

WCDMA V Left Tilt 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/m³

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

- Electronics: DAE3 Sn452;

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

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

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

Reference Value = 3.51 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.031 mW/g

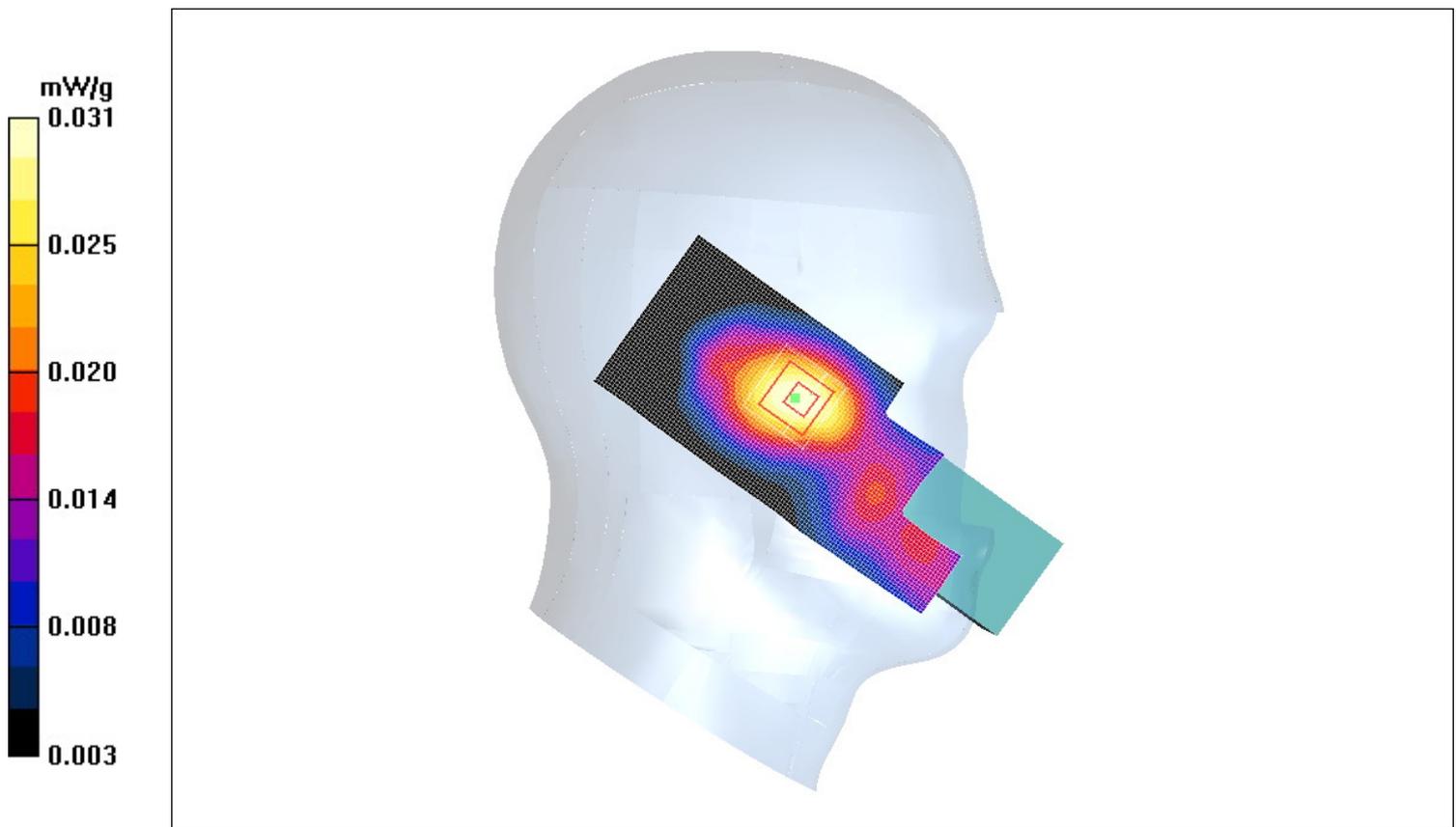


Fig.127 Left Hand Tilt 15°WCDMA V CH4182

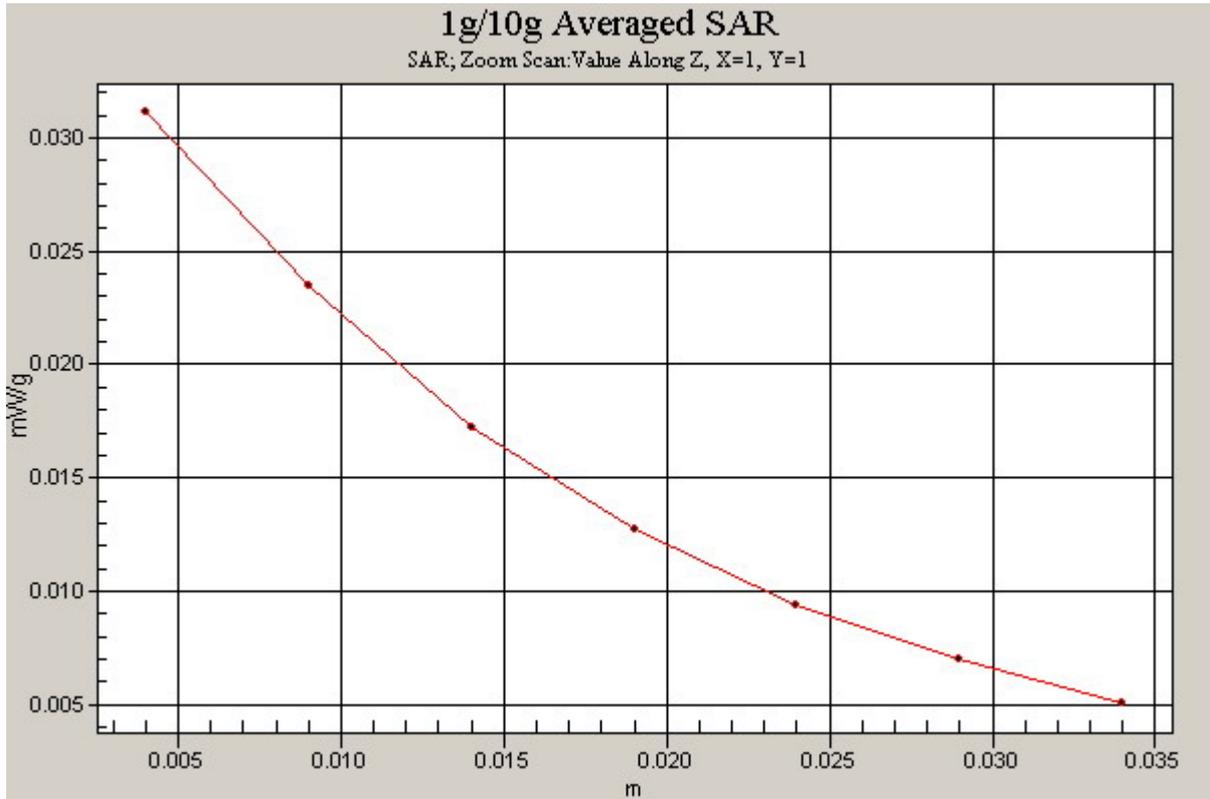


Fig. 128 Z-Scan at power reference point (WCDMA V CH4182)

WCDMA V Left Tilt Low

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

Medium: Head 850MHz

Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.038 mW/g

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

Reference Value = 3.99 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.026 mW/g

