

CDMA Cellular Left Tilt Middle

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.474 mW/g

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

Reference Value = 17.6 V/m; Power Drift = -0.147 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.459 mW/g



Fig. 15 Left Hand Tilt 15° CDMA Cellular CH384

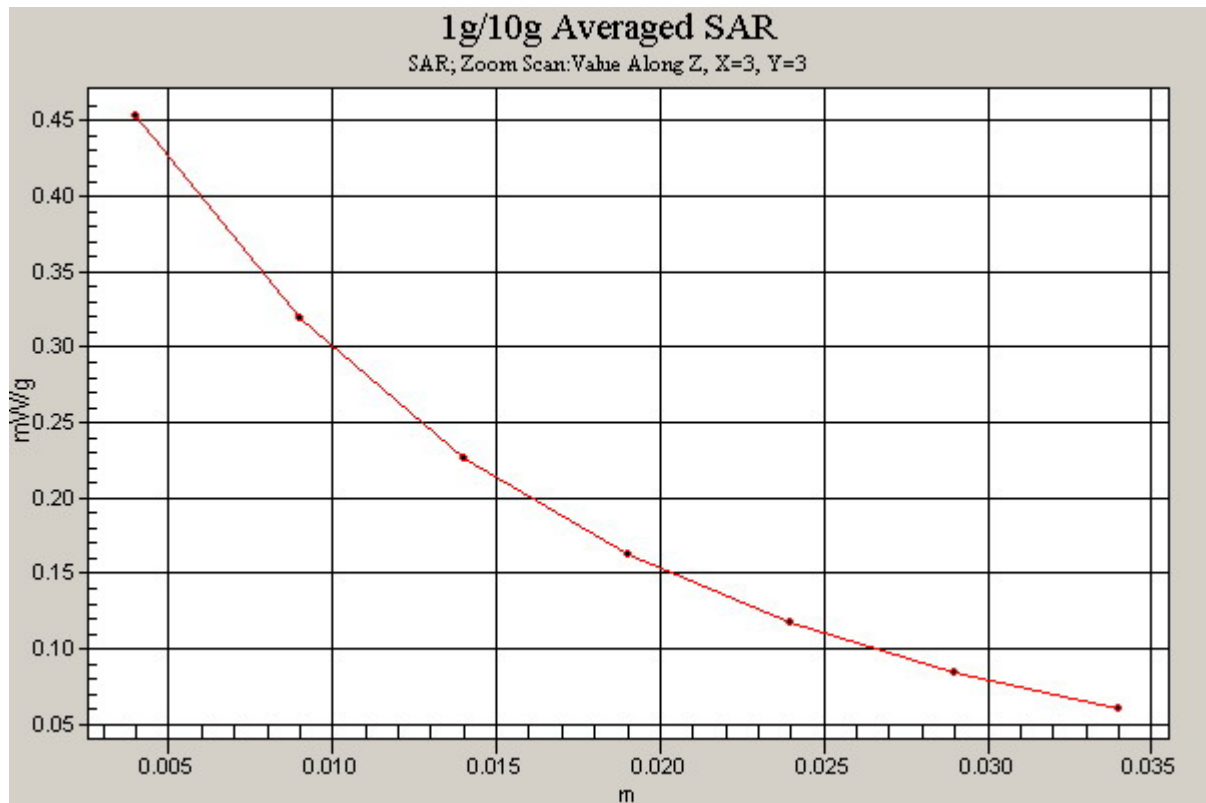


Fig. 16 Z-Scan at power reference point (CDMA Cellular CH384)

CDMA Cellular Left Tilt Low

Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

CDMA Cellular Left Tilt Low/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.634 mW/g

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

Reference Value = 20.3 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.406 mW/g

