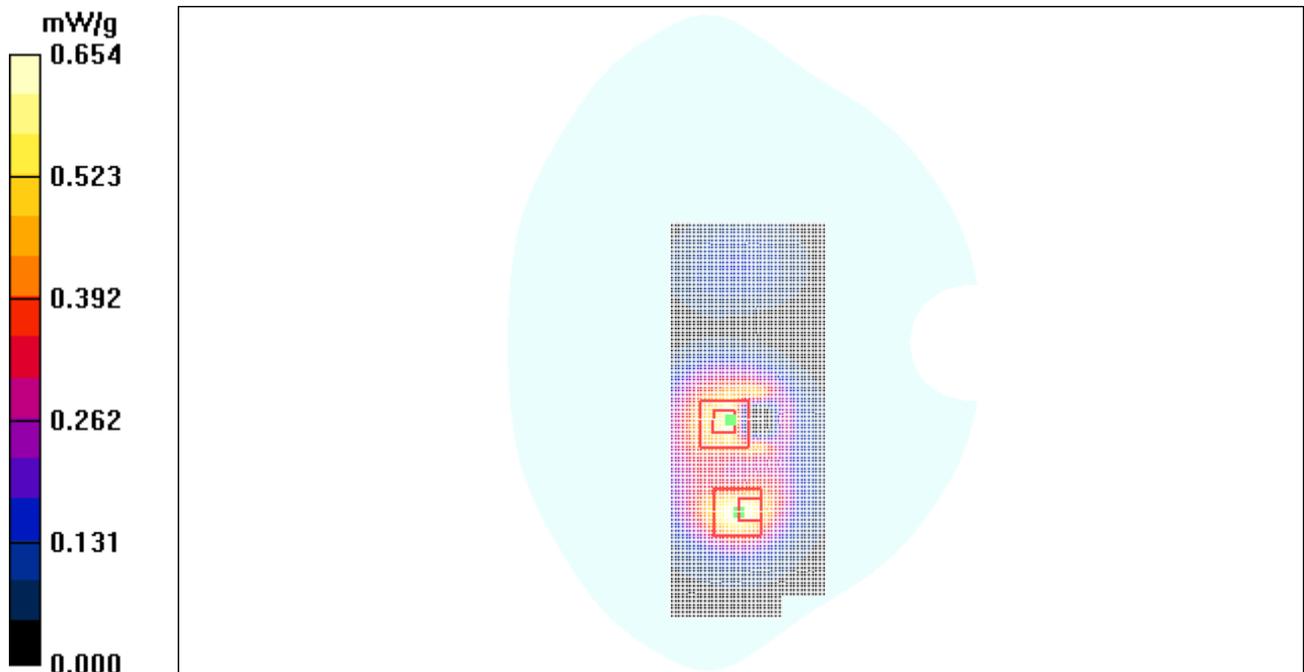


Figure 52 Body, Towards Ground, Open GSM 1900 GPRS Channel 512

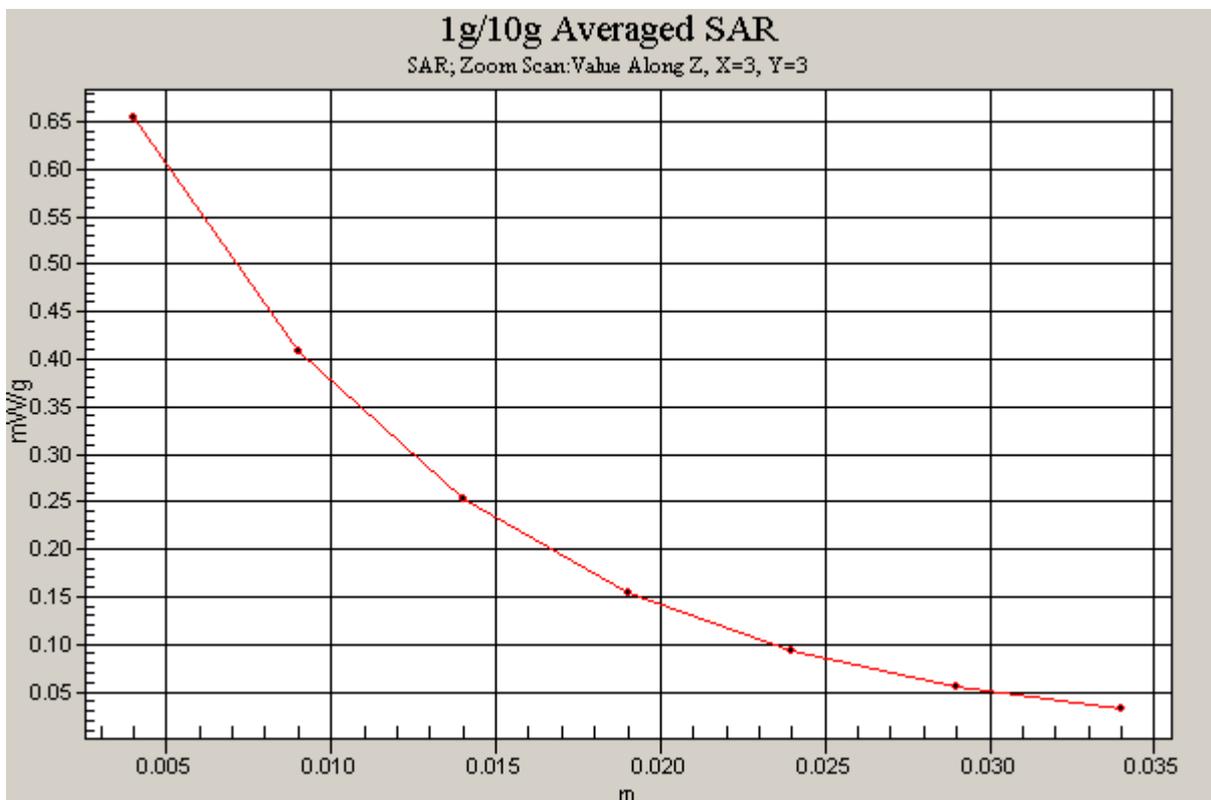
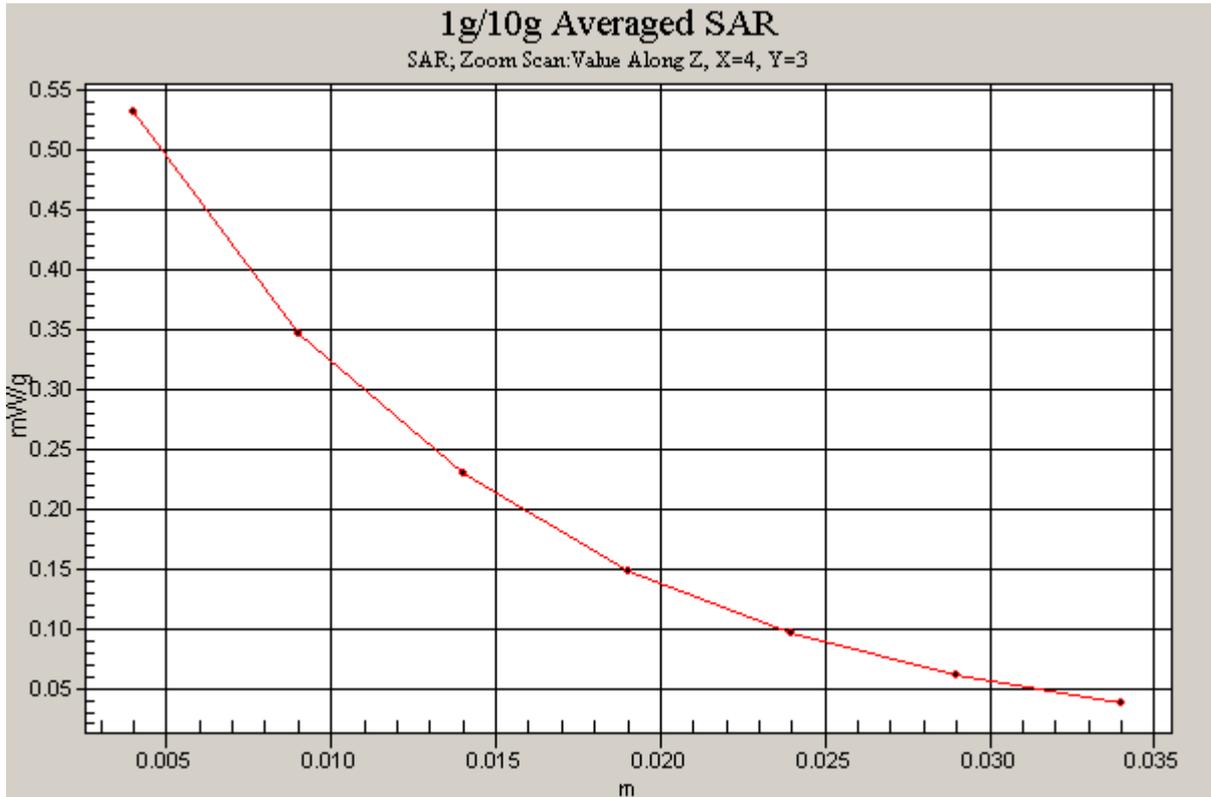


