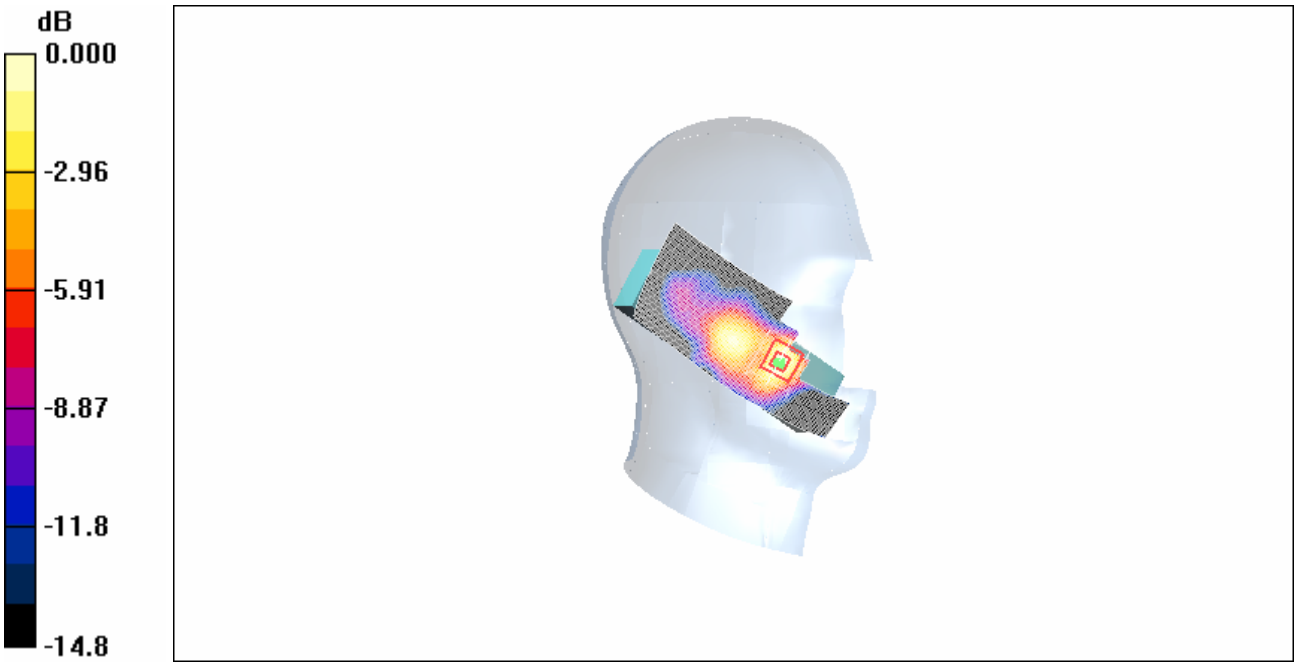
CDMA 1900 MHz Left Cheek Middle

Electronics: DAE3 Sn536
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C
Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Middle/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.403 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.60 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.392mW/g

Fig. 33 Left Hand Touch Cheek CDMA 1900MHz CH600

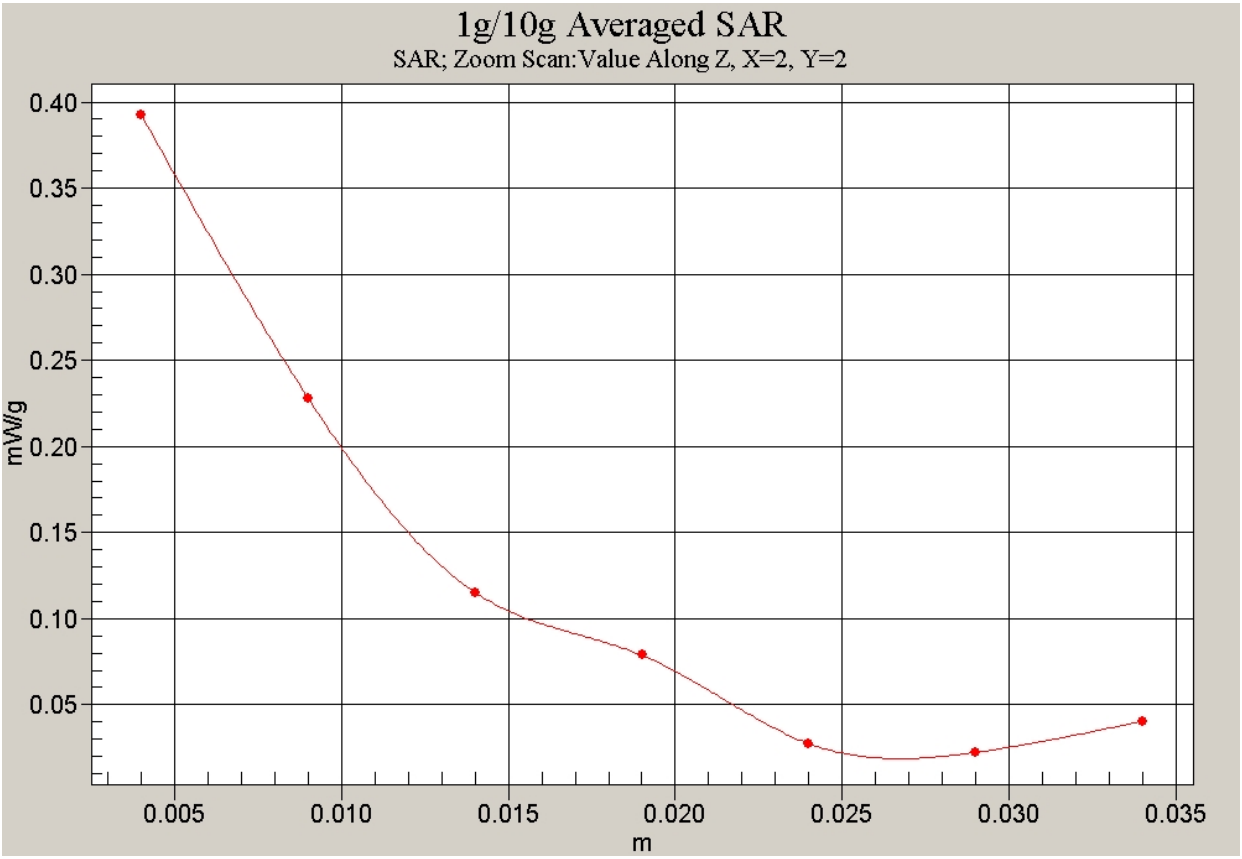


Fig. 34 Z-Scan at power reference point (CDMA 1900MHz, CH600)

CDMA 1900 MHz Left Cheek Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.33 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°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 (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.764 mW/g

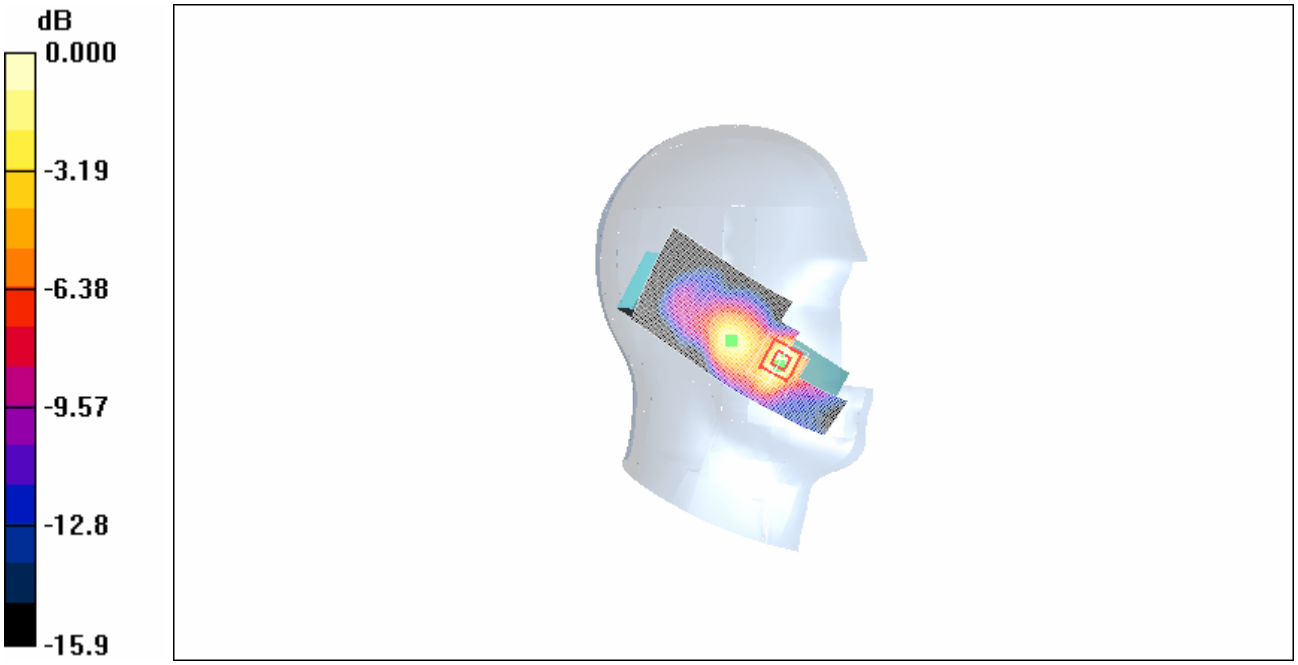
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.999 W/kg

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.731 mW/g



0 dB = 0.731mW/g

Fig. 35 Left Hand Touch Cheek CDMA 1900MHz CH25

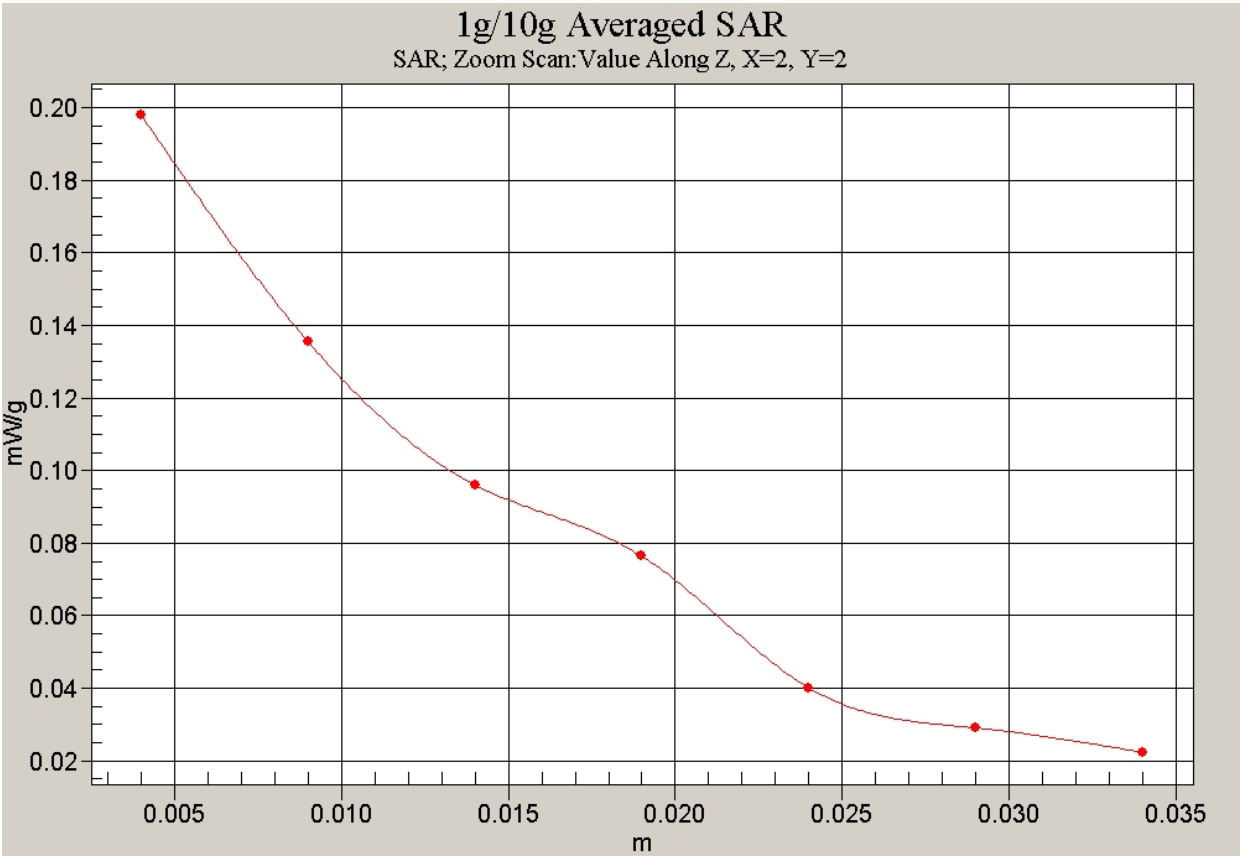


Fig. 36 Z-Scan at power reference point (CDMA 1900MHz, CH25)

