CDMA 850 Right Tilt High

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): f = 848.31 MHz; σ = 0.984 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 850 Frequency: 848.31 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.023 mW/g

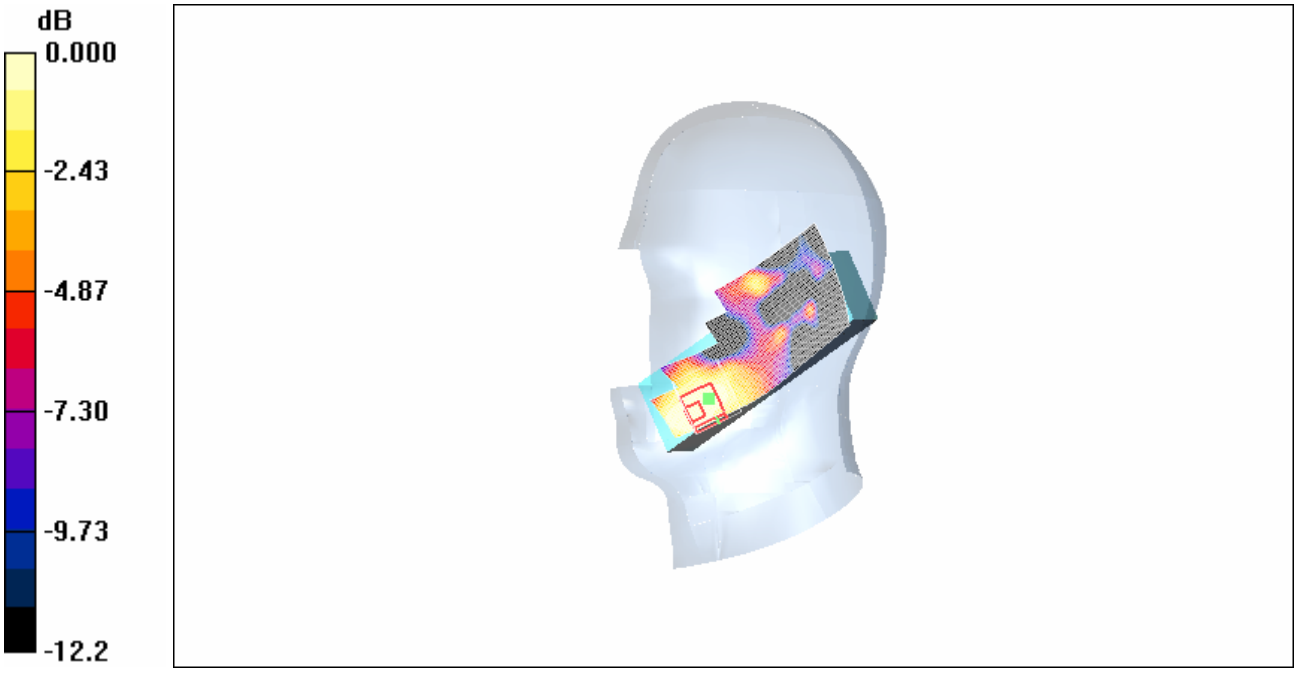
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.12 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



0 dB = 0.022mW/g

Fig.19 850 MHz CH777

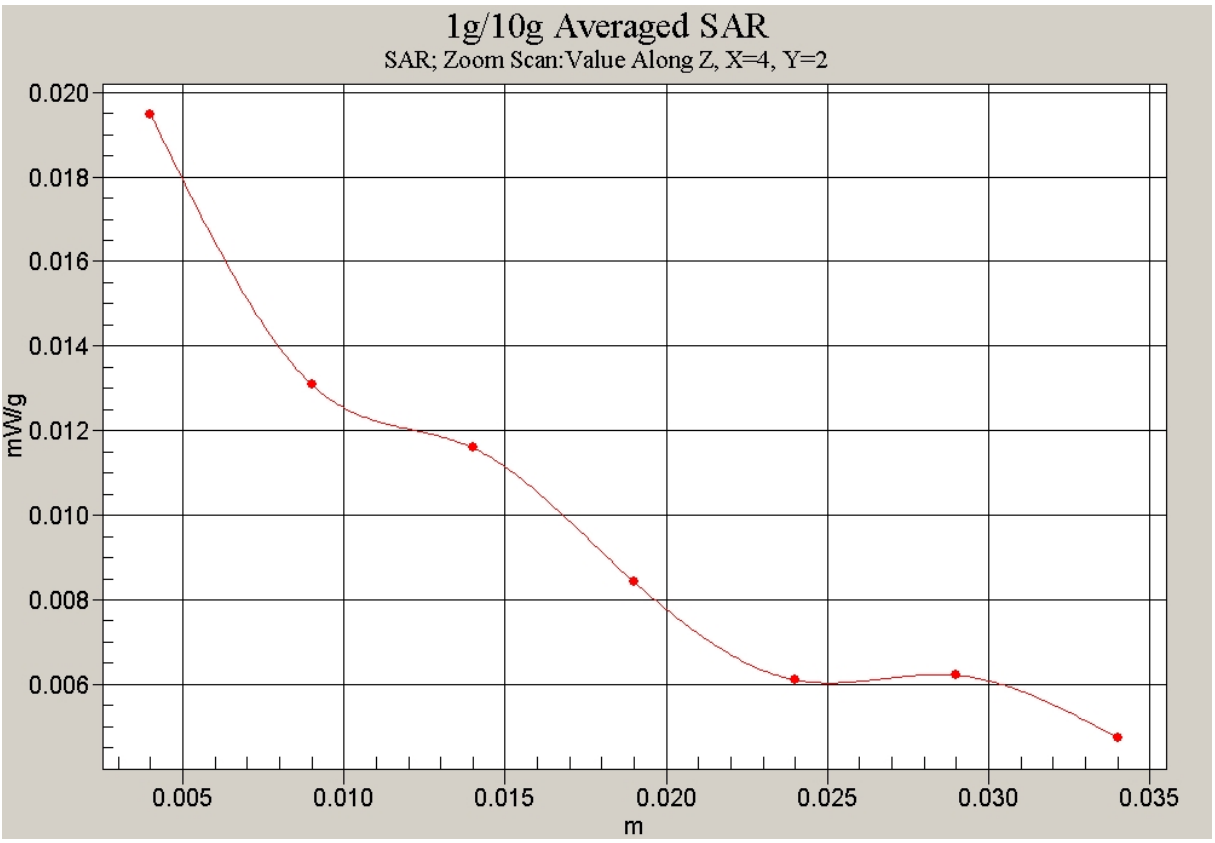


Fig. 20 Z-Scan at power reference point (850 MHz CH777)

CDMA 850 Right Tilt Middle

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): f = 836.52 MHz; σ = 0.978 mho/m; ε_r = 40.7; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 850 Frequency: 836.52 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.018 mW/g

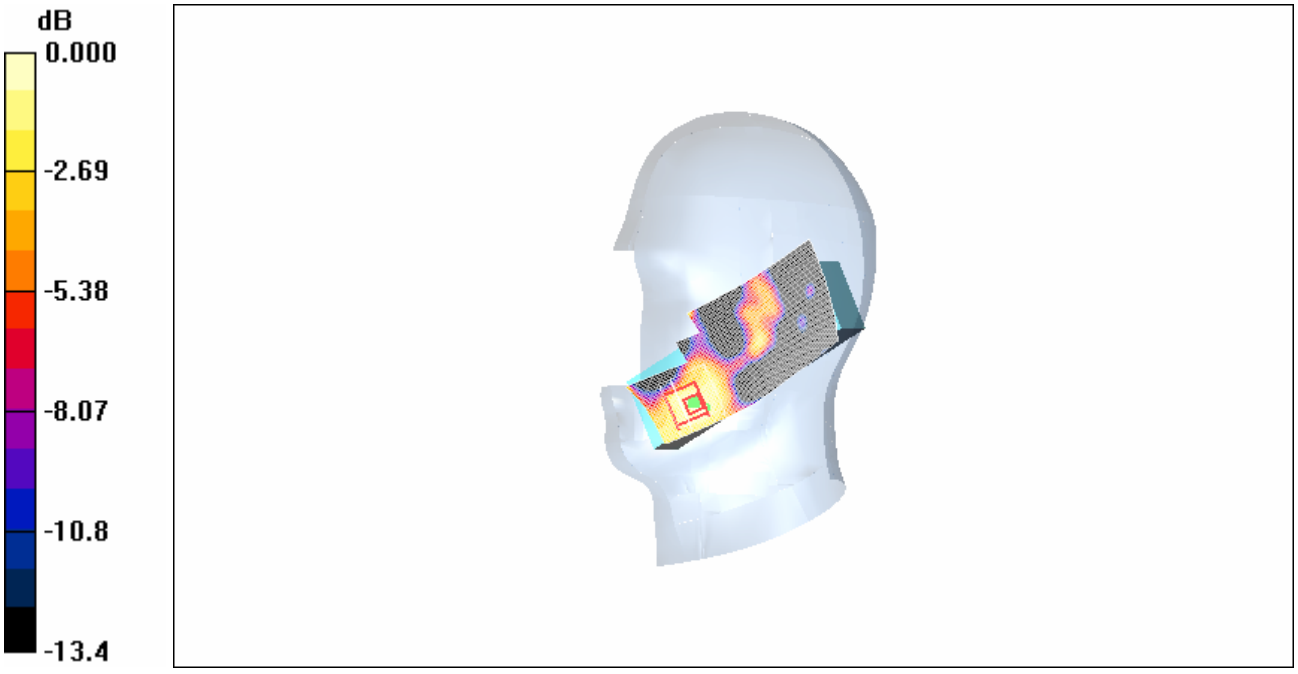
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.37 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.012 mW/g