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

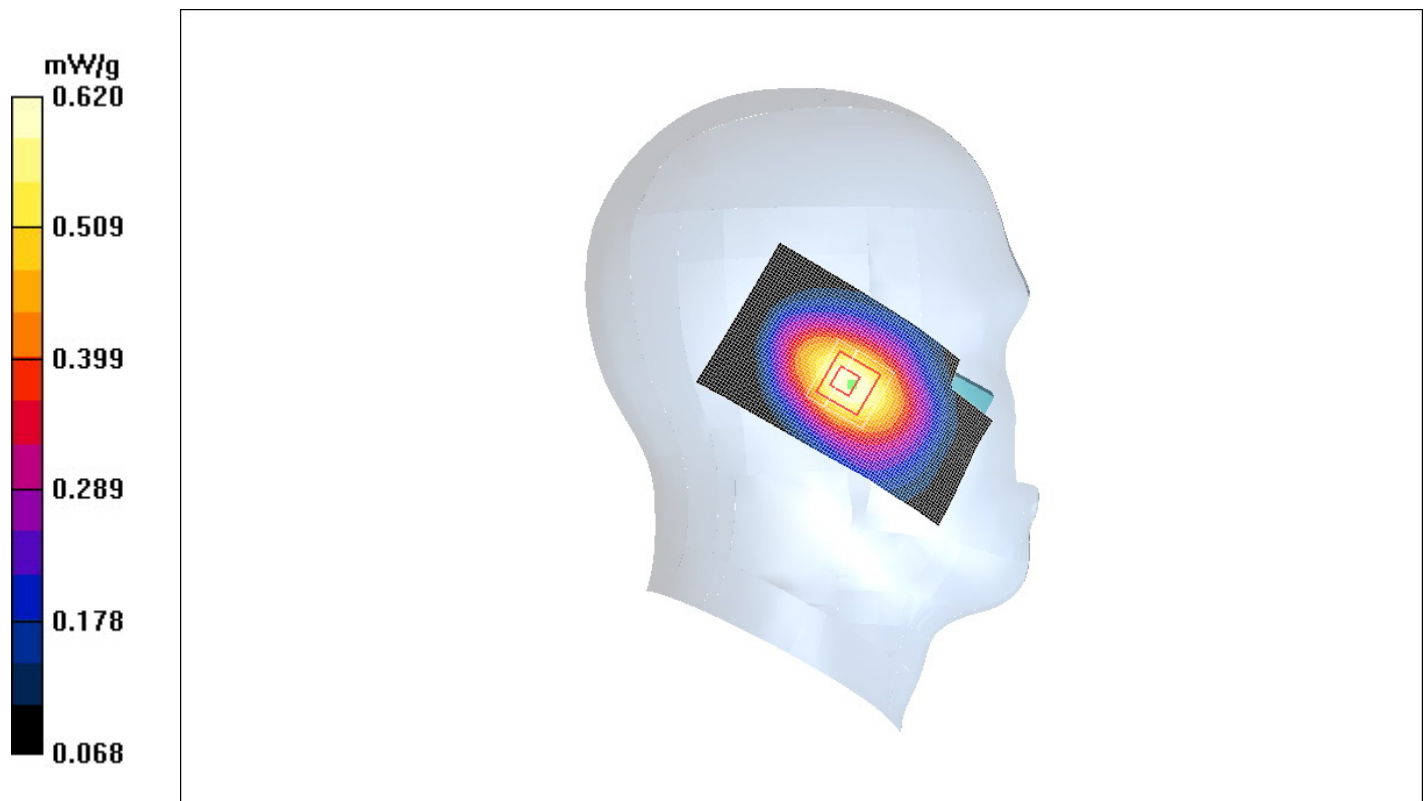


Fig. 17 Left Hand Tilt 15° CDMA Cellular CH1013

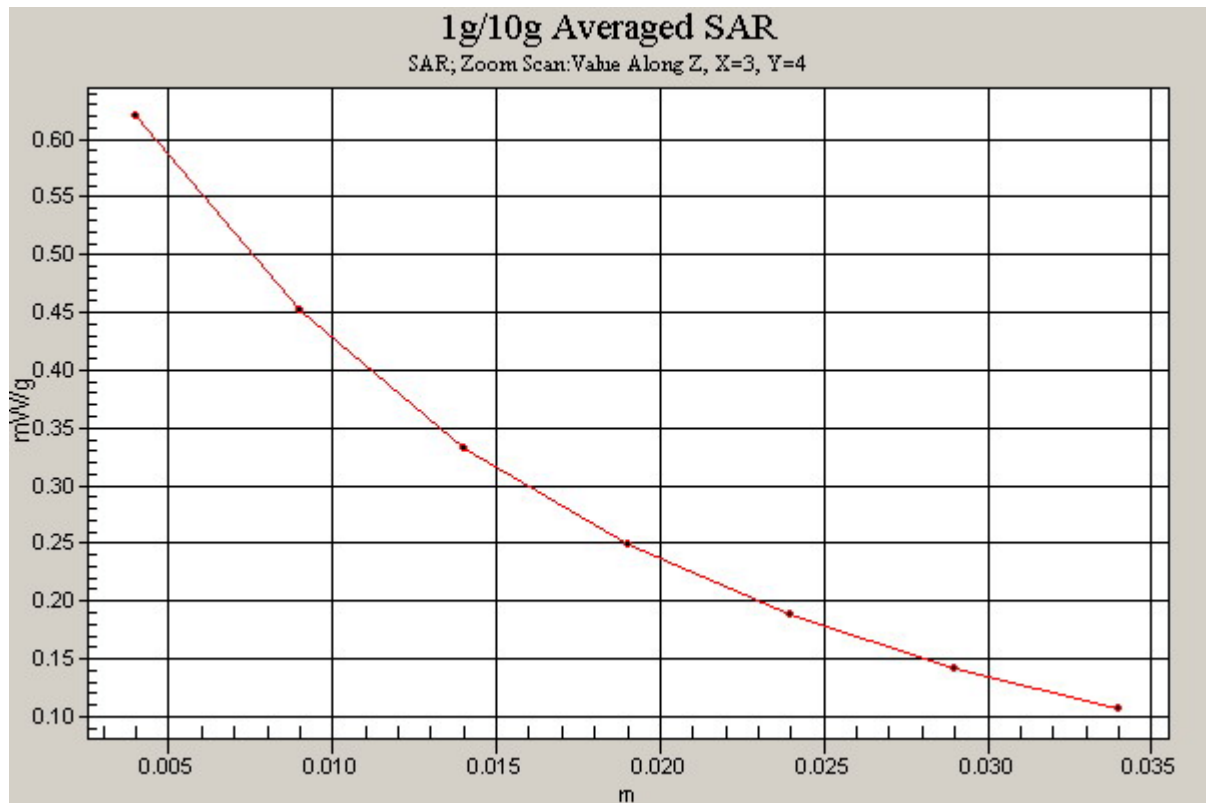


Fig.18 Z-Scan at power reference point (CDMA Cellular CH1013)

CDMA Cellular Right Cheek High

Communication System: CDMA Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 1.12 mW/g

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

Reference Value = 15.4 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.763 mW/g

Maximum value of SAR (measured) = 1.20 mW/g

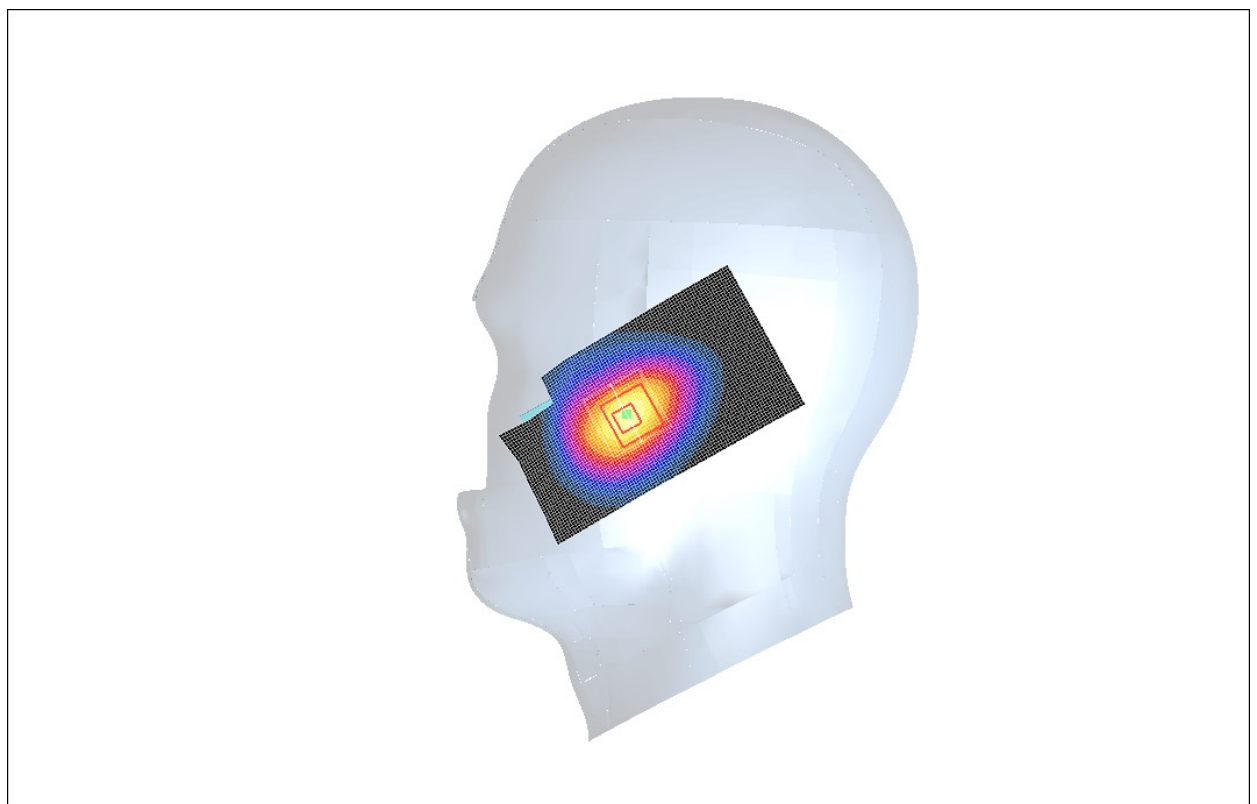
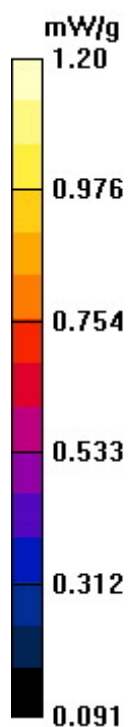