CDMA 1900 MHz Left Tilt High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°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 (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.137 mW/g

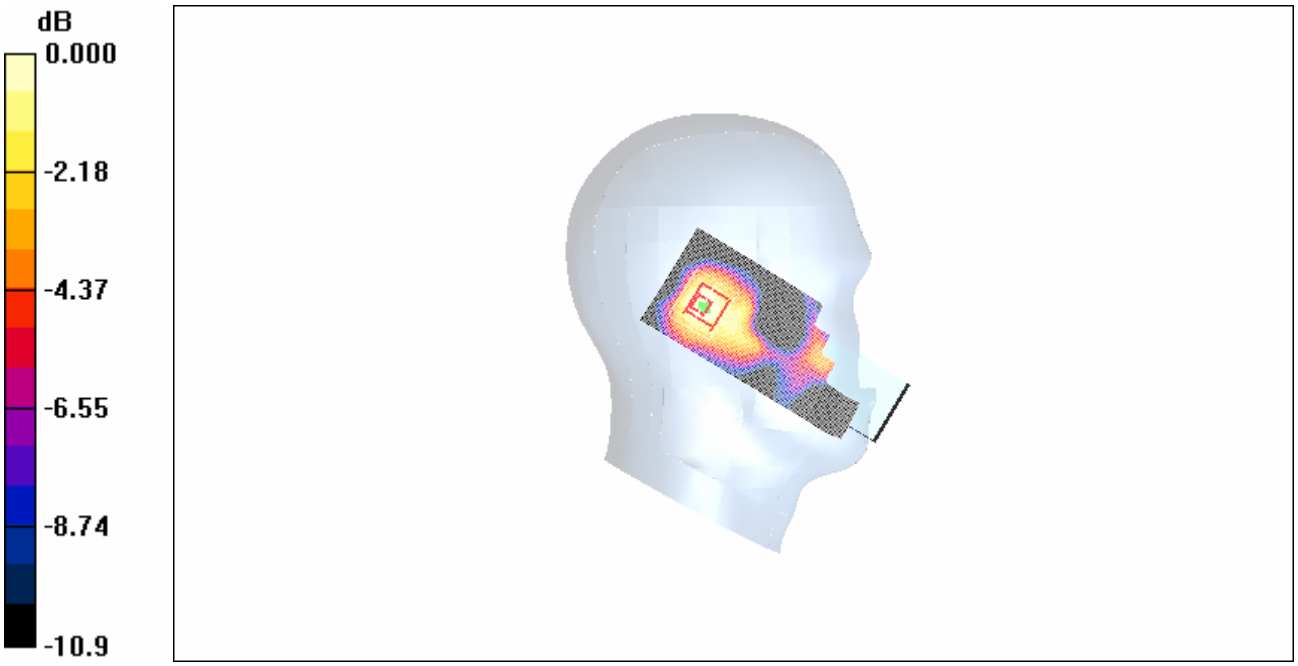
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.82 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101mW/g

Fig. 37 Left Hand Tilt 15° CDMA 1900MHz CH1175

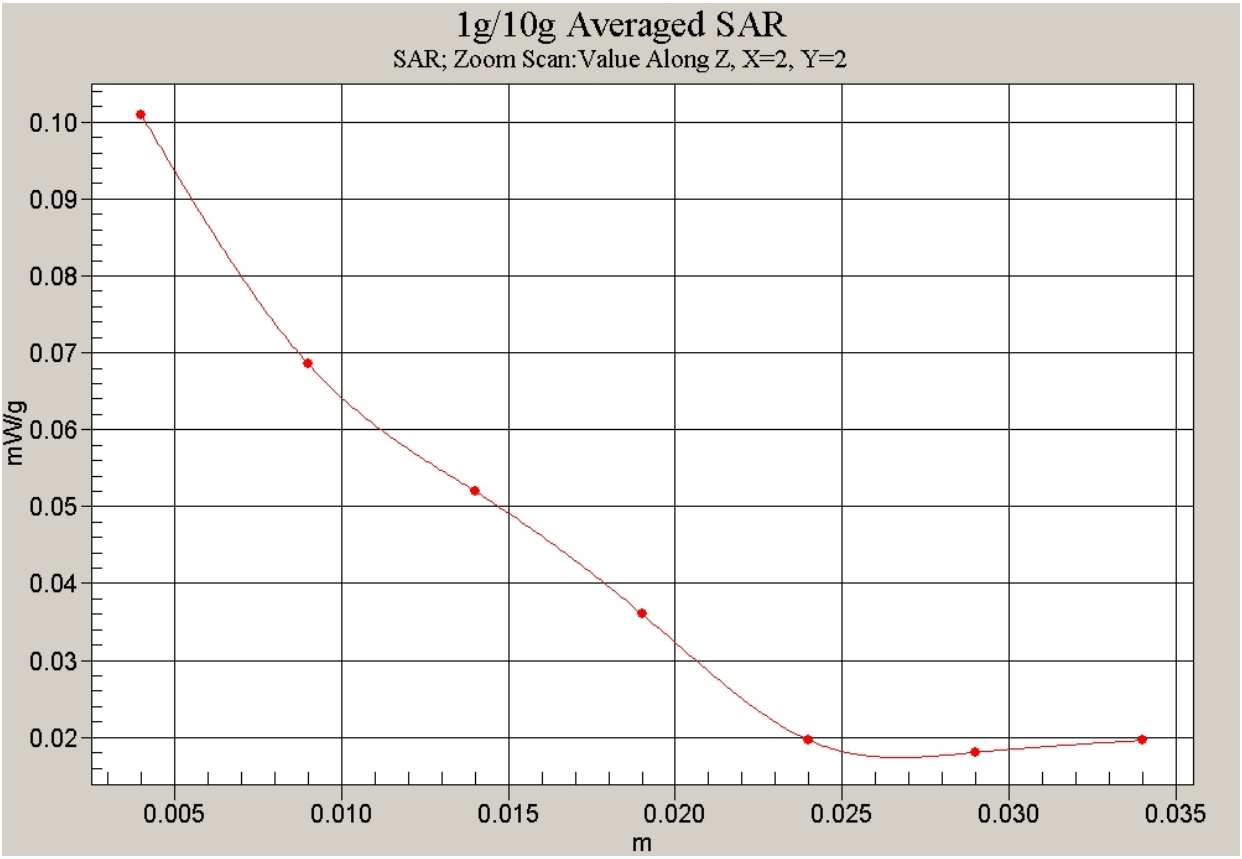


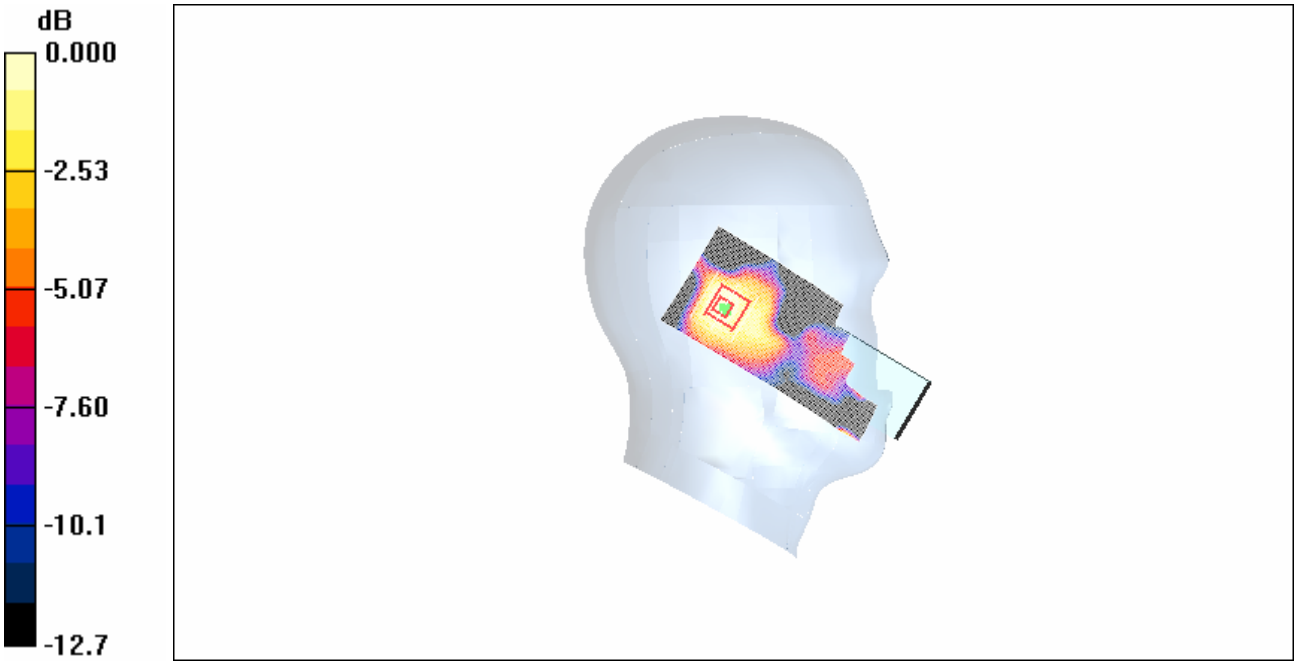
Fig. 38 Z-Scan at power reference point (CDMA 1900MHz, CH1175)

CDMA 1900 MHz Left Tilt Middle

Electronics: DAE3 Sn536
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C
Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Middle/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.130 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.48 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 0.155 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.119mW/g

Fig. 39 Left Hand Tilt 15° CDMA 1900MHz CH600

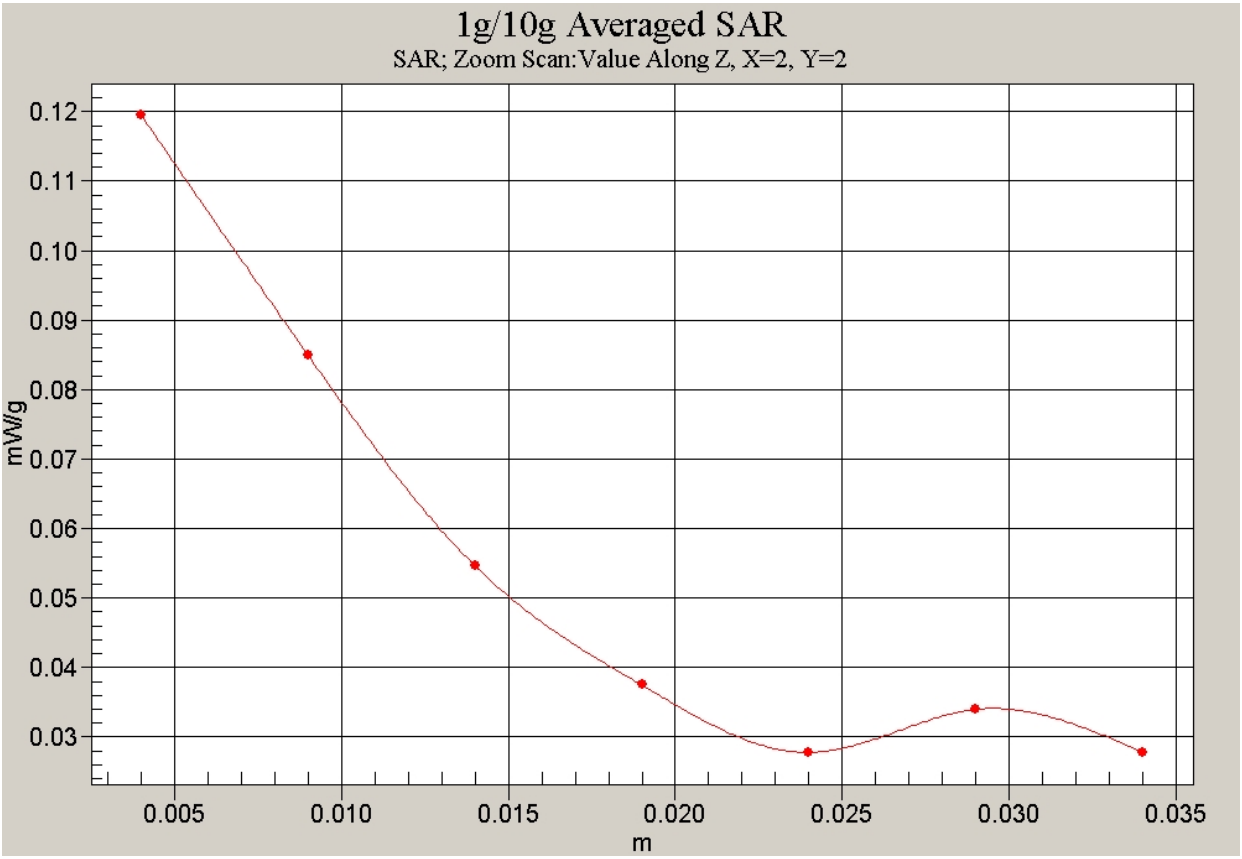


Fig. 40 Z-Scan at power reference point (CDMA 1900MHz, CH600)

