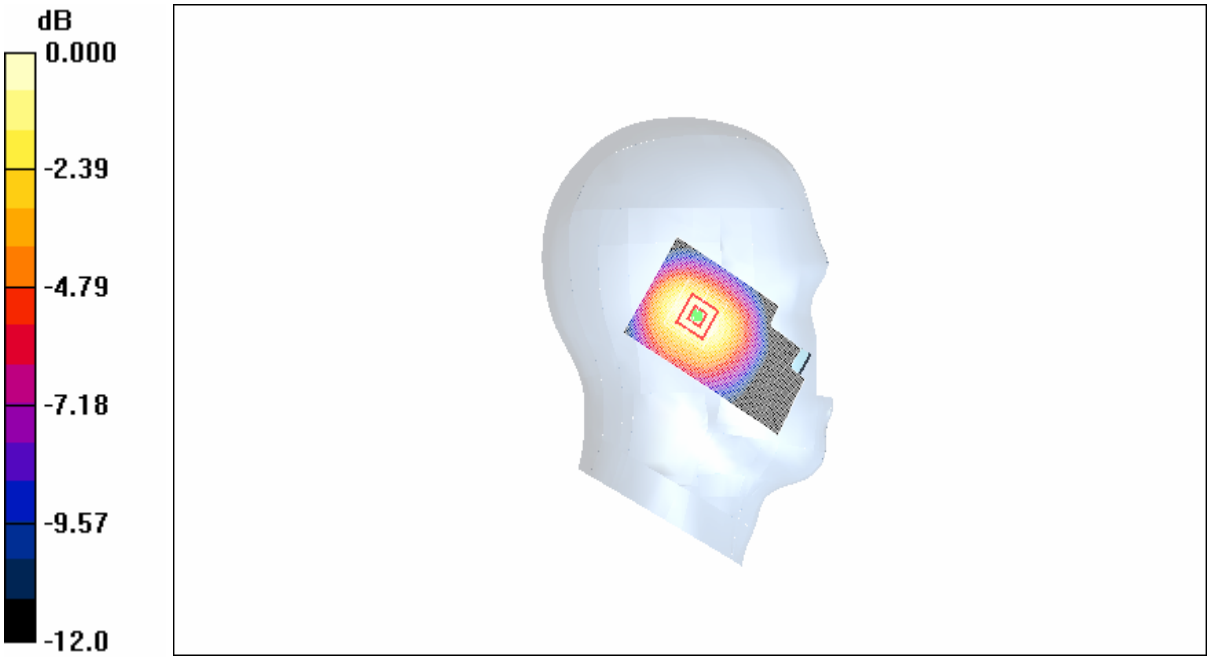
ANNEX C: GRAPH RESULTS

850 Left Cheek High

Date/Time: 2007-2-6 8:50:22
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Cheek High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 0.247 W/kg
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192mW/g

Fig. 1 850MHz CH251

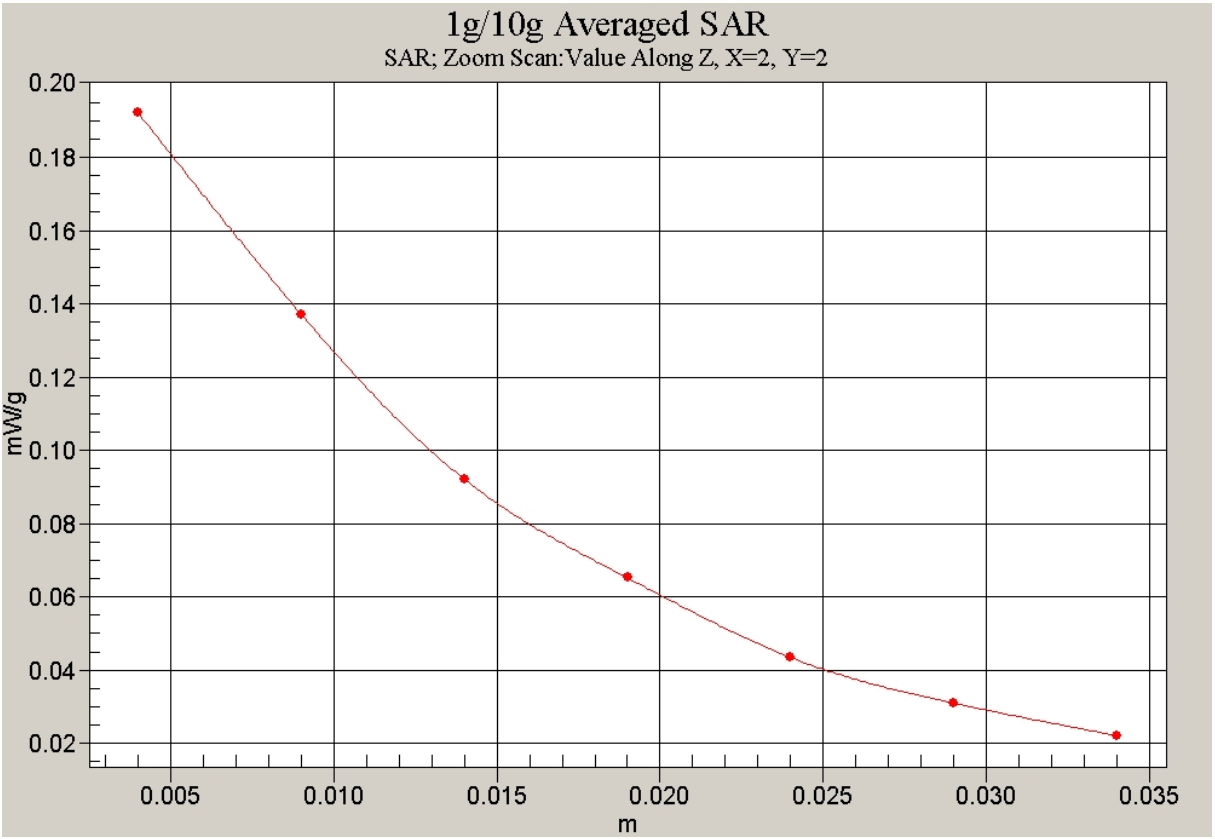
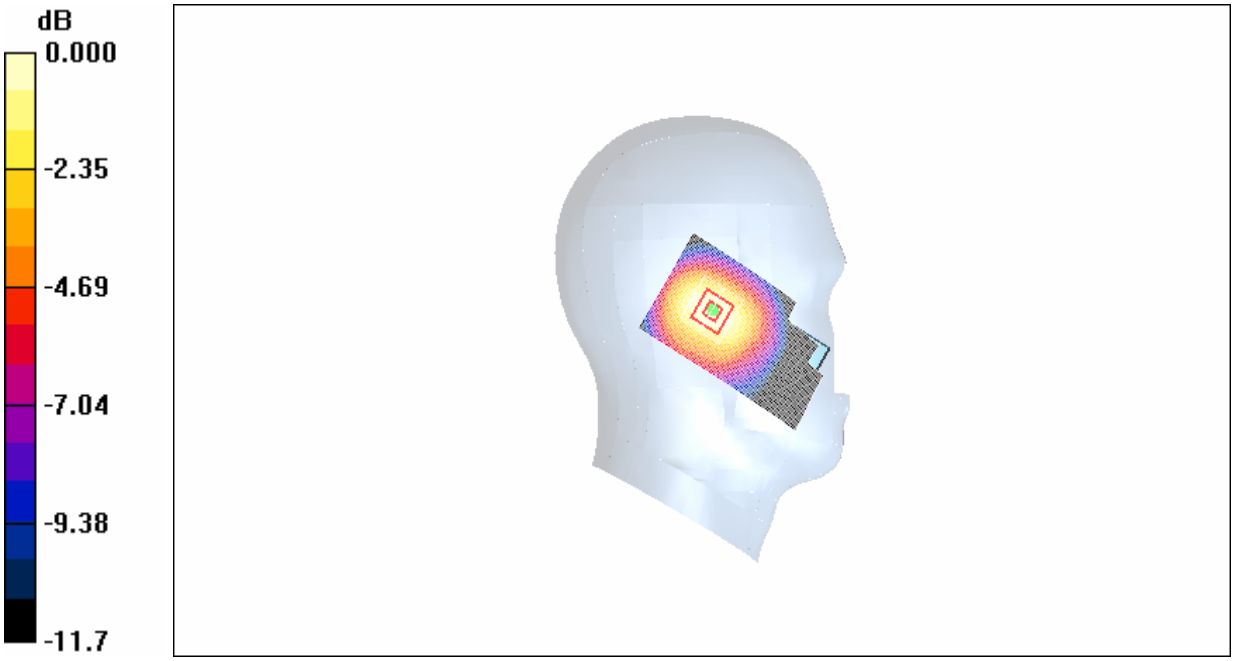


Fig. 2 Z-Scan at power reference point (850 MHz CH251)

850 Left Cheek Middle
Date/Time: 2007-2-6 9:04:11
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Cheek Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.232 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.226mW/g

Fig. 3 850 MHz CH190

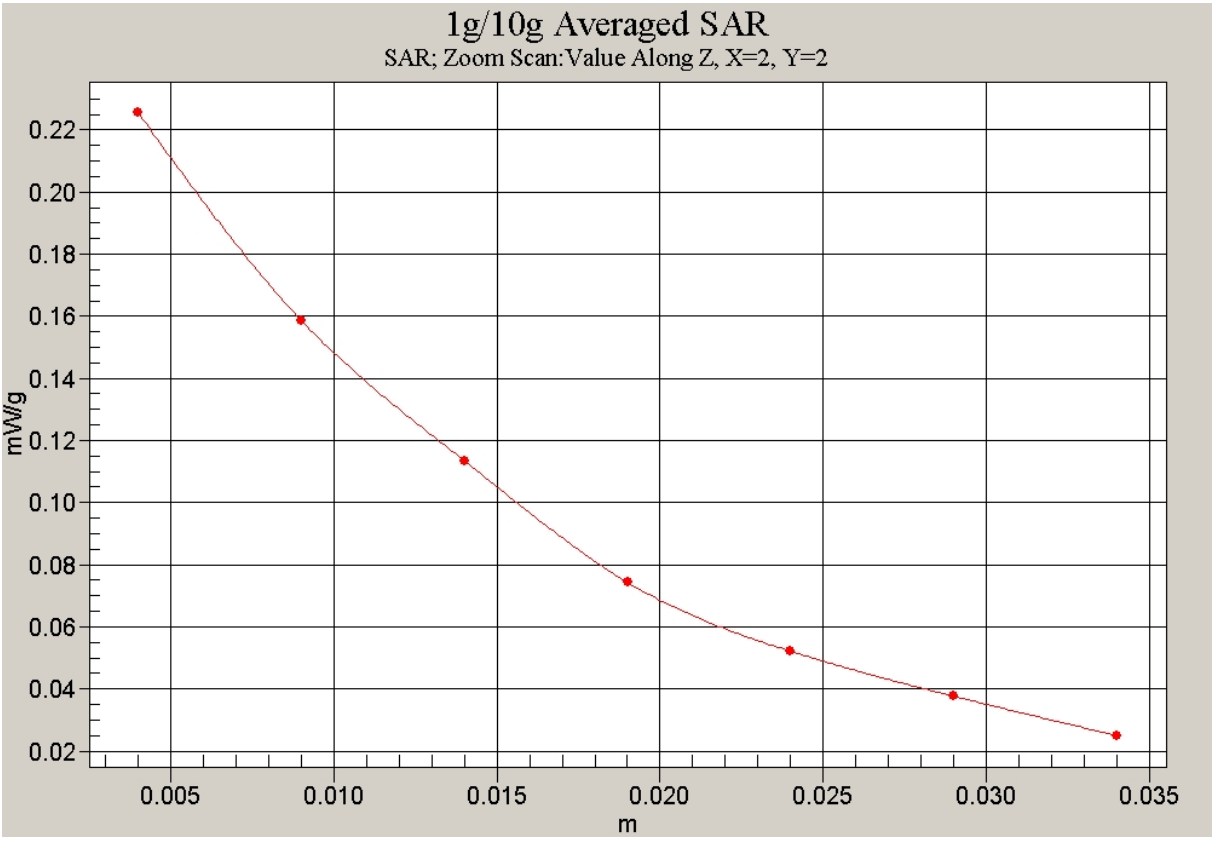


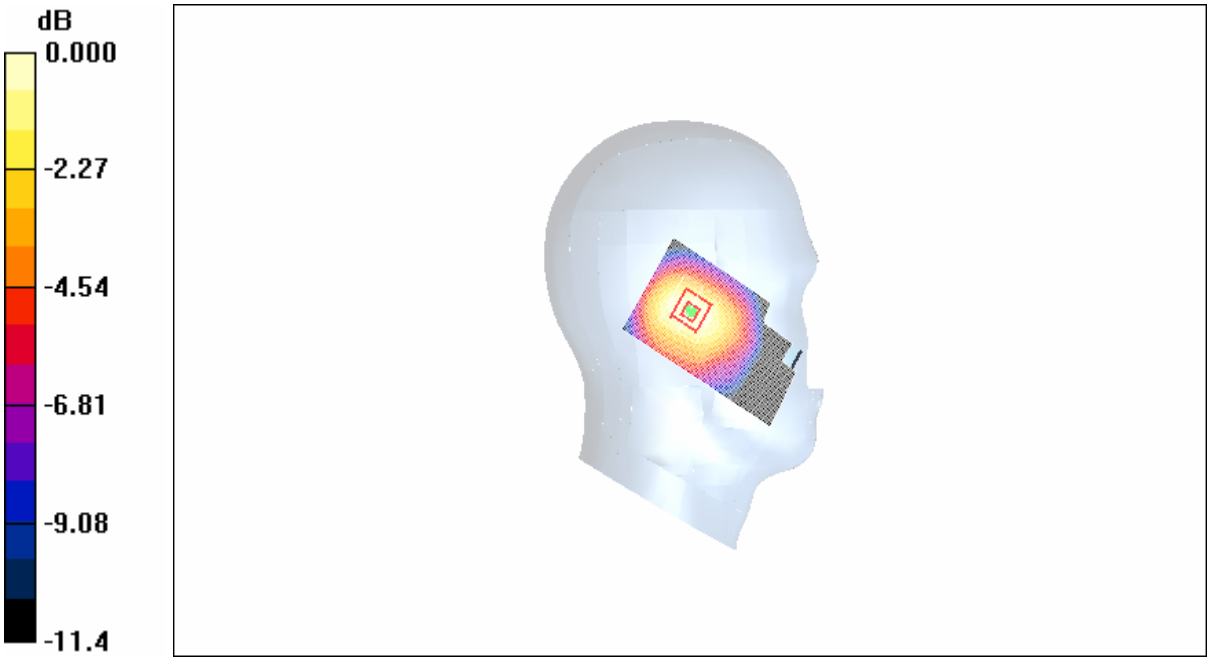
Fig. 4 Z-Scan at power reference point (850 MHz CH190)

