Fig. 144 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Phantom, CH9400) – Slide up

WCDMA 1900 Body Toward Phantom Low – Slide up

Date/Time: 2009-2-9 14:37:01

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.53 mho/m; ε_r = 52.4; ρ = 1000 kg/m³

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

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

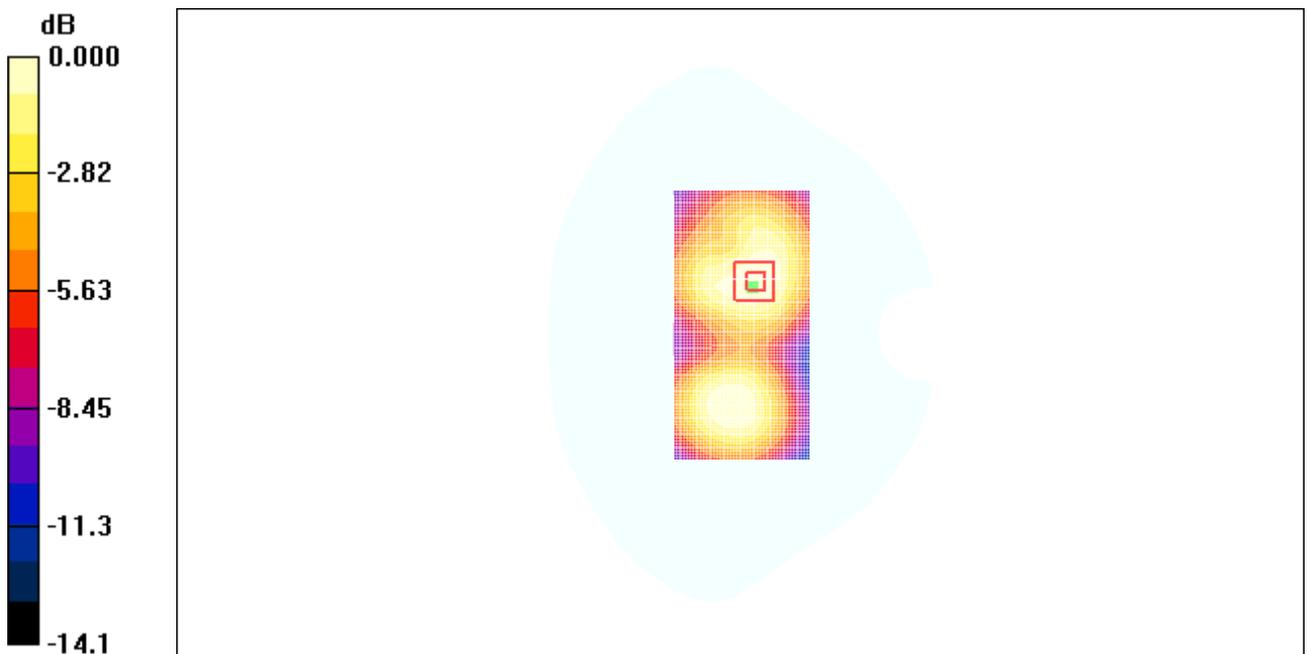Maximum value of SAR (interpolated) = 0.286 mW/g

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

Reference Value = 8.24 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.282 mW/g

0 dB = 0.282mW/g

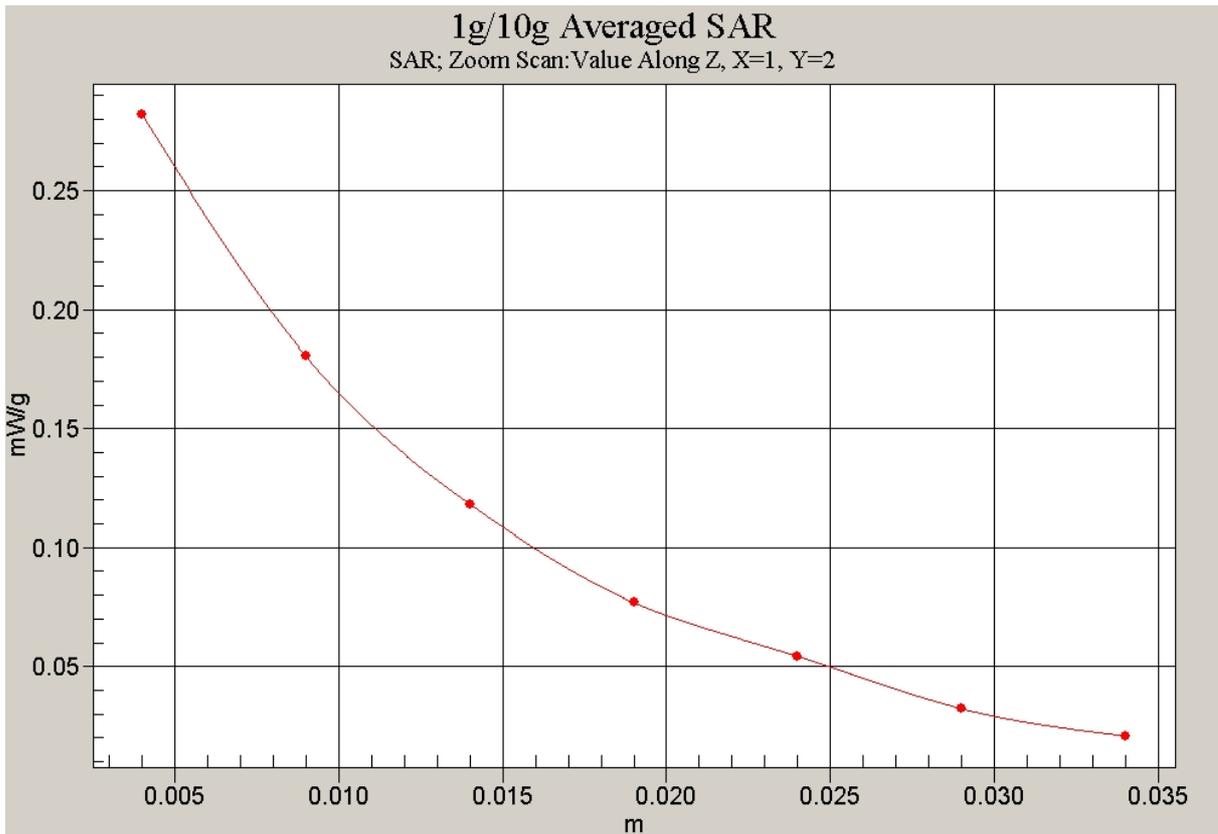**Fig. 145 WCDMA 1900MHz, Body, Towards Phantom, CH9262 – Slide up**

Fig.146 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Ground, CH9262) – Slide up

WCDMA 1900 Body Toward Ground Middle with Headset – Slide up

Date/Time: 2009-2-9 14:50:12

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ = 1000 kg/m³

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

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

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
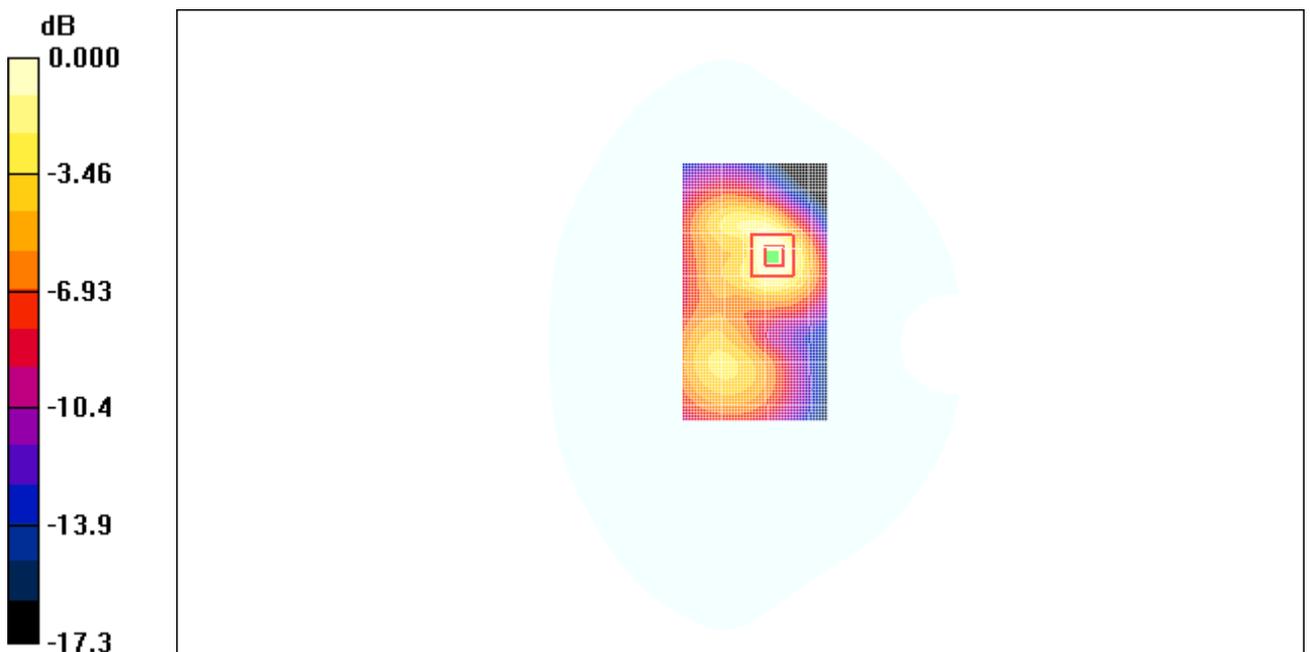
Maximum value of SAR (interpolated) = 0.688 mW/g

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

Reference Value = 9.69 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.597 mW/g

0 dB = 0.597mW/g

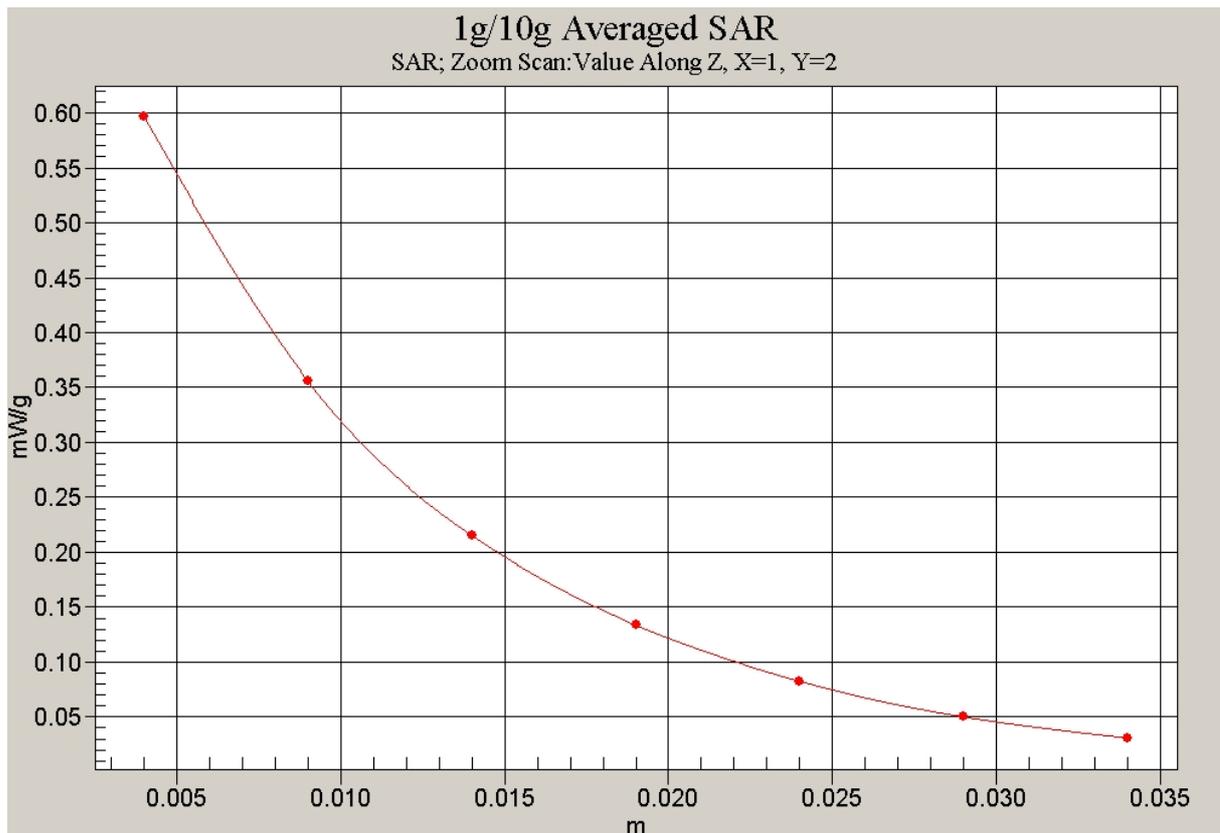**Fig. 147 WCDMA 1900MHz, Body, Towards Ground, CH9400 – Slide up**