Fig. 19 Right Hand Touch Cheek CDMA Cellular CH777

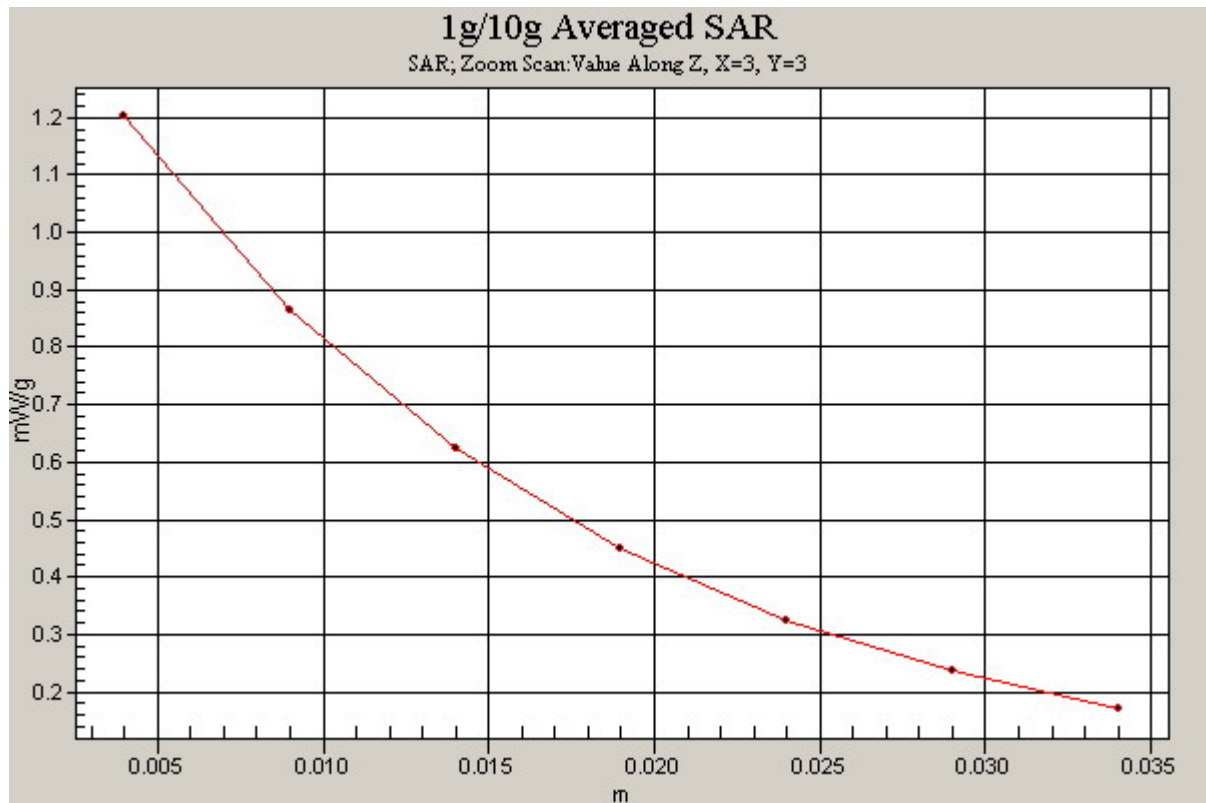


Fig. 20 Z-Scan at power reference point (CDMA Cellular CH777)

CDMA Cellular Right Cheek Middle

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 1.08 mW/g

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

Reference Value = 13.9 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.649 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



Fig. 21 Right Hand Touch Cheek CDMA Cellular CH384

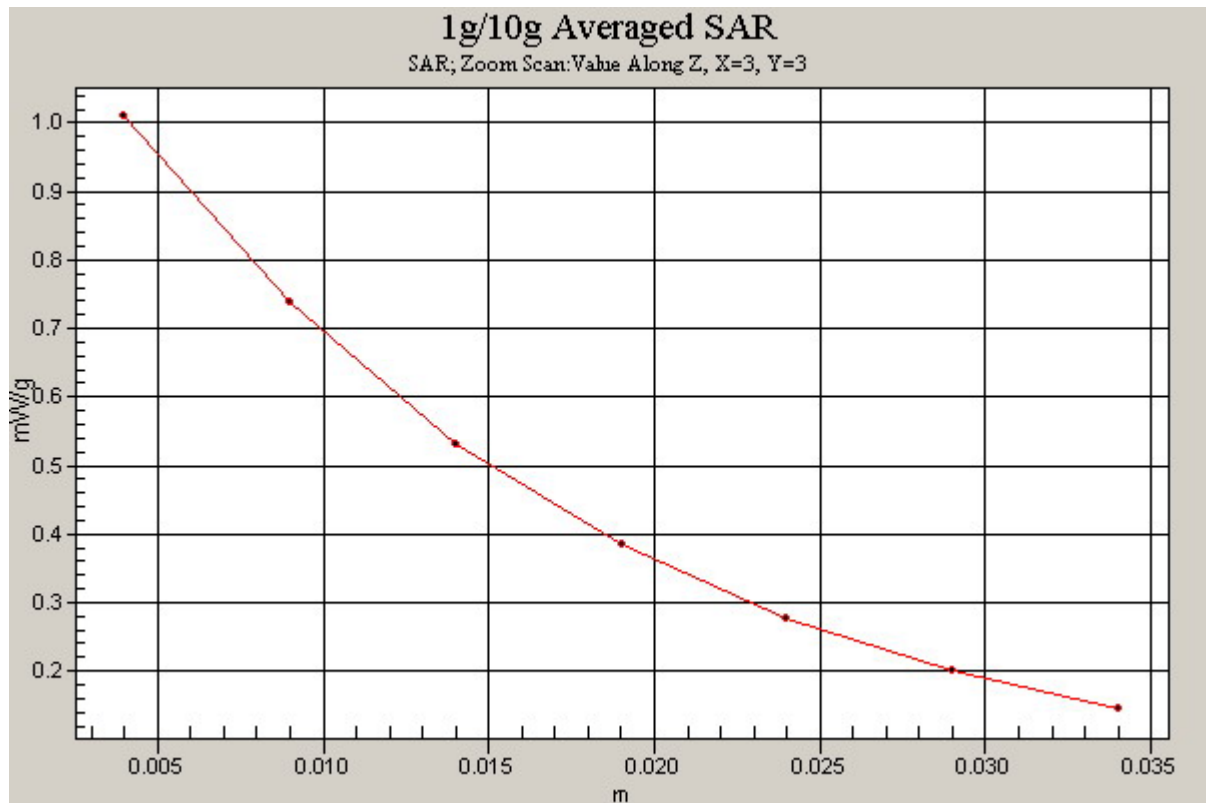


Fig. 22 Z-Scan at power reference point (CDMA Cellular CH384)

CDMA Cellular Right Cheek Low

Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 1.21 mW/g

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

Reference Value = 15.6 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.817 mW/g