Figure 53 Z-Scan at power reference point (Body, Towards Ground, Open GSM 1900 GPRS Channel 512)

GSM 1900 GPRS Towards Phantom High Open

Communication System: GSM 1900+GPRS(2Up); Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Phantom High/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.357 mW/g

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

Reference Value = 9.92 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.278 mW/g

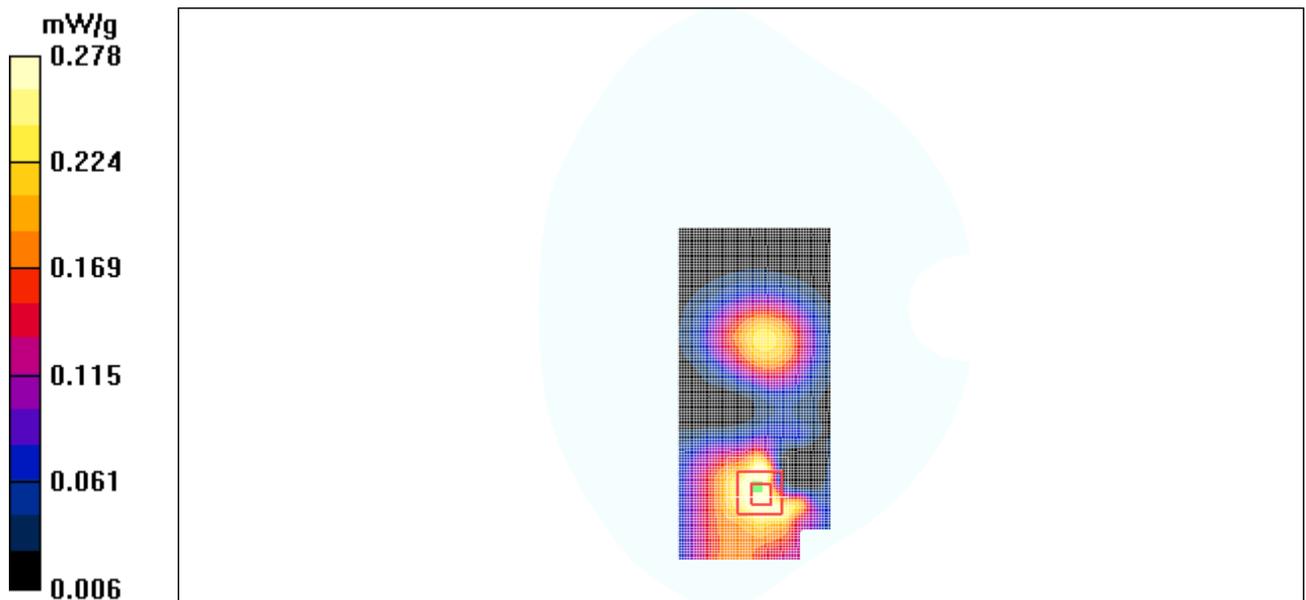


Figure 54 Body, Towards Phantom, Open GSM 1900 GPRS, Channel 810

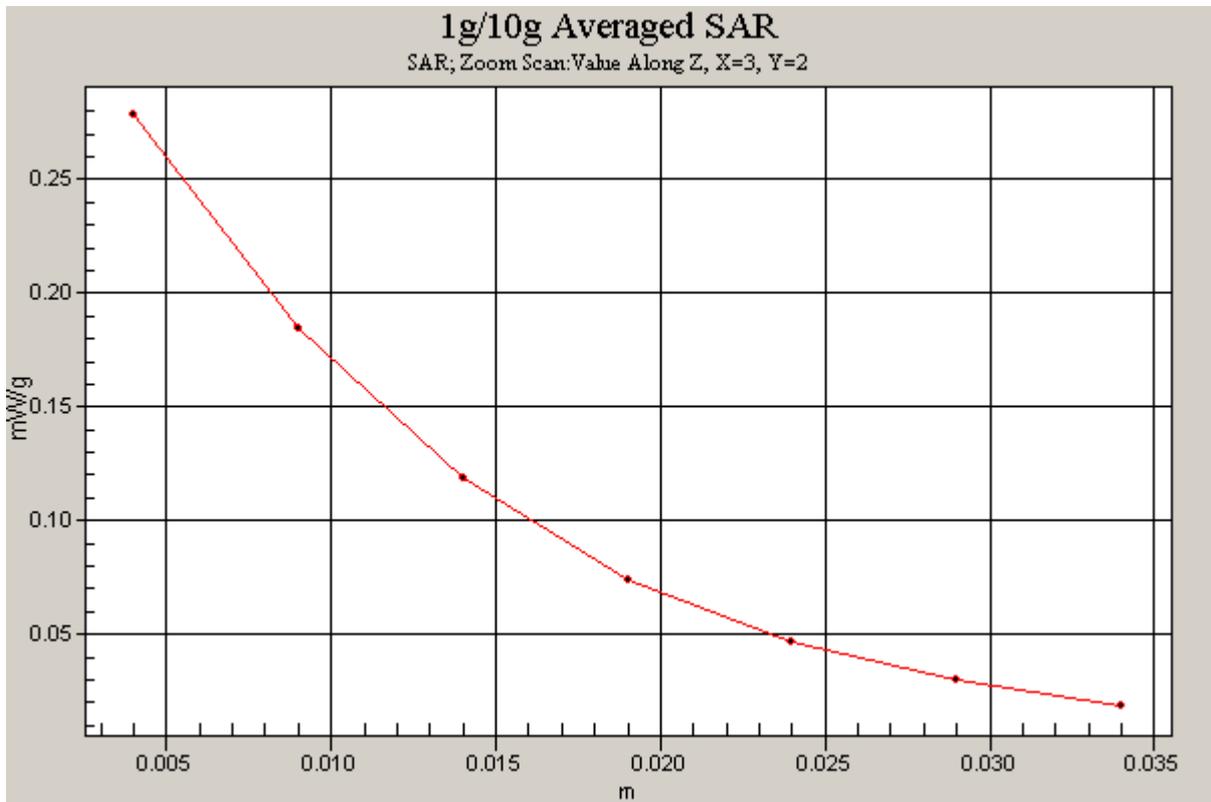