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



0 dB = 0.020mW/g

Fig.21 850 MHz CH384

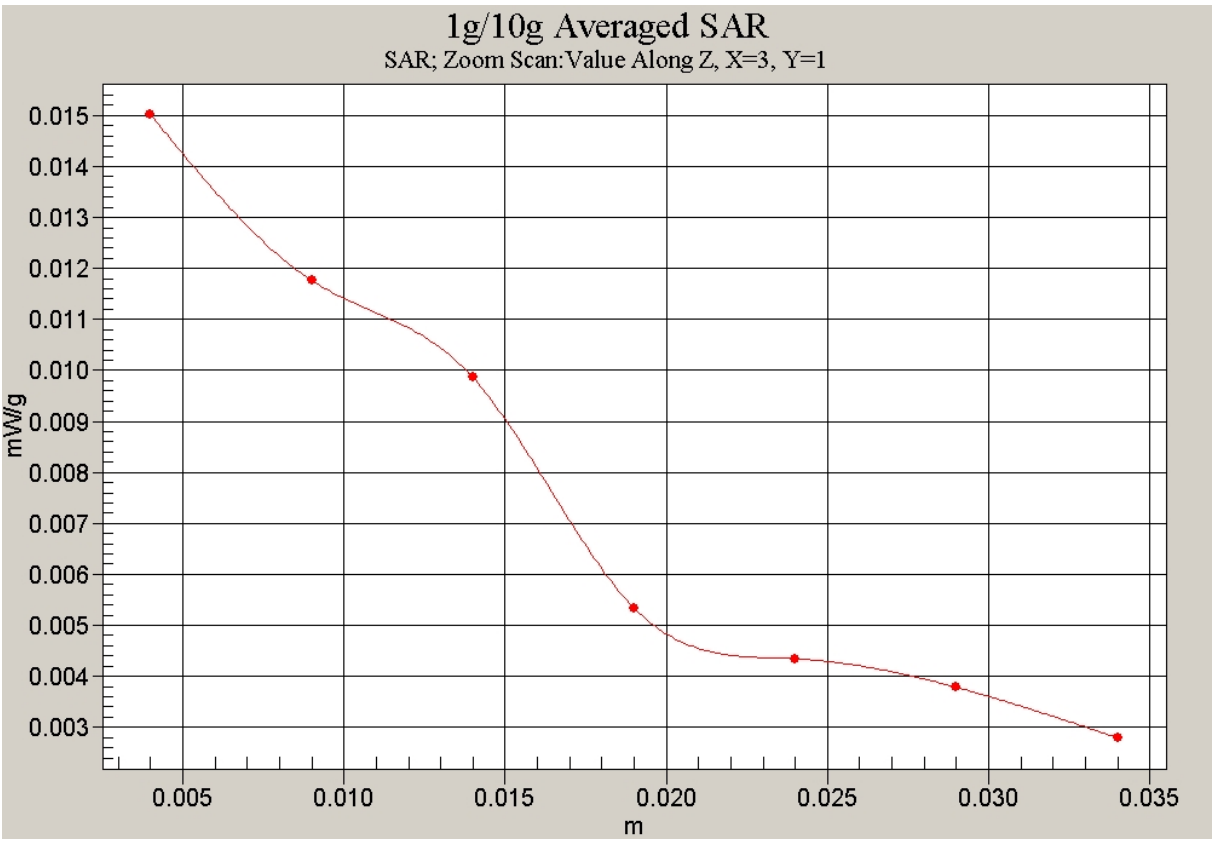


Fig. 22 Z-Scan at power reference point (850 MHz CH384)

CDMA 850 Right Tilt Low

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): f = 826.11 MHz; σ = 0.971 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 850 Frequency: 826.11 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt Low/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.017 mW/g

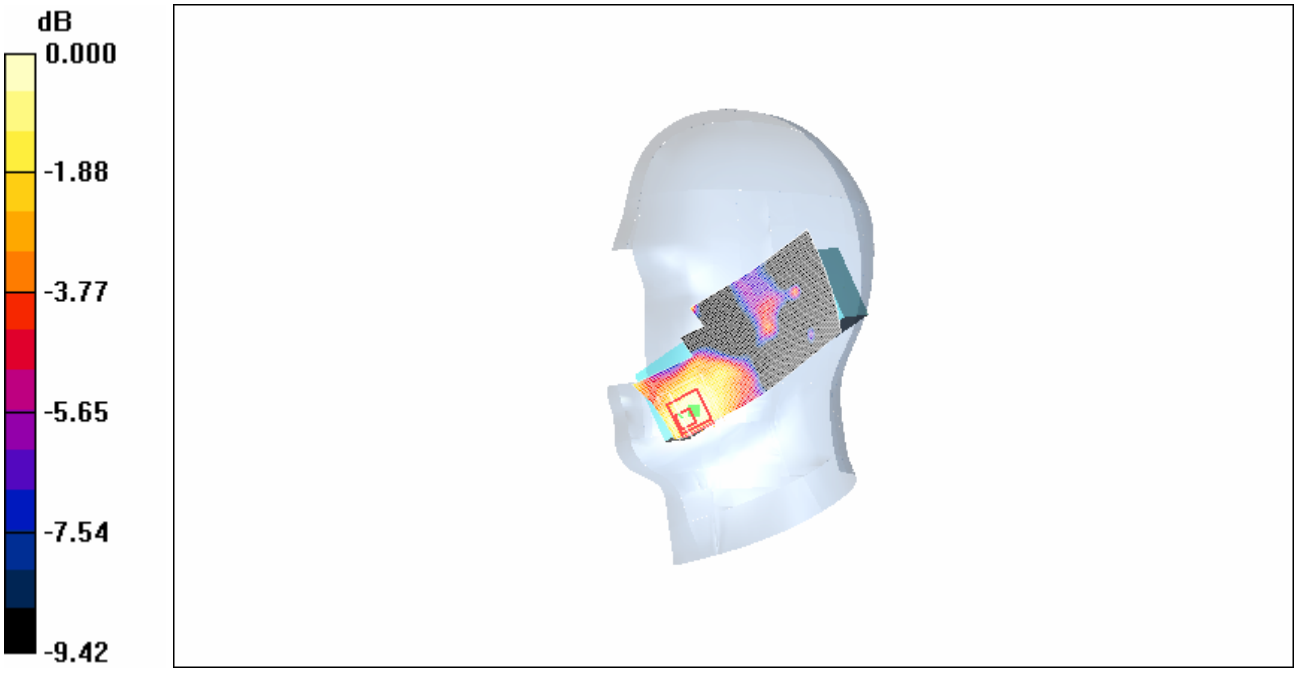
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.44 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



0 dB = 0.016mW/g

Fig. 23 850 MHz CH37

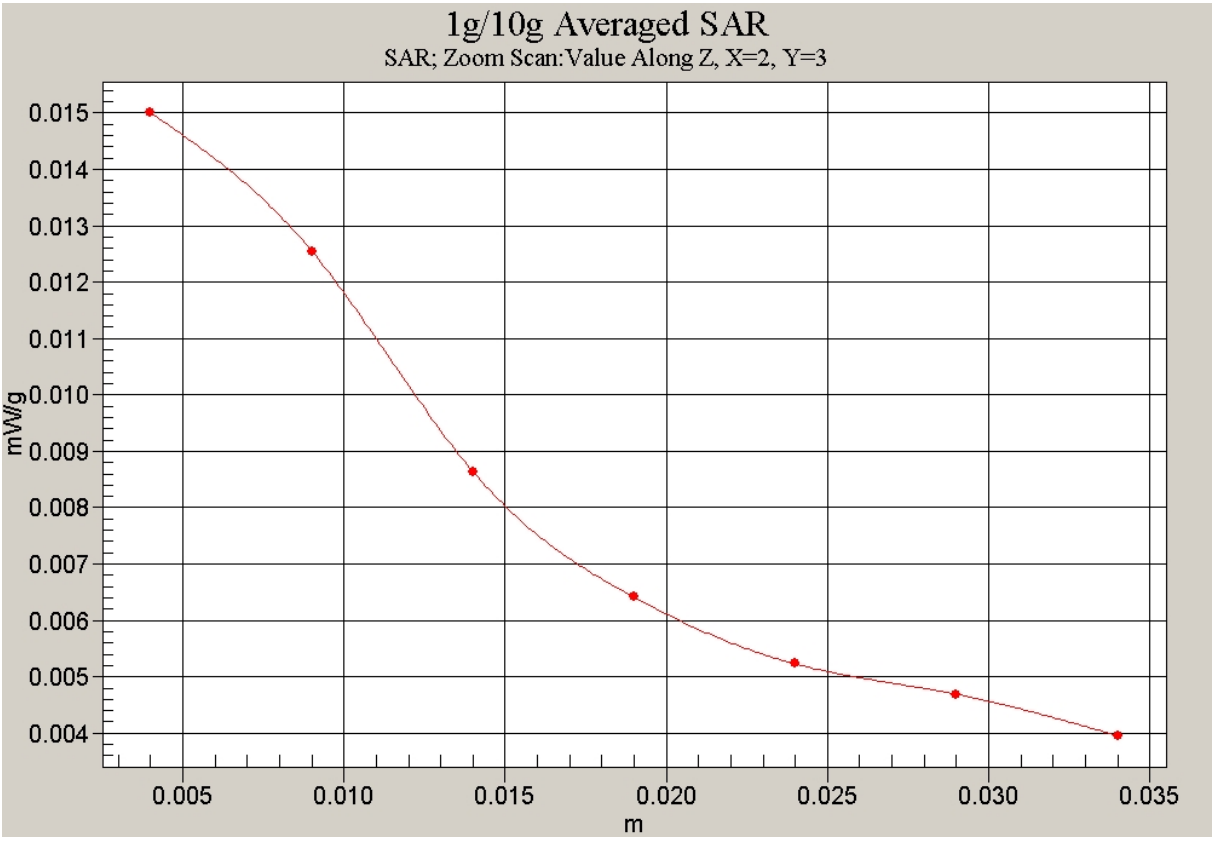


Fig. 24 Z-Scan at power reference point (850 MHz CH37)

