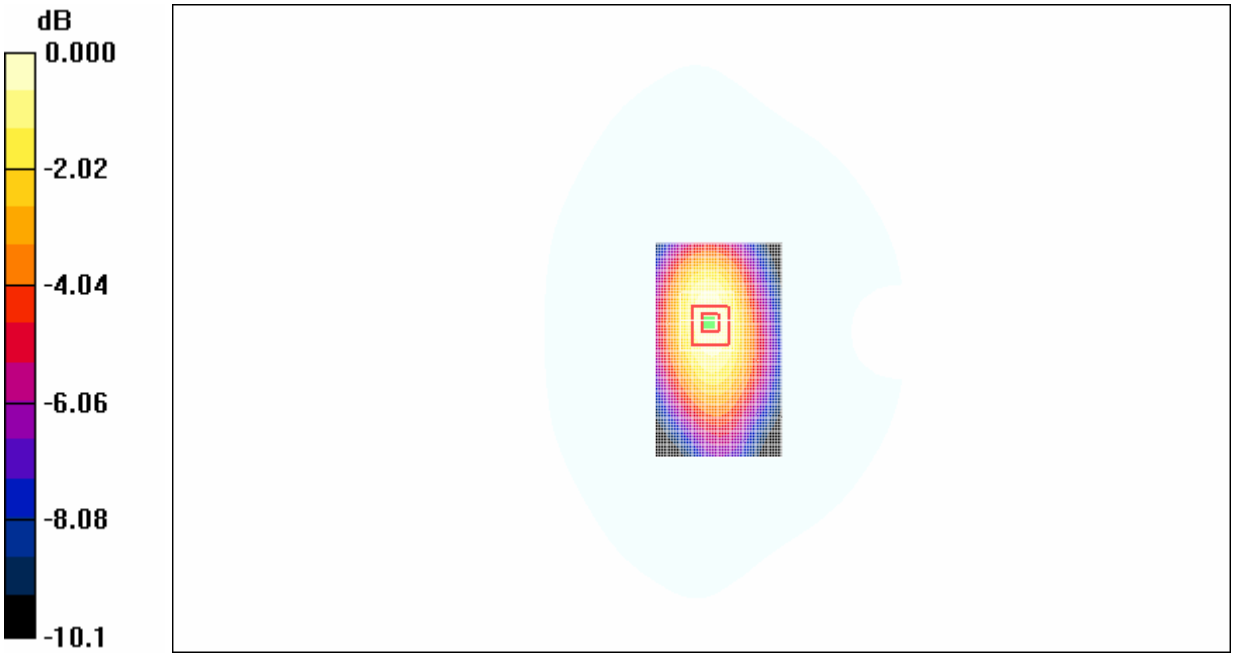
850 Body Towards Phantom Middle with GPRS

Date/Time: 2007-1-16 15:25:04
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used (interpolated): σ = 1.00 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4
Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Phantom Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

Fig. 39 850 MHz CH190

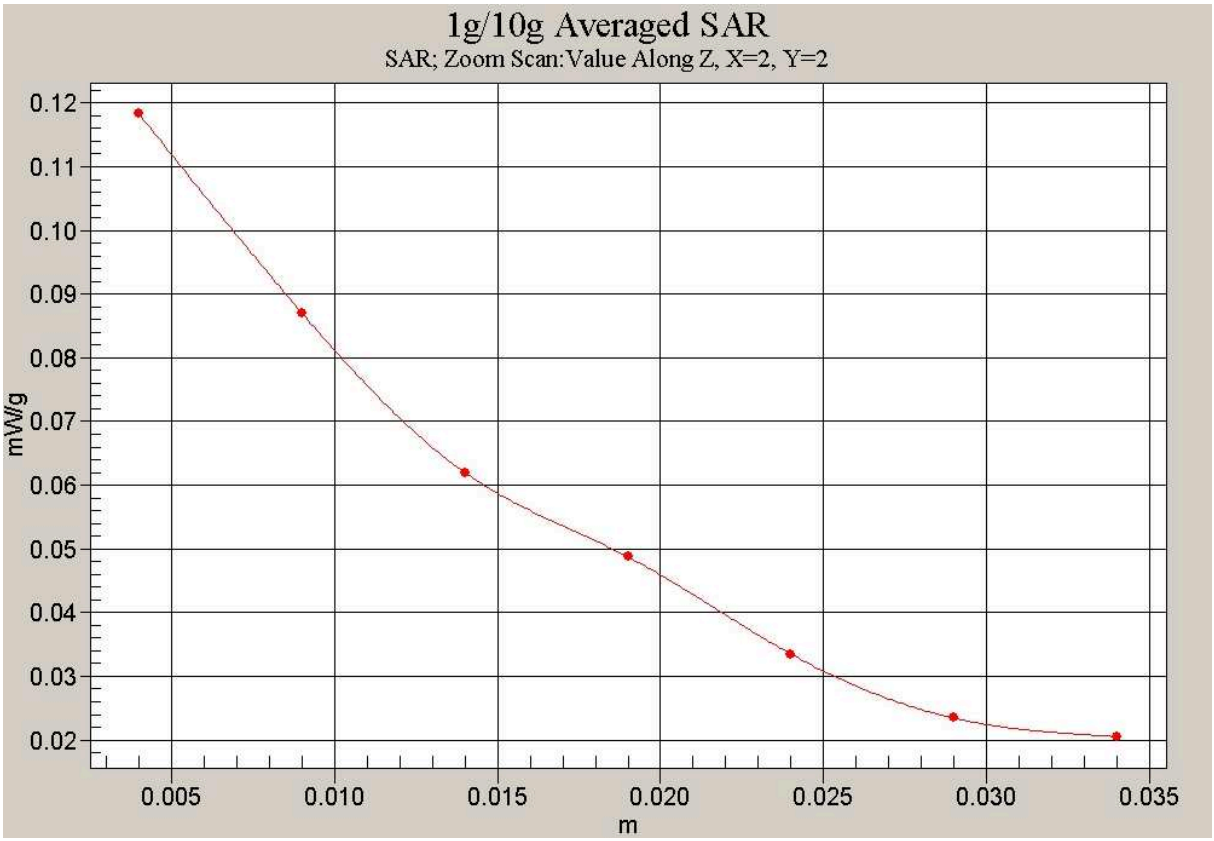


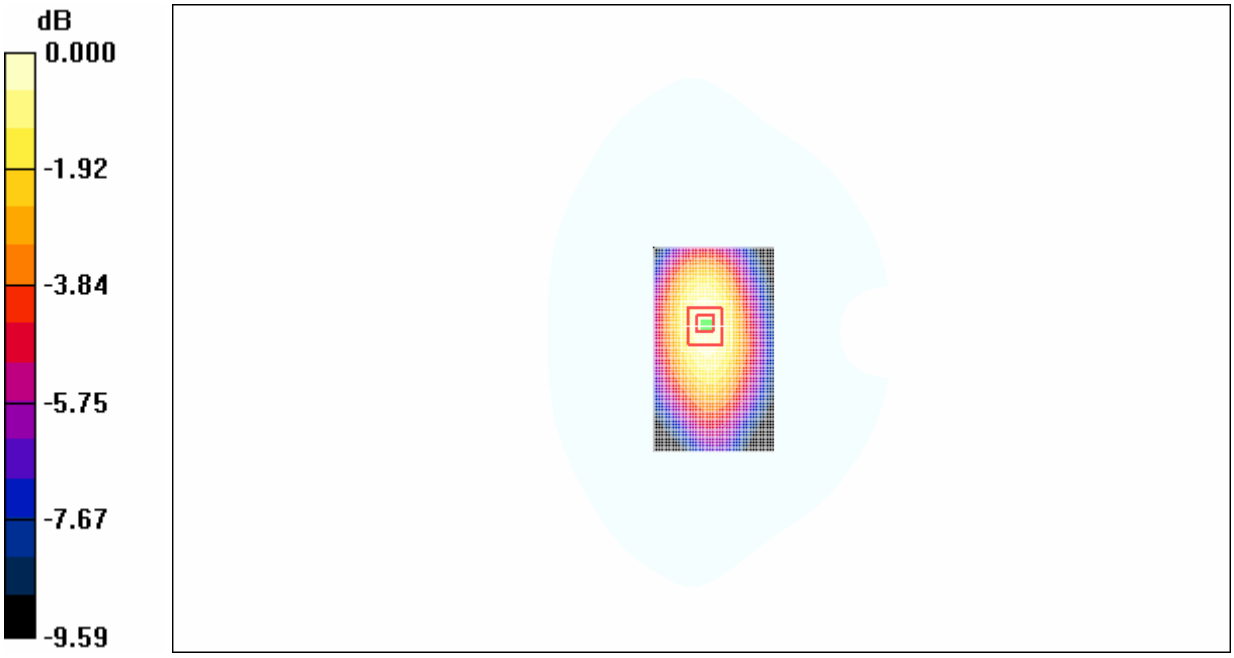
Fig. 40 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Phantom Low with GPRS

Date/Time: 2007-1-16 15:53:39
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used (interpolated): σ = 1.00 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Phantom Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.092 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.56 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.093 mW/g