Fig. 148 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Ground, CH9400) – Slide up

850 Left Cheek High – Slide down

Date/Time: 2009-2-8 15:16:52

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

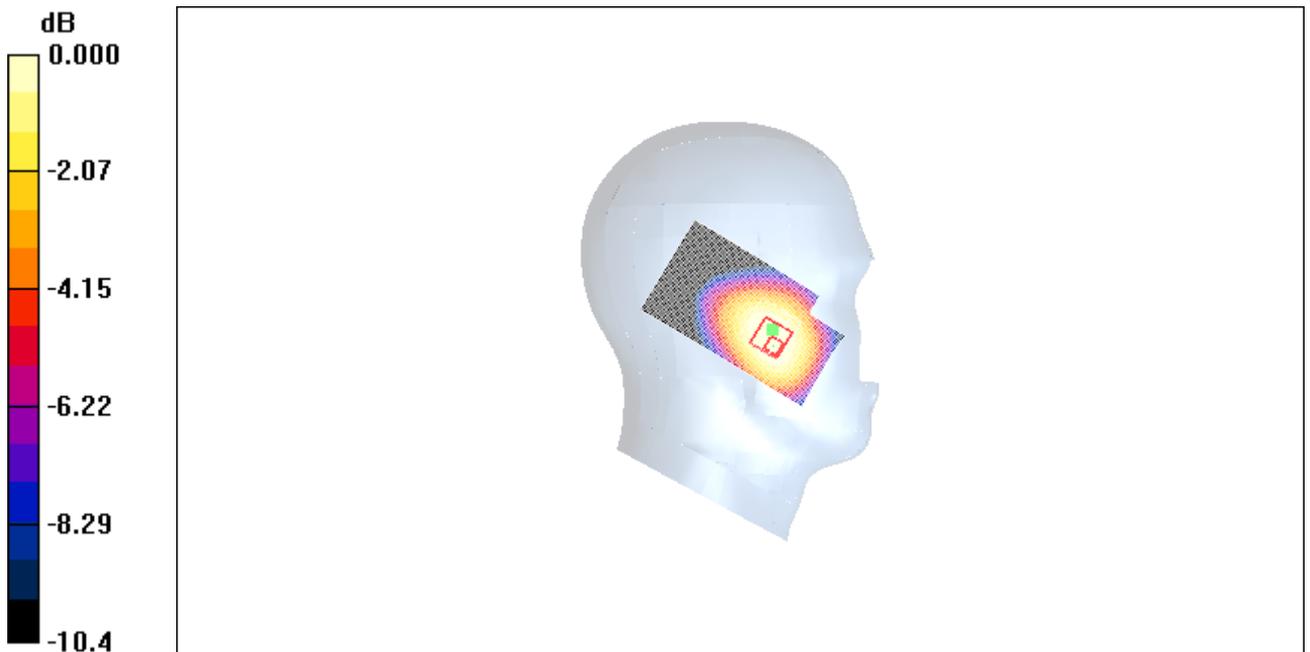Maximum value of SAR (interpolated) = 0.175 mW/g

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

Reference Value = 6.67 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.174 mW/g

0 dB = 0.174mW/g

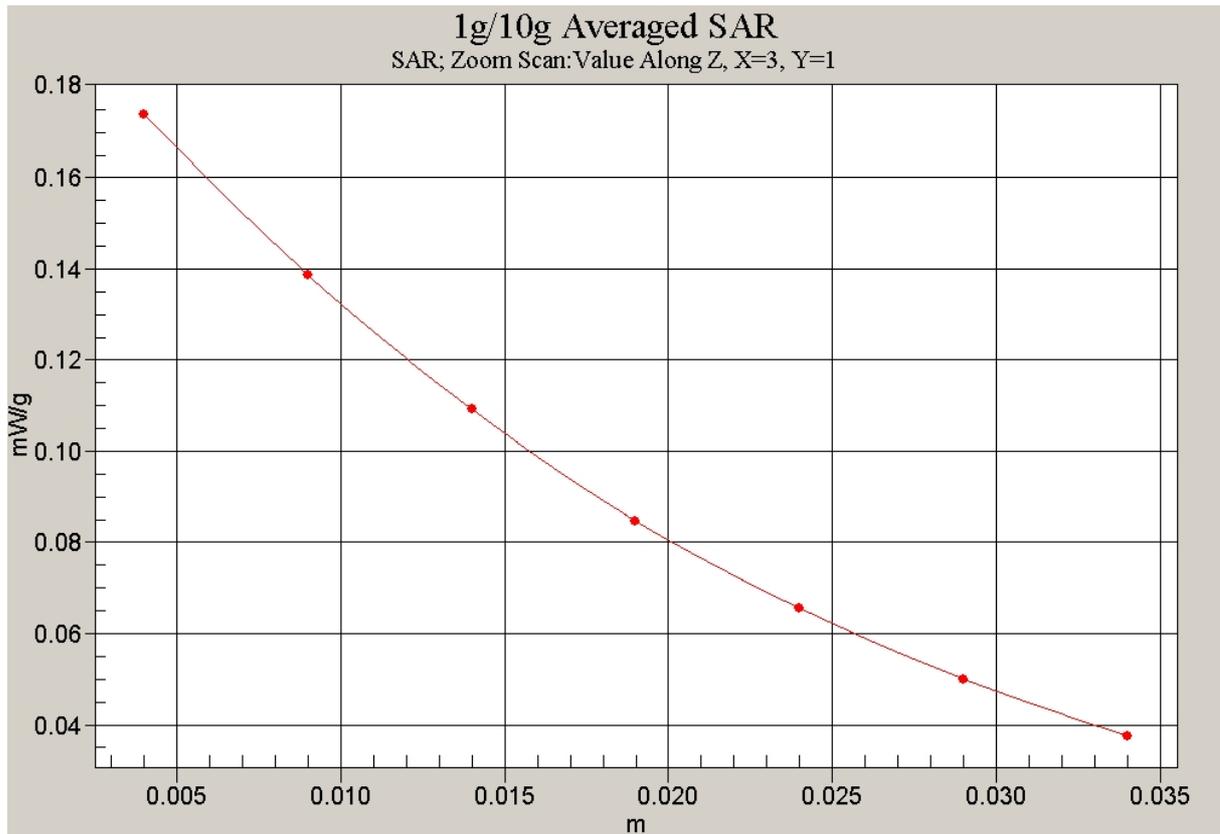**Fig. 149   850MHz CH251 – Slide down**

Fig. 150 Z-Scan at power reference point (850 MHz CH251) – Slide down

850 Left Cheek Middle – Slide down

Date/Time: 2009-2-8 15:29:15

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

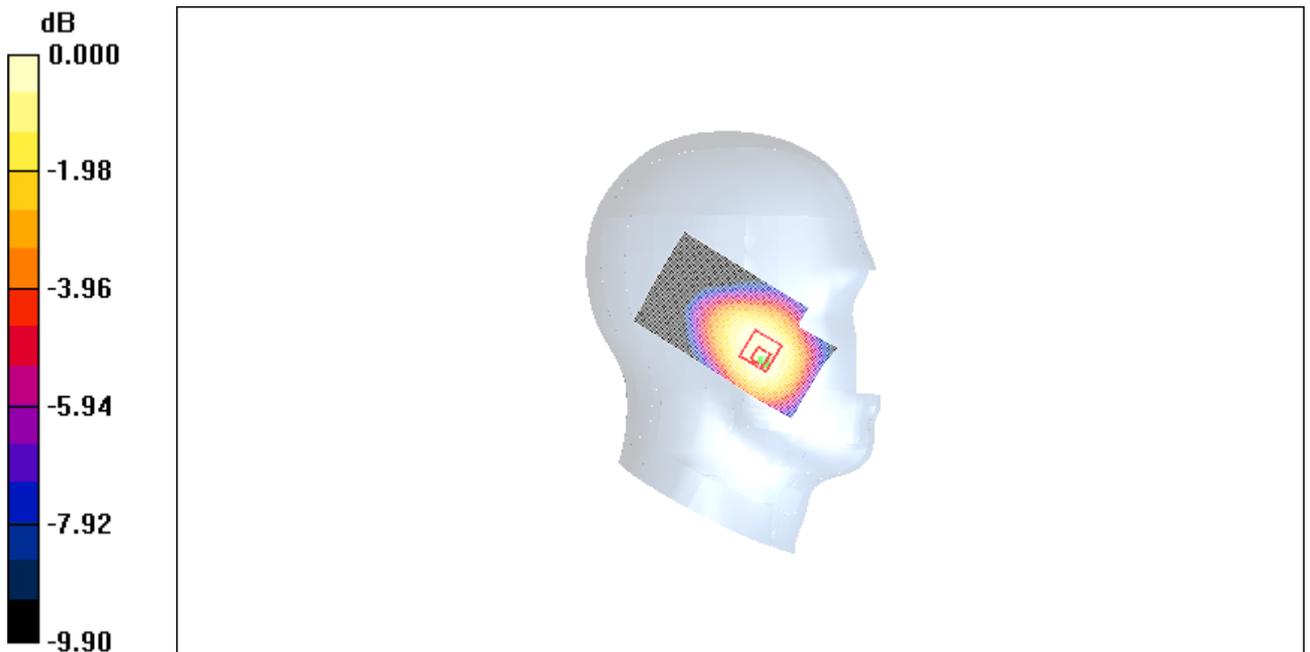Maximum value of SAR (interpolated) = 0.181 mW/g

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

Reference Value = 7.06 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.183 mW/g

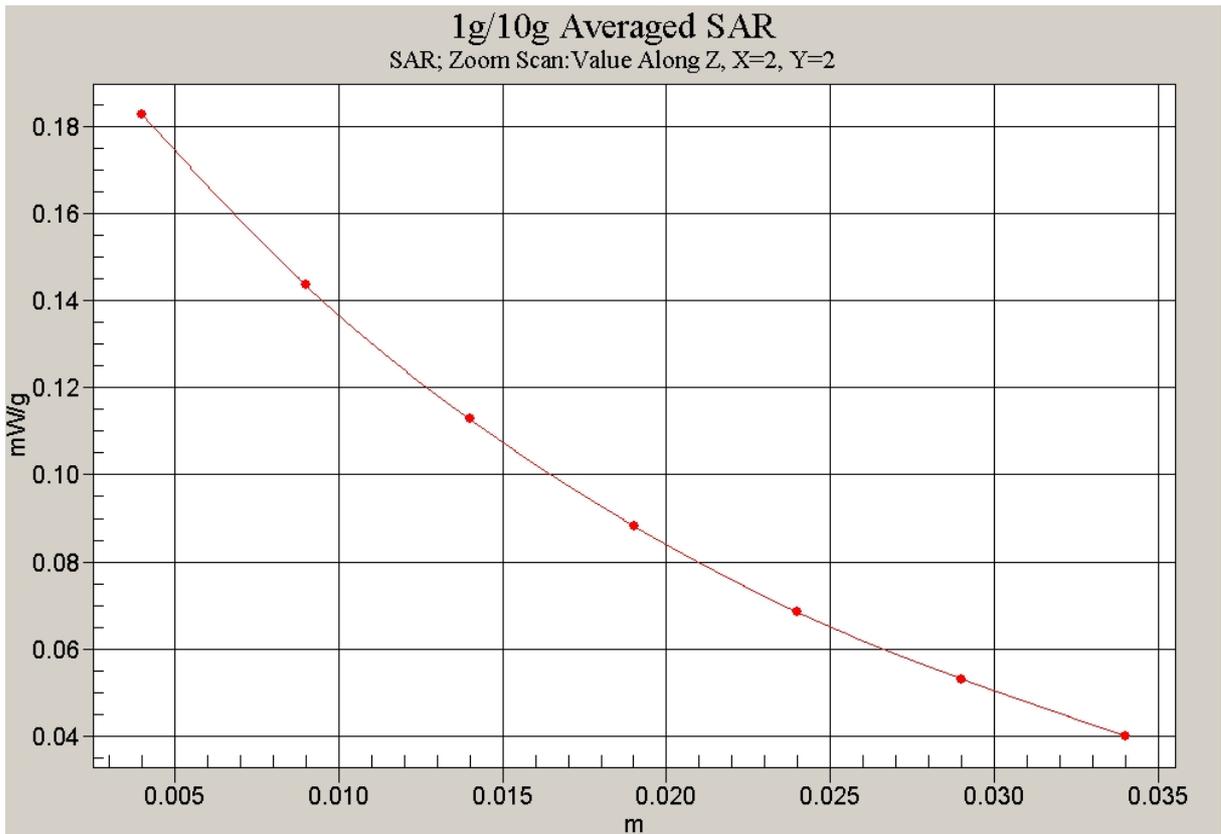
0 dB = 0.183mW/g

Fig. 151   850 MHz CH190 – Slide down

Fig. 152 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Left Cheek Low – Slide down