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

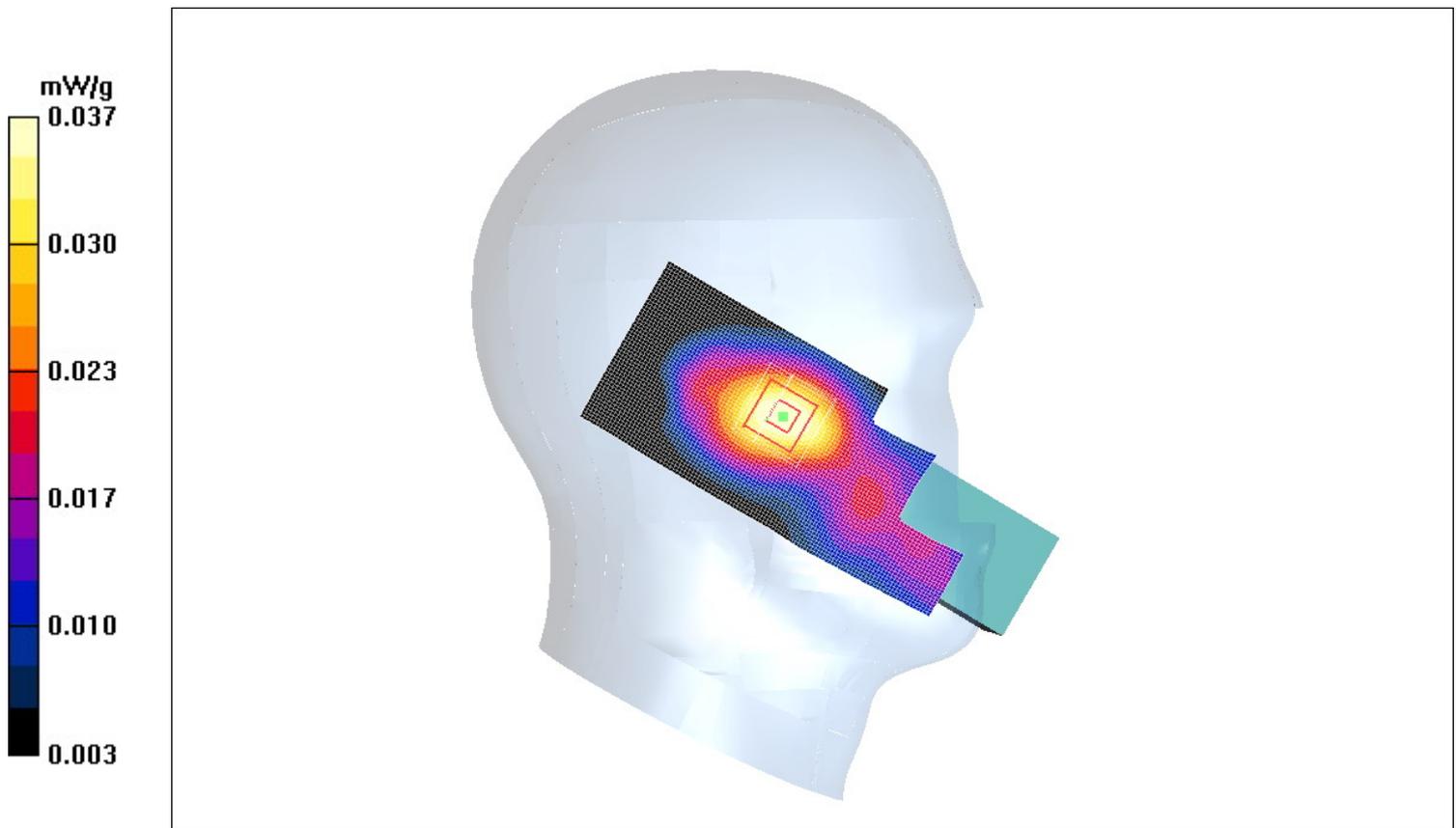


Fig.129 Left Hand Tilt 15°WCDMA V CH4132

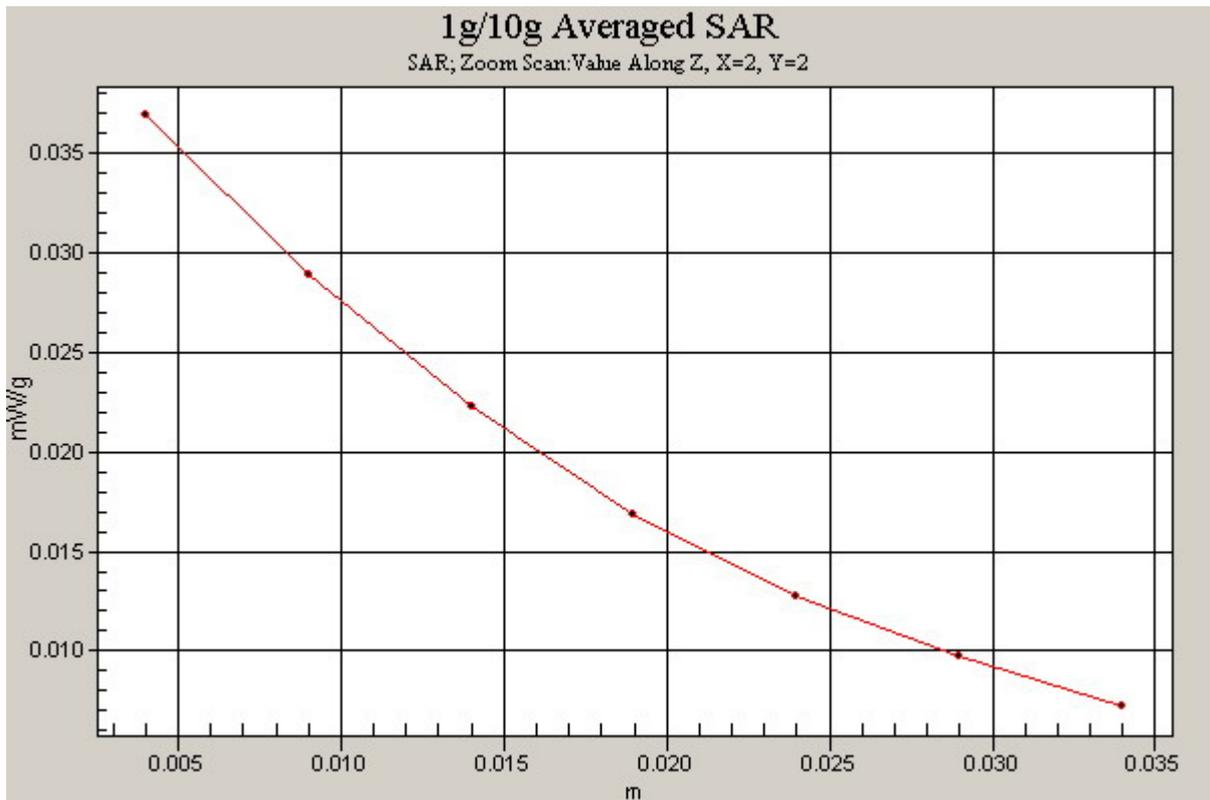


Fig.130 Z-Scan at power reference point (WCDMA V CH4132)

WCDMA V Right 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/m³

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

- Electronics: DAE4 Sn452;

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

Maximum value of SAR (interpolated) = 0.380 mW/g

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

Reference Value = 2.95 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.390 mW/g