CDMA 1900 MHz Left Tilt Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.33 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°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 (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.204 mW/g

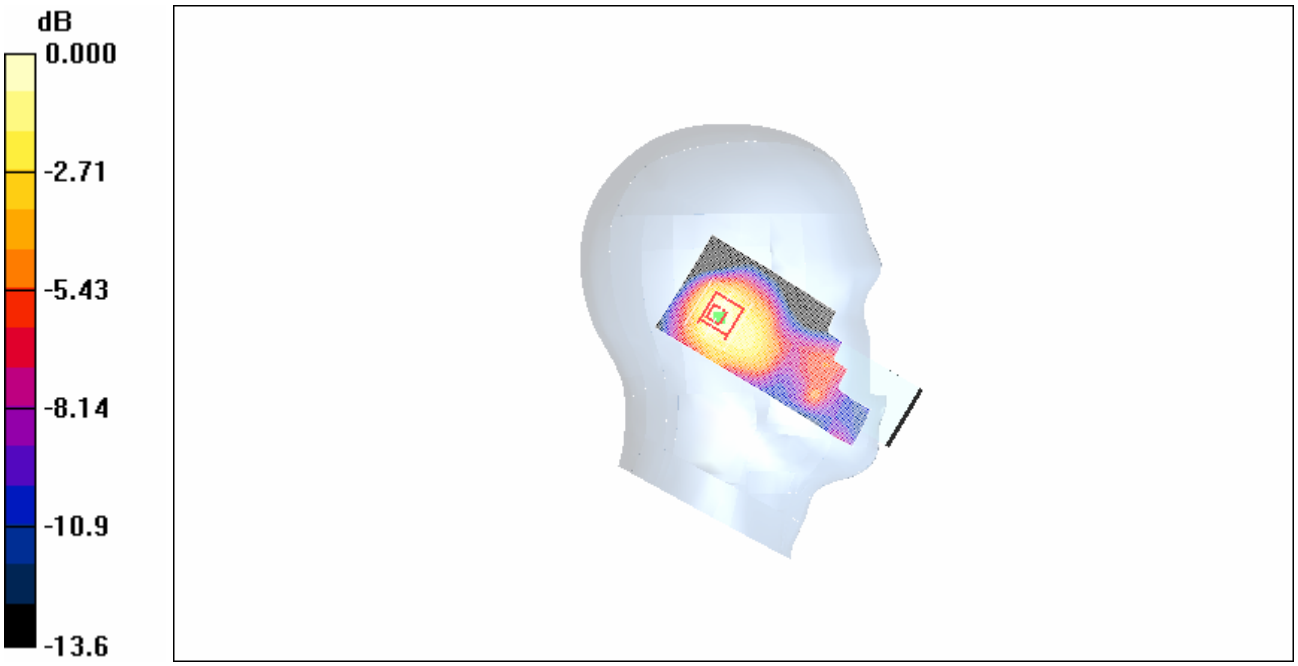
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198mW/g

Fig. 41 Left Hand Tilt 15° CDMA 1900MHz CH25

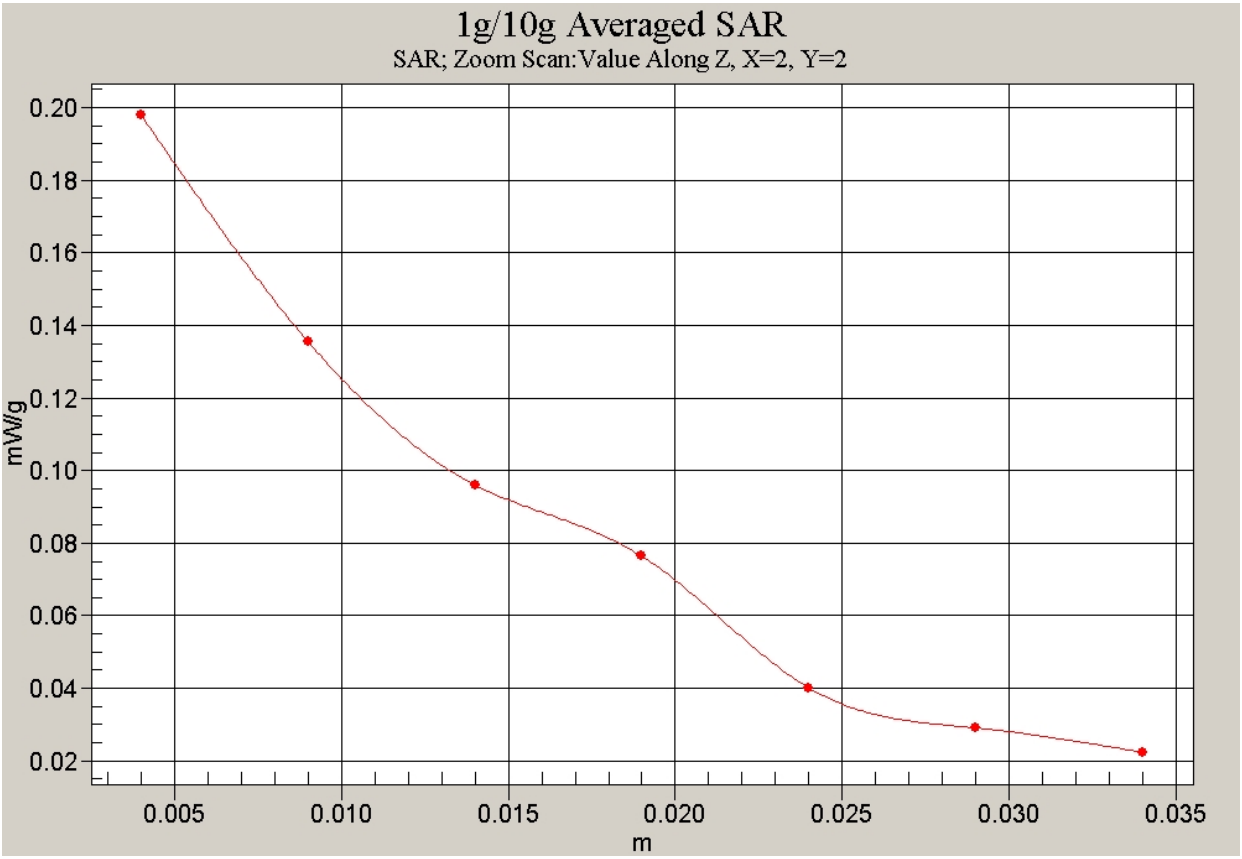


Fig. 42 Z-Scan at power reference point (CDMA 1900MHz, CH25)

CDMA 1900 MHz Right Cheek High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°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 (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.342 mW/g

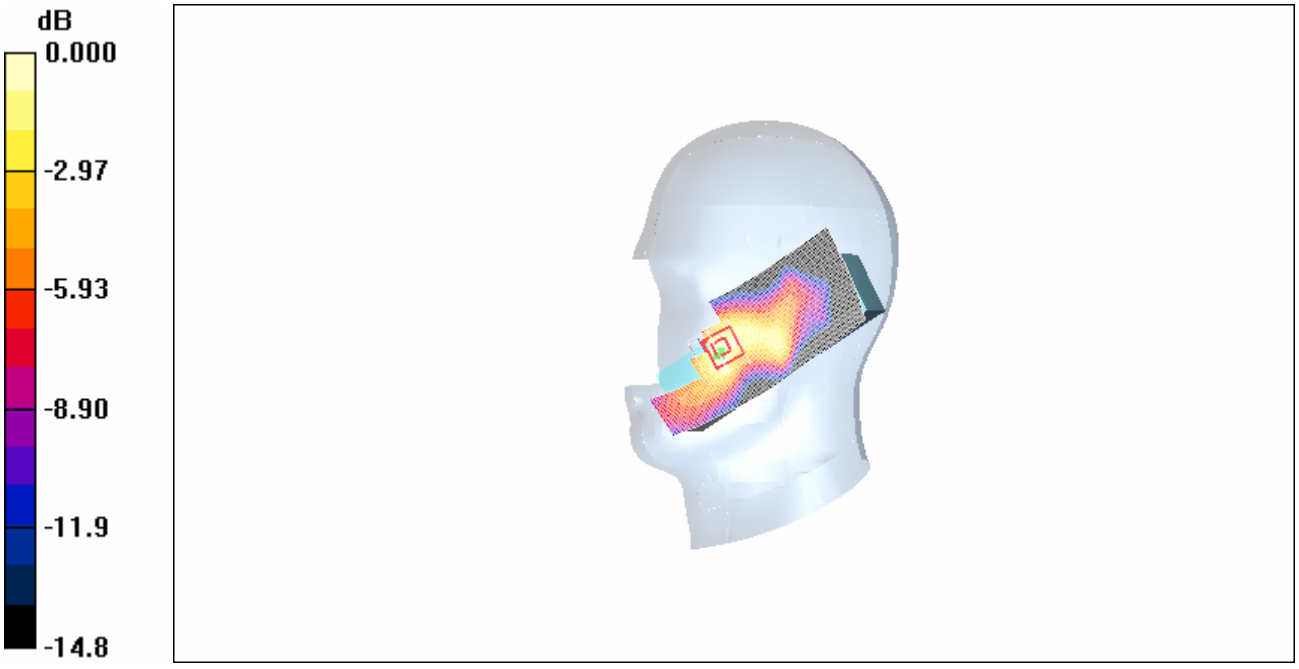
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.57 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.160 mW/g

