

**PCS 1900 Left Tilt Low**

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

Medium: Head 1900MHz

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Tilt Low/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.039 mW/g

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

Reference Value = 3.91 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.053 W/kg

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.037 mW/g

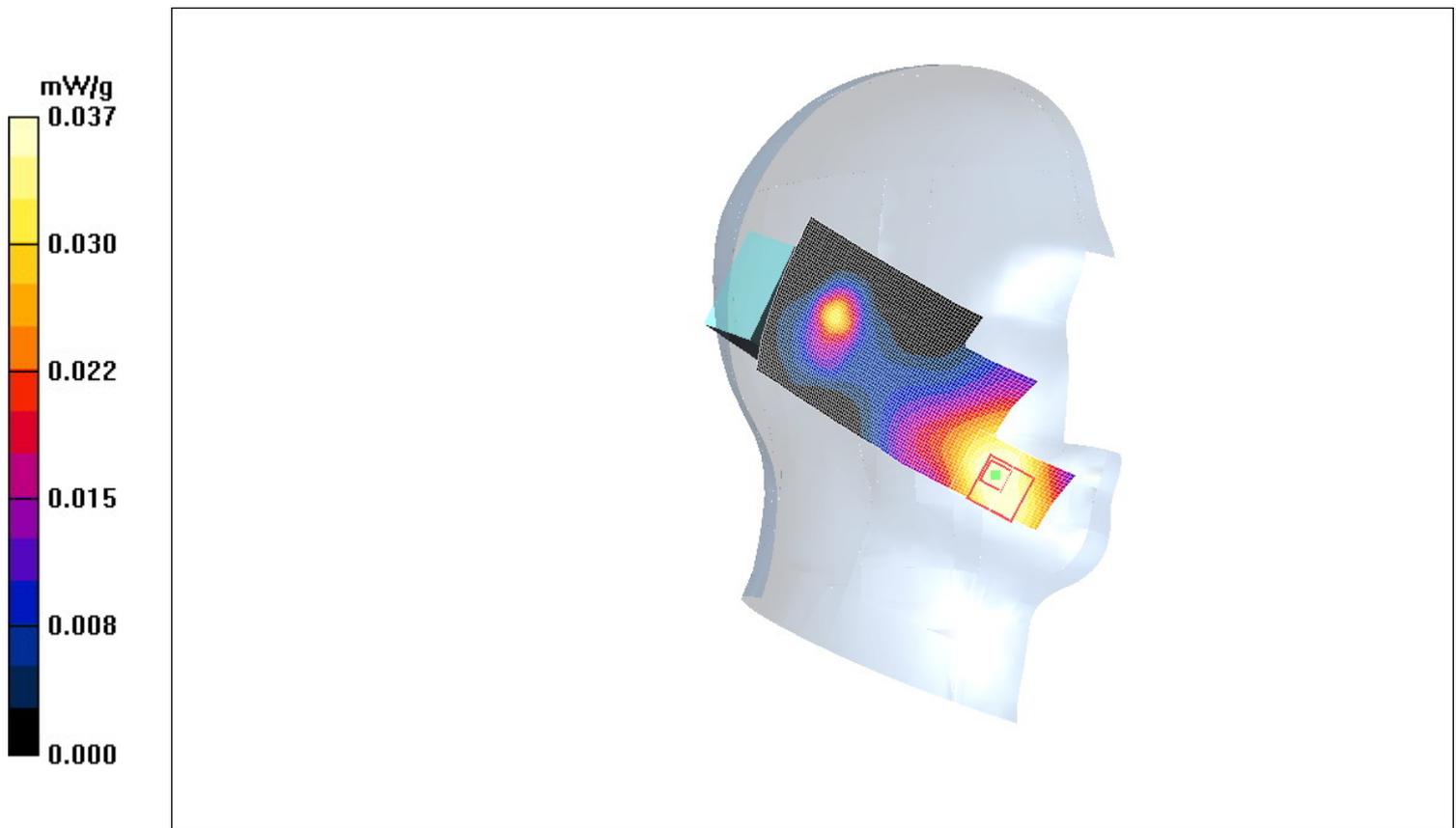


Fig.57 Left Hand Tilt 15°PCS 1900MHz CH512



Fig. 58 Z-Scan at power reference point (PCS 1900MHz CH512)

**PCS 1900 Right Cheek High**

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

Medium: Head 1900MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Cheek High/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.206 mW/g

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

Reference Value = 0.616 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.293 W/kg

**SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.221 mW/g

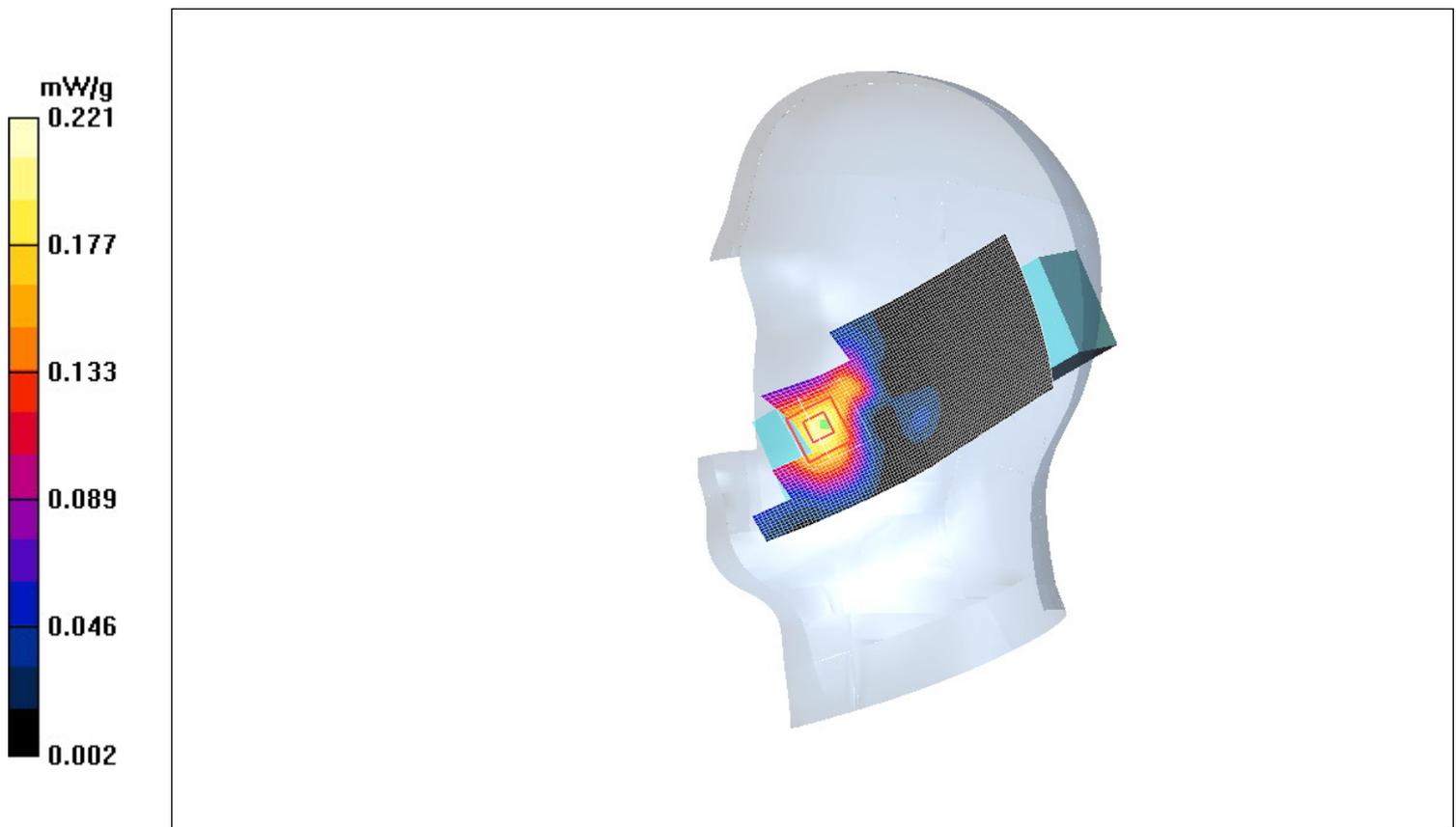


Fig. 59 Right Hand Touch Cheek PCS 1900MHz CH810

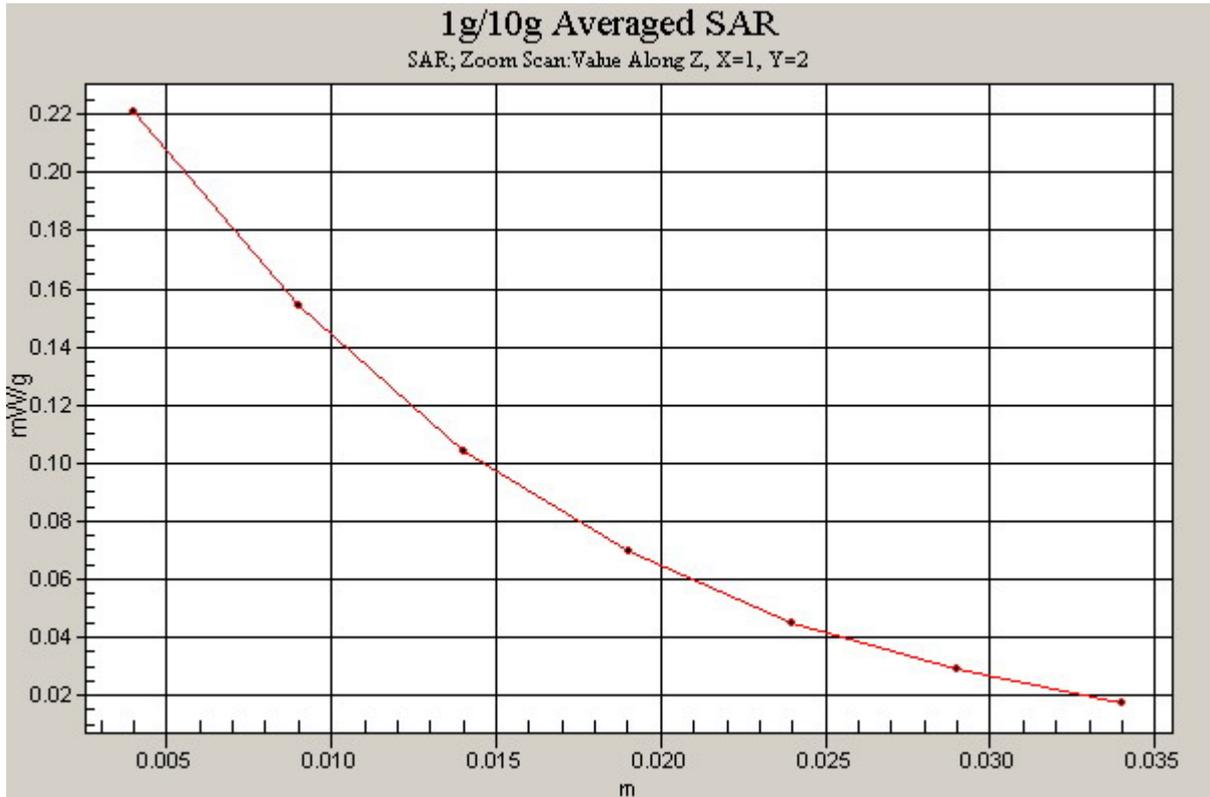


Fig. 60 Z-Scan at power reference point (PCS 1900MHz CH810)

**PCS 1900 Right Cheek Middle**

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

Medium: Head 1900MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Cheek Middle/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.237 mW/g

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

Reference Value = 1.11 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.332 W/kg