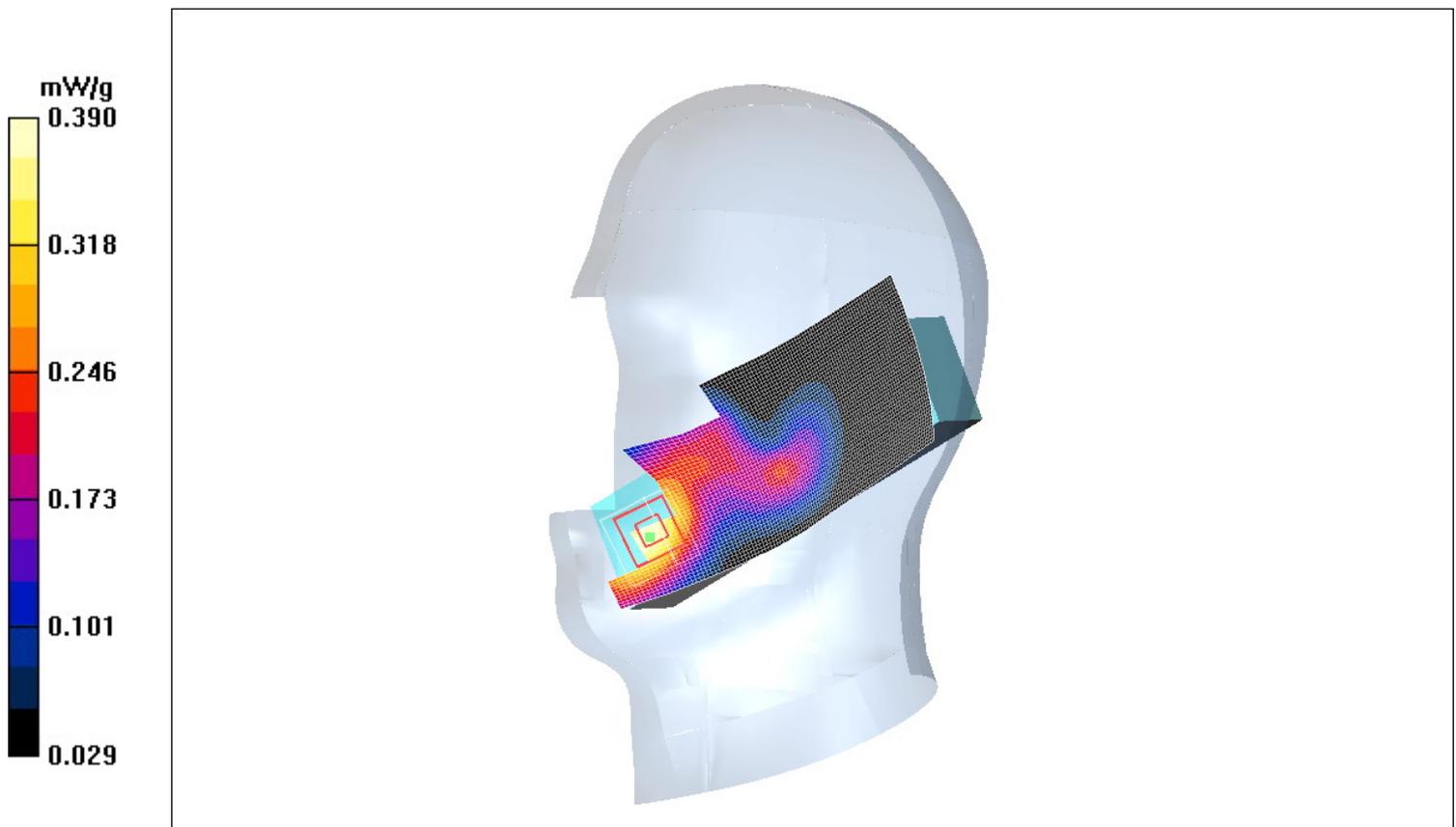


Fig.131 Right Hand Touch Cheek WCDMA V CH4233

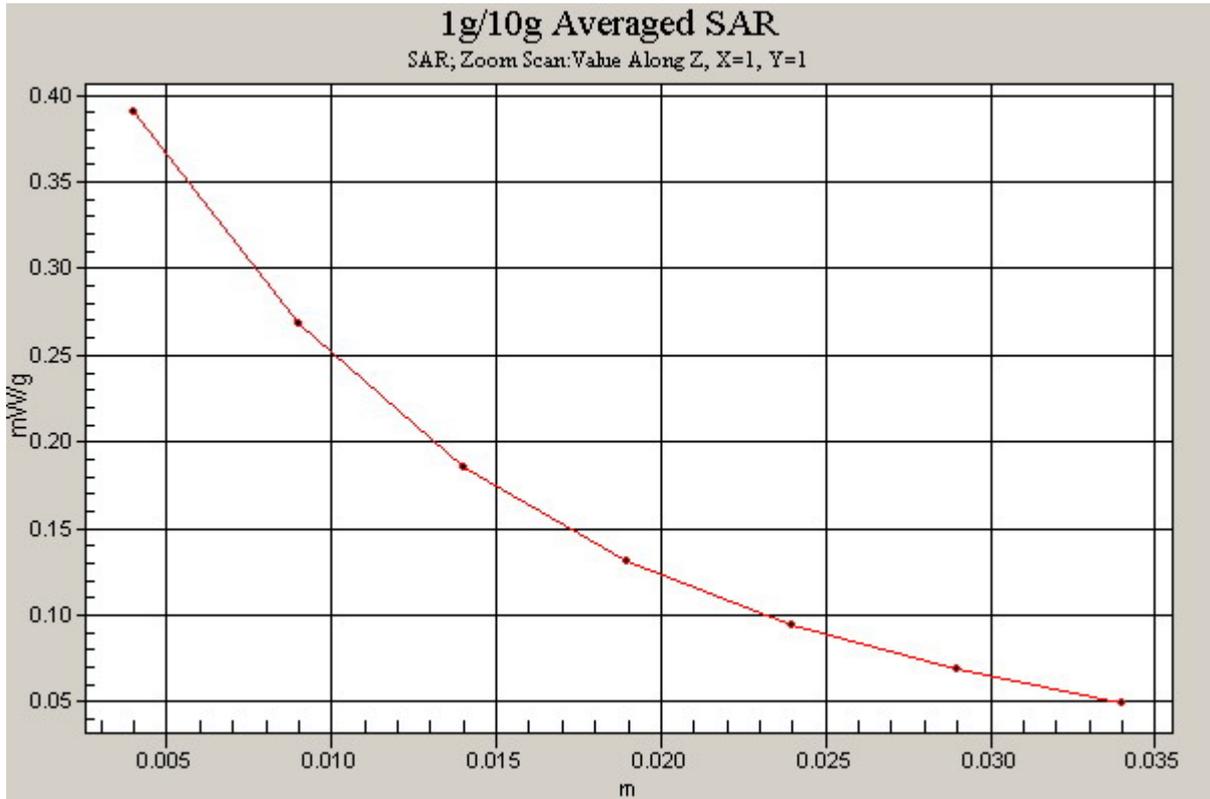


Fig. 132 Z-Scan at power reference point (WCDMA V CH4233)

WCDMA V Right Cheek Middle

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

Medium: Head 850MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.941$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

- 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) = 0.252 mW/g

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

Reference Value = 2.66 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.158 mW/g