Maximum value of SAR (measured) = 1.29 mW/g

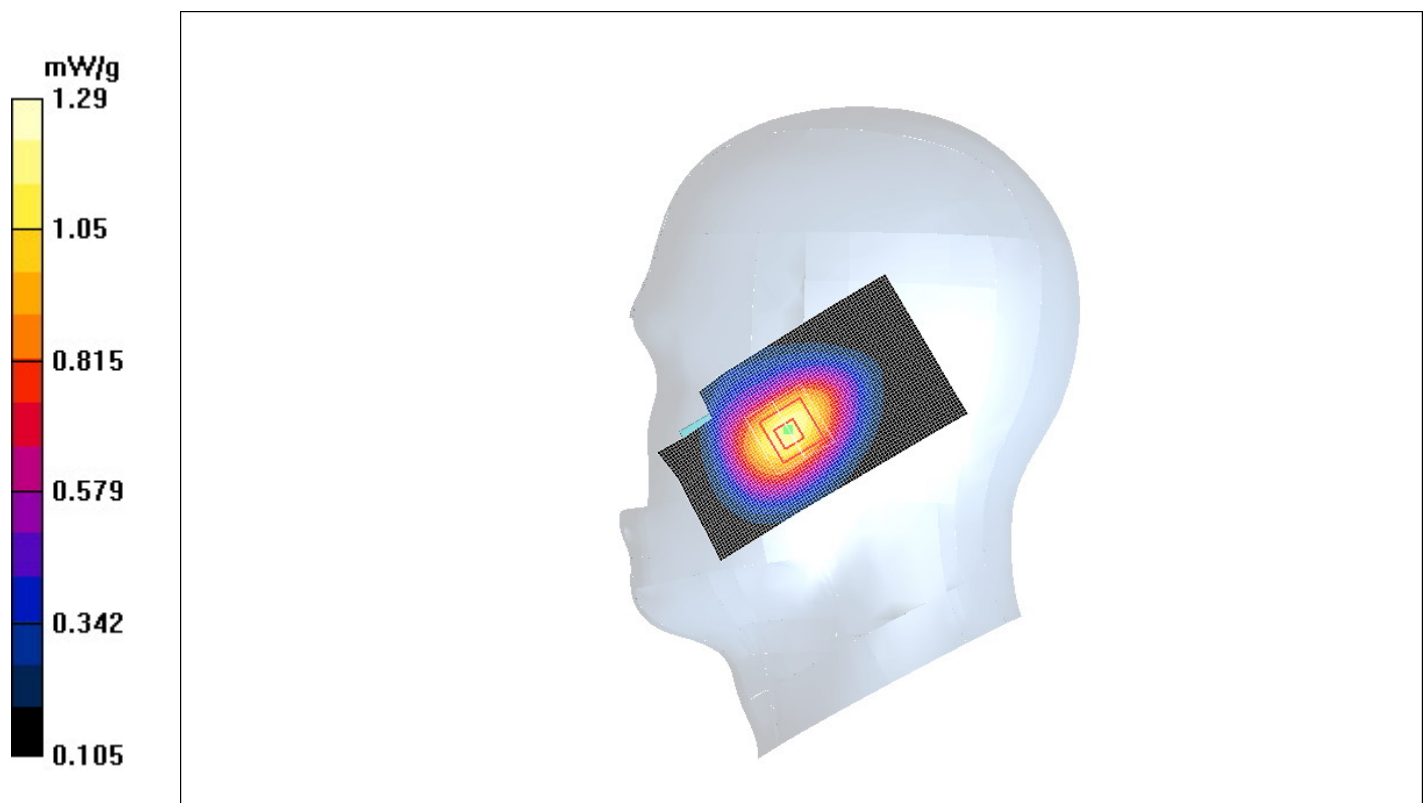


Fig. 23 Right Hand Touch Cheek CDMA Cellular CH1013

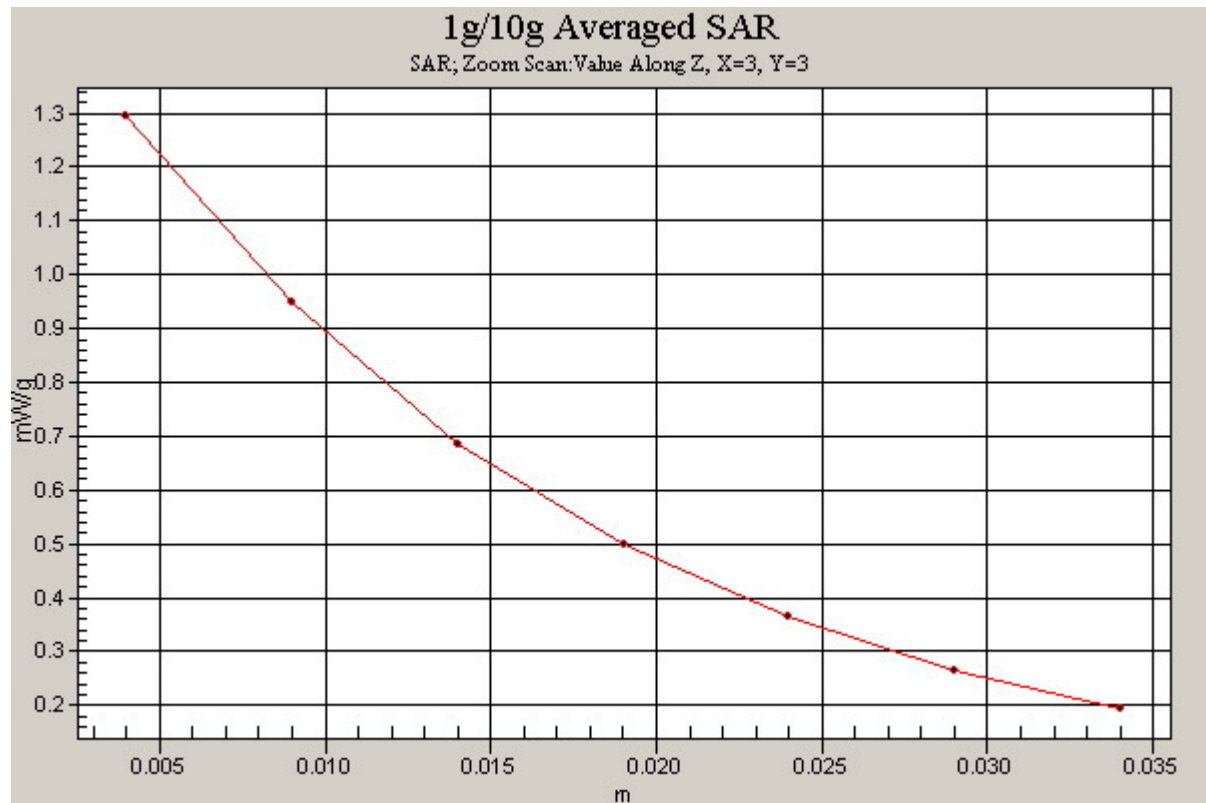


Fig. 24 Z-Scan at power reference point (CDMA Cellular CH1013)

CDMA Cellular Right Tilt High

Communication System: CDMA Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.942$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.495 mW/g

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

Reference Value = 17.5 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.536 mW/g