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



0 dB = 0.333mW/g

Fig. 43 Right Hand Touch Cheek CDMA 1900MHz CH1175

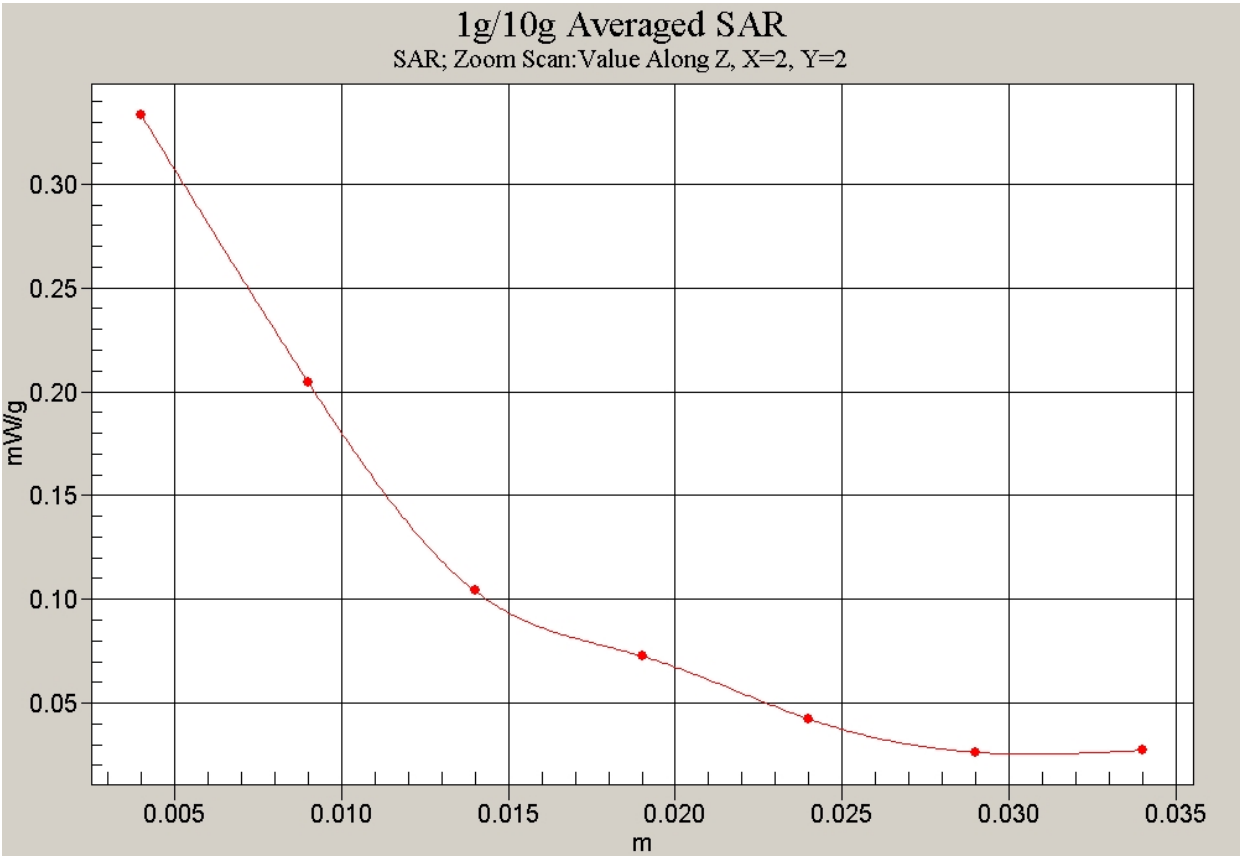


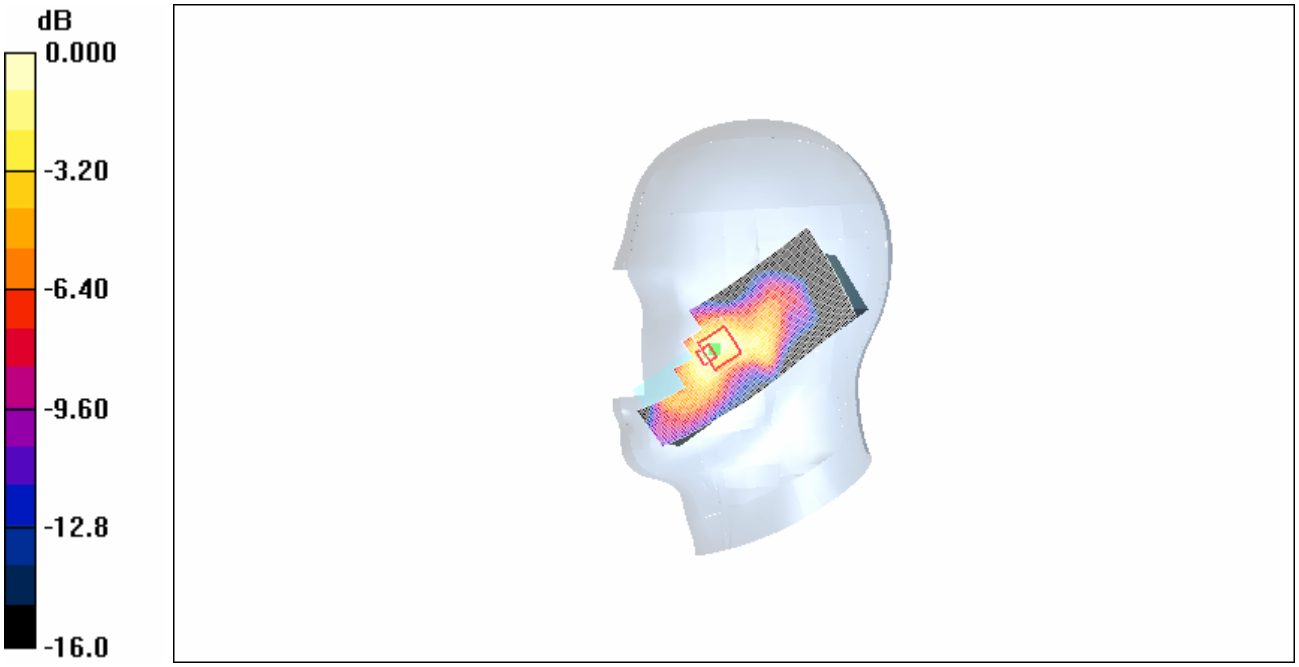
Fig. 44 Z-Scan at power reference point (CDMA 1900MHz, CH1175)

CDMA 1900 MHz Right Cheek Middle

Electronics: DAE3 Sn536
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C
Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Middle/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.415 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.81 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.454mW/g

Fig. 45 Right Hand Touch Cheek CDMA 1900MHz CH600

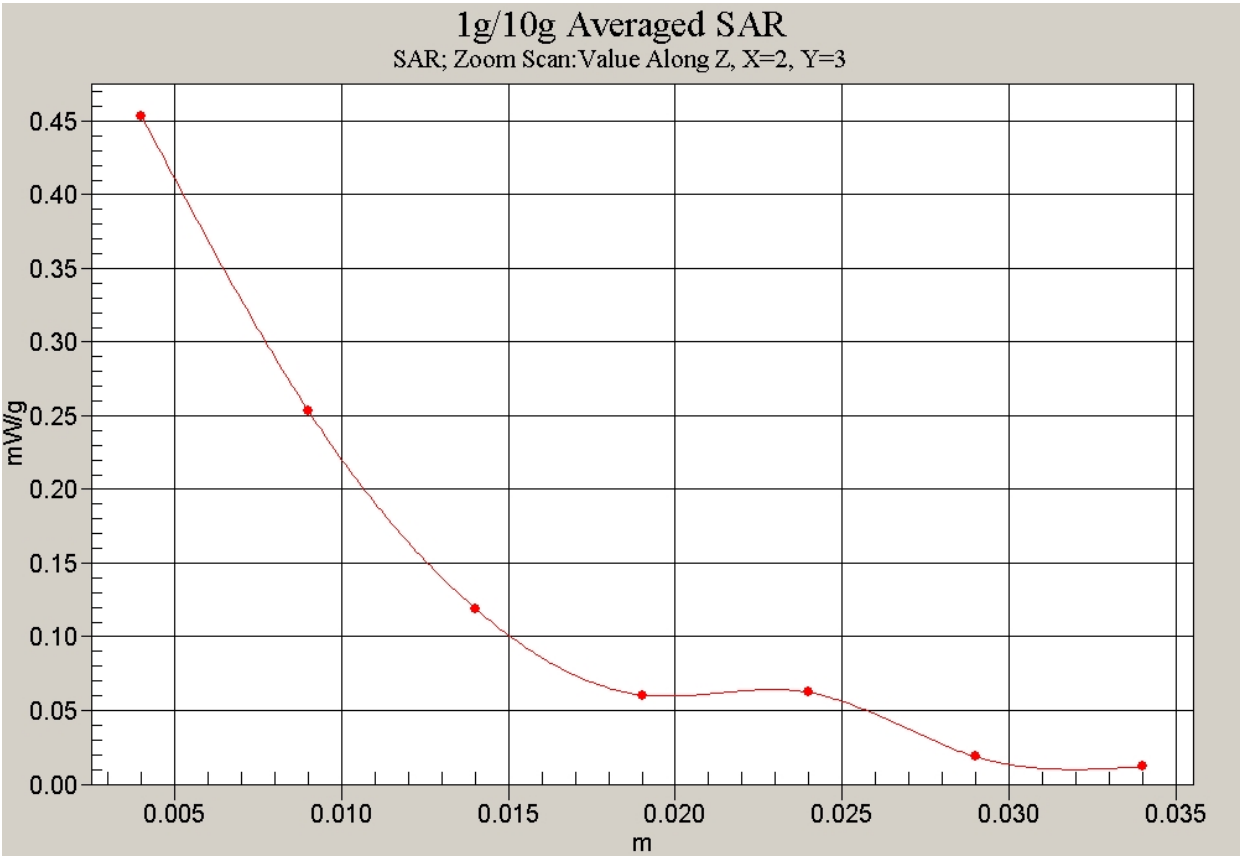


Fig. 46 Z-Scan at power reference point (CDMA 1900MHz, CH600)

CDMA 1900 MHz Right Cheek Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.33 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°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 (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.693 mW/g

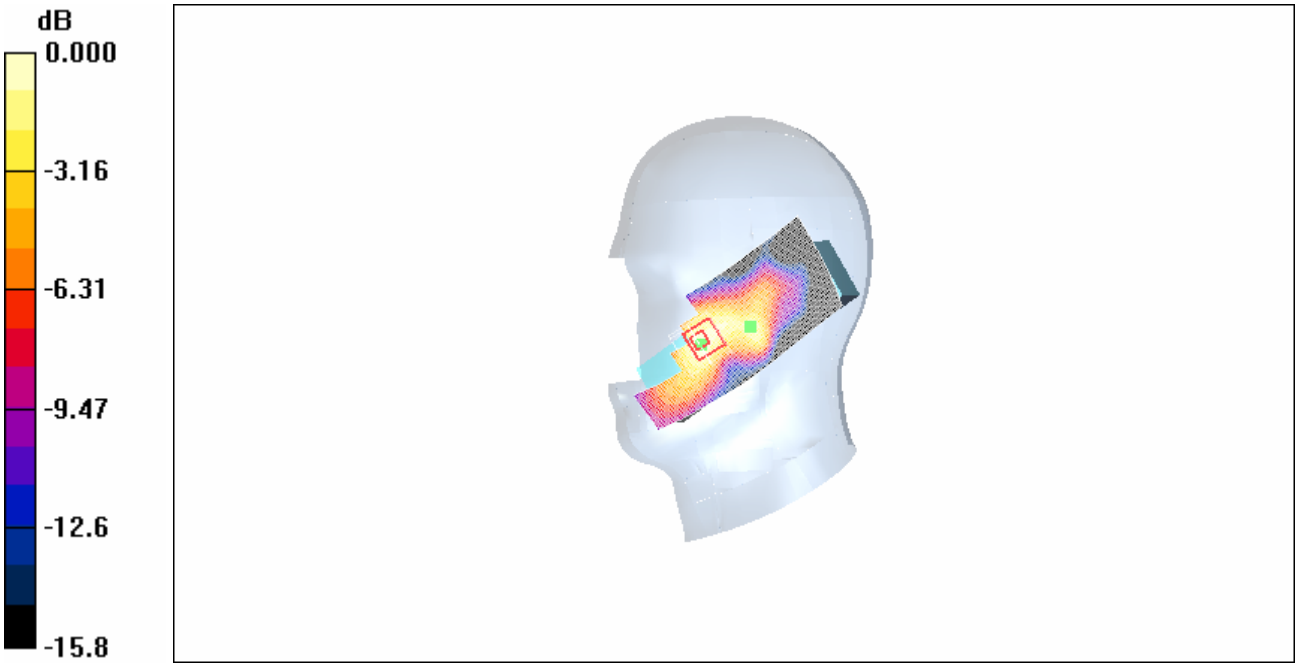
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.43 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.676 mW/g