850 Left Cheek Low

Date/Time: 2007-2-6 9:17:05
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Cheek Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

Fig. 5 850 MHz CH128

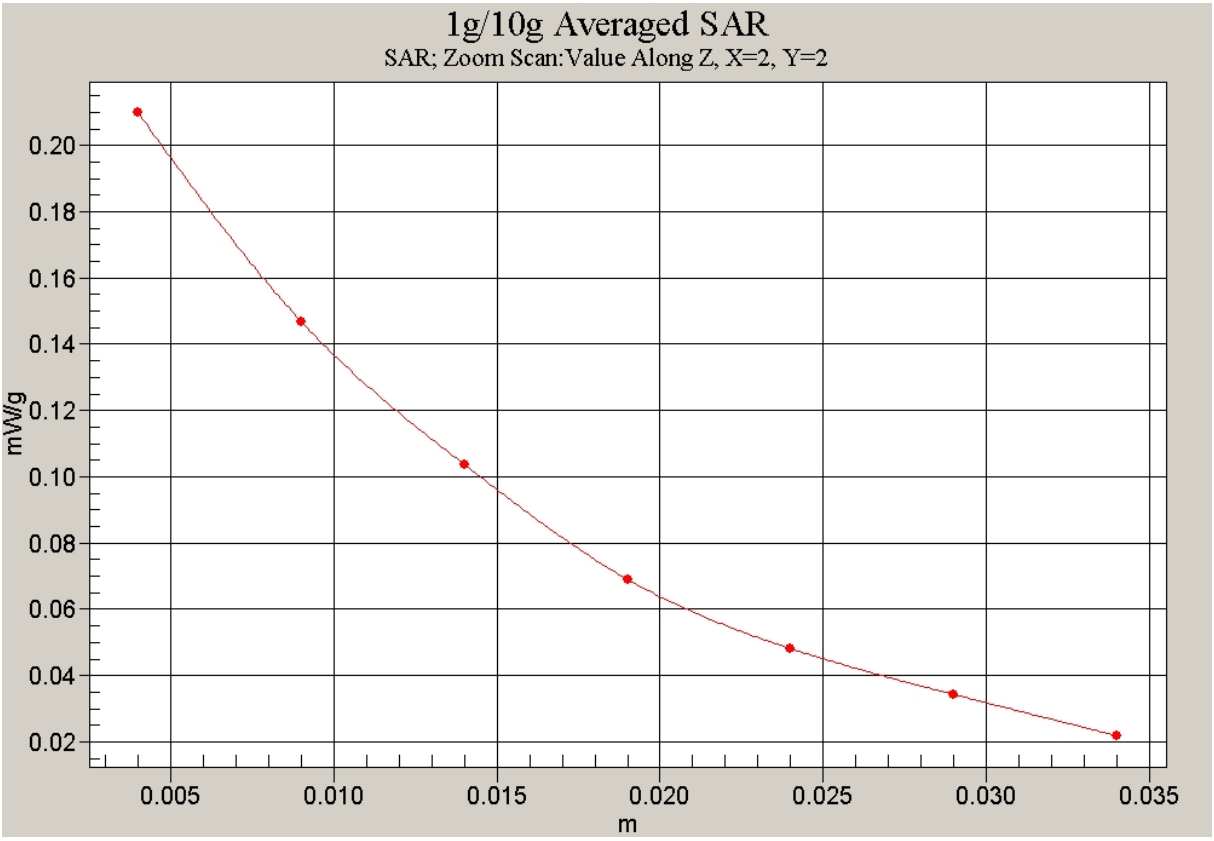


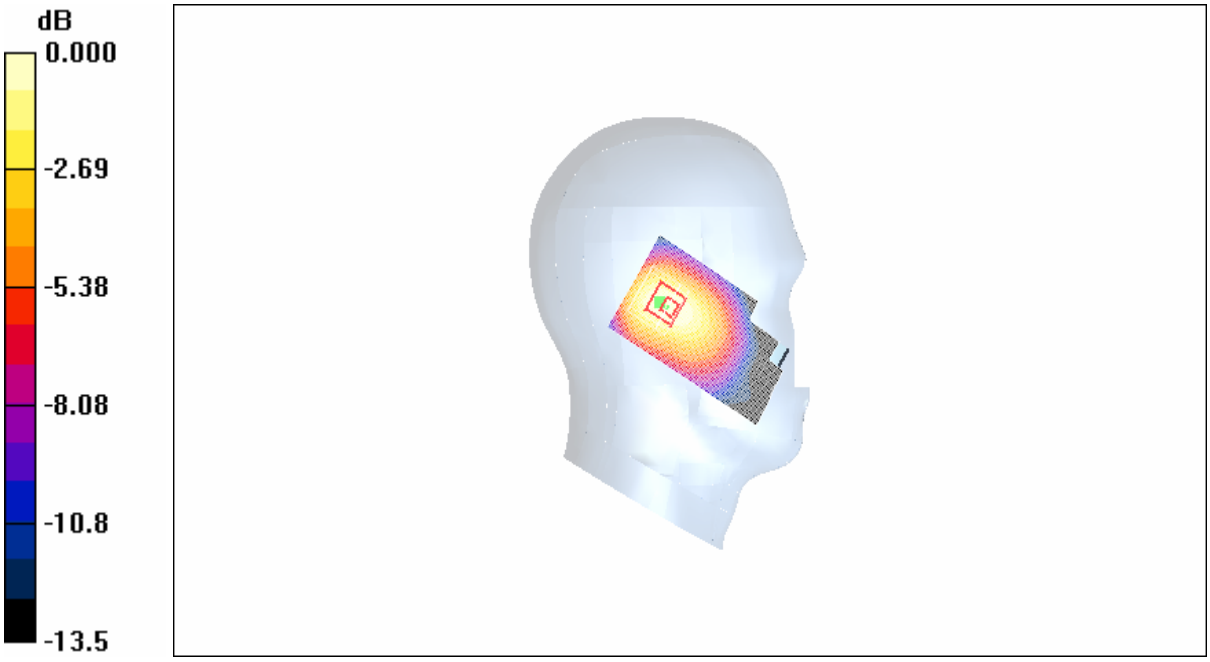
Fig. 6 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt High

Date/Time: 2007-2-6 10:12:50
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.110 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.107mW/g

Fig.7 850 MHz CH251

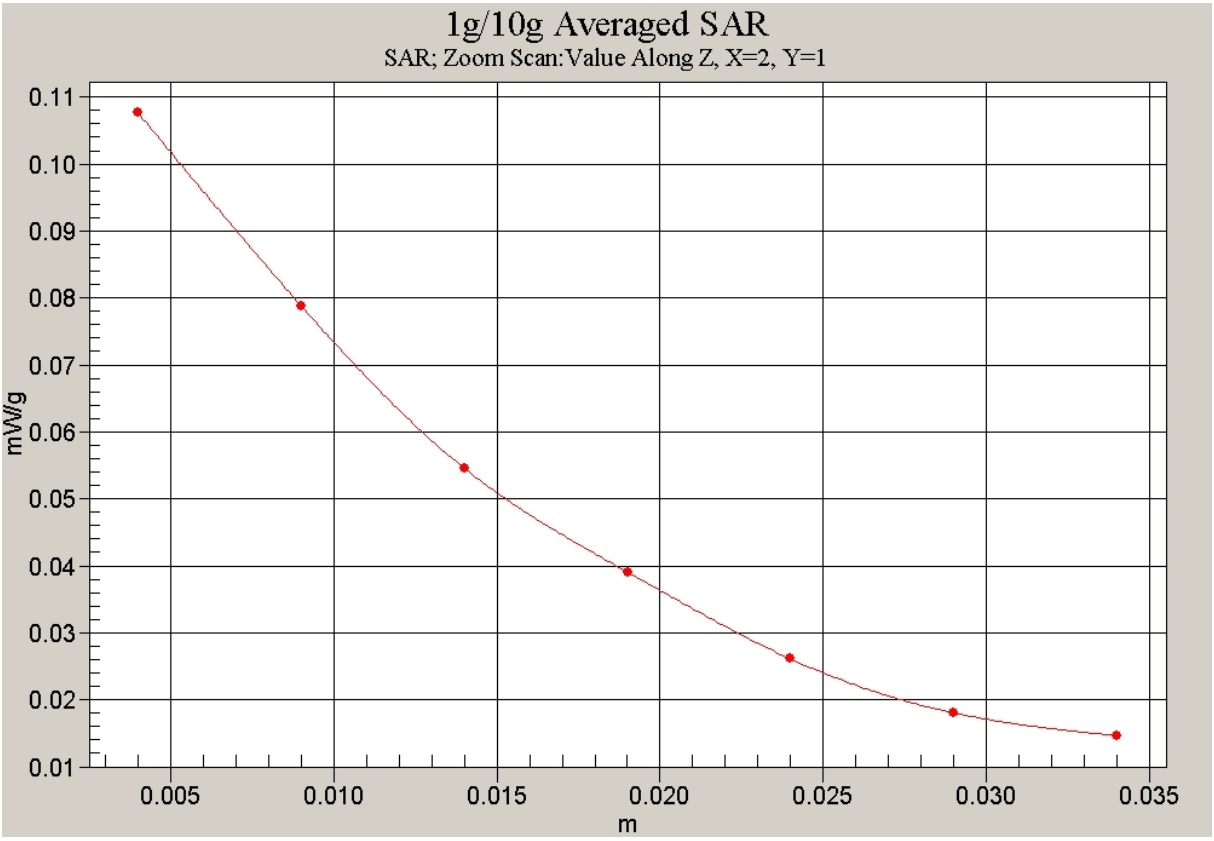


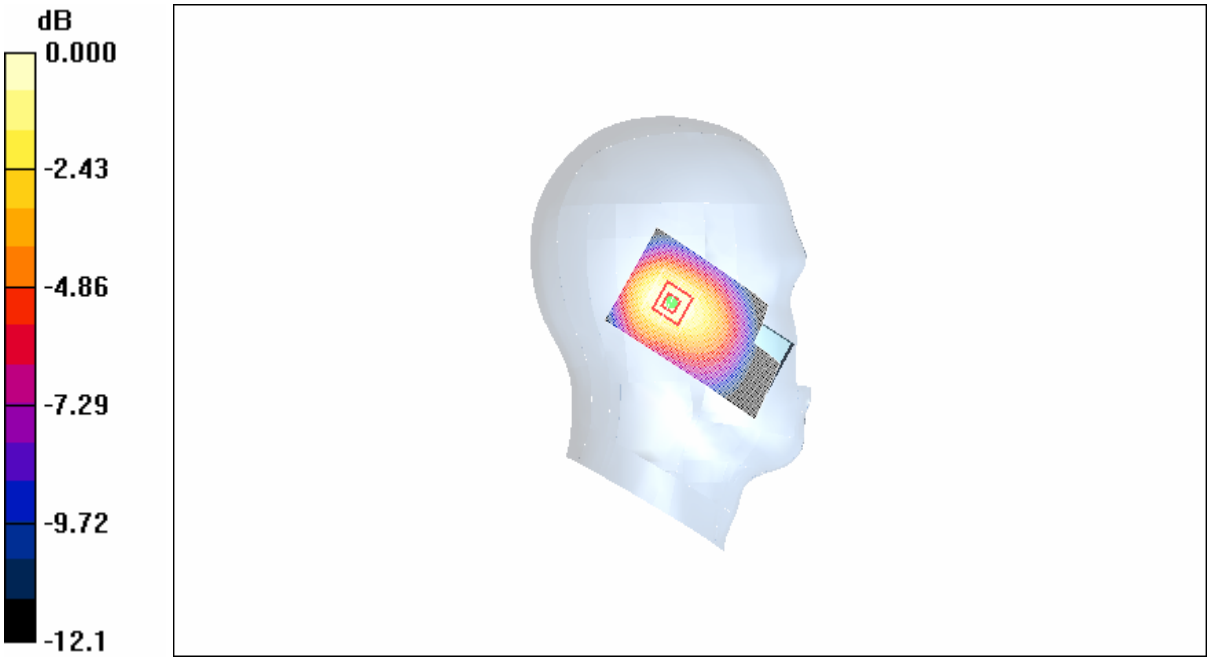
Fig. 8 Z-Scan at power reference point (850 MHz CH251)