850 Body Toward Ground High

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 848.31 MHz; σ = 1.04 mho/m; ε_r = 55.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 850 Frequency: 848.31 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.317 mW/g

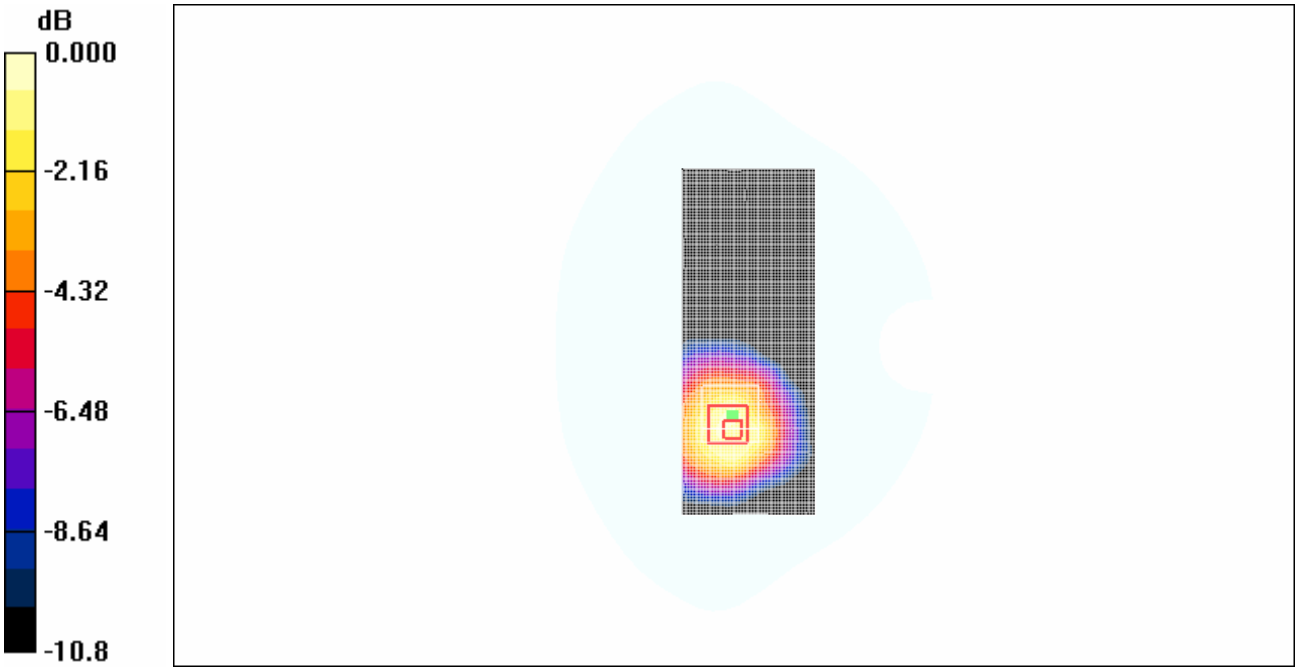
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.57 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

Fig. 25 850 MHz CH777

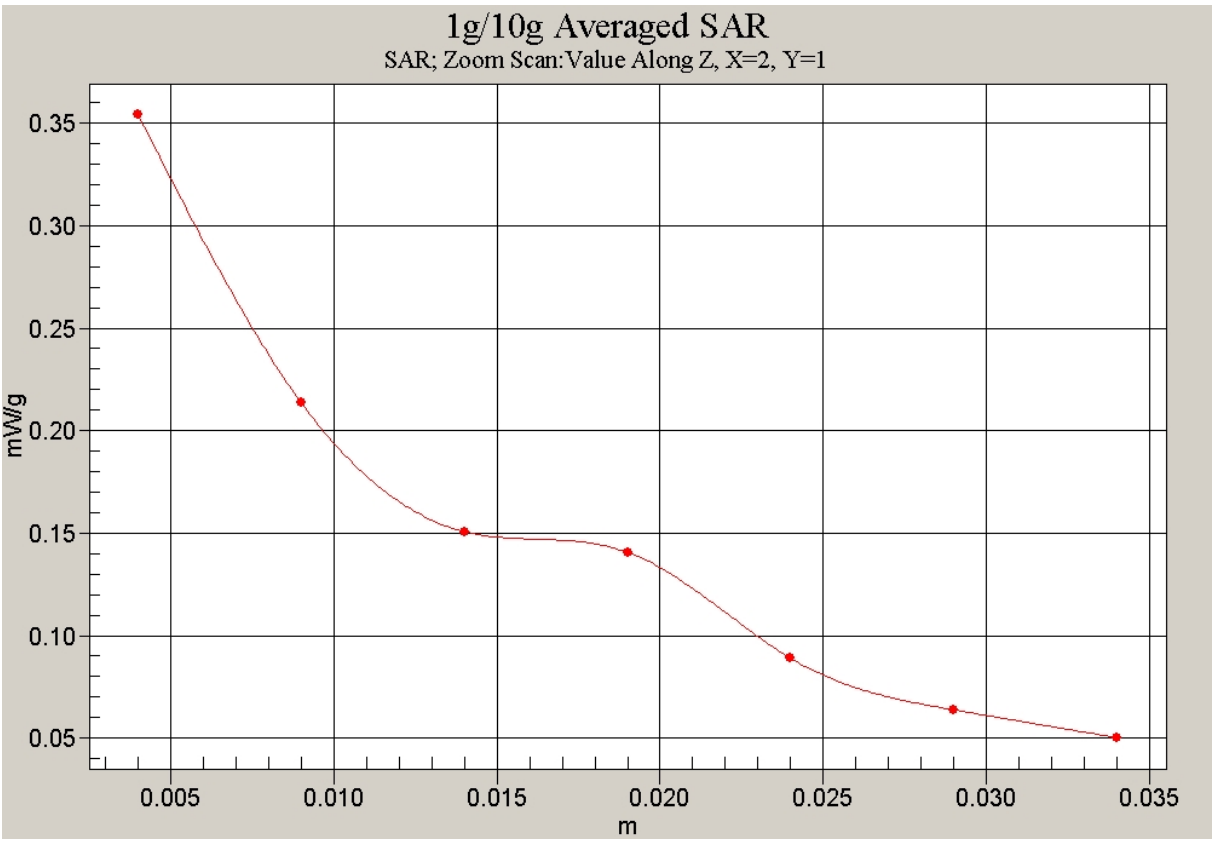


Fig. 26 Z-Scan at power reference point (850 MHz CH777)

850 Body Towards Ground Middle

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 836.52 MHz; σ = 1.03 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 850 Frequency: 836.52 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.267 mW/g

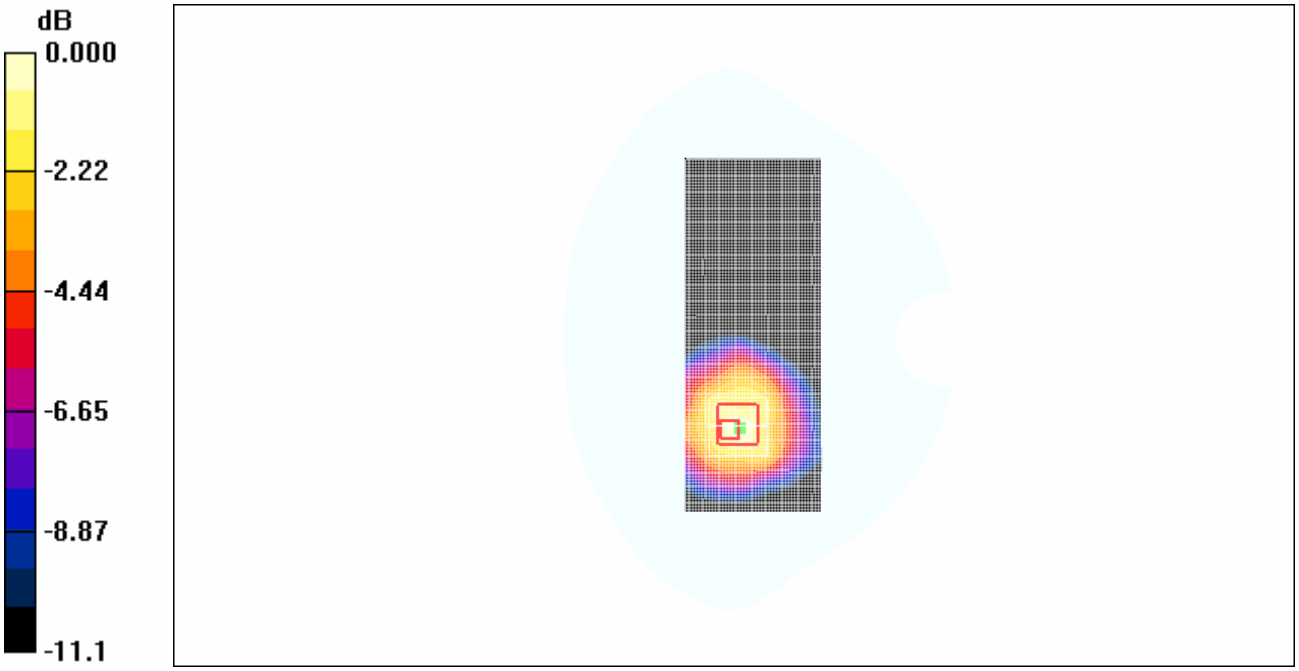
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.57 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.268 mW/g