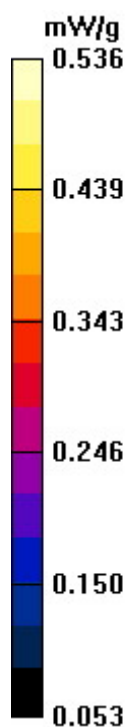


Fig. 25 Right Hand Tilt 15° CDMA Cellular CH777

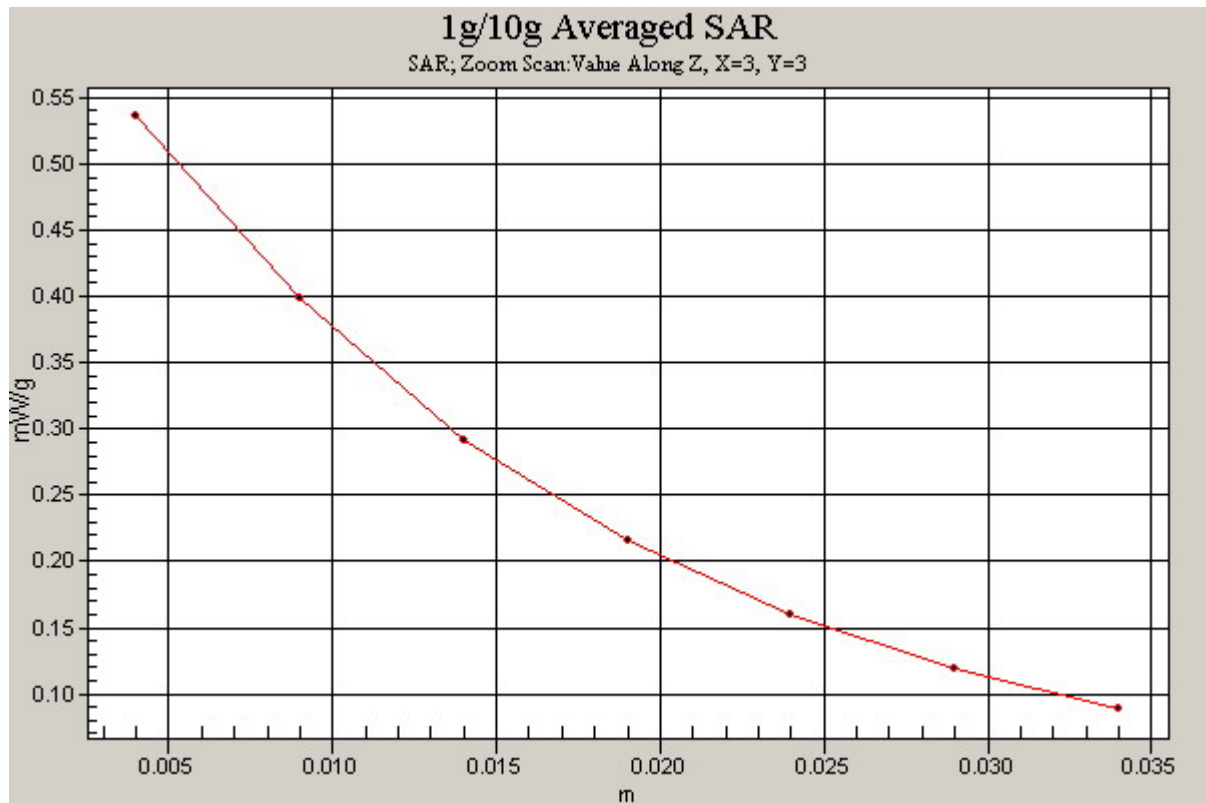


Fig. 26 Z-Scan at power reference point (CDMA Cellular CH777)

CDMA Cellular Right Tilt Middle

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

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

Maximum value of SAR (interpolated) = 0.417 mW/g

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

Reference Value = 16.0 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.447 mW/g

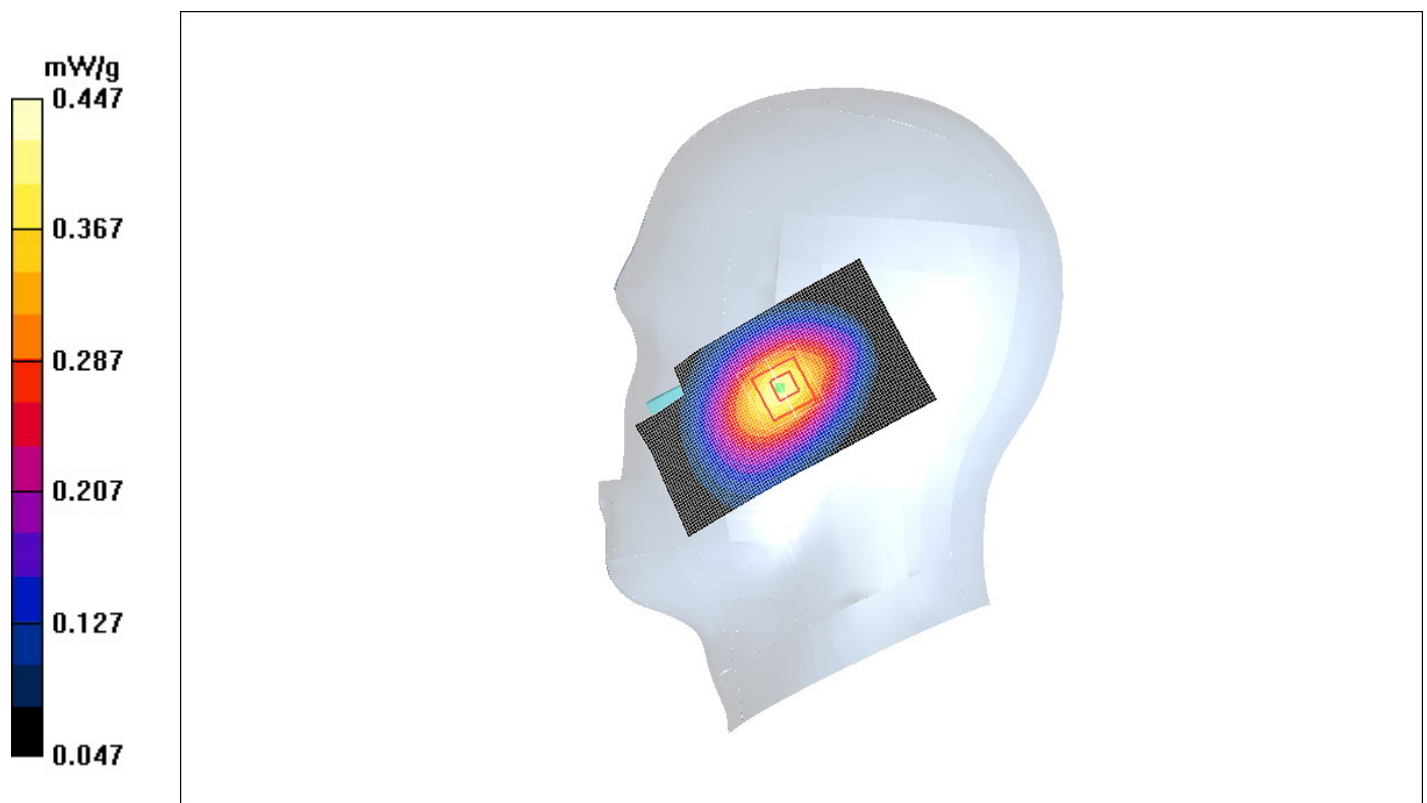


Fig. 27 Right Hand Tilt 15° CDMA Cellular CH384

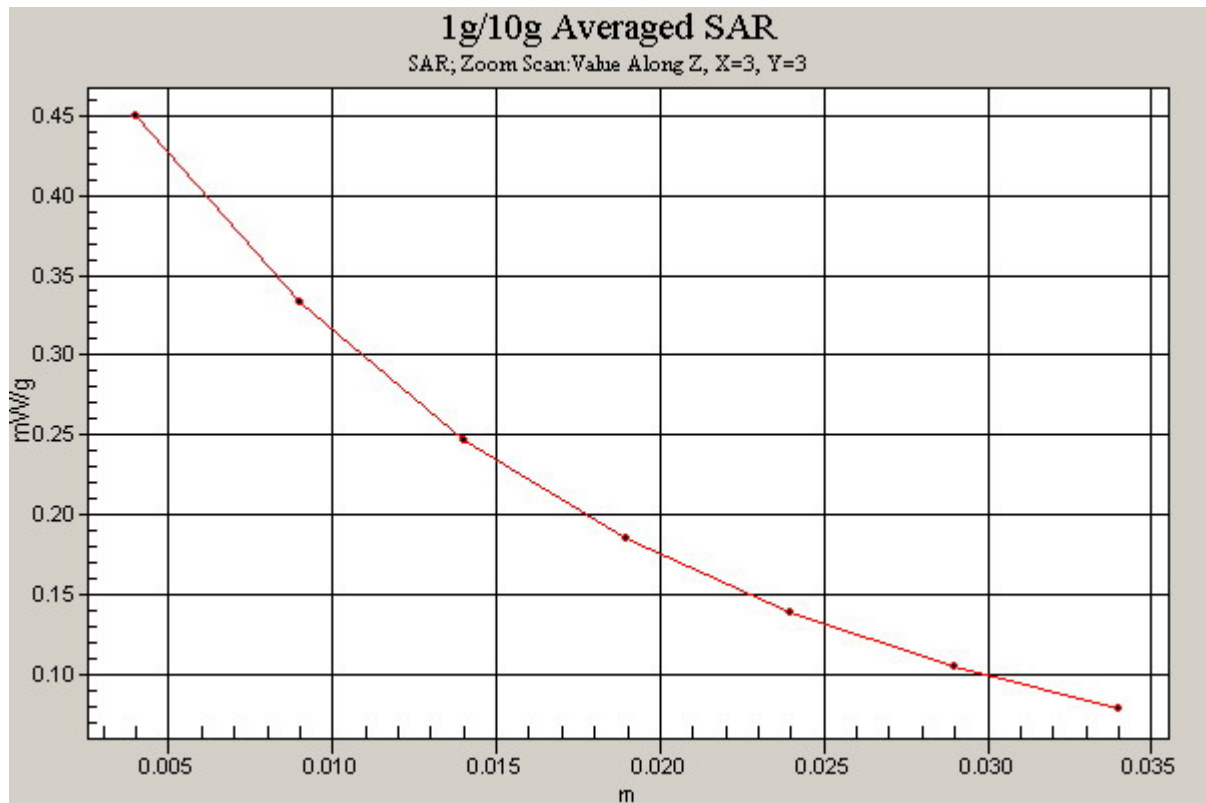


Fig.28 Z-Scan at power reference point (CDMA Cellular CH384)