850 Left Tilt Middle

Date/Time: 2007-2-6 10:00:22
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.143 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.141 mW/g



0 dB = 0.141mW/g

Fig.9 850 MHz CH190

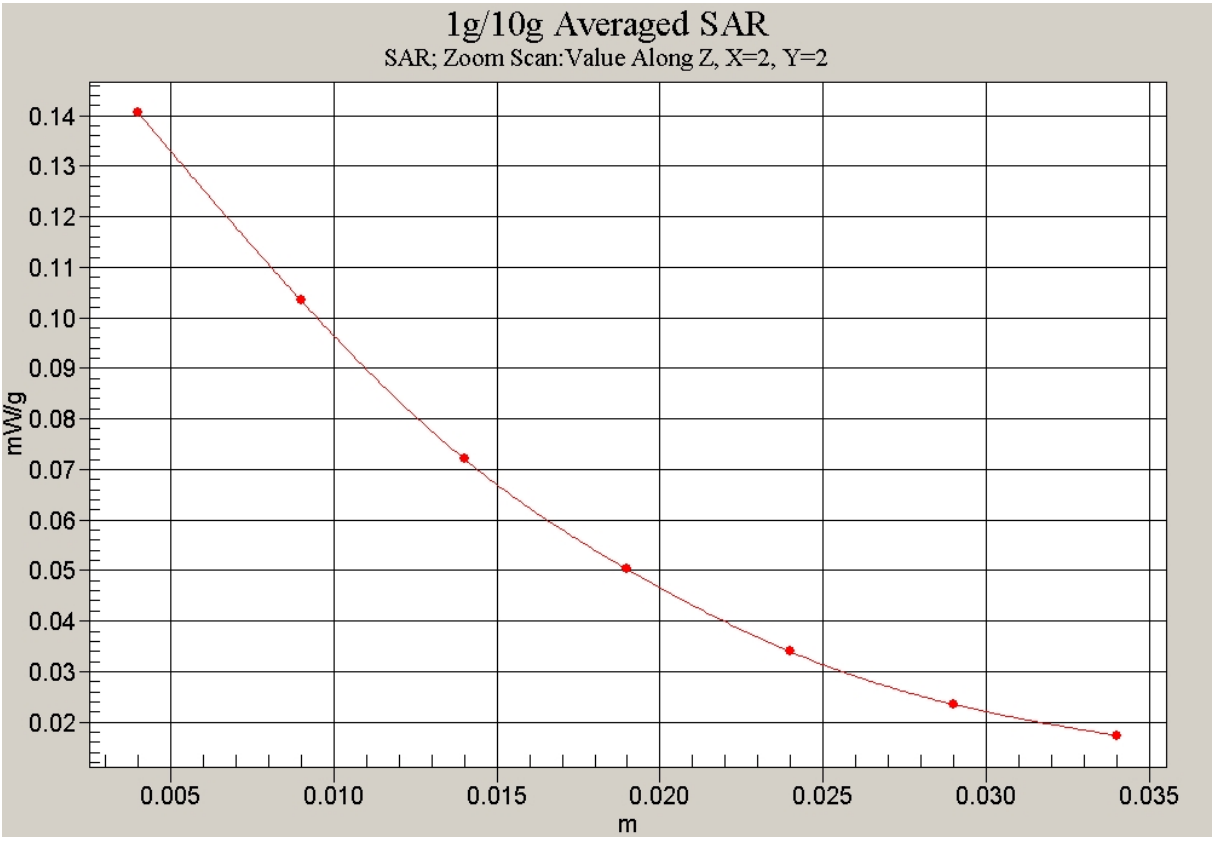
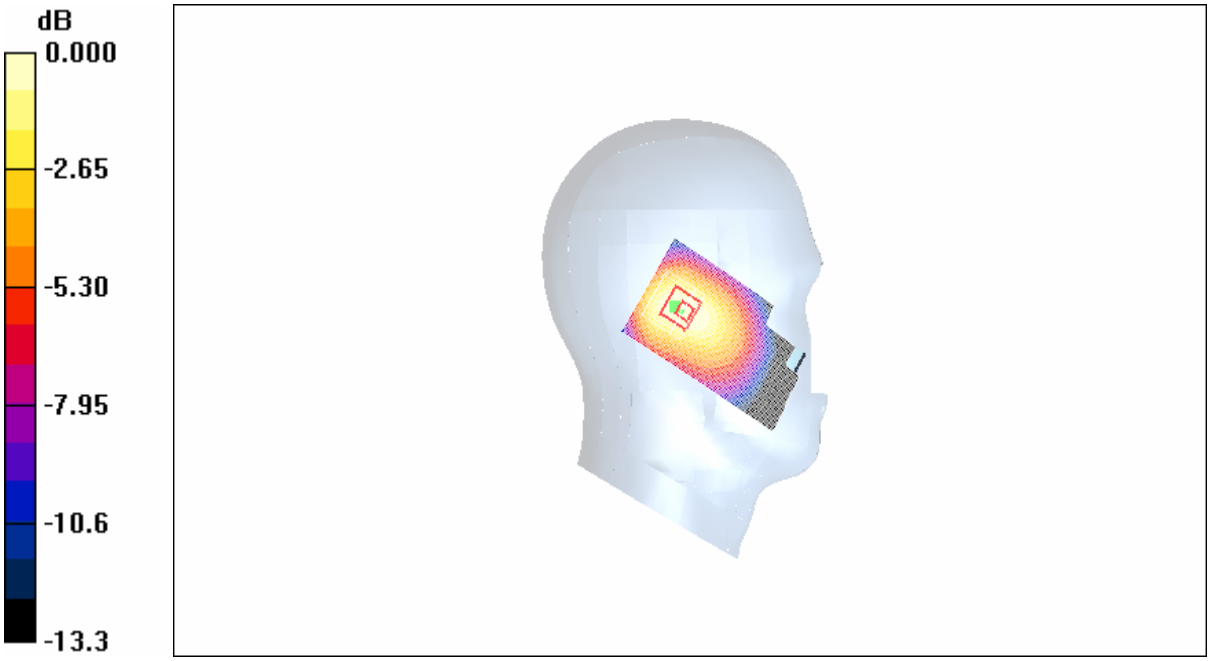


Fig. 10 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt Low
Date/Time: 2007-2-6 9:47:17
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: σ = 0.88 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.152 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

Fig. 11 850 MHz CH128

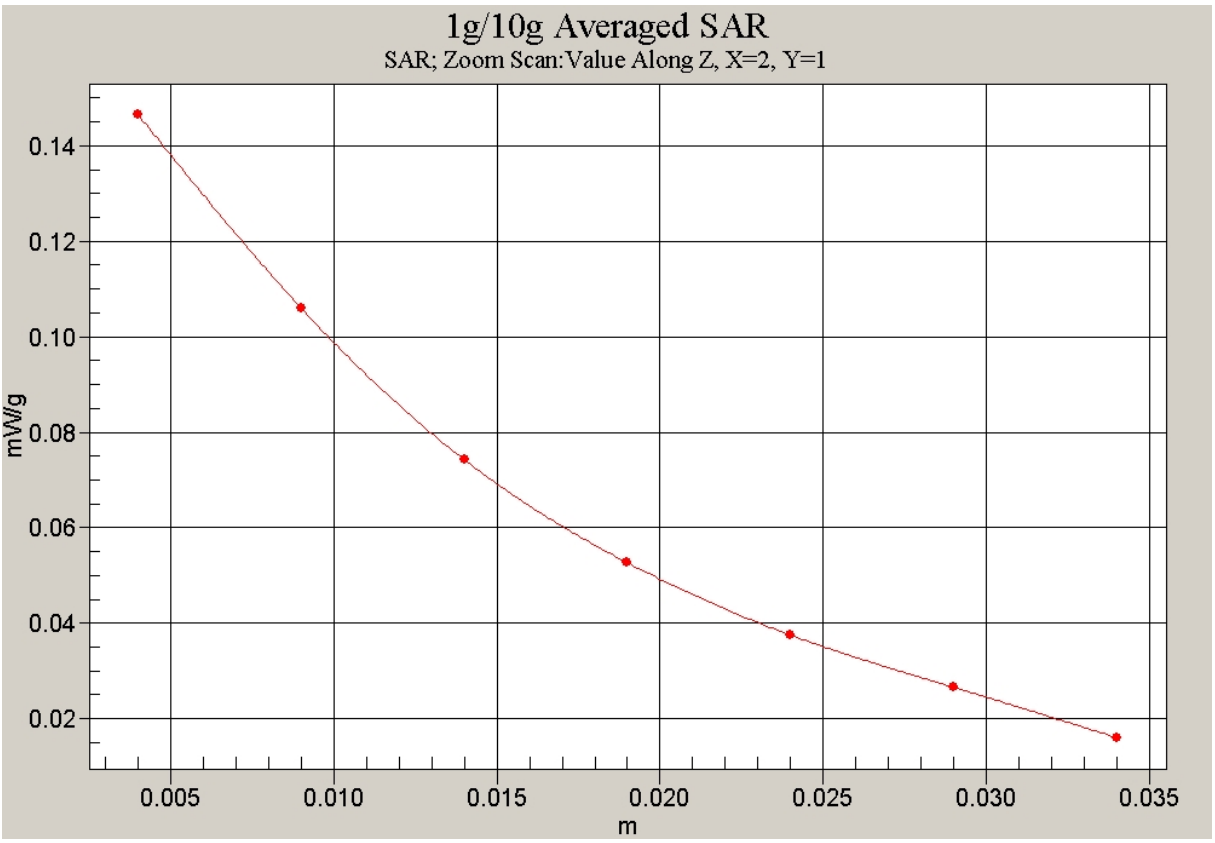


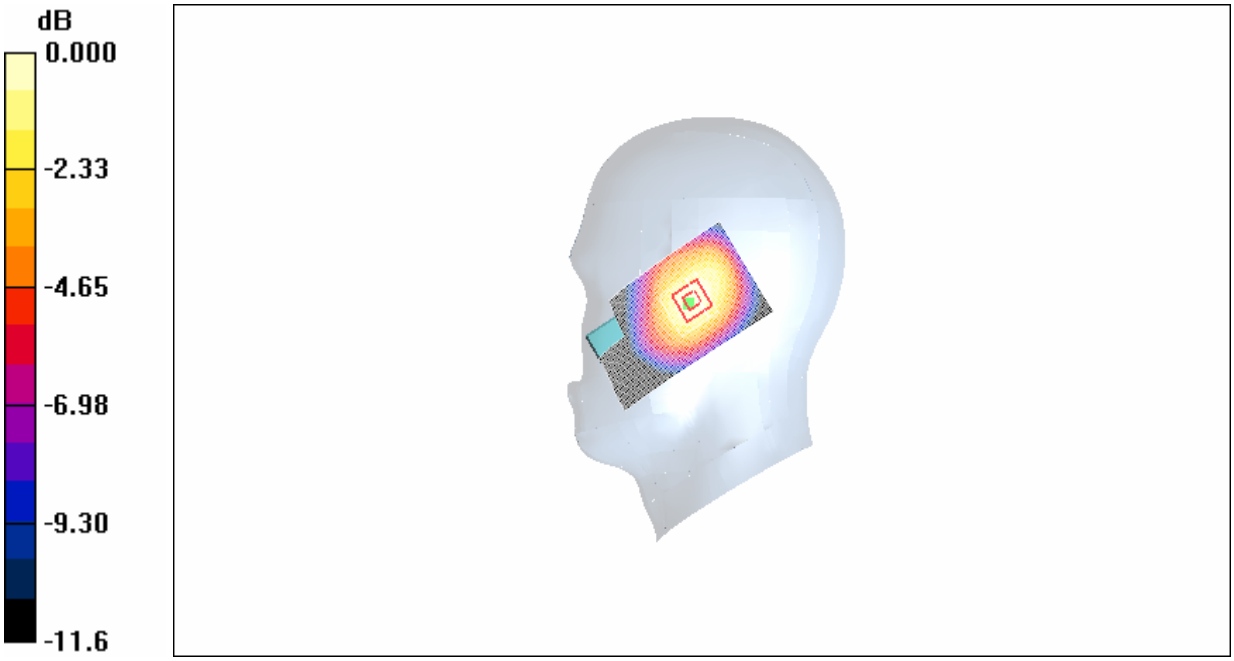
Fig. 12 Z-Scan at power reference point (850 MHz CH128)

850 Right Cheek High

Date/Time: 2007-2-6 10:27:07
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Cheek High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.201 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