0 dB = 0.268mW/g

Fig. 27 850 MHz CH384

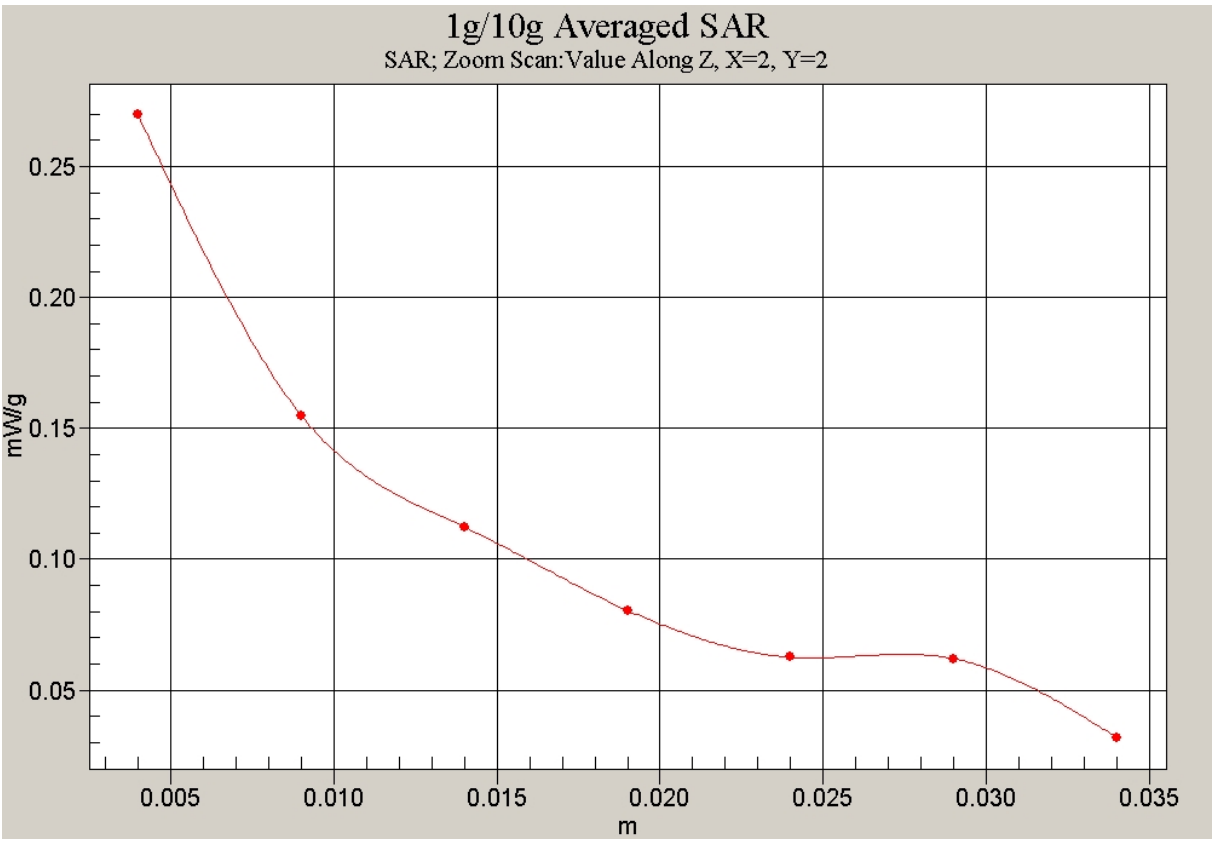


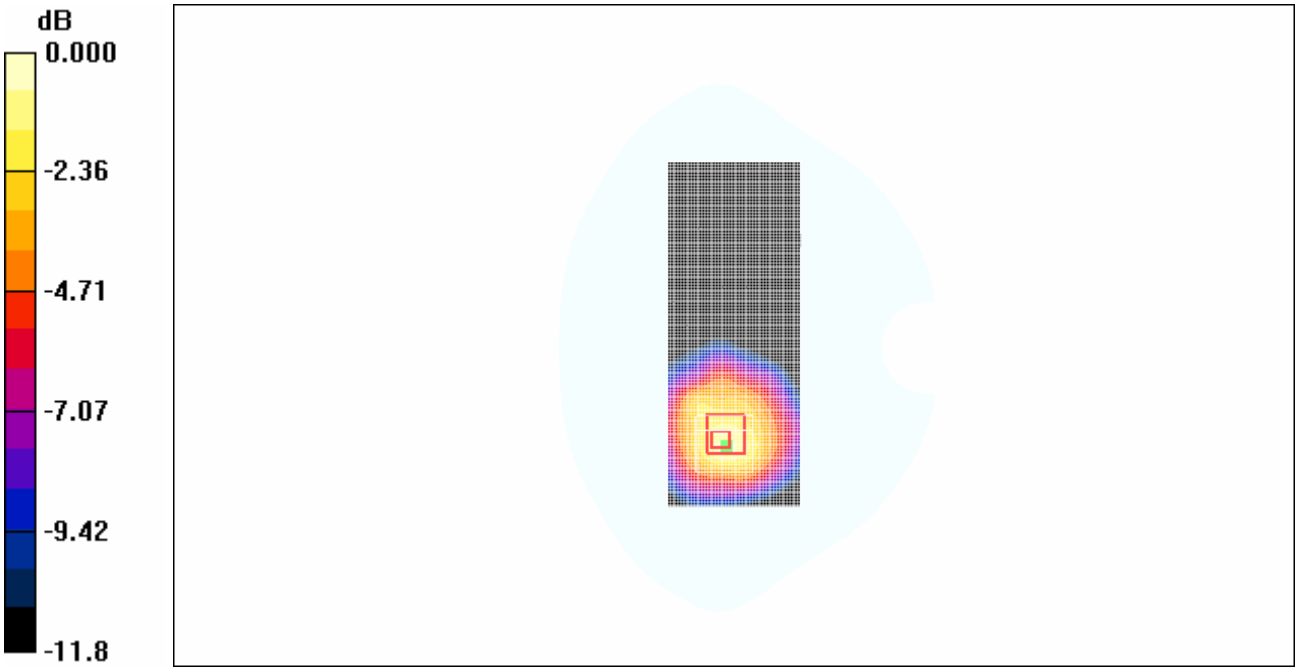
Fig. 28 Z-Scan at power reference point (850 MHz CH384)

850 Body Towards Ground Low

Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used (interpolated): f = 826.11 MHz; σ = 1.01 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C
Communication System: CDMA 850 Frequency: 826.11 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground Low/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.280 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.77 V/m; Power Drift = 0.200 dB
Peak SAR (extrapolated) = 0.523 W/kg
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.314 mW/g



0 dB = 0.314mW/g

Fig. 29 850 MHz CH37

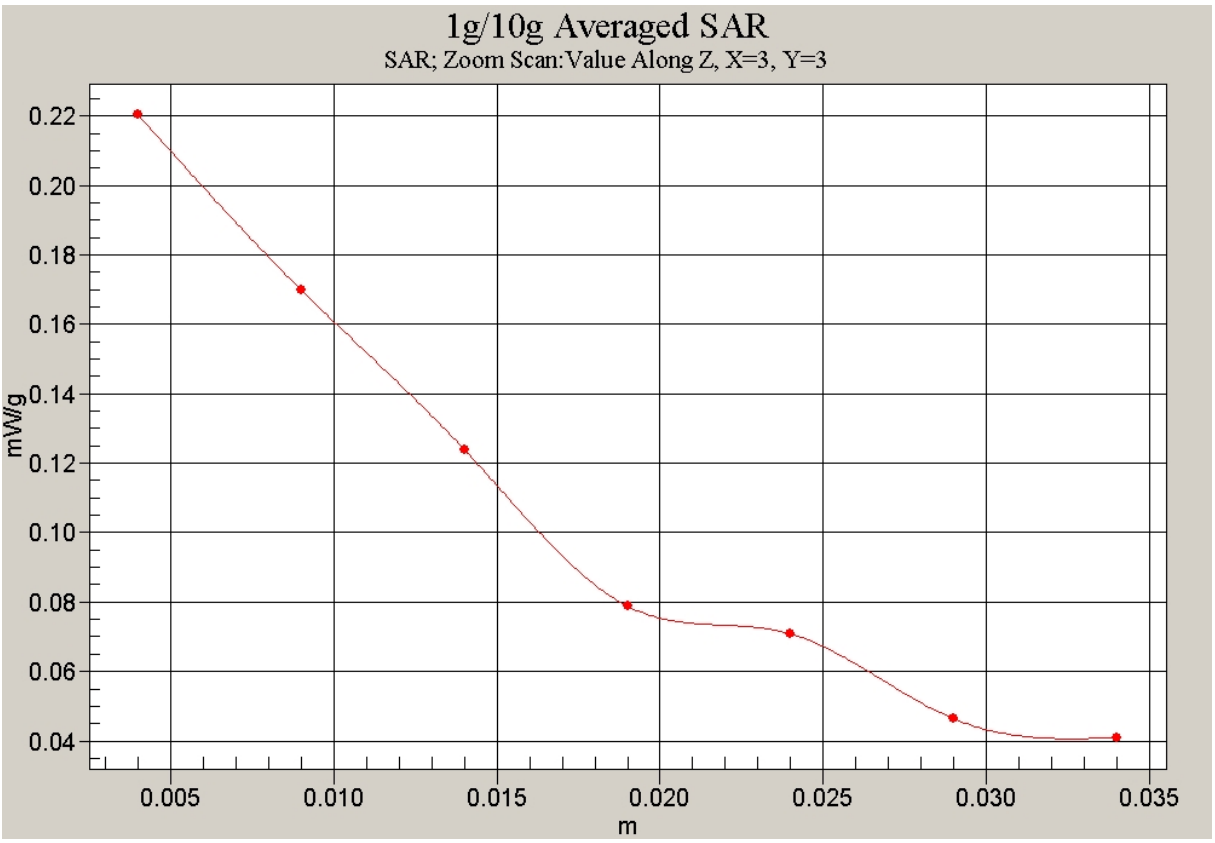


Fig. 30 Z-Scan at power reference point (850 MHz CH37)