Figure 55 Z-Scan at power reference point (Body, Towards Phantom, Open GSM 1900 GPRS, Channel 810)

GSM 1900 GPRS Towards Phantom Middle Open

Communication System: GSM 1900+GPRS(2Up); Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Phantom Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.251 mW/g

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

Reference Value = 10.1 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.250 mW/g

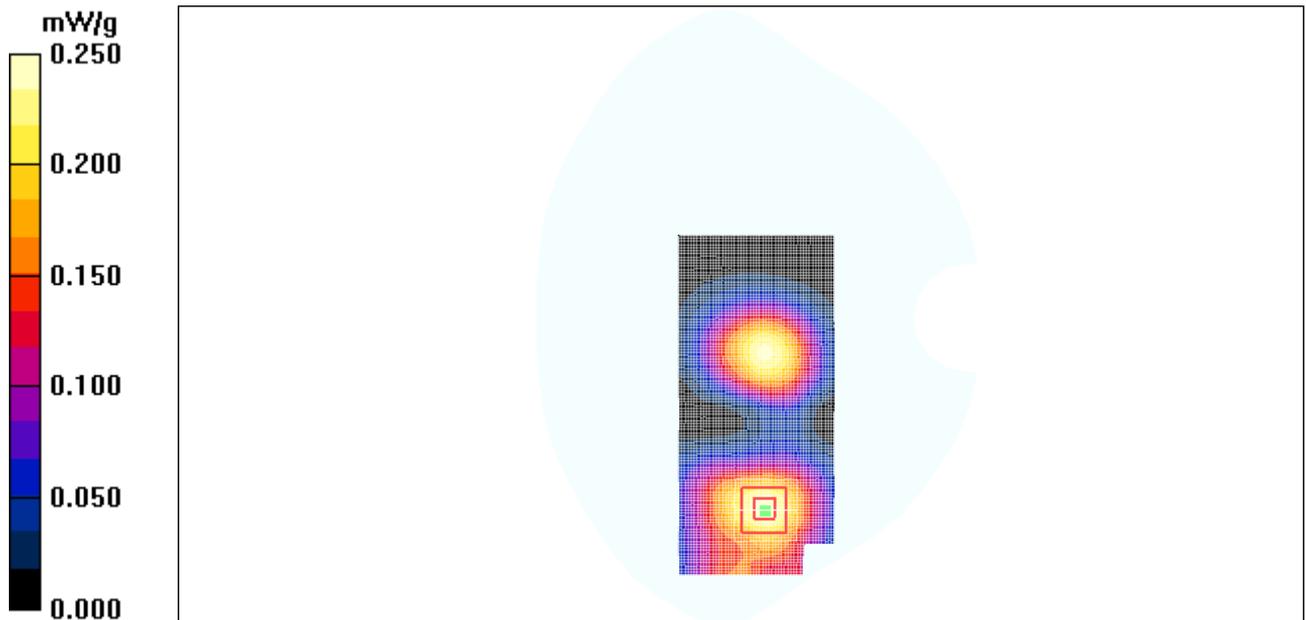


Figure 56 Body, Towards Phantom, Open GSM 1900 GPRS Channel 661

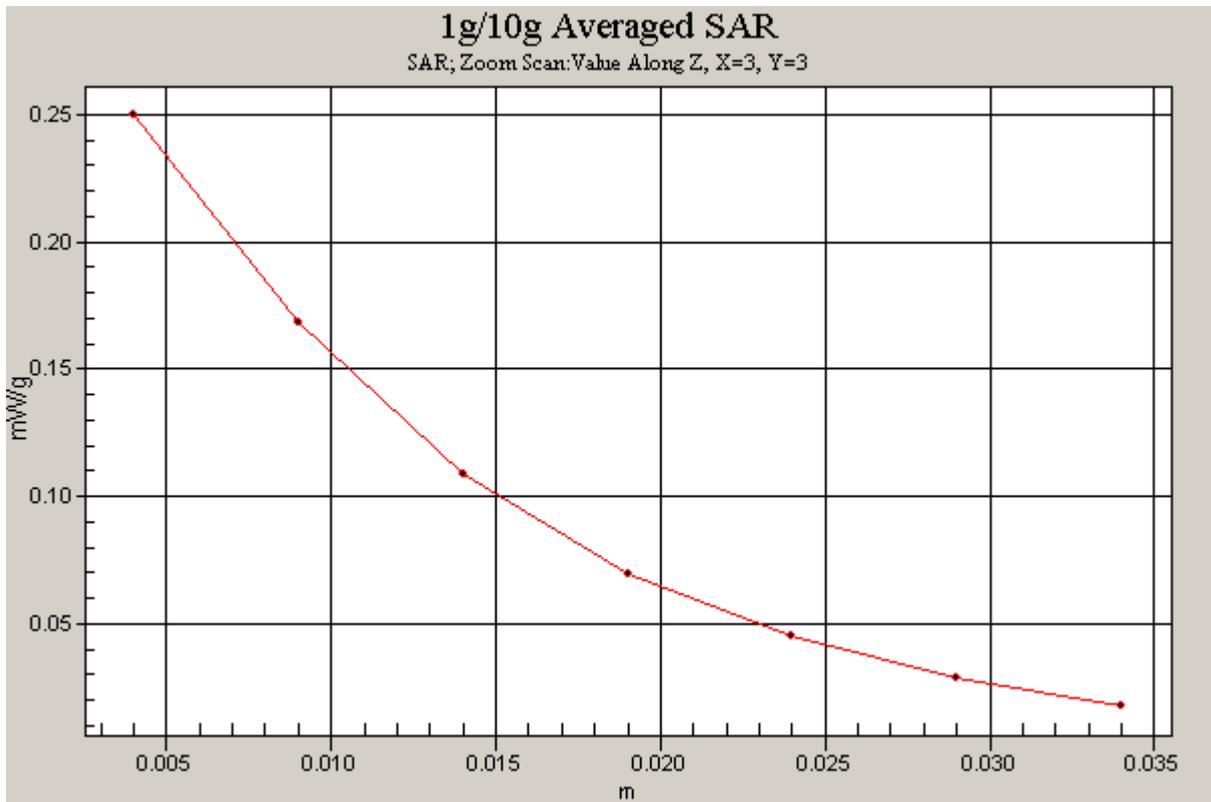


Figure 57 Z-Scan at power reference point (Body, Towards Phantom, Open GSM 1900 GPRS Channel 661)