0 dB = 0.676mW/g

Fig. 47 Right Hand Touch Cheek CDMA 1900MHz CH25

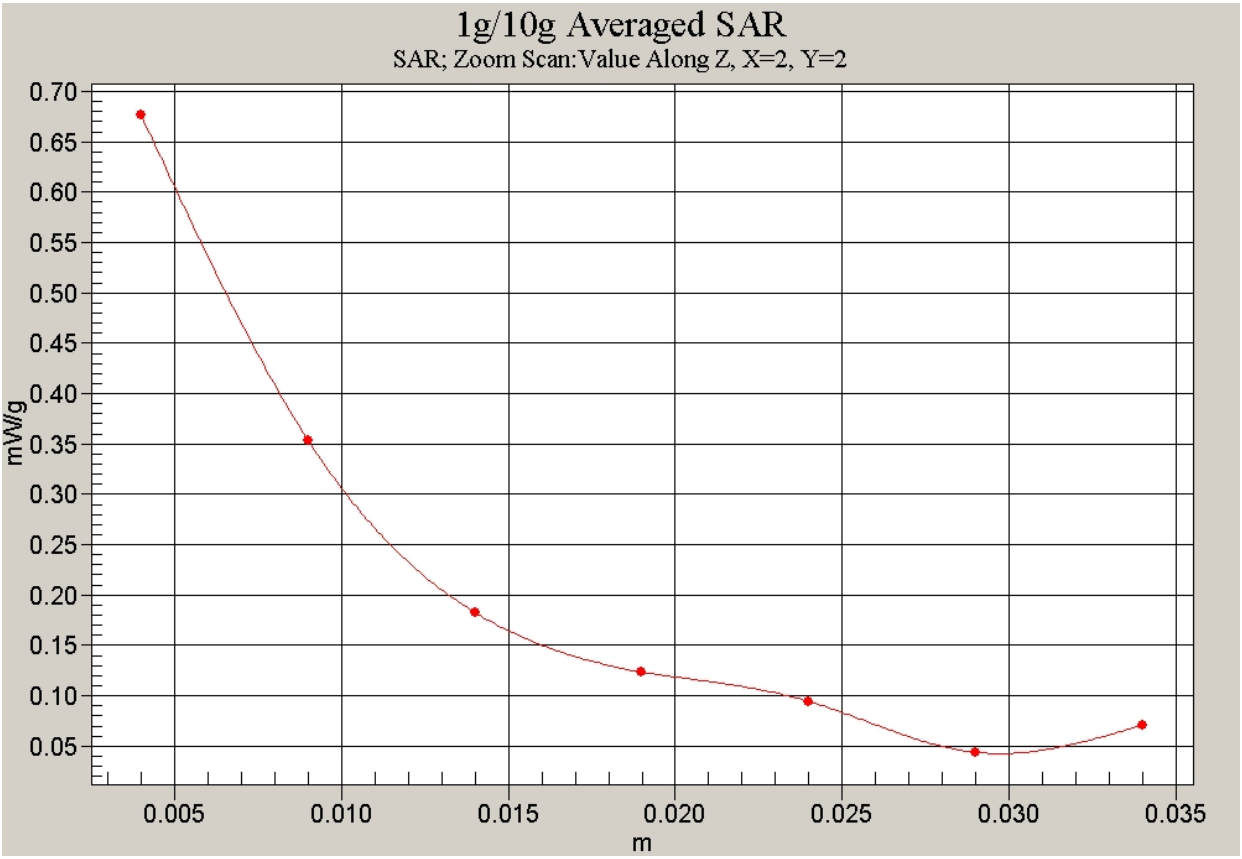


Fig. 48 Z-Scan at power reference point (CDMA 1900MHz, CH25)

CDMA 1900 MHz Right Tilt High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°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 (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.127 mW/g

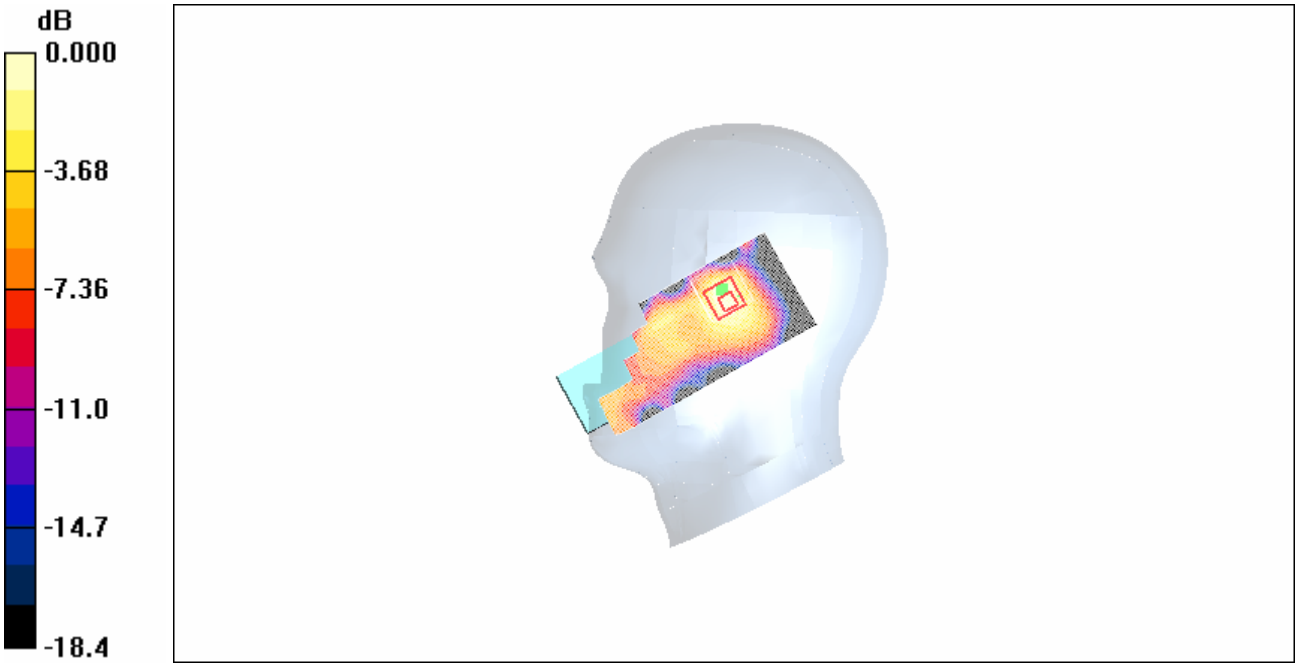
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.09 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.127 mW/g



0 dB = 0.127mW/g

Fig. 49 Right Hand Tilt 15° CDMA 1900MHz CH1175

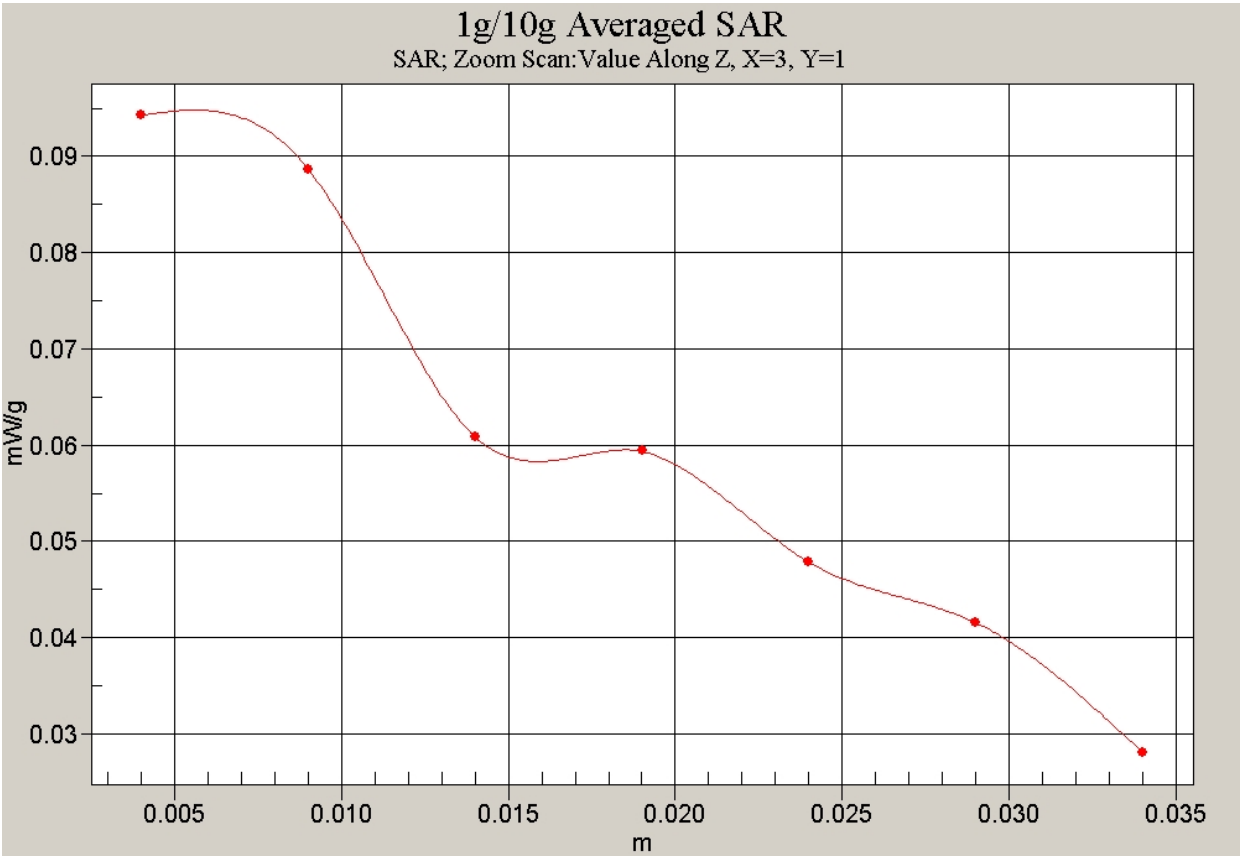


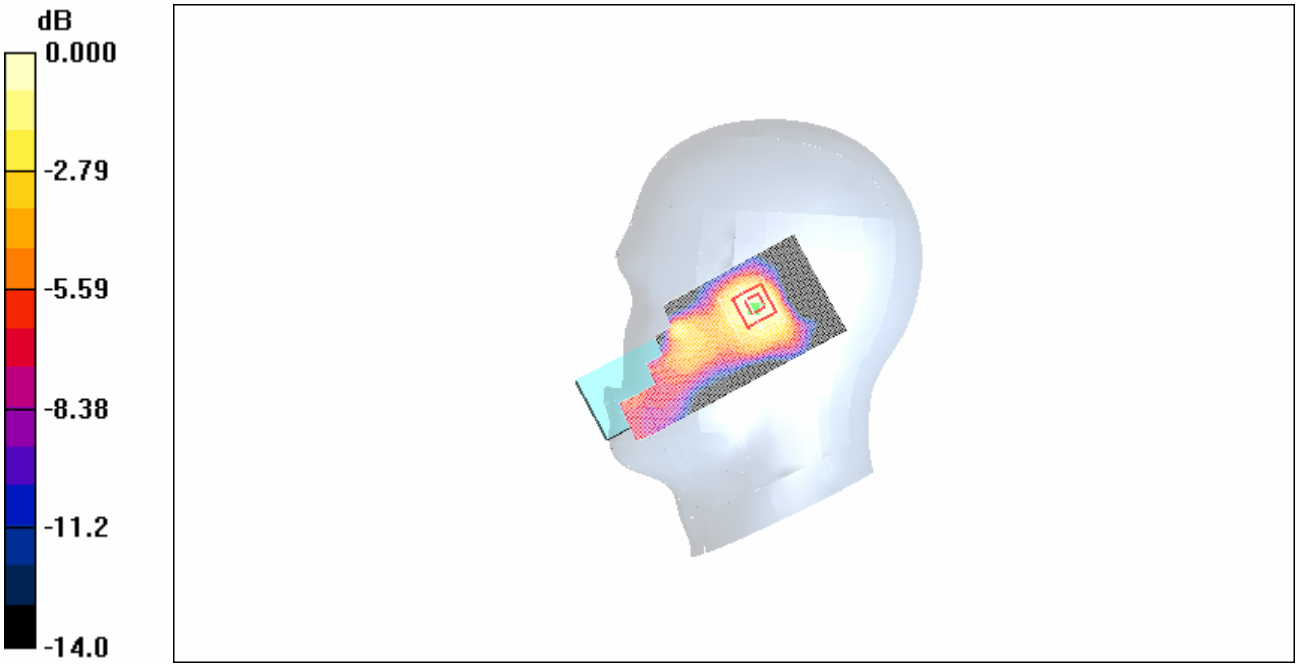
Fig. 50 Z-Scan at power reference point (CDMA 1900MHz, CH1175)