CDMA 1900 Left Cheek High

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.48 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1908.75 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.233 mW/g

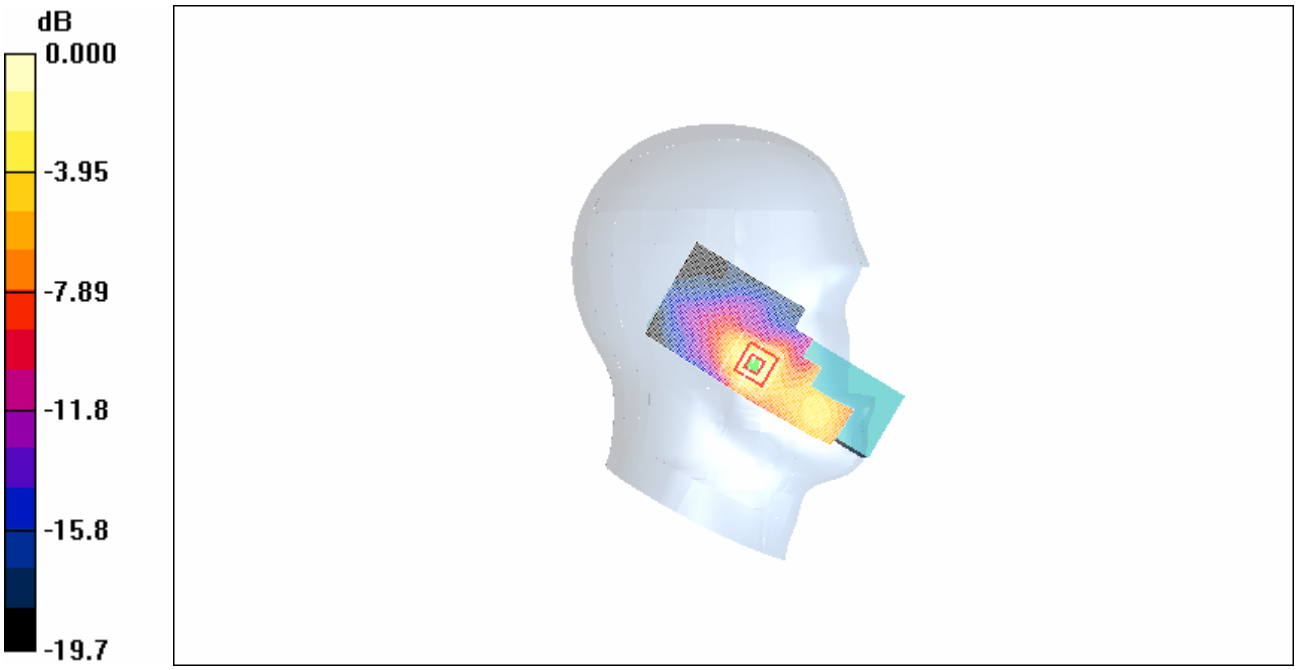
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.25 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.256mW/g

Fig. 31 1900 MHz CH1175

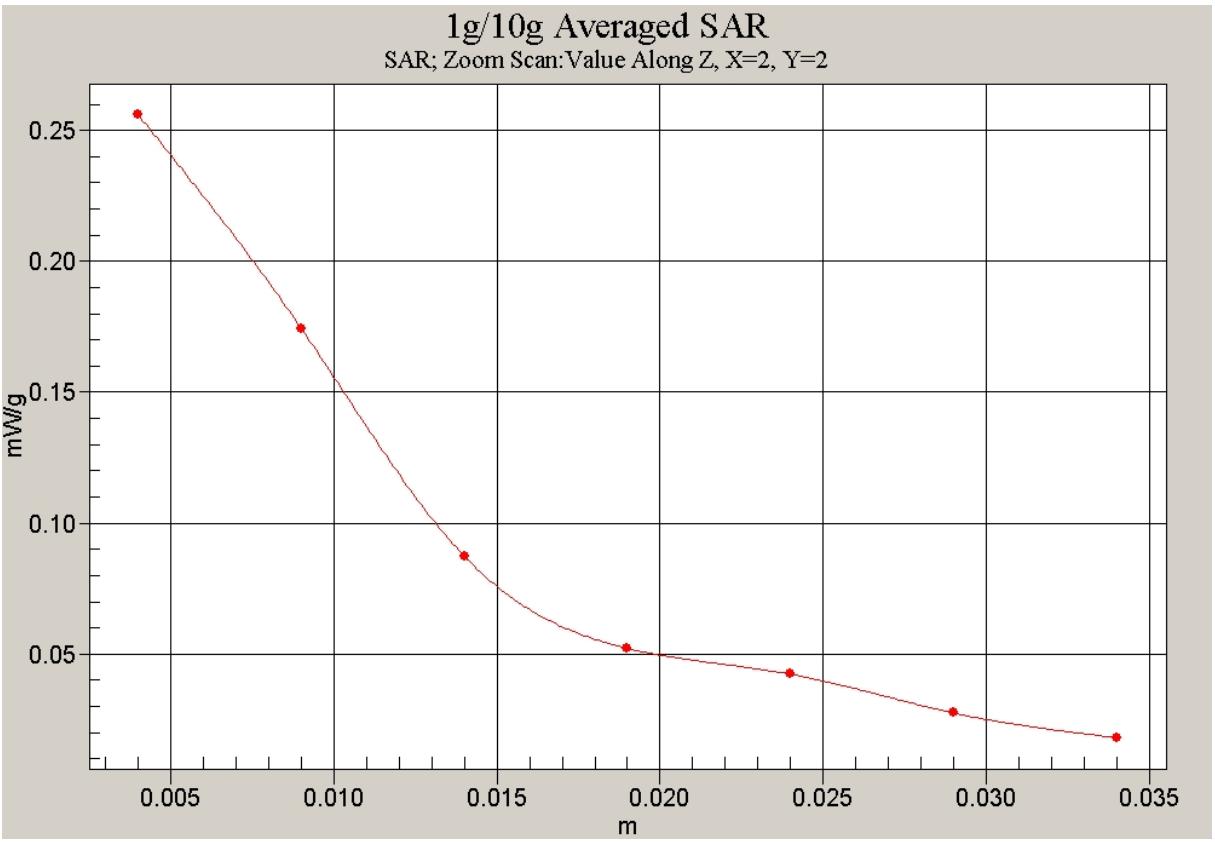


Fig. 32 Z-Scan at power reference point (1900 MHz CH1175)

CDMA 1900 Left Cheek Middle

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used (interpolated): f = 1877.5 MHz; σ = 1.45 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1877.5 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.241 mW/g

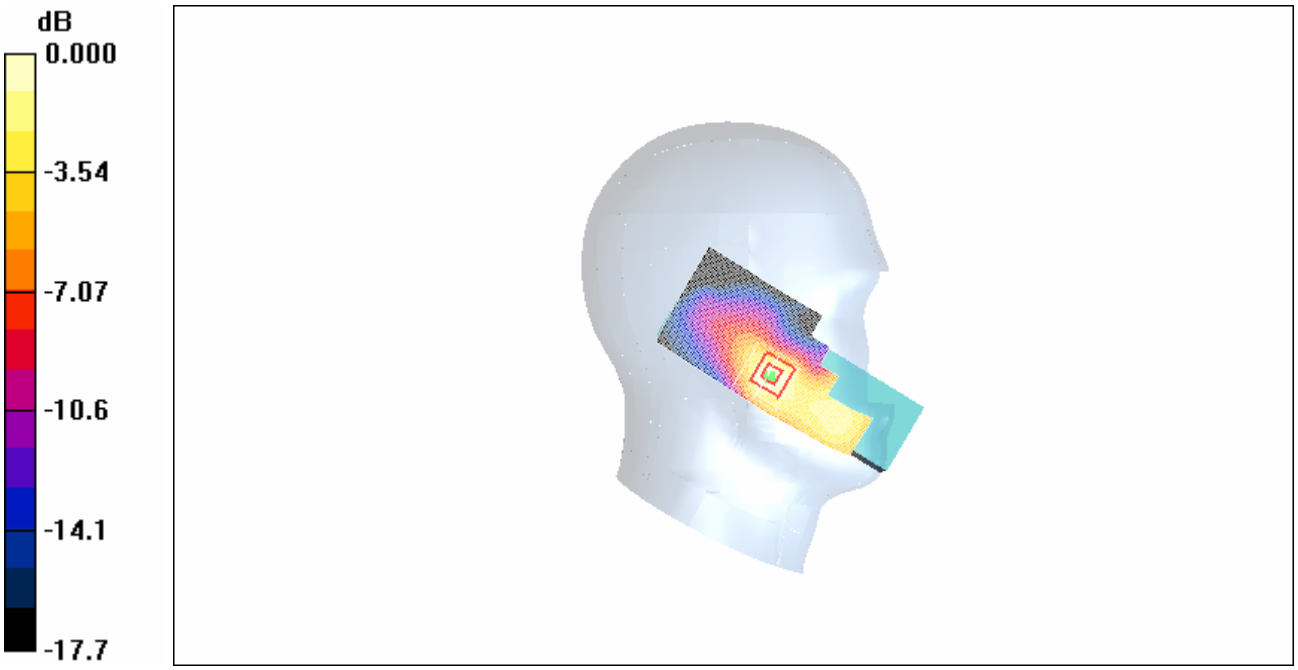
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7mm, dy=7mm, dz=5mm

Reference Value = 3.17 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.118 mW/g