GSM 1900 GPRS Towards Phantom Low Open

Communication System: GSM 1900+GPRS(2Up); Frequency: 1850.2 MHz;Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(4.64, 4.64, 4.64);

Electronics: DAE4 Sn452;

Towards Phantom Low/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 mW/g

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

Reference Value = 10.8 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 0.265 mW/g

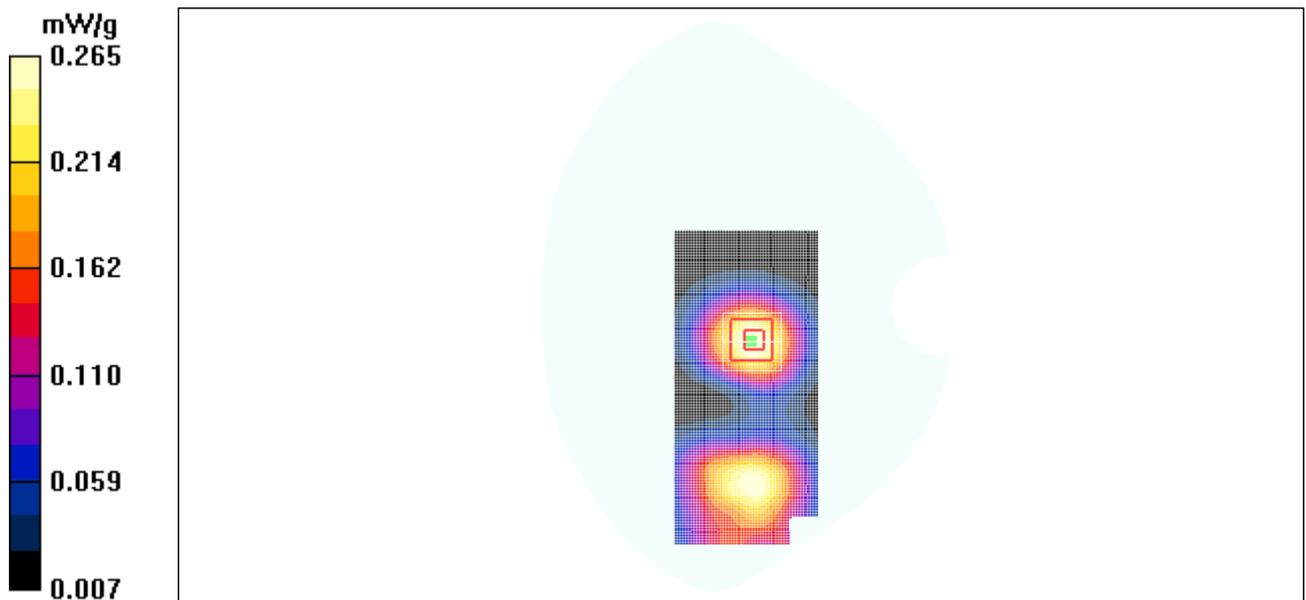


Figure 58 Body, Towards Phantom, Open GSM 1900 GPRS Channel 512

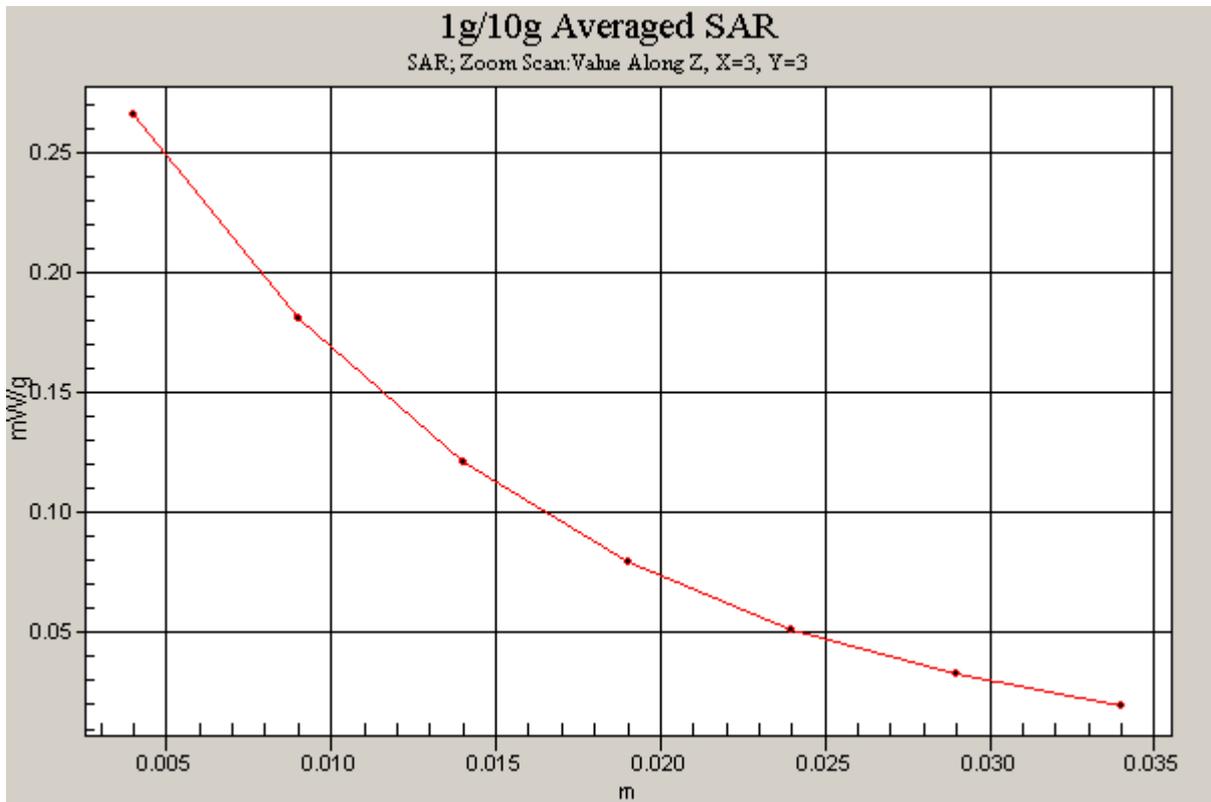


Figure 59 Z-Scan at power reference point (Body, Towards Phantom, Open GSM 1900 GPRS Channel 512)

GSM 1900 Left Cheek High Close

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Cheek High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.578 mW/g

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

Reference Value = 7.89 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.593 mW/g