**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.156 mW/g**

Maximum value of SAR (measured) = 0.266 mW/g

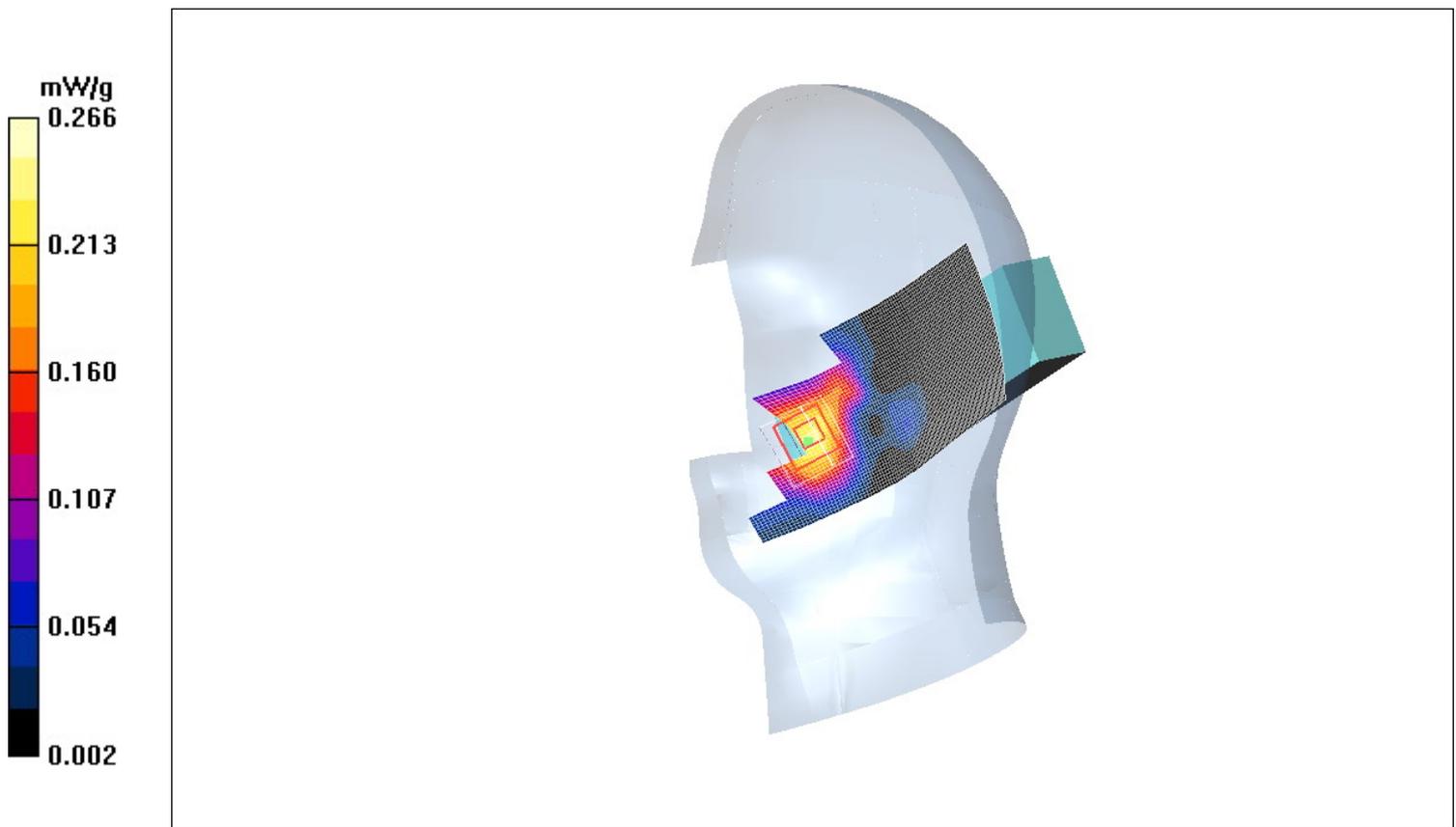


Fig. 61 Right Hand Touch Cheek PCS 1900MHz CH661

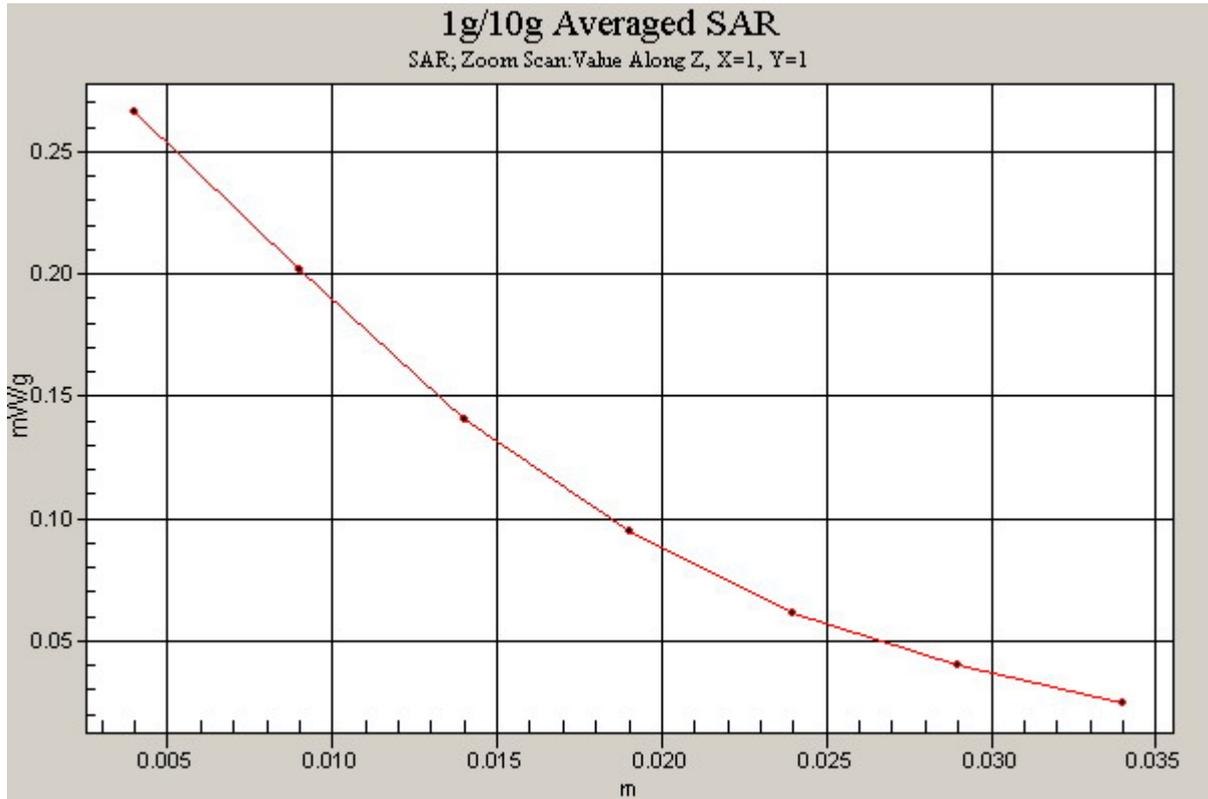


Fig. 62 Z-Scan at power reference point (PCS 1900MHz CH661)

**PCS 1900 Right Cheek Low**

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

Medium: Head 1900MHz

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Cheek Low/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.243 mW/g

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

Reference Value = 1.13 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.332 W/kg

**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.158 mW/g**

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

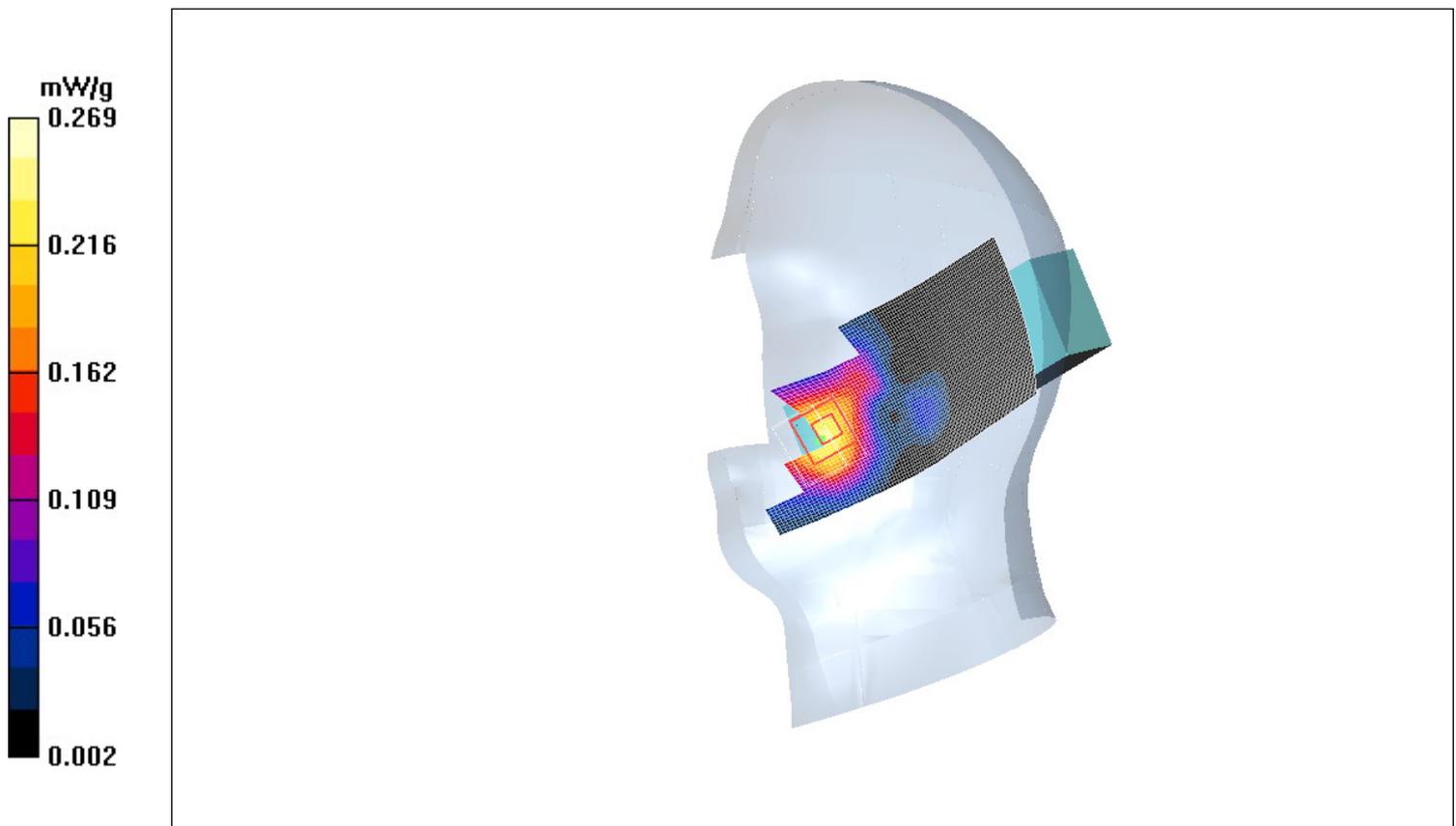


Fig. 63 Right Hand Touch Cheek PCS 1900MHz CH512

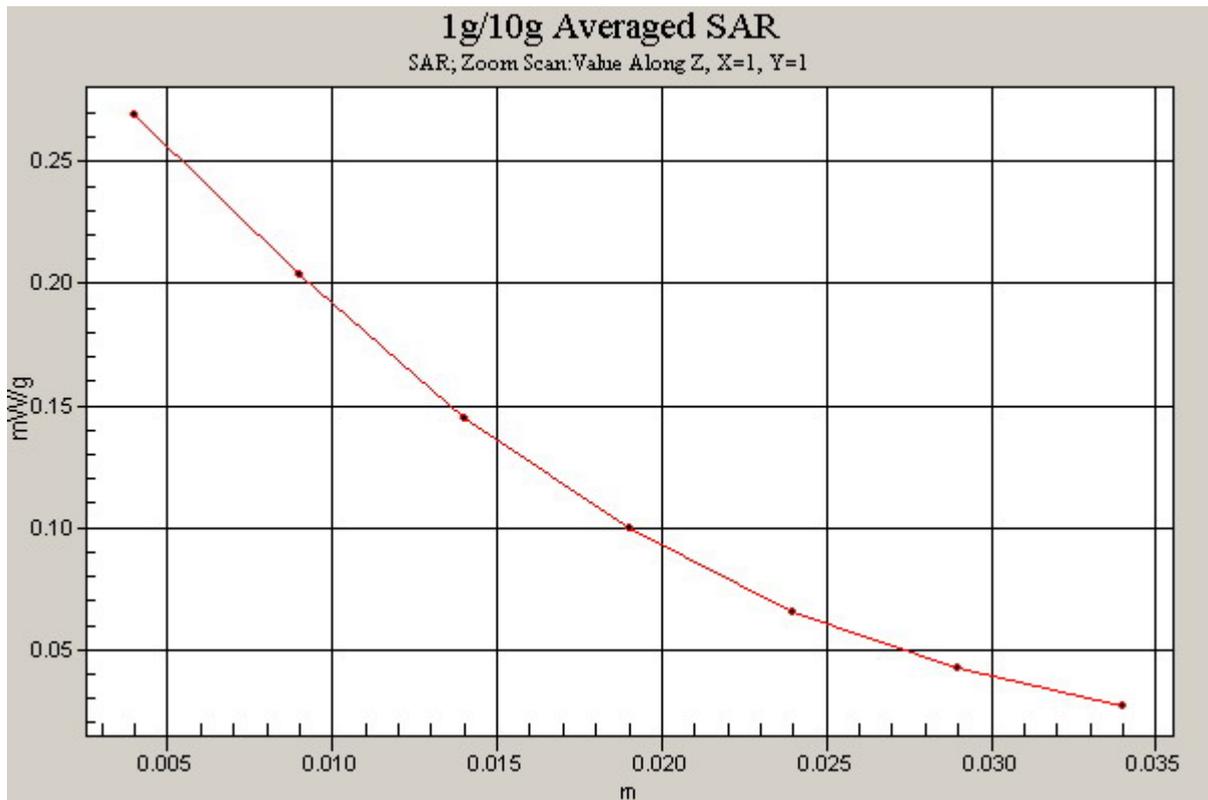


Fig. 64 Z-Scan at power reference point (PCS 1900MHz CH512)