Fig. 13 850 MHz CH251

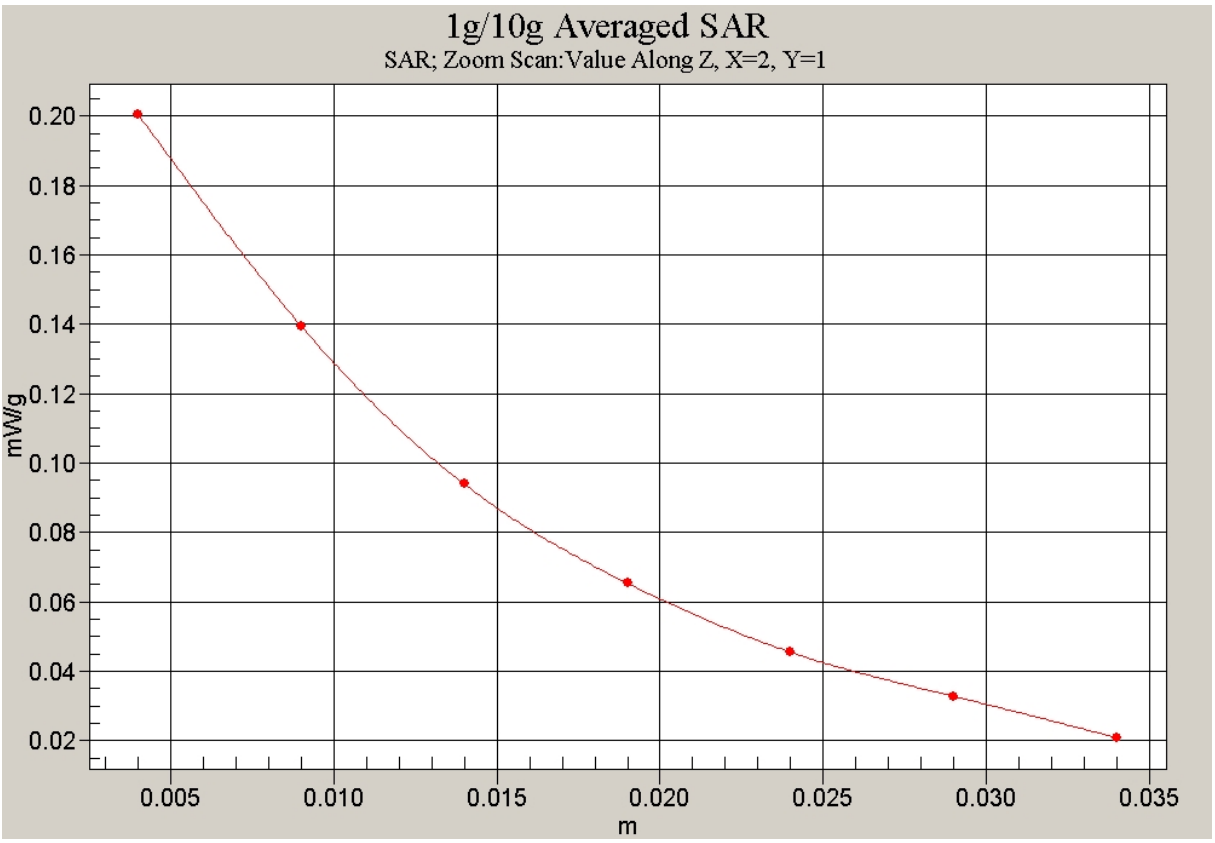


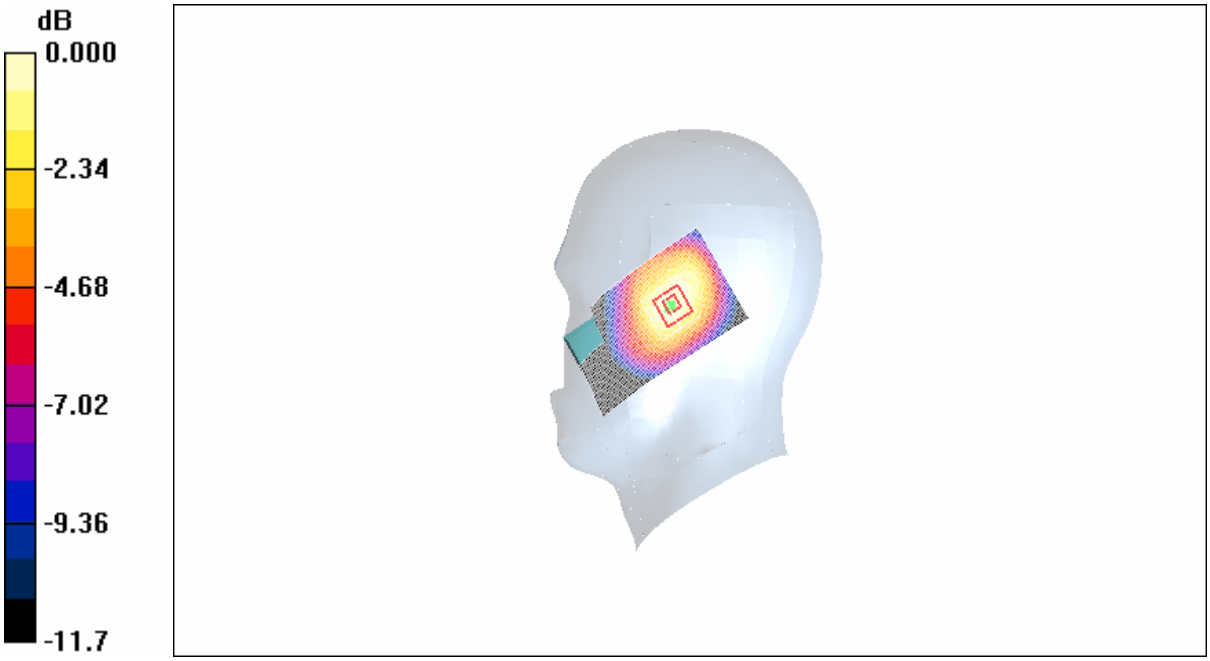
Fig. 14 Z-Scan at power reference point (850 MHz CH251)

850 Right Cheek Middle

Date/Time: 2007-2-6 10:39:41
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Cheek Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.242 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = 0.200 dB
Peak SAR (extrapolated) = 0.325 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

Fig. 15 850 MHz CH190

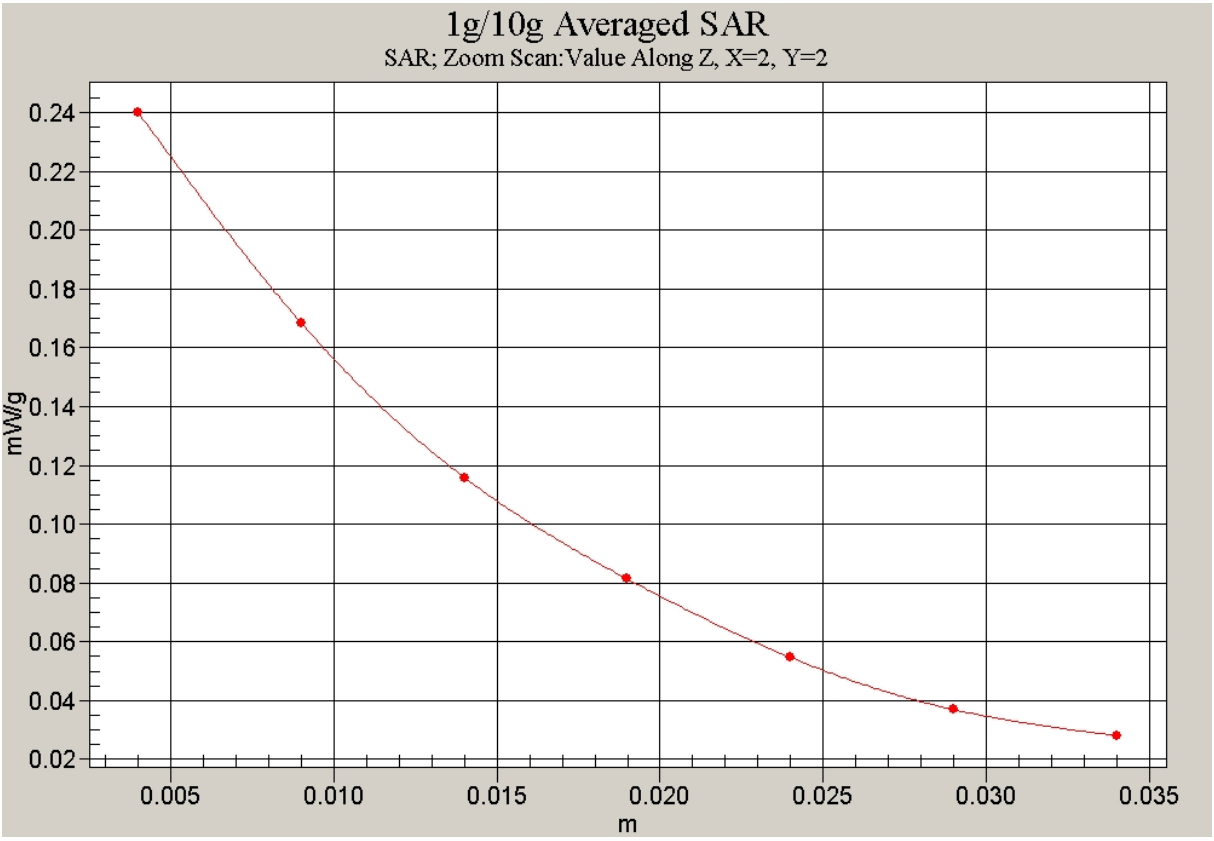


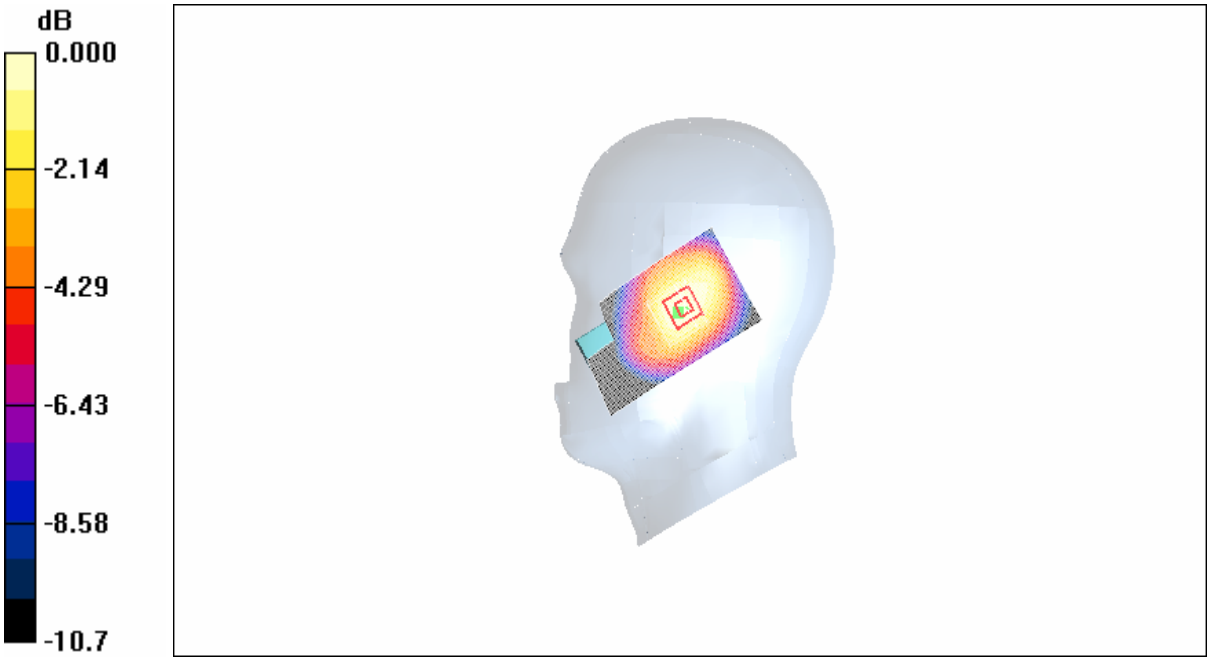
Fig. 16 Z-Scan at power reference point (850 MHz CH190)

850 Right Cheek Low

Date/Time: 2007-2-6 11:56:35
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Cheek Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.249 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.239mW/g