0 dB = 0.093mW/g

Fig. 41 850 MHz CH128

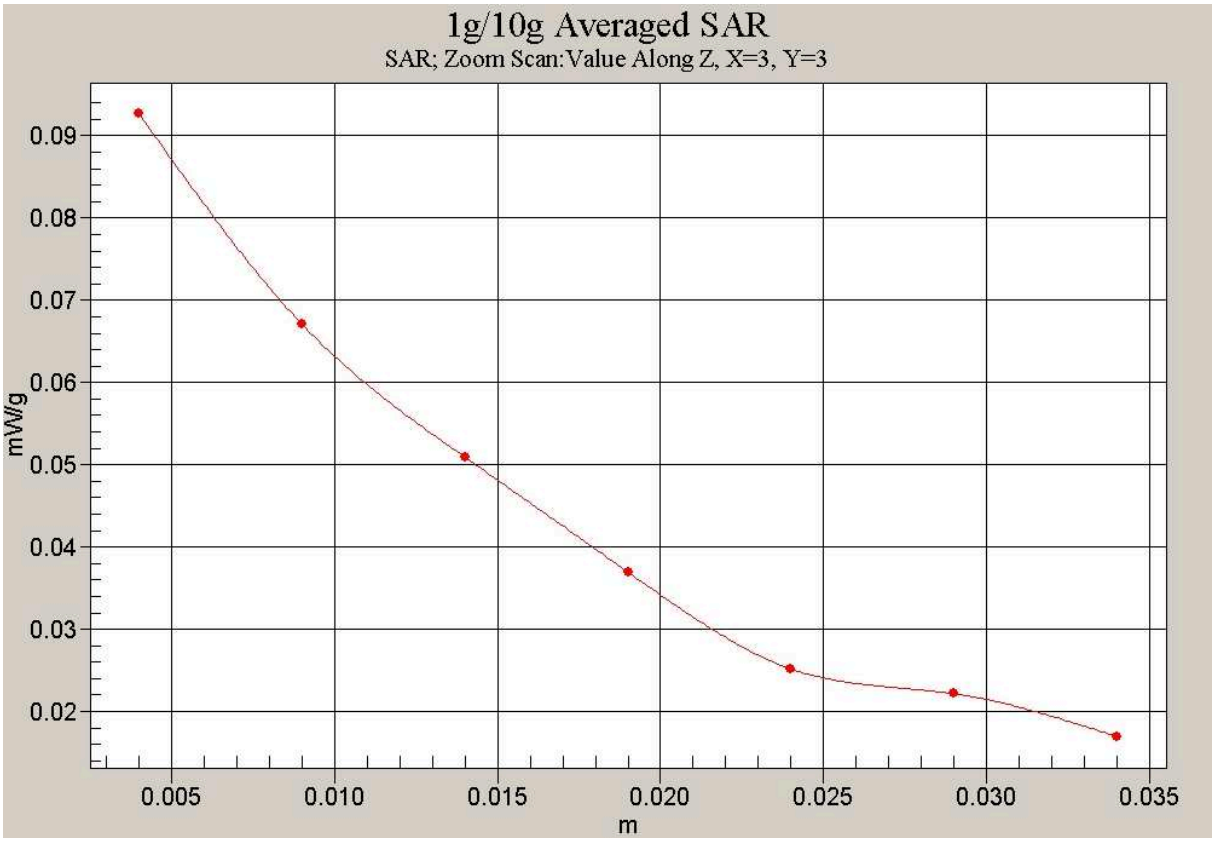


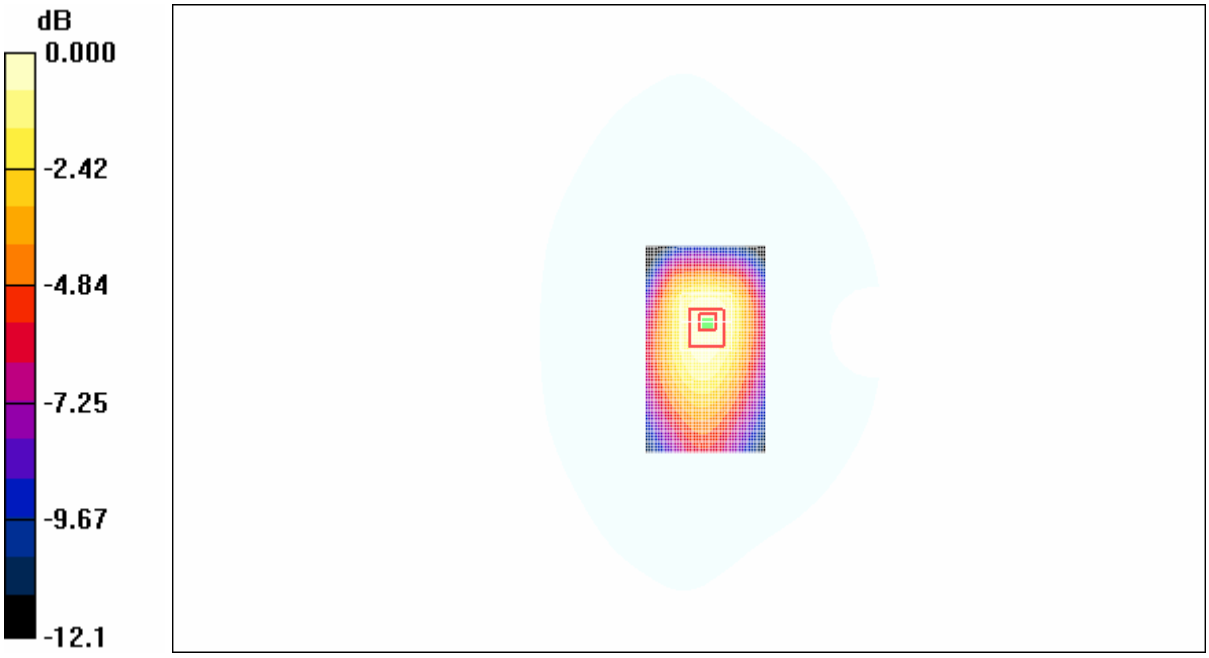
Fig. 42 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Ground High with GPRS

Date/Time: 2007-1-16 17:09:43
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used (interpolated): σ = 1.00 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4
Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.441 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.557 W/kg
SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.287 mW/g
Maximum value of SAR (measured) = 0.432 mW/g



0 dB = 0.432mW/g

Fig. 43 850 MHz CH251

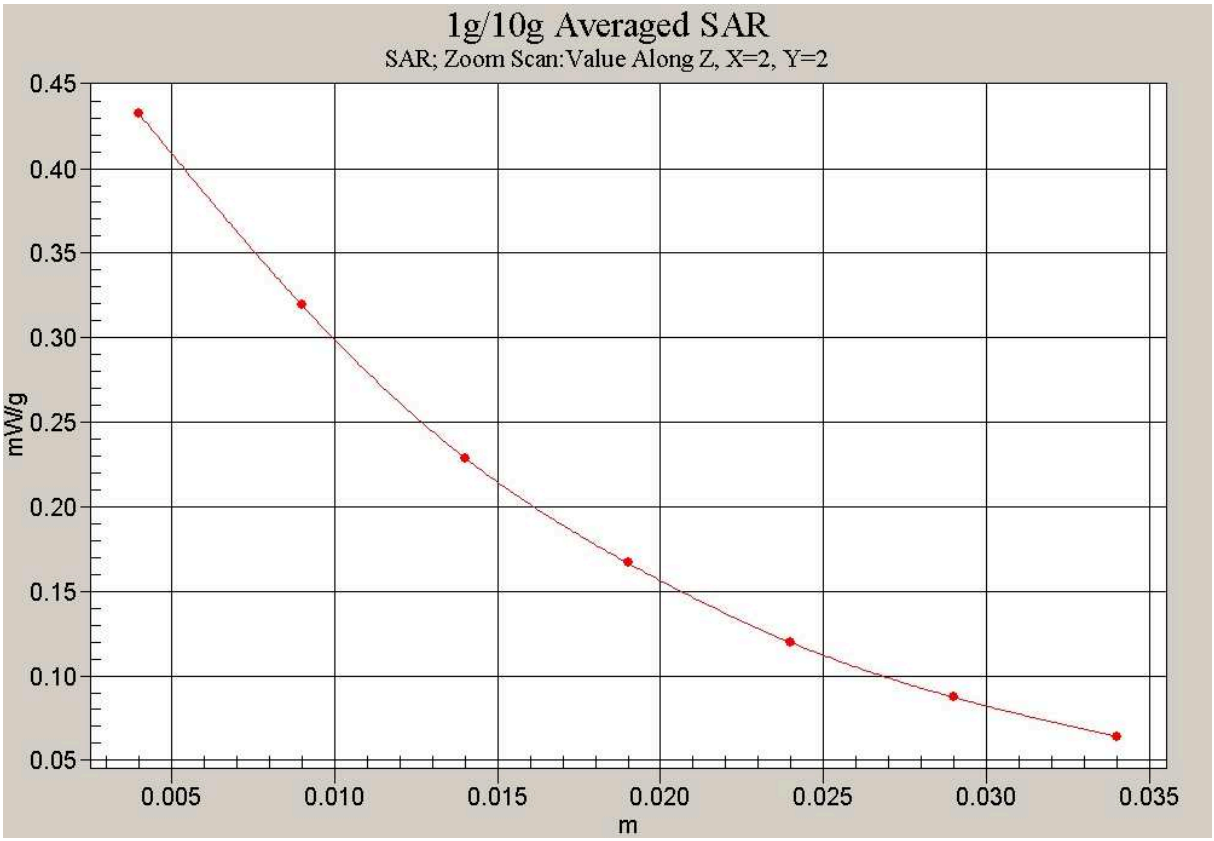


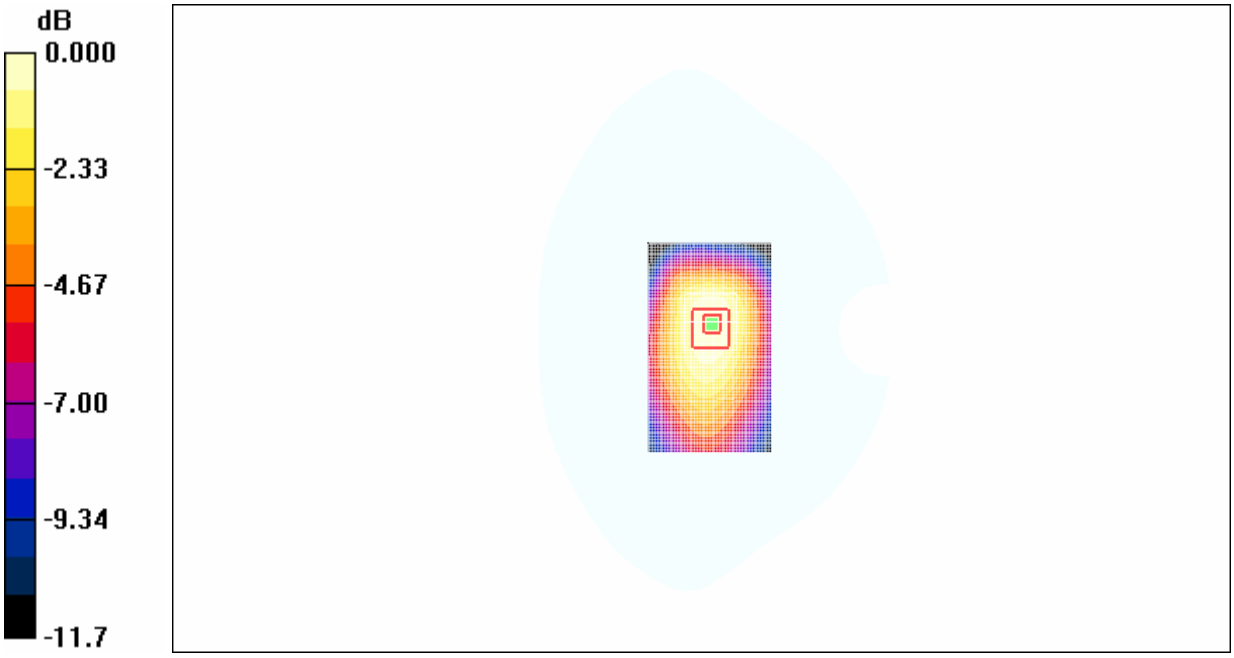
Fig. 44 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle with GPRS

Date/Time: 2007-1-16 16:40:35
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used (interpolated): σ = 1.00 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4
Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.315mW/g