Date/Time: 2009-2-8 15:42:01

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.216 mW/g

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

Reference Value = 7.87 V/m; Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.160 mW/g

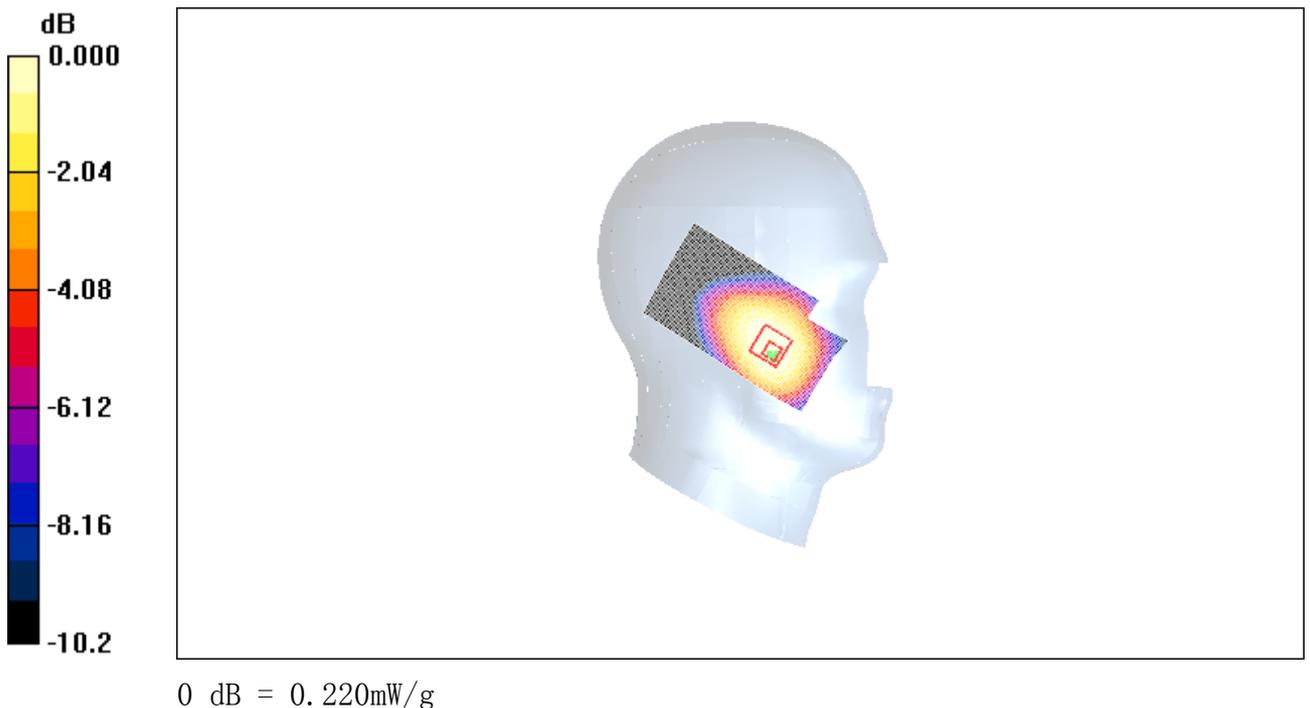Maximum value of SAR (measured) = 0.220 mW/g

0 dB = 0.220mW/g
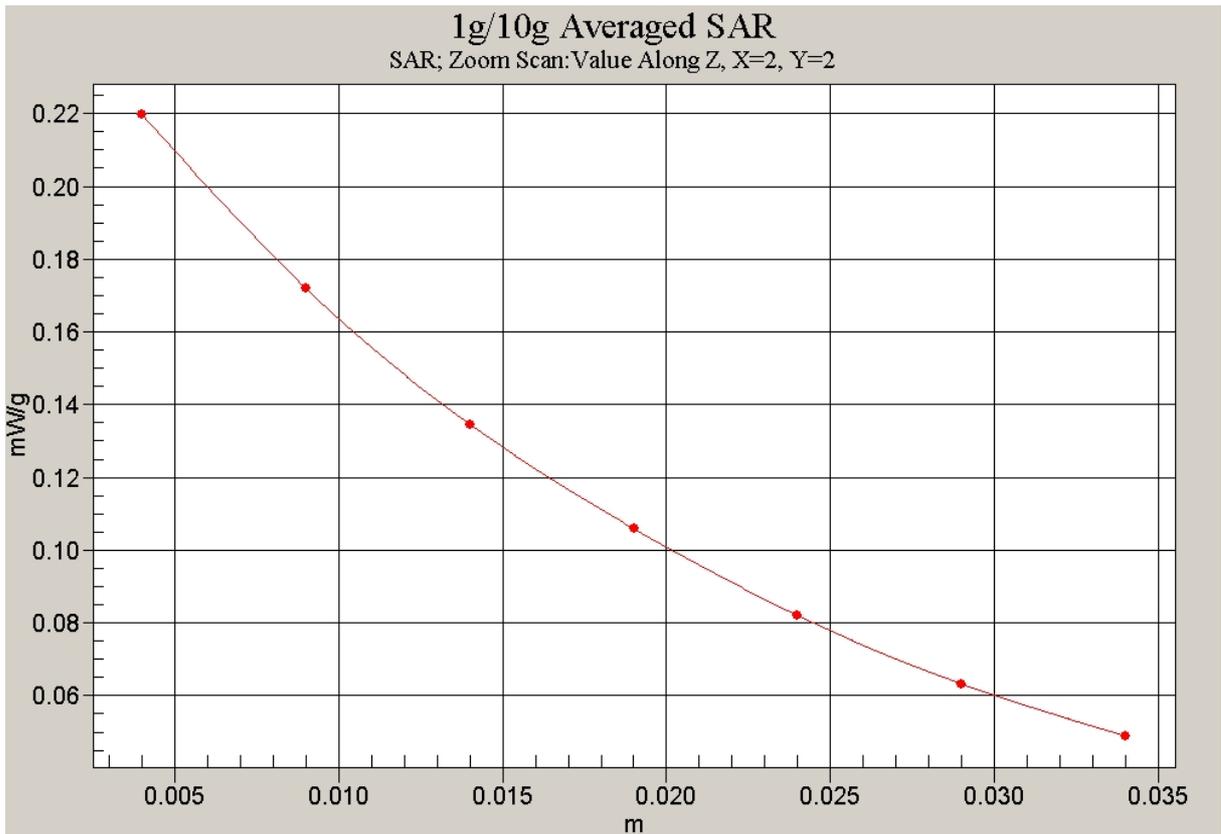
Fig. 153   850 MHz CH128 – Slide down

Fig.154 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Left Tilt High – Slide down

Date/Time: 2009-2-8 15:55:35

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

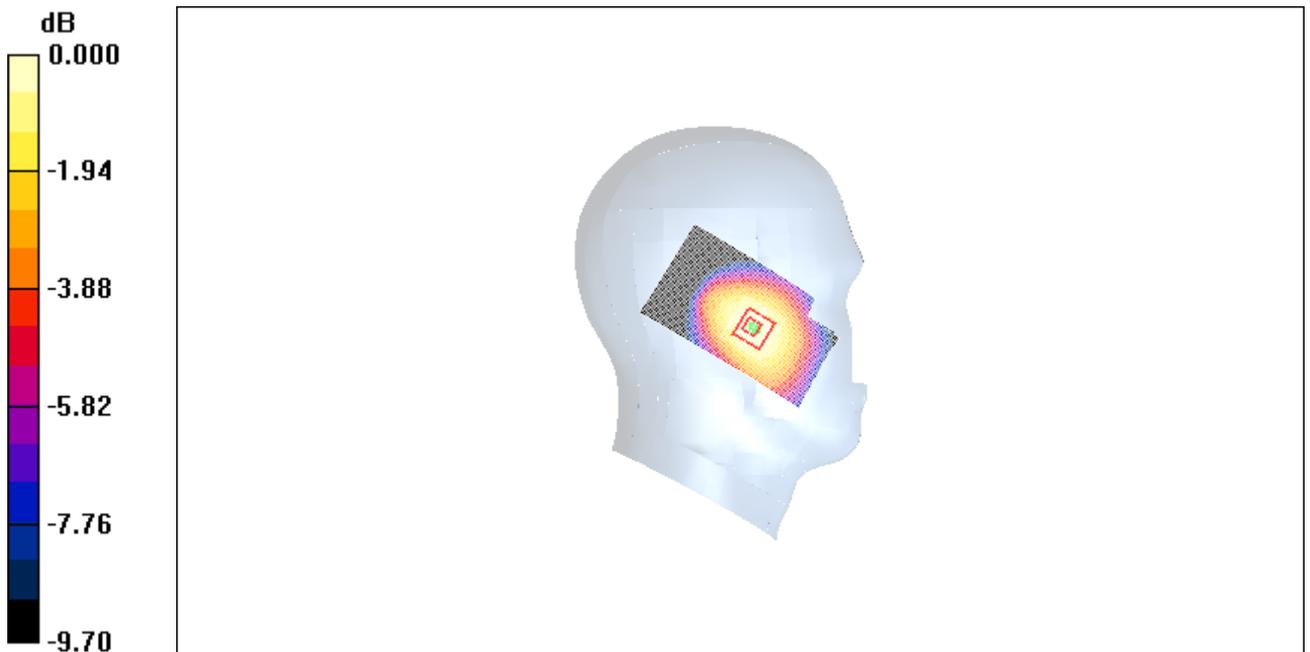Maximum value of SAR (interpolated) = 0.118 mW/g

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

Reference Value = 8.07 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.117 mW/g