Fig. 17 850 MHz CH128

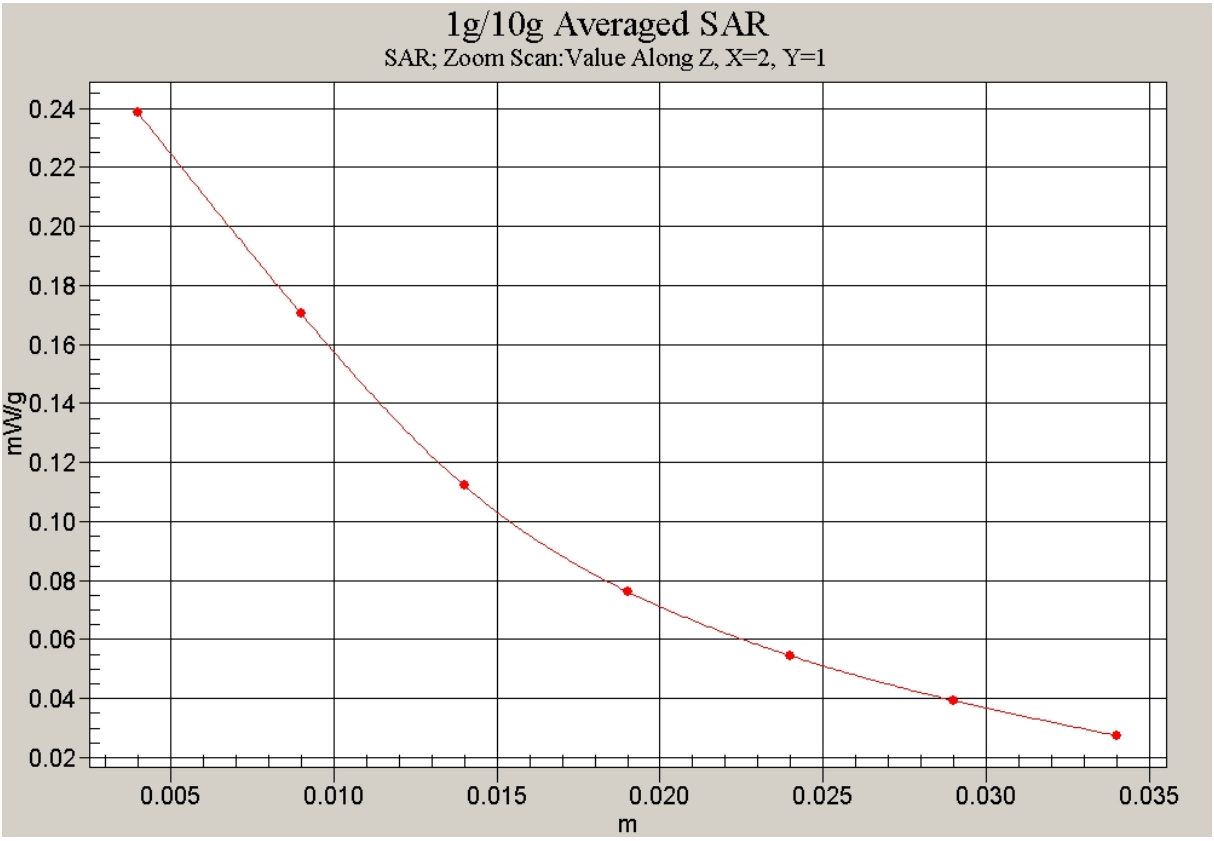


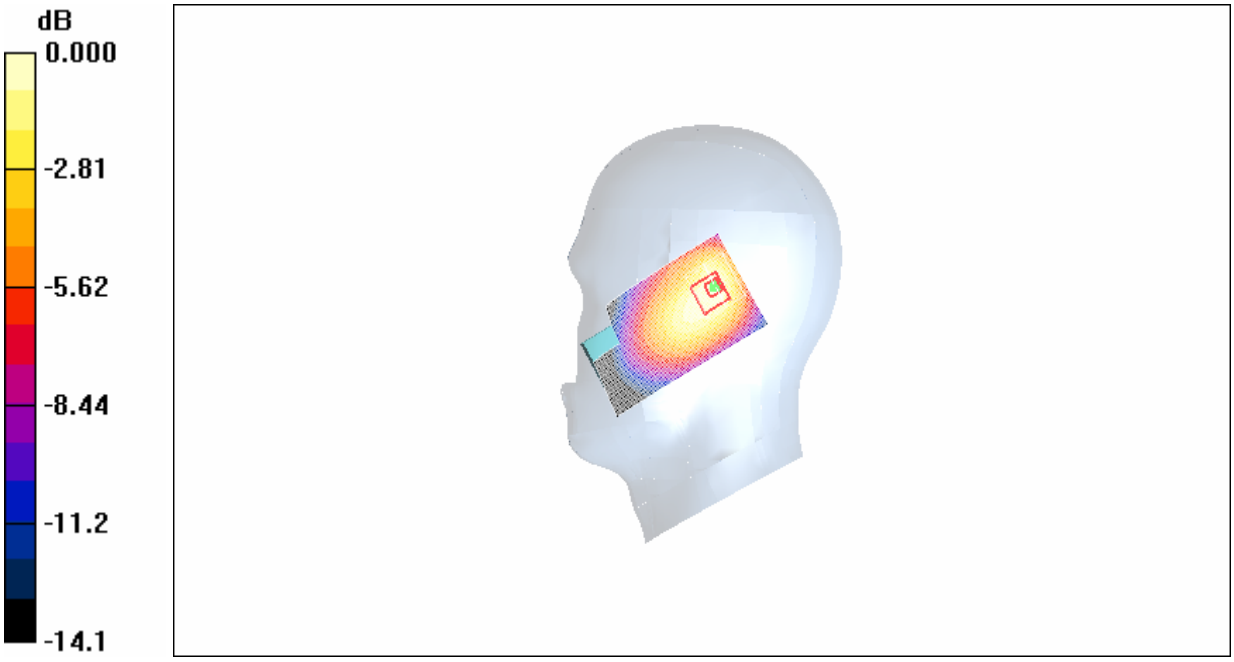
Fig. 18 Z-Scan at power reference point (850 MHz CH128)

850 Right Tilt High

Date/Time: 2007-2-6 12:57:59
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

Fig.19 850 MHz CH251

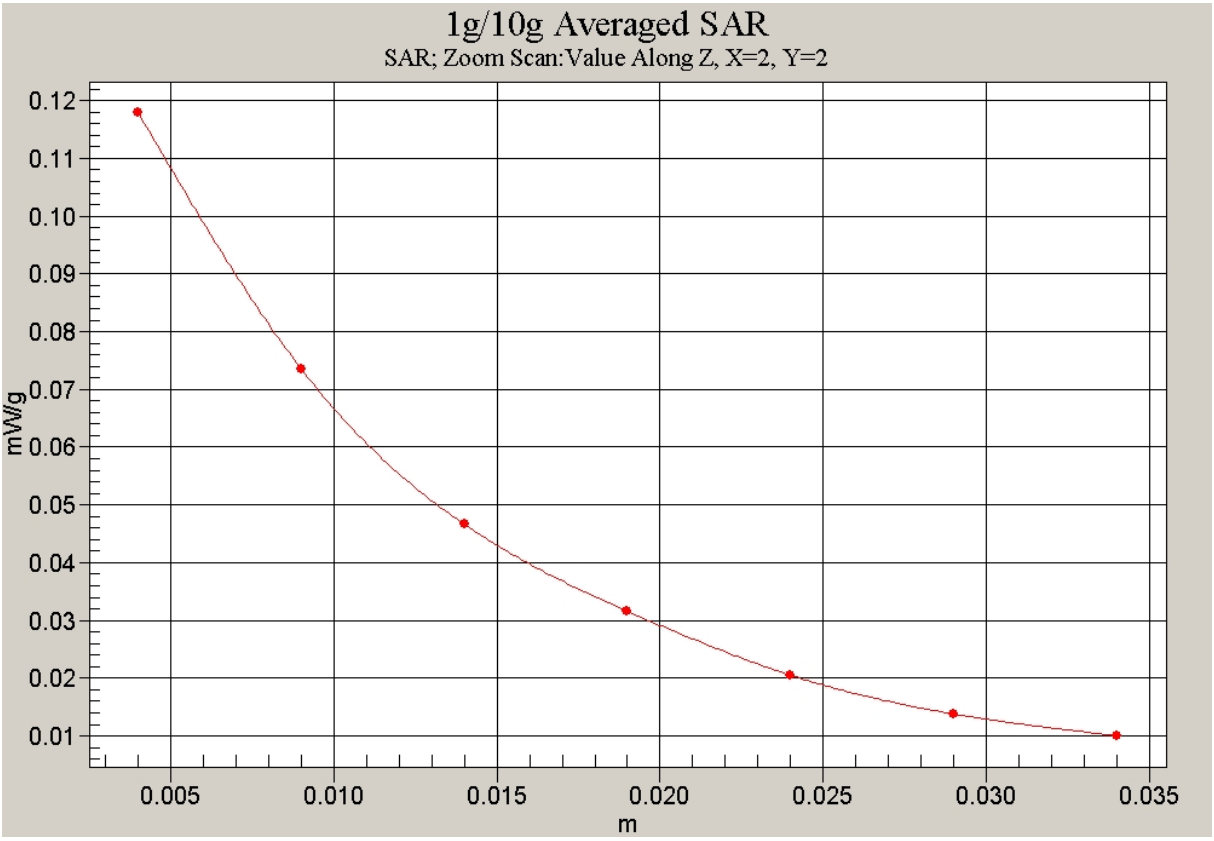


Fig. 20 Z-Scan at power reference point (850 MHz CH251)

850 Right Tilt Middle
Date/Time: 2007-2-6 12:23:26
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.157 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 = 0.017 dB
Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.156 mW/g

0 dB = 0.156mW/g

Fig.21 850 MHz CH190

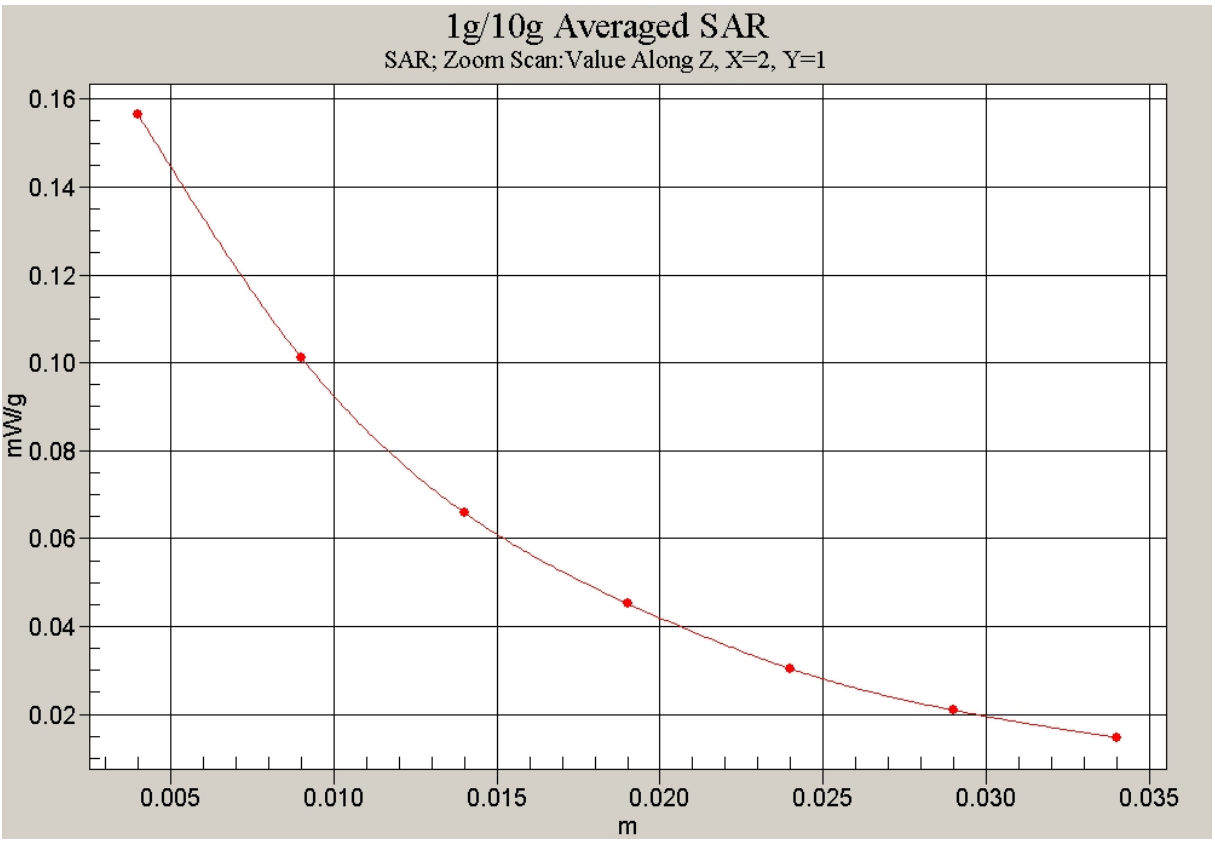
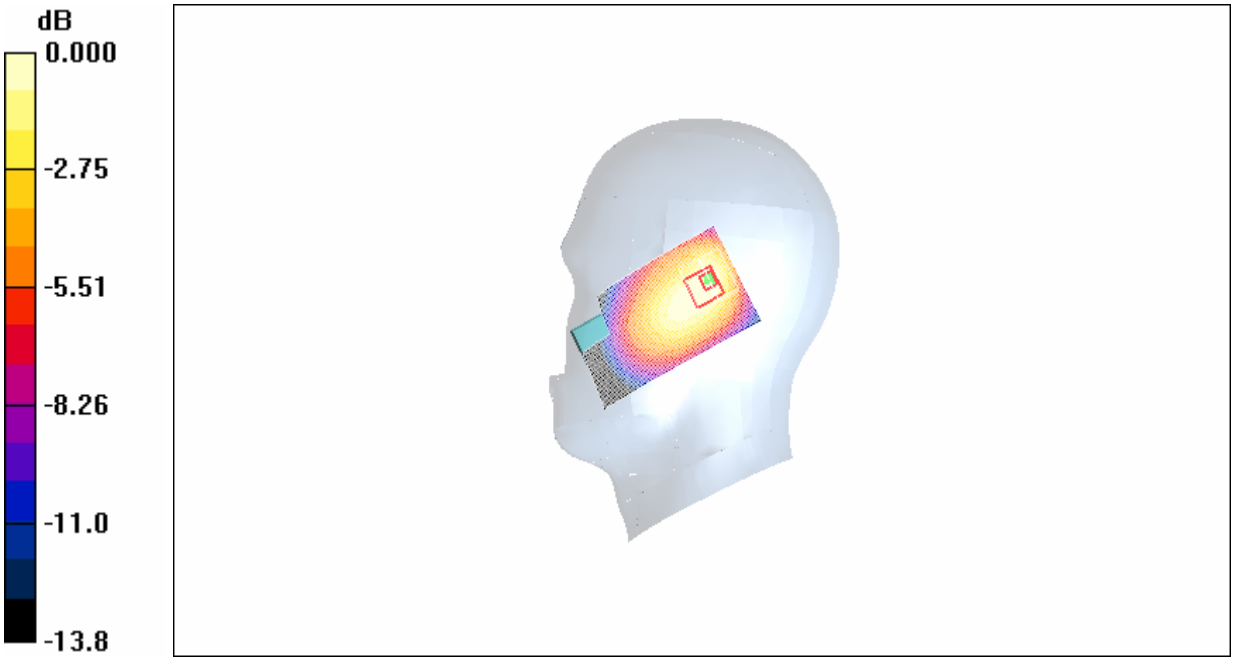


Fig. 22 Z-Scan at power reference point (850 MHz CH190)