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



0 dB = 0.221mW/g

Fig. 33 1900 MHz CH550

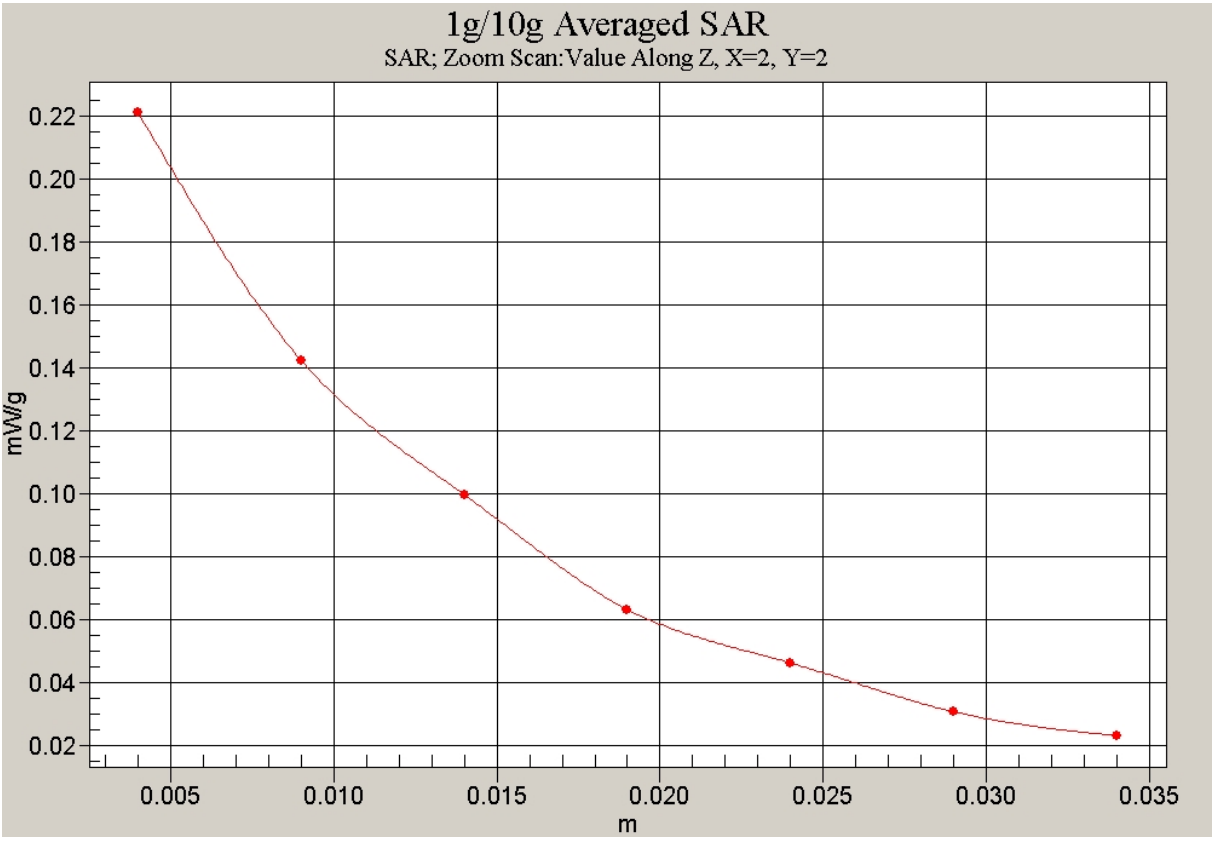
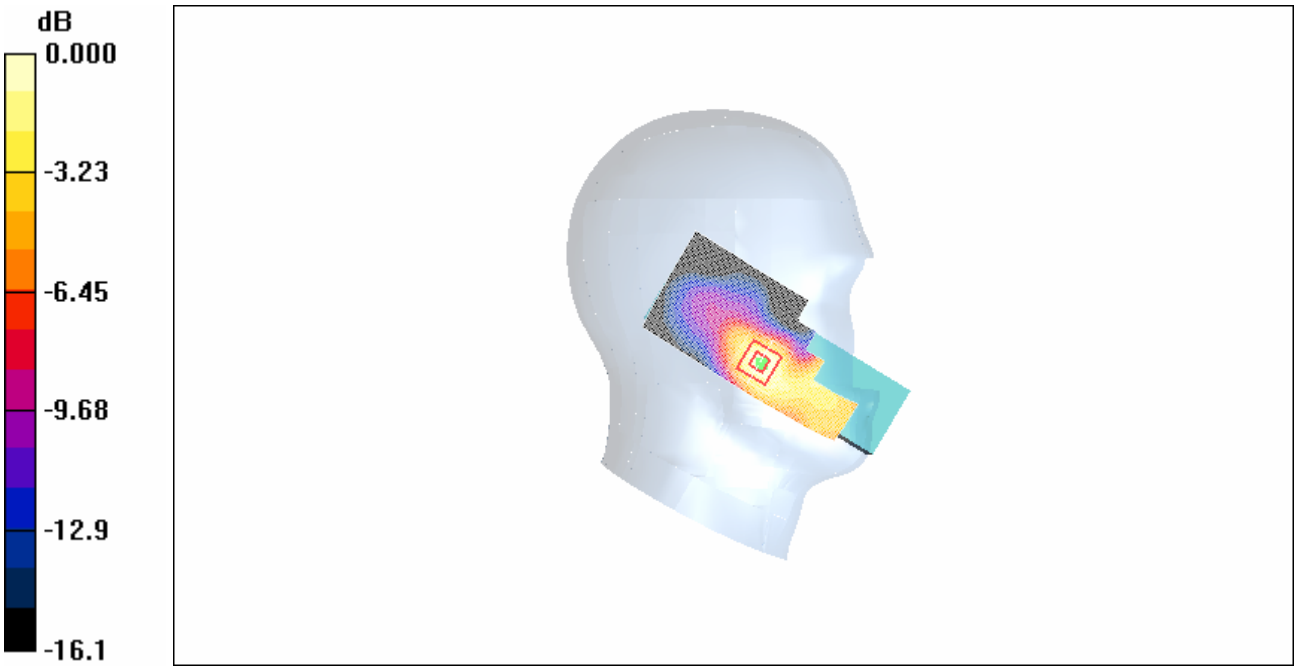


Fig. 34 Z-Scan at power reference point (1900 MHz CH550)

CDMA 1900 Left Cheek Low
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.43 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Low/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.290 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.50 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.267mW/g