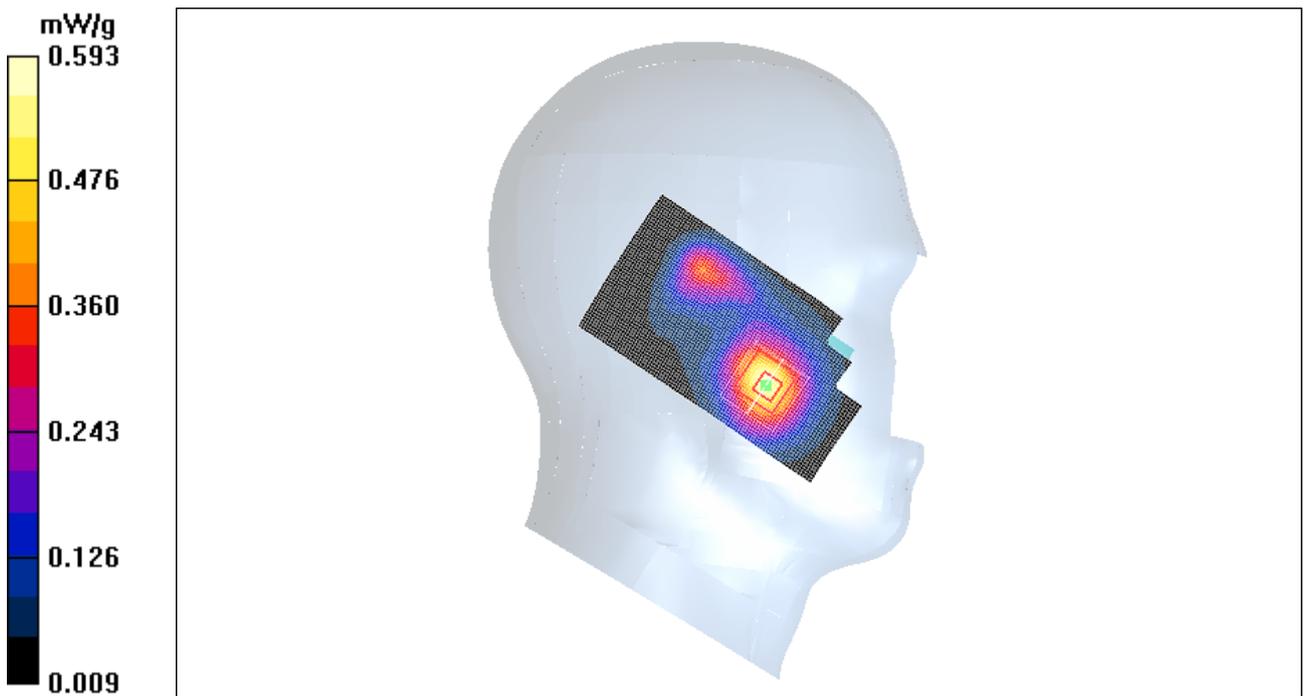


Figure 60 Left Hand Touch Cheek Close GSM 1900 Channel 810

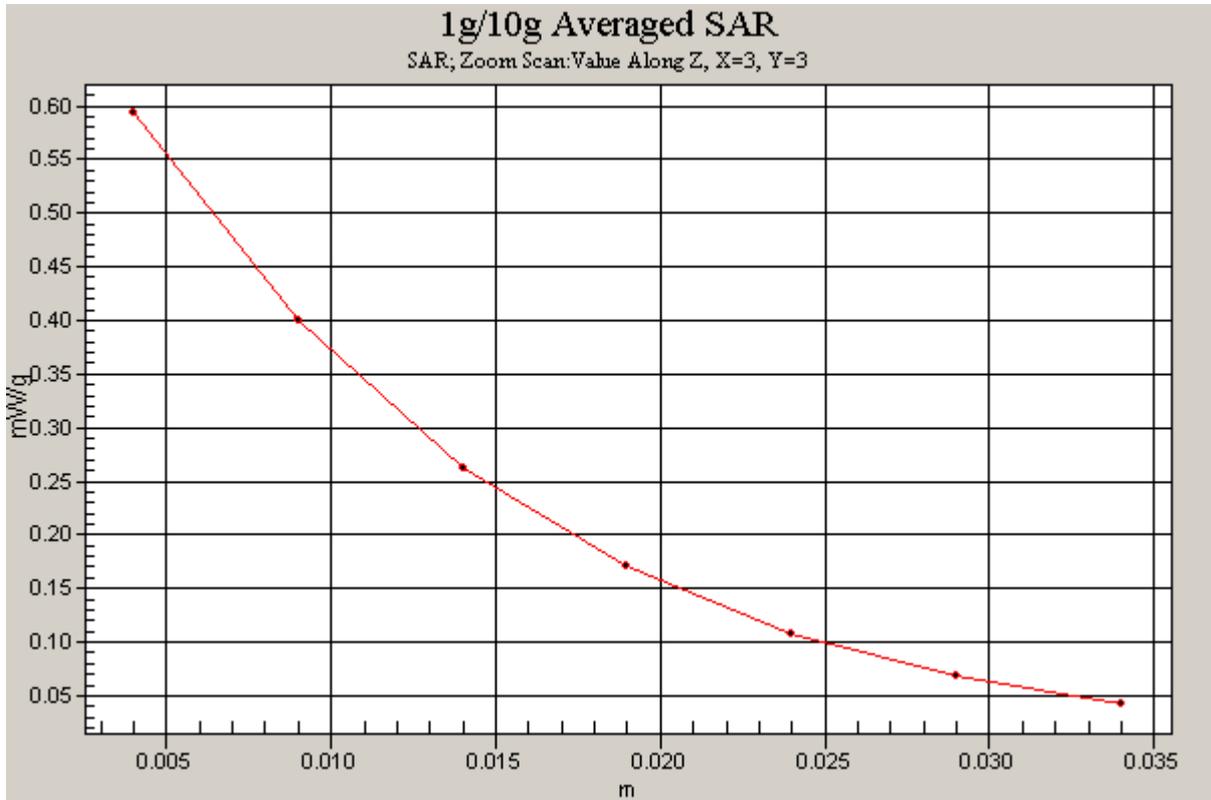


Figure 61 Z-Scan at power reference point (Left Hand Touch Cheek Close GSM 1900 Channel 810)

GSM 1900 Left Cheek Middle Close

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Cheek Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.535 mW/g

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

Reference Value = 8.47 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.546 mW/g