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

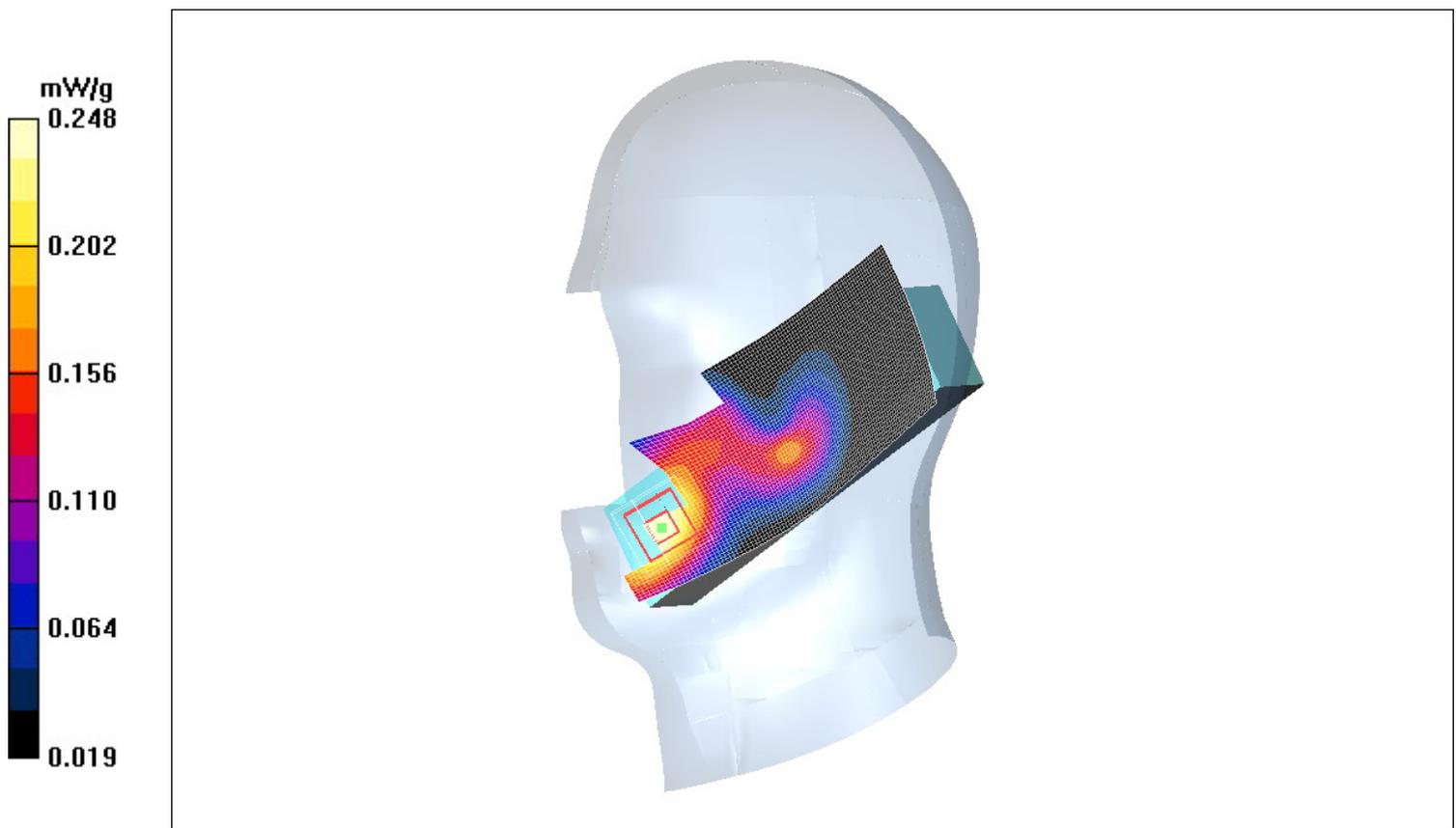


Fig. 133 Right Hand Touch Cheek WCDMA V CH4182

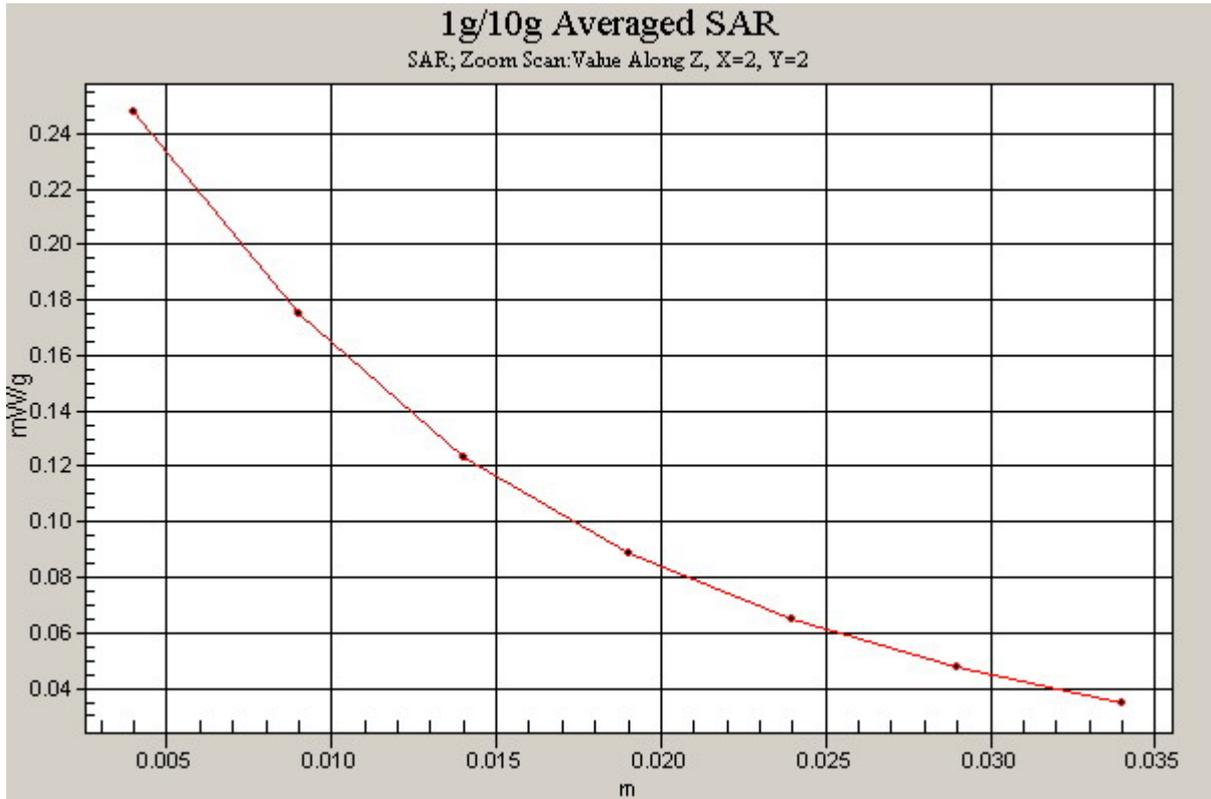


Fig. 134 Z-Scan at power reference point (WCDMA V CH4182)

WCDMA V Right Cheek Low

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

Medium: Head 850MHz

Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

- 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) = 0.272 mW/g

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

Reference Value = 2.77 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.285 mW/g

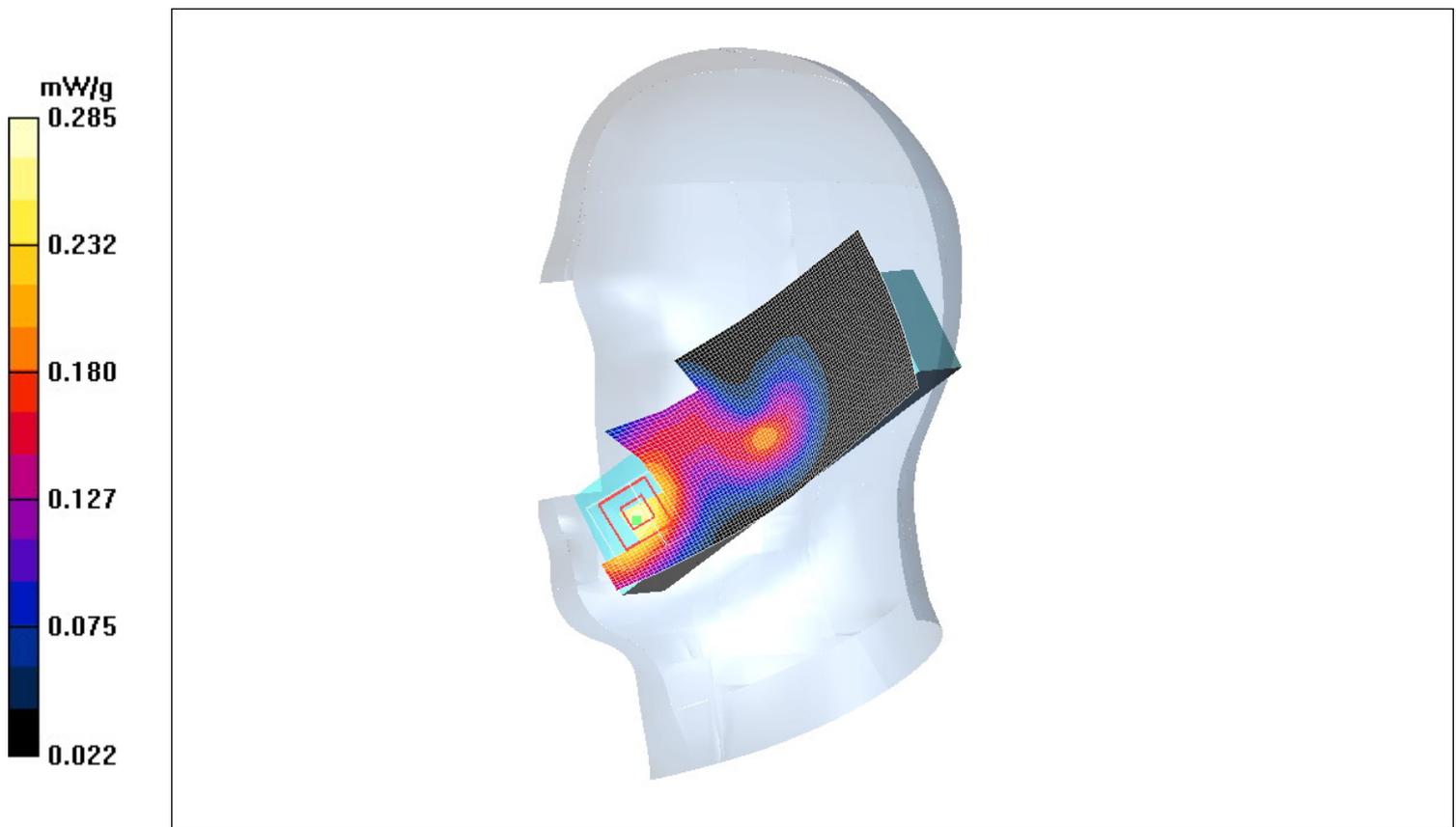


Fig. 135 Right Hand Touch Cheek WCDMA V CH4132

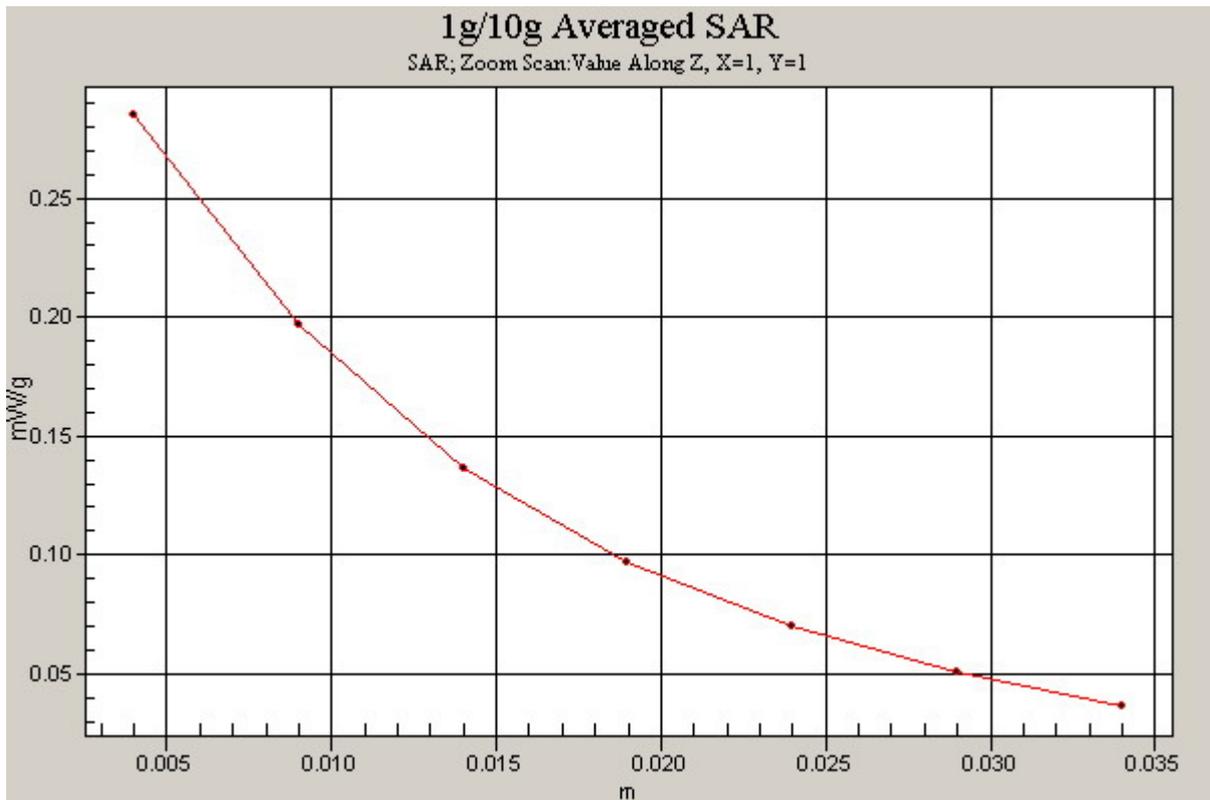


Fig. 136 Z-Scan at power reference point (WCDMA V CH4132)