0 dB = 0.117mW/g

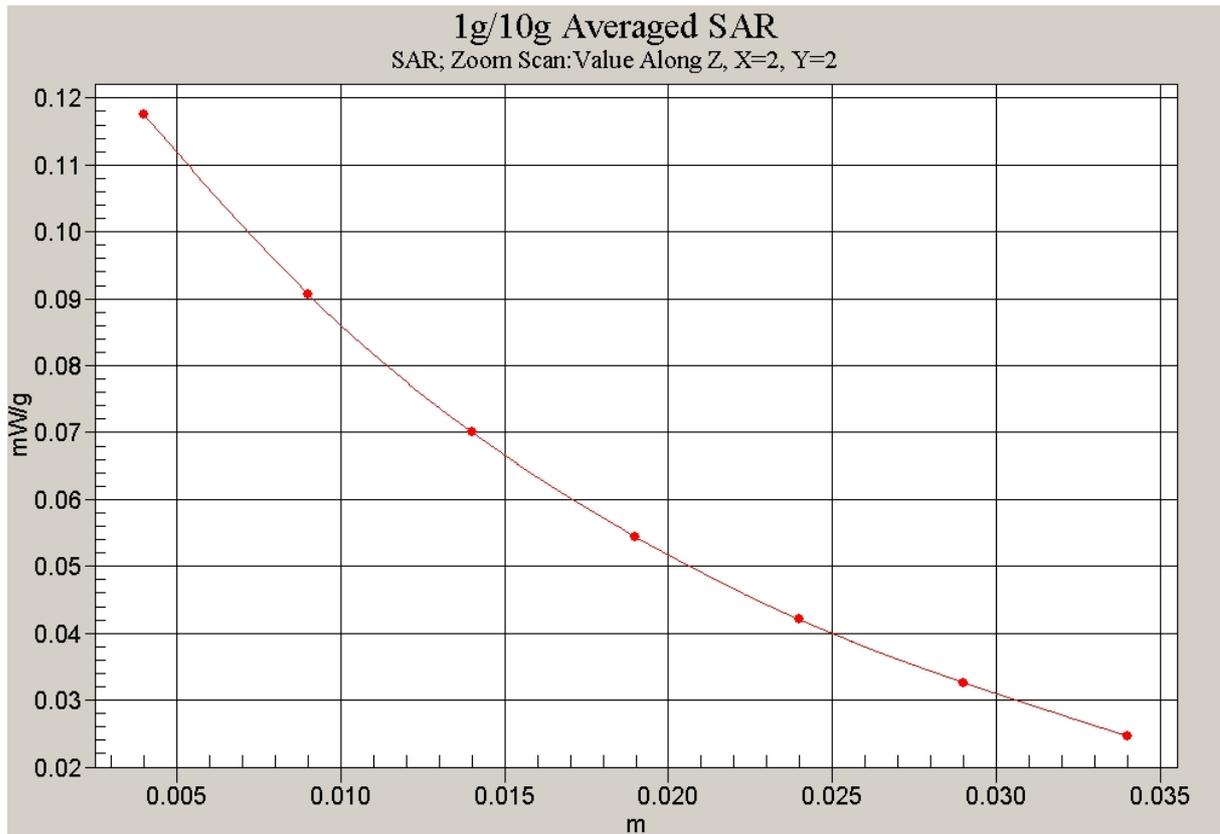**Fig.155 850 MHz CH251 – Slide down**

Fig. 156 Z-Scan at power reference point (850 MHz CH251) – Slide down

850 Left Tilt Middle – Slide down

Date/Time: 2009-2-8 16:08:29

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m³

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

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

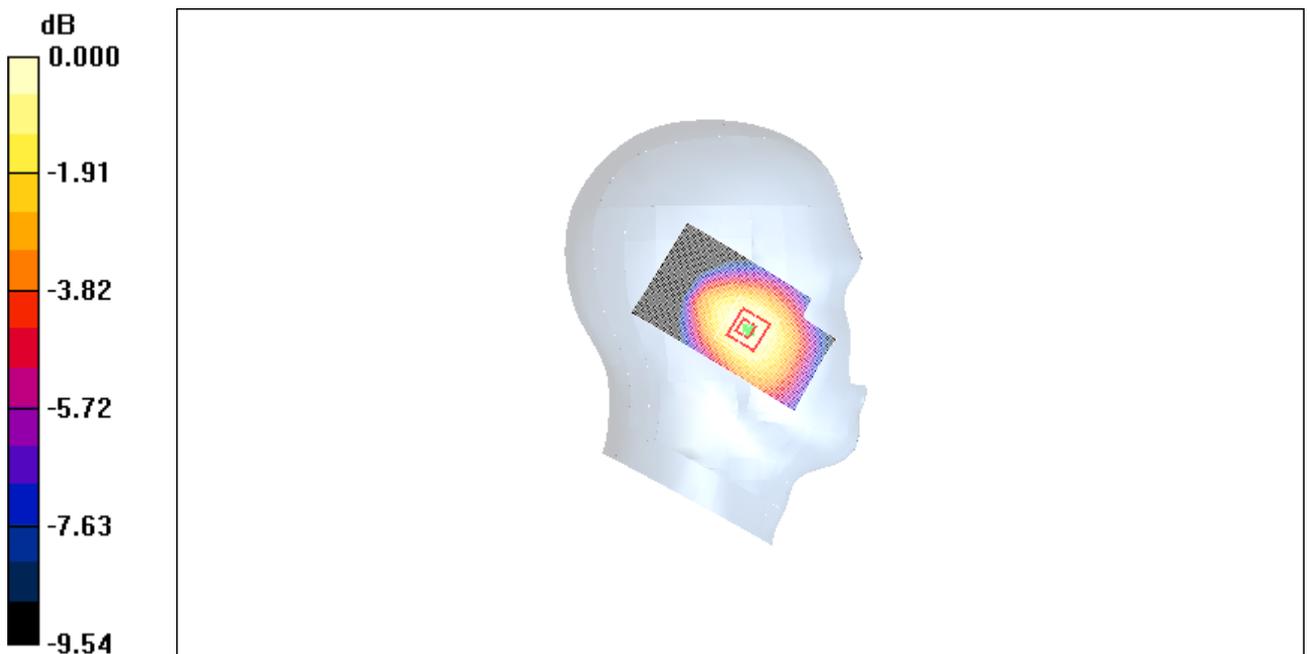Maximum value of SAR (interpolated) = 0.128 mW/g

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

Reference Value = 8.50 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.088 mW/g

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

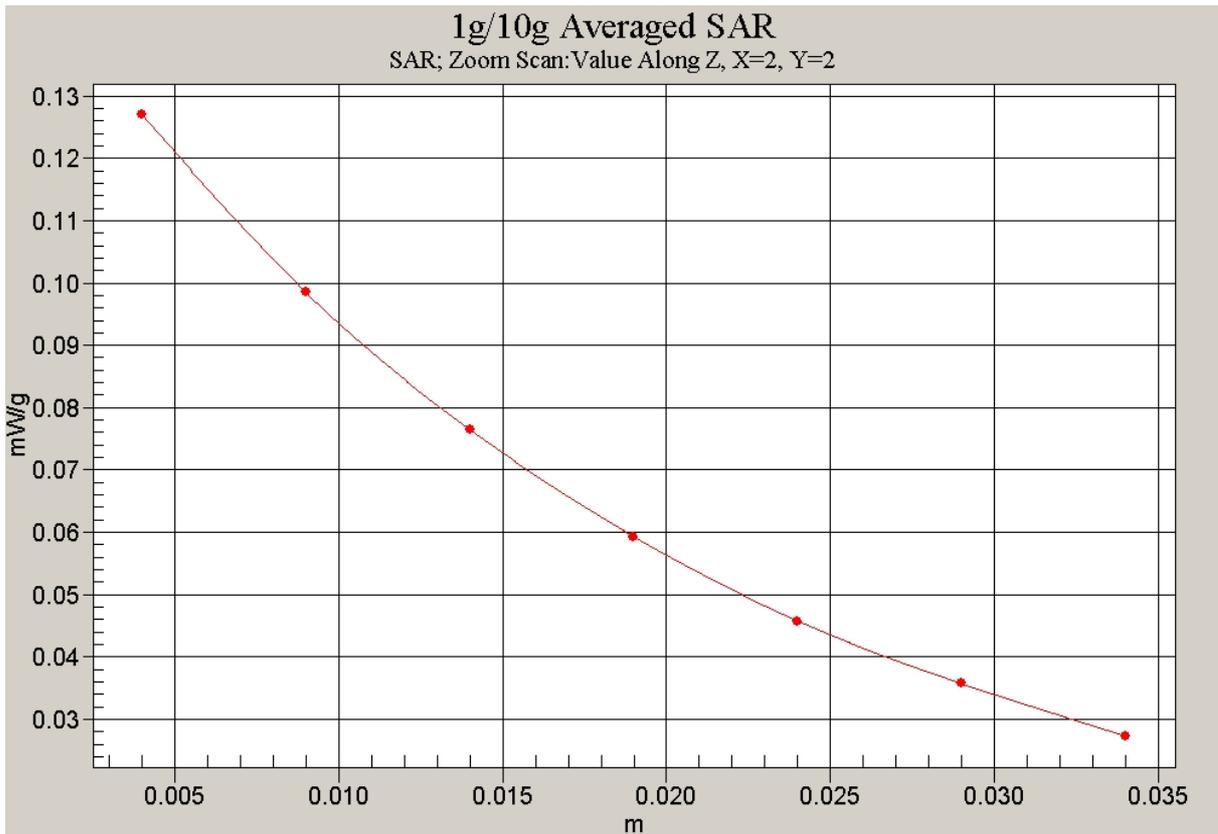
0 dB = 0.127mW/g

Fig. 157   850 MHz CH190 – Slide down

Fig. 158 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Left Tilt Low – Slide down

Date/Time: 2009-2-8 16:21:50

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.154 mW/g

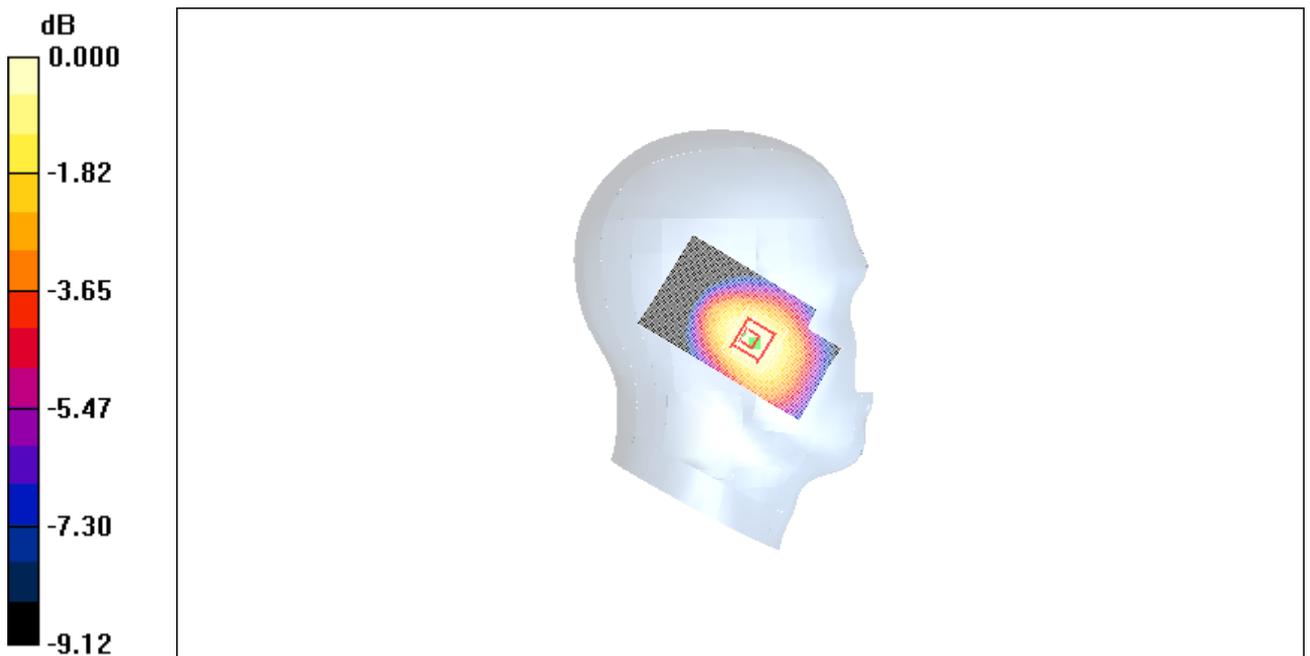**Tilt Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.84 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.154 mW/g

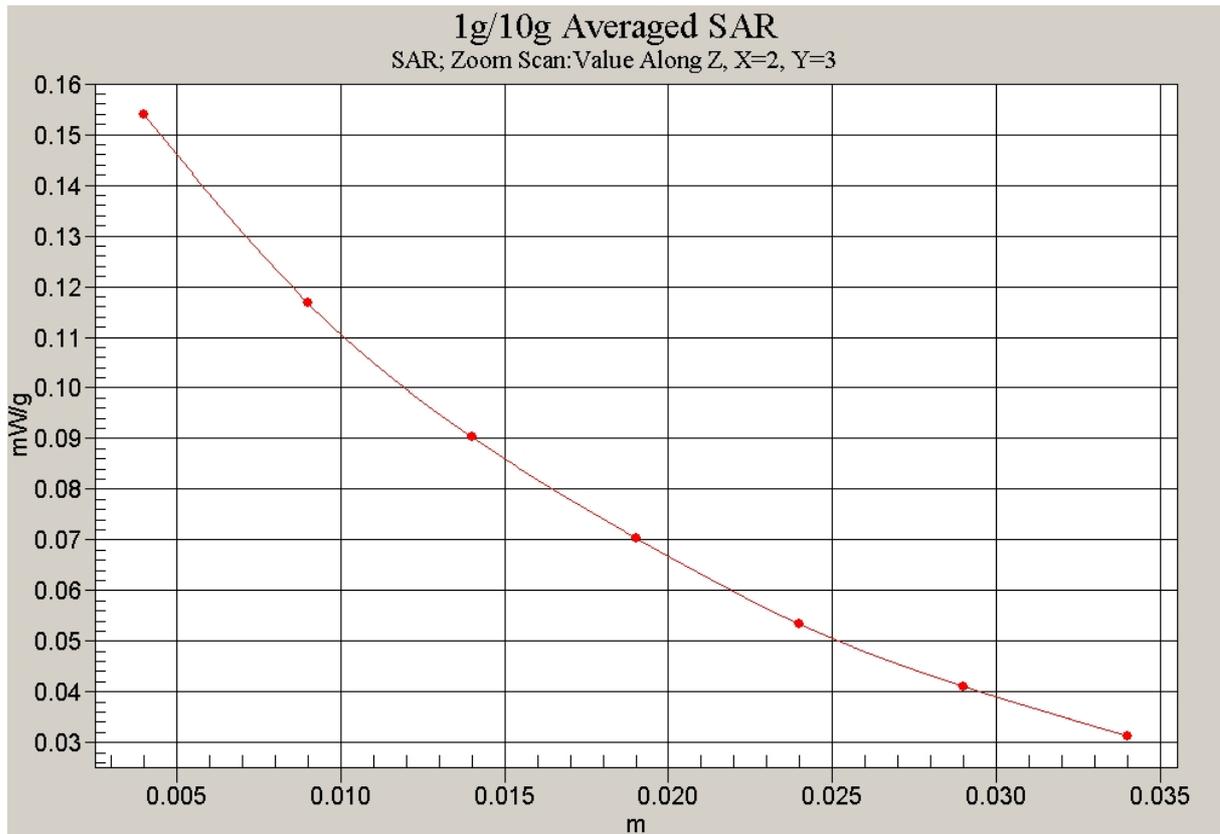

0 dB = 0.154mW/g

Fig. 159   850 MHz CH128 – Slide down

Fig. 160 Z-Scan at power reference point (850 MHz CH128) – Slide down

850 Right Cheek High – Slide down

Date/Time: 2009-2-8 16:34:11

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.161 mW/g

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

Reference Value = 7.15 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.154 mW/g