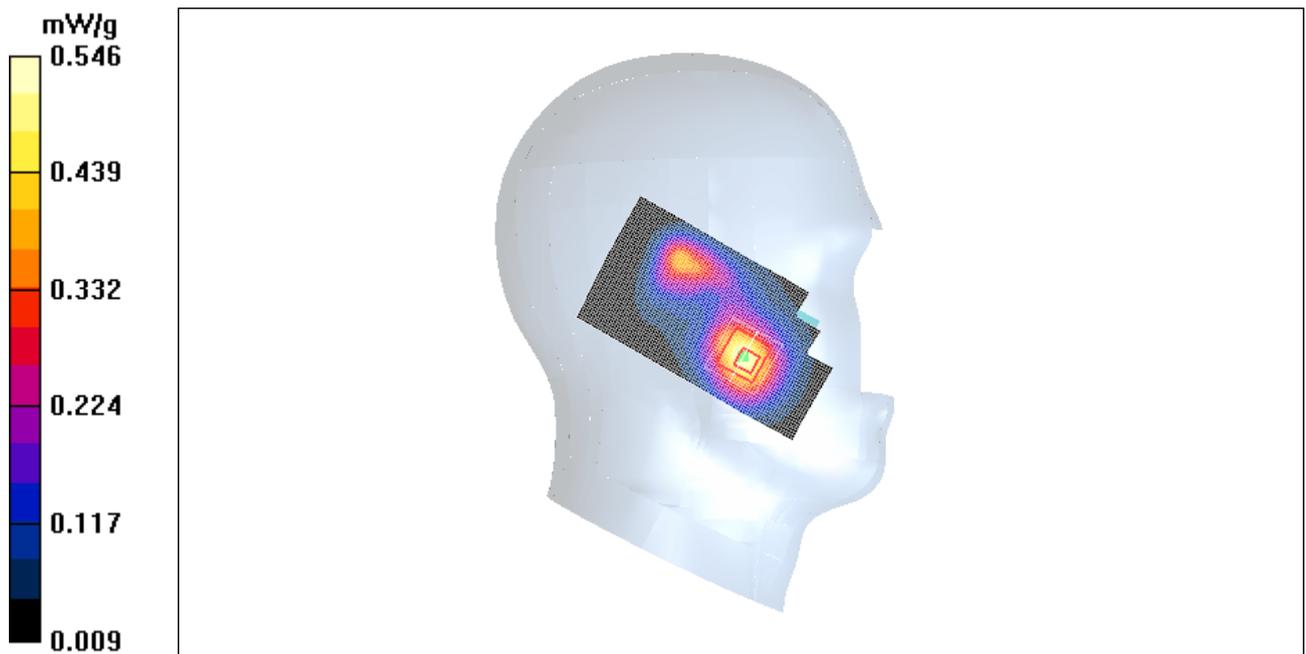


Figure 62 Left Hand Touch Cheek Close GSM 1900 Channel 661

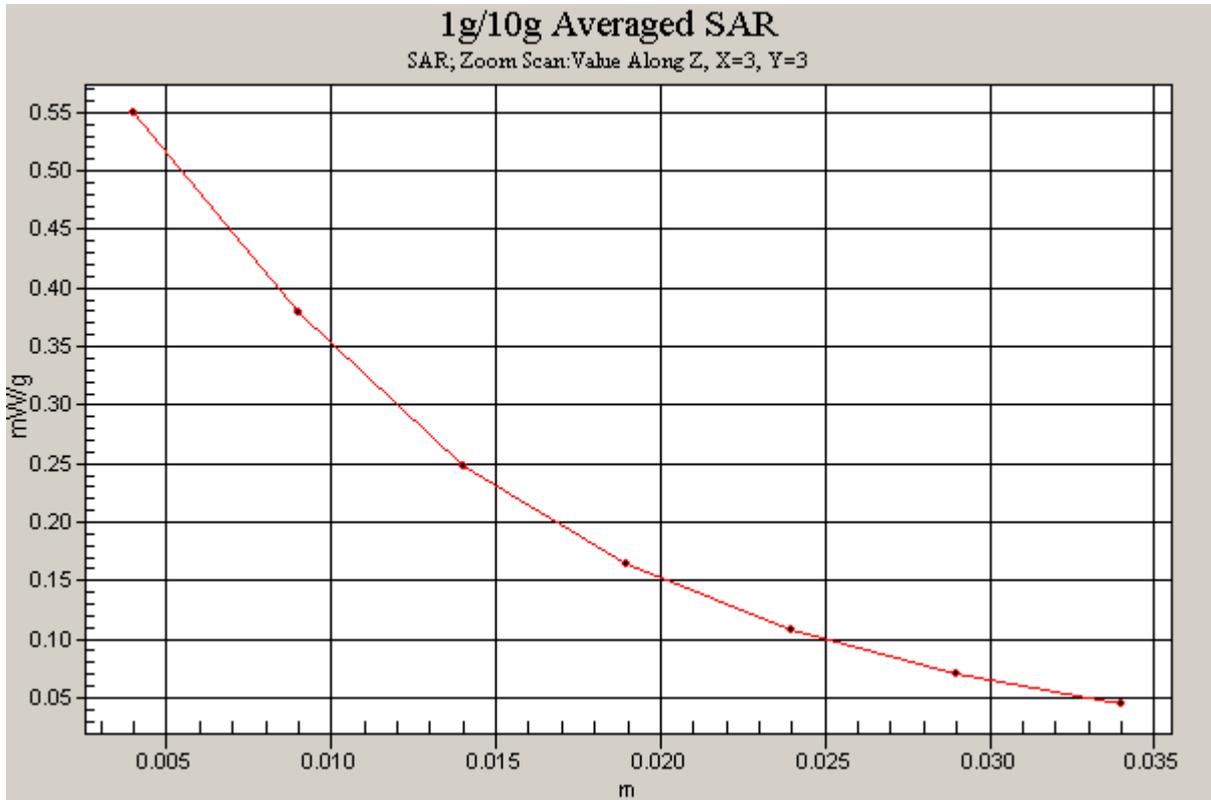


Figure 63 Z-Scan at power reference point (Left Hand Touch Cheek Close GSM 1900 Channel 661)

GSM 1900 Left Cheek Low Close

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Cheek Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.387 mW/g

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

Reference Value = 8.02 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.392 mW/g