**PCS 1900 Right Tilt High**

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

Medium: Head 1900MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Tilt High/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.029 mW/g

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

Reference Value = 2.53 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.040 W/kg

**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.029 mW/g

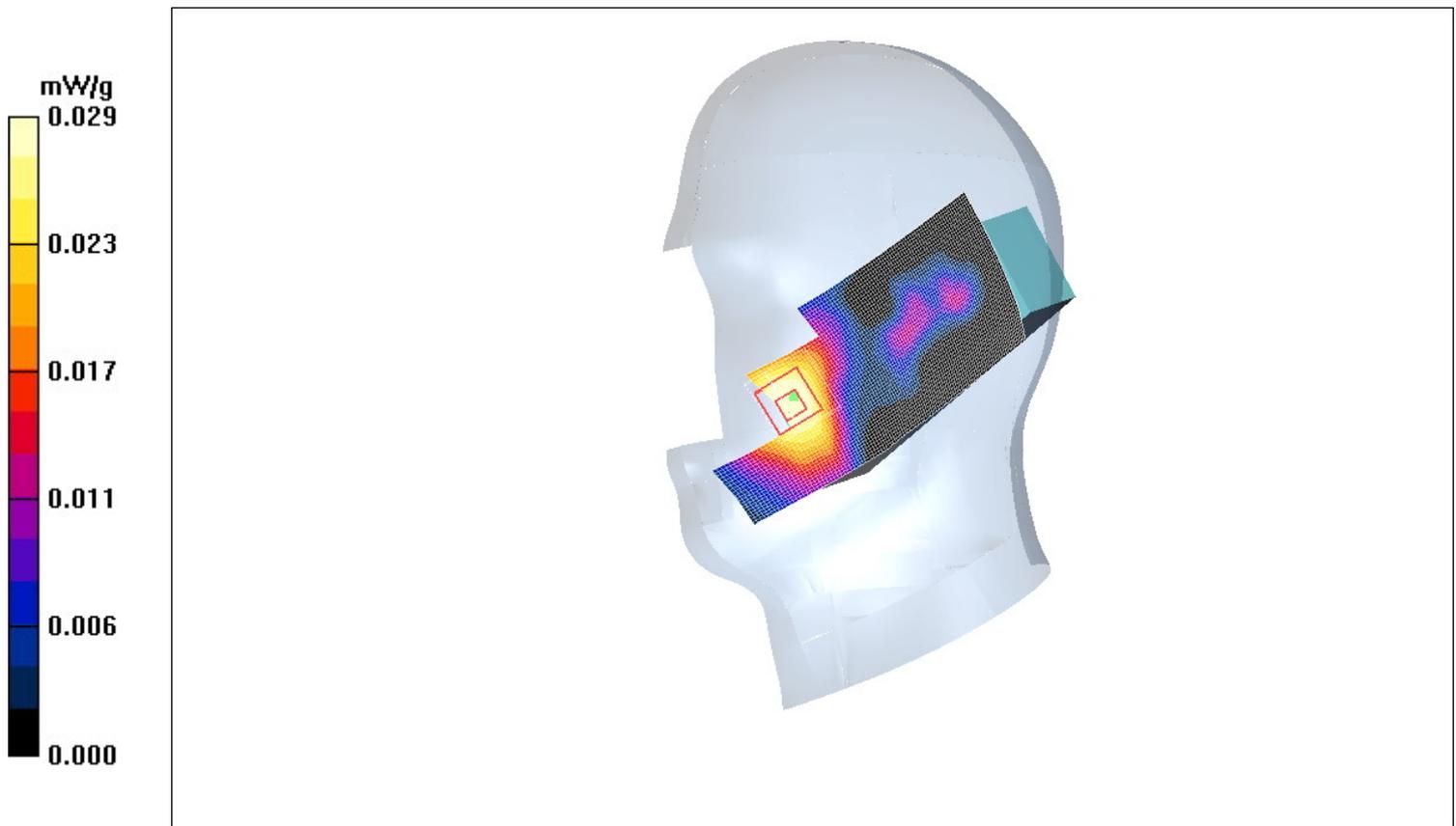


Fig.65 Right Hand Tilt 15°PCS 1900MHz CH810

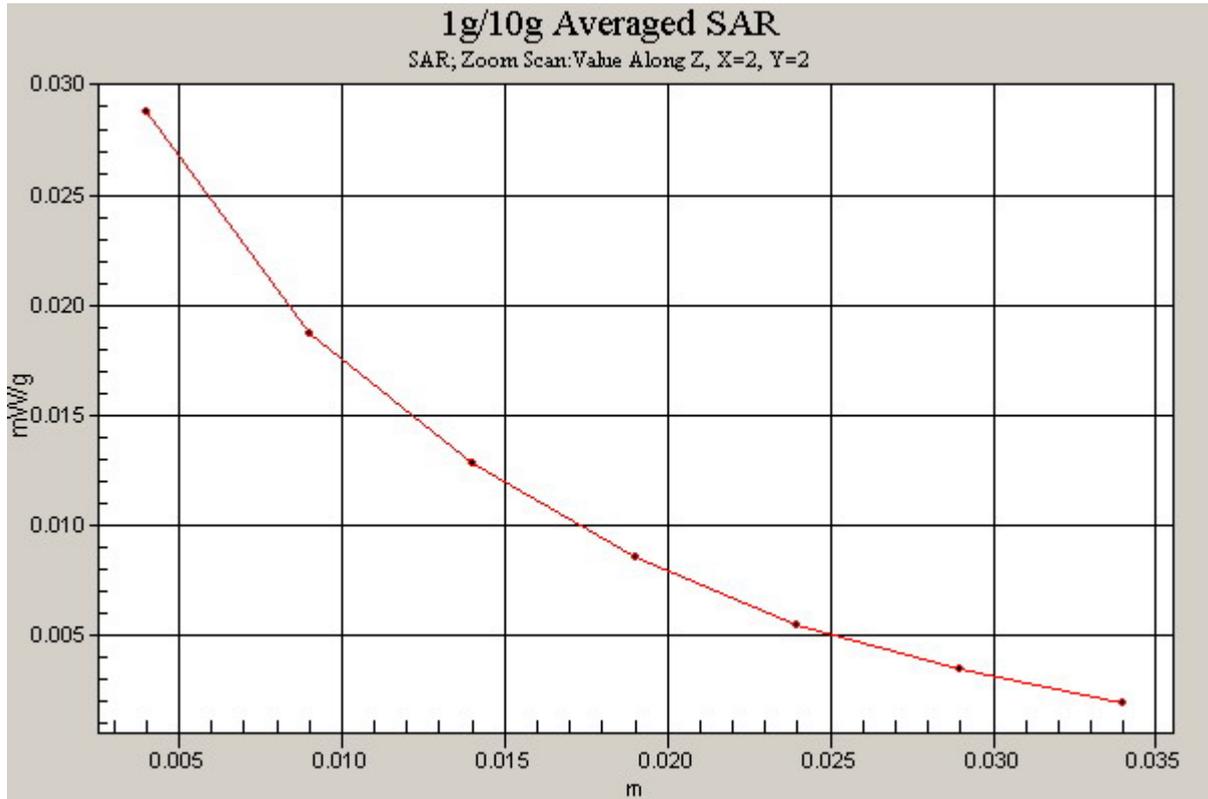


Fig. 66 Z-Scan at power reference point (PCS 1900MHz CH810)

**PCS 1900 Right Tilt Middle**

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

Medium: Head 1900MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Tilt Middle/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.030 mW/g

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

Reference Value = 3.72 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g



Fig.67 Right Hand Tilt 15°PCS 1900MHz CH661



Fig. 68 Z-Scan at power reference point (PCS 1900MHz CH661)

**PCS 1900 Right Tilt Low**

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

Medium: Head 1900MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Tilt Low/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.032 mW/g

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

Reference Value = 4.22 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.029 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g

