



Fig. 92 Z-Scan at power reference point (WCDMA II CH9262)

**WCDMA II Left Tilt 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;

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

Maximum value of SAR (interpolated) = 0.053 mW/g

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

Reference Value = 3.28 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.074 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.052 mW/g

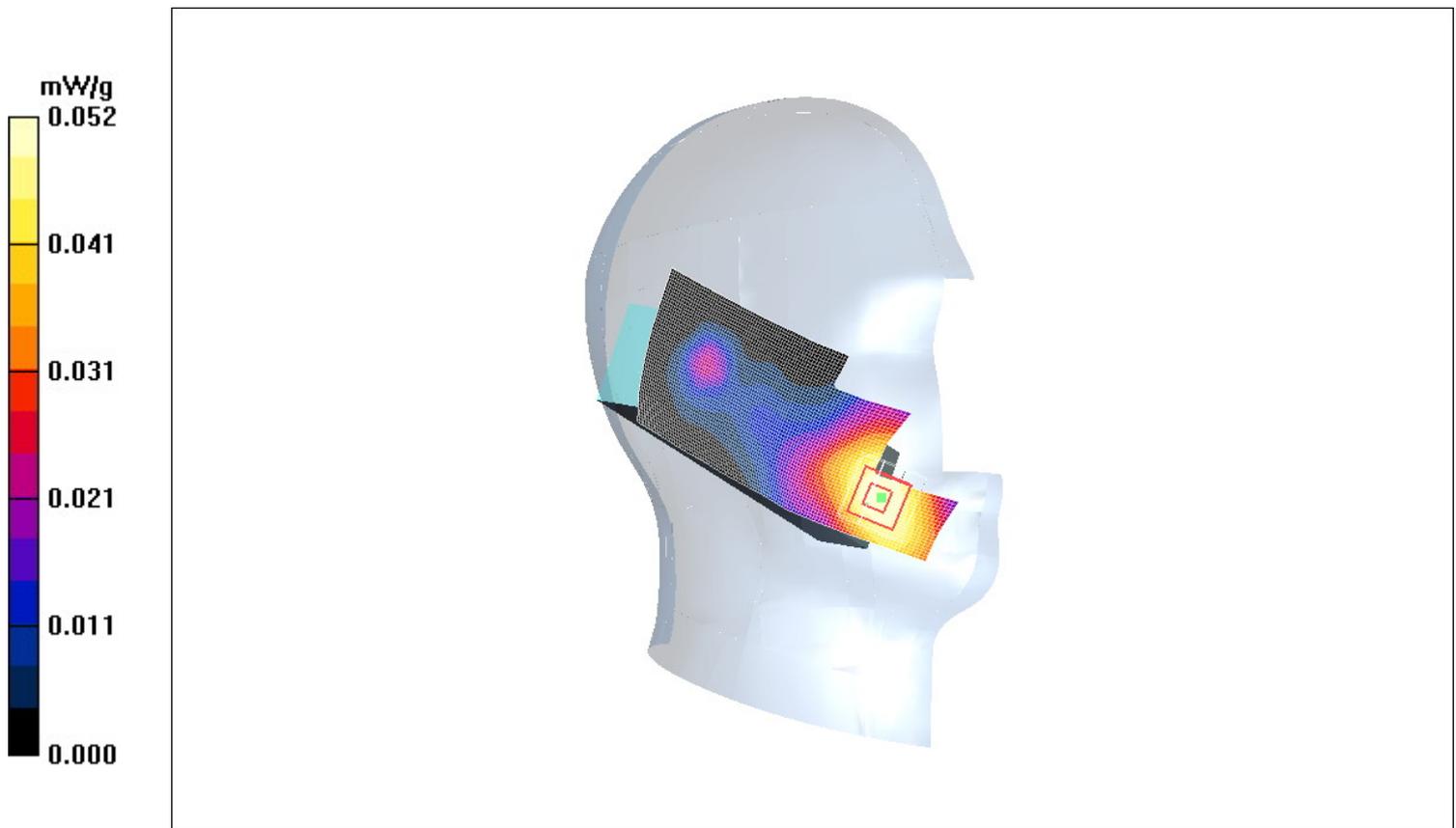


Fig.93 Left Hand Tilt 15°WCDMA II CH9538



Fig. 94 Z-Scan at power reference point (WCDMA II CH9538)

**WCDMA II Left Tilt 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;

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

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

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

Reference Value = 4.25 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.080 W/kg

**SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g

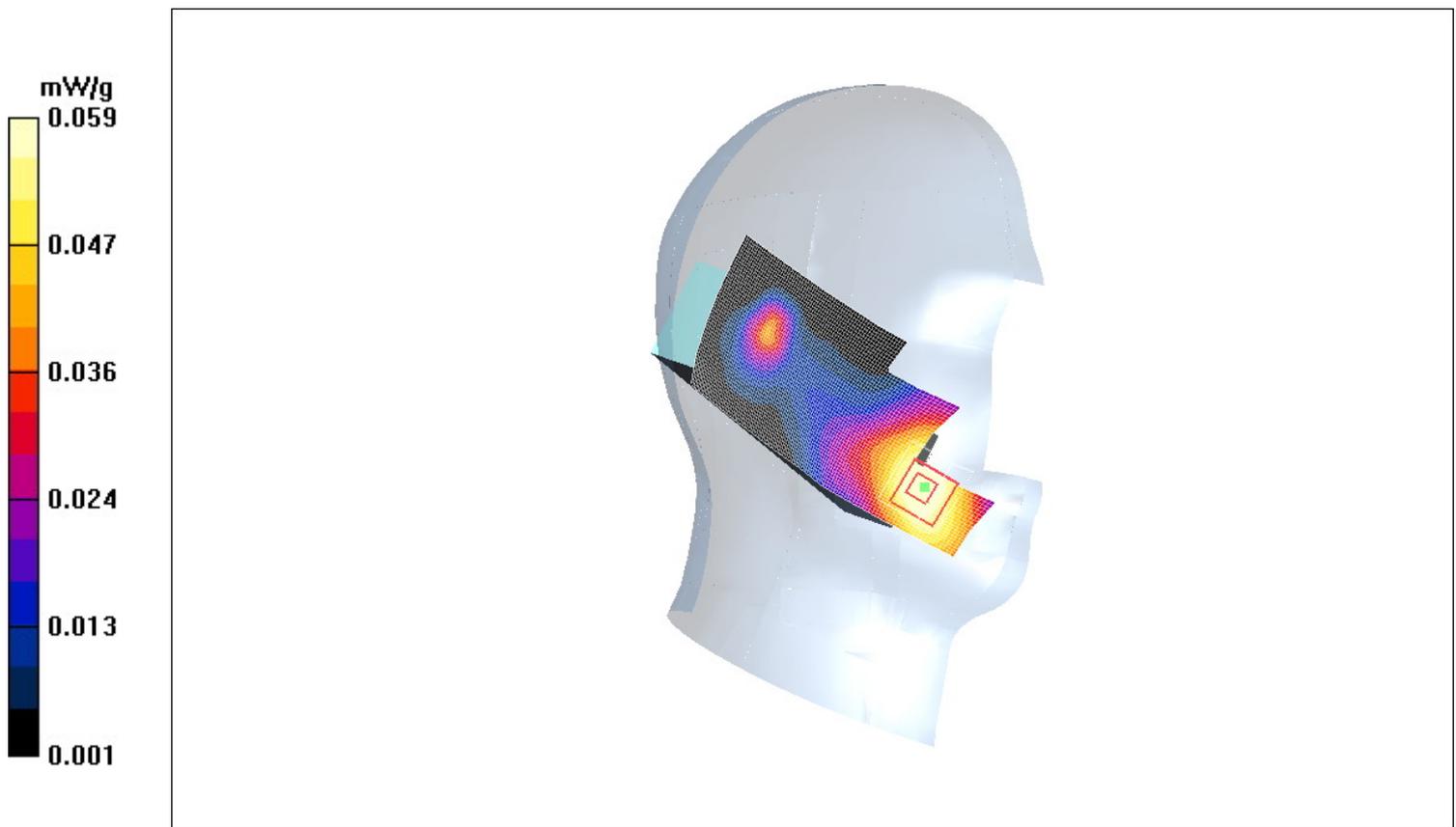


Fig.95 Left Hand Tilt 15°WCDMA II CH9400

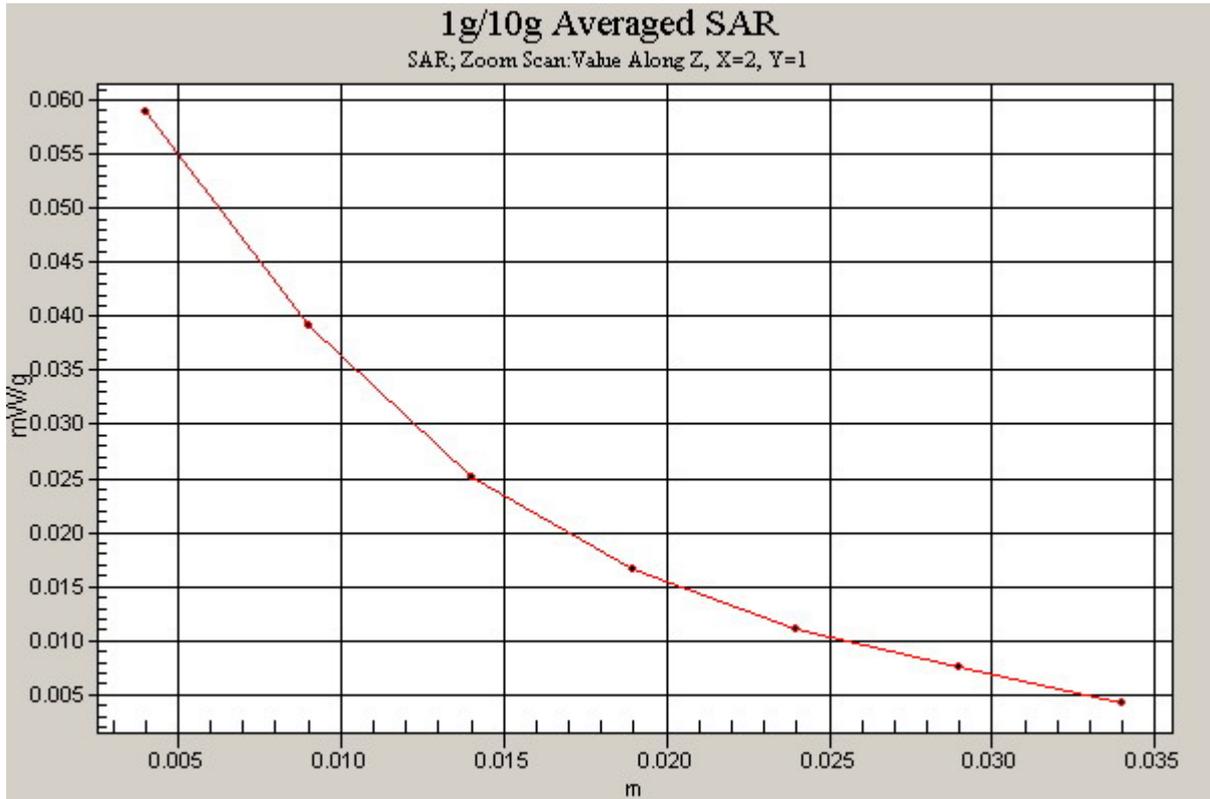


Fig. 96 Z-Scan at power reference point (WCDMA II CH9400)

**WCDMA II Left Tilt 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;

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

Maximum value of SAR (interpolated) = 0.073 mW/g

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

Reference Value = 5.37 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.099 W/kg