CDMA 1900 MHz Right Tilt Middle

Electronics: DAE3 Sn536
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3
Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C
Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Middle/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.171 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.14 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 0.182 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.149 mW/g



0 dB = 0.149mW/g

Fig. 51 Right Hand Tilt 15° CDMA 1900MHz CH600

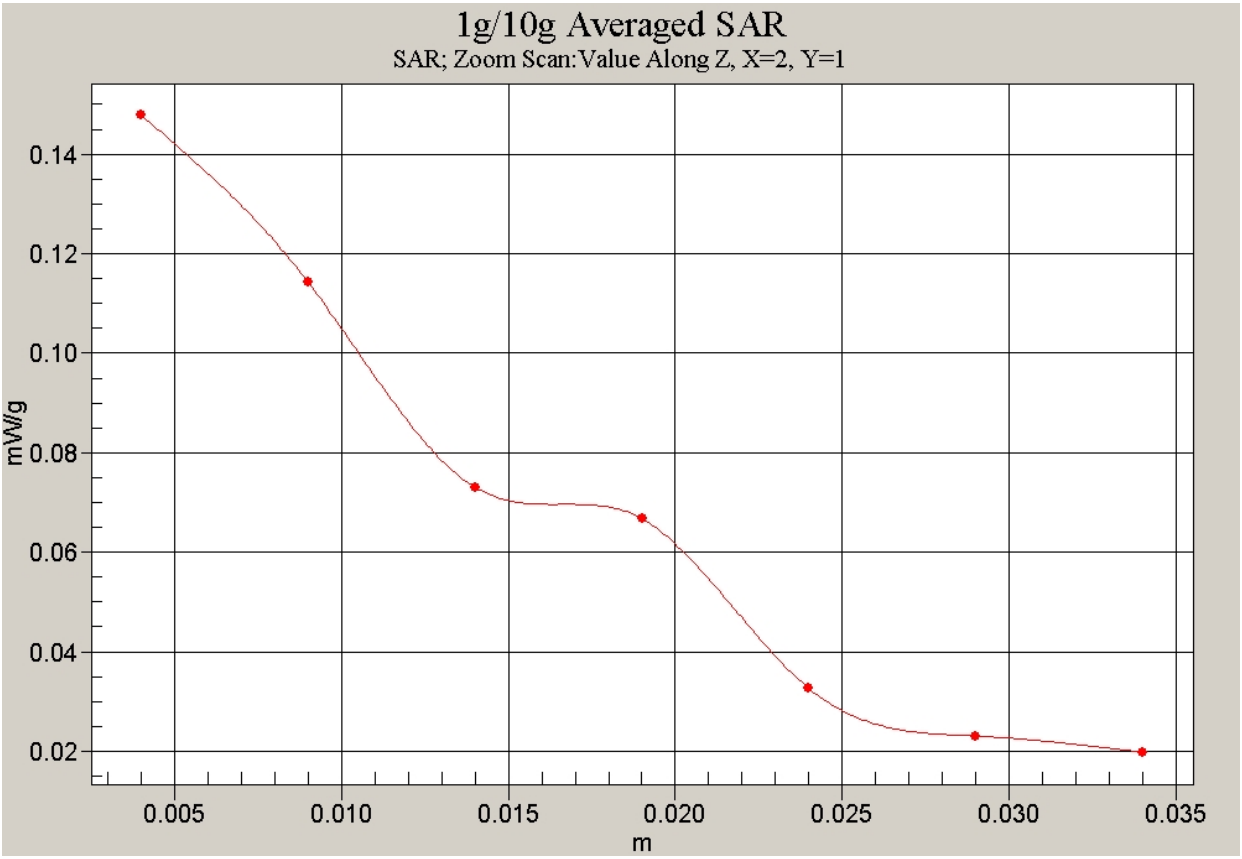


Fig. 52 Z-Scan at power reference point (CDMA 1900MHz, CH600)

CDMA 1900 MHz Right Tilt Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.33 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°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 (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.261 mW/g

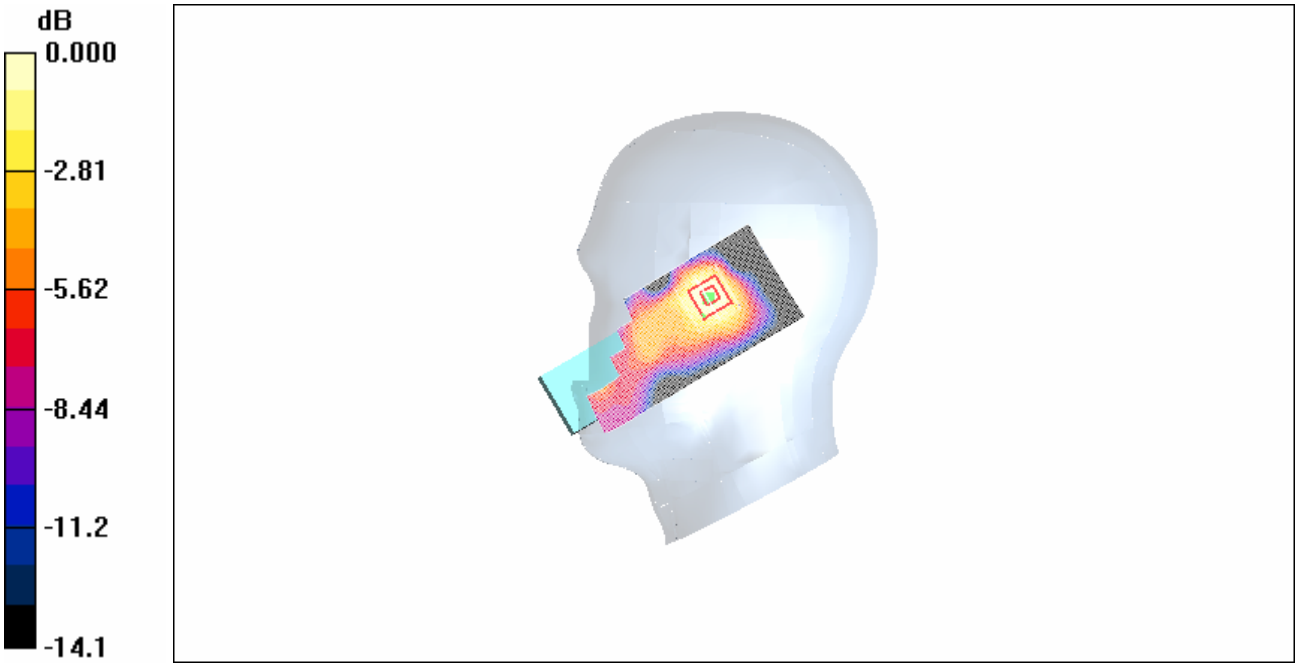
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.41 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.229mW/g

Fig. 53 Right Hand Tilt 15° CDMA 1900MHz CH25

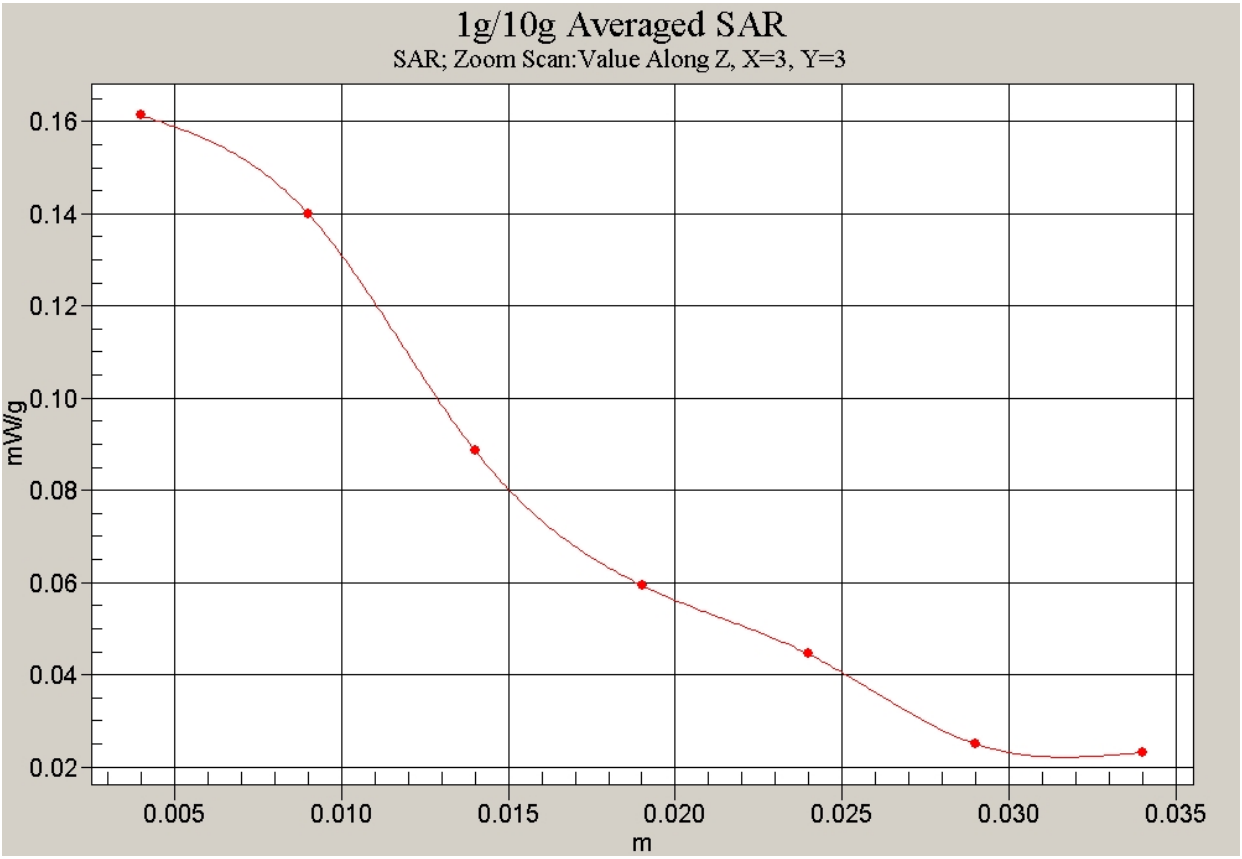


Fig. 54 Z-Scan at power reference point (CDMA 1900MHz, CH25)

CDMA 1900 MHz Body Toward Ground High

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground High/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.224 mW/g

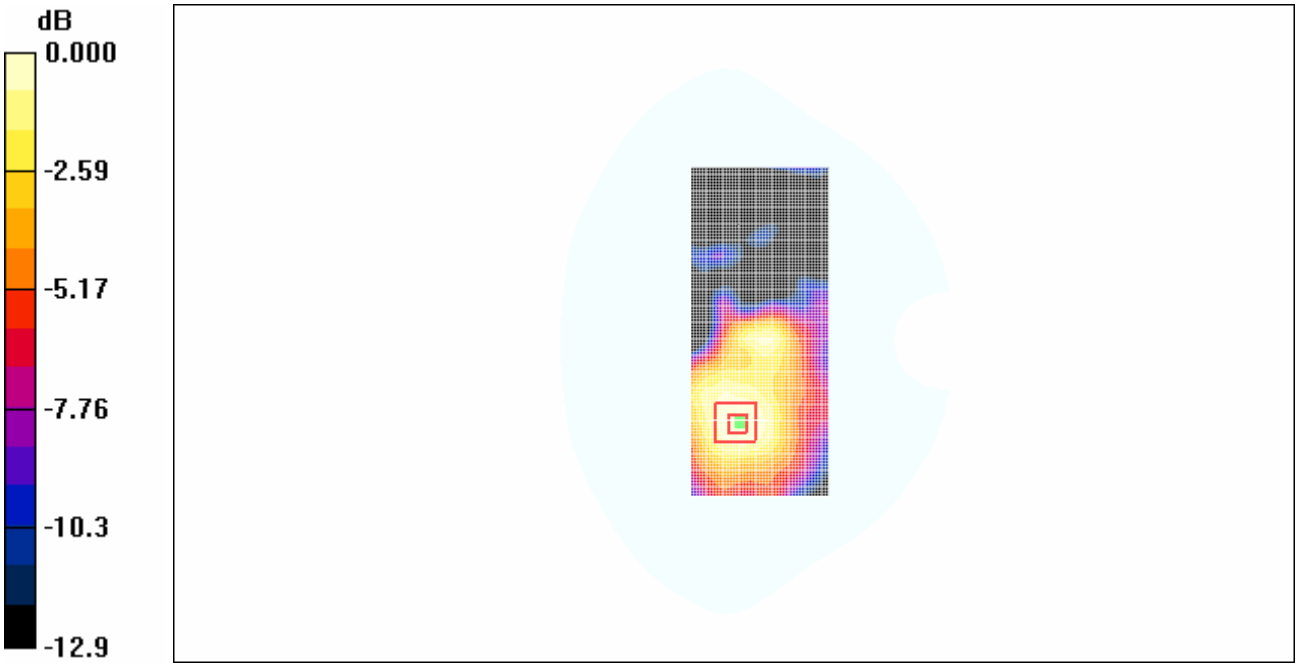
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