Fig. 35 1900 MHz CH25

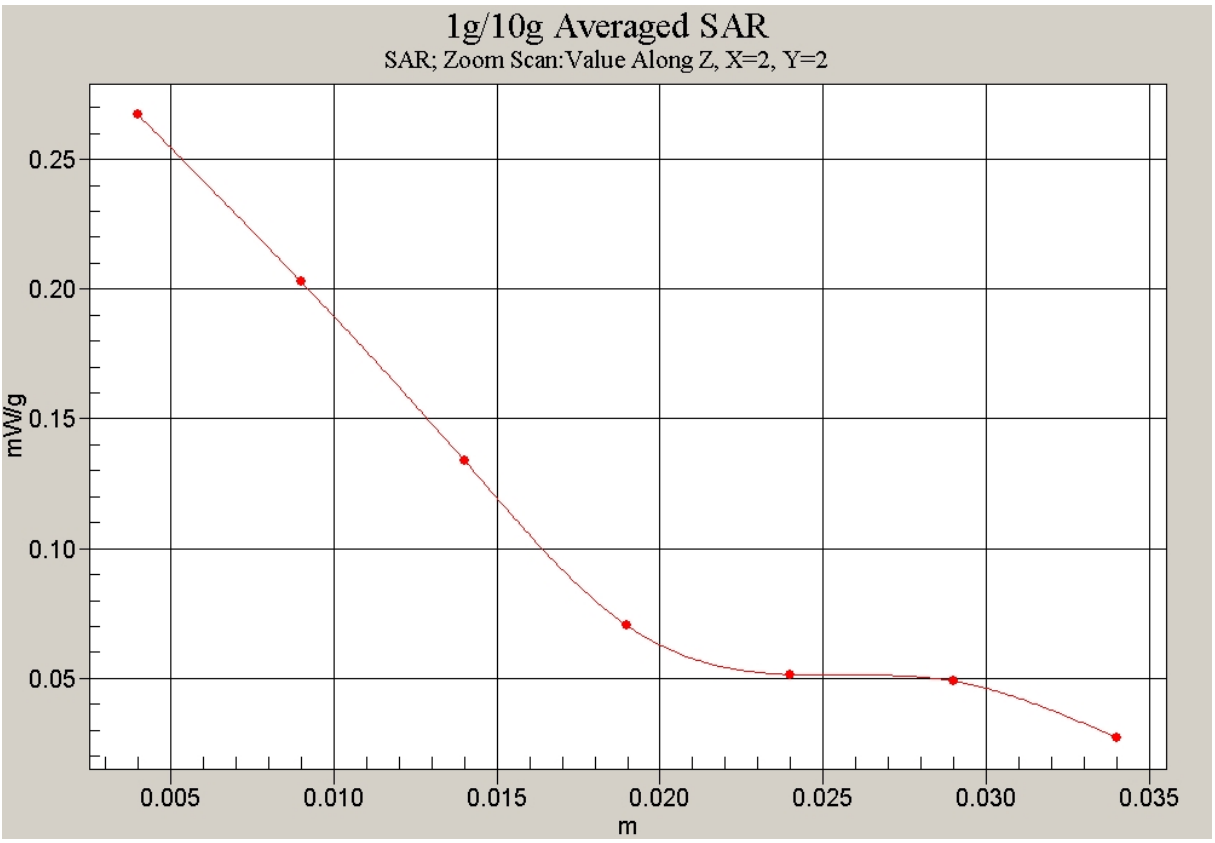


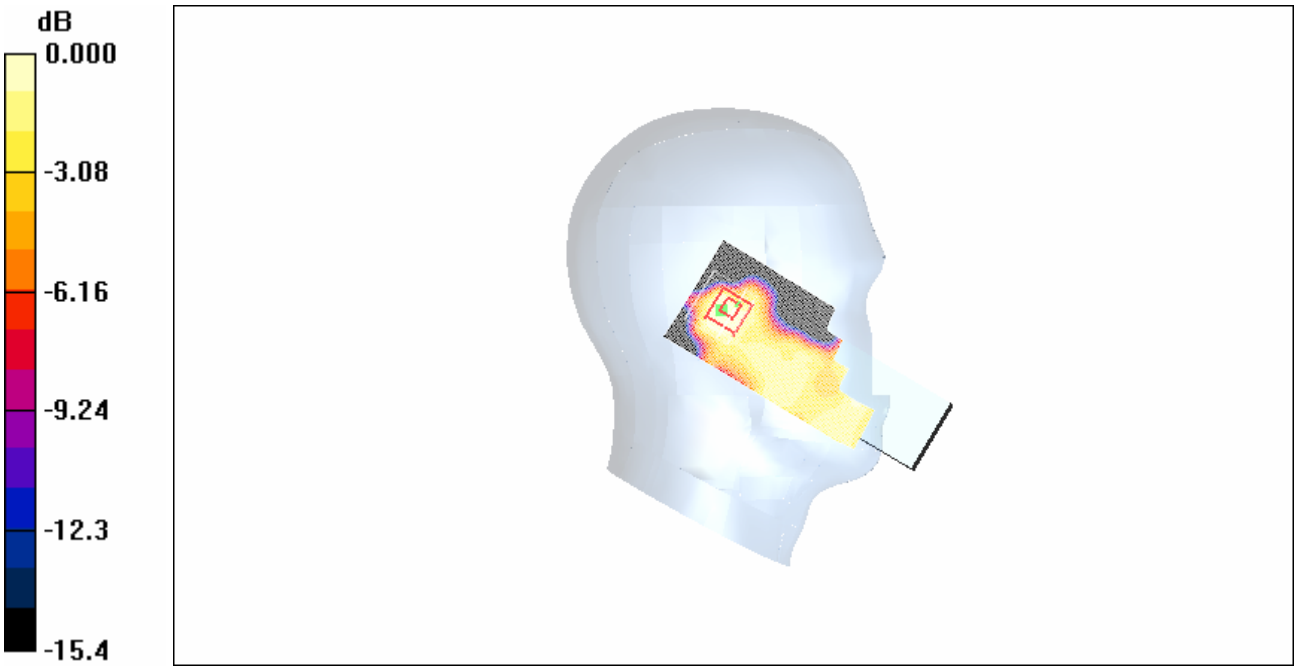
Fig. 36 Z-Scan at power reference point (1900 MHz CH25)

CDMA 1900 Left Tilt High

Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.48 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: CDMA 1900 Frequency: 1908.75 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
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 = 4.61 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.039 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.034mW/g

Fig.37 1900 MHz CH1175

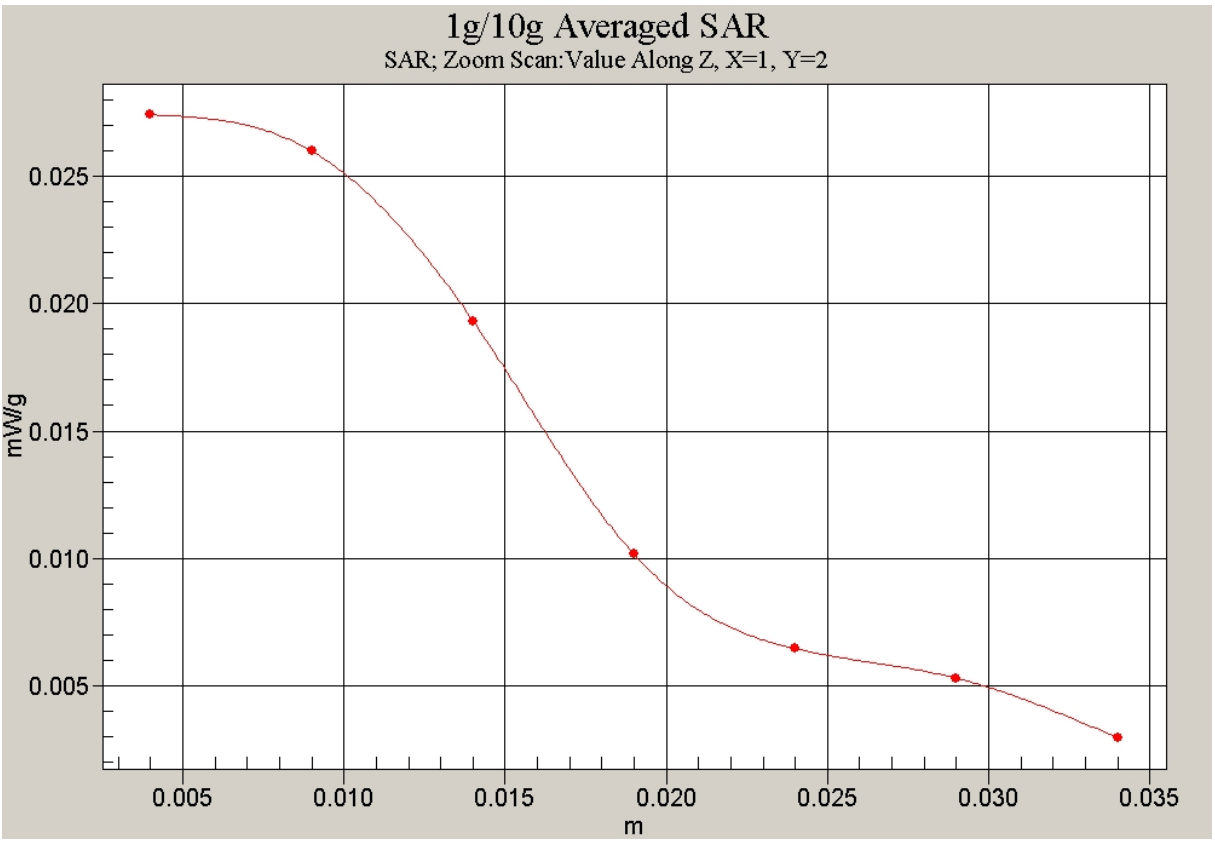


Fig. 38 Z-Scan at power reference point (1900 MHz CH1175)

CDMA 1900 Left Tilt Middle

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used (interpolated): f = 1877.5 MHz; σ = 1.45 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: CDMA 1900 Frequency: 1877.5 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.048 mW/g

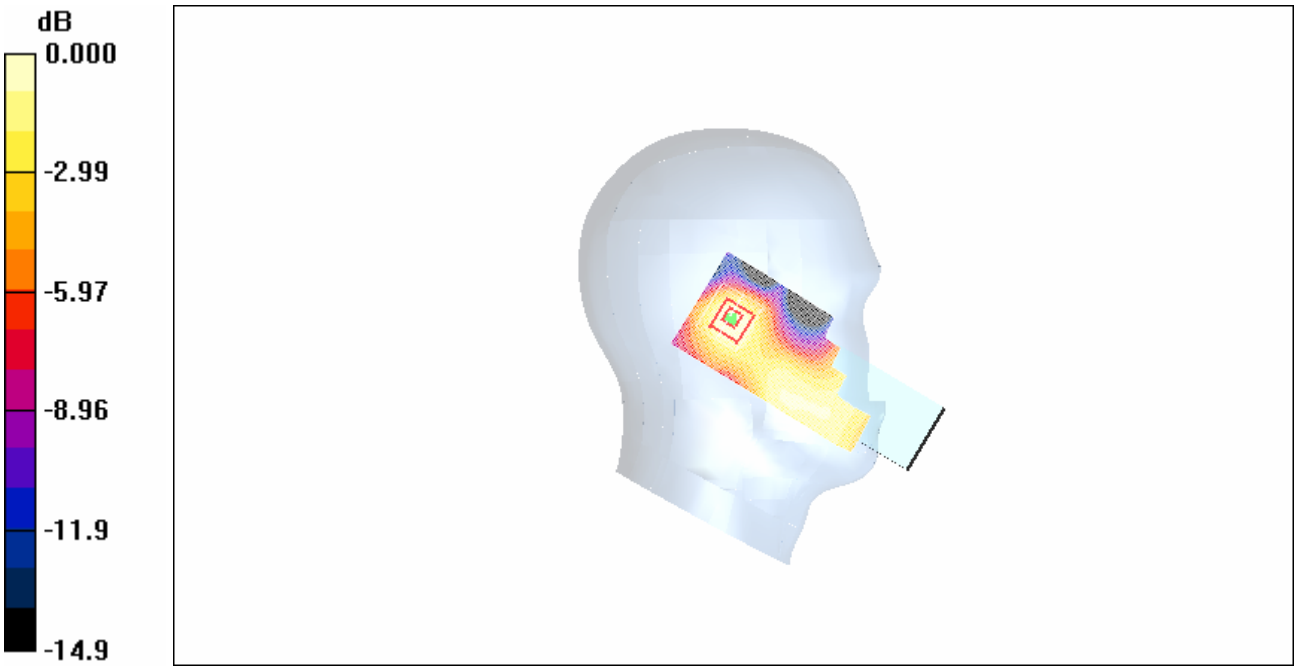
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.50 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.057 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