Fig. 45 850 MHz CH190

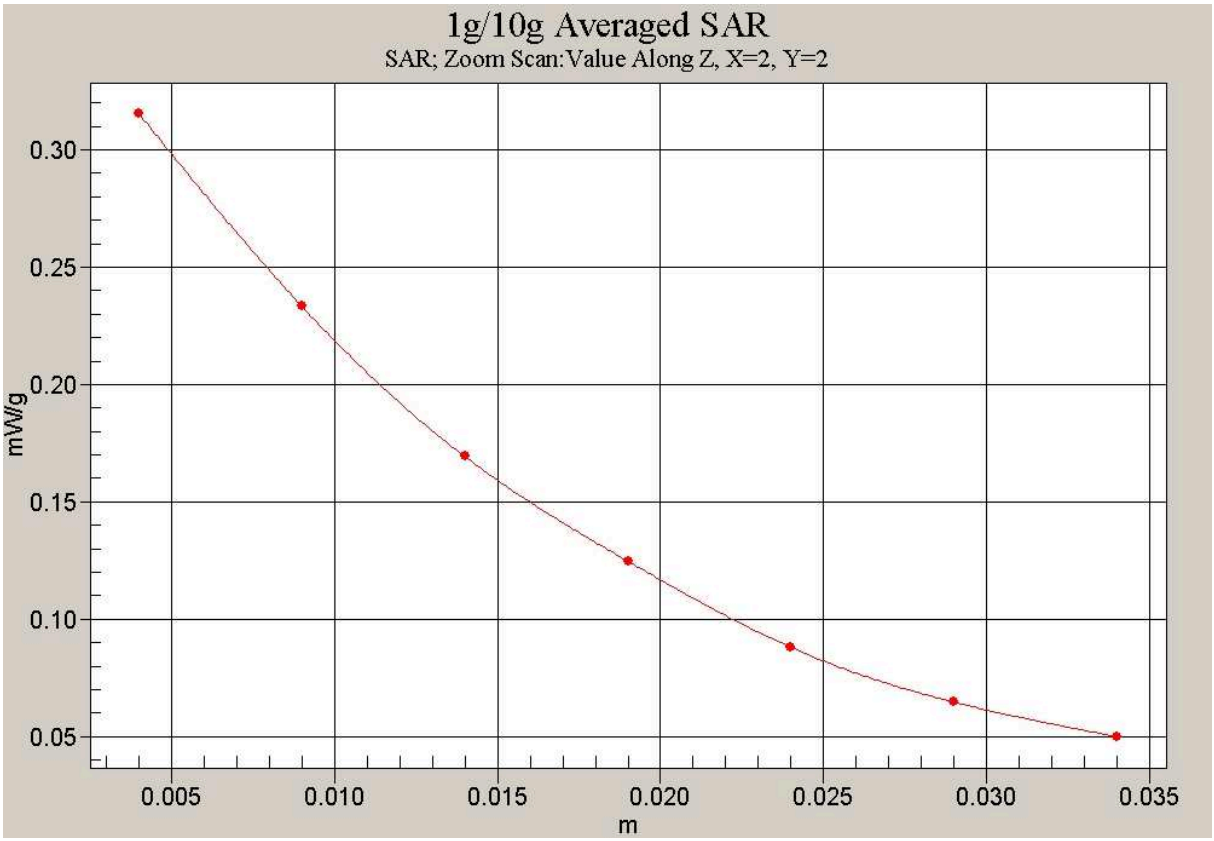


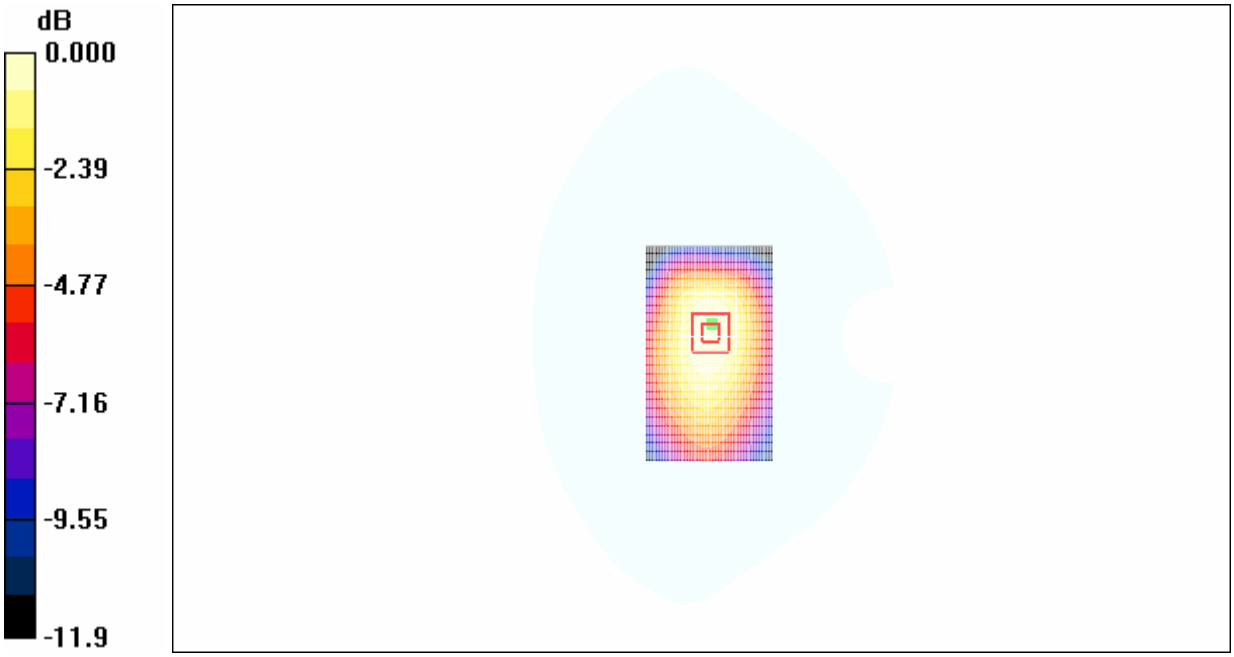
Fig. 46 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Low with GPRS

Date/Time: 2007-1-16 16:17:46
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used (interpolated): σ = 1.00 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Toward Ground Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = 0.058 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.177 mW/g
Maximum value of SAR (measured) = 0.261 mW/g



0 dB = 0.261mW/g

Fig. 47 850 MHz CH128

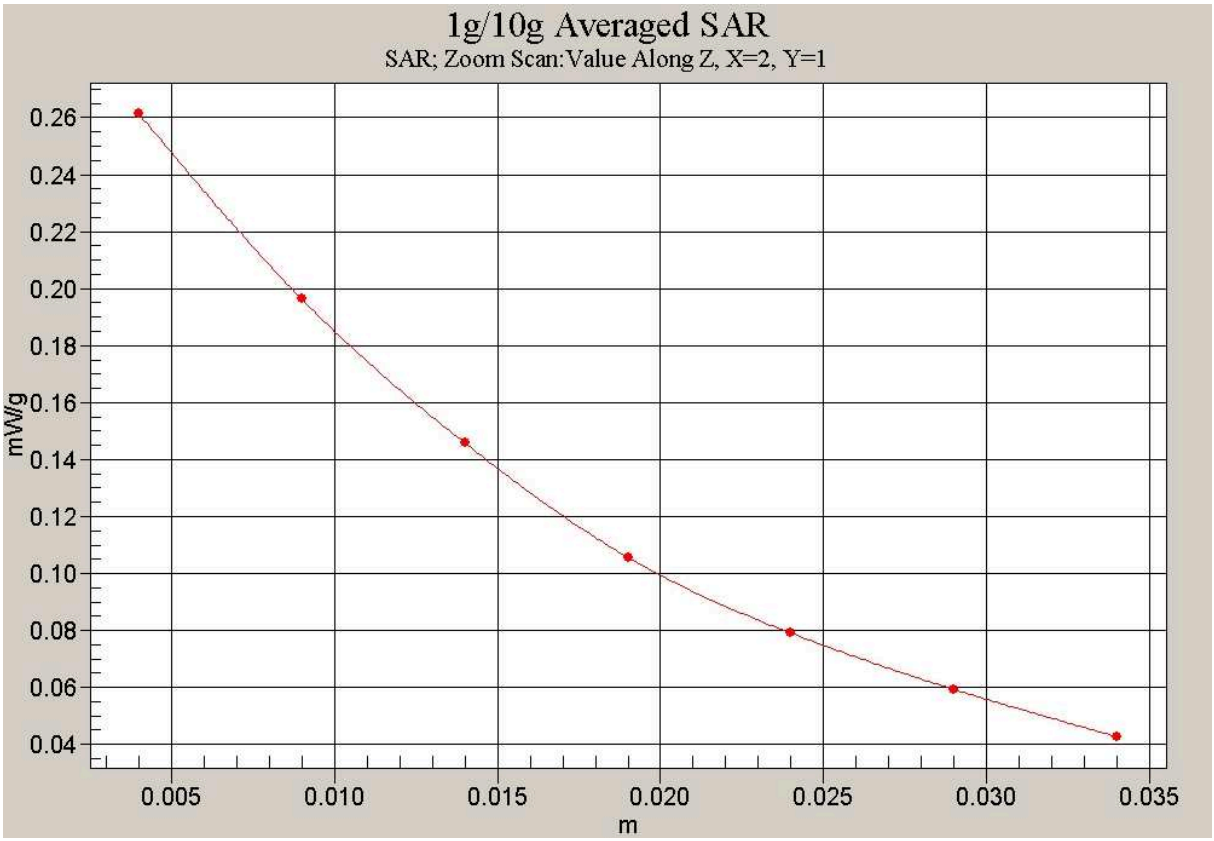
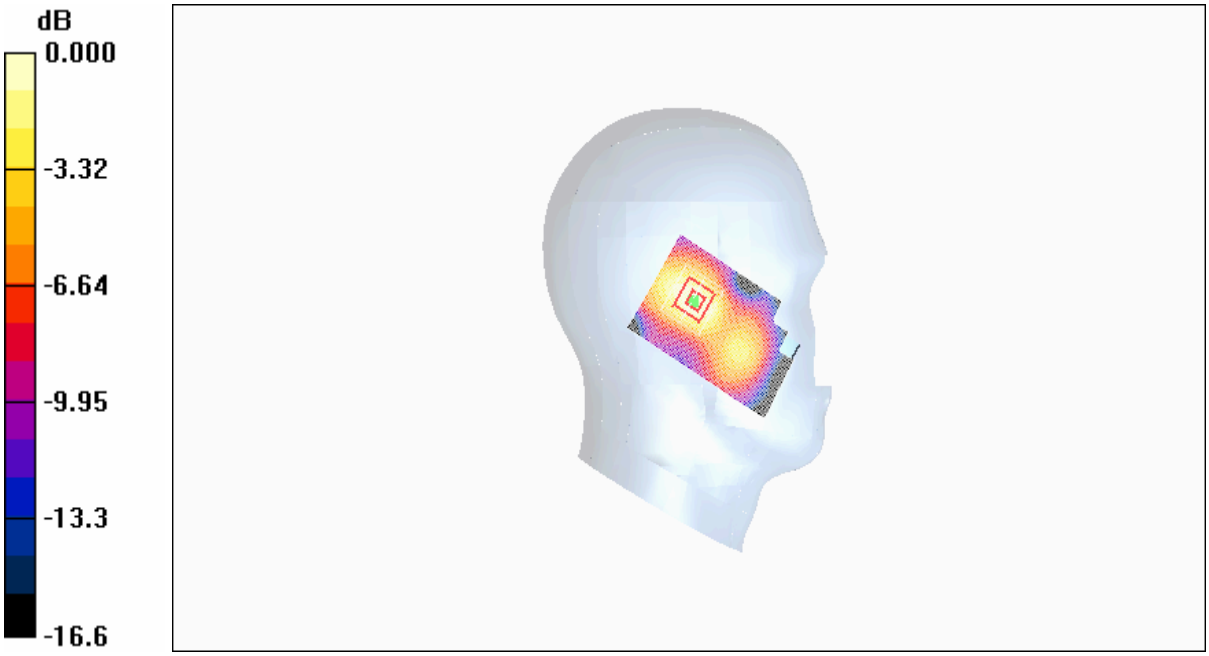


Fig. 48 Z-Scan at power reference point (850 MHz CH128)

1900 Left Cheek High
Date/Time: 2007-1-17 08:43:52
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: $\sigma = 1.45$ mho/m; $\varepsilon_r = 39.2$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.308 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.164 mW/g
Maximum value of SAR (measured) = 0.295 mW/g