0 dB = 0.217mW/g

Fig. 55 CDMA 1900MHz, Body, Towards Ground, CH1175

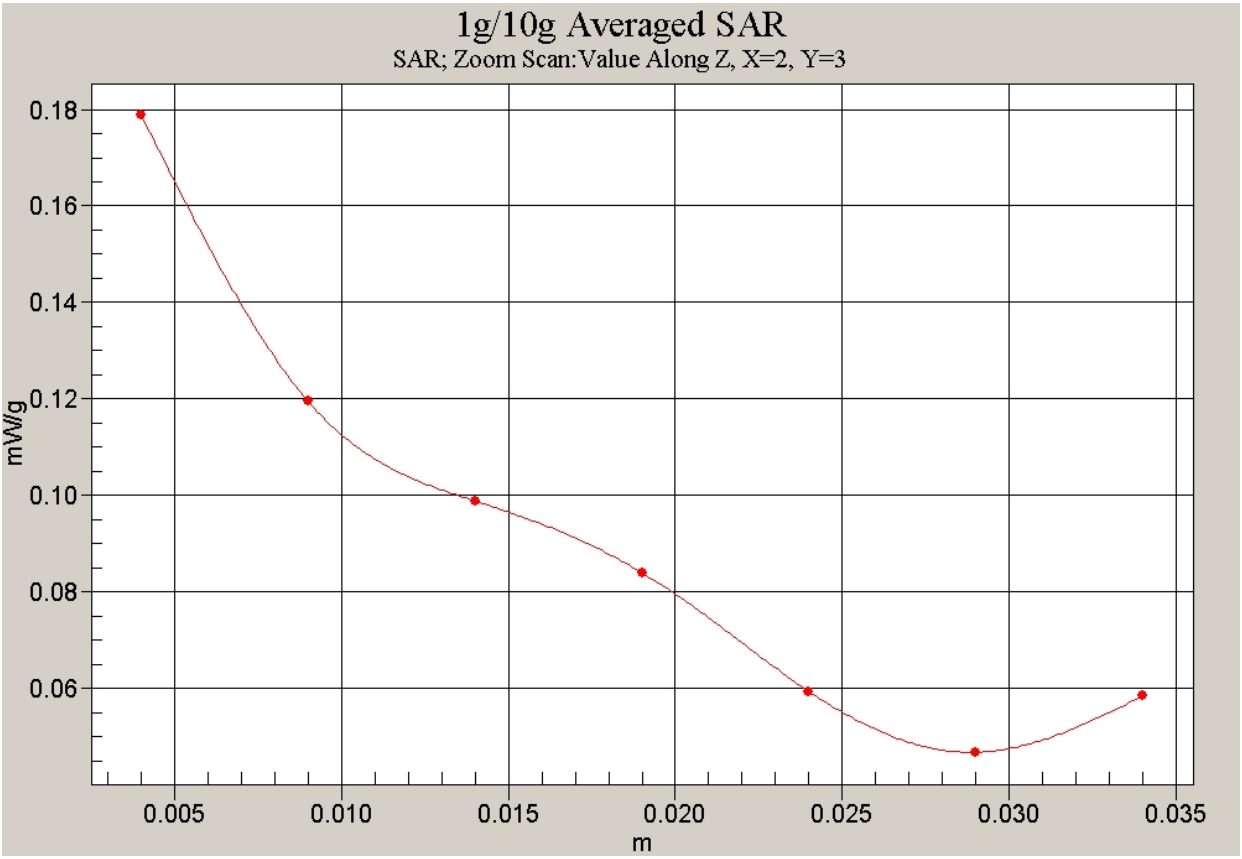


Fig. 56 Z-Scan at power reference point (CDMA 1900MHz, Body, Towards Ground, CH1175)

CDMA 1900 MHz Body Toward Ground Middle

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C

Communication System: CDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Middle/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.293 mW/g

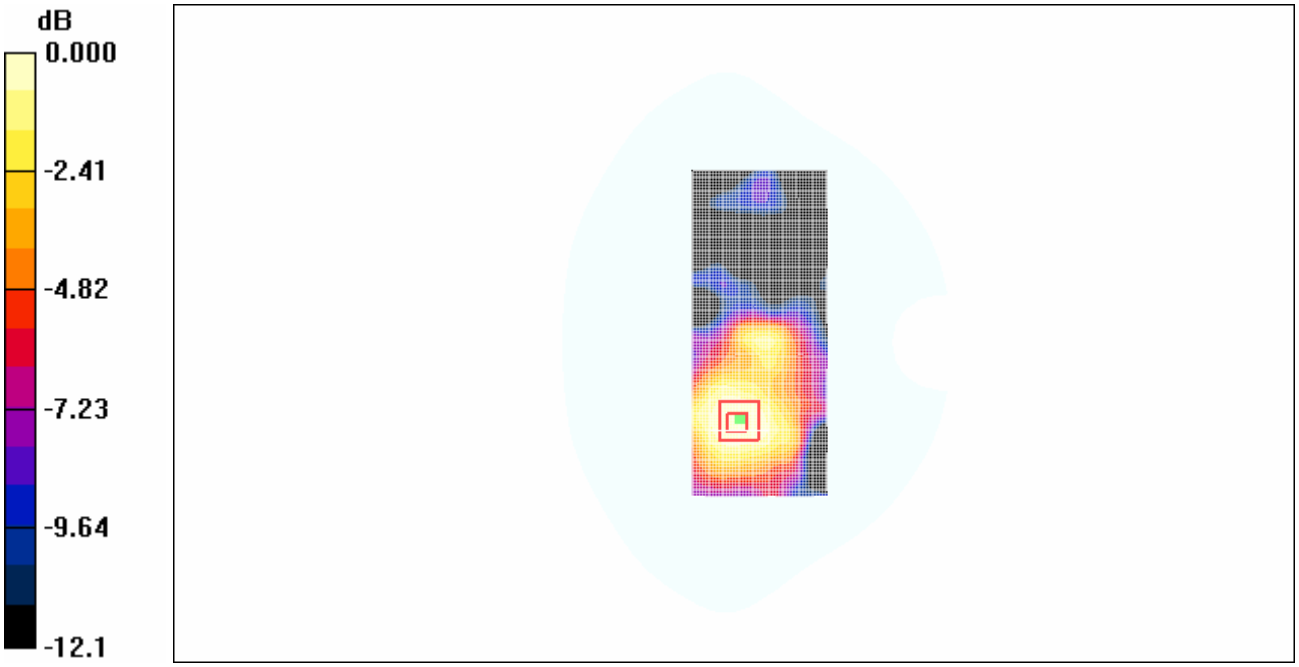
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.245 mW/g



0 dB = 0.245mW/g

Fig. 57 CDMA 1900MHz, Body, Towards Ground, CH600

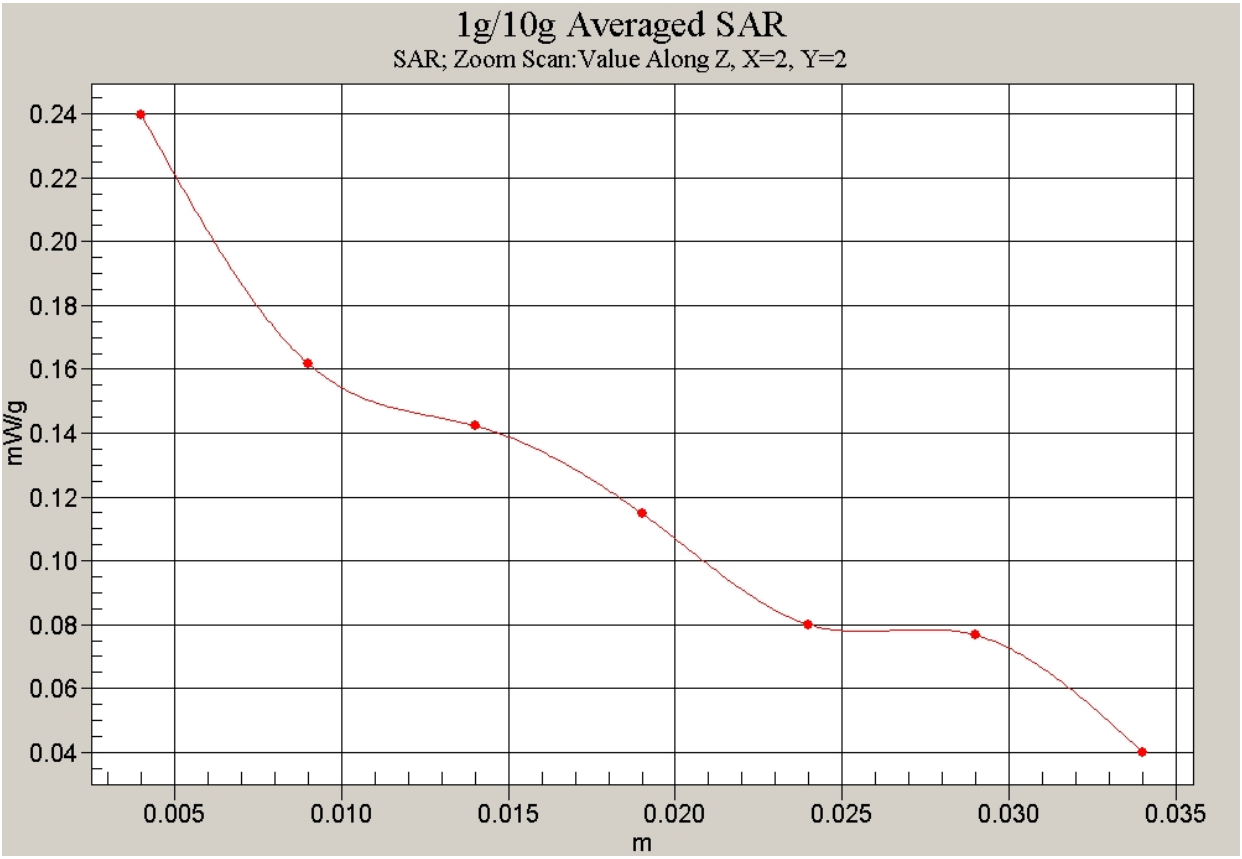


Fig. 58 Z-Scan at power reference point (CDMA 1900MHz, Body, Towards Ground, CH600)

CDMA 1900 MHz Body Toward Ground Low

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.48 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C

Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Low/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.464 mW/g