CDMA Cellular Right Tilt Low

Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: Head 835MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

CDMA Cellular Right Tilt Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.555 mW/g

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

Reference Value = 18.8 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.588 mW/g

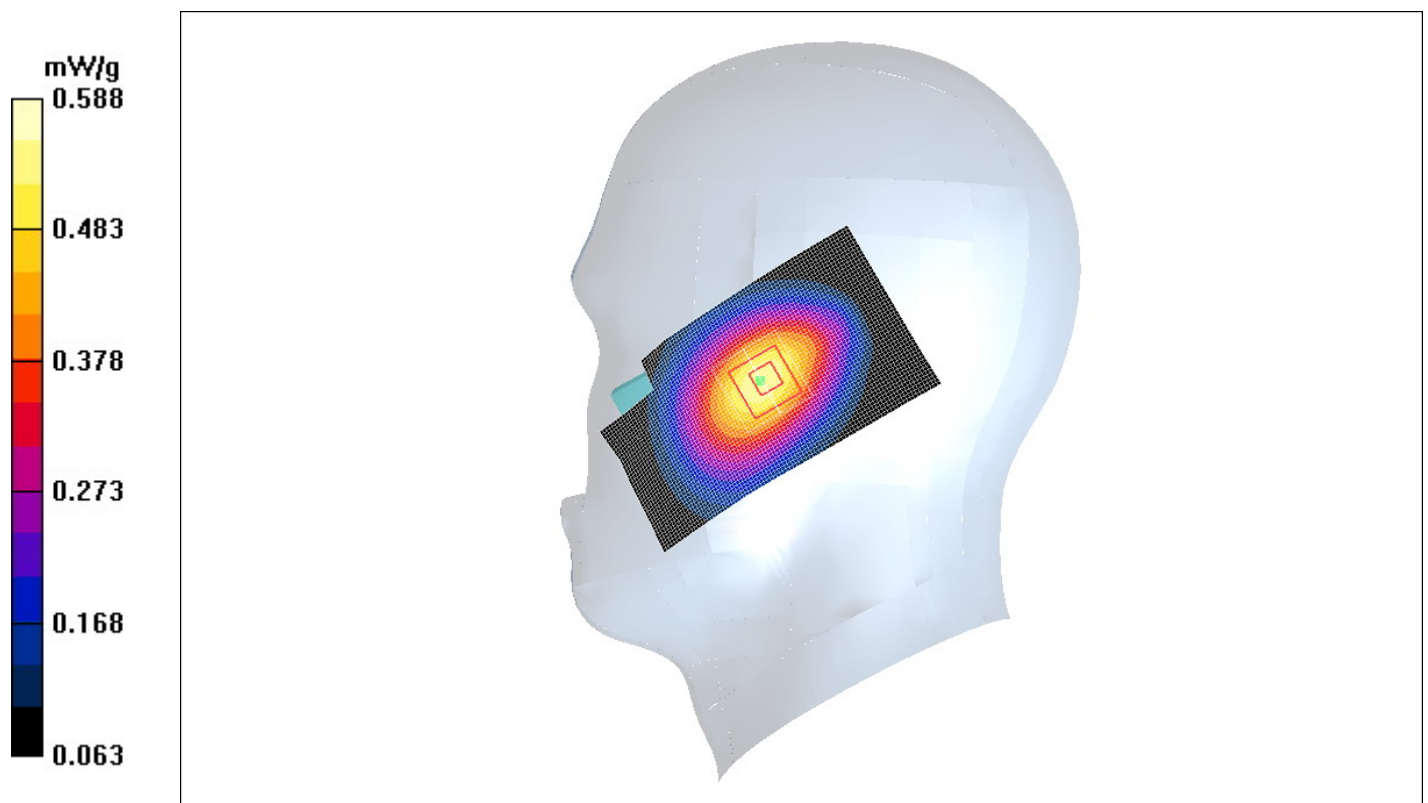


Fig. 29 Right Hand Tilt 15° CDMA Cellular CH1013

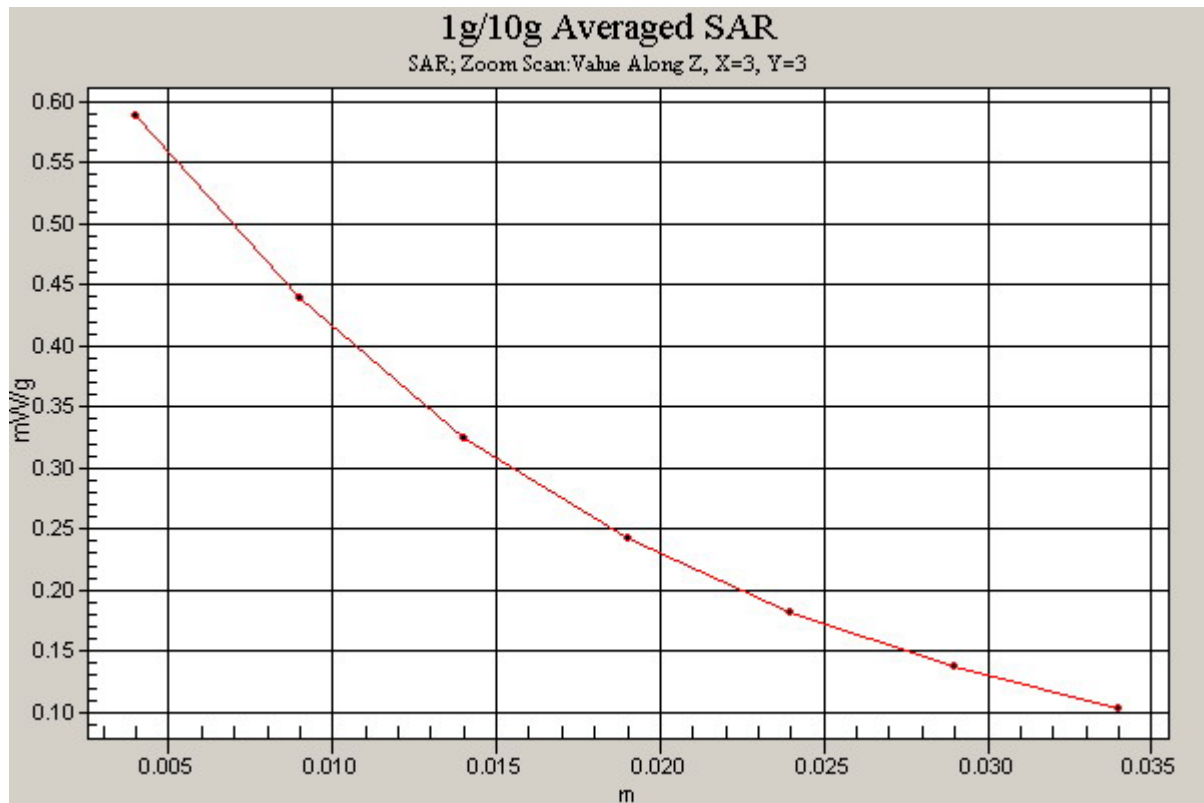


Fig. 30 Z-Scan at power reference point (CDMA Cellular CH1013)