0 dB = 0.044mW/g

Fig.39 1900 MHz CH550

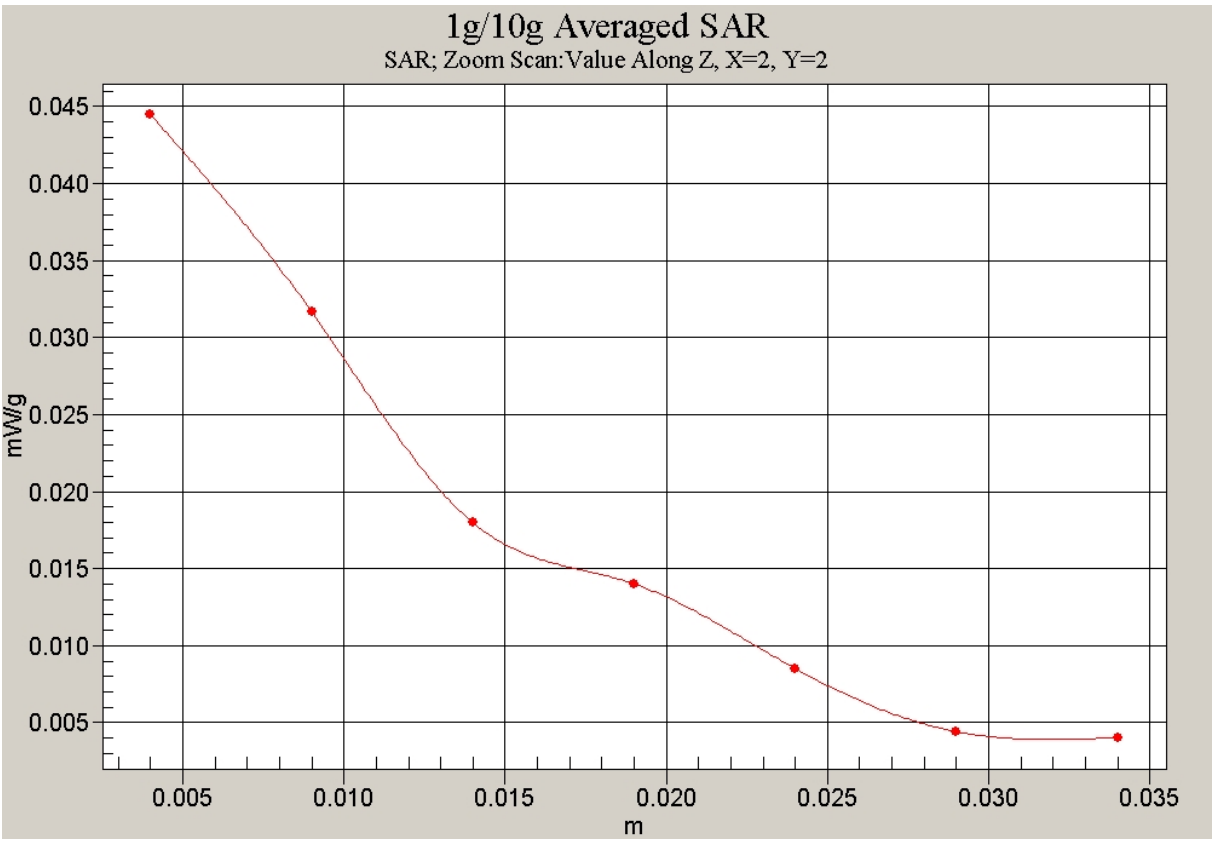
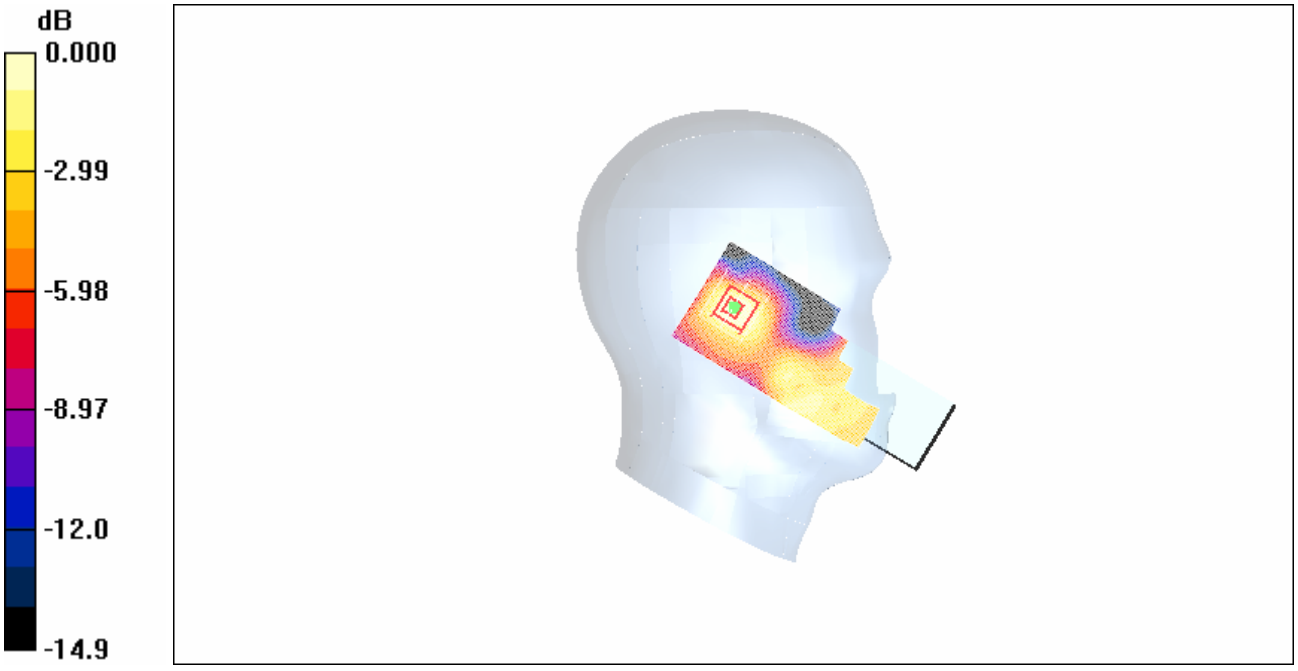


Fig. 40 Z-Scan at power reference point (1900 MHz CH550)

CDMA 1900 Left Tilt Low
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.43 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Low/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.72 V/m; Power Drift = 0.192 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.059 mW/g



0 dB = 0.059mW/g

Fig. 41 1900 MHz CH25

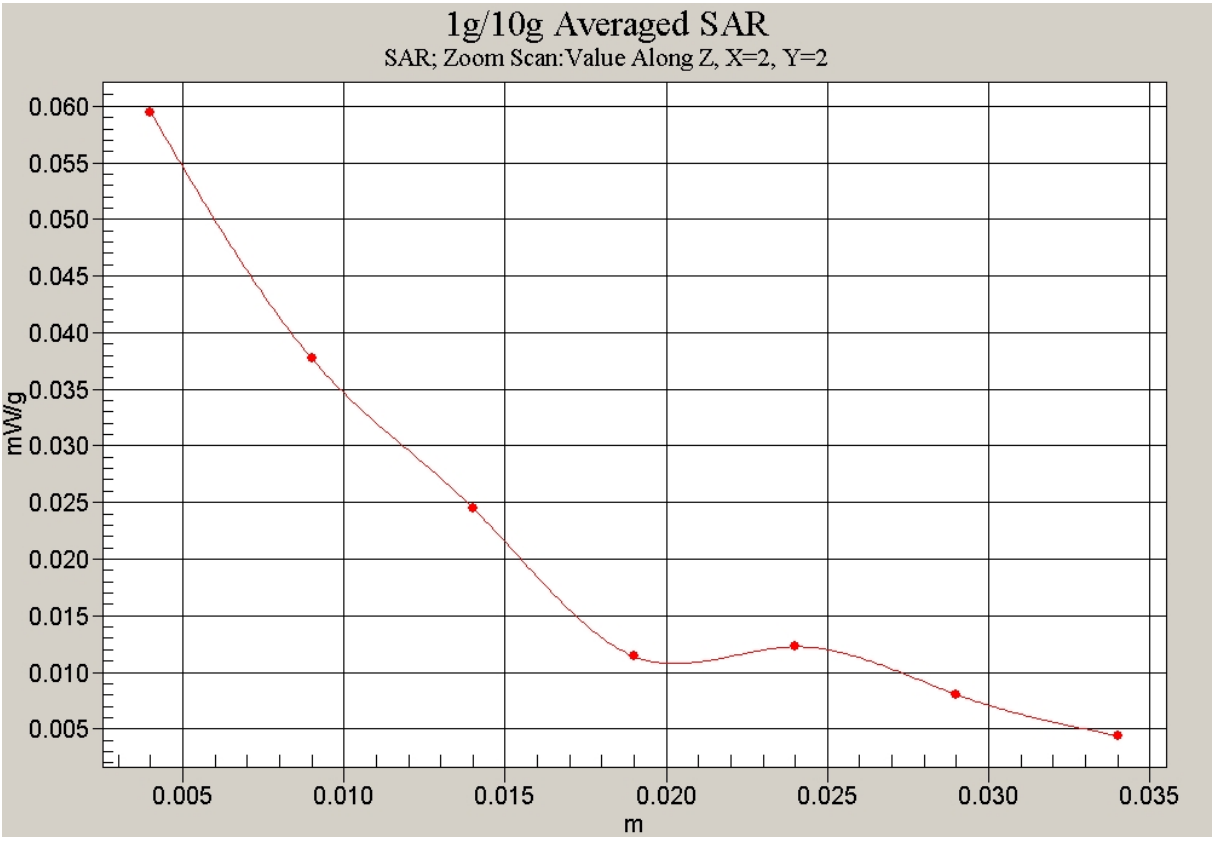


Fig. 42 Z-Scan at power reference point (1900 MHz CH25)