0 dB = 0.154mW/g

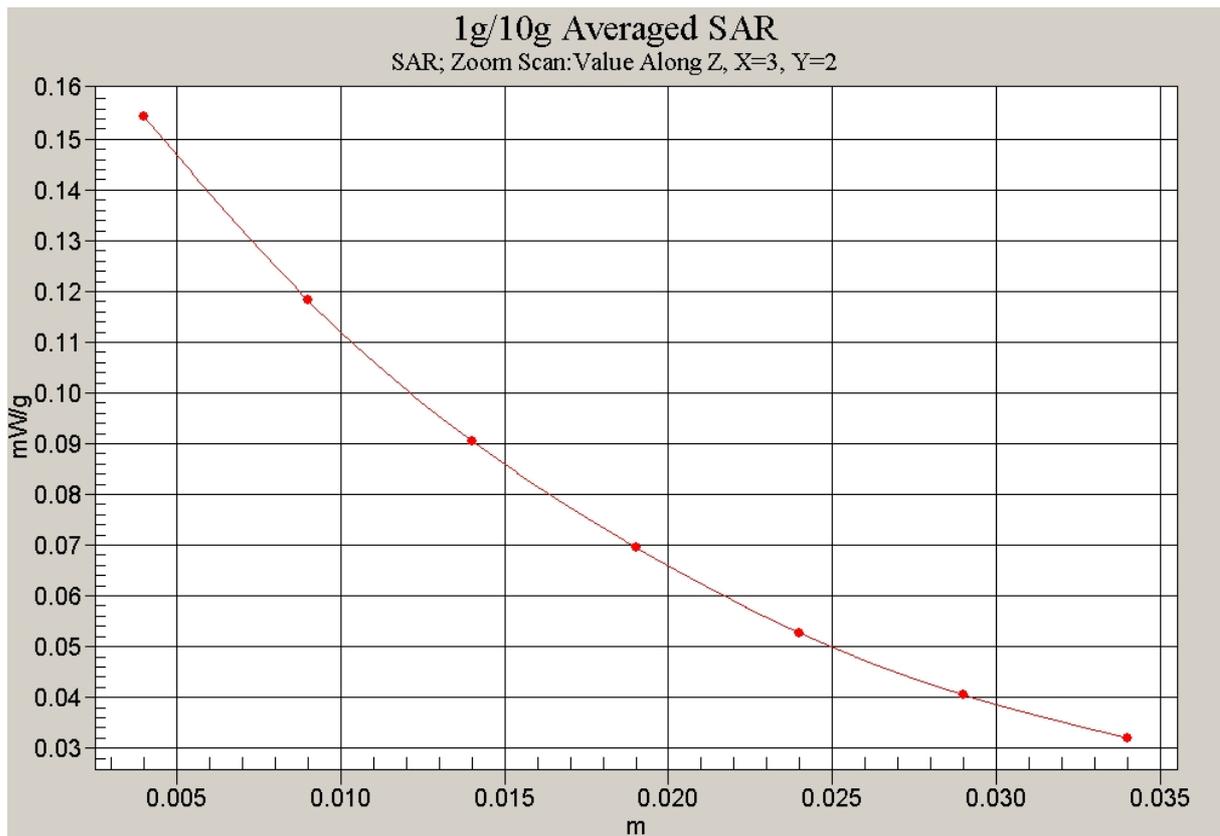**Fig. 161   850 MHz CH251 – Slide down**

Fig. 162 Z-Scan at power reference point (850 MHz CH251) – Slide down

850 Right Cheek Middle – Slide down

Date/Time: 2009-2-8 16:47:20

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m³

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

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.165 mW/g

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

Reference Value = 7.10 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.117 mW/g
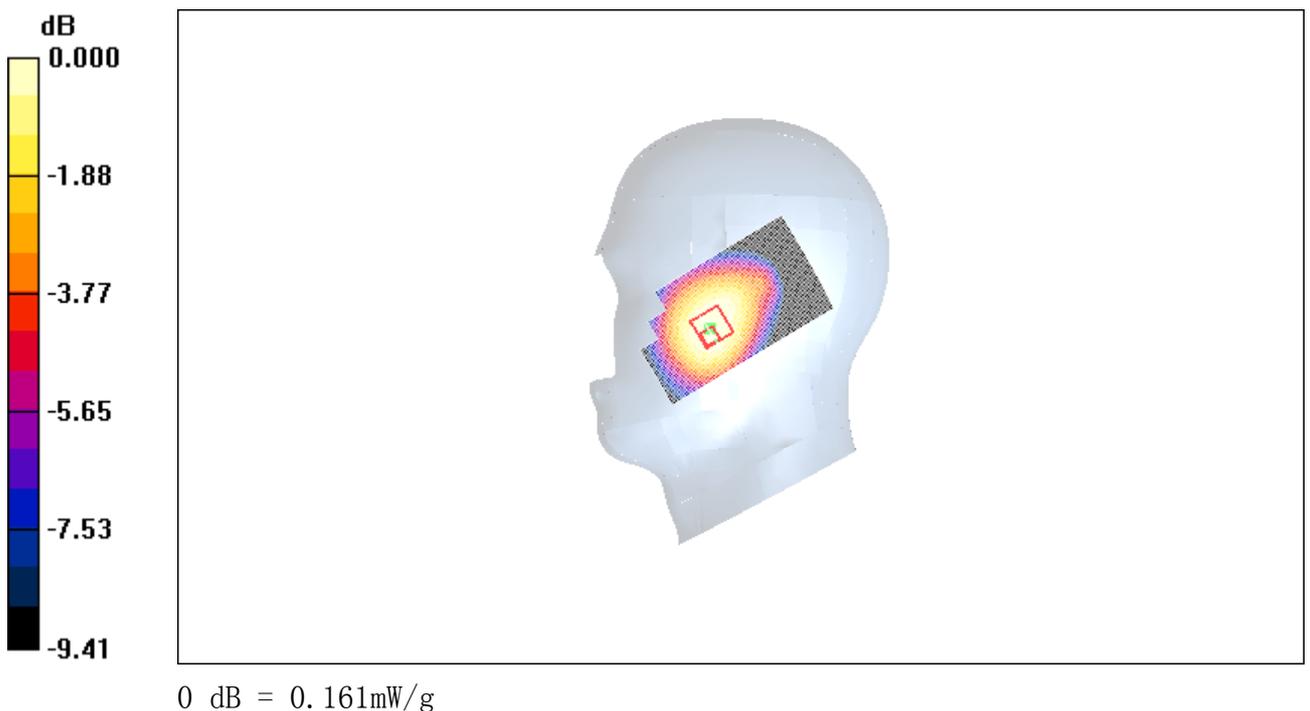
Maximum value of SAR (measured) = 0.161 mW/g

0 dB = 0.161mW/g

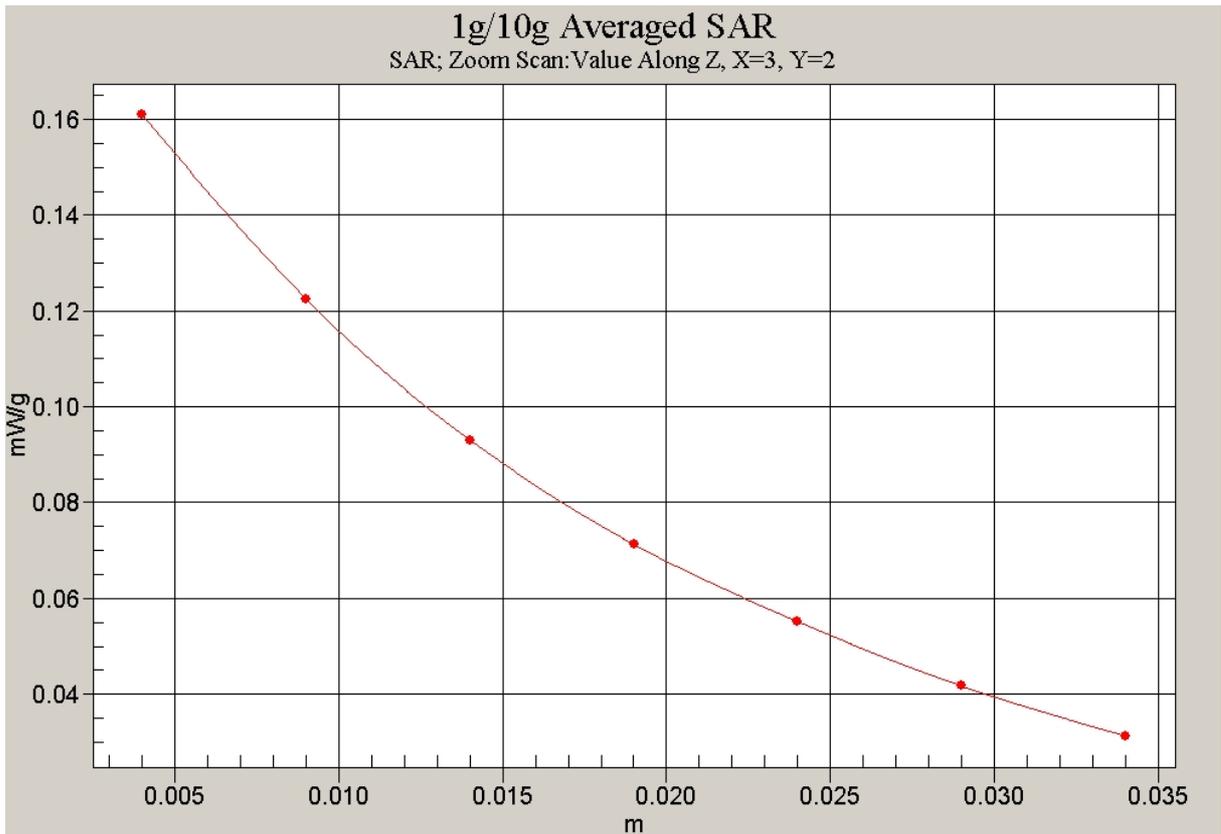**Fig. 163   850 MHz CH190 – Slide down**

Fig. 164 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Right Cheek Low – Slide down

Date/Time: 2009-2-8 17:00:19

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 40.4; ρ = 1000 kg/m³

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

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
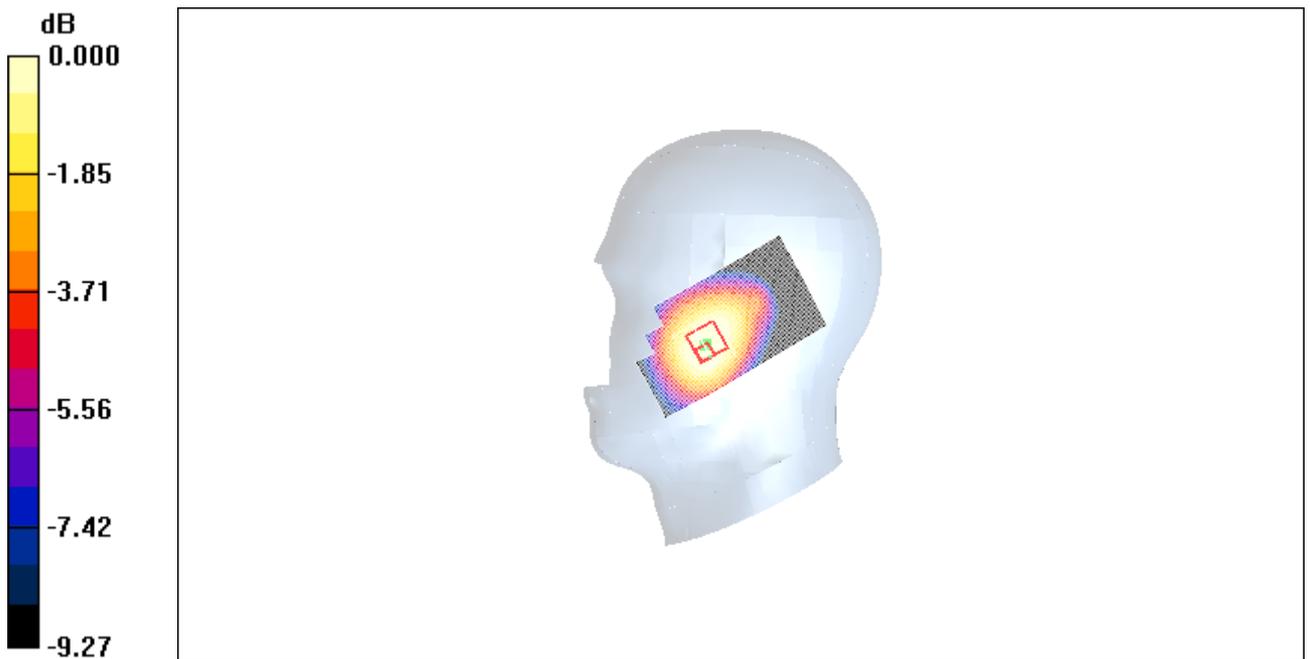
Maximum value of SAR (interpolated) = 0.204 mW/g

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

Reference Value = 7.95 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.197 mW/g