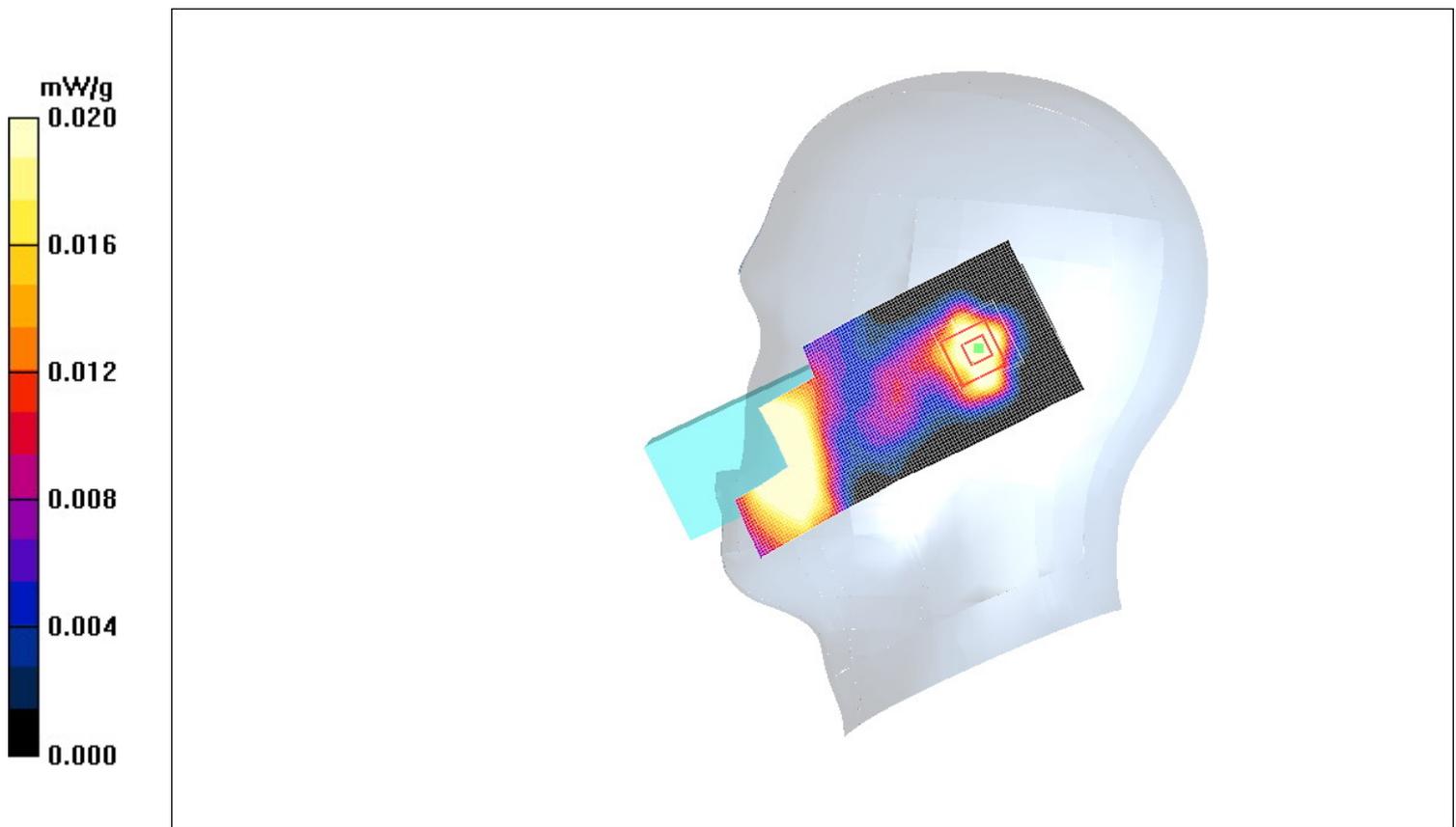


Fig.69 Right Hand Tilt 15°PCS 1900MHz CH512

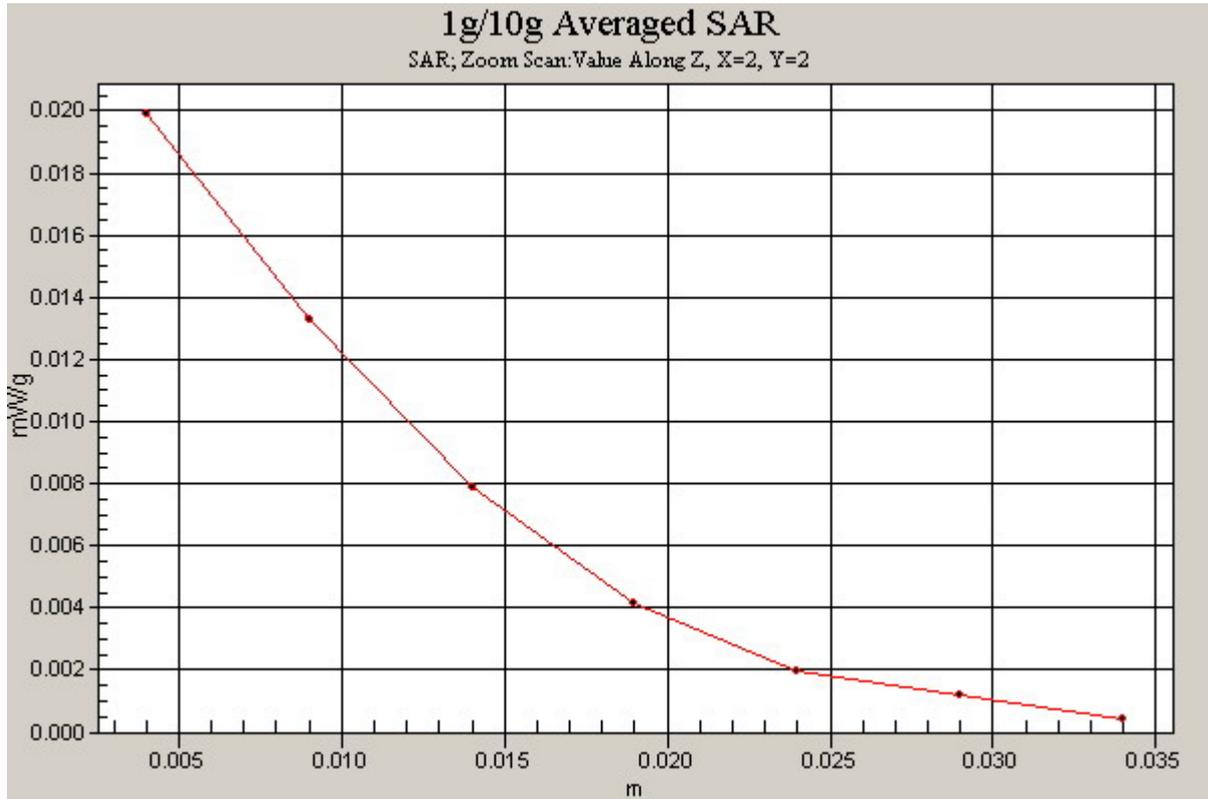


Fig.70 Z-Scan at power reference point (PCS 1900MHz CH512)

**PCS 1900 Towards the ground High**

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

Medium: Body 1900MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.300 mW/g

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

Reference Value = 6.09 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.177 mW/g**

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

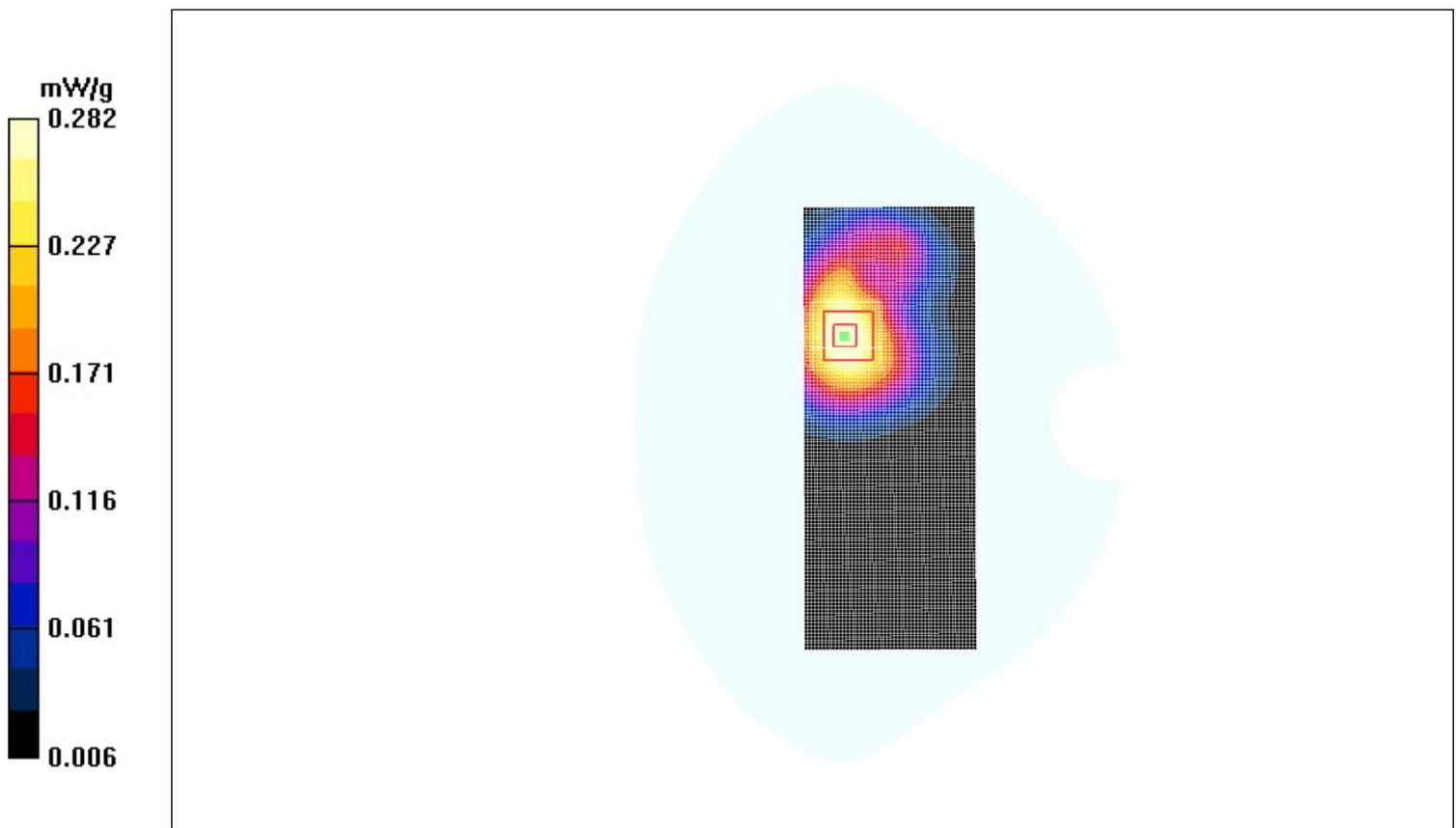


Fig. 71 Body, Towards the ground, PCS 1900MHz, CH810

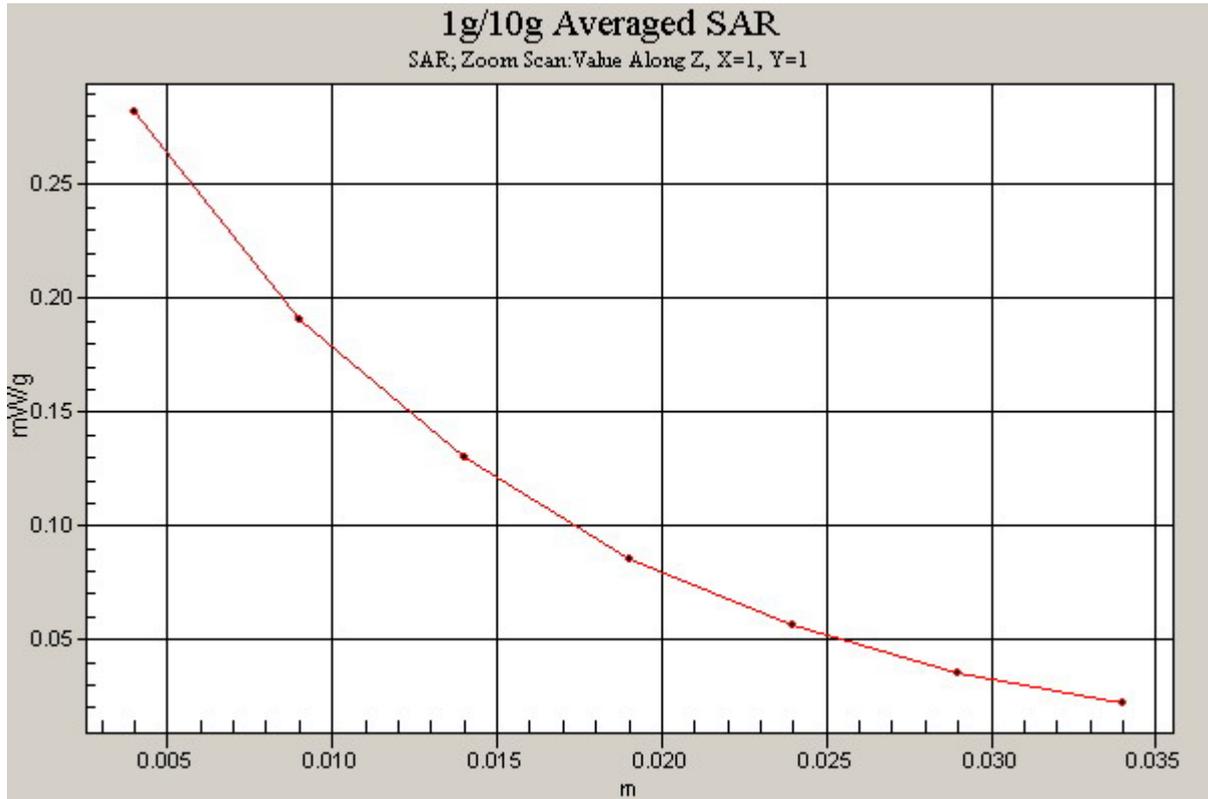


Fig. 72 Z-Scan at power reference point (Body, Towards the ground, PCS 1900MHz, CH810)

**PCS 1900 Towards the ground Middle**

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

Medium: Body 1900MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.329 mW/g

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

Reference Value = 6.29 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.427 W/kg

**SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.312 mW/g

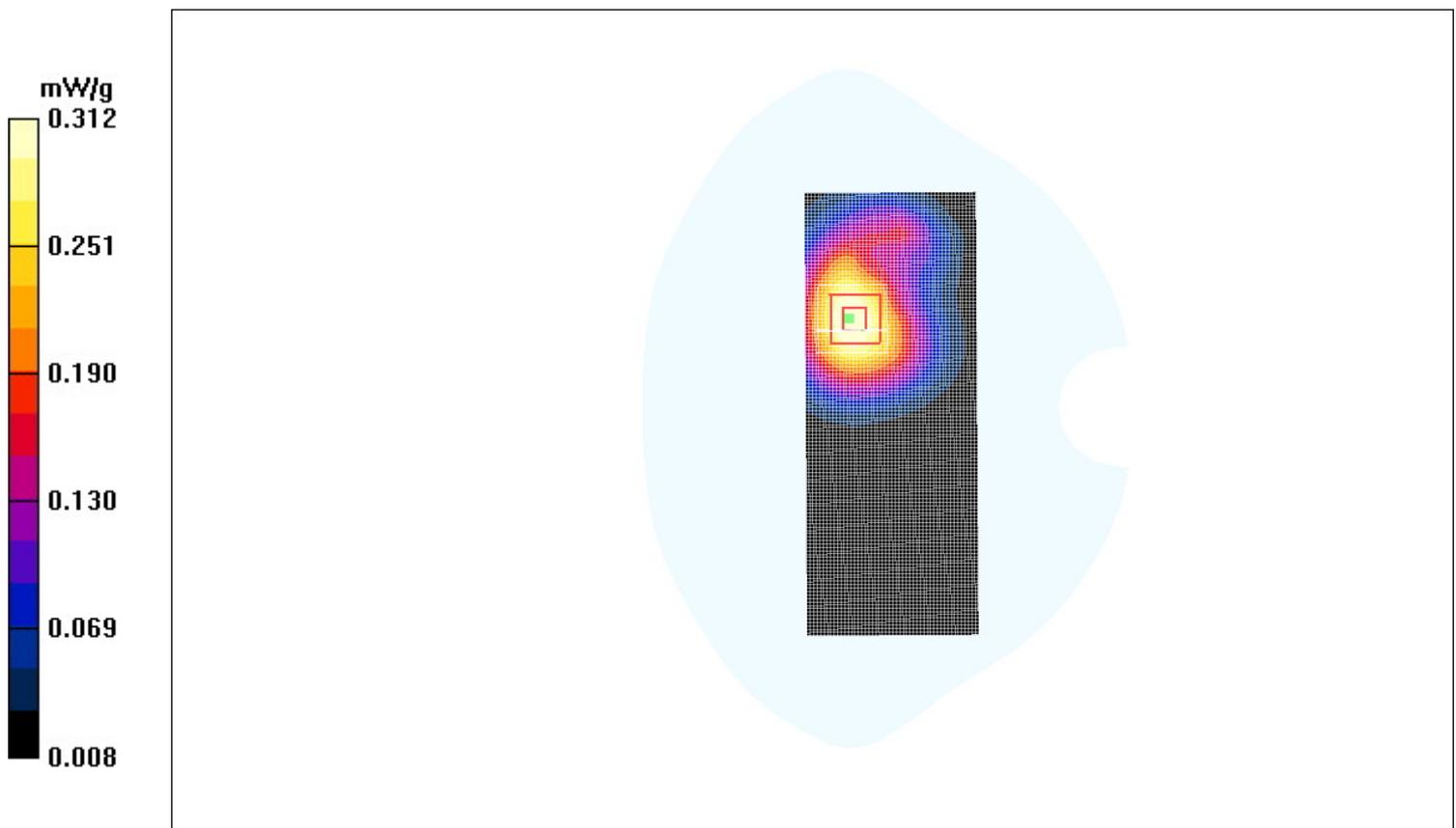


Fig. 73 Body, Towards the ground, PCS 1900MHz, CH661



Fig. 74 Z-Scan at power reference point (Body, Towards the ground, PCS 1900MHz, CH661)