**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.072 mW/g

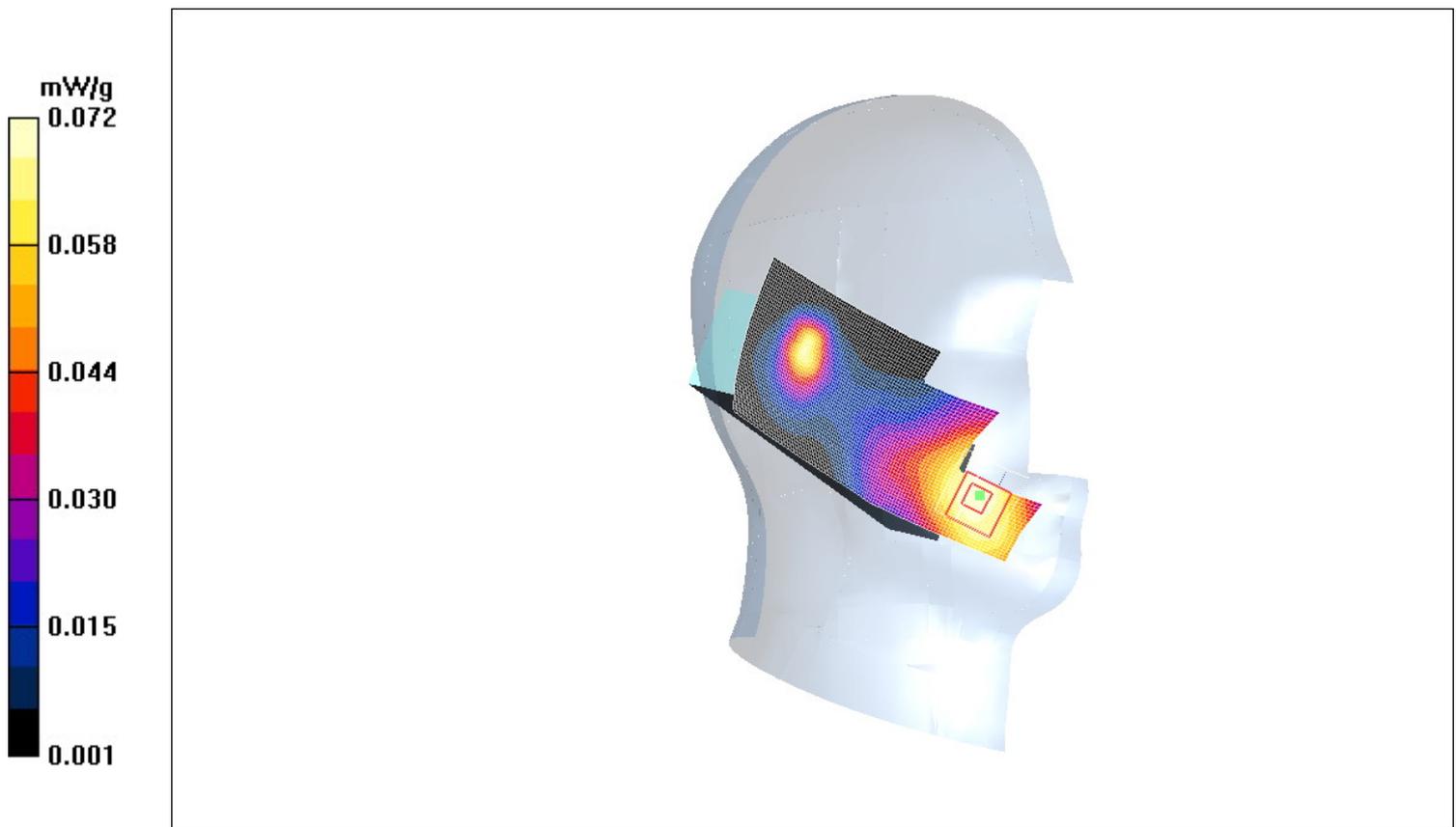


Fig.97 Left Hand Tilt 15°WCDMA II CH9262

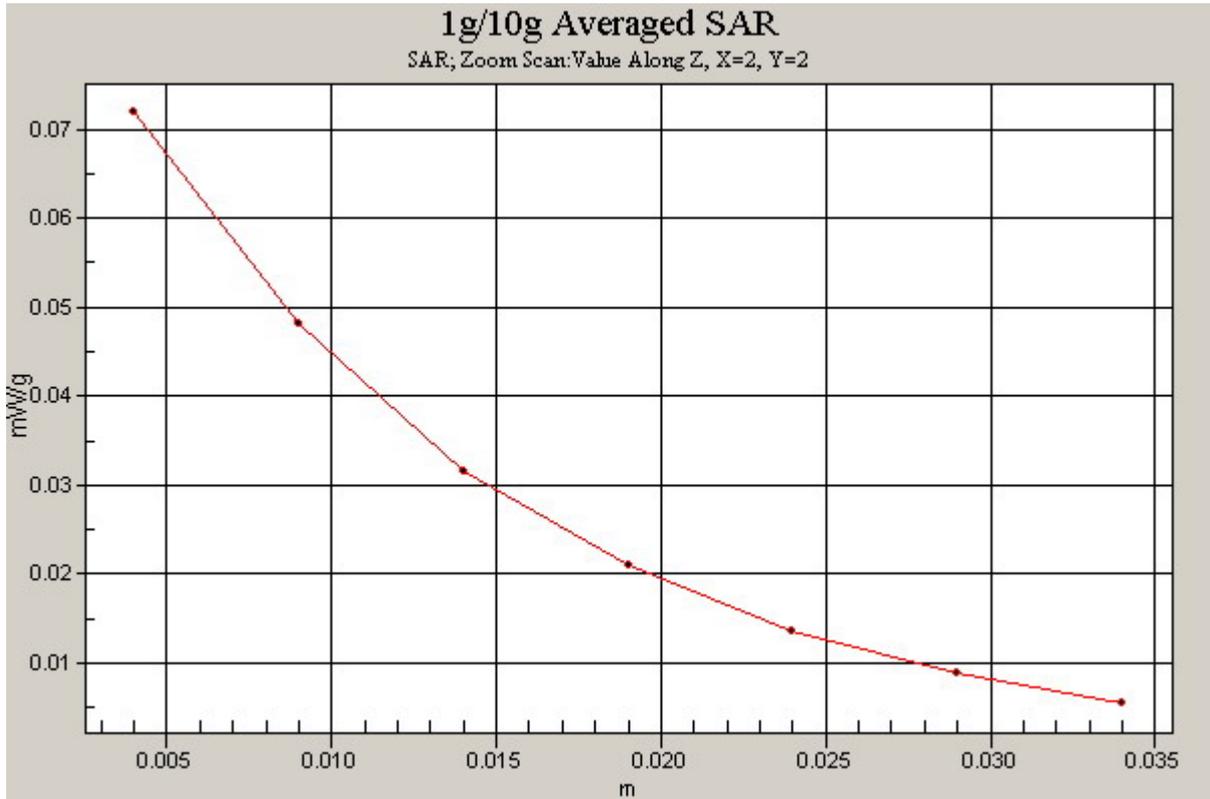


Fig.98 Z-Scan at power reference point (WCDMA II CH9262)

**WCDMA II Right 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) = 0.260 mW/g

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

Reference Value = 1.11 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g

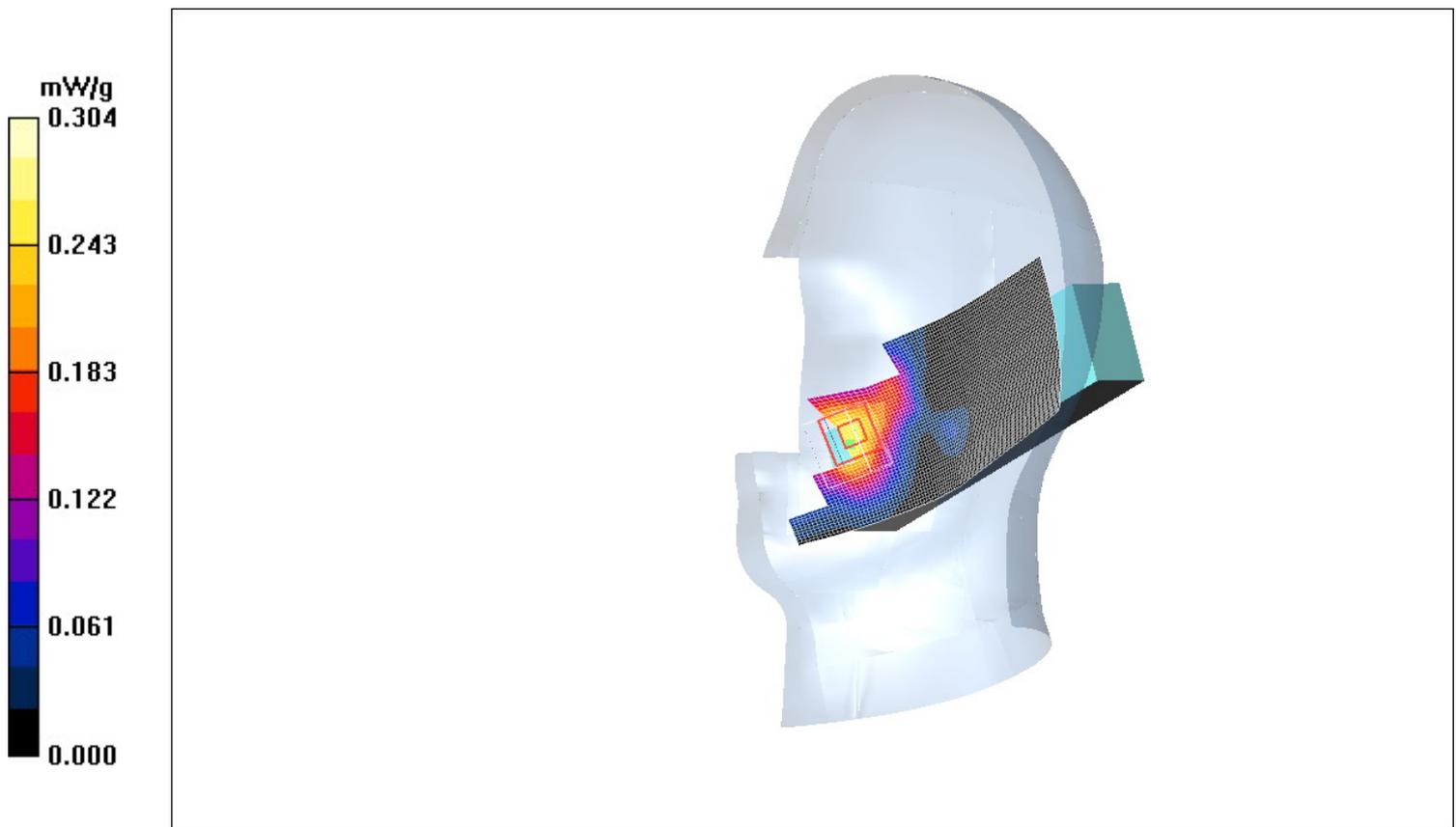


Fig. 99 Right Hand Touch Cheek WCDMA II CH9538

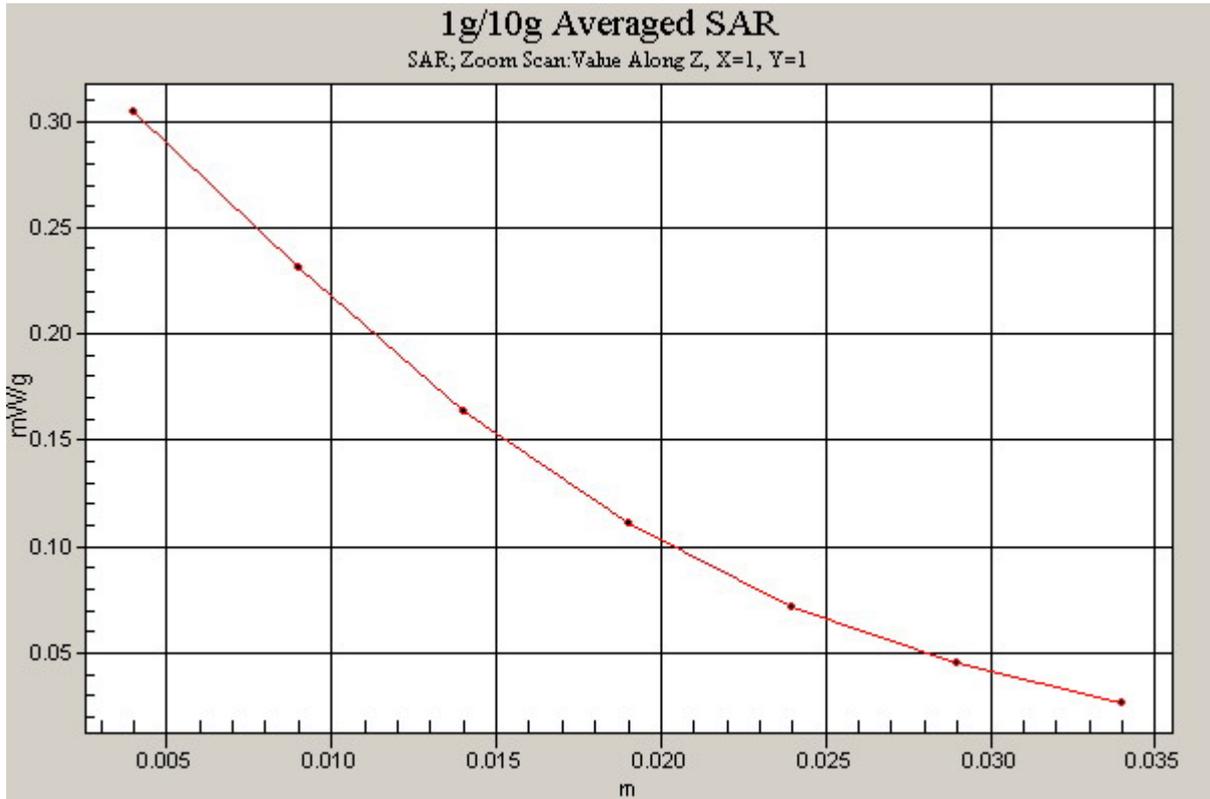


Fig. 100 Z-Scan at power reference point (WCDMA II CH9538)

**WCDMA II Right 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) = 0.324 mW/g

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

Reference Value = 0.968 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.541 W/kg

**SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 0.360 mW/g

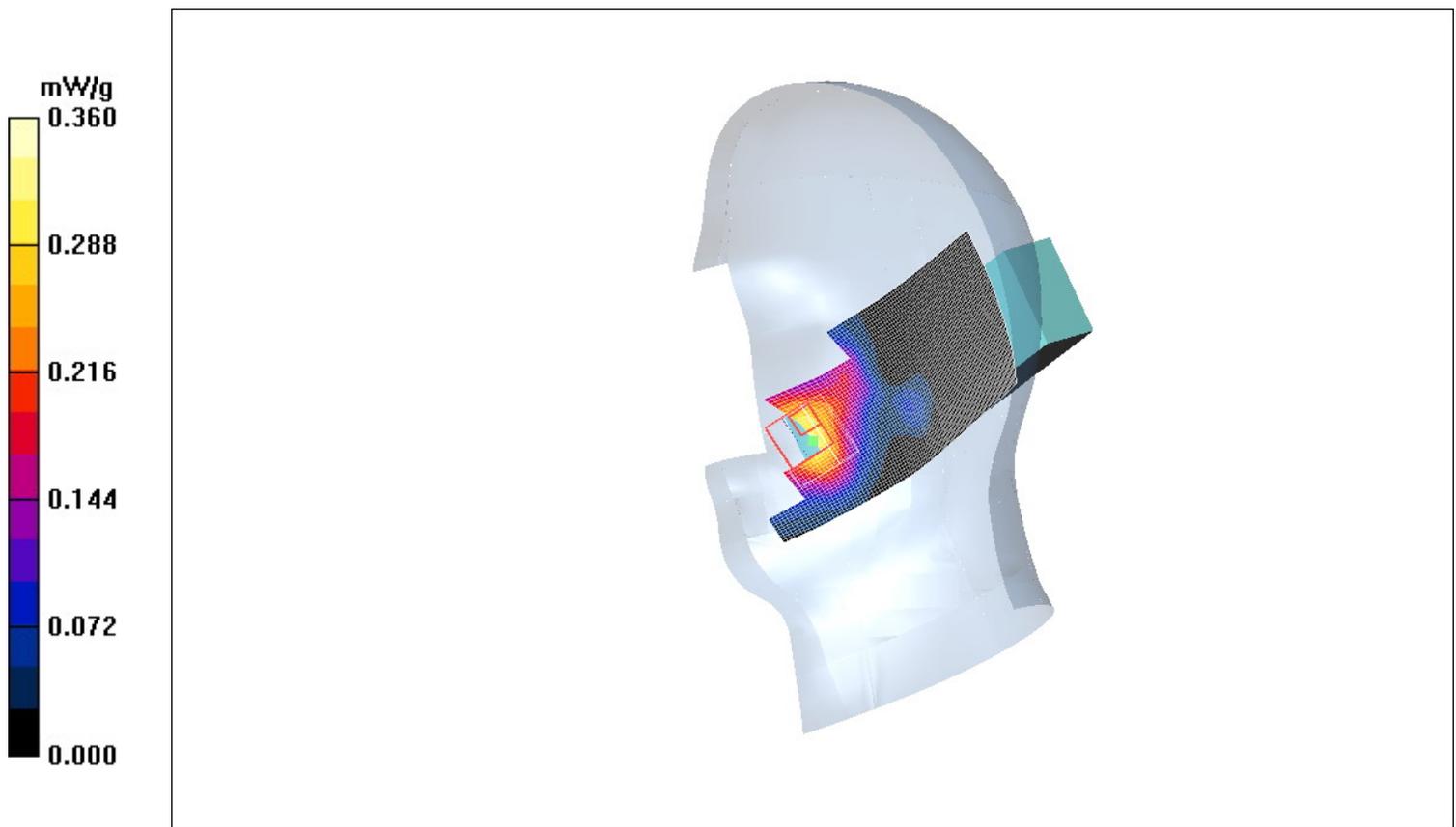


Fig. 101 Right Hand Touch Cheek WCDMA II CH9400

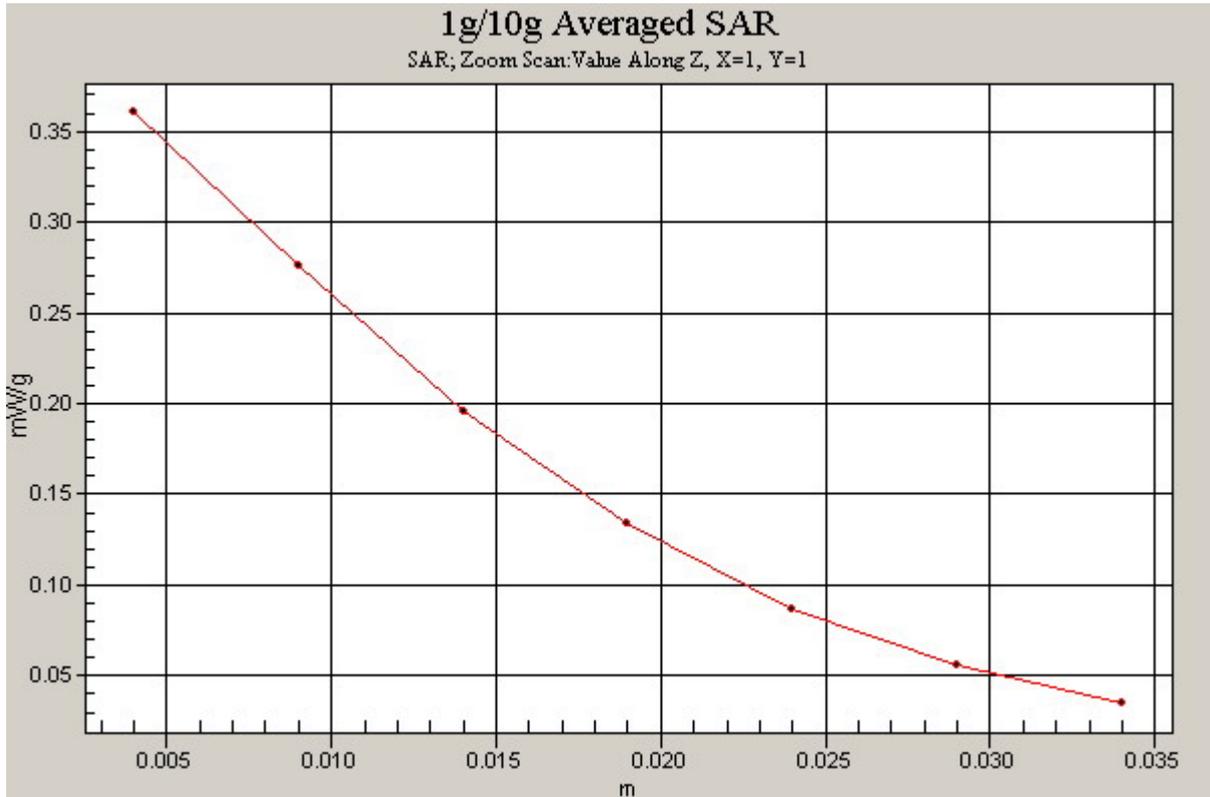


Fig. 102 Z-Scan at power reference point (WCDMA II CH9400)

**WCDMA II Right 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) = 0.416 mW/g

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

Reference Value = 1.25 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.551 W/kg

**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.256 mW/g**

Maximum value of SAR (measured) = 0.440 mW/g

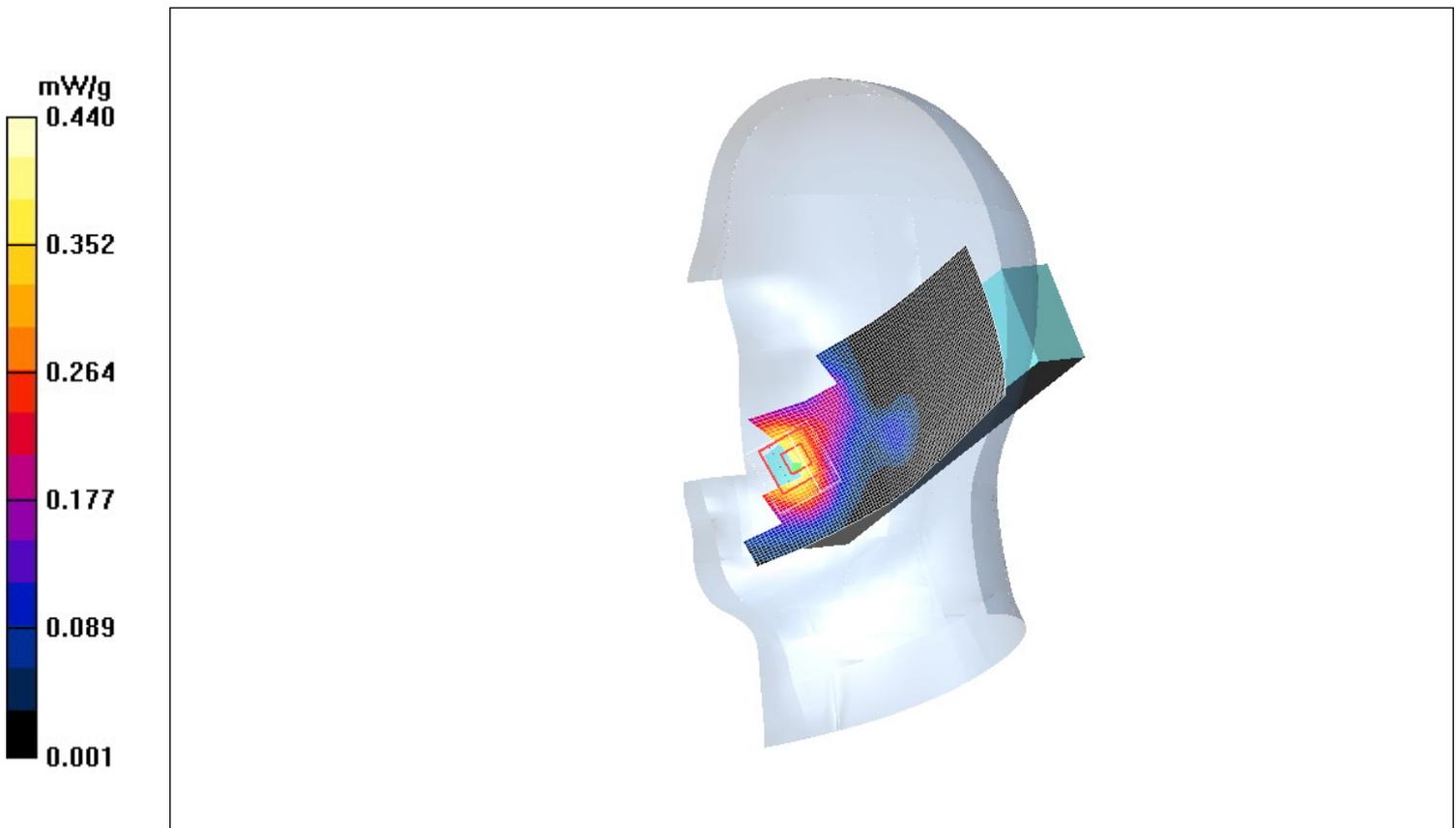


Fig. 103 Right Hand Touch Cheek WCDMA II CH9262

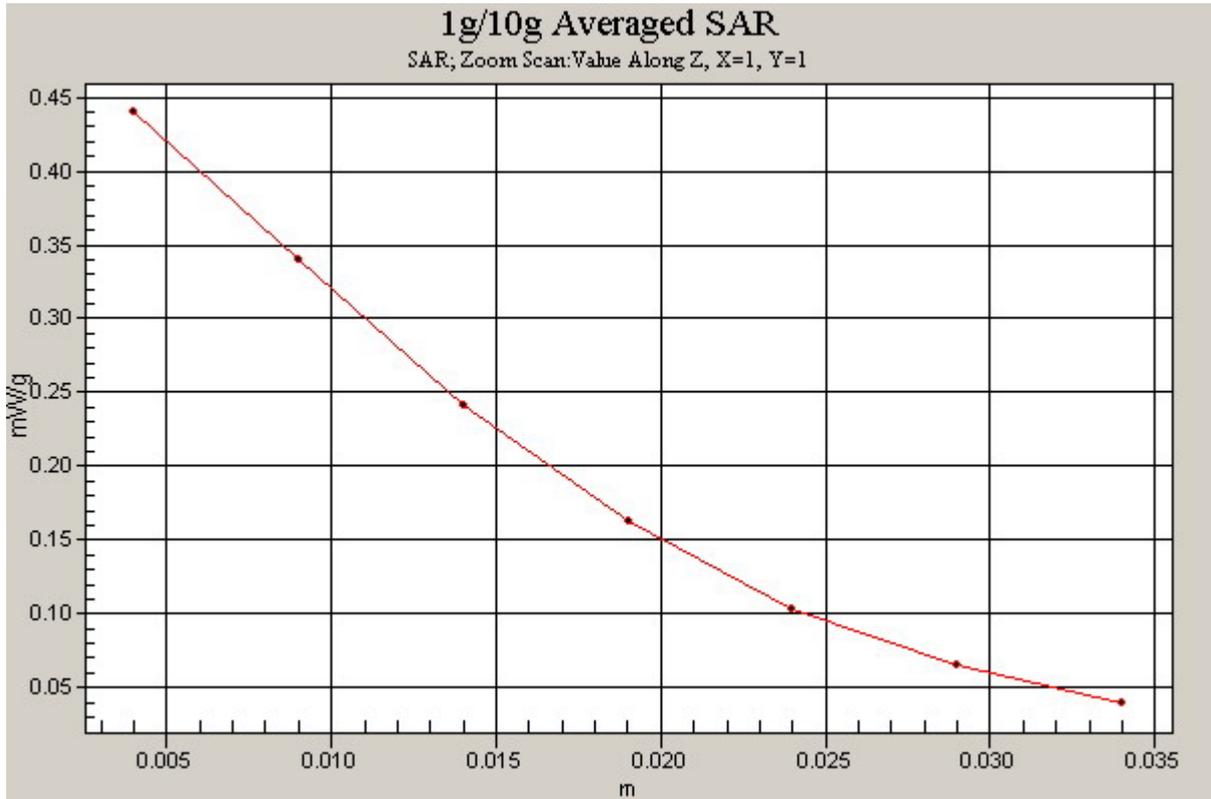


Fig. 104 Z-Scan at power reference point (WCDMA II CH9262)

**WCDMA II Right Tilt 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;

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

Maximum value of SAR (interpolated) = 0.042 mW/g

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

Reference Value = 3.13 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.060 W/kg