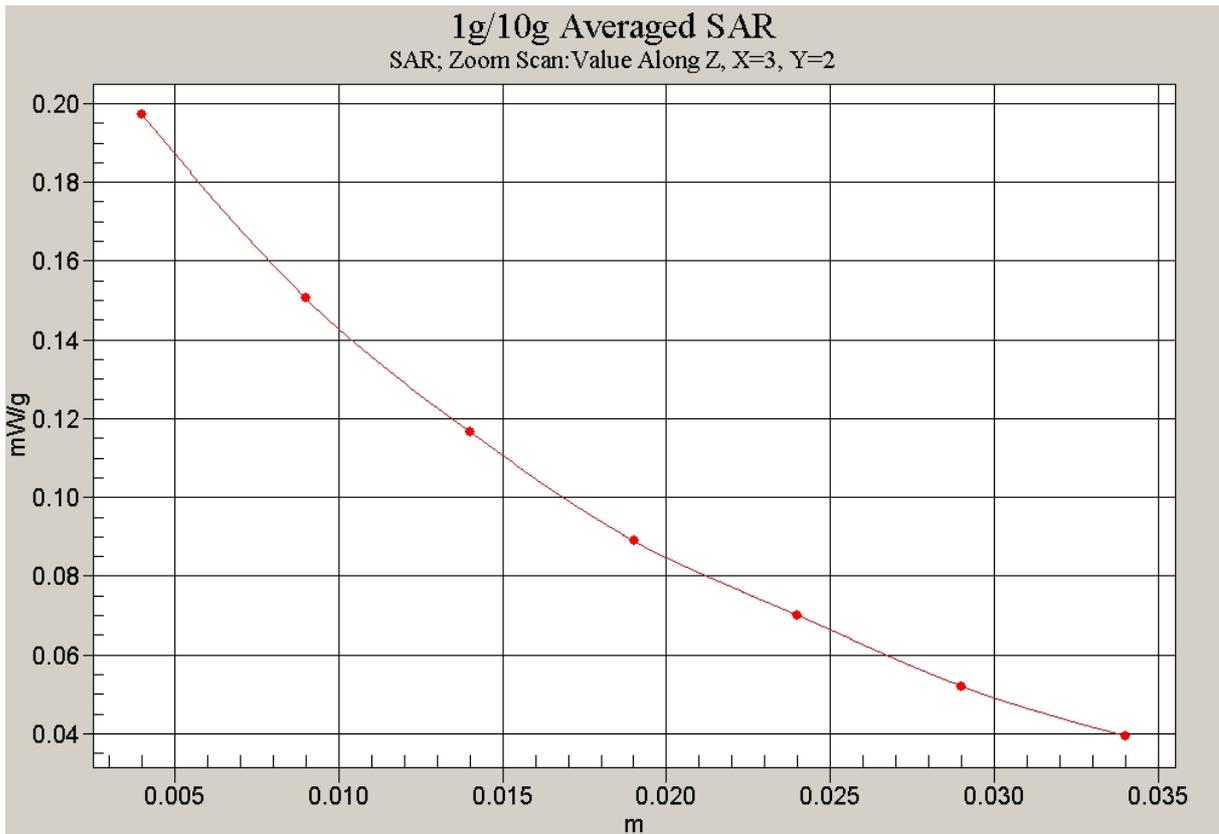0 dB = 0.197mW/g

Fig. 165   850 MHz CH128 – Slide down

Fig.166 Z-Scan at power reference point (850 MHz CH128) – Slide down

850 Right Tilt High – Slide down

Date/Time: 2009-2-8 17:13:22

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

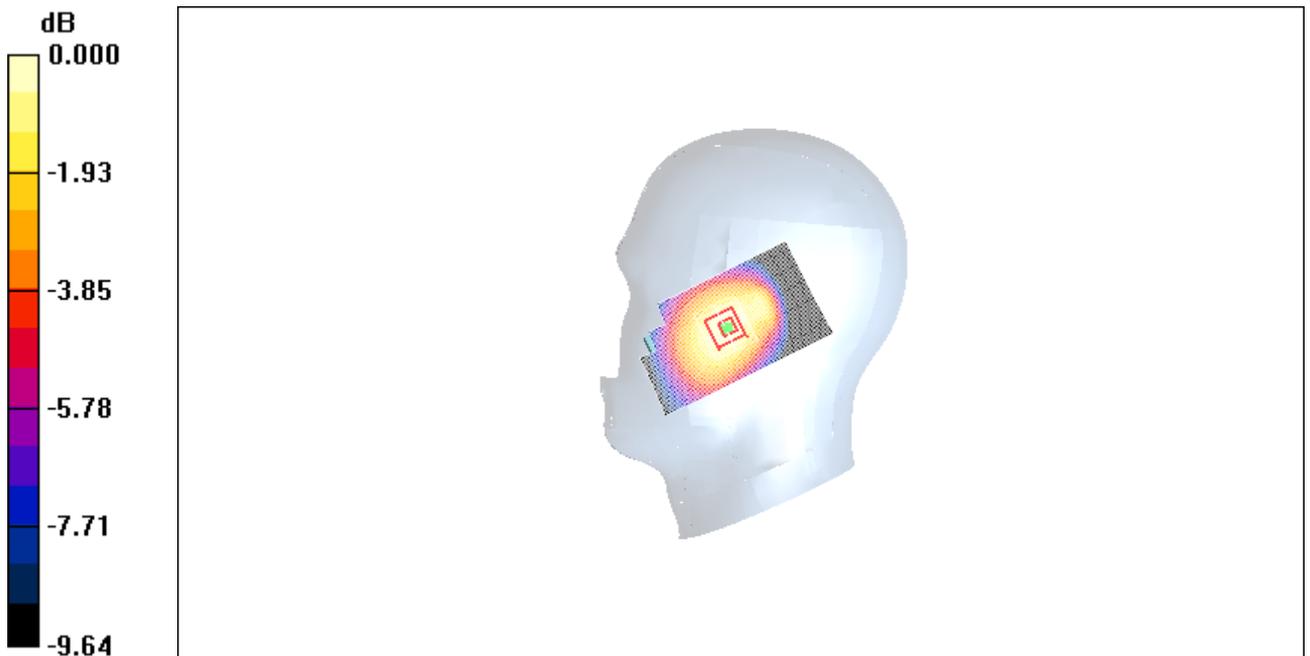Maximum value of SAR (interpolated) = 0.122 mW/g

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

Reference Value = 8.65 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.121 mW/g

0 dB = 0.121mW/g

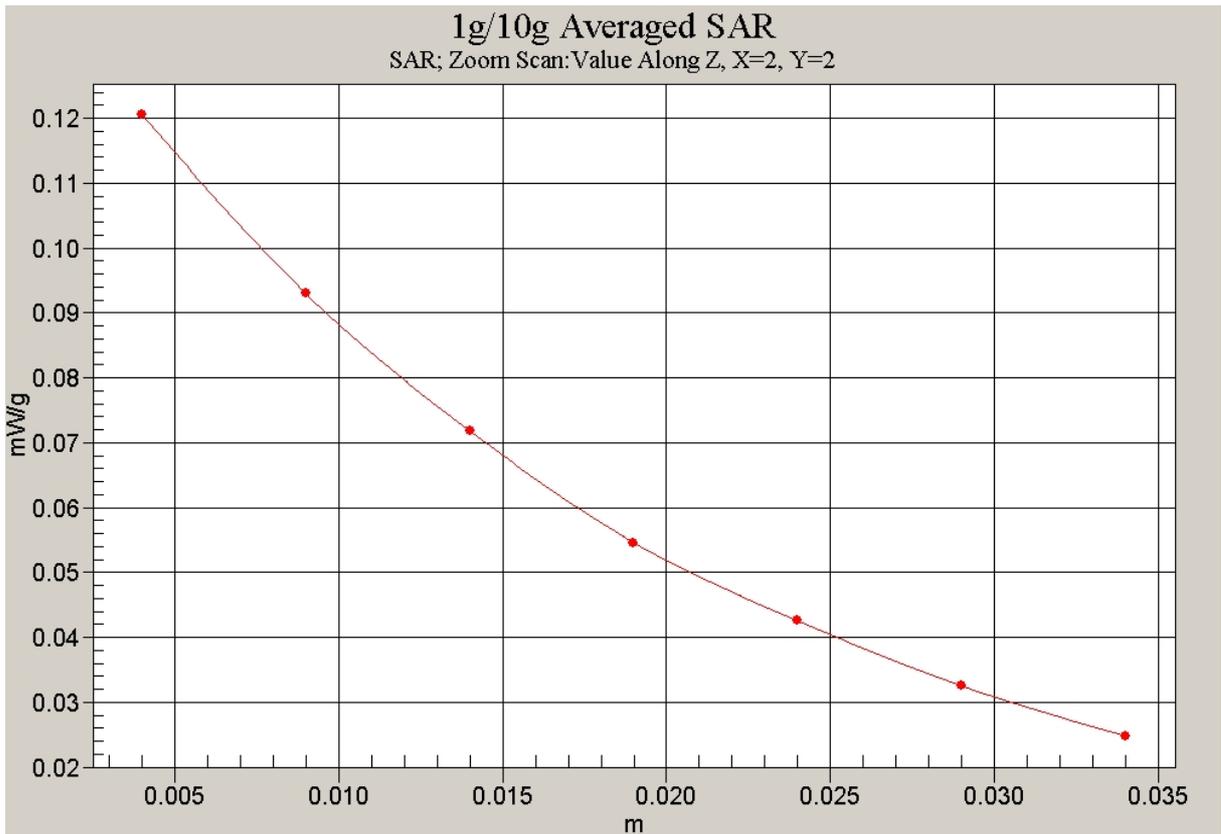**Fig.167   850 MHz CH251 – Slide down**

Fig.168 Z-Scan at power reference point (850 MHz CH251) – Slide down

850 Right Tilt Middle – Slide down

Date/Time: 2009-2-8 17:26:36

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.131 mW/g

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

Reference Value = 9.07 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.130 mW/g

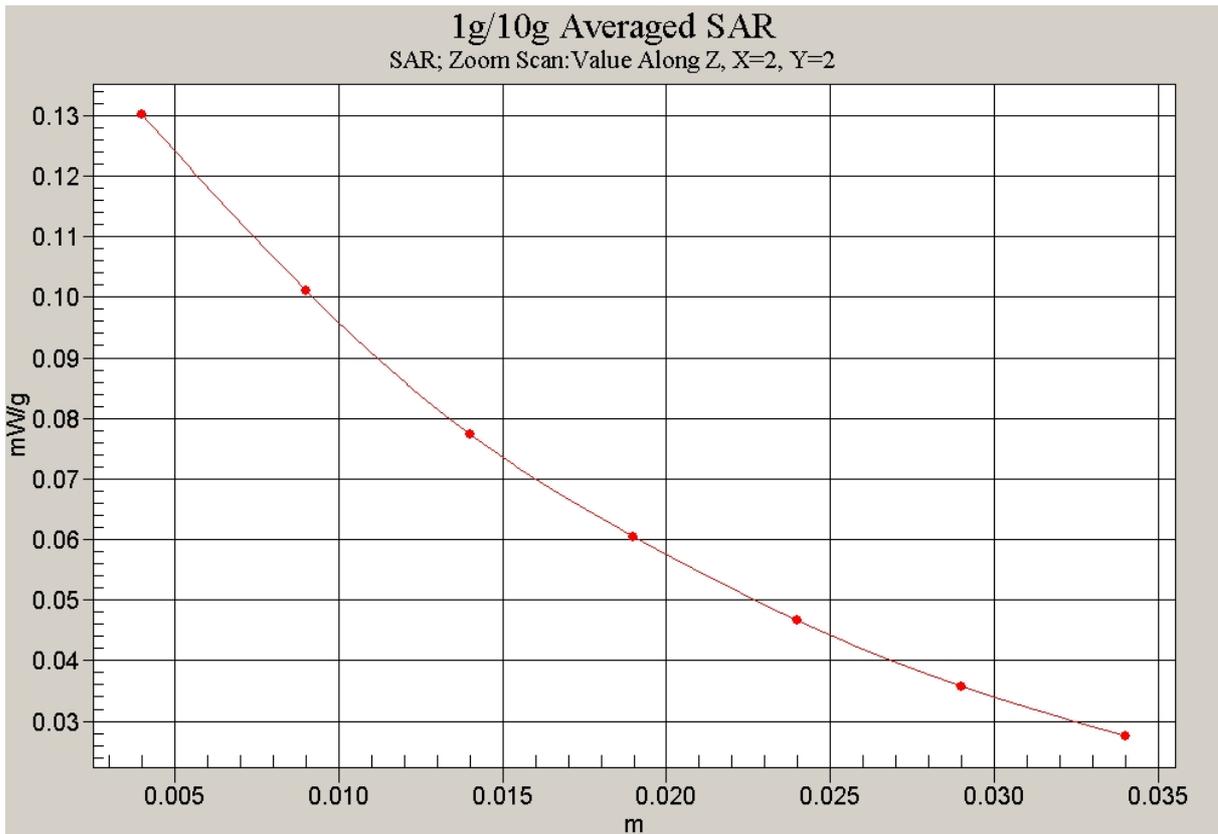
0 dB = 0.130mW/g

Fig. 169   850 MHz CH190 – Slide down

Fig. 170 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Right Tilt Low – Slide down