WCDMA V Right 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/m³

- 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) = 0.049 mW/g

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

Reference Value = 4.46 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.060 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.049 mW/g

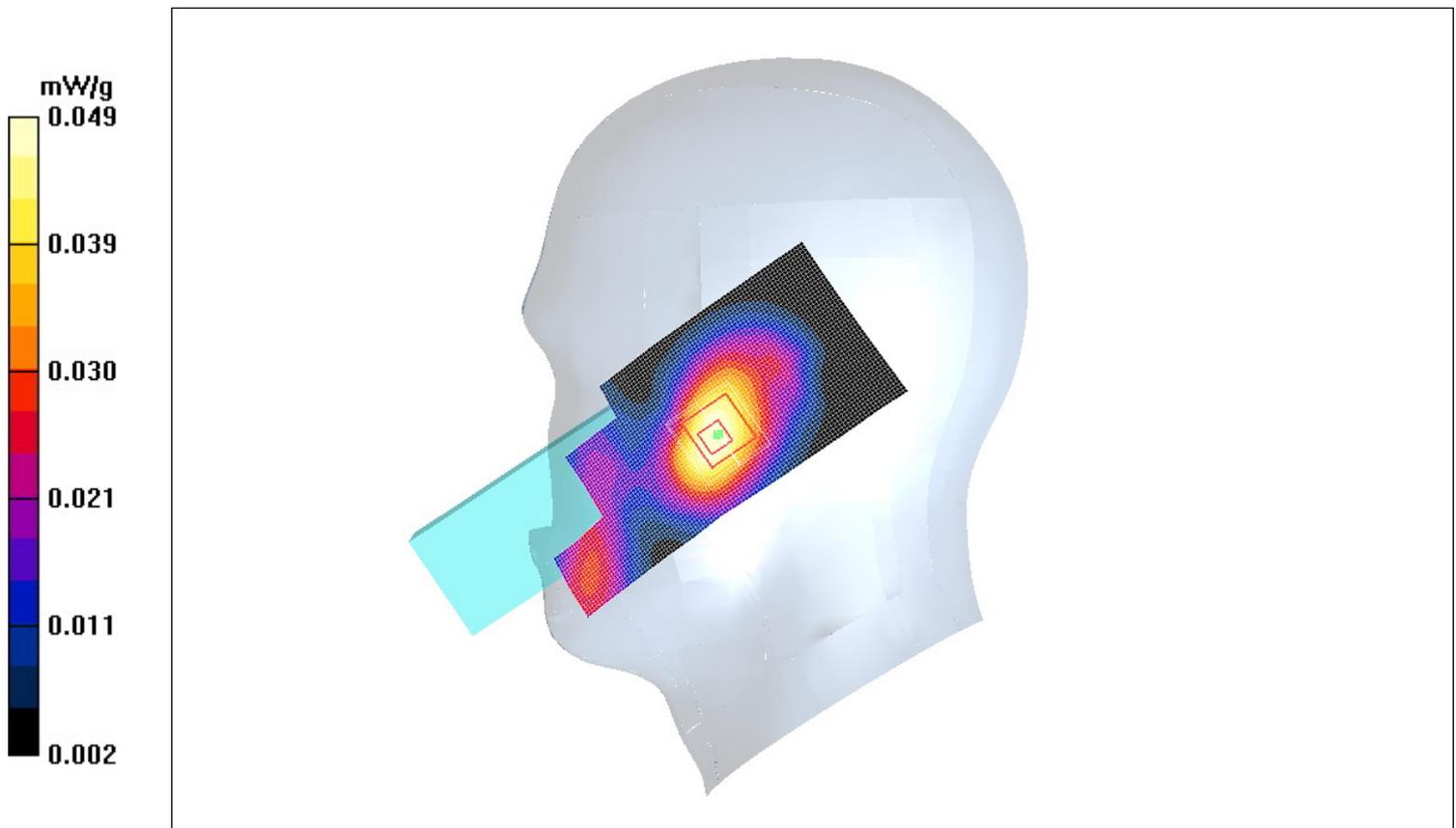


Fig.137 Right Hand Tilt 15°WCDMA V CH4233

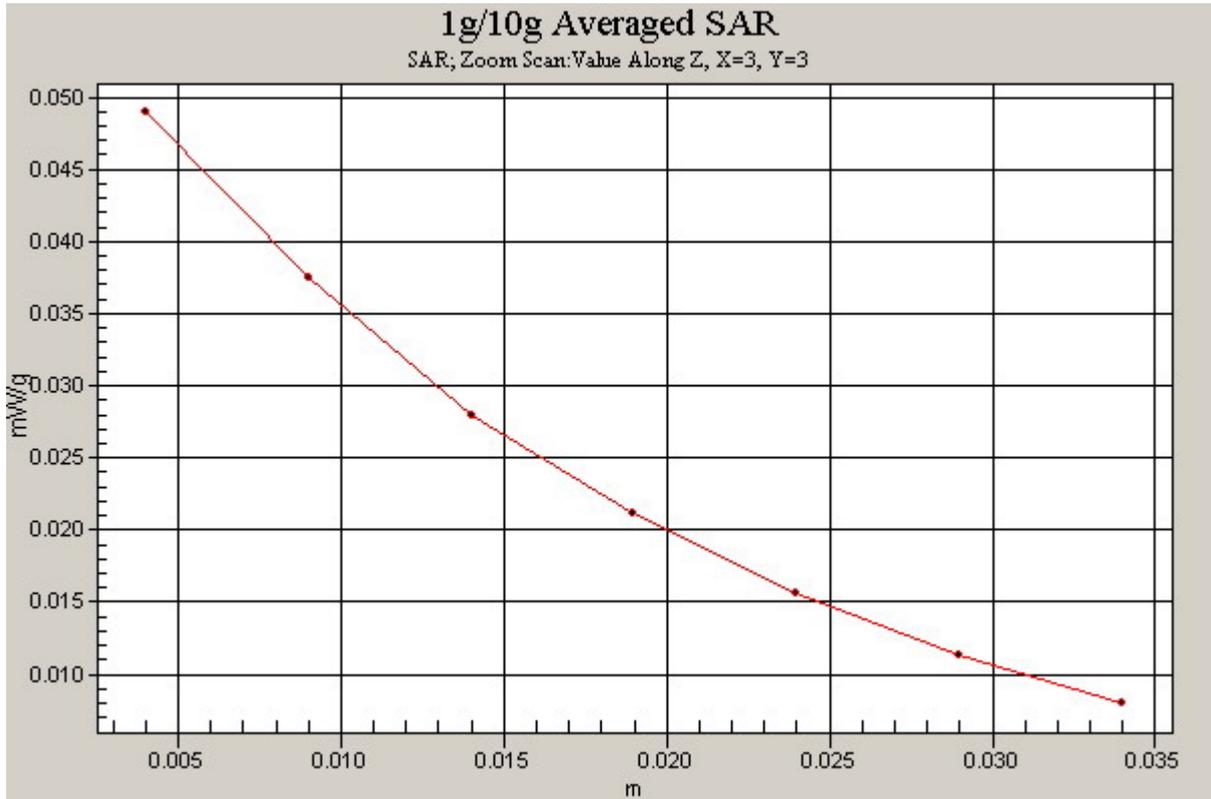


Fig. 138 Z-Scan at power reference point (WCDMA V CH4233)

WCDMA V Right Tilt 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/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.035 mW/g

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

Reference Value = 3.79 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.044 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.034 mW/g