0 dB = 0.295mW/g

Fig. 49 1900 MHz CH810

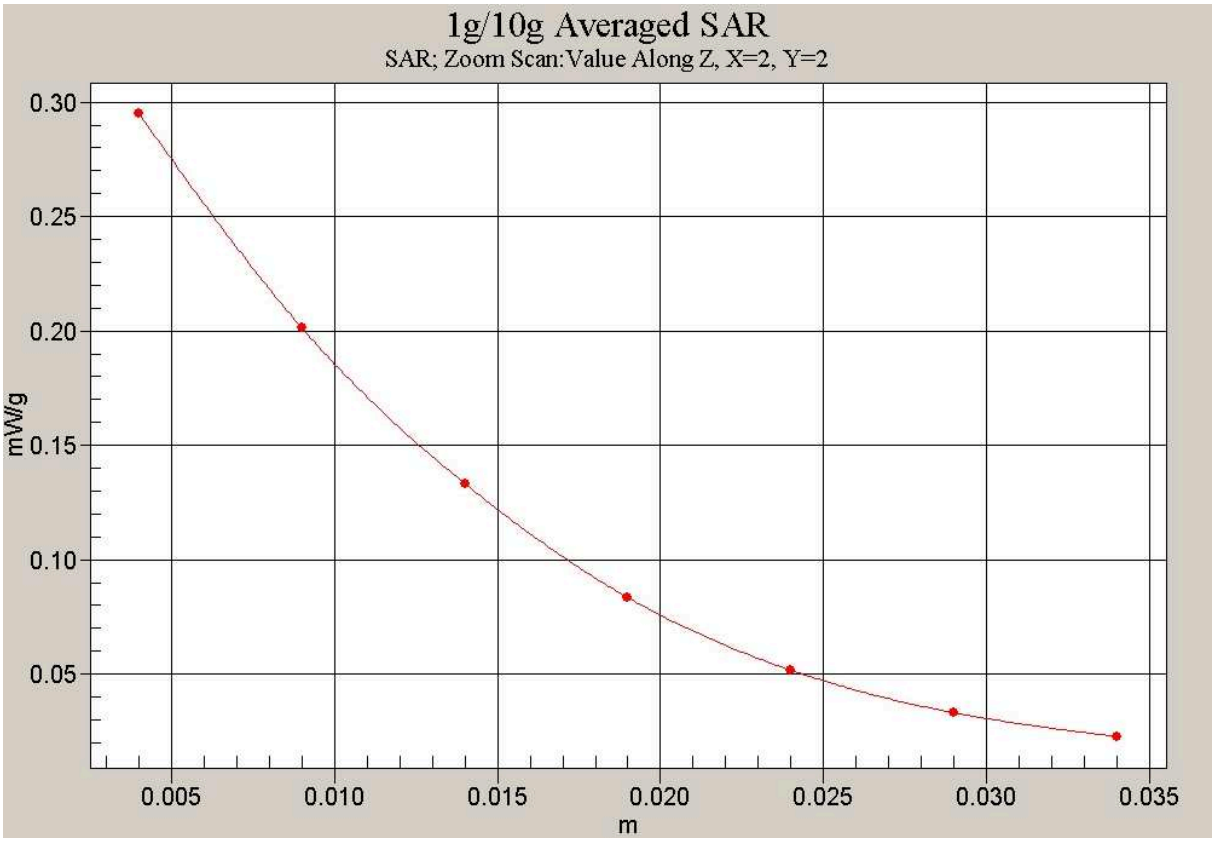
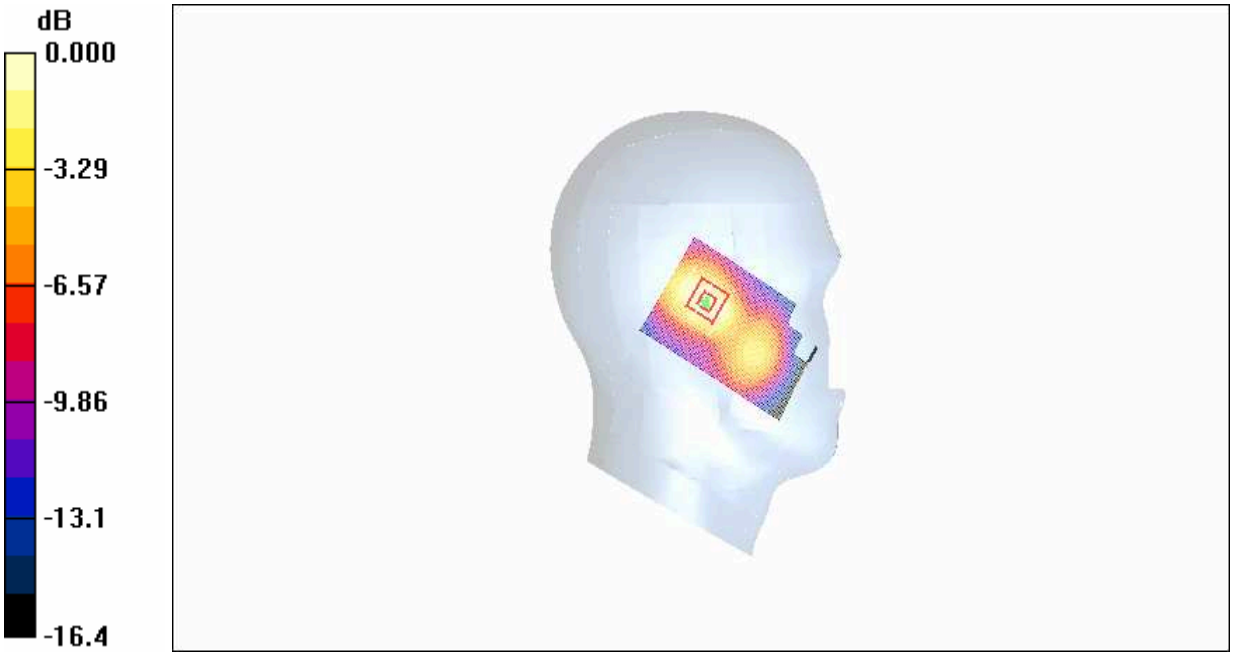


Fig. 50 Z-Scan at power reference point (1900 MHz CH810)

1900 Left Cheek Middle
Date/Time: 2007-1-17 08:57:52
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: $\sigma = 1.45$ mho/m; $\varepsilon_r = 39.2$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.250 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.229mW/g

Fig. 51 1900 MHz CH661

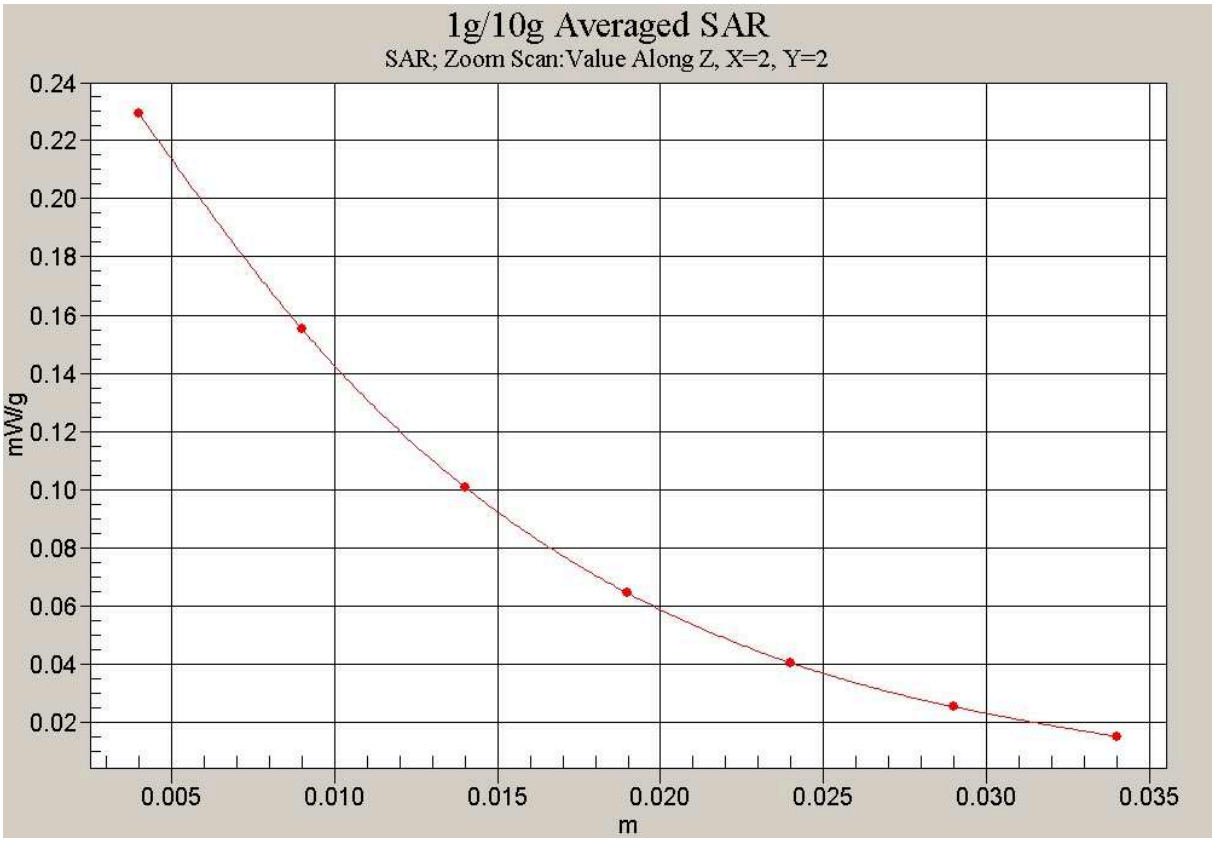
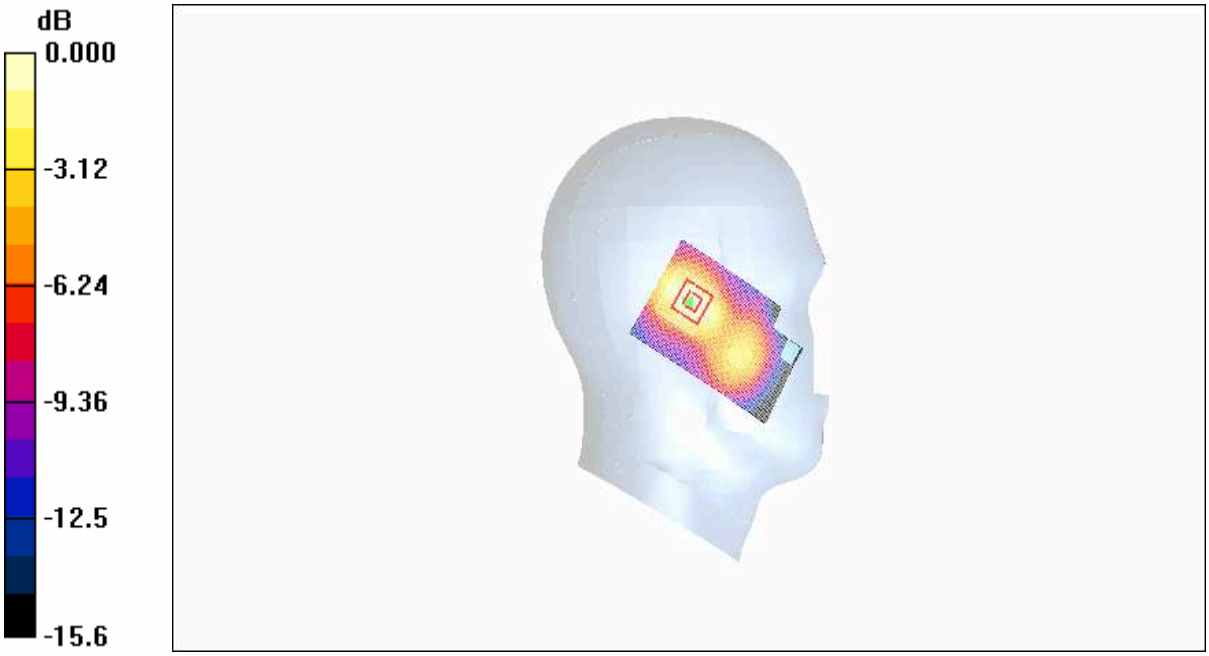


Fig. 52 Z-Scan at power reference point (1900 MHz CH661)

1900 Left Cheek Low
Date/Time: 2007-1-17 09:11:52
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: $\sigma = 1.45$ mho/m; $\varepsilon_r = 39.2$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.154 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.24 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.140 mW/g