Date/Time: 2009-2-8 17:39:39

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
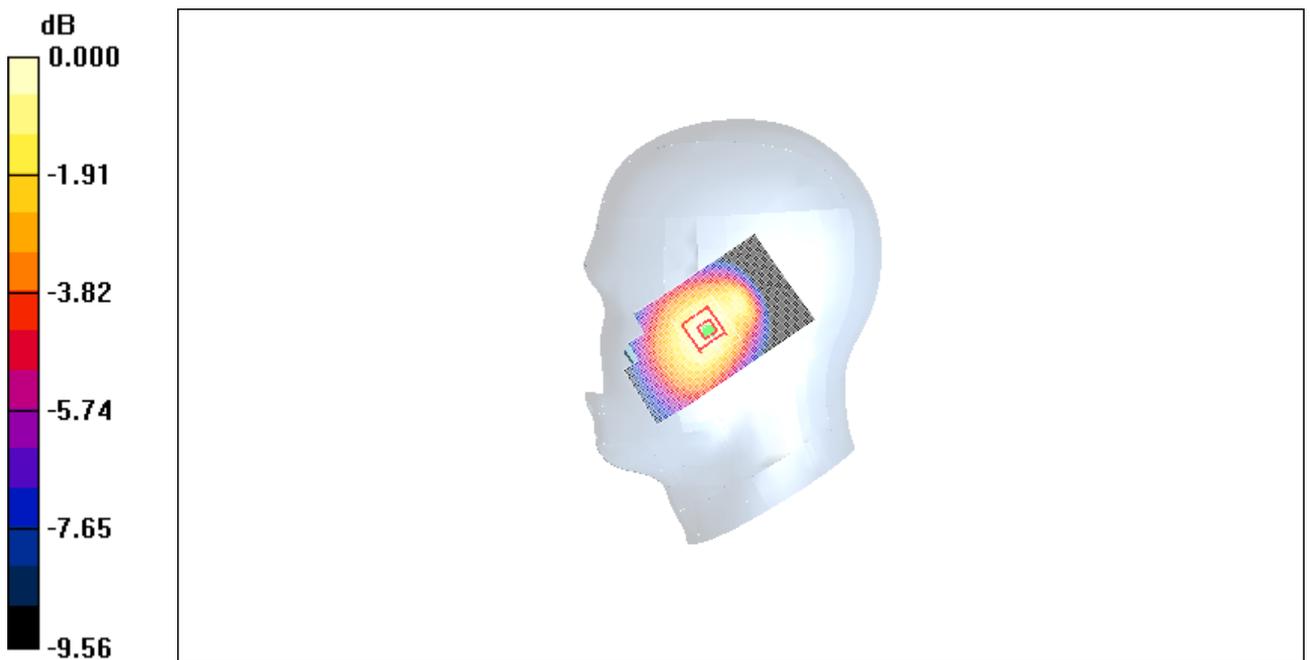
Maximum value of SAR (interpolated) = 0.158 mW/g

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

Reference Value = 10.0 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.160 mW/g

0 dB = 0.160mW/g

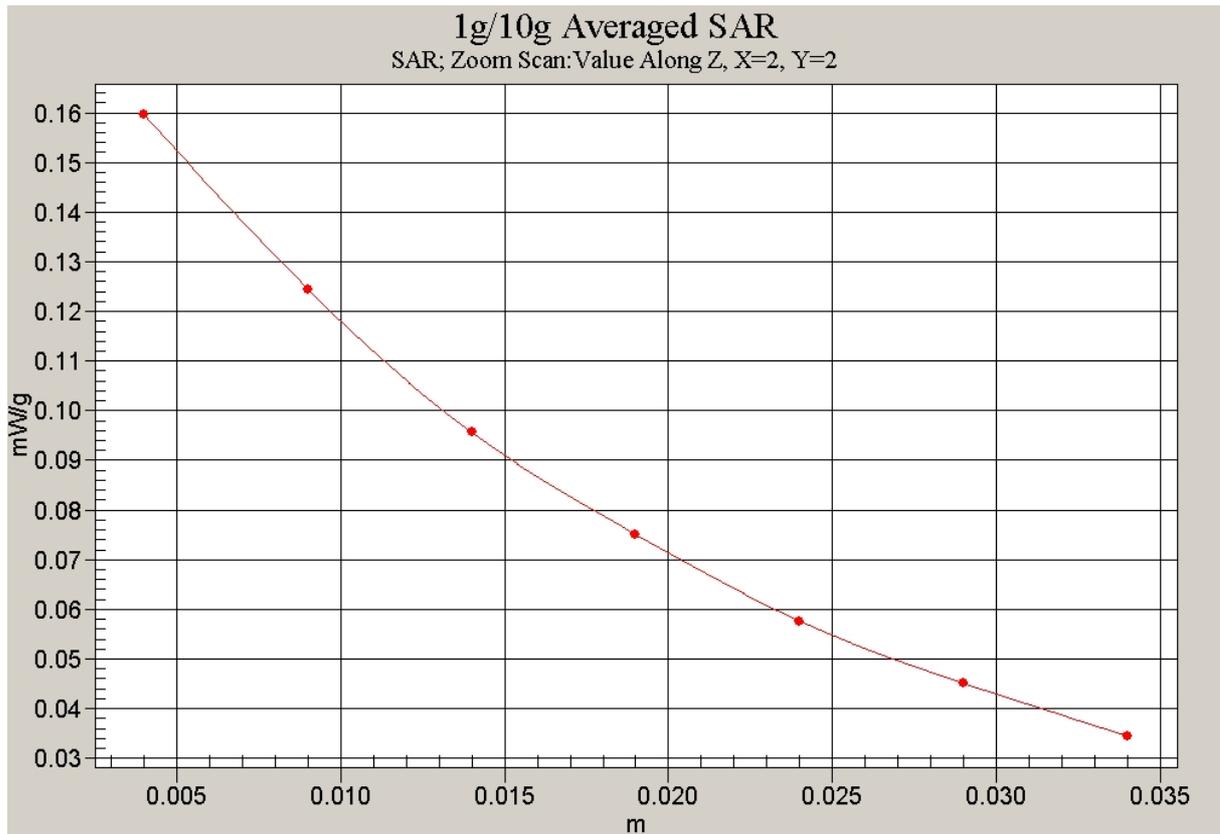**Fig.171   850 MHz CH128 – Slide down**

Fig. 172 Z-Scan at power reference point (850 MHz CH128) – Slide down

850 Left Cheek High – Slide up

Date/Time: 2009-2-8 17:53:42

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

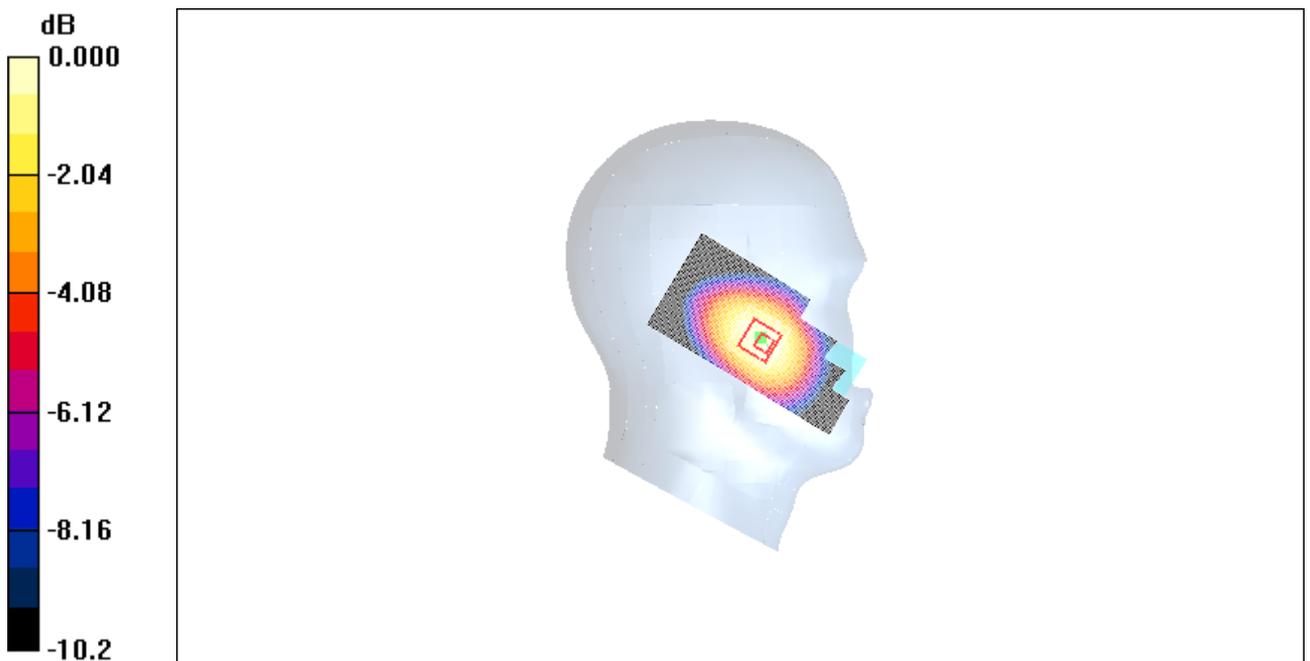Maximum value of SAR (interpolated) = 0.586 mW/g

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

Reference Value = 12.5 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 0.584 mW/g