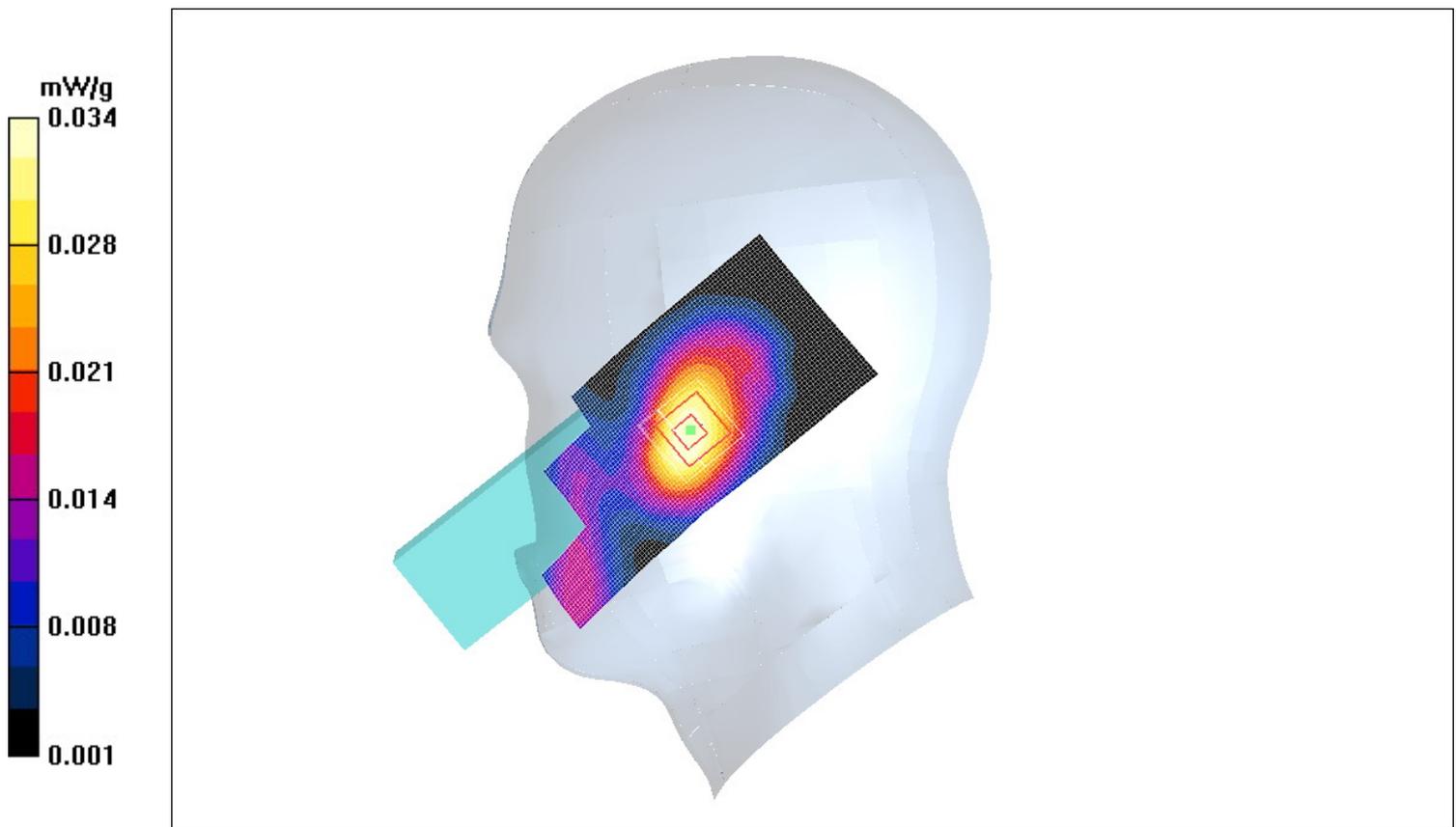


Fig.139 Right Hand Tilt 15°WCDMA V CH4182

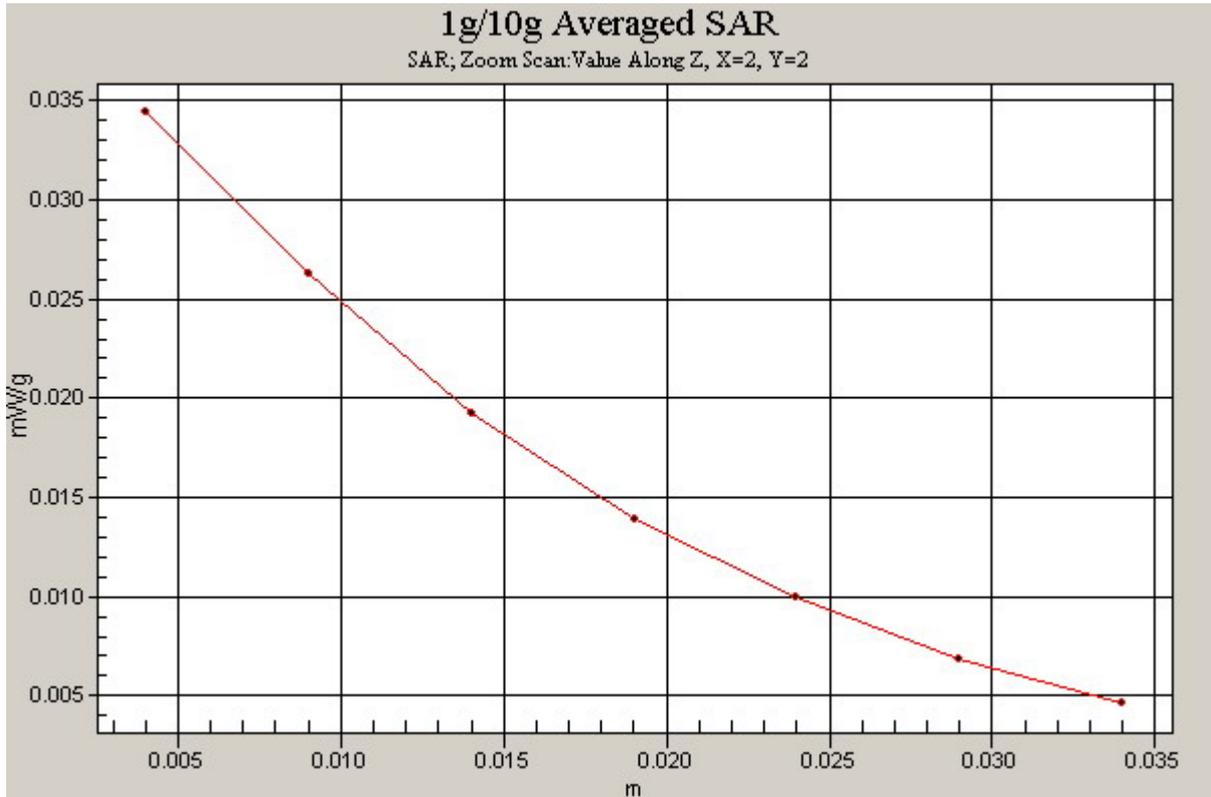


Fig. 140 Z-Scan at power reference point (WCDMA V CH4182)

WCDMA V Right Tilt Low

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

Medium: Head 850MHz

Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

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

- 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 = 3.50 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.026 mW/g