850 Right Tilt Low
Date/Time: 2007-2-6 12:10:03
Electronics: DAE3 Sn536
Medium: 850 Head
Medium parameters used: $\sigma = 0.88$ mho/m; $\varepsilon_r = 41.7$; $\rho = 1000$ kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.179 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



0 dB = 0.172mW/g

Fig. 23 850 MHz CH128

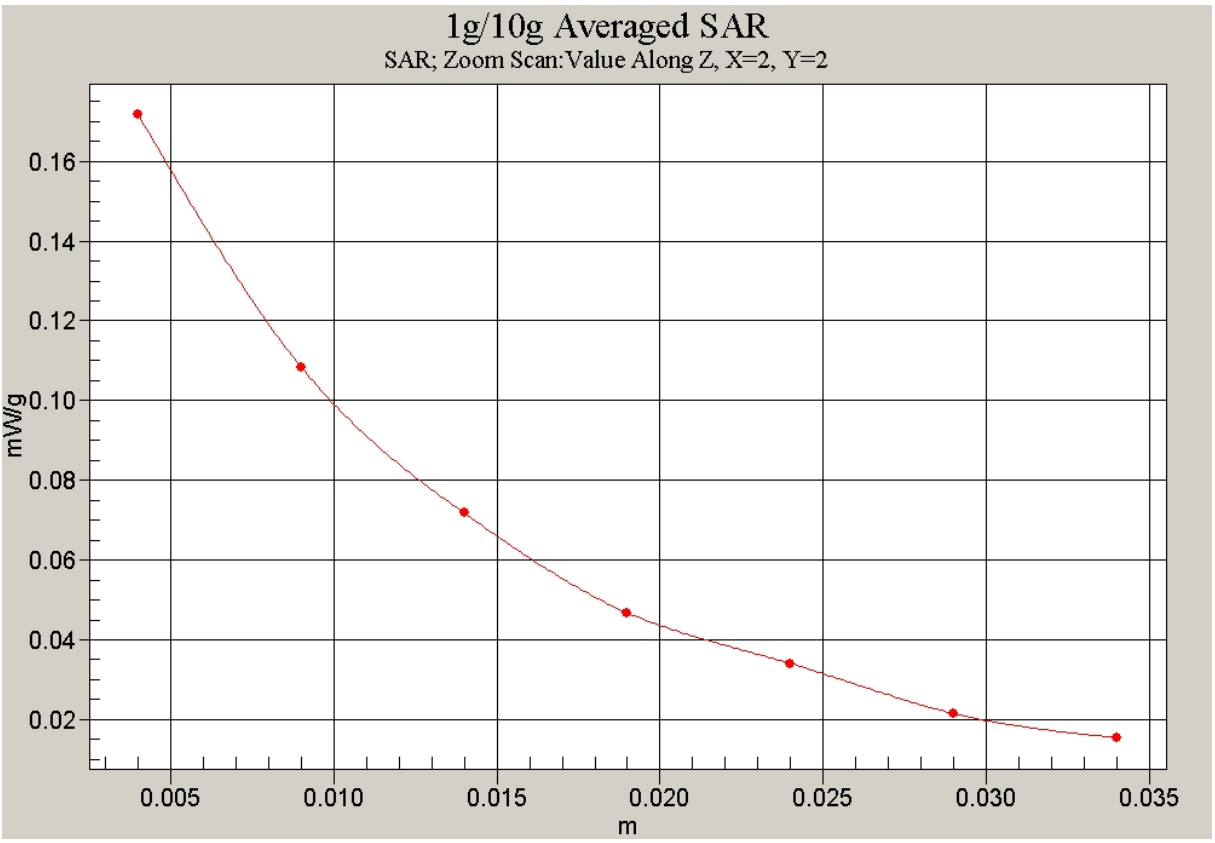


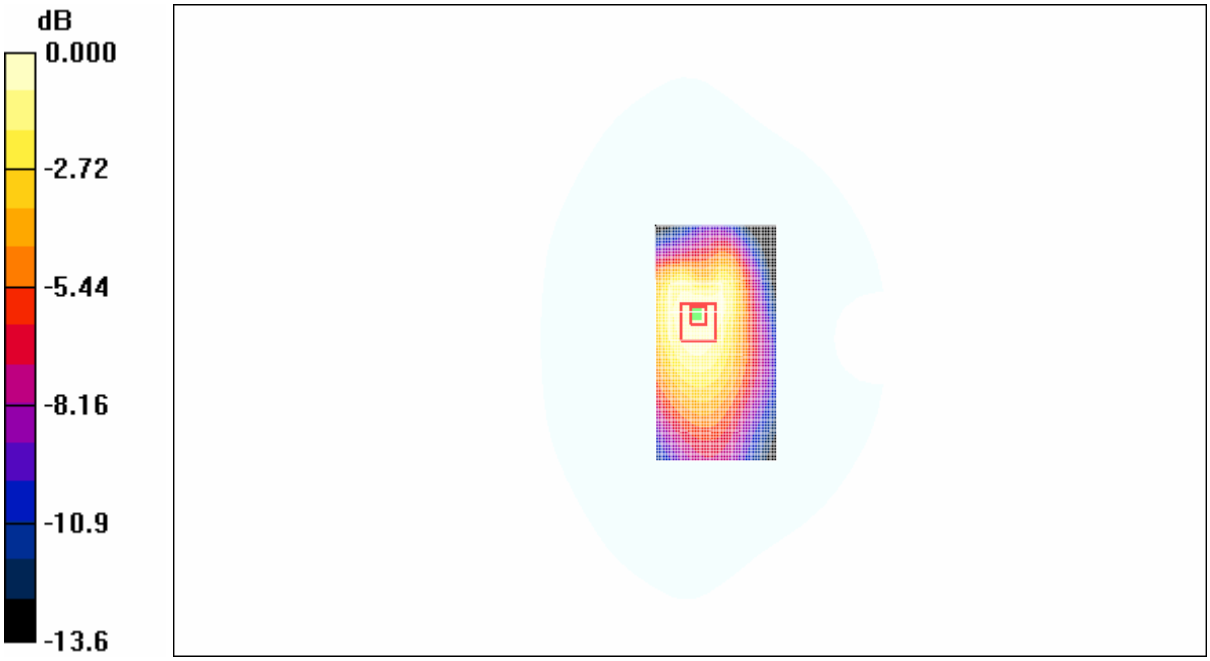
Fig. 24 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Ground High with GPRS

Date/Time: 2007-2-6 14:59:40
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used: σ = 1.00 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.255 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.247mW/g

Fig. 25 850 MHz CH251

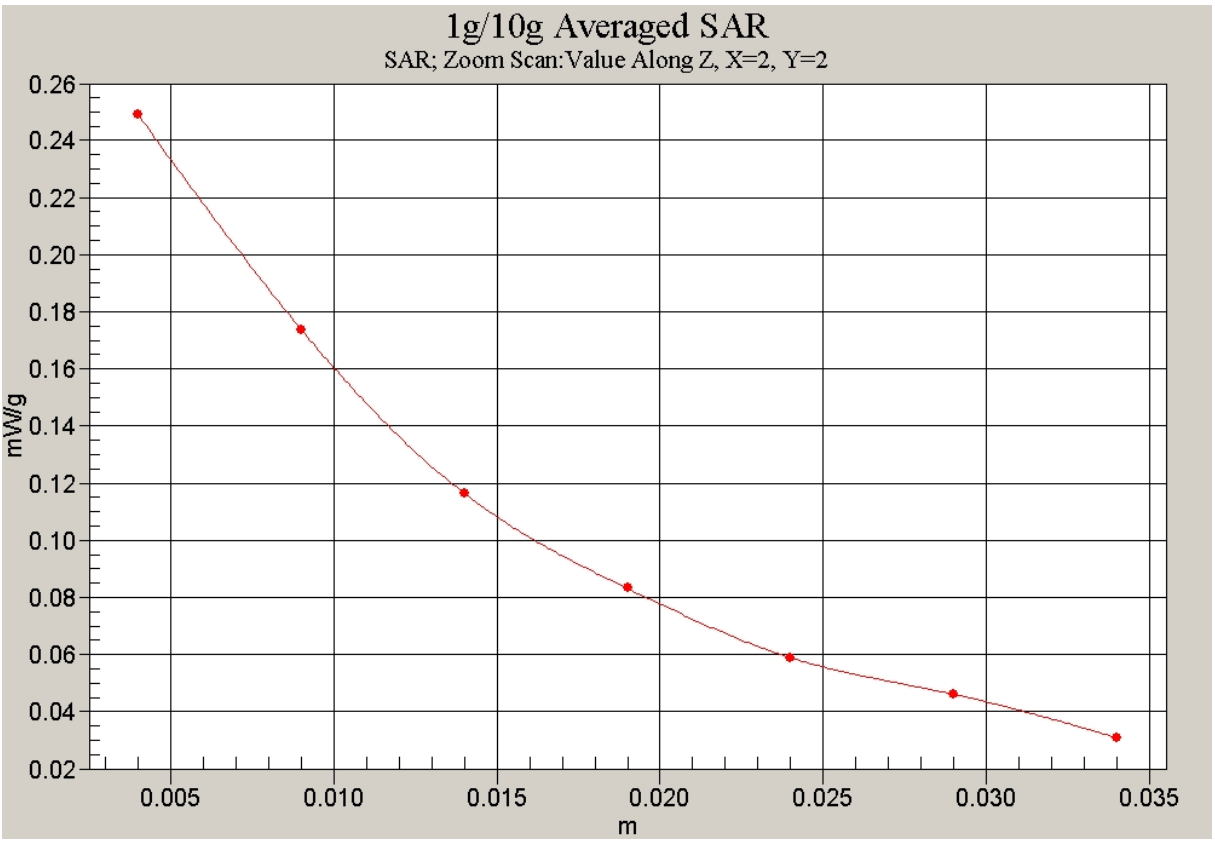


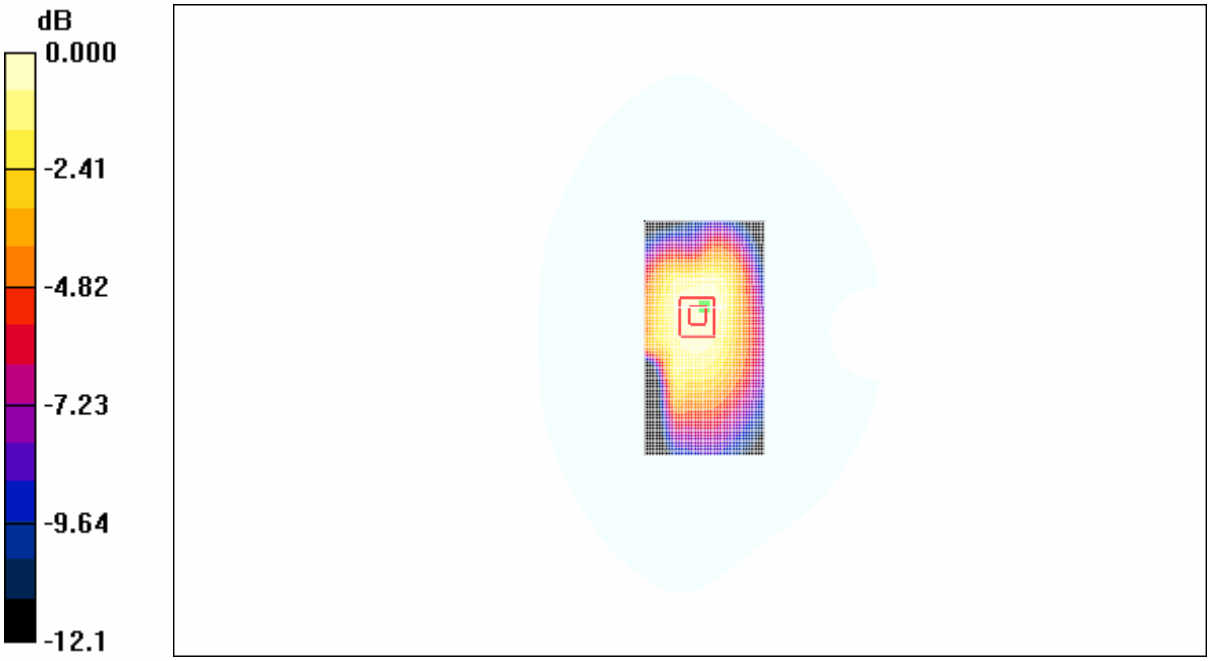
Fig. 26 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle with GPRS

Date/Time: 2007-2-6 16:24:33
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used: 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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.388 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 0.376 mW/g