0 dB = 0.140mW/g

Fig. 53 1900 MHz CH512

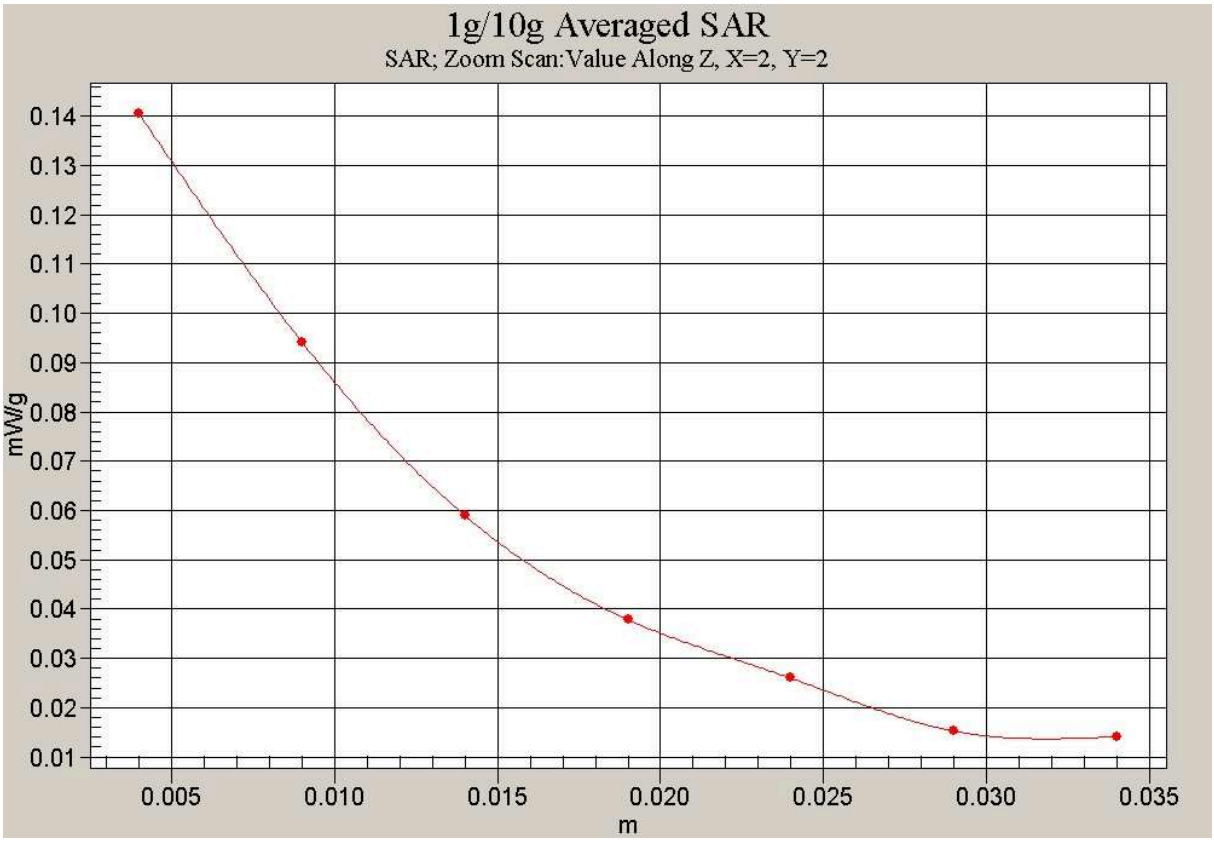


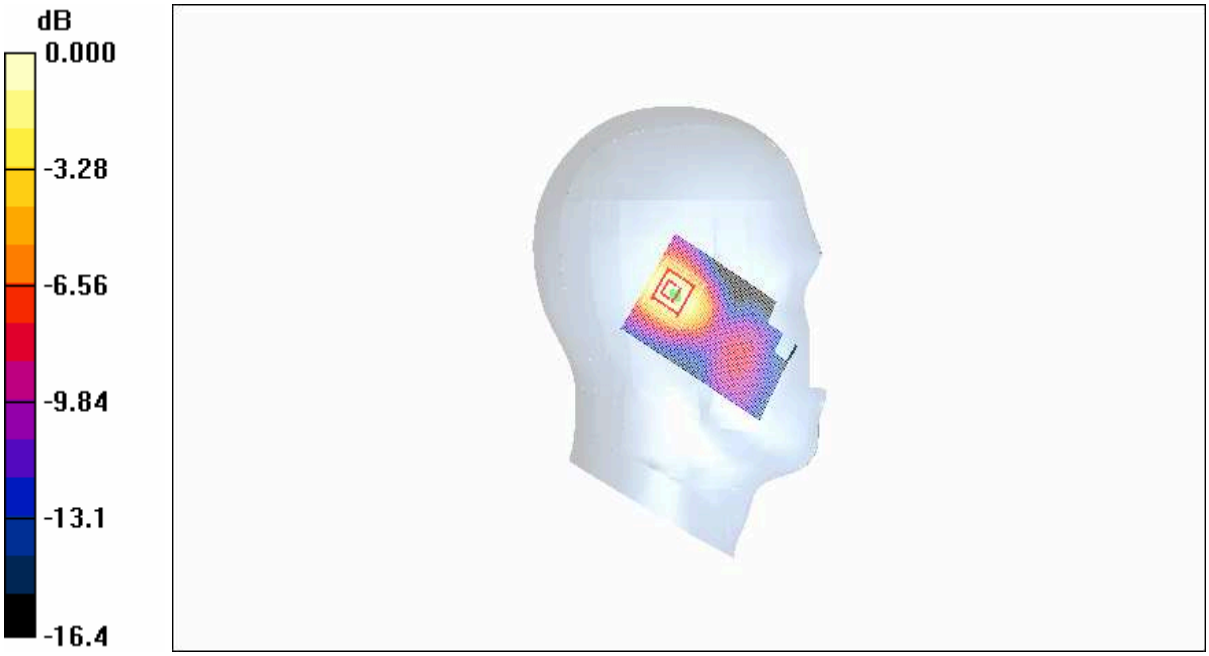
Fig. 54 Z-Scan at power reference point (1900 MHz CH512)

1900 Left Tilt High

Date/Time: 2007-1-17 09:59:54
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: σ = 1.45 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.316 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.292 mW/g



0 dB = 0.292mW/g

Fig.55 1900 MHz CH810

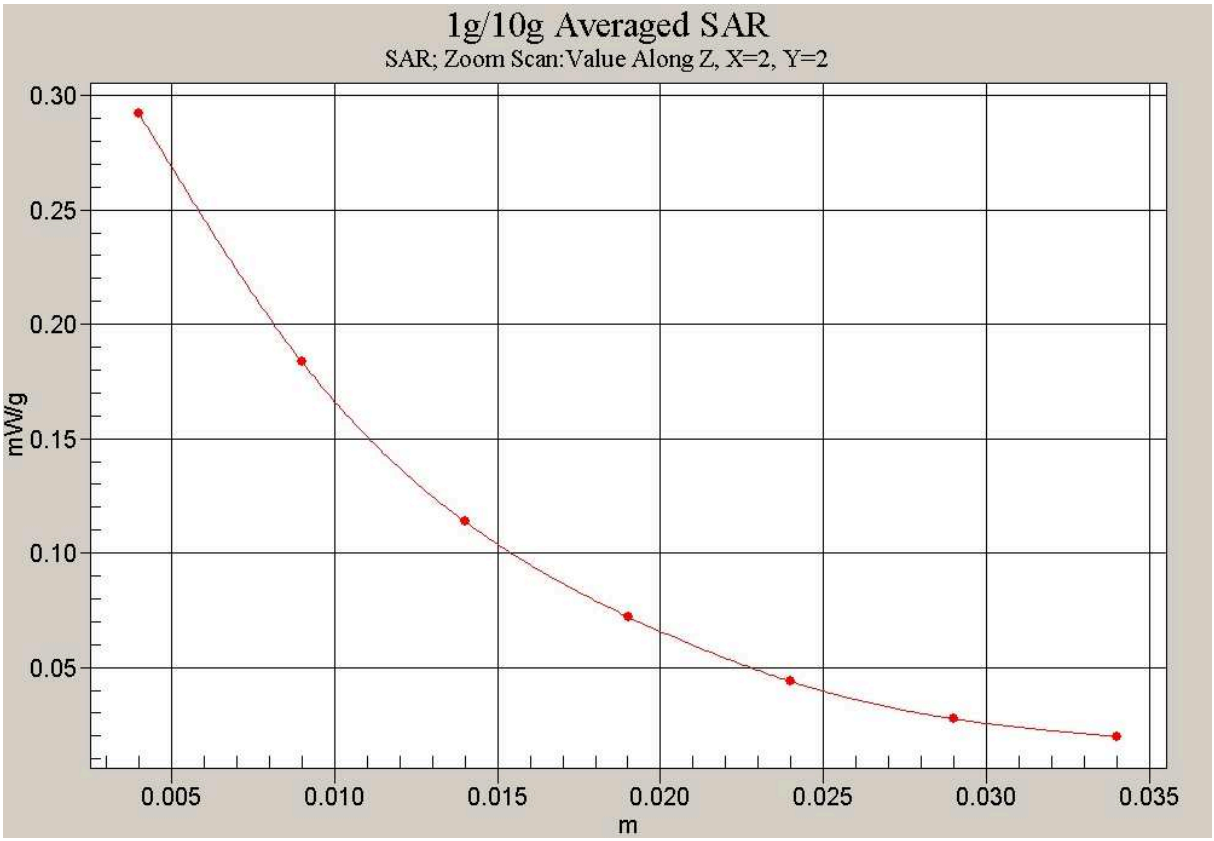
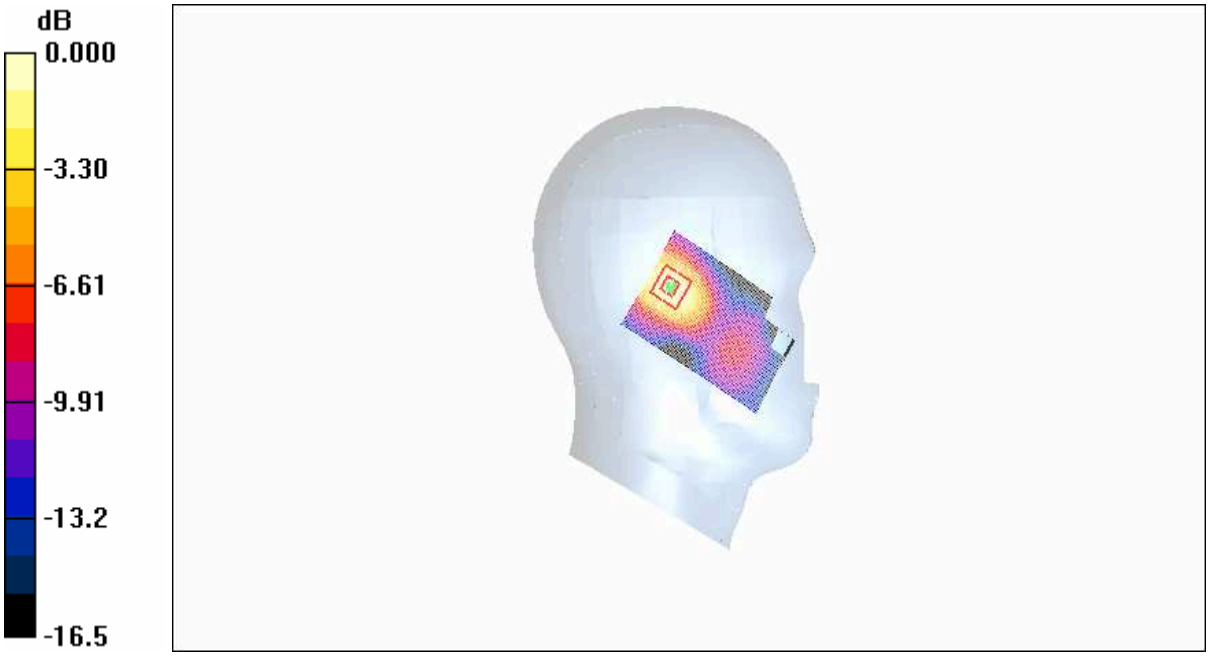