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

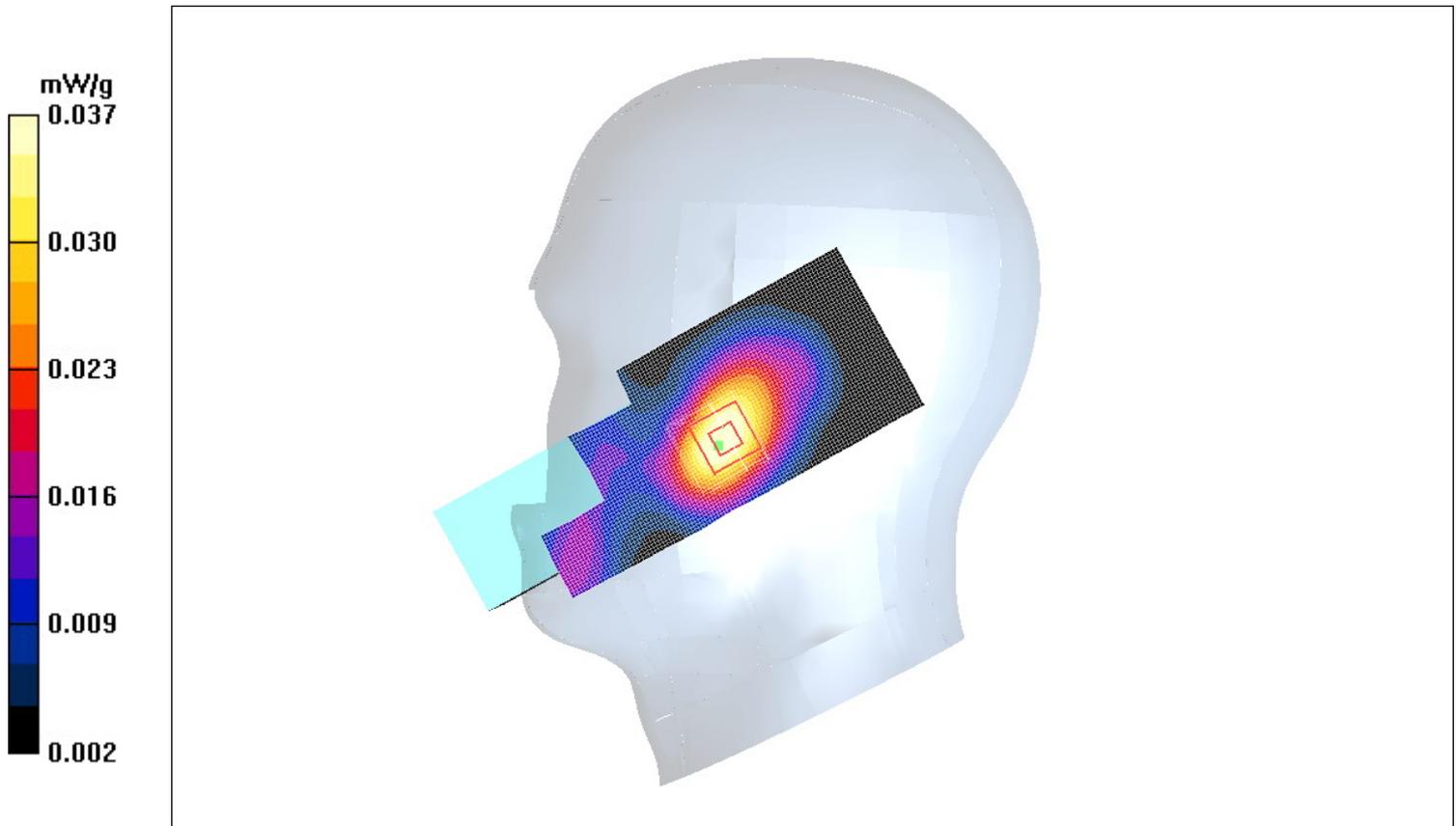


Fig.141 Right Hand Tilt 15°WCDMA V CH4132

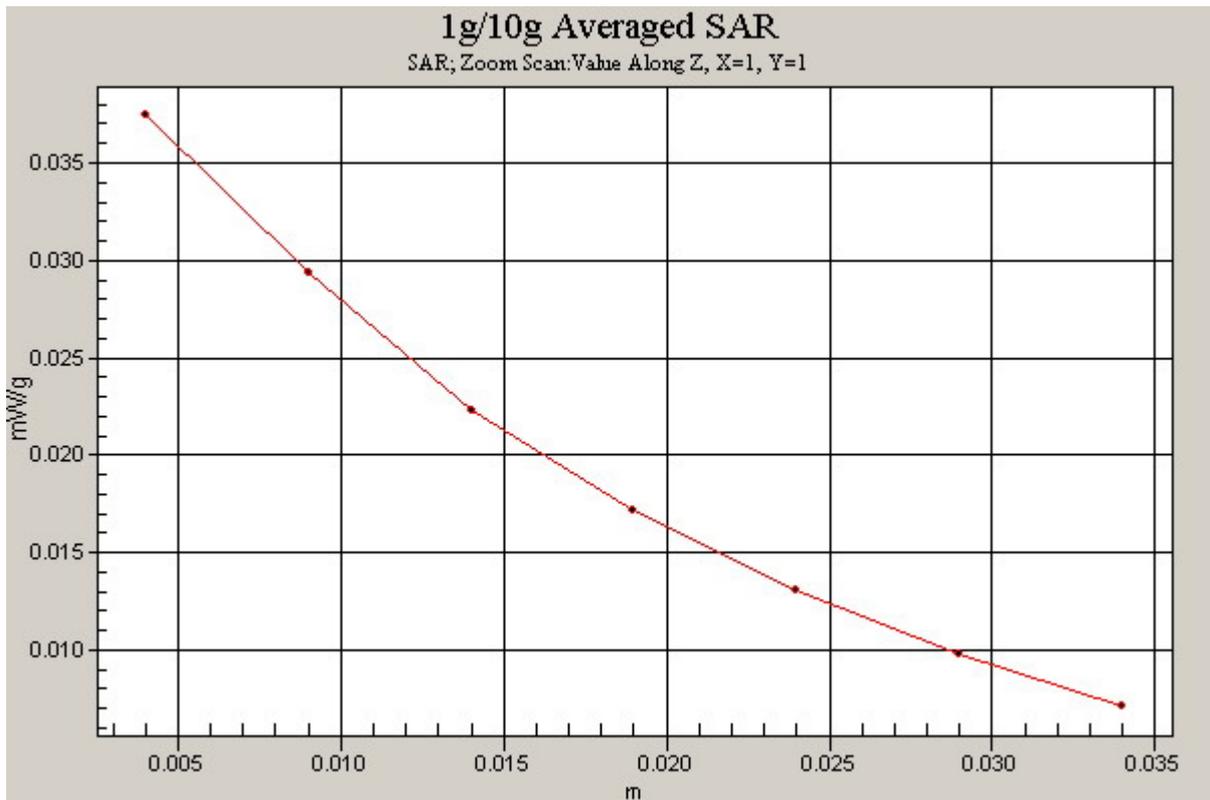


Fig.142 Z-Scan at power reference point (WCDMA V CH4132)

WCDMA V Towards the ground High

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

Medium: Body 835MHz

Medium parameters used: $f = 846.6$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(6.52, 6.52, 6.52);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.500 mW/g

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

Reference Value = 5.93 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.515 mW/g