0 dB = 0.376mW/g

Fig. 27 850 MHz CH190

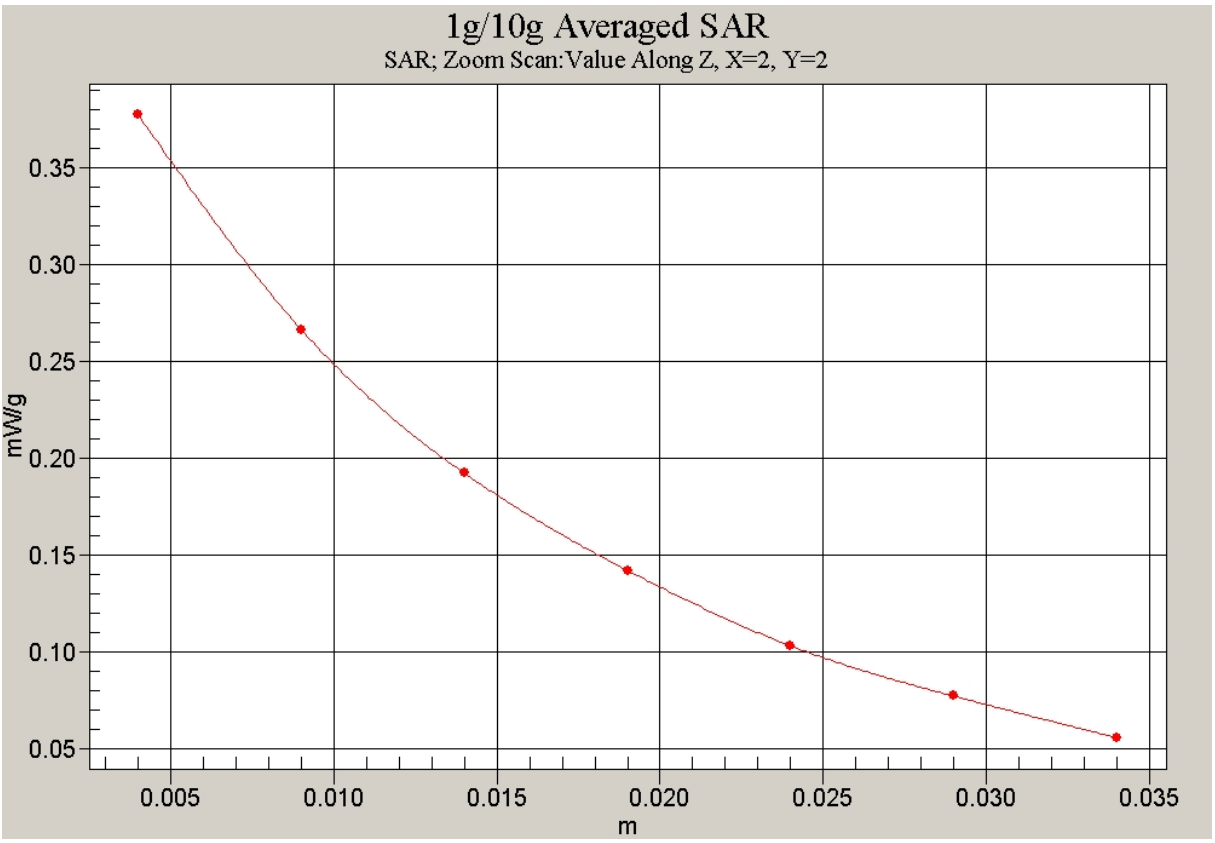


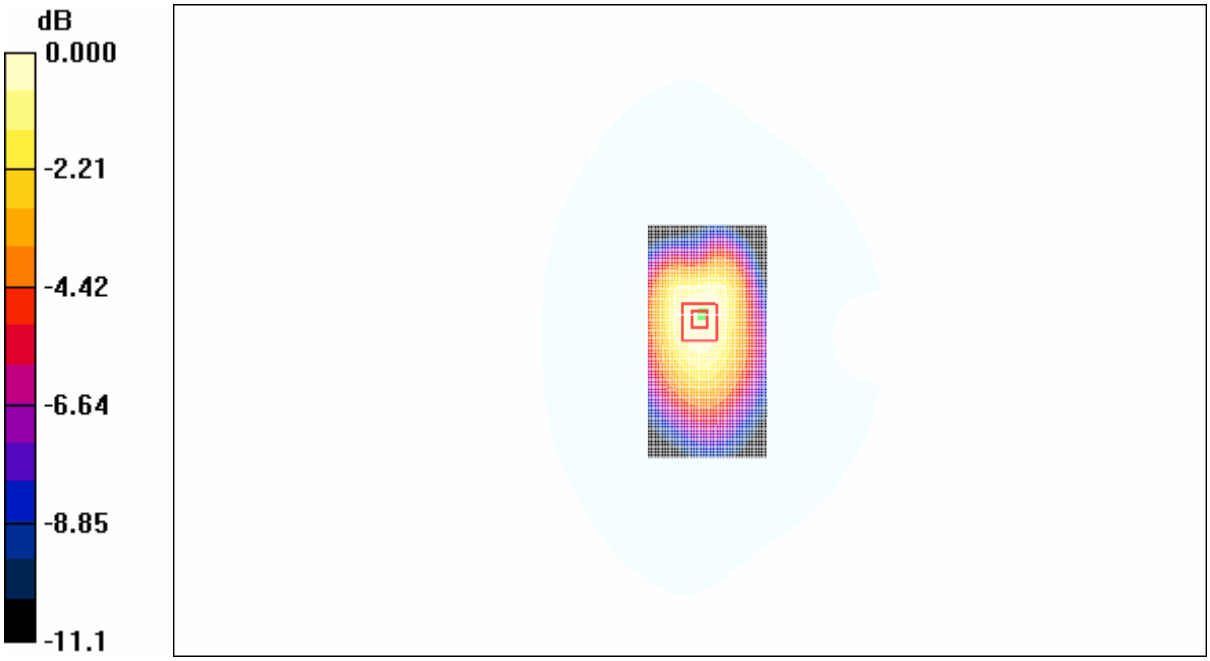
Fig. 28 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Low with GPRS

Date/Time: 2007-2-6 16:38:15
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used: σ = 1.00 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.374 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368mW/g

Fig. 29 850 MHz CH128

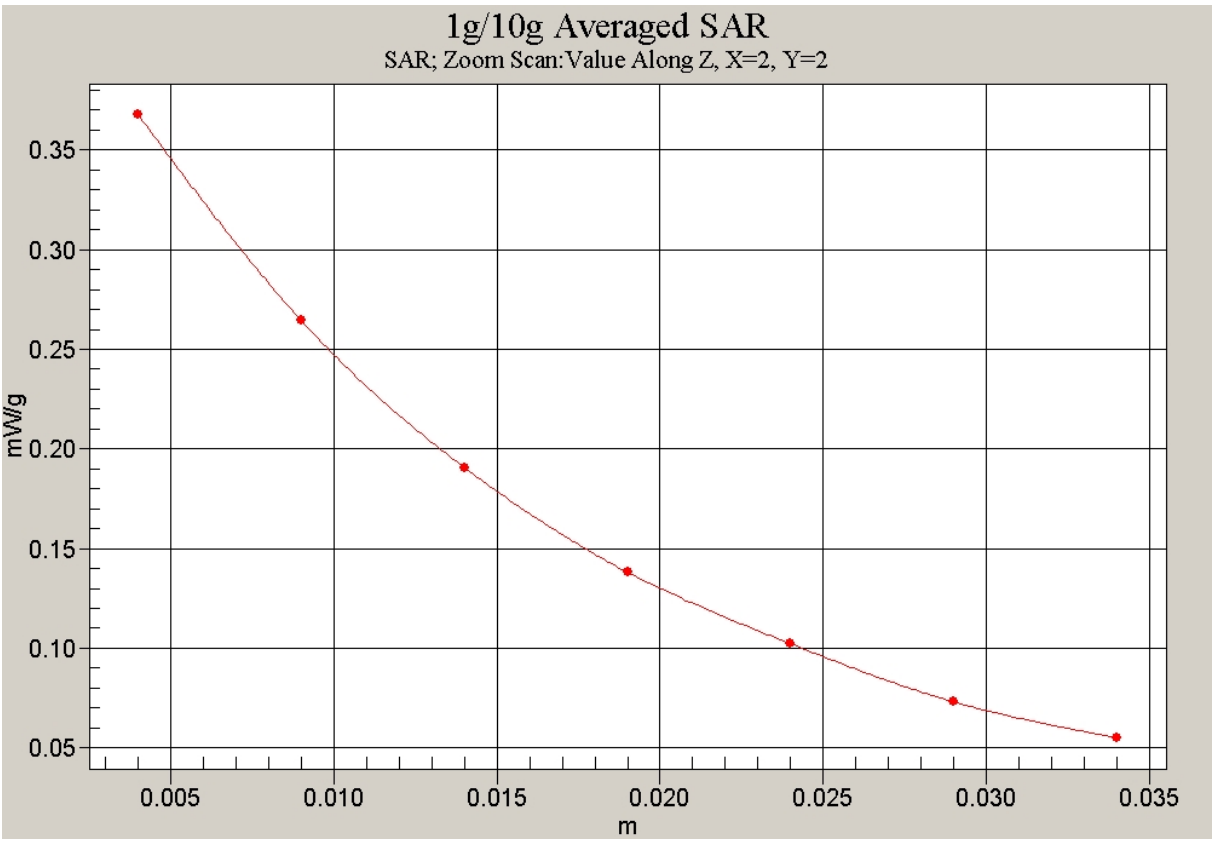


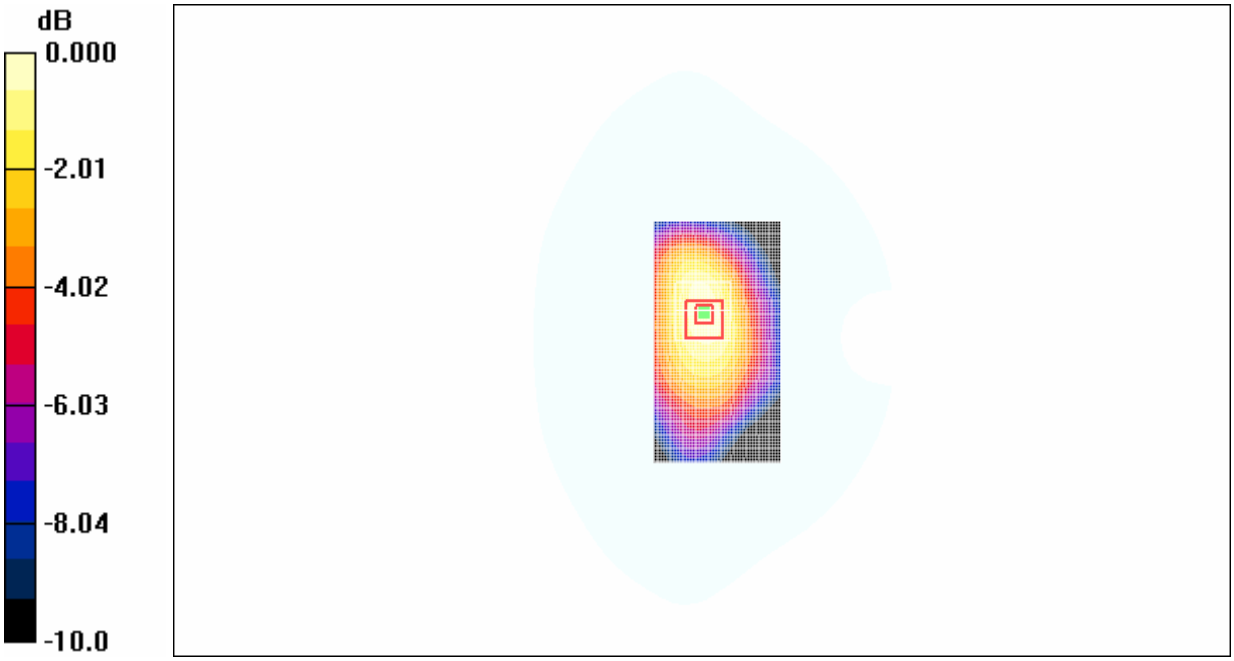
Fig. 30 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Phantom High with GPRS

Date/Time: 2007-2-6 14:04:03
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used: 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 Phantom High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.092 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.57 V/m; Power Drift = -0.027 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.094 mW/g