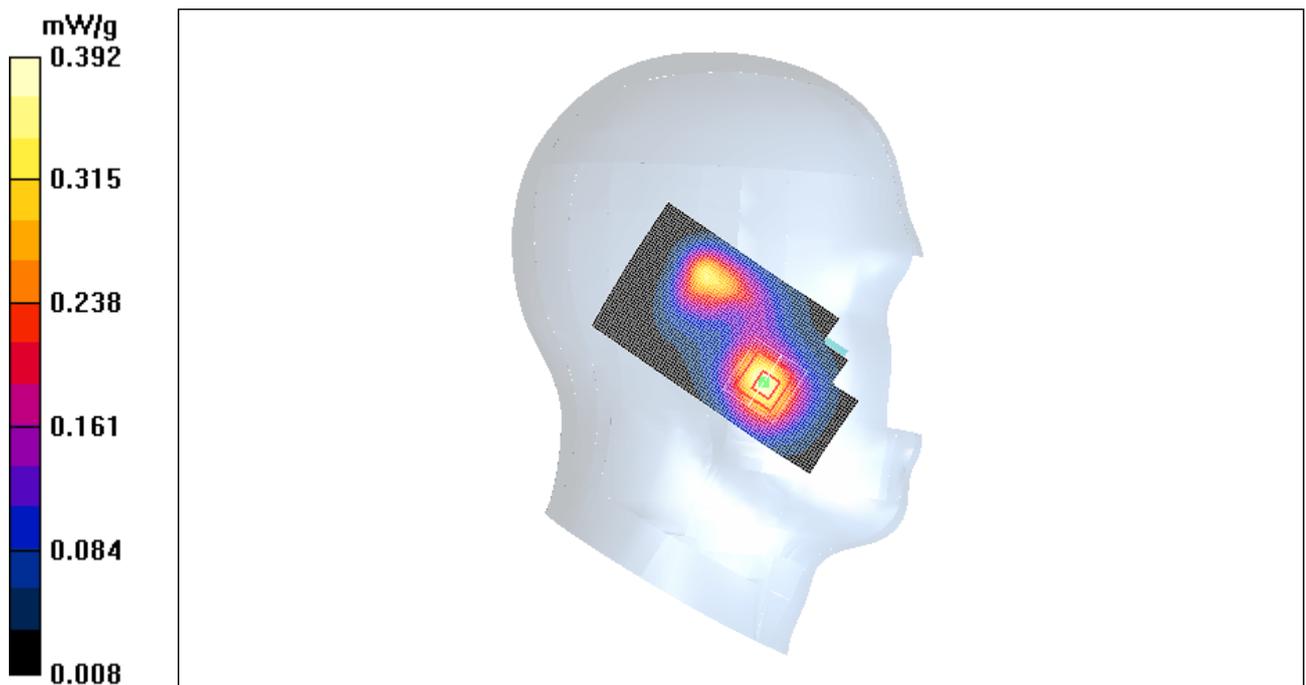


Figure 64 Left Hand Touch Cheek Close GSM 1900 Channel 512

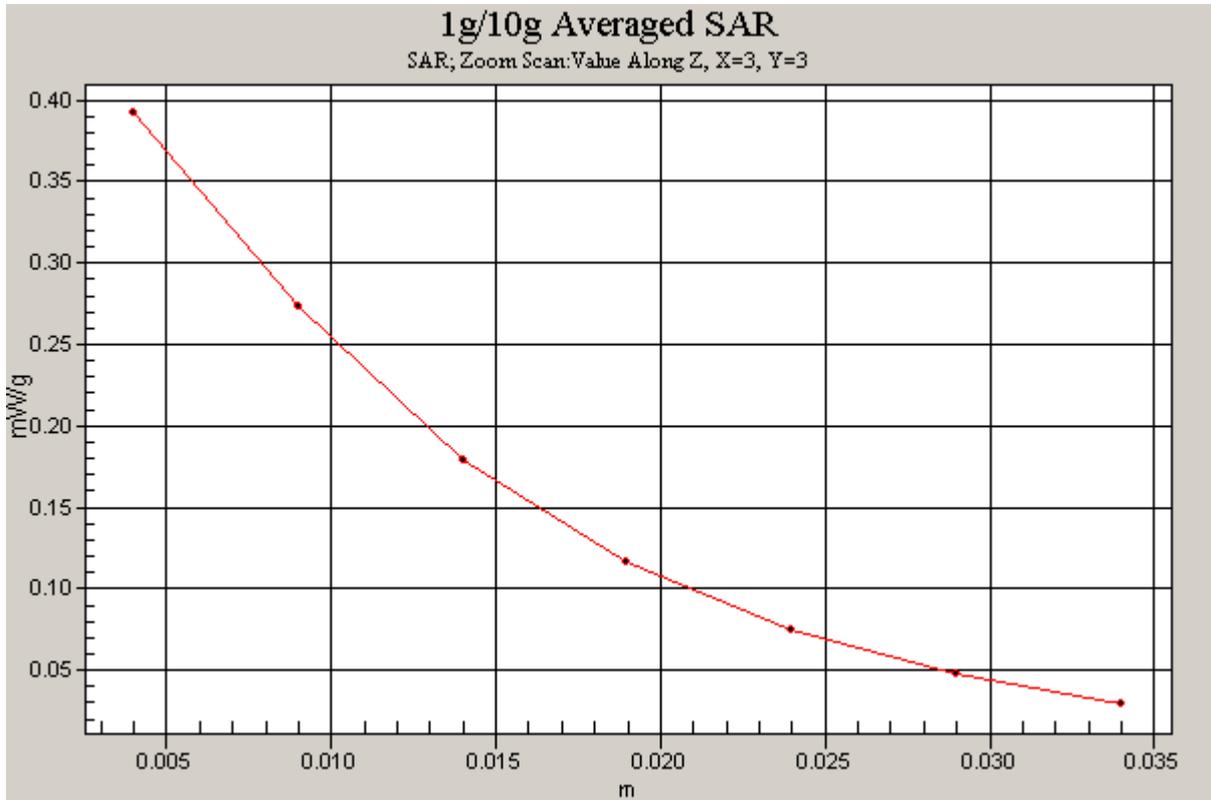


Figure 65 Z-Scan at power reference point (Left Hand Touch Cheek Close GSM 1900 Channel 512)

GSM 1900 Left Tilt High Close

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Tilt High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.269 mW/g

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

Reference Value = 10.2 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.250 mW/g