**PCS 1900 Towards the ground Low**

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

Medium: Body 1900MHz

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

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

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

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

Reference Value = 6.00 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.439 W/kg

**SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 0.333 mW/g

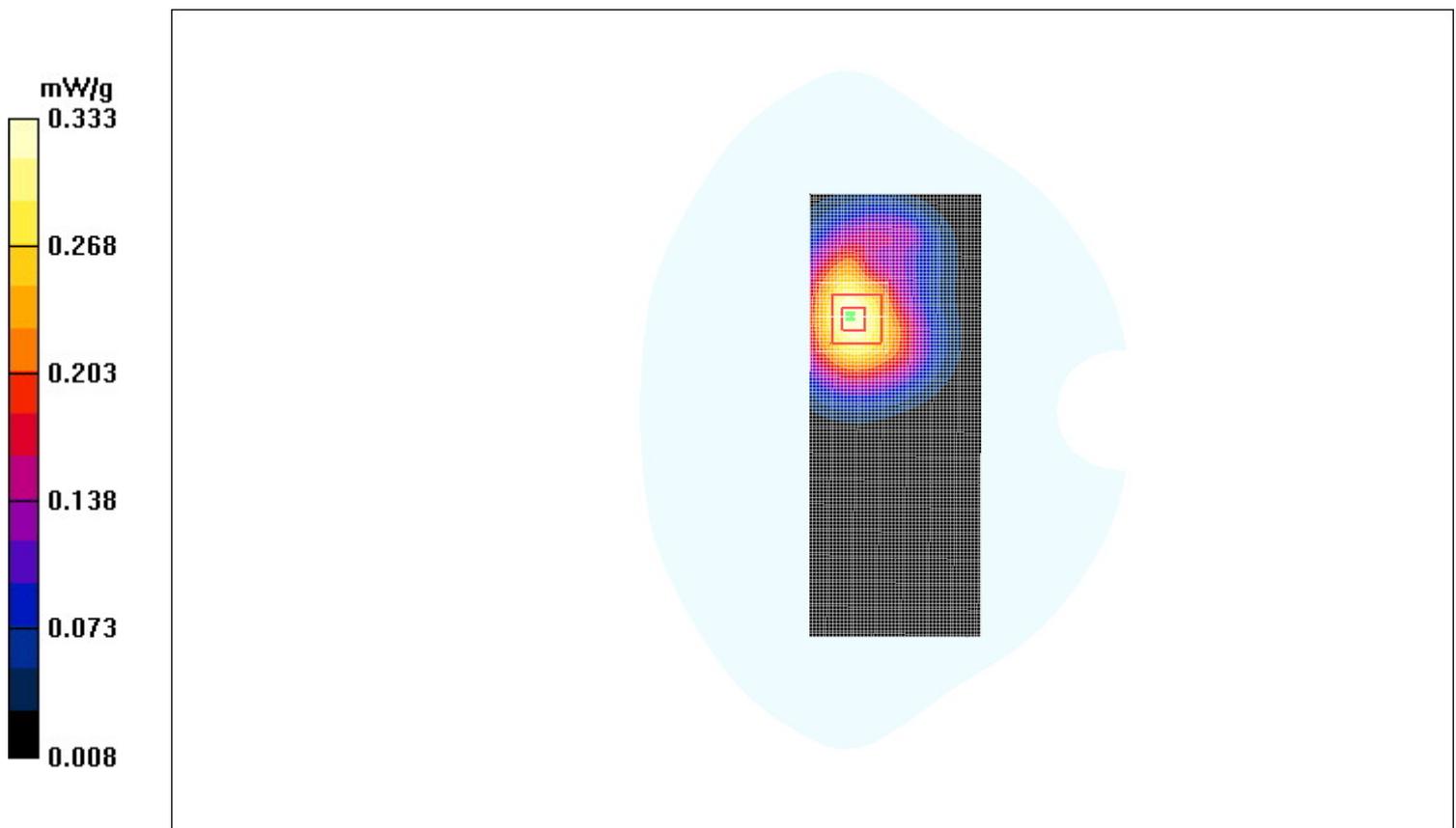


Fig. 75 Body, Towards the ground, PCS 1900MHz, CH512

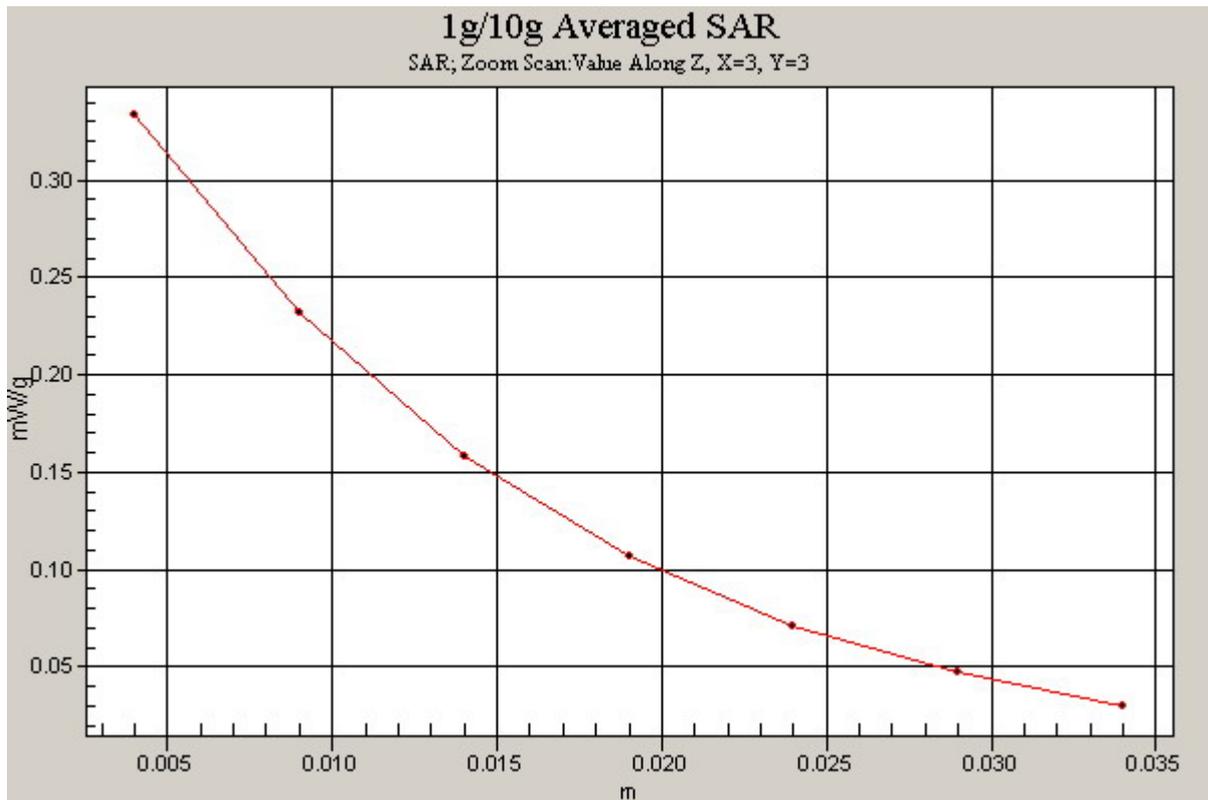


Fig. 76 Z-Scan at power reference point (Body, Towards the ground, PCS 1900MHz, CH512)

**Bluetooth earphone PCS 1900 Towards the ground Low**

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

Medium: Body 1900MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.339 mW/g

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

Reference Value = 7.31 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.440 W/kg

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.209 mW/g**

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

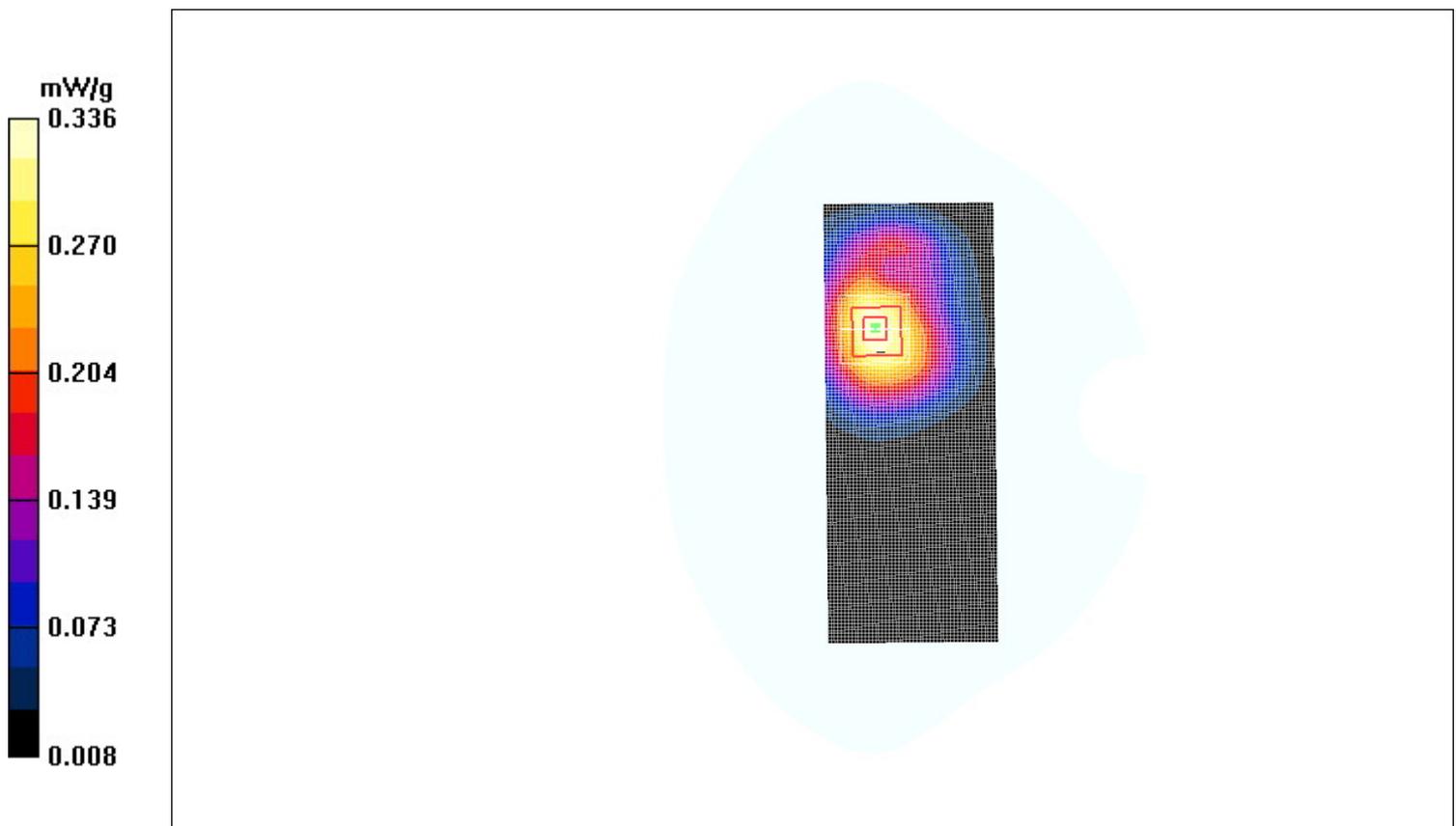


Fig. 77 Body Bluetooth with earphone, Towards the ground, PCS 1900MHz, CH512



**Fig. 78 Z-Scan at power reference point  
(Body with Bluetooth earphone, Towards the ground, PCS 1900MHz, CH512)**

**PCS 1900+GPRS Towards the ground High**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);  
- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.559 mW/g

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

Reference Value = 8.58 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.733 W/kg

**SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 0.522 mW/g

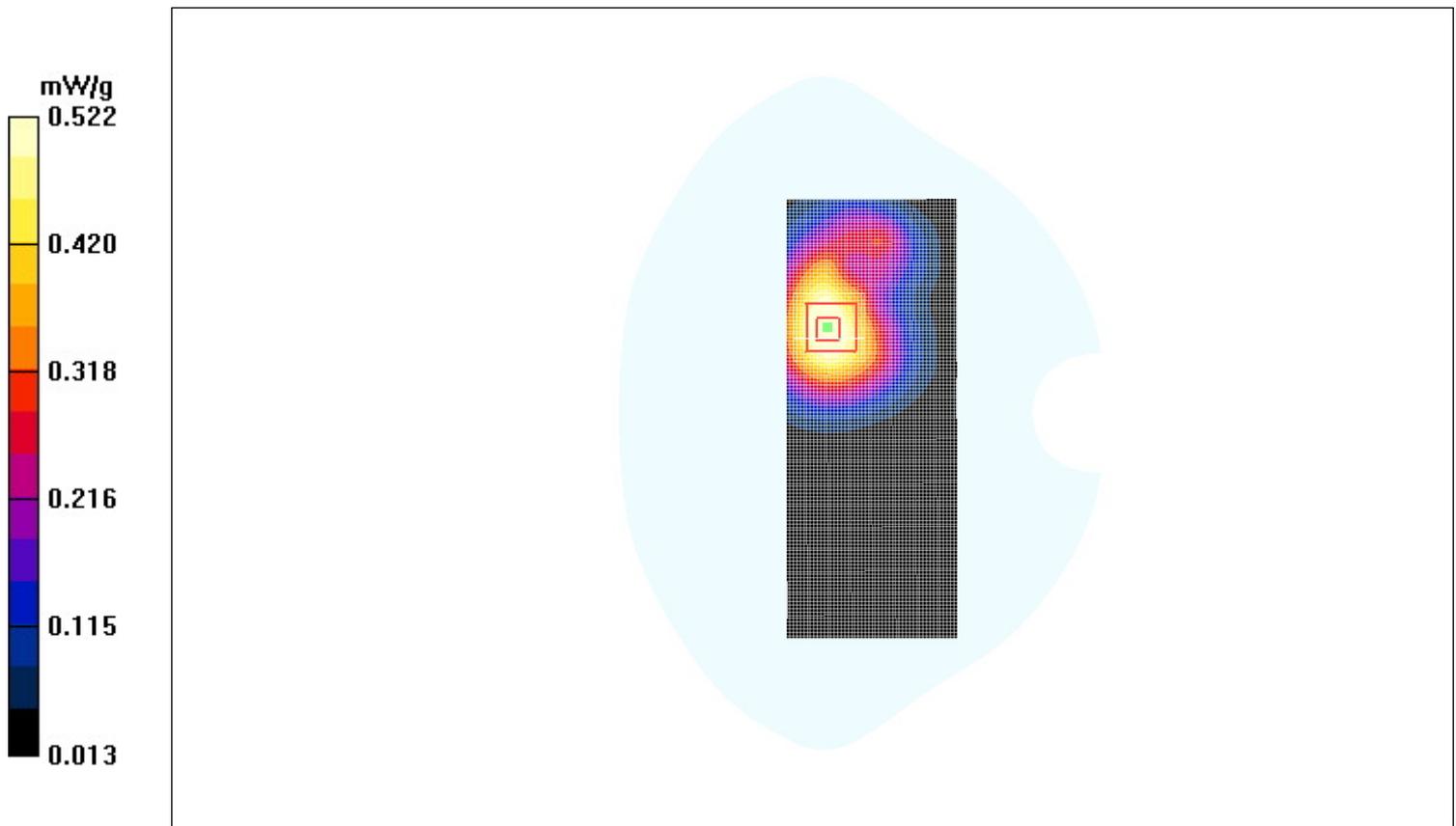


Fig. 79 Body, Towards the ground, PCS 1900MHz+GPRS, CH810

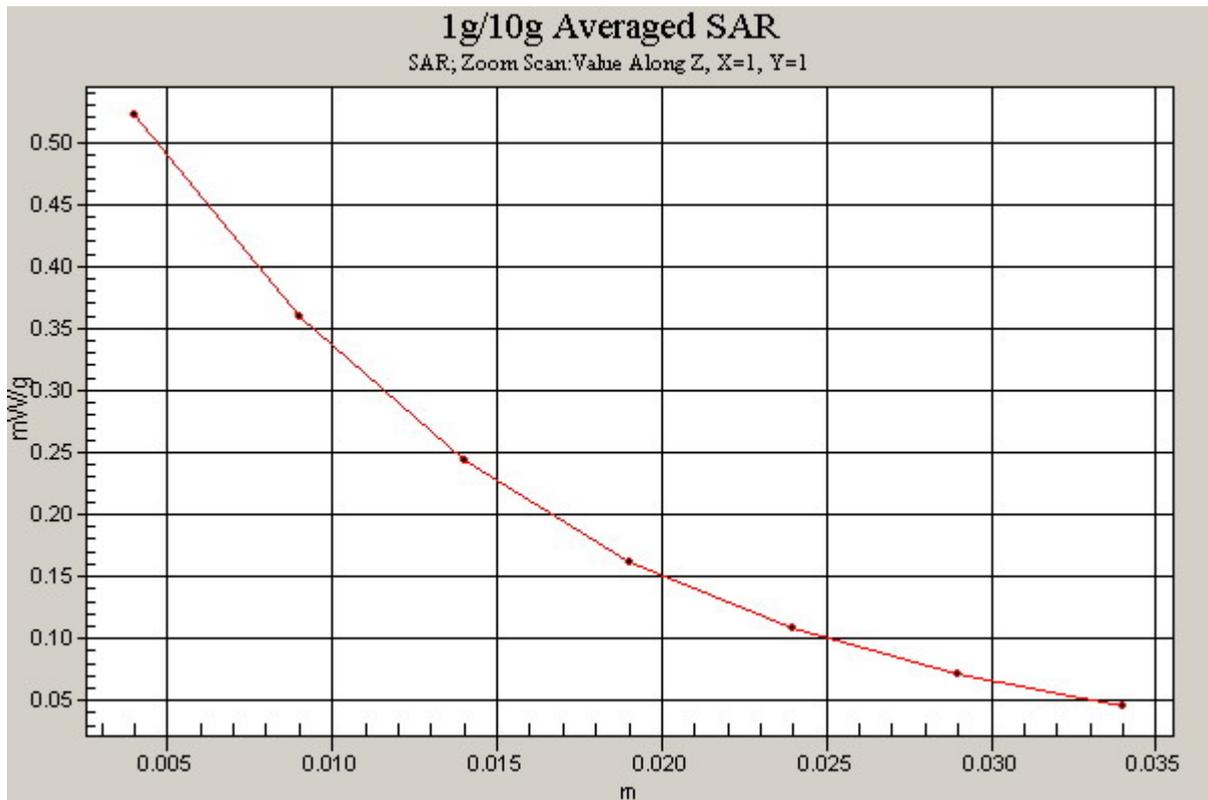


Fig. 80 Z-Scan at power reference point (Body, Towards the ground, PCS 1900MHz+GPRS, CH810)

**PCS 1900+GPRS Towards the ground Middle**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.610 mW/g

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

Reference Value = 8.76 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.368 mW/g**

Maximum value of SAR (measured) = 0.596 mW/g

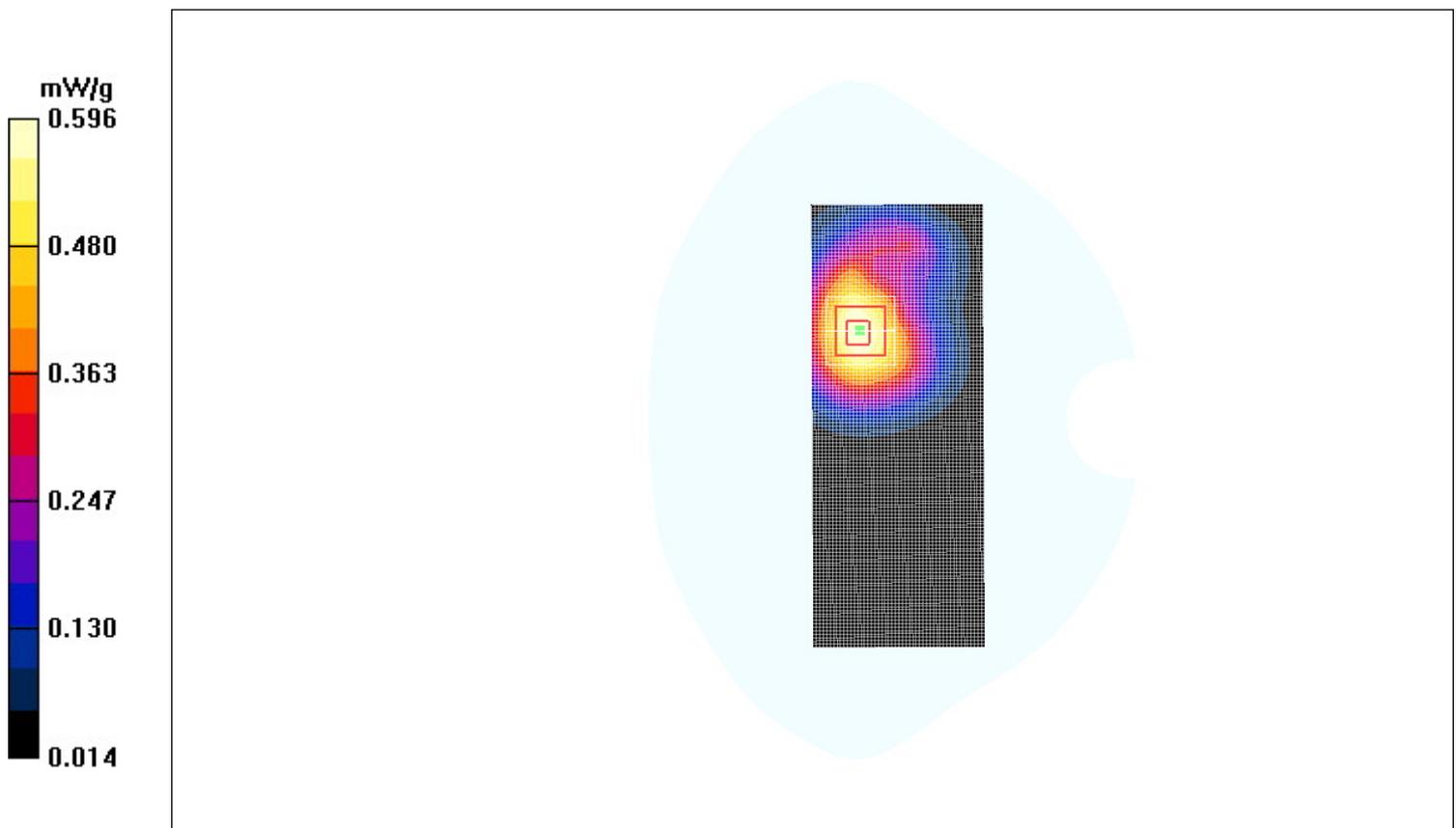


Fig.81 Body, Towards the ground, PCS 1900MHz+GPRS, CH661



Fig. 82 Z-Scan at power reference point (Body, Towards the ground, PCS 1900MHz+GPRS, CH661)

**PCS 1900+GPRS Towards the ground Low**

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

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.627 mW/g

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

Reference Value = 8.89 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.789 W/kg

**SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.367 mW/g**

Maximum value of SAR (measured) = 0.620 mW/g

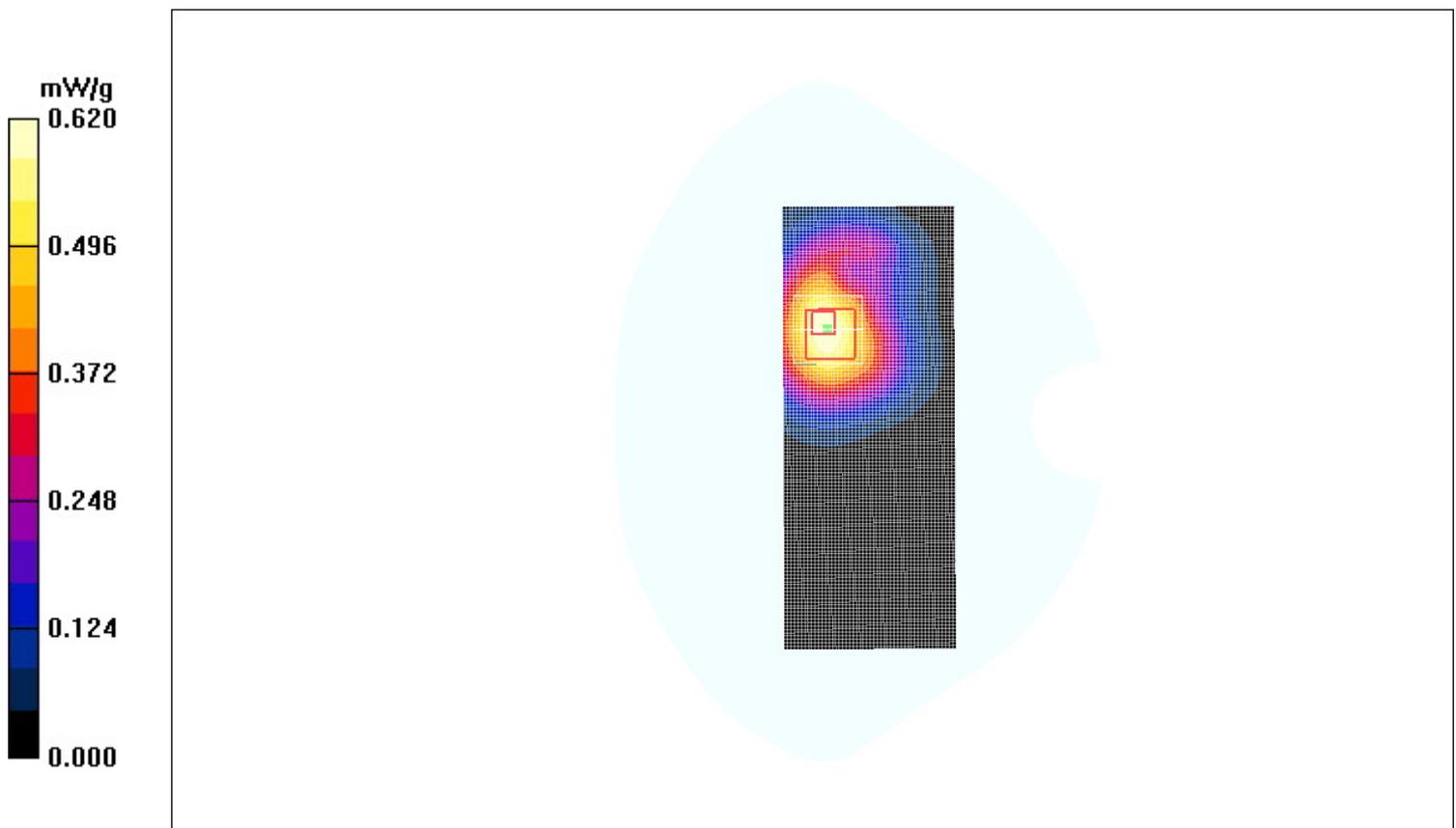


Fig. 83 Body, Towards the ground, PCS 1900MHz+GPRS, CH512



Fig. 84 Z-Scan at power reference point (Body, Towards the ground, PCS 1900MHz+GPRS, CH512)

**PCS 1900+EGPRS Towards the ground Low**

Communication System: PCS 1900+EGPRS(2Up); Frequency: 1850.2 MHz; Duty Cycle: 1:4  
Medium: Body 1900MHz

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(4.64, 4.64, 4.64);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.227 mW/g

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

Reference Value = 5.10 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.136 mW/g**

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

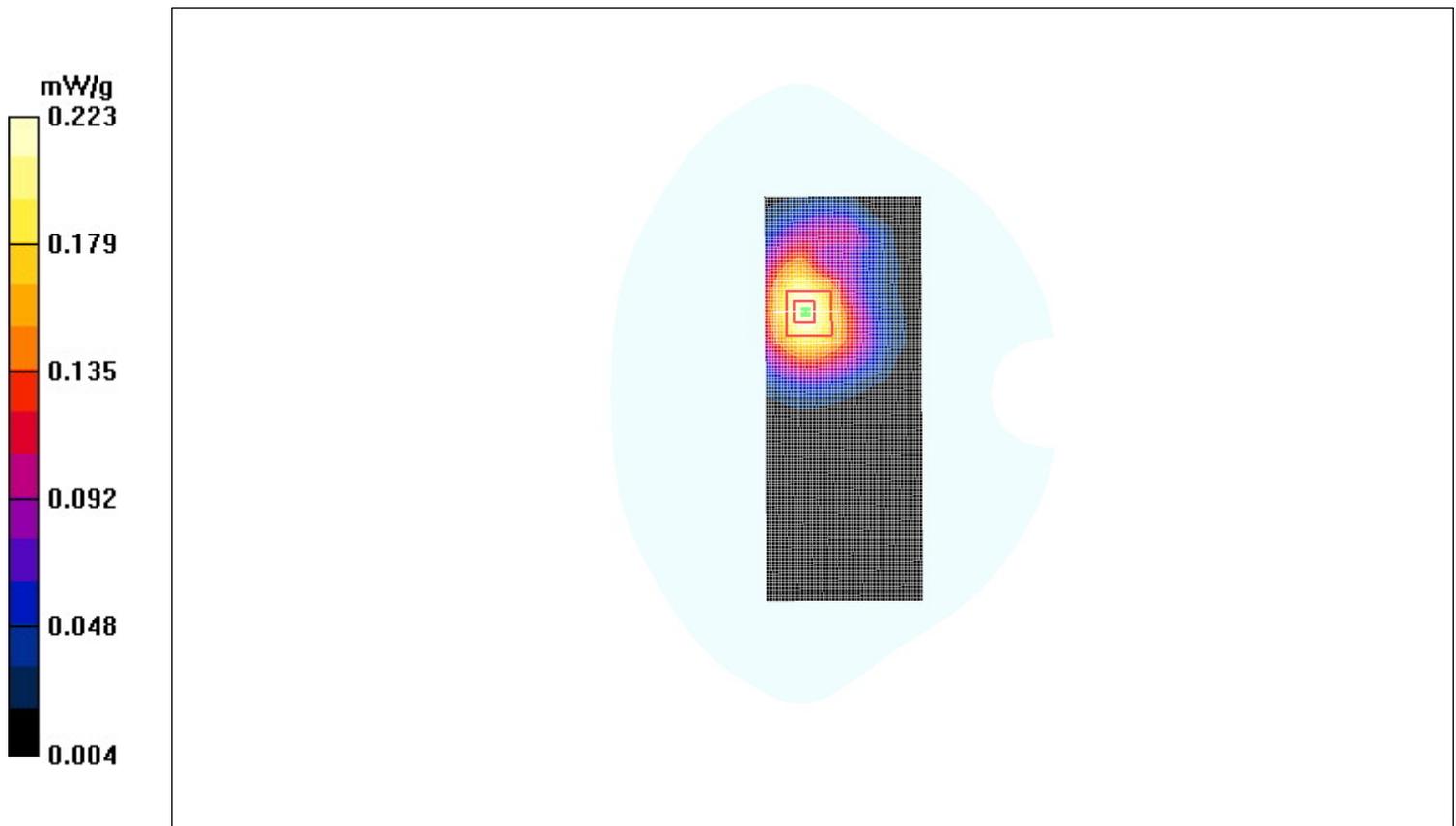


Fig. 85 Body, Towards the ground, PCS 1900MHz+EGPRS, CH512



Fig. 86 Z-Scan at power reference point (Body, Towards the ground, PCS 1900MHz+EGPRS, CH512)

**WCDMA II Left Cheek High**

Communication System: WCDMA II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Cheek High/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.668 mW/g

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

Reference Value = 1.16 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.891 W/kg

**SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.646 mW/g

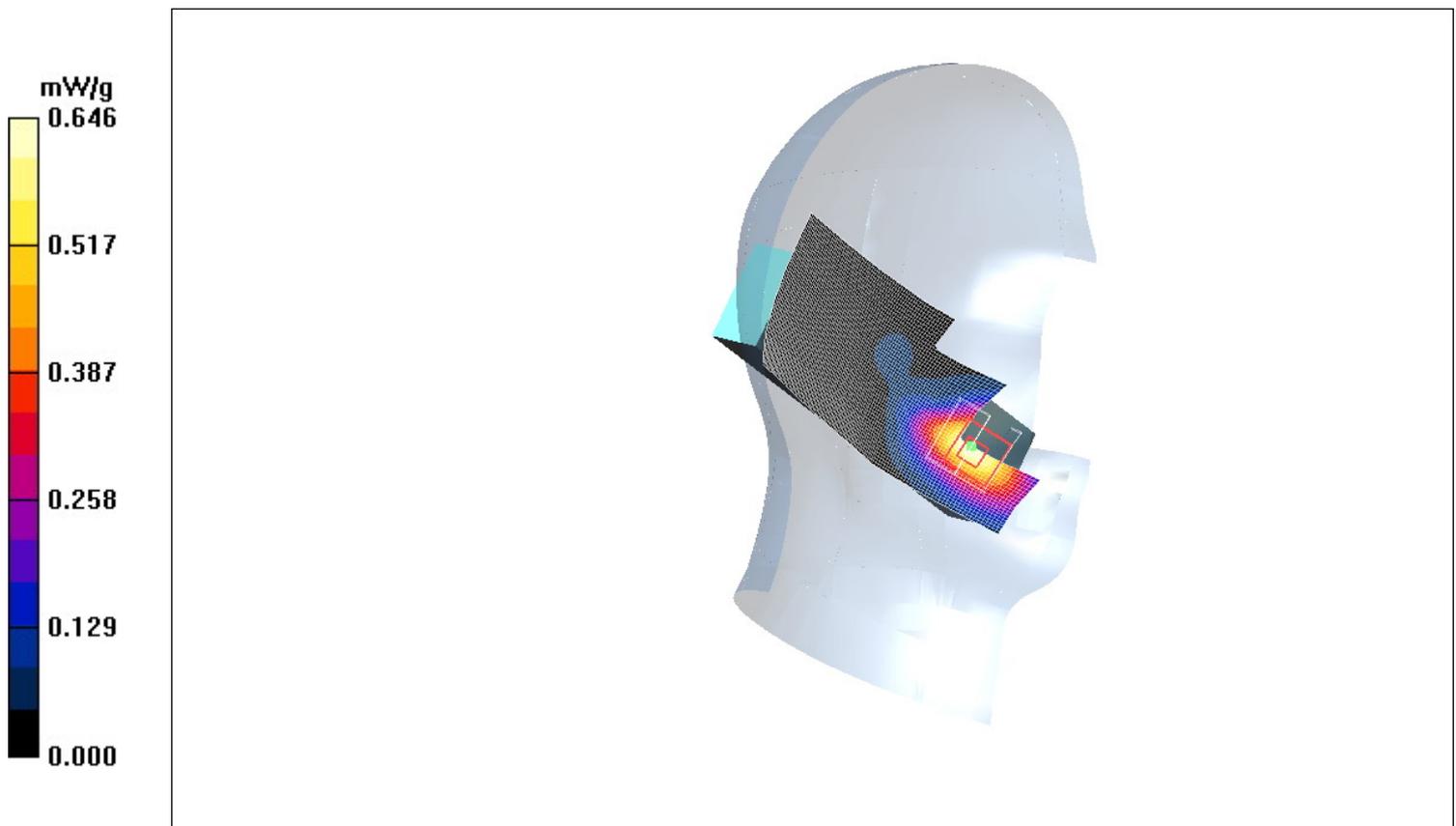


Fig. 87 Left Hand Touch Cheek WCDMA II CH9538

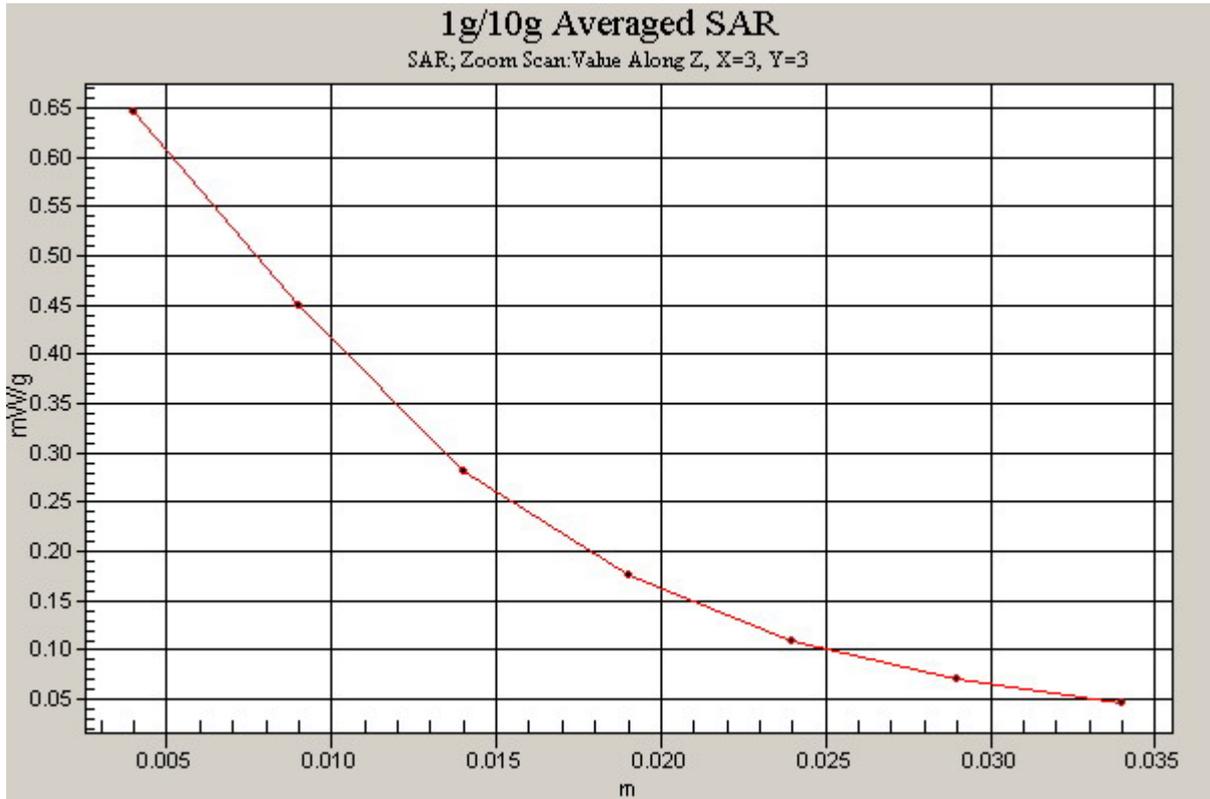


Fig. 88 Z-Scan at power reference point (WCDMA II CH9538)