0 dB = 0.094mW/g

Fig. 31 850 MHz CH251

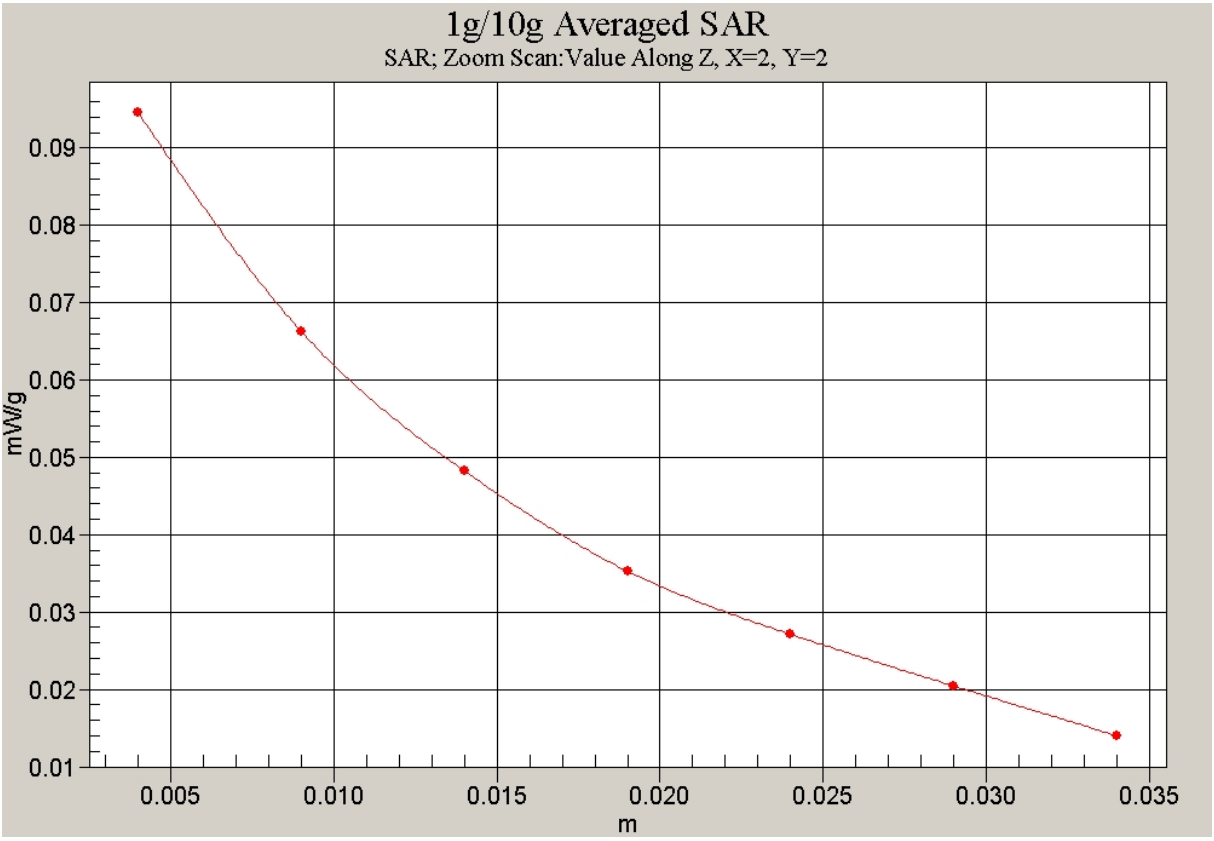


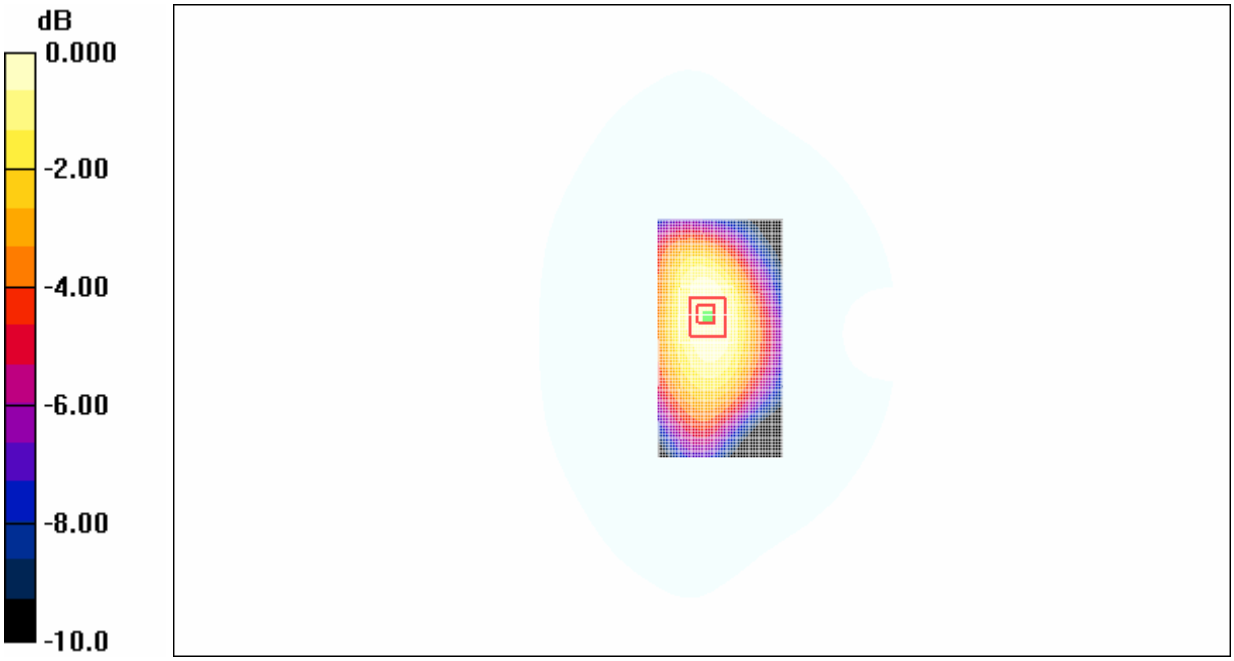
Fig. 32 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Phantom Middle with GPRS

Date/Time: 2007-2-6 14:21:13
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used: 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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.122 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.115 mW/g



0 dB = 0.115mW/g

Fig. 33 850 MHz CH190

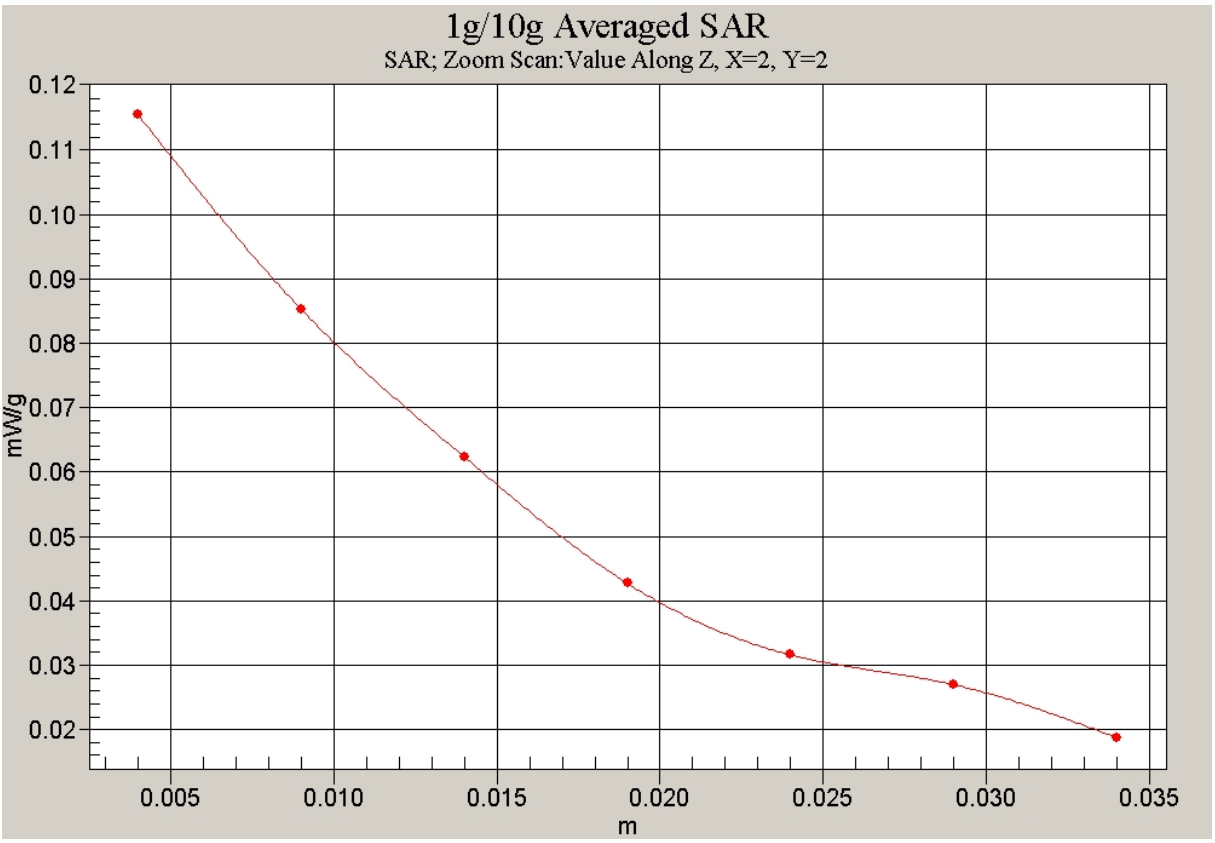


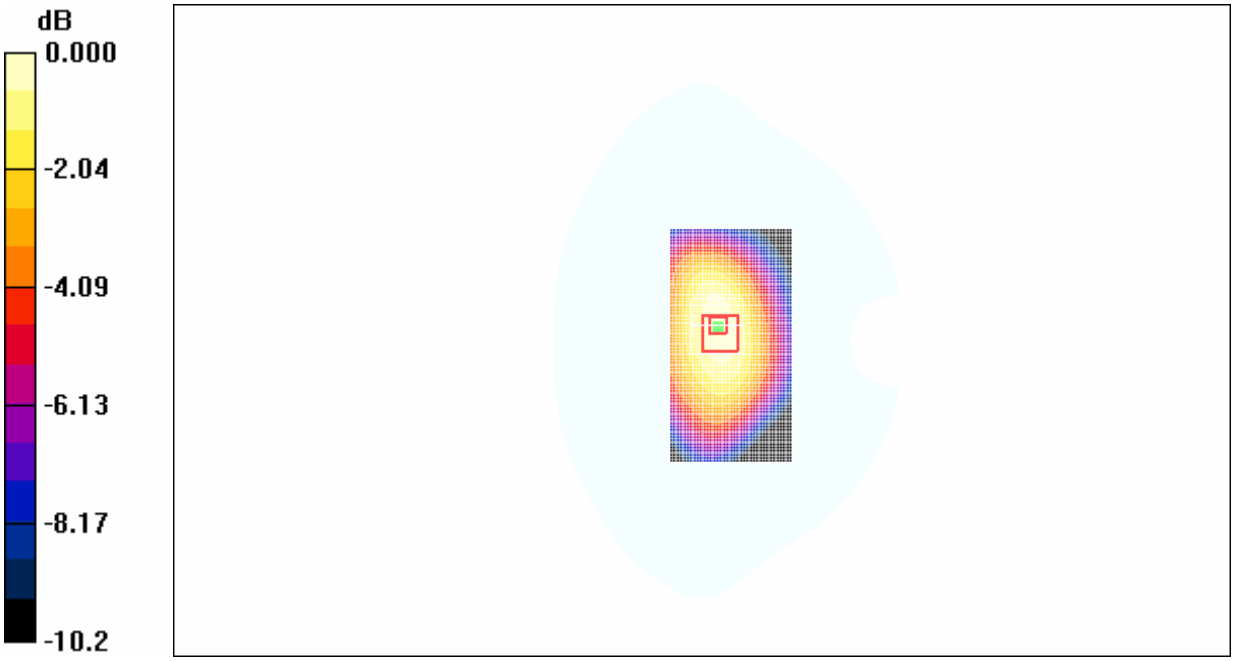
Fig. 34 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Low with GPRS

Date/Time: 2007-2-6 14:43:32
Electronics: DAE3 Sn536
Medium: 850 Body
Medium parameters used: 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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.129 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.100 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

Fig. 35 850 MHz CH128

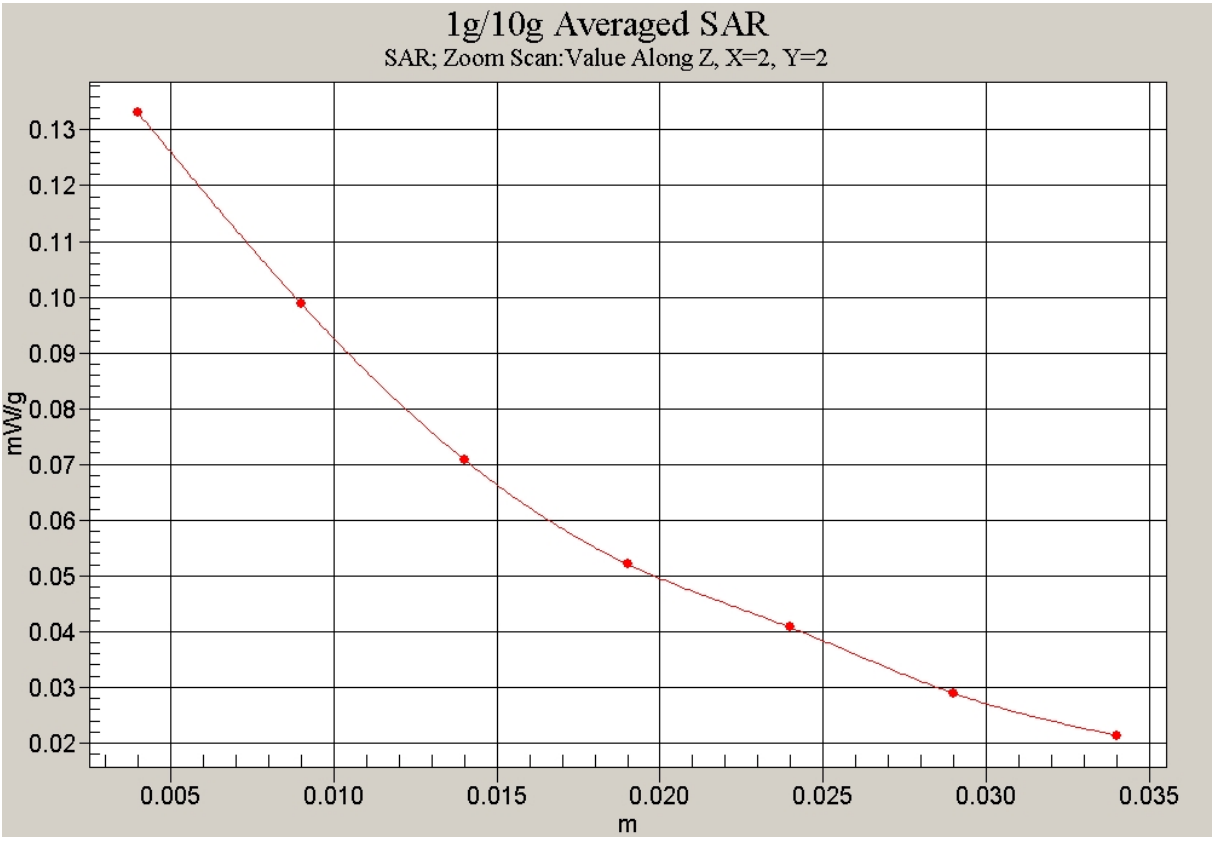


Fig. 36 Z-Scan at power reference point (850 MHz CH128)