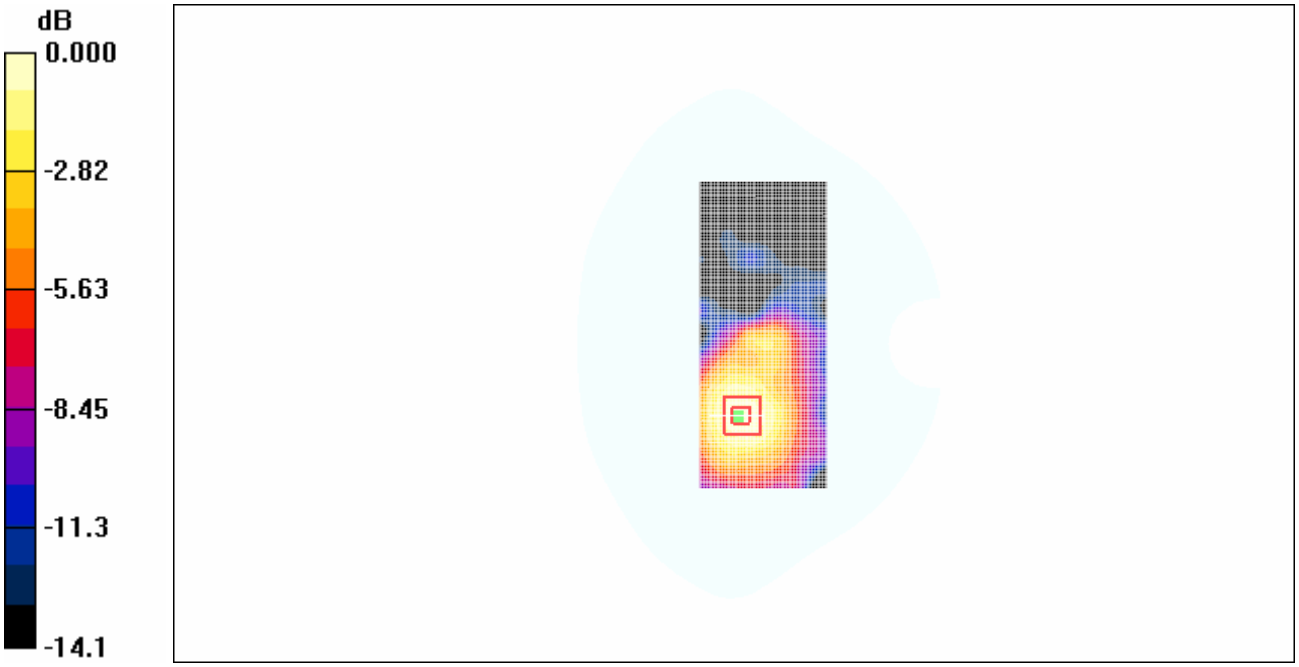
Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.483 mW/g



0 dB = 0.483mW/g

Fig. 59 CDMA 1900MHz, Body, Towards Ground, CH25

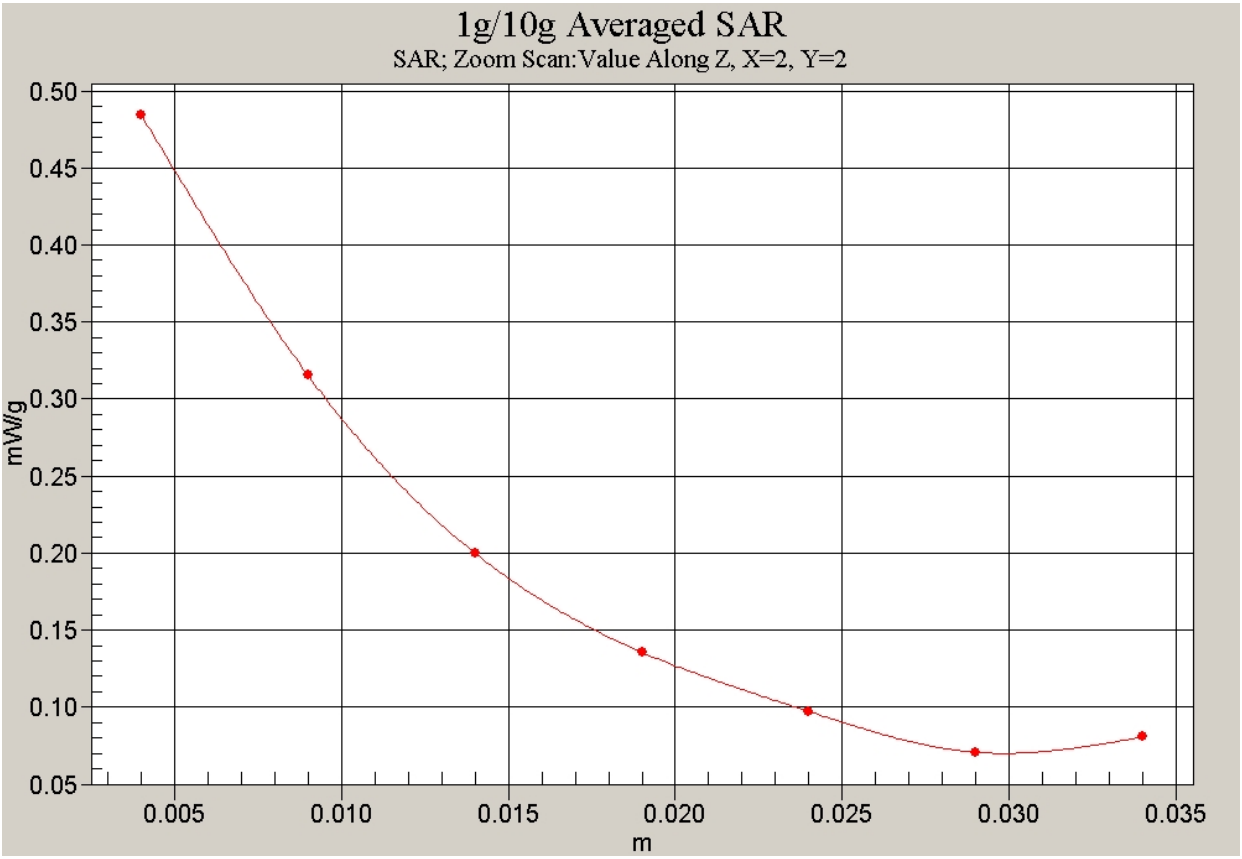


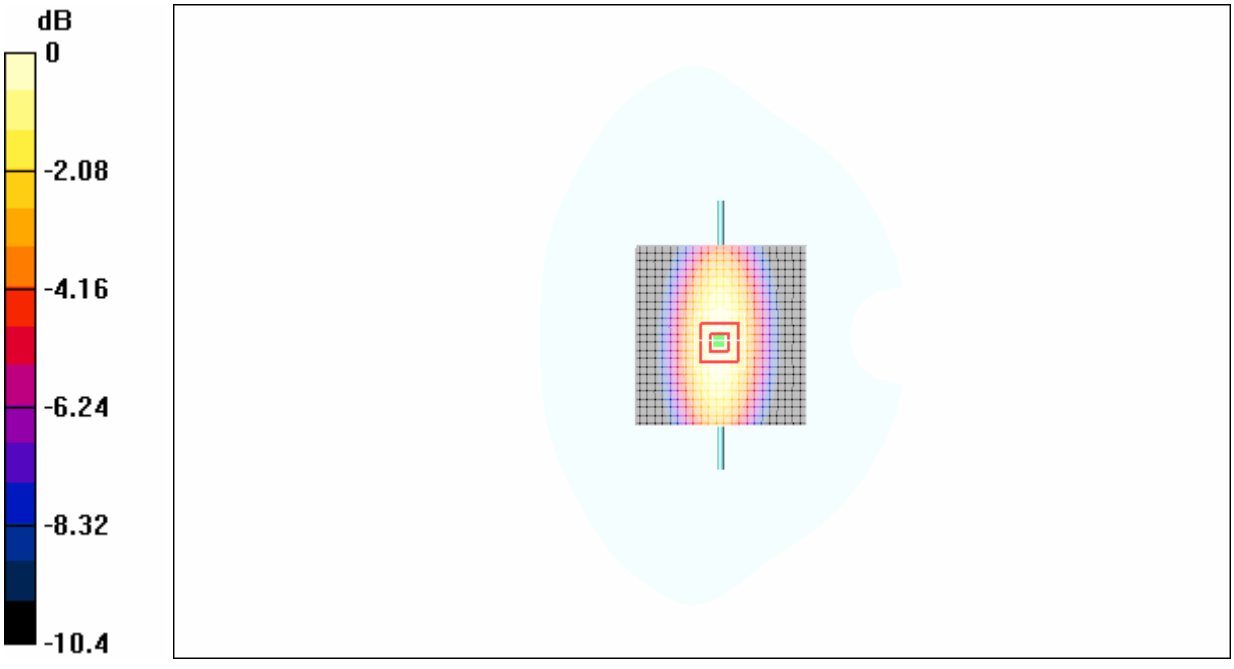
Fig. 60 Z-Scan at power reference point (CDMA 1900MHz, Body, Towards Ground, CH25)

ANNEX D SYSTEM VALIDATION RESULTS

835MHzDAE536Probe1736

Date/Time: 2007-6-11 8:18:09
Electronics: DAE3 Sn536
Medium: 835 Head
Medium parameters used (interpolated): f=835MHz; σ = 0.93 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature:24.5^{o}C Liqiud Temperature: 24.0^{o}C
Communication System: CW Frequency: 835 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)
835MHz/Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.68 mW/g

835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.8 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.69 mW/g



0 dB = 2.69mW/g

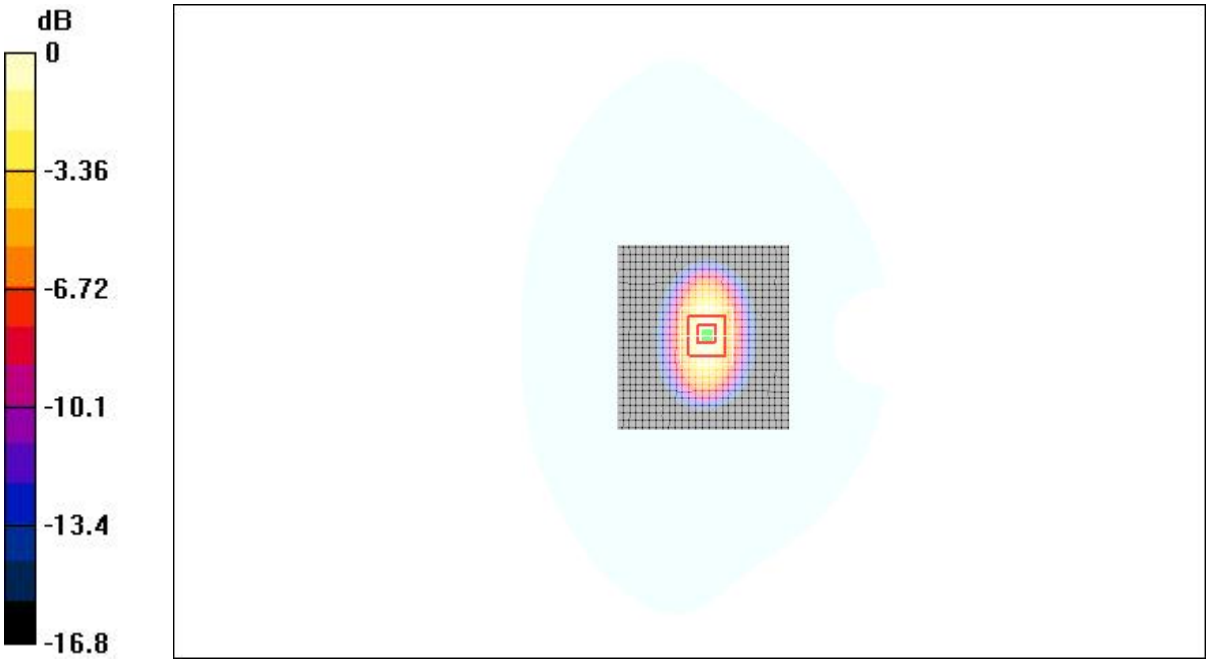
Fig.61 validation 835MHz 250mW

1900MHzDAE536Probe1736

Date/Time: 2007-6-12 7:42:38
Electronics: DAE3 Sn536
Medium: Head 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3
Ambient Temperature:24.5°C Liqiud Temperature: 24.0°C
Communication System: CW Frequency: 1900 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

System Validation/Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.2 mW/g

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.1 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.27 mW/g
Maximum value of SAR (measured) = 11.3 mW/g



0 dB = 11.3mW/g

Fig.62 validation 1900MHz 250mW