**WCDMA II Left Cheek Middle**

Communication System: WCDMA II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Cheek Middle/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.704 mW/g

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

Reference Value = 1.47 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.963 W/kg

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.391 mW/g**

Maximum value of SAR (measured) = 0.710 mW/g

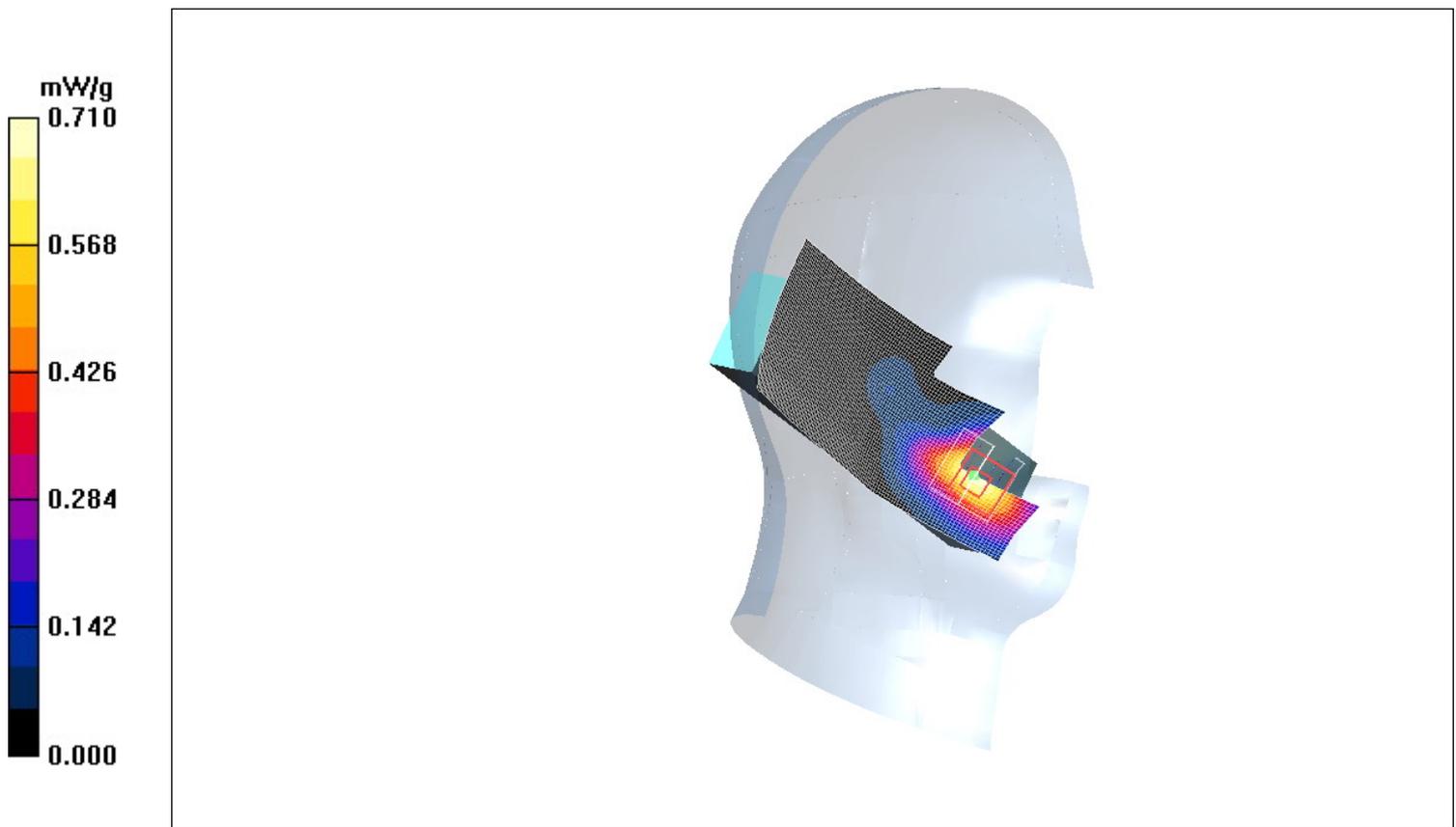


Fig. 89 Left Hand Touch Cheek WCDMA II CH9400

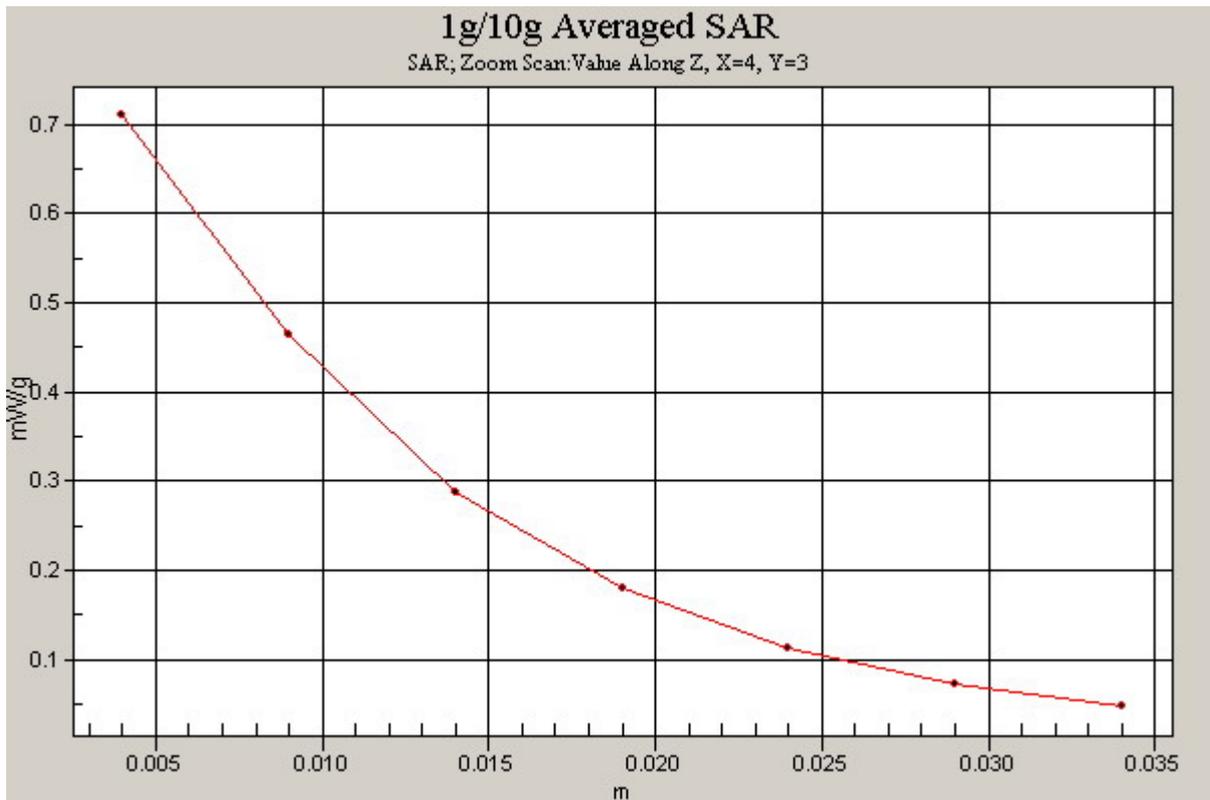


Fig. 90 Z-Scan at power reference point (WCDMA II CH9400)

**WCDMA II Left Cheek Low**

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium: Head 1900MHz

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(5.15, 5.15, 5.15);

- Electronics: DAE3 Sn452;

**Cheek Low/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.908 mW/g

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

Reference Value = 1.89 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.512 mW/g**

Maximum value of SAR (measured) = 0.900 mW/g

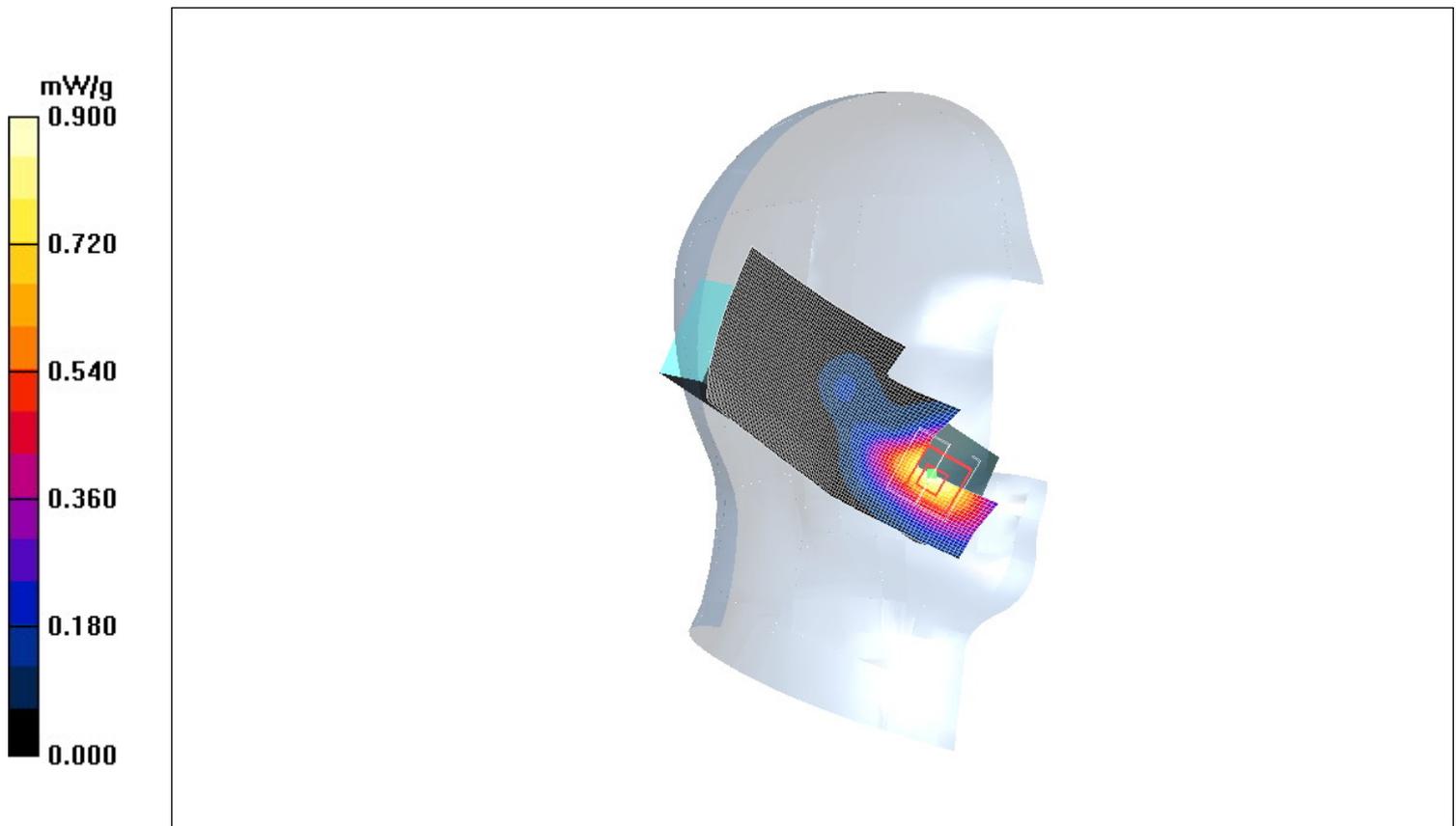


Fig. 91 Left Hand Touch Cheek WCDMA II CH9262