Fig. 56 Z-Scan at power reference point (1900 MHz CH810)

1900 Left Tilt Middle
Date/Time: 2007-1-17 09:44:31
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: σ = 1.45 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.239 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.225mW/g

Fig.57 1900 MHz CH661

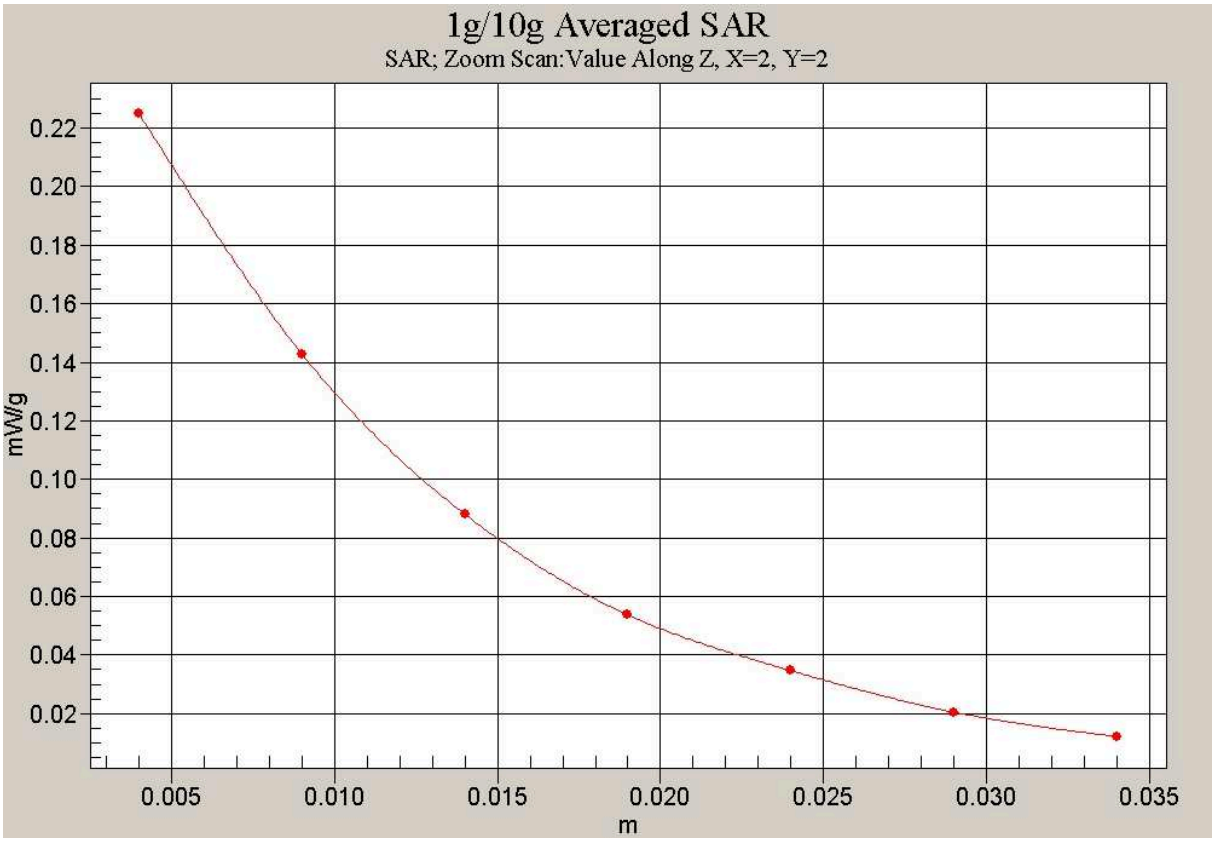


Fig. 58 Z-Scan at power reference point (1900 MHz CH661)

1900 Left Tilt Low
Date/Time: 2007-1-17 09:27:52
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: σ = 1.45 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.82 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.133 mW/g

0 dB = 0.133mW/g

Fig. 59 1900 MHz CH512

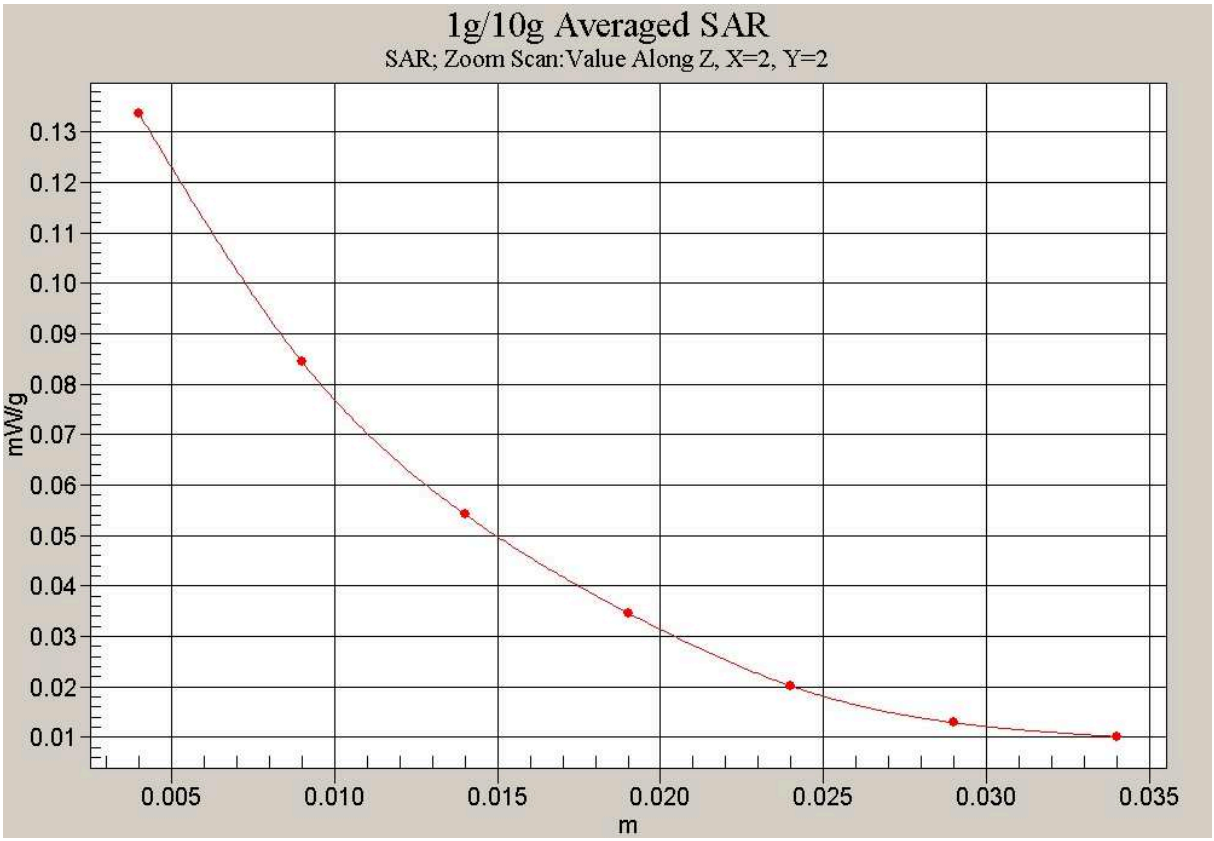
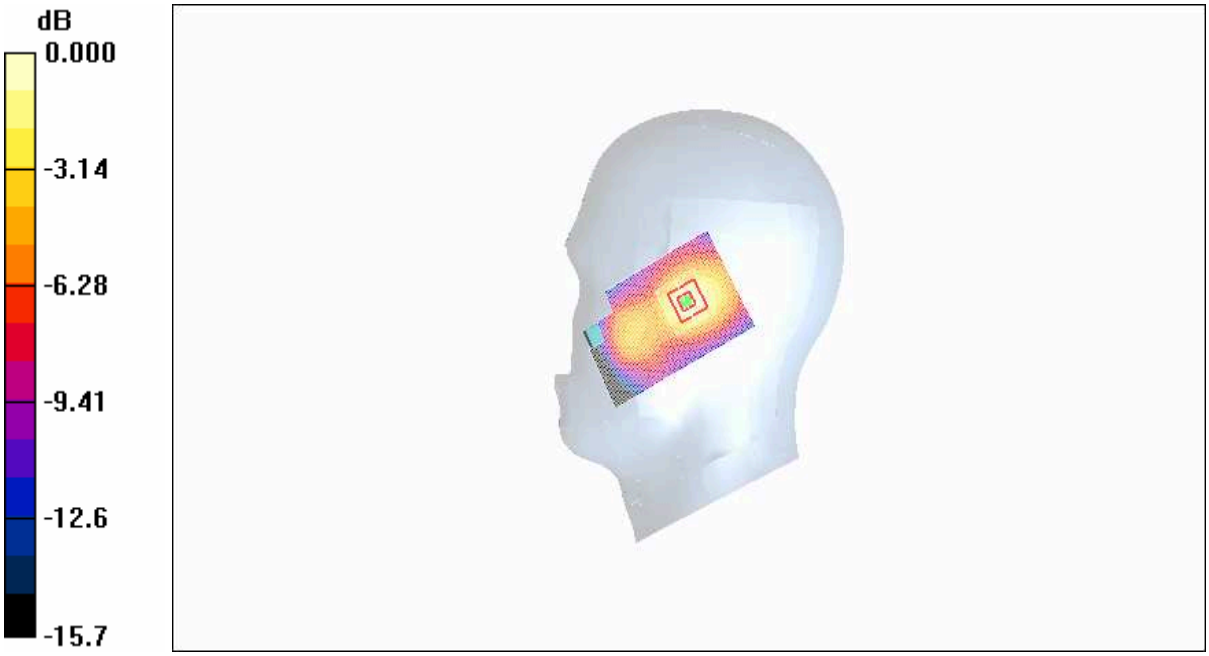


Fig. 60 Z-Scan at power reference point (1900 MHz CH512)

1900 Right Cheek High
Date/Time: 2007-1-17 10:08:50
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: σ = 1.45 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.292 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282mW/g