CDMA Cellular towards the phantom High

Communication System: CDMA Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: Body 835MHz

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

CDMA Cellular Display of EUT towards the phantom, High frequency/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.467 mW/g

CDMA Cellular Display of EUT towards the phantom, High frequency/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.443 mW/g

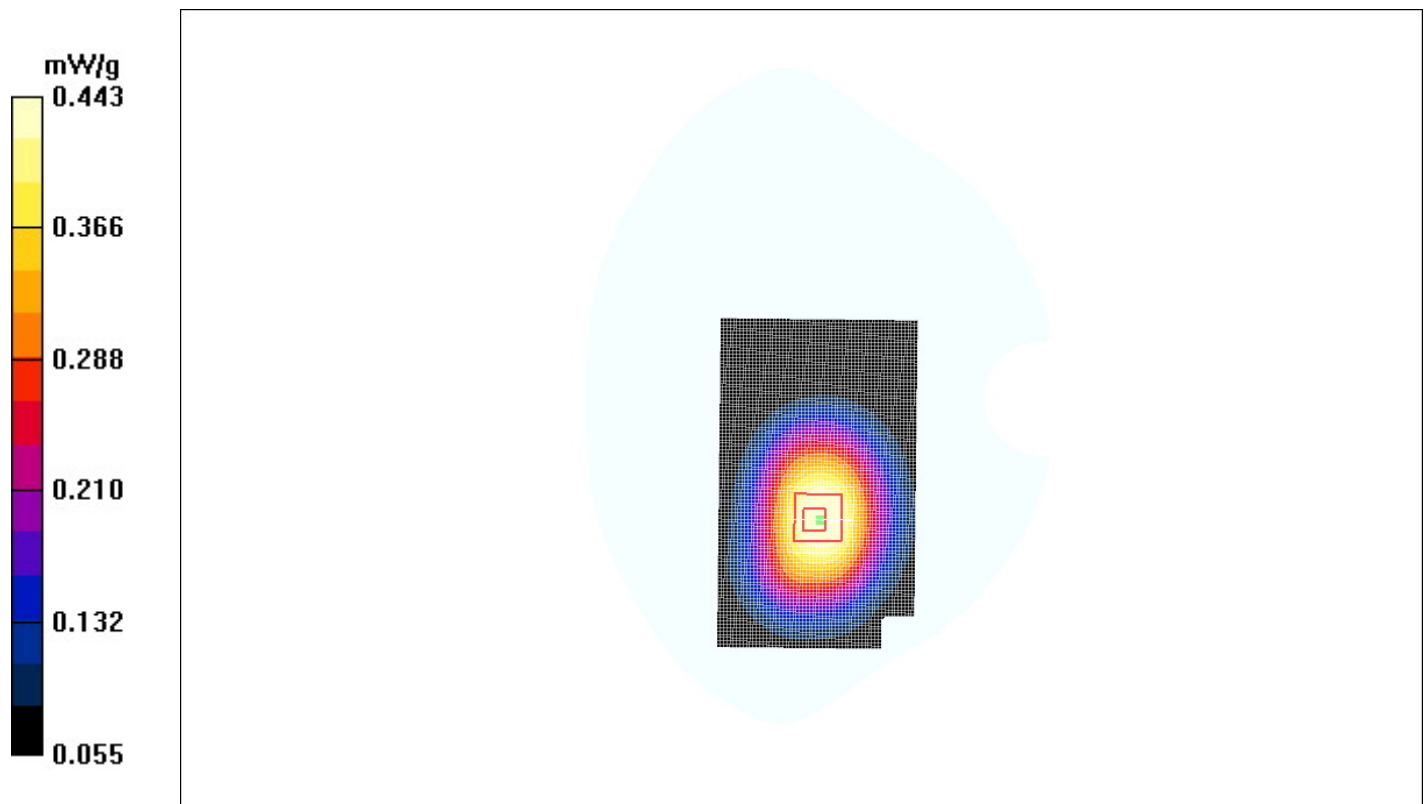


Fig. 31 Body, Towards Phantom, CDMA Cellular CH777

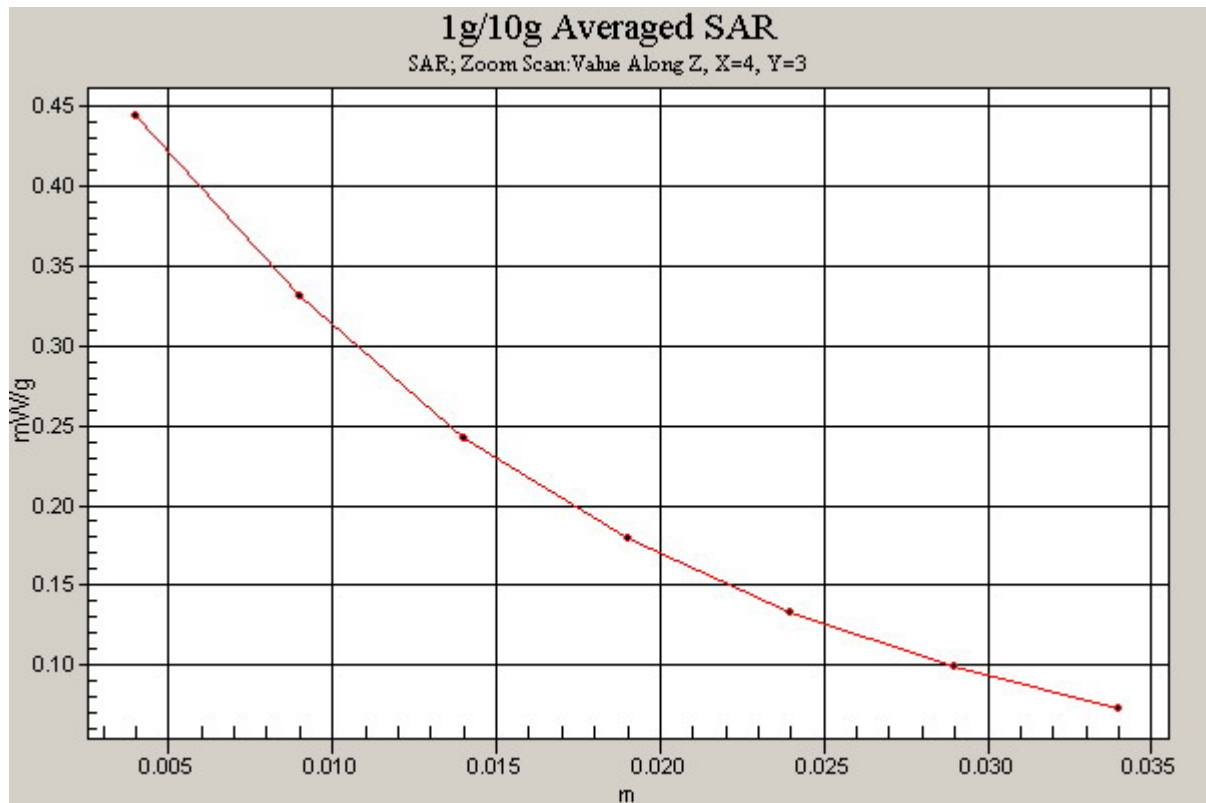


Fig. 32 Z-Scan at power reference point (Body, Towards Phantom, CDMA Cellular CH777)