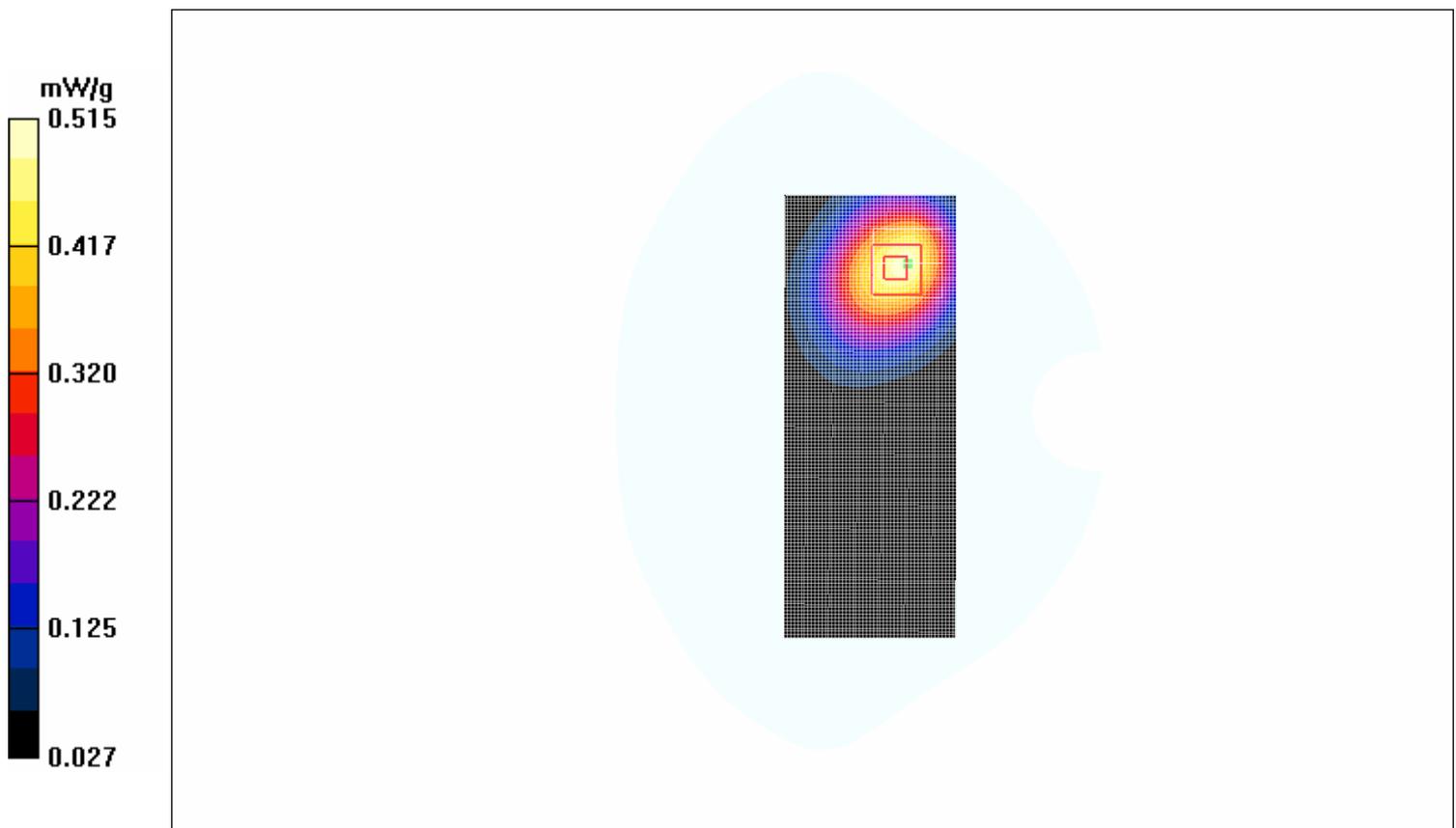


Fig. 143 Body, Towards the ground, WCDMA V CH4233

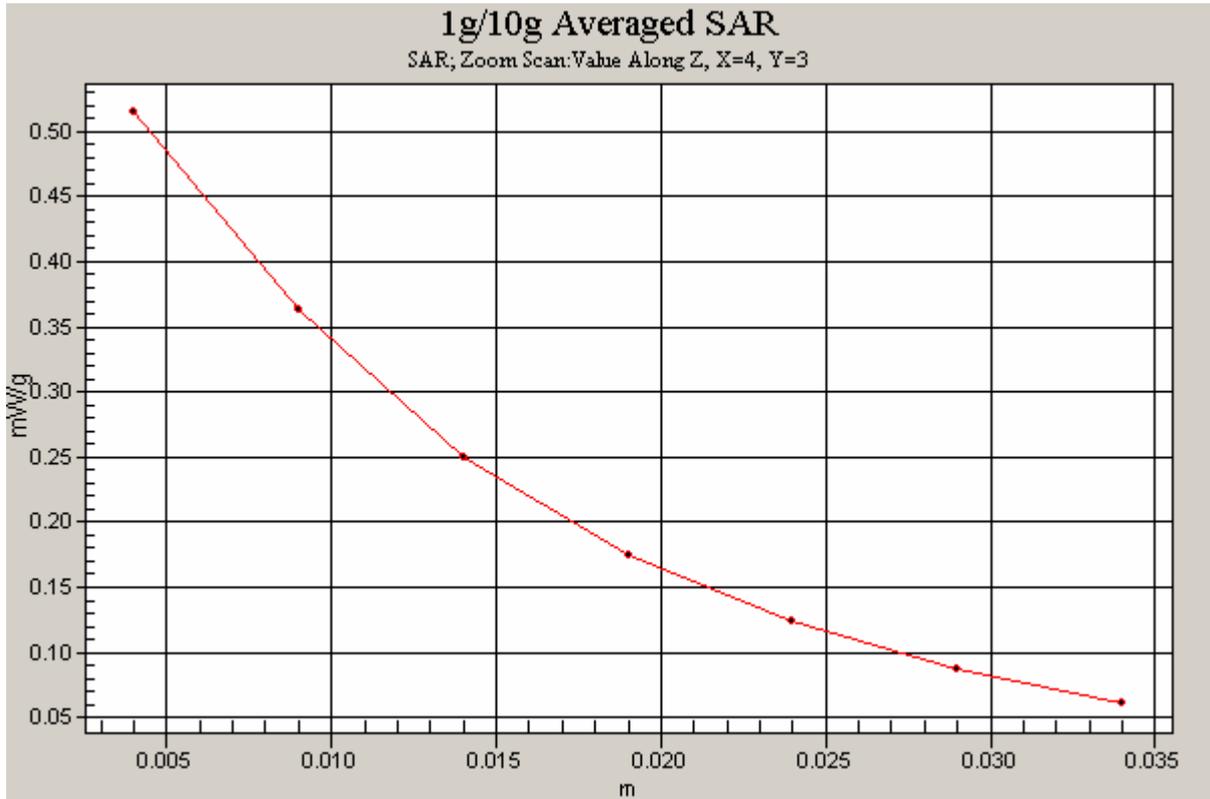


Fig. 144 Z-Scan at power reference point (Body, Towards the ground, WCDMA V CH4233)

WCDMA V Towards the ground Middle

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

Medium: Body 835MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

- Probe: ET3DV6 - SN1737; ConvF(6.52, 6.52, 6.52);

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.358 mW/g

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

Reference Value = 4.51 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.330 mW/g

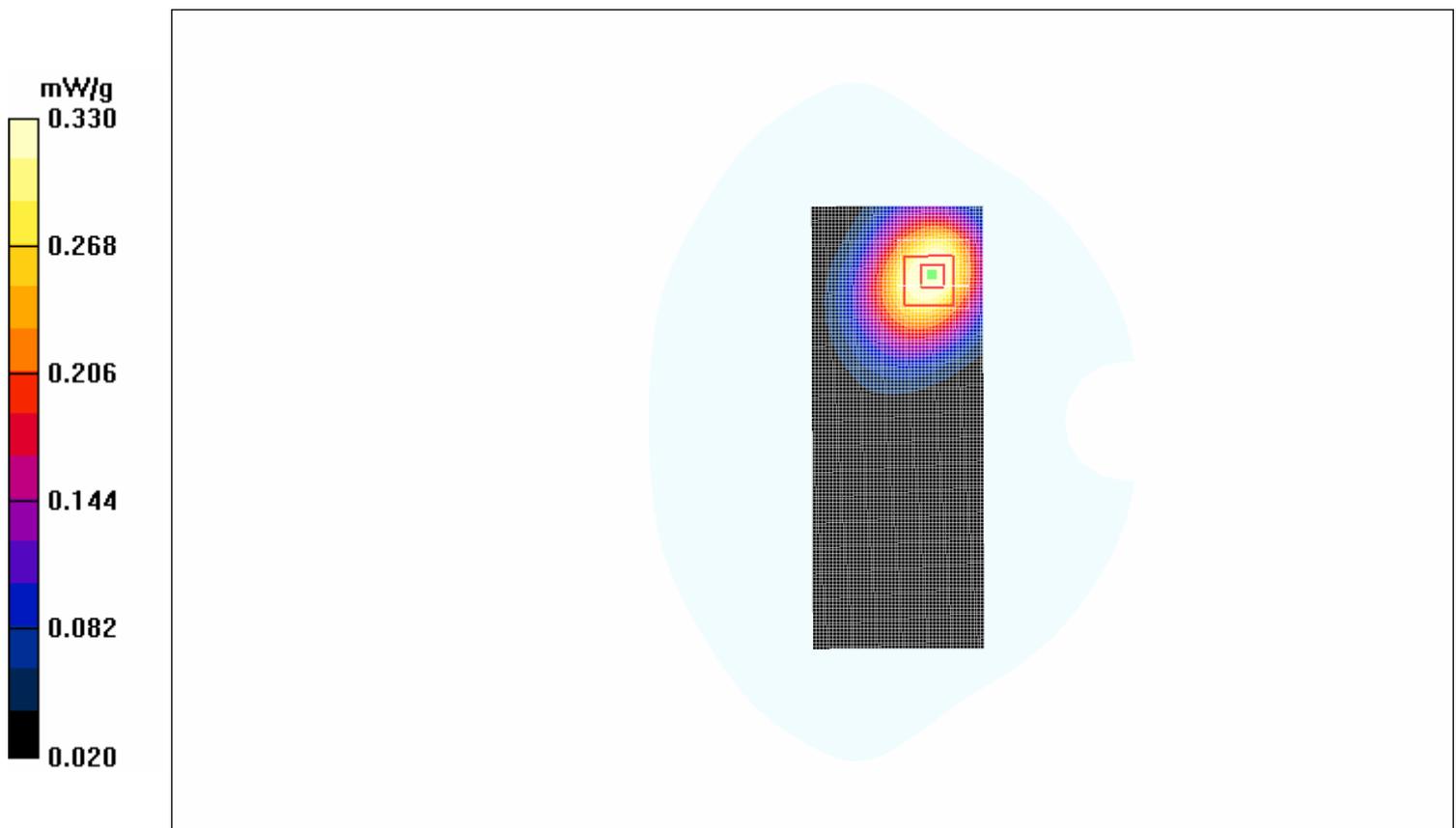


Fig. 145 Body, Towards the ground, WCDMA V CH4182

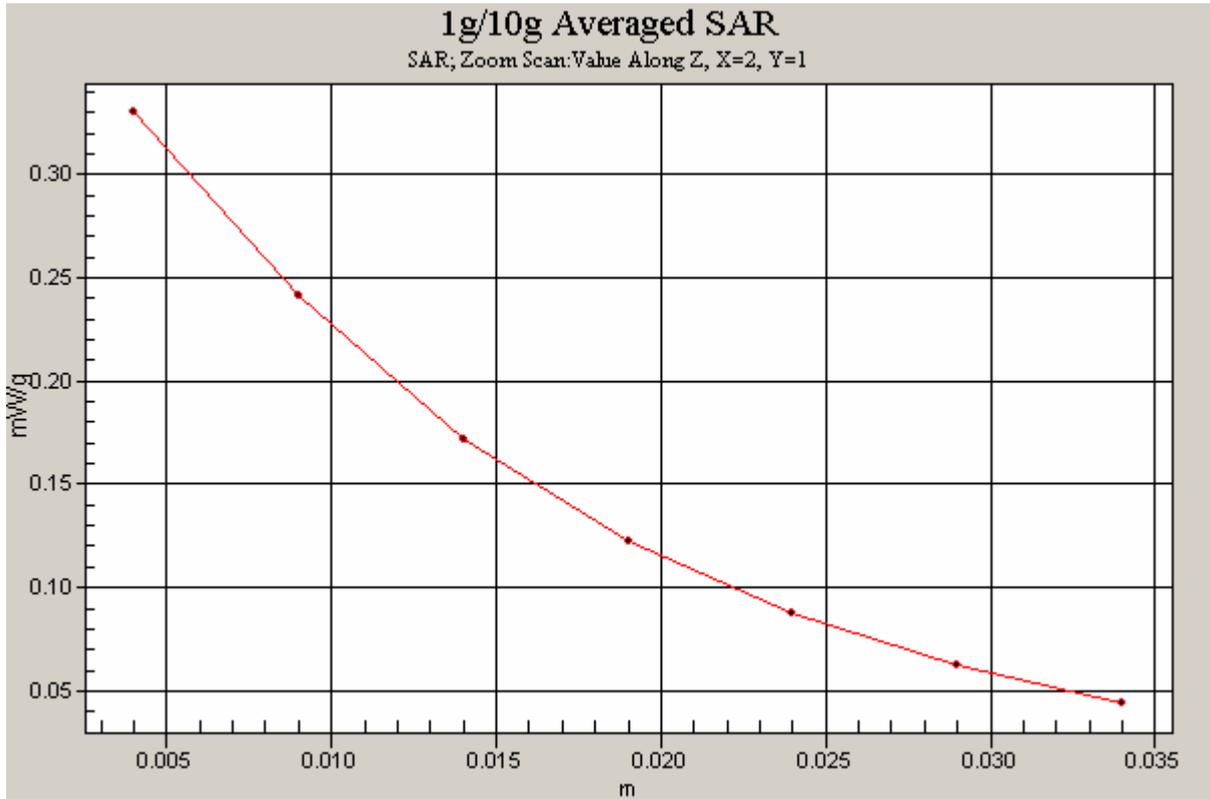


Fig. 146 Z-Scan at power reference point (Body, Towards the ground, WCDMA V CH4182)