Fig. 61 1900 MHz CH810

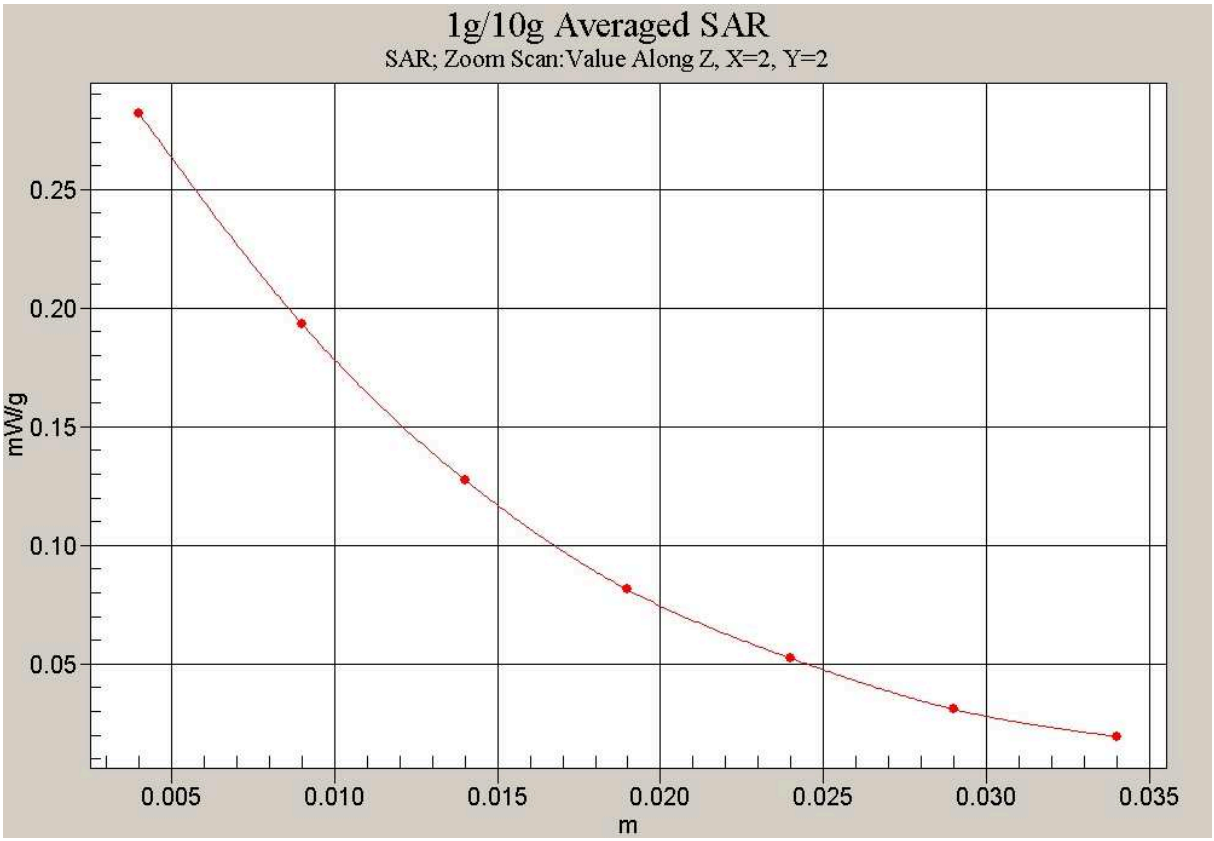
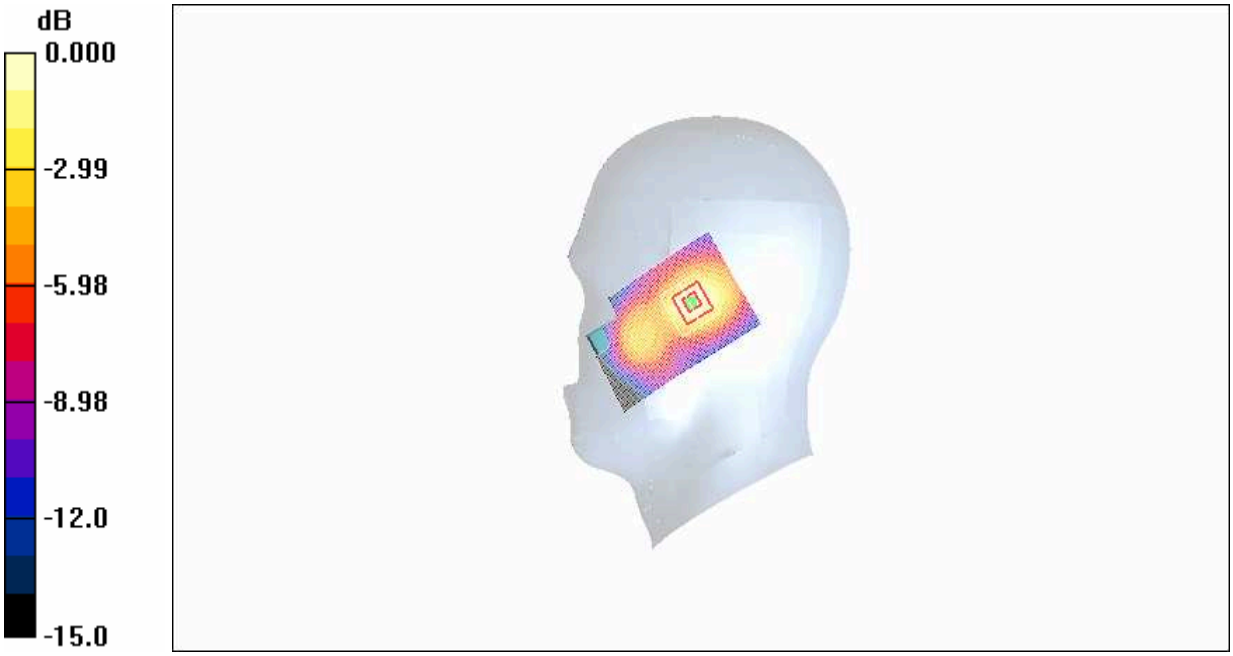


Fig. 62 Z-Scan at power reference point (1900 MHz CH810)

1900 Right Cheek Middle
Date/Time: 2007-1-17 10:25:49
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: $\sigma = 1.45$ mho/m; $\varepsilon_r = 39.2$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.225mW/g

Fig. 63 1900 MHz CH661

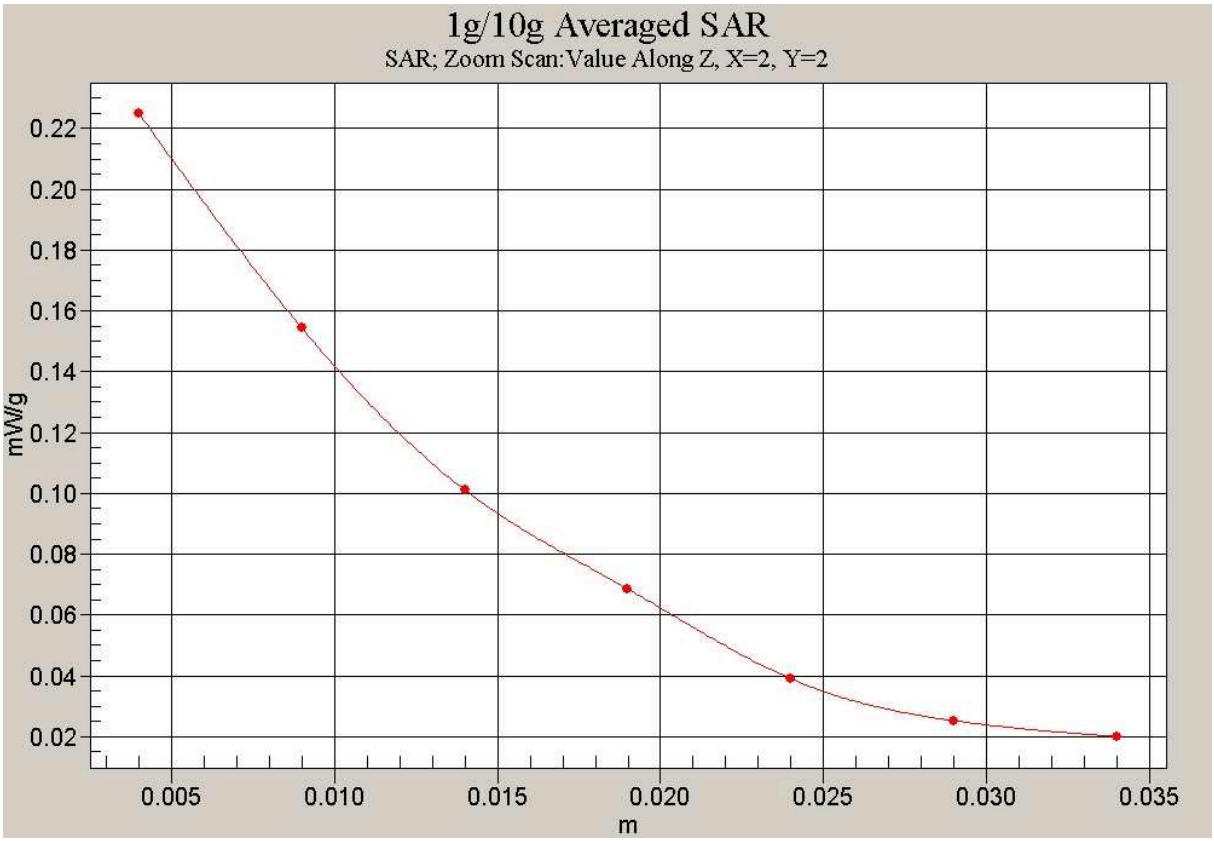
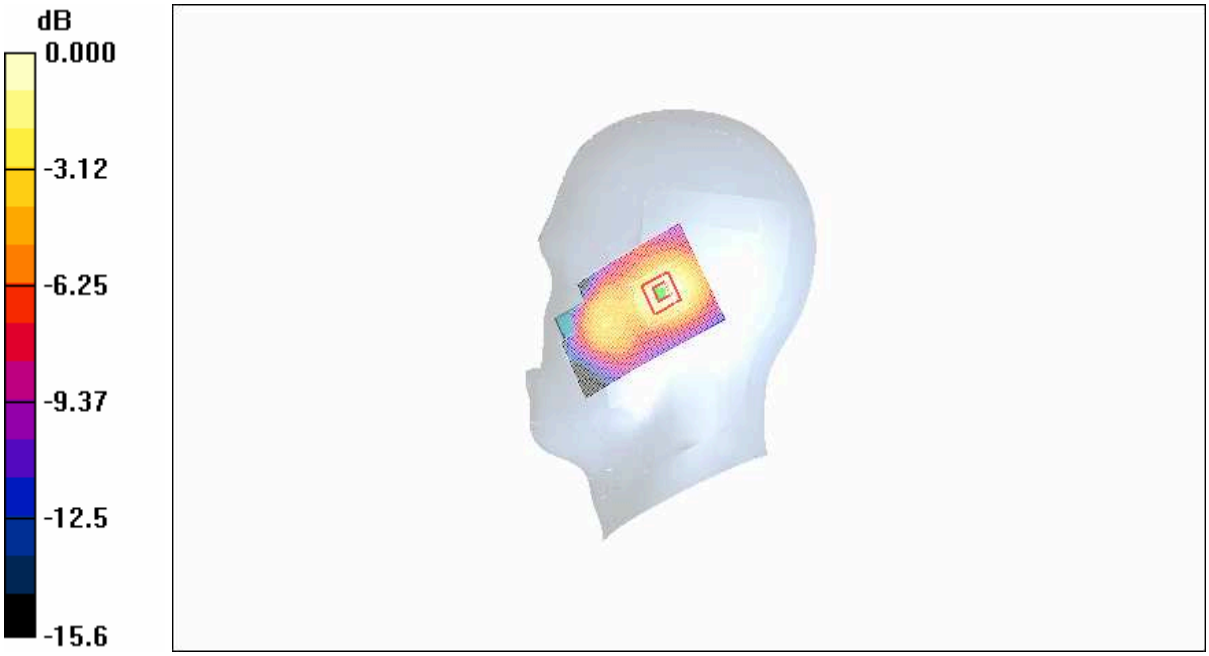


Fig. 64 Z-Scan at power reference point (1900 MHz CH661)

1900 Right Cheek Low
Date/Time: 2007-1-17 10:43:46
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: σ = 1.45 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.143 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.86 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.138 mW/g