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

Maximum value of SAR (measured) = 0.044 mW/g

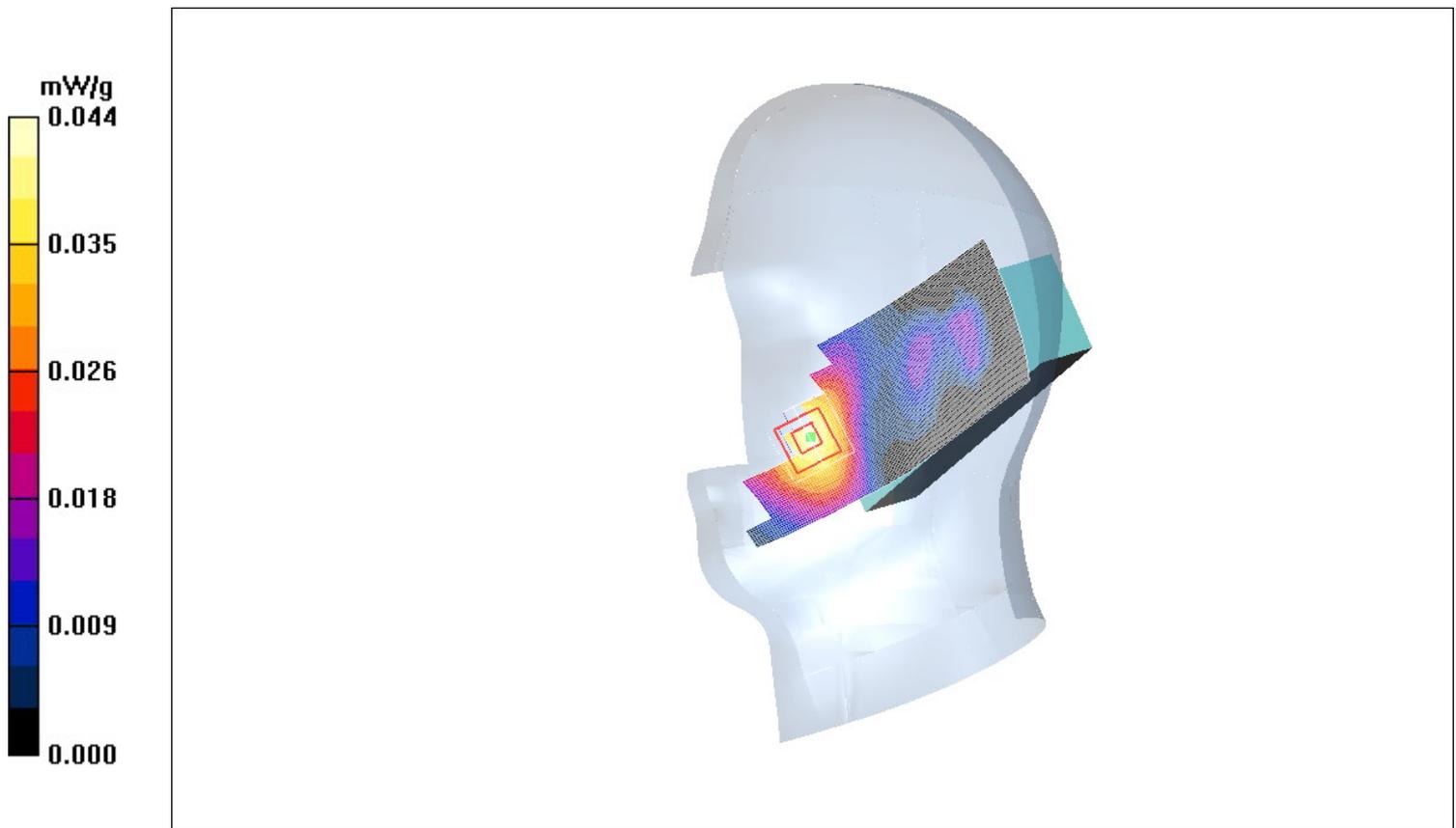


Fig.105 Right Hand Tilt 15°WCDMA II CH9538

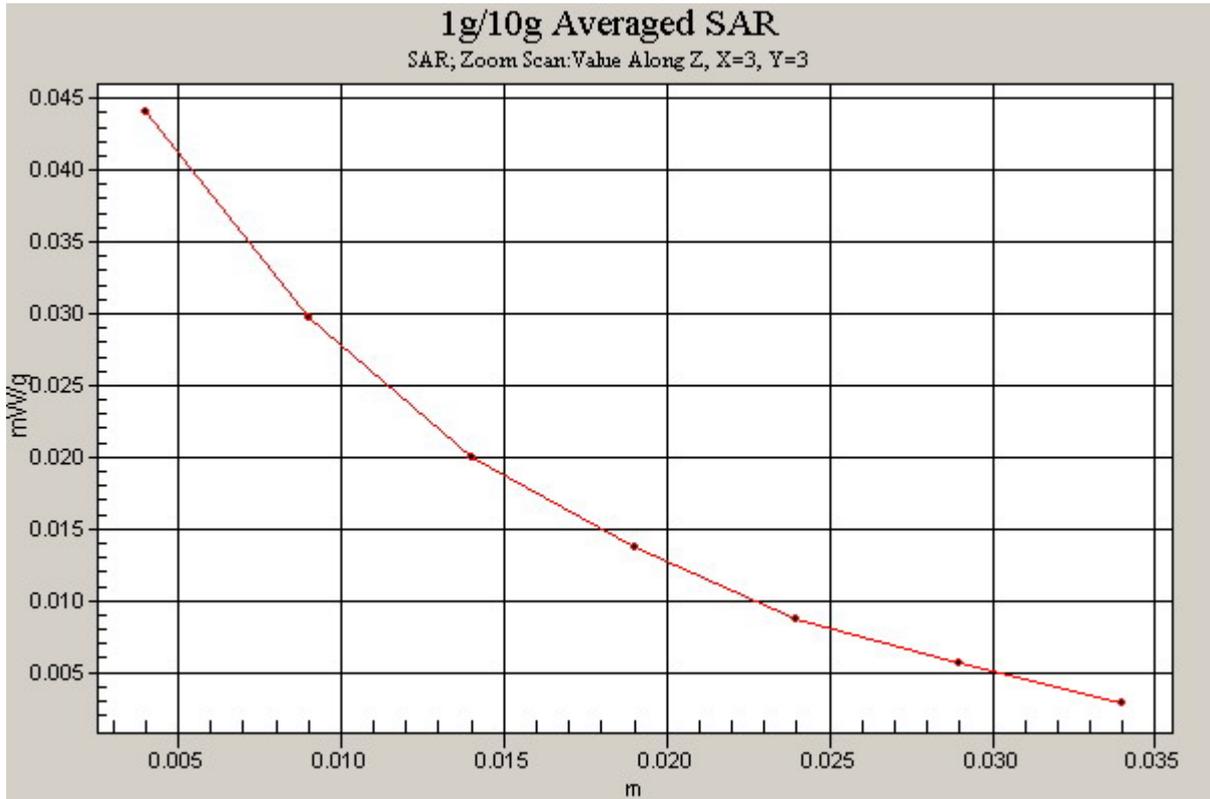


Fig. 106 Z-Scan at power reference point (WCDMA II CH9538)

**WCDMA II Right Tilt 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;

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

Maximum value of SAR (interpolated) = 0.046 mW/g

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

Reference Value = 4.21 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.062 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.029 mW/g**

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

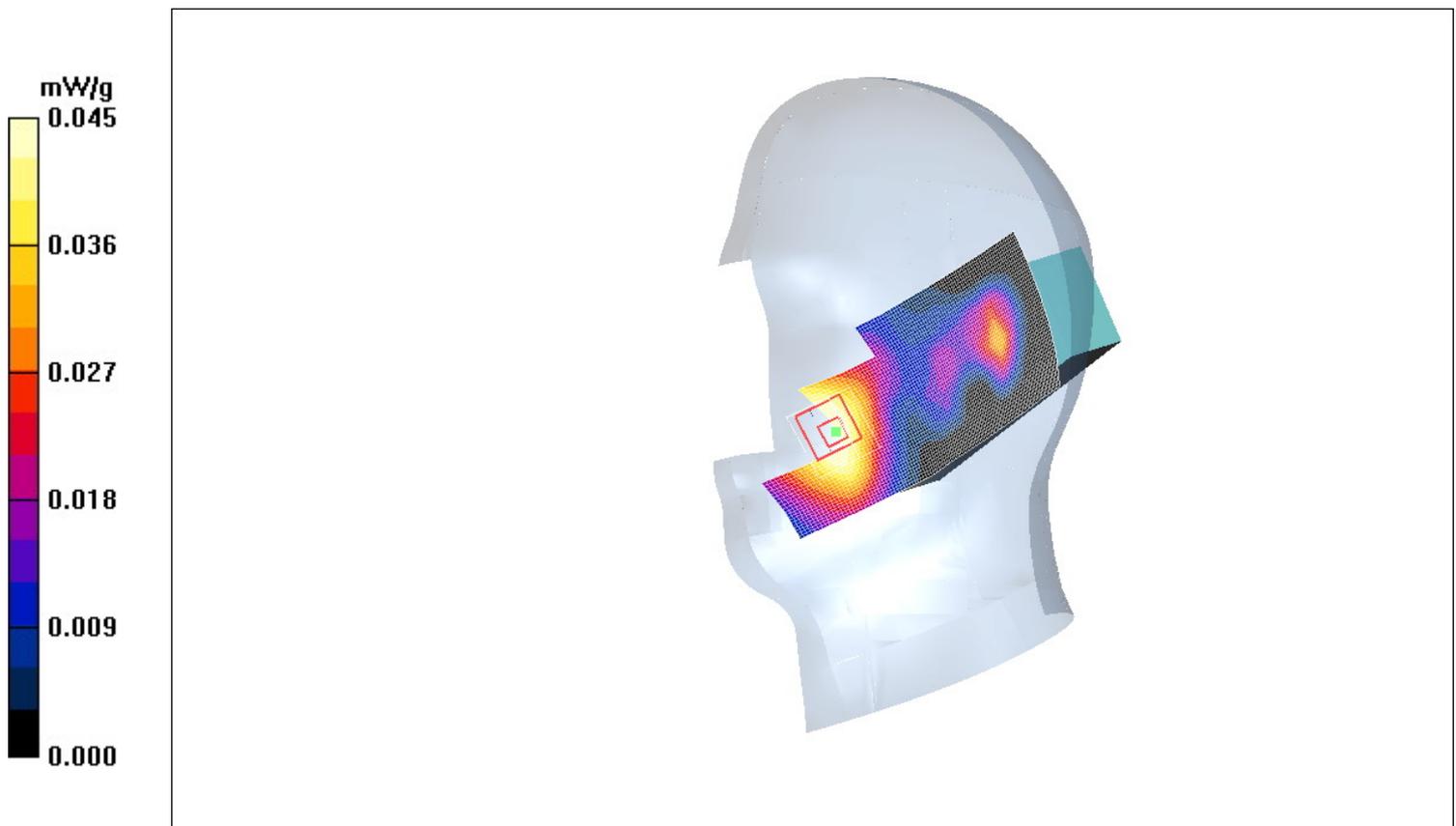


Fig.107 Right Hand Tilt 15°WCDMA II CH9400

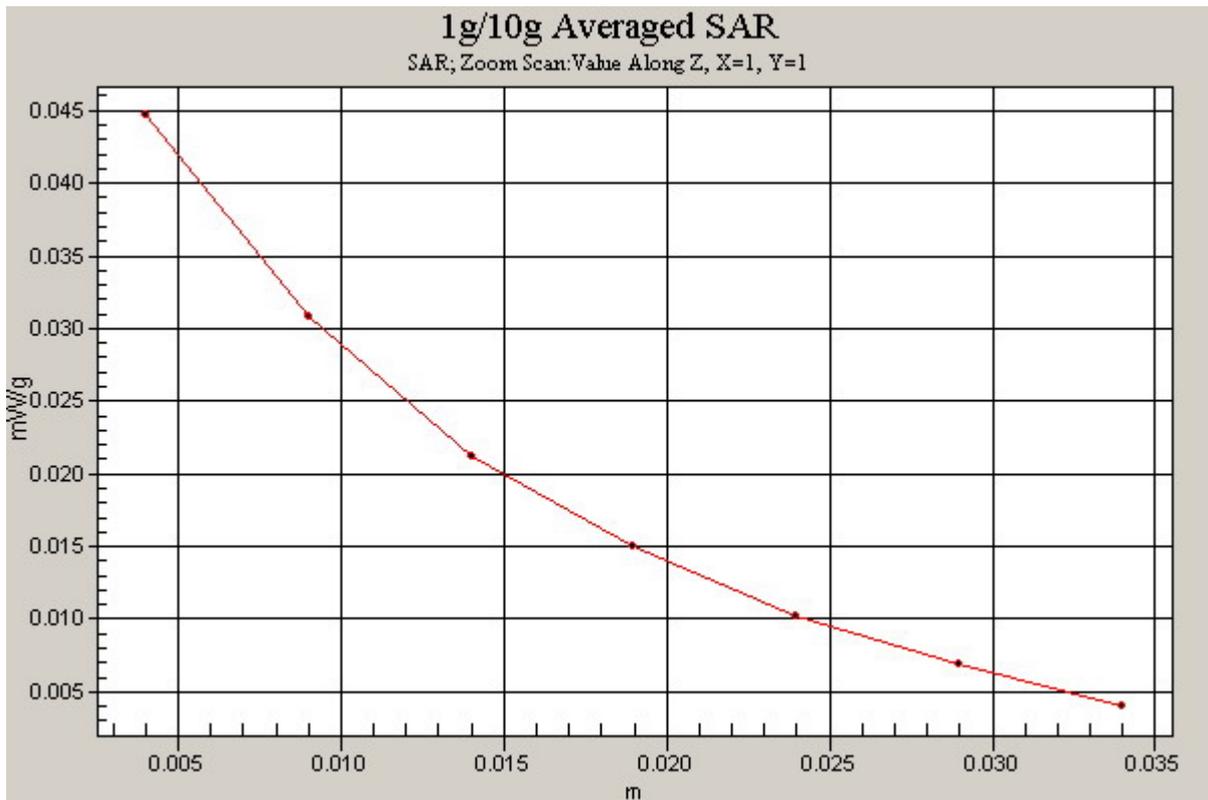


Fig. 108 Z-Scan at power reference point (WCDMA II CH9400)

**WCDMA II Right Tilt Low**

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

Medium: Head 1900MHz

Medium parameters used:  $f = 1852.4$  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;

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

Maximum value of SAR (interpolated) = 0.058 mW/g

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

Reference Value = 5.47 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.075 W/kg