CDMA Cellular towards the phantom Middle

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: Body 835MHz

Medium parameters used: $f = 837$ MHz; $\sigma = 0.996$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

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

- Electronics: DAE3 Sn452;

CDMA Cellular Display of EUT towards the phantom, Middle frequency/Area Scan (61x101x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.398 mW/g

CDMA Cellular Display of EUT towards the phantom, Middle frequency/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.84 V/m; Power Drift = -0.197 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.376 mW/g

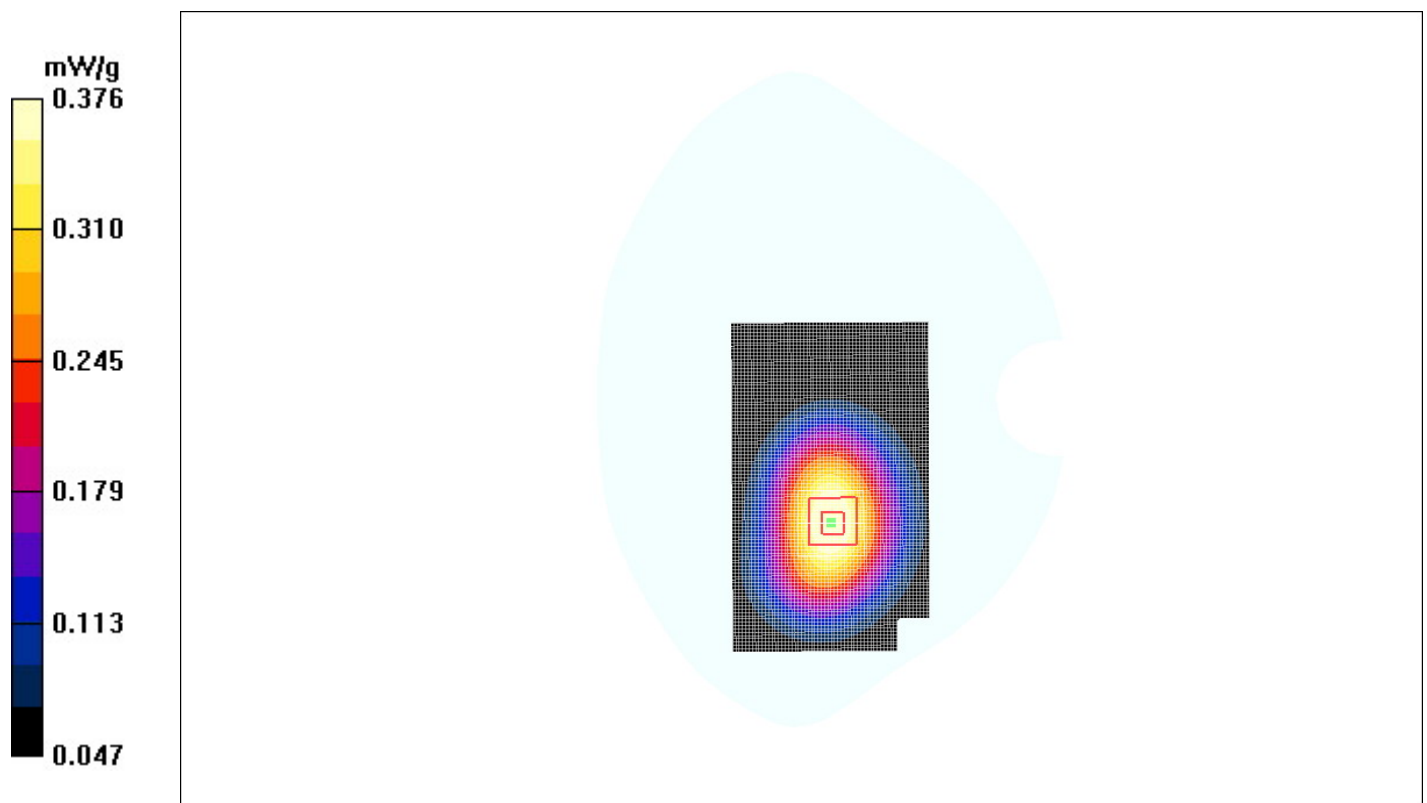


Fig. 33 Body, Towards Phantom, CDMA Cellular CH384

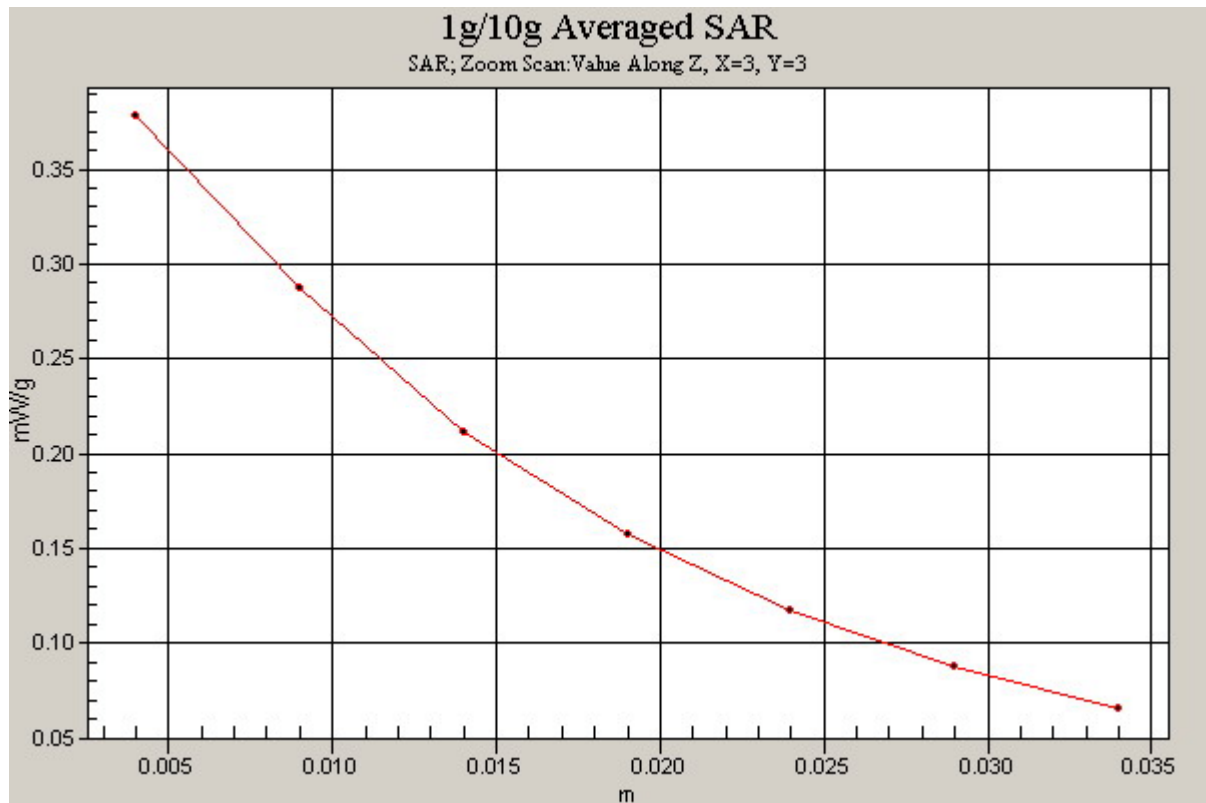


Fig. 34 Z-Scan at power reference point (Body, Towards Phantom, CDMA Cellular CH384)