0 dB = 0.138mW/g

Fig. 65 1900 MHz CH512

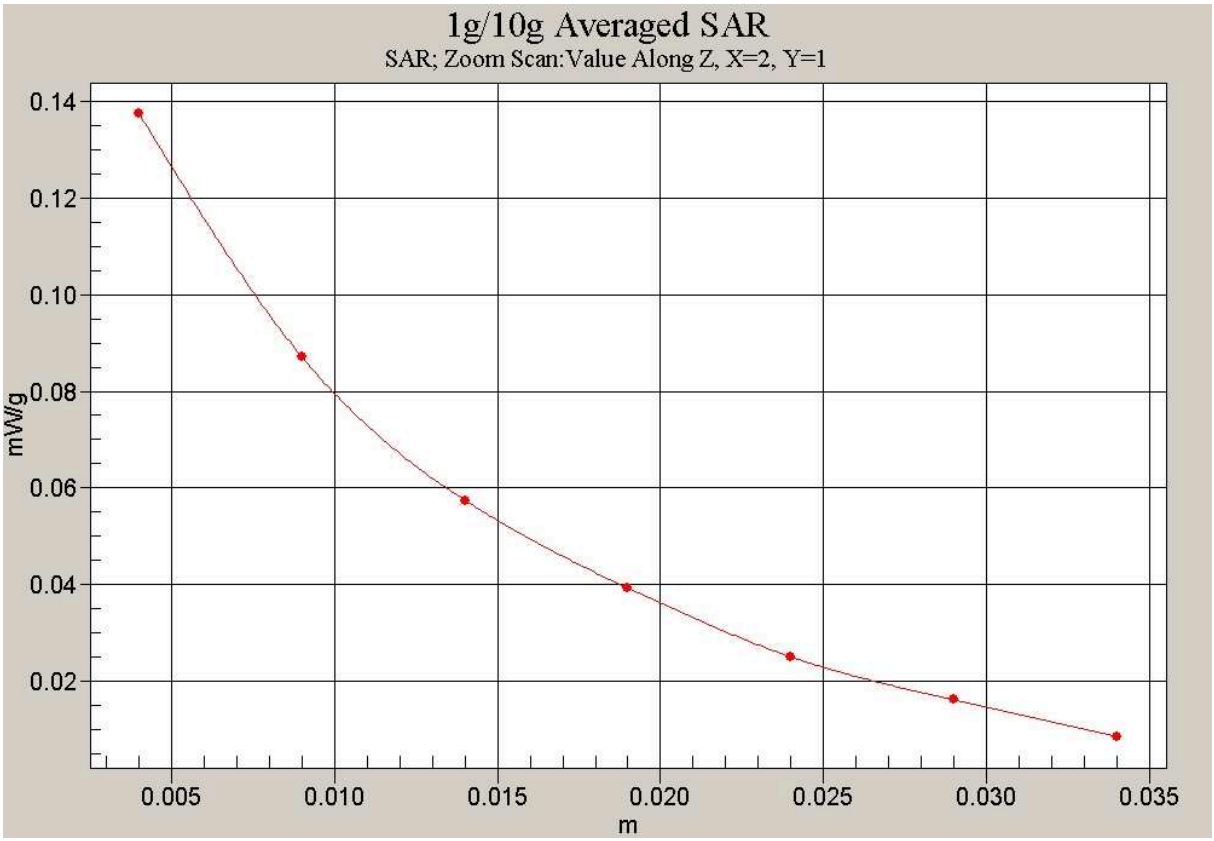
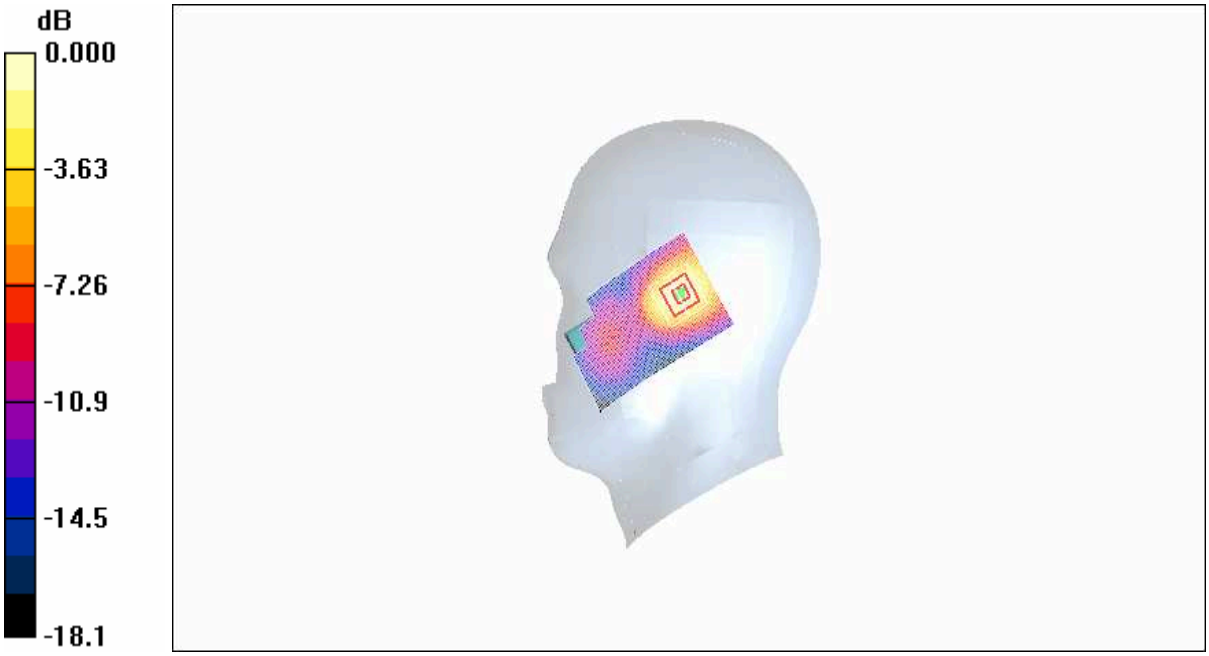


Fig. 66 Z-Scan at power reference point (1900 MHz CH512)

1900 Right Tilt High
Date/Time: 2007-1-16 11:39:21
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: σ = 1.45 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.332 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.183 dB
Peak SAR (extrapolated) = 0.472 W/kg
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.306 mW/g



0 dB = 0.306mW/g

Fig. 67 1900 MHz CH810

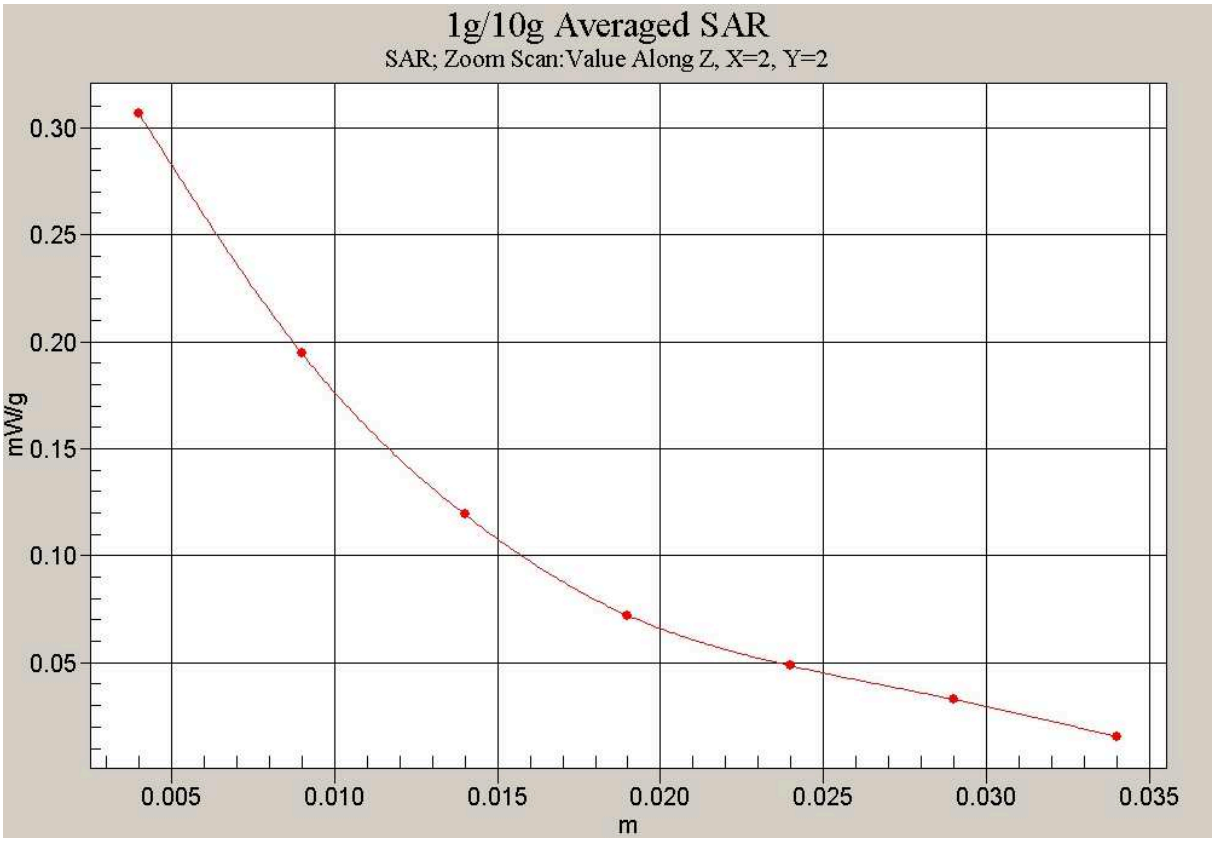
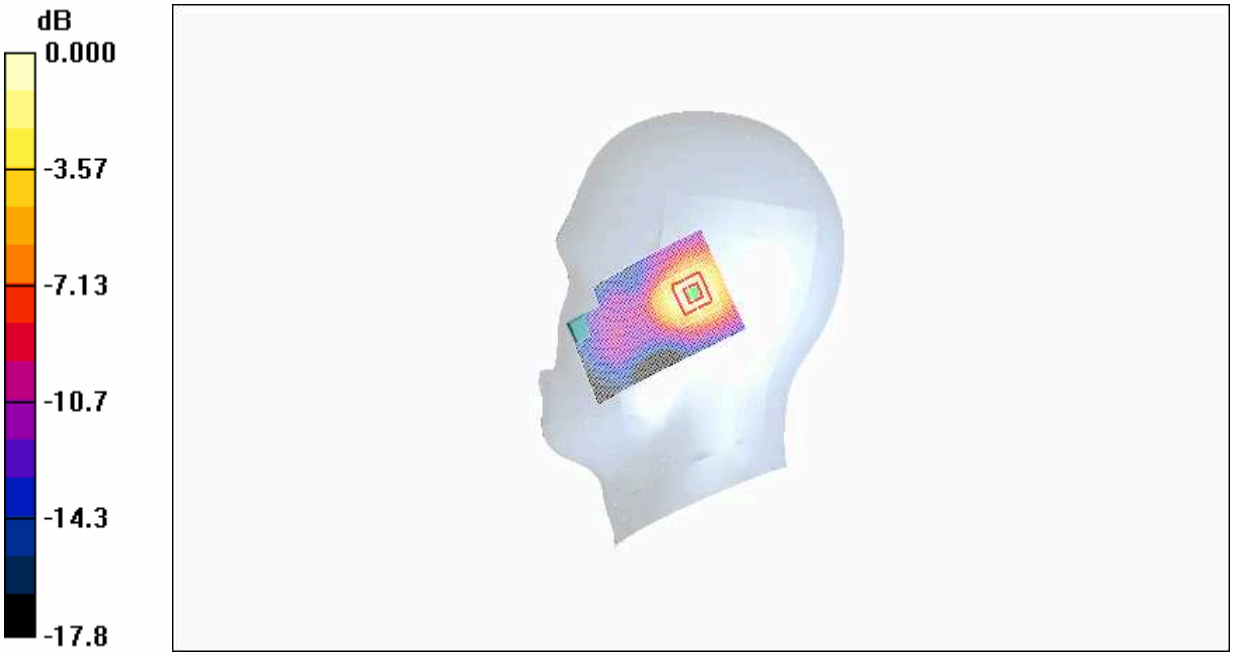


Fig. 68 Z-Scan at power reference point (1900 MHz CH810)

1900 Right Tilt Middle
Date/Time: 2007-1-17 11:18:46
Electronics: DAE3 Sn536
Medium: 1900 Head
Medium parameters used: σ = 1.45 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.323 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.304 mW/g



0 dB = 0.304mW/g

Fig.69 1900 MHz CH661