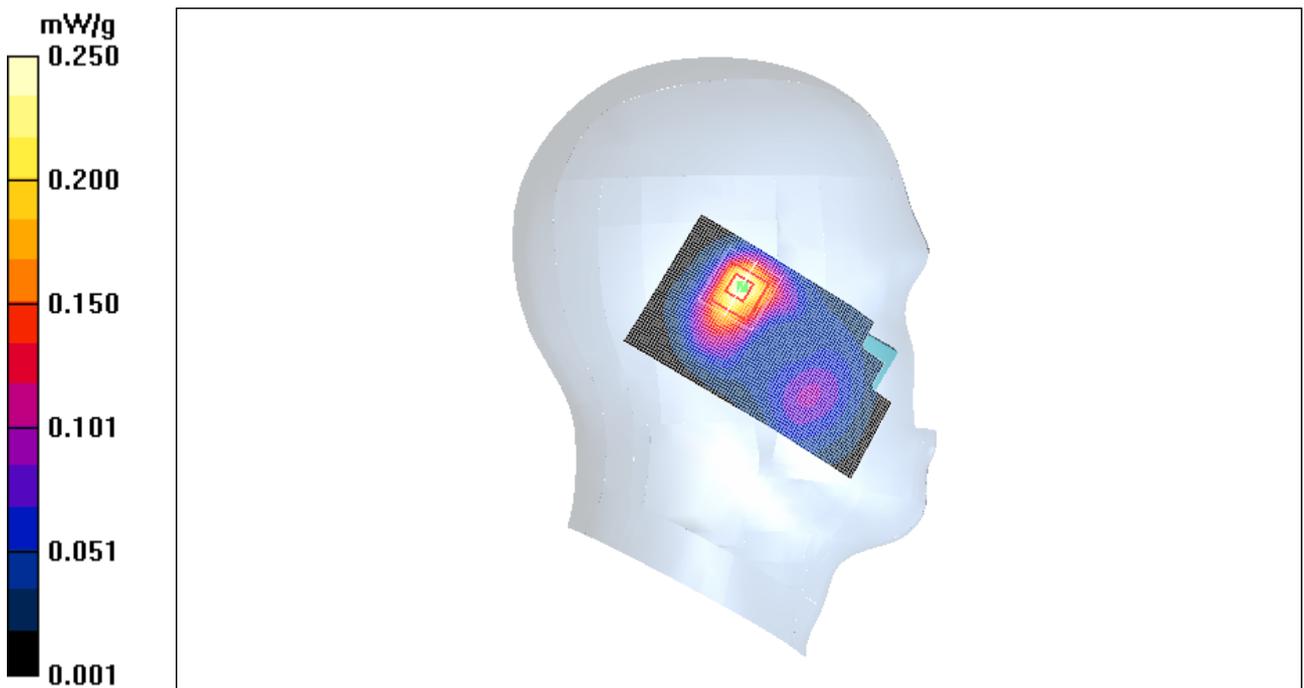


Figure 66 Left Hand Tilt 15°Close GSM 1900 Channel 810

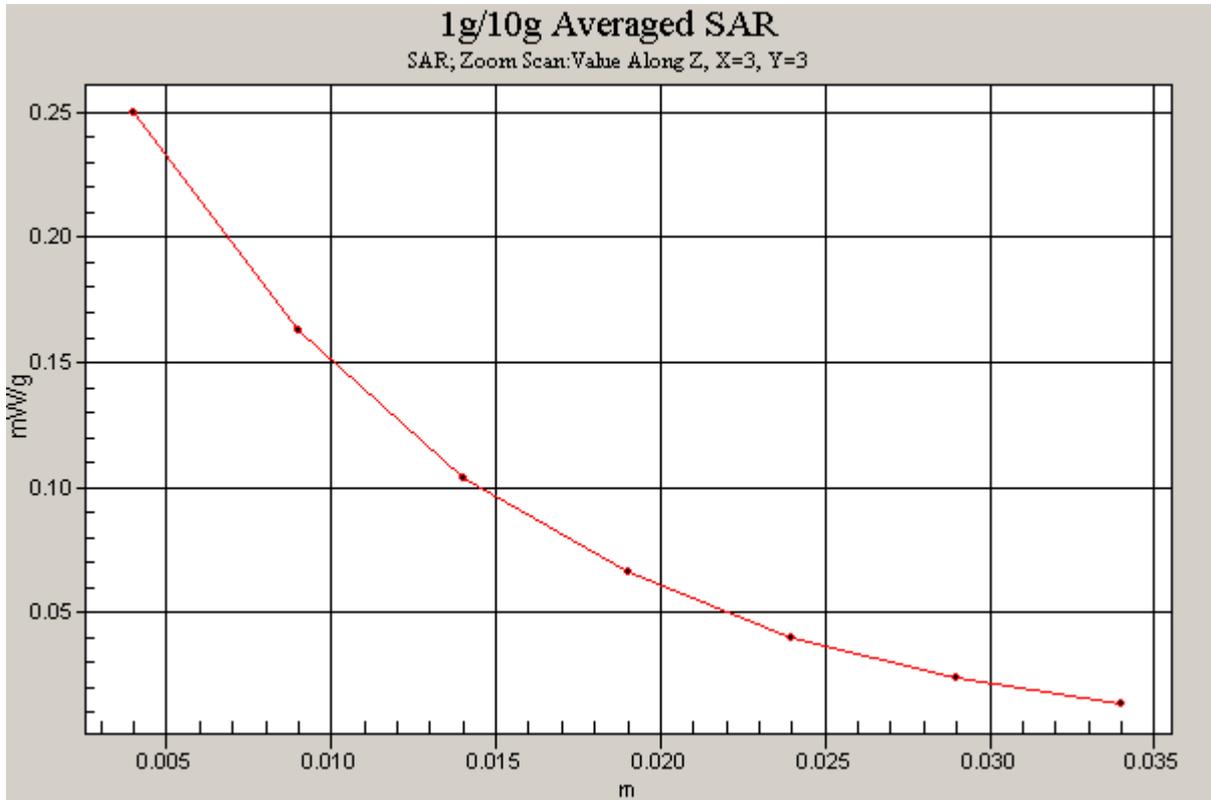


Figure 67 Z-Scan at power reference point (Left Hand Tilt 15° Close GSM 1900 Channel 810)

GSM 1900 Left Tilt Middle Close

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Probe: ET3DV6 - SN1531; ConvF(5.15, 5.15, 5.15);

Electronics: DAE4 Sn452;

Tilt Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 mW/g

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

Reference Value = 10.2 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.133 mW/g

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

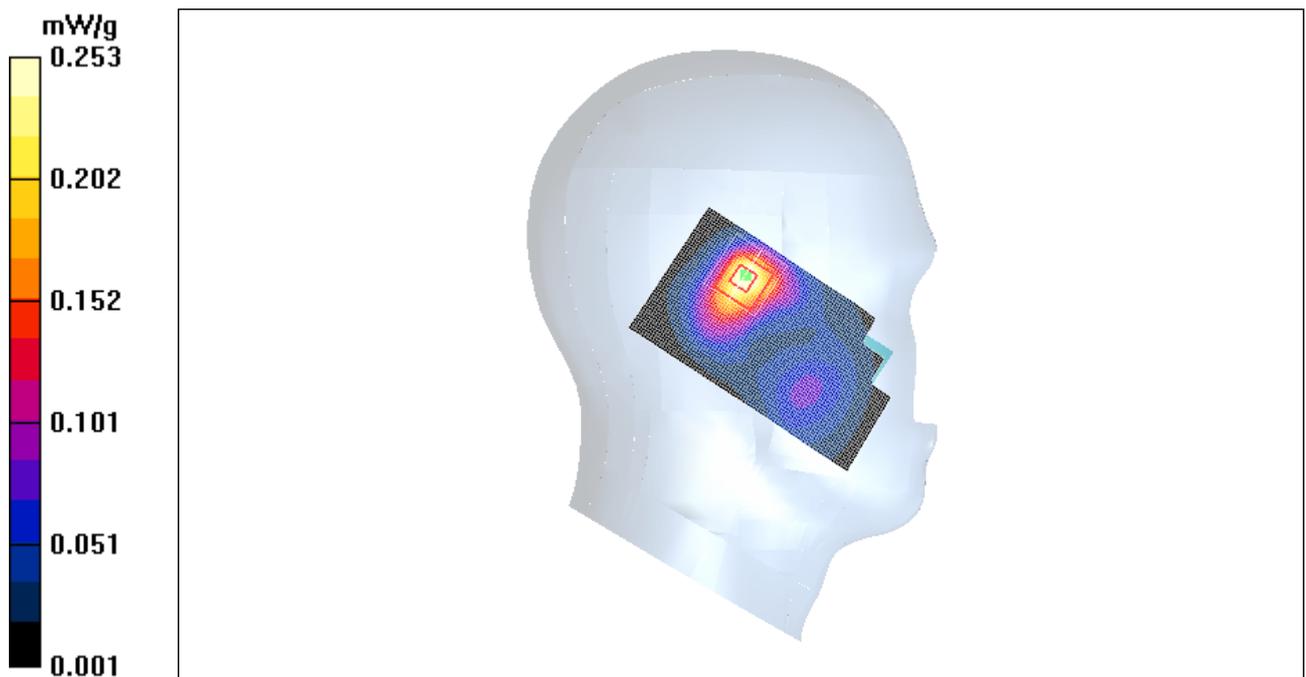


Figure 68 Left Hand Tilt 15 ° Close GSM 1900 Channel 661