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.035 mW/g**

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

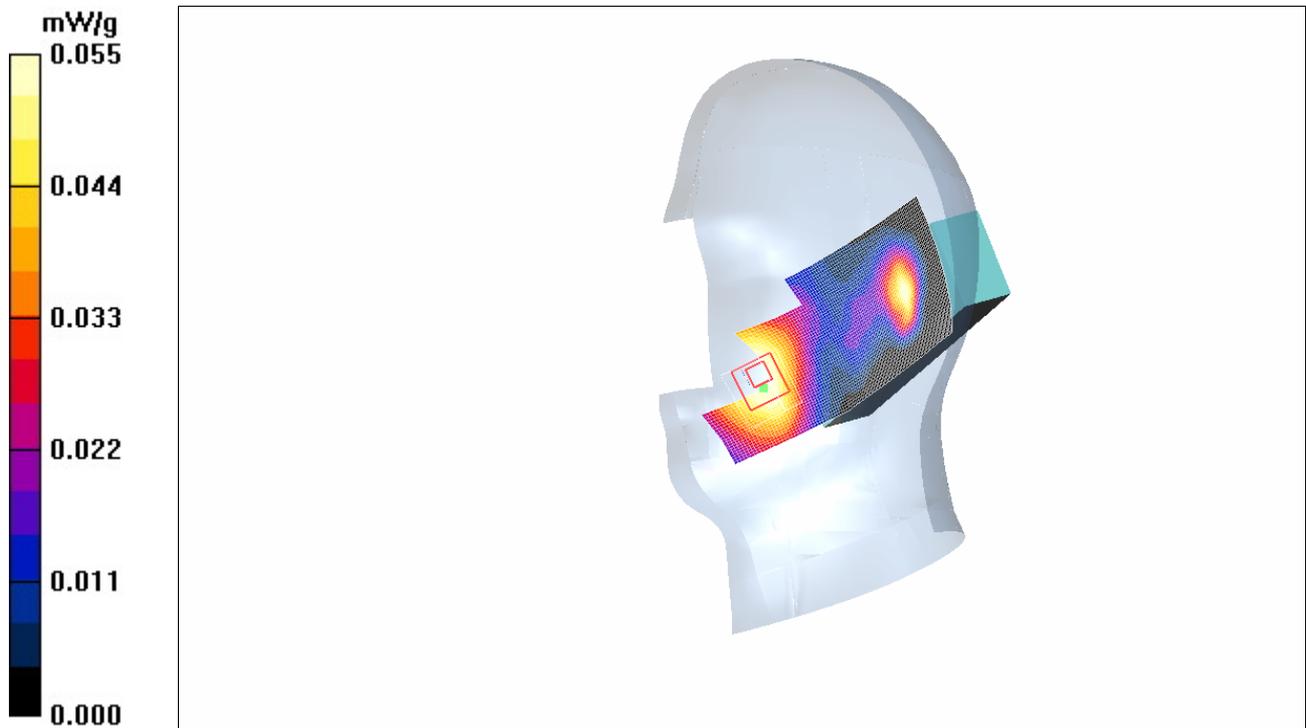


Fig.109 Right Hand Tilt 15°WCDMA II CH9262

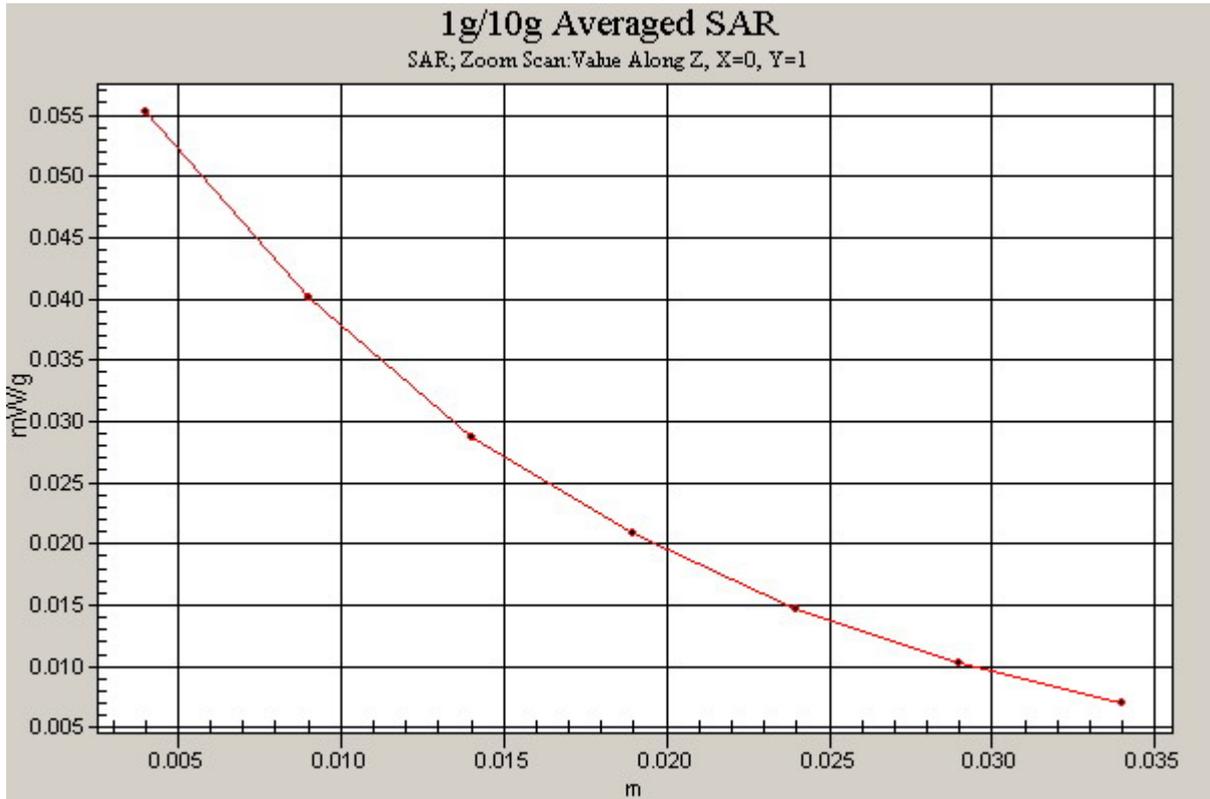


Fig.110 Z-Scan at power reference point (WCDMA II CH9262)

**WCDMA II Towards the ground High**

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

Medium: Body 1900MHz

Medium parameters used:  $f = 1908$  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 Sn9452;

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

Maximum value of SAR (interpolated) = 0.417 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 = -0.029 dB

Peak SAR (extrapolated) = 0.551 W/kg

**SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.252 mW/g**

Maximum value of SAR (measured) = 0.397 mW/g

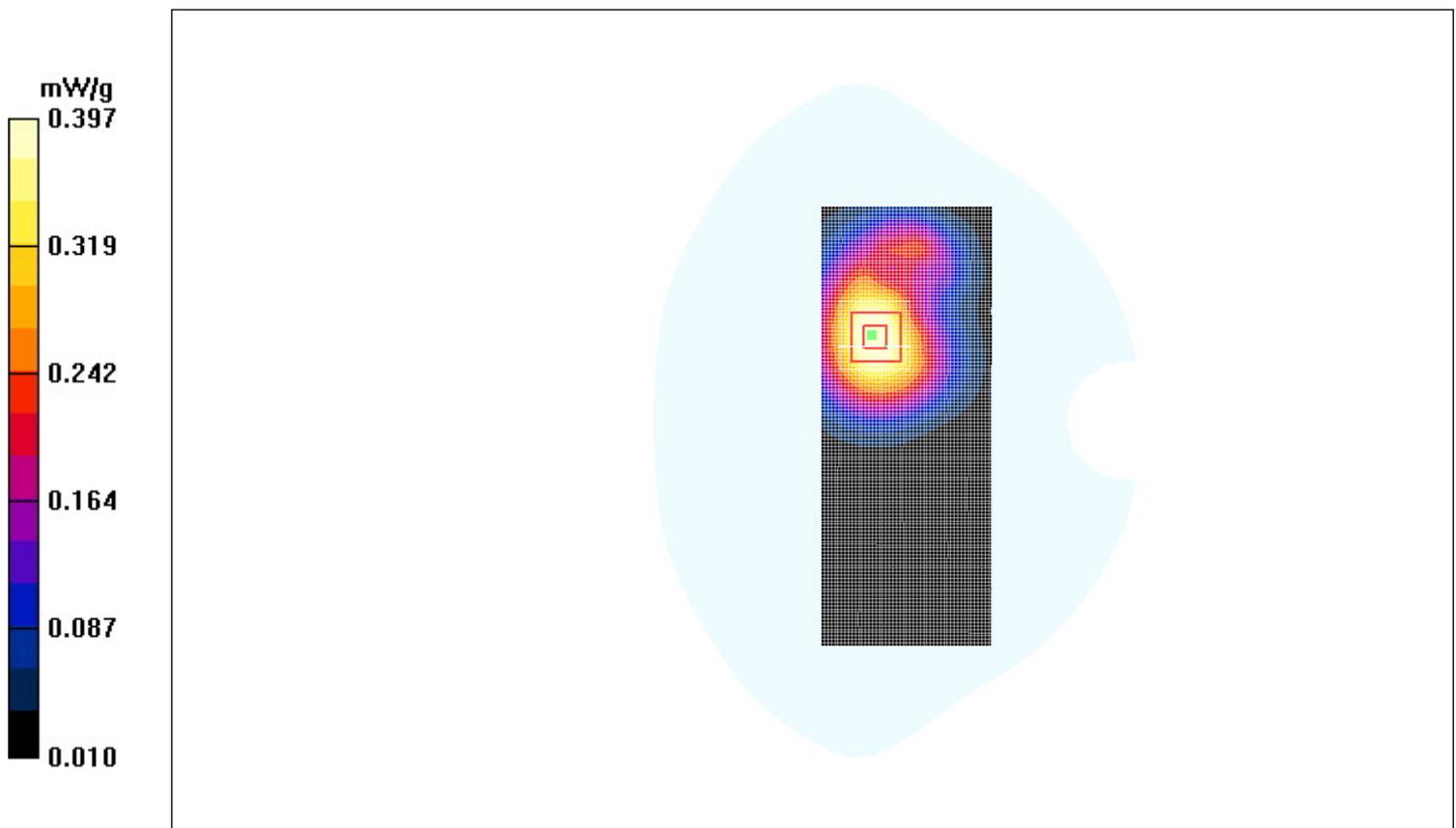


Fig. 111 Body, Towards the ground, WCDMA II, CH9538

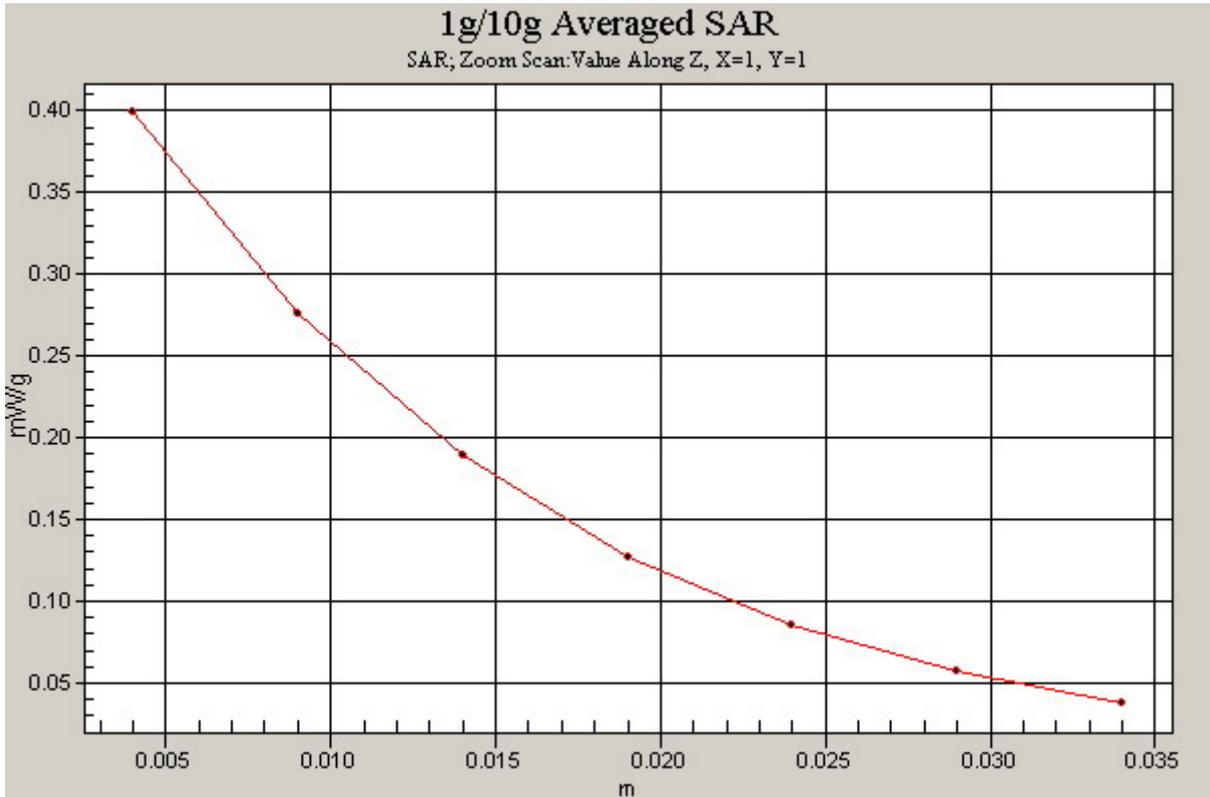


Fig. 112 Z-Scan at power reference point (Body, Towards the ground, WCDMA II, CH9538)

**WCDMA II Towards the ground Middle**

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

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) = 0.472 mW/g

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

Reference Value = 8.82 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.620 W/kg

**SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.290 mW/g**

Maximum value of SAR (measured) = 0.461 mW/g

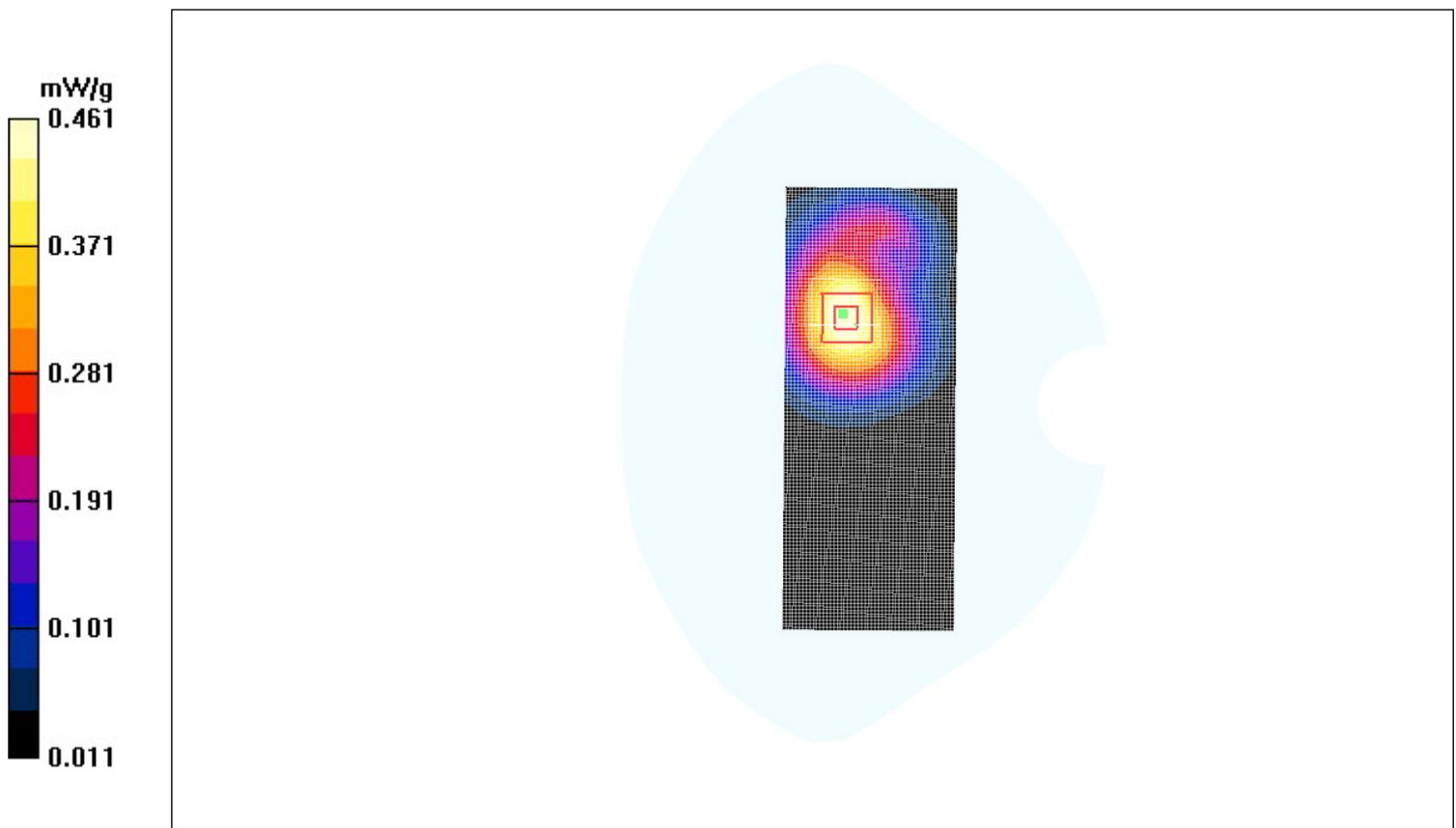


Fig. 113 Body, Towards the ground, WCDMA II, CH9400

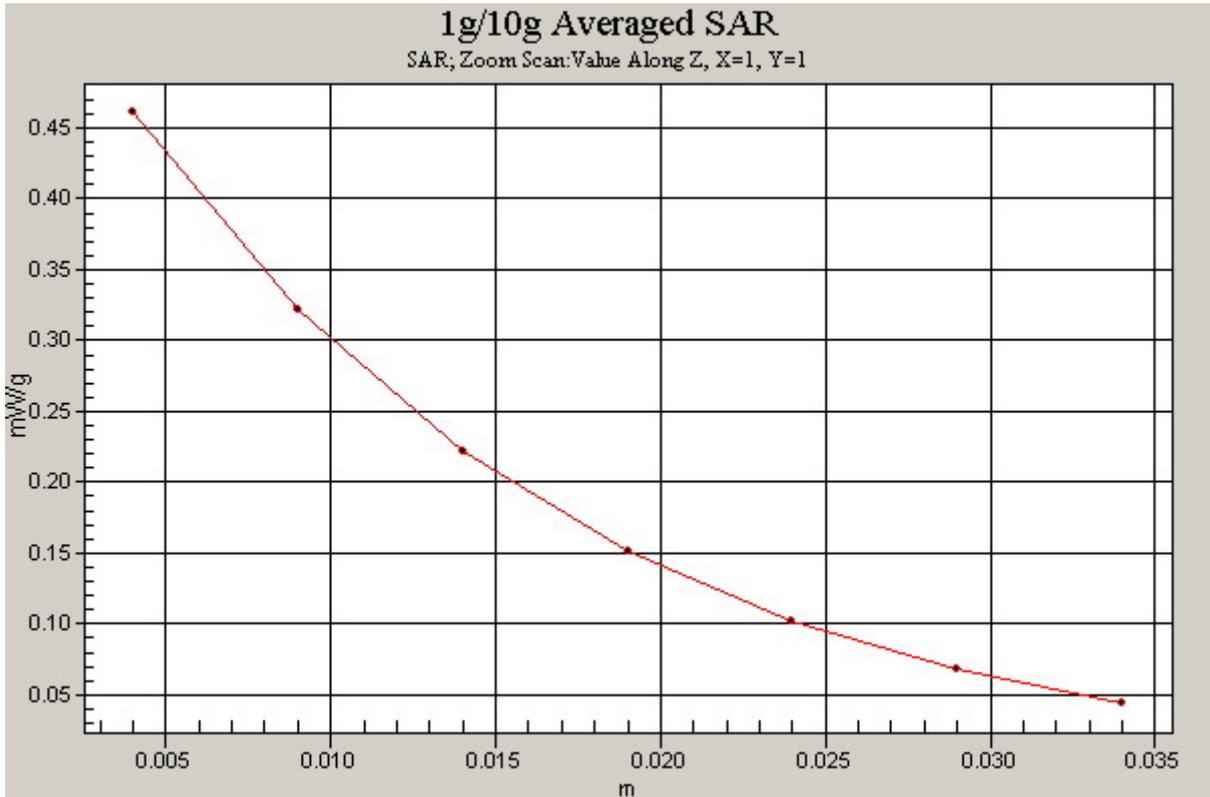


Fig. 114 Z-Scan at power reference point (Body, Towards the ground, WCDMA II, CH9400)

**WCDMA II Towards the ground Low**

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

Medium: Body 1900MHz

Medium parameters used (interpolated):  $f = 1852.4$  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) = 0.558 mW/g

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

Reference Value = 9.22 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.713 W/kg

**SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 0.548 mW/g

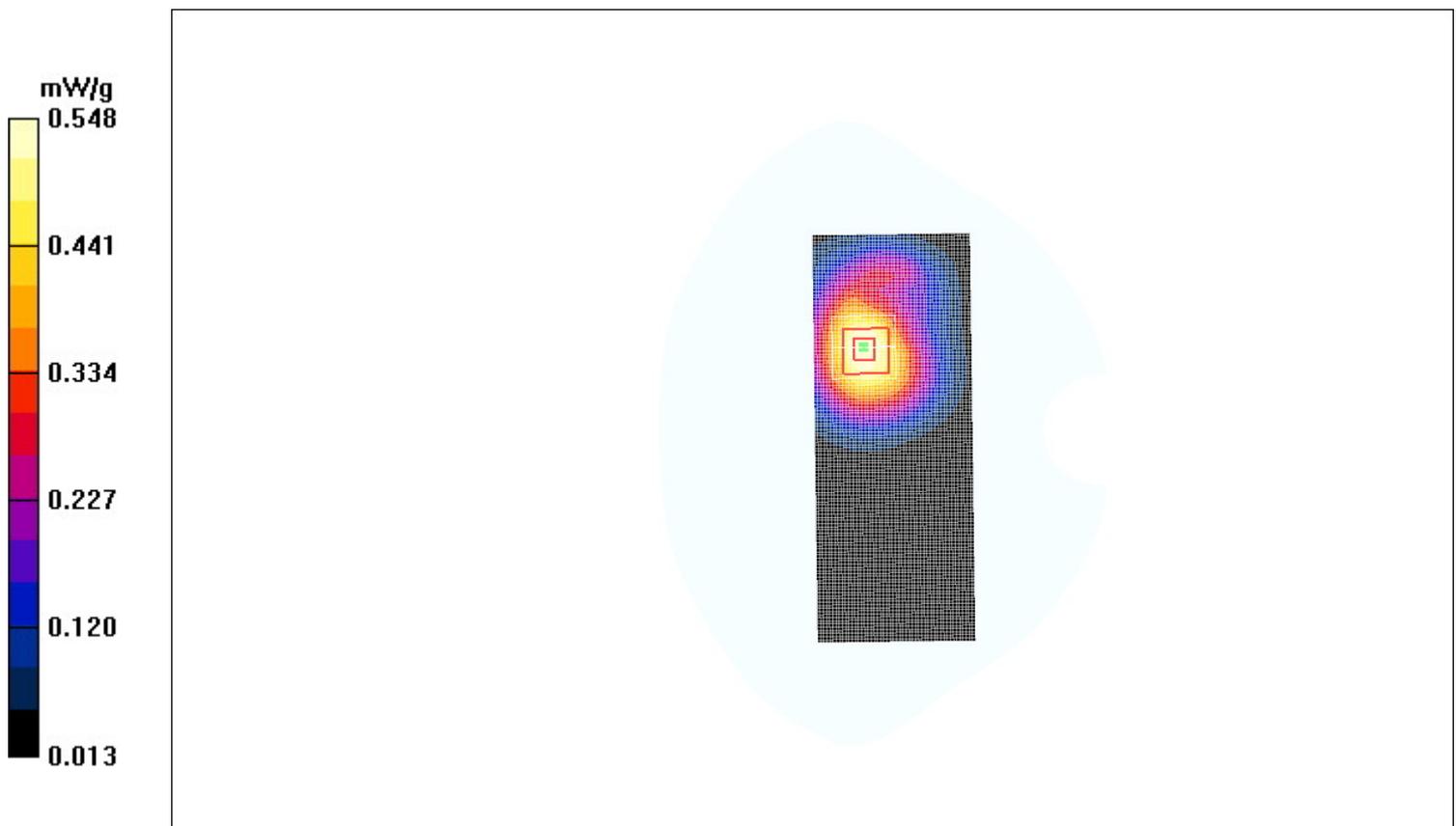


Fig. 115 Body, Towards the ground, WCDMA II, CH9262

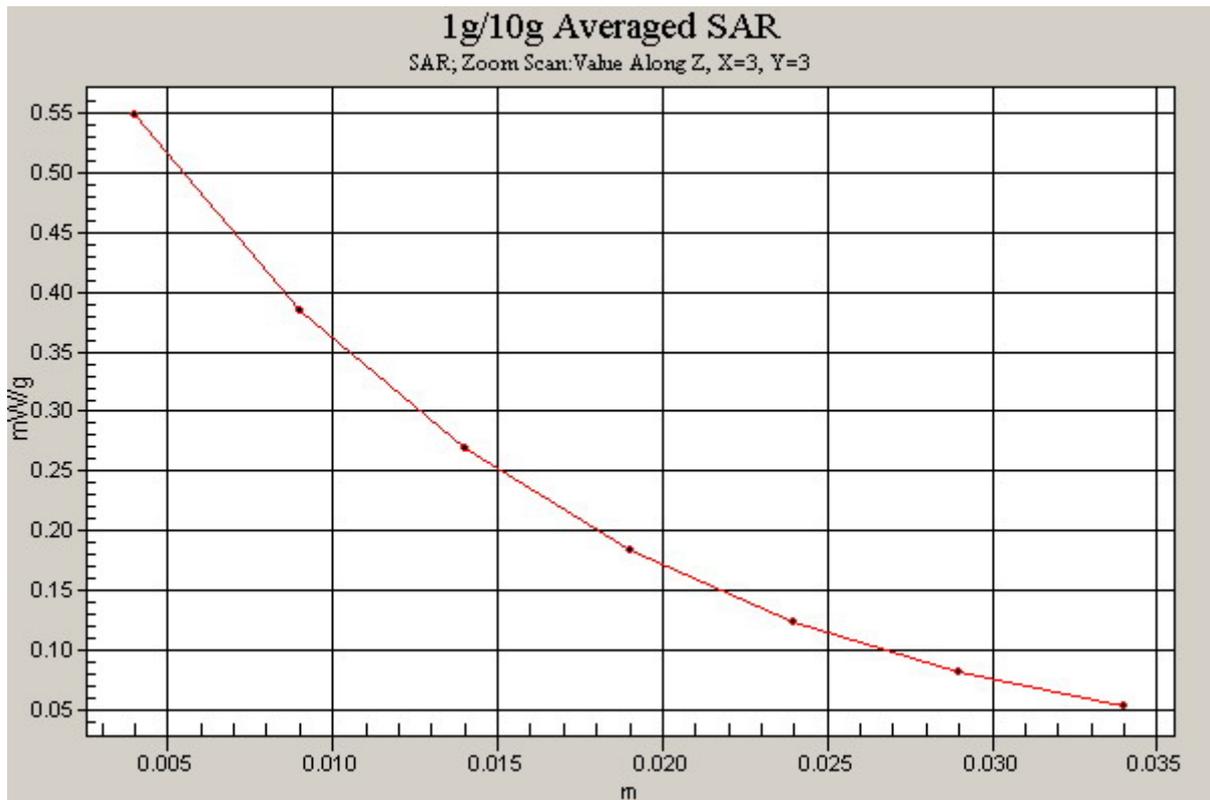


Fig. 116 Z-Scan at power reference point (Body, Towards the ground, WCDMA II, CH9262)

**Bluetooth earphone WCDMA II Towards the ground Low**

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

Medium: Body 1900MHz

Medium parameters used (interpolated):  $f = 1852.4$  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) = 0.540 mW/g

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

Reference Value = 8.14 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 0.711 W/kg

**SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.543 mW/g

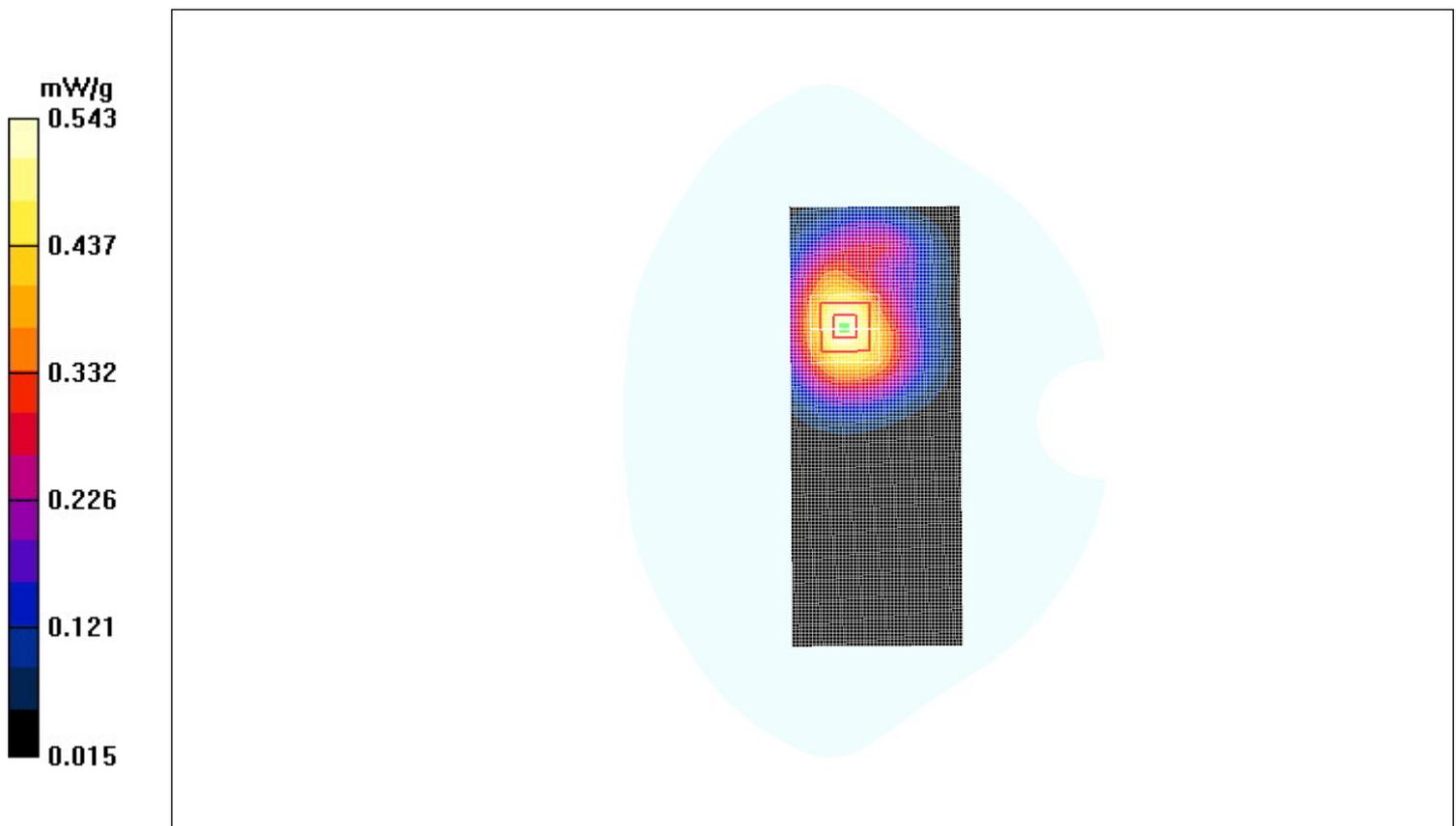


Fig. 117 Body with Bluetooth earphone, Towards the ground, WCDMA II, CH9262

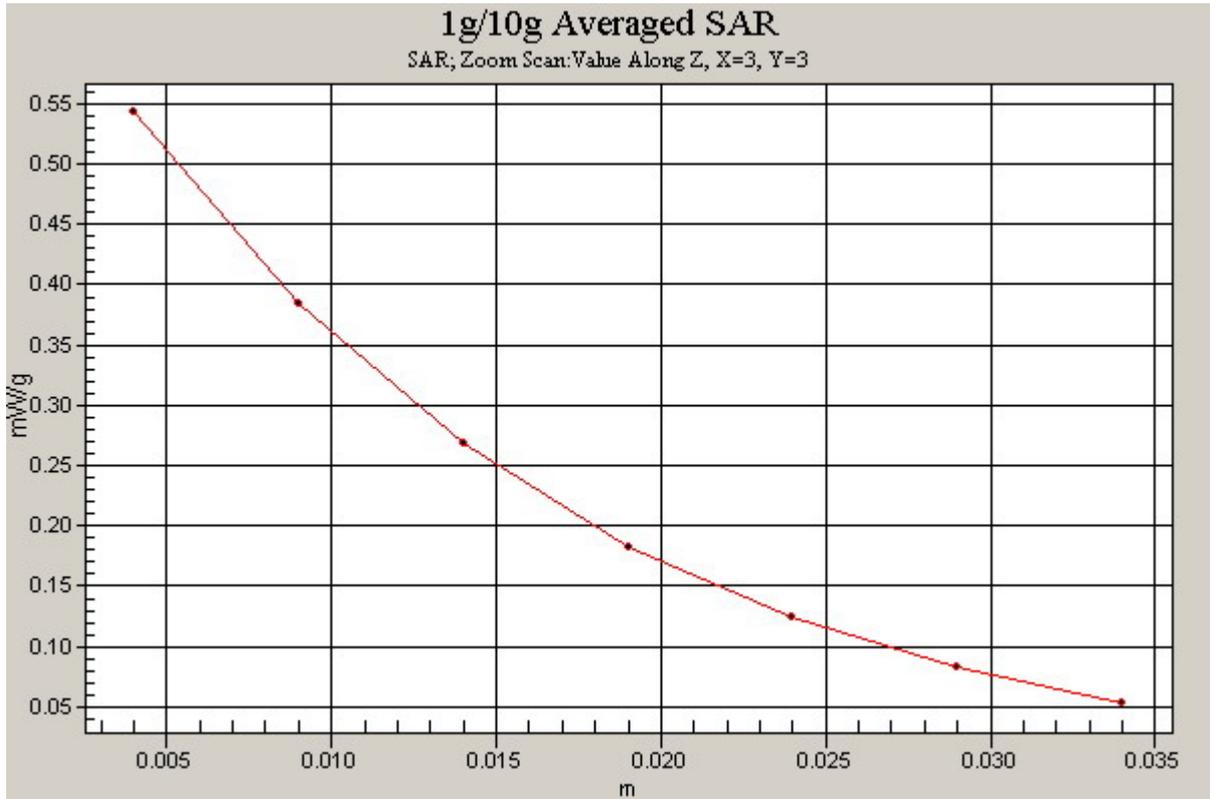


Fig. 118 Z-Scan at power reference point  
(Body with Bluetooth earphone, Towards the ground, WCDMA II, CH9262)

**WCDMA V Left Cheek High**

Communication System: WCDMA V; Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium: Head 850MHz

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 42.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(6.85, 6.85, 6.85);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.348 mW/g

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

Reference Value = 1.88 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.220 mW/g**

Maximum value of SAR (measured) = 0.435 mW/g

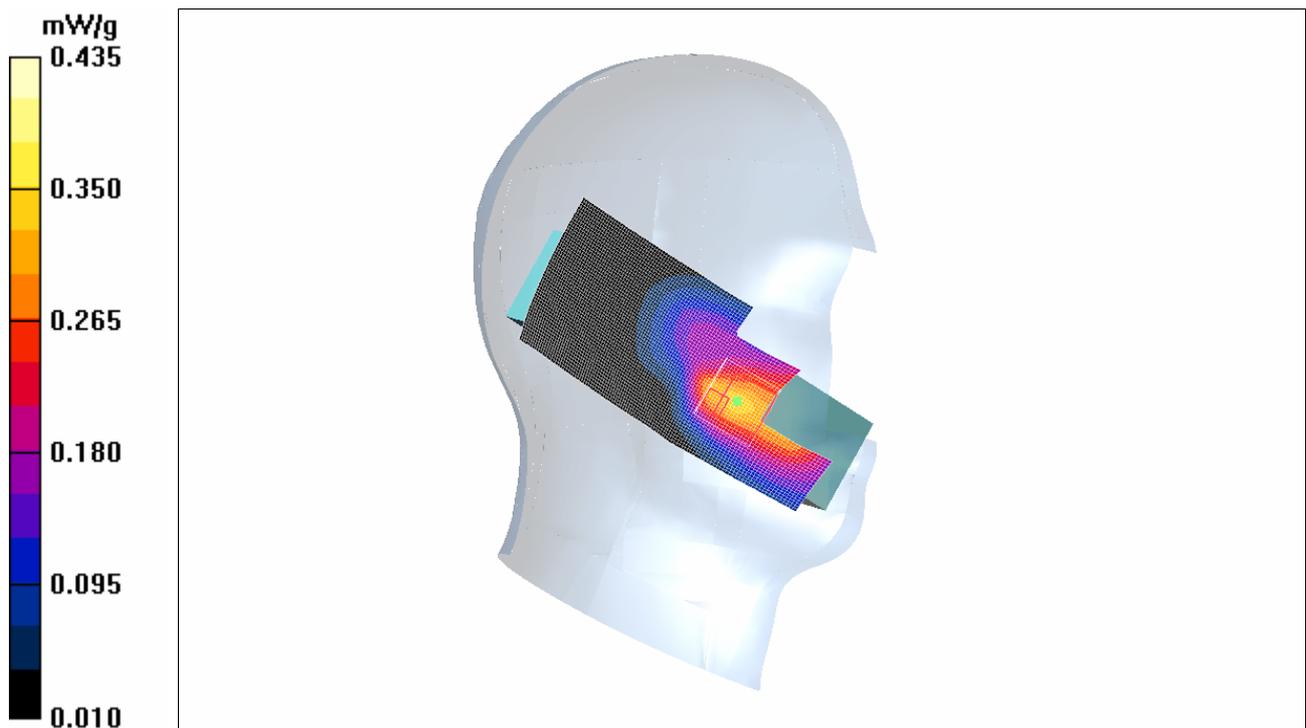


Fig.119 Left Hand Touch Cheek WCDMA V CH4233

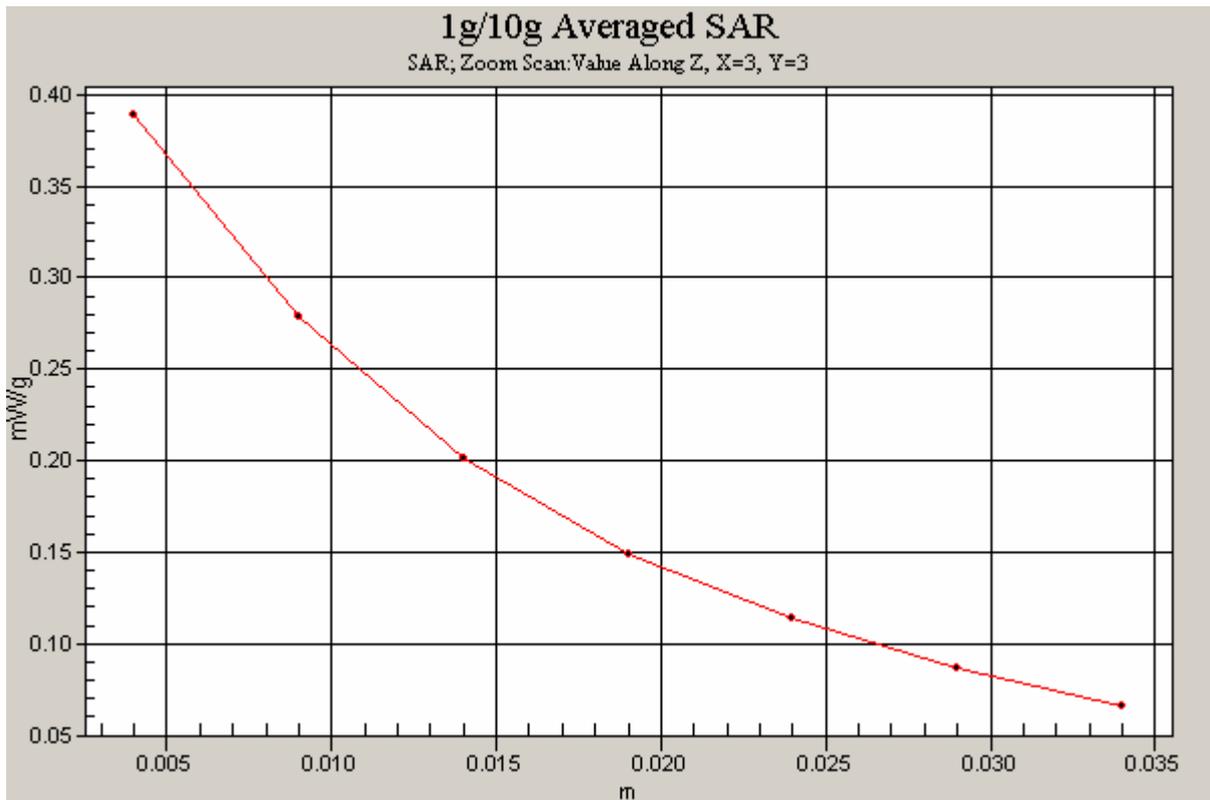


Fig. 120 Z-Scan at power reference point (WCDMA V CH4233)

**WCDMA V Left Cheek Middle**

Communication System: WCDMA V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: Head 850MHz

Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.941$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(6.85, 6.85, 6.85);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.314 mW/g

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

Reference Value = 1.64 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.961 W/kg

**SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.175 mW/g**

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

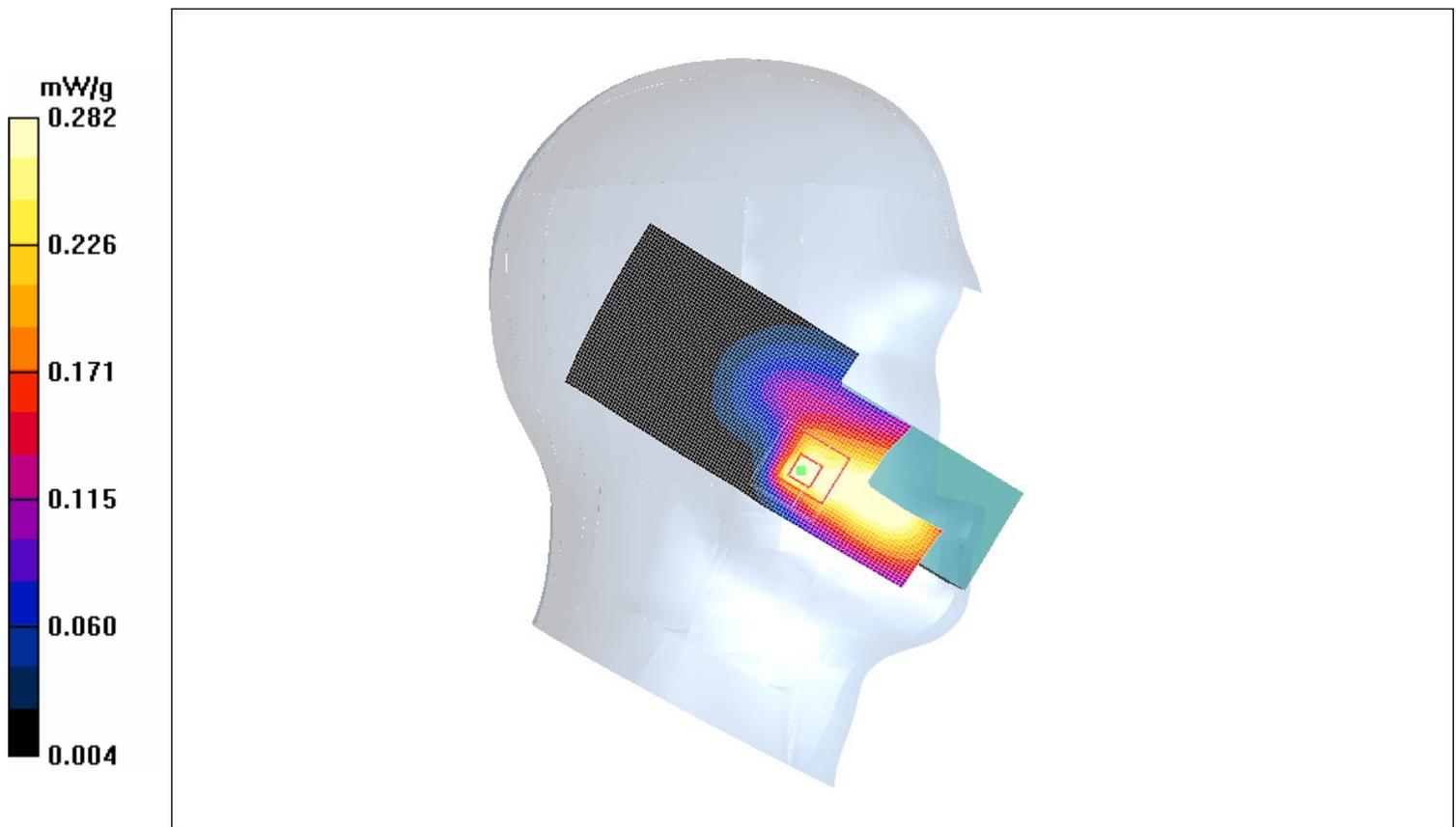


Fig. 121 Left Hand Touch Cheek WCDMA V CH4182

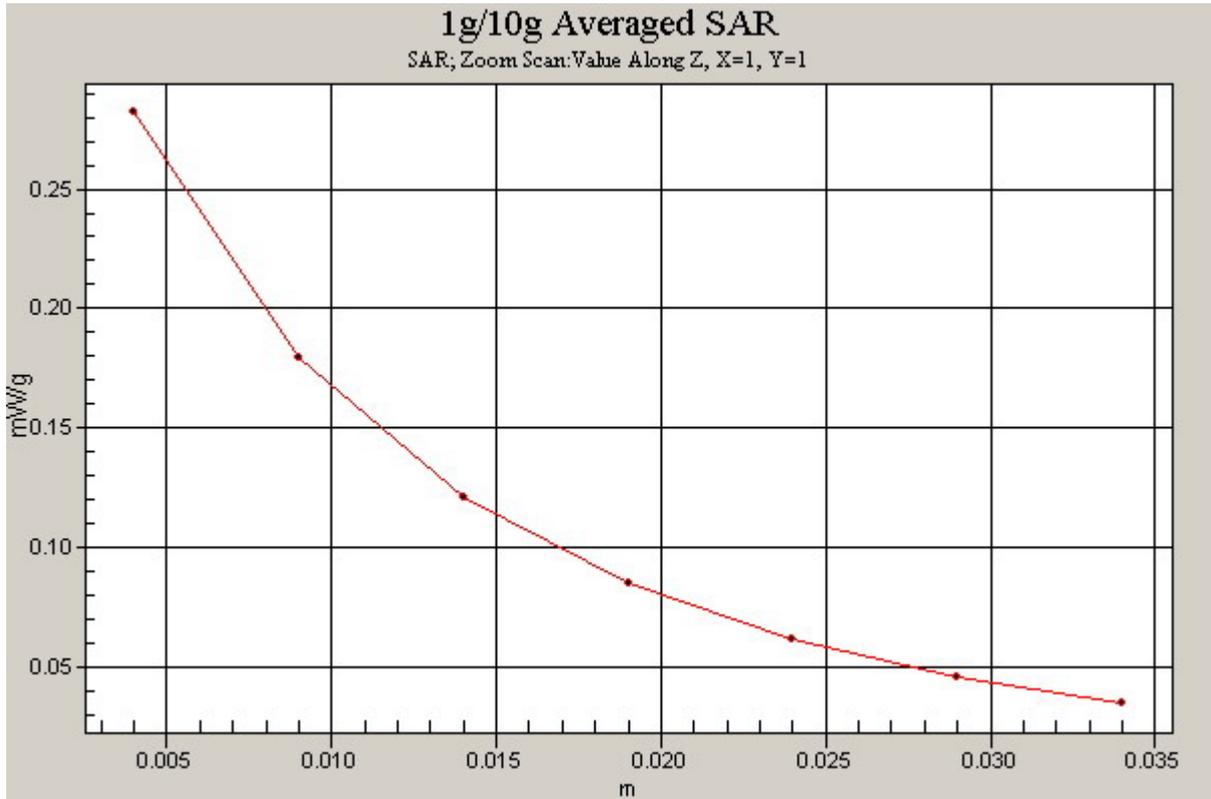


Fig. 122 Z-Scan at power reference point (WCDMA V CH4182)

**WCDMA V Left Cheek Low**

Communication System: WCDMA V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Head 850MHz

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.928$  mho/m;  $\epsilon_r = 42.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(6.85, 6.85, 6.85);

- Electronics: DAE3 Sn452;

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

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

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

Reference Value = 1.75 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.758 W/kg

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.187 mW/g**

Maximum value of SAR (measured) = 0.347 mW/g

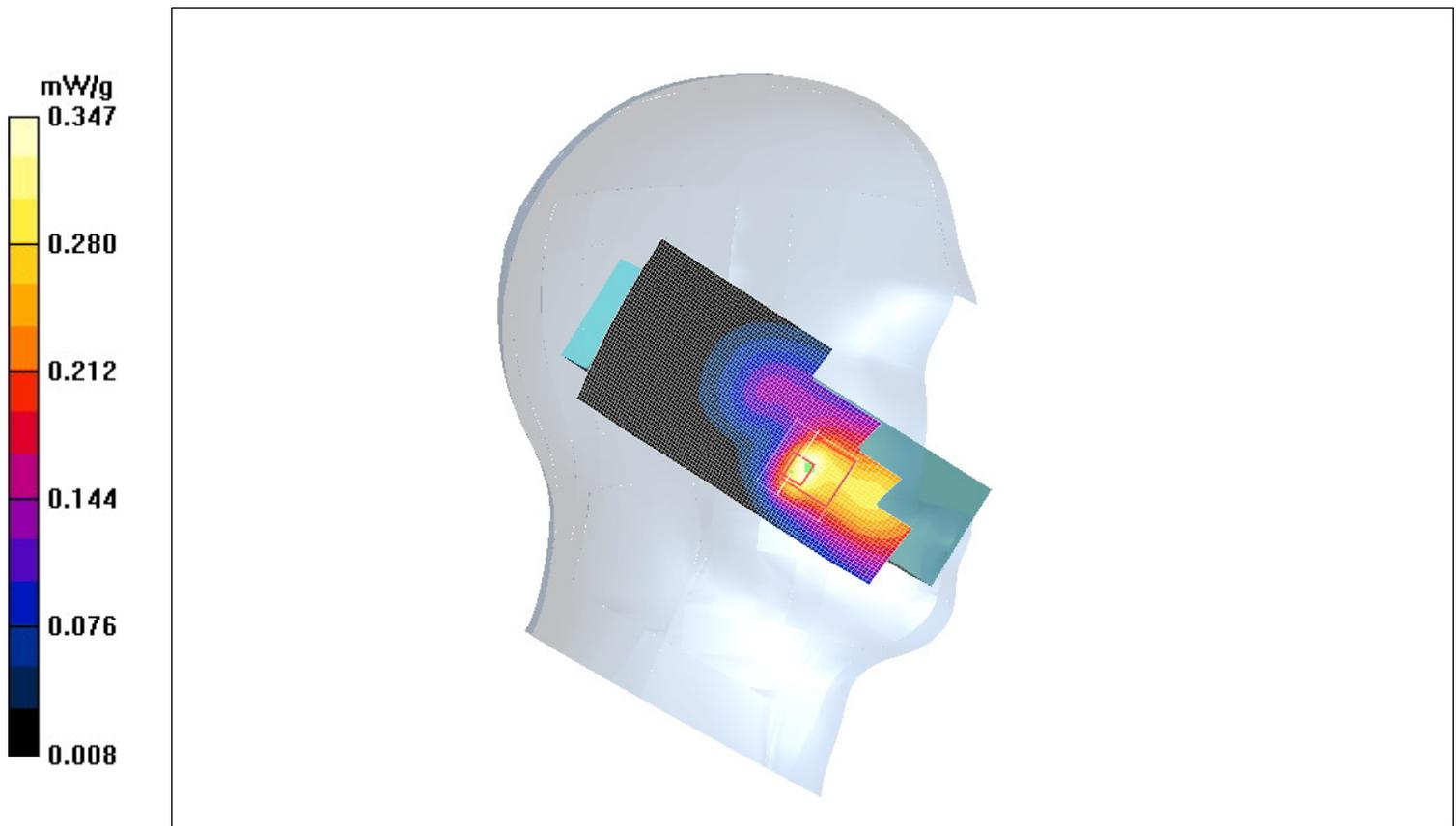


Fig. 123 Left Hand Touch Cheek WCDMA V CH4132



Fig. 124 Z-Scan at power reference point (WCDMA V CH4132)

**WCDMA V Left Tilt High**

Communication System: WCDMA V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Head 850MHz

Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 42.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

- Probe: ET3DV6 - SN1737; ConvF(6.85, 6.85, 6.85);

- Electronics: DAE3 Sn452;

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

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

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

Reference Value = 4.28 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.055 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.044 mW/g

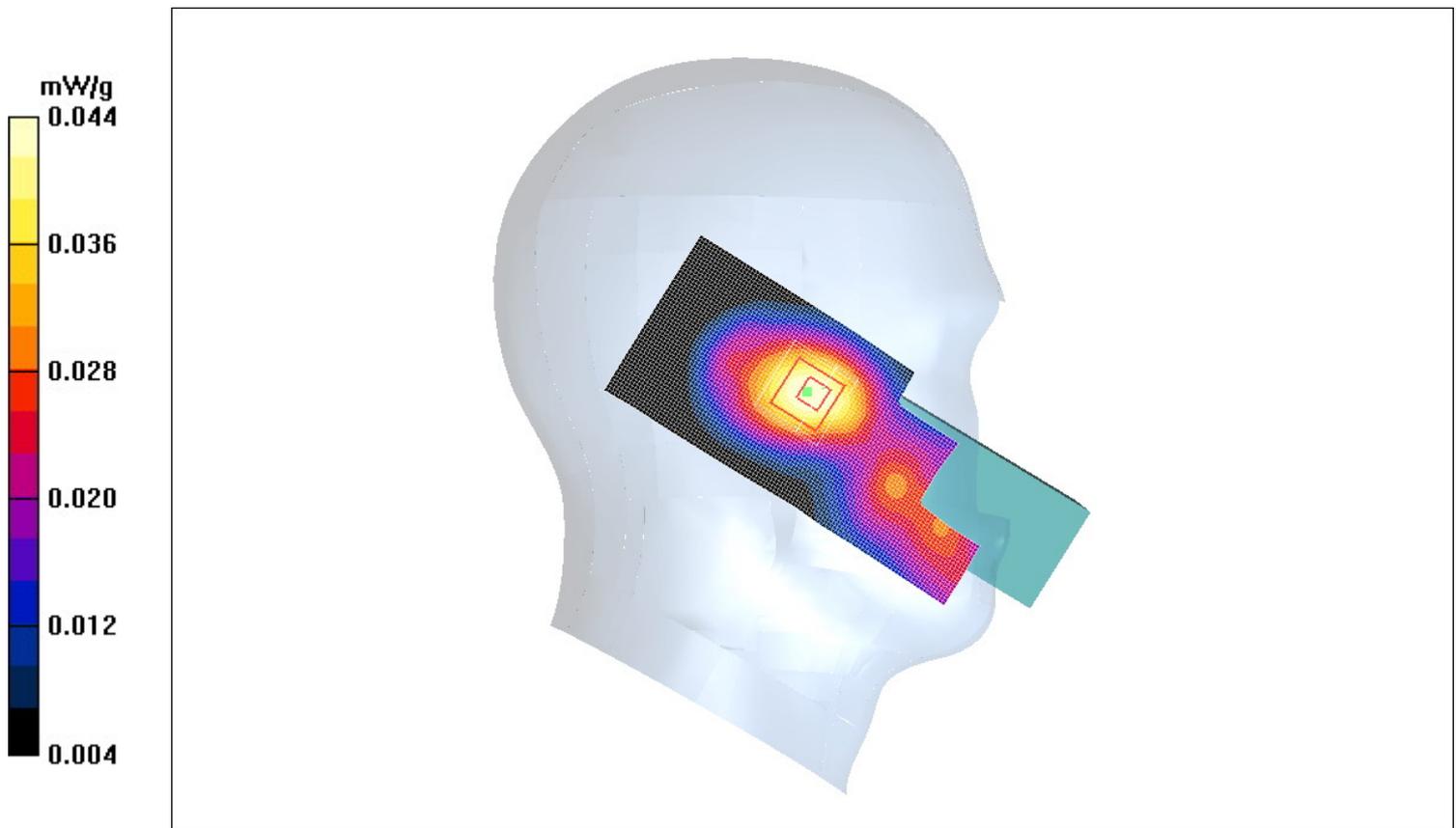


Fig.125 Left Hand Tilt 15°WCDMA V CH4233

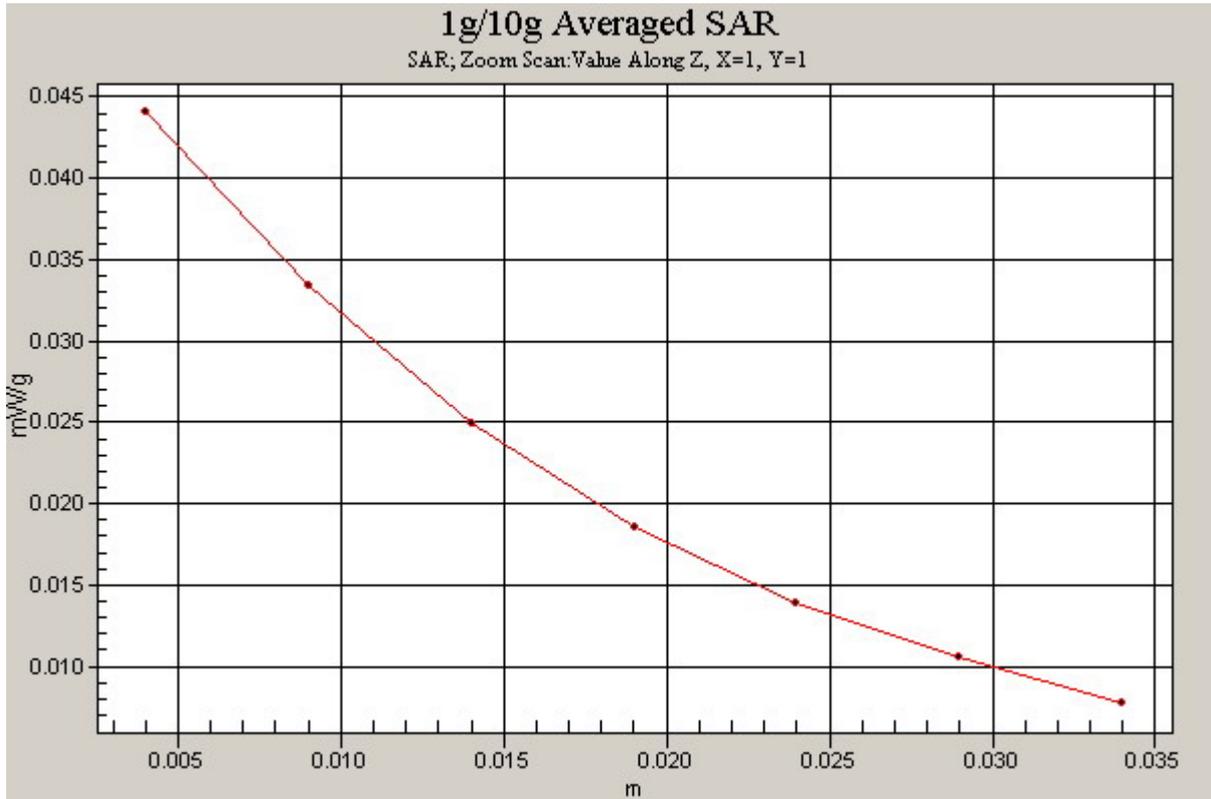


Fig. 126 Z-Scan at power reference point (WCDMA V CH4233)