0 dB = 0.584mW/g

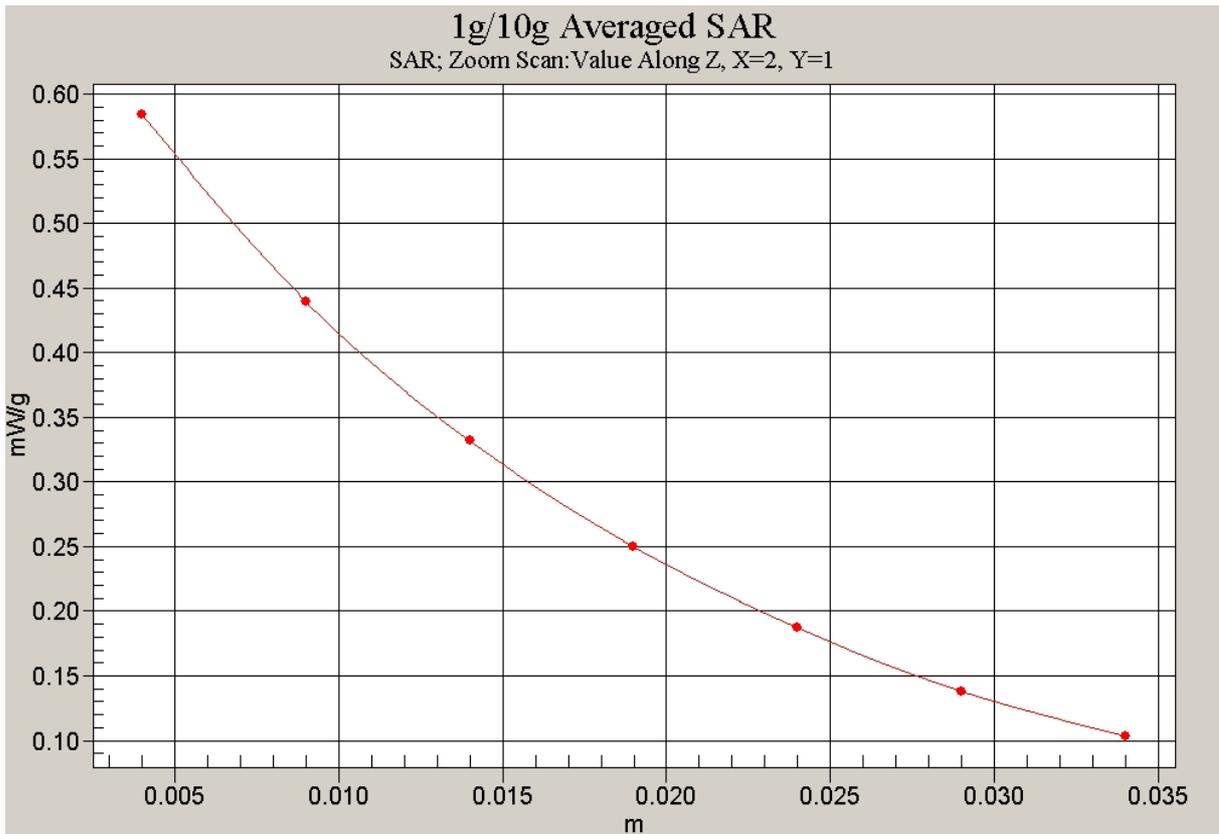**Fig. 173   850MHz CH251 – Slide up**

Fig. 174 Z-Scan at power reference point (850 MHz CH251) – Slide up

850 Left Cheek Middle – Slide up

Date/Time: 2009-2-8 18:07:08

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

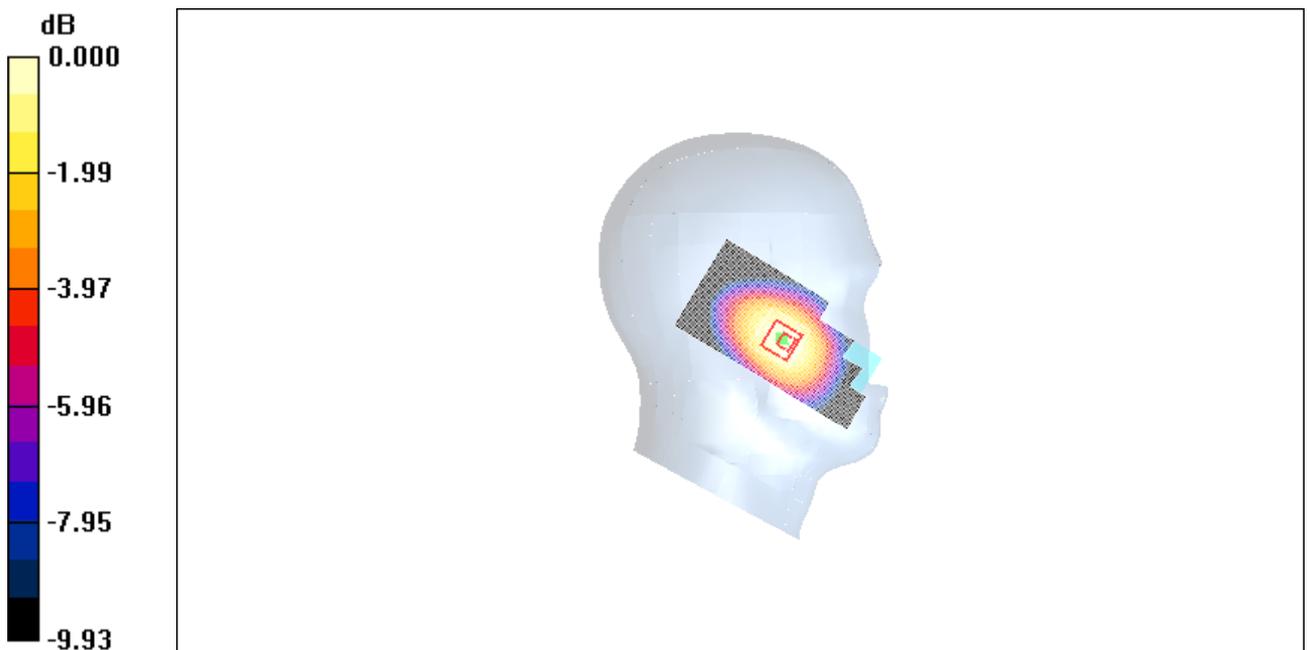Maximum value of SAR (interpolated) = 0.666 mW/g

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

Reference Value = 13.3 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.667 mW/g

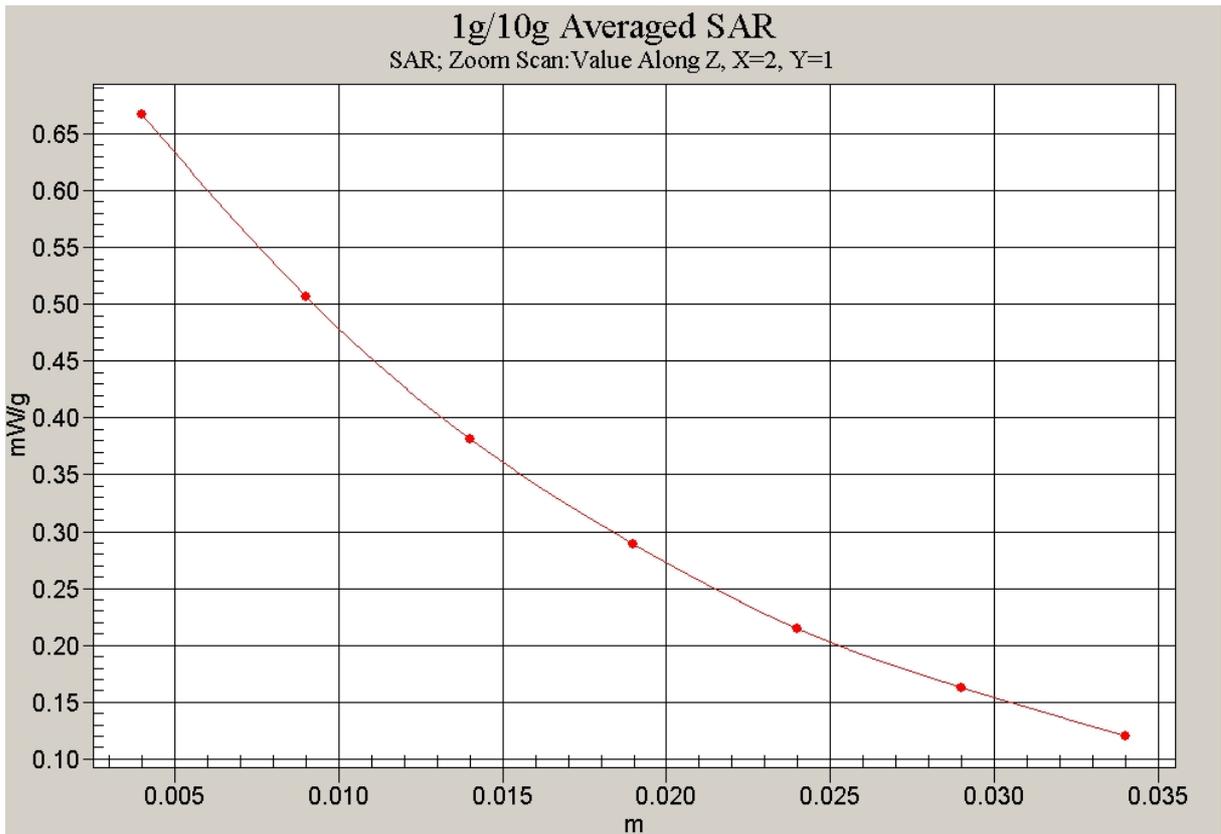0 dB = 0.667mW/g

Fig. 175   850 MHz CH190 – Slide up

Fig. 176 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Left Cheek Low – Slide up

Date/Time: 2009-2-8 18:21:55

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 40.4; ρ = 1000 kg/m³

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

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.600 mW/g

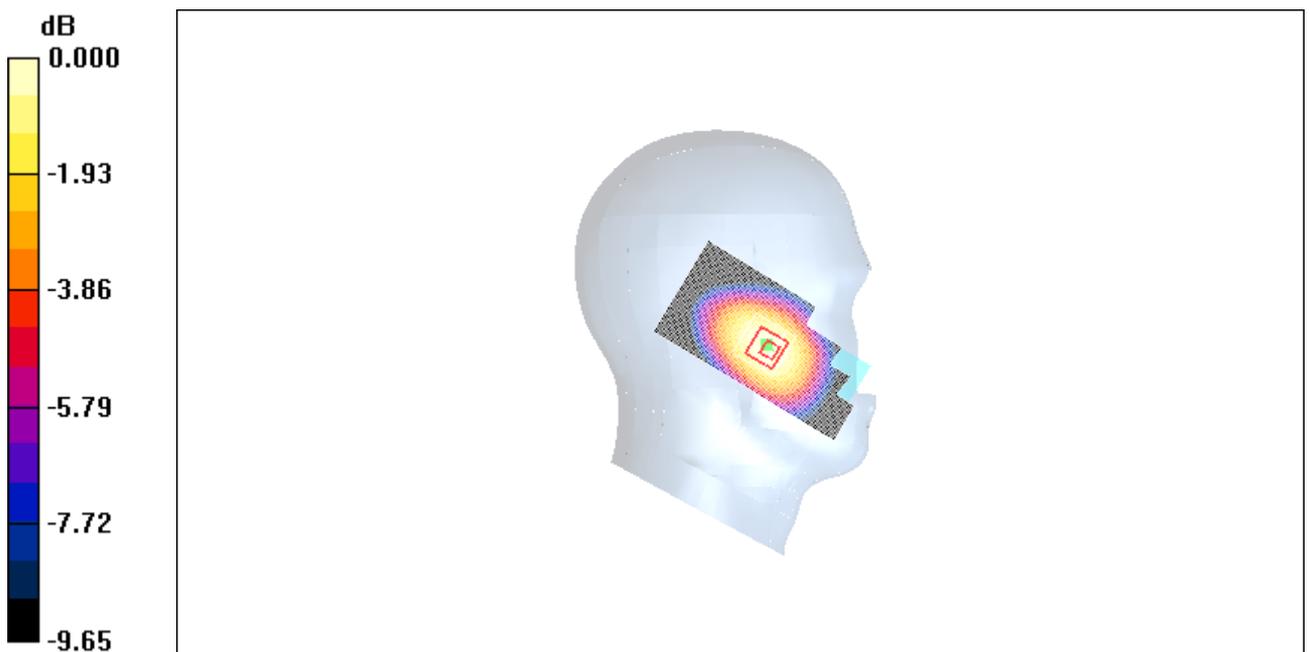**Cheek Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.606 mW/g

0 dB = 0.606mW/g
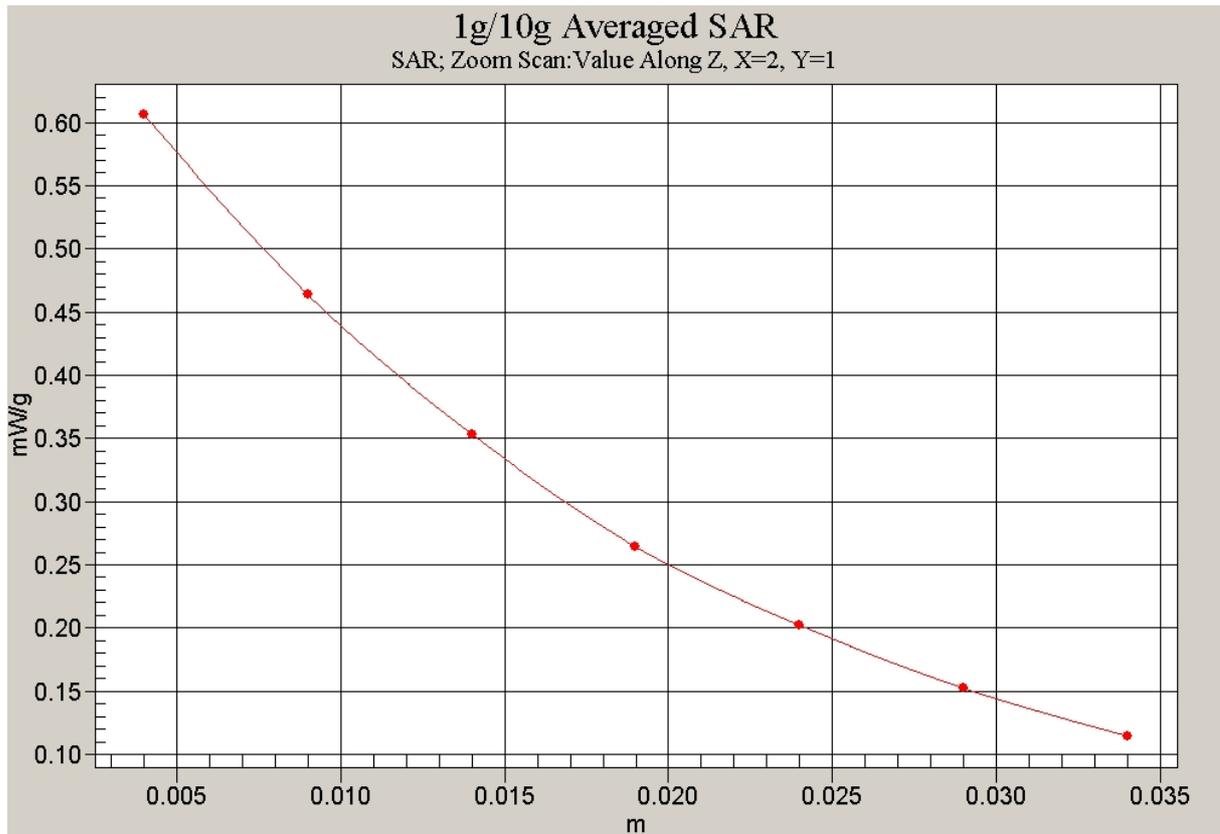
Fig. 177   850 MHz CH128 – Slide up

Fig.178 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Left Tilt High – Slide up

Date/Time: 2009-2-8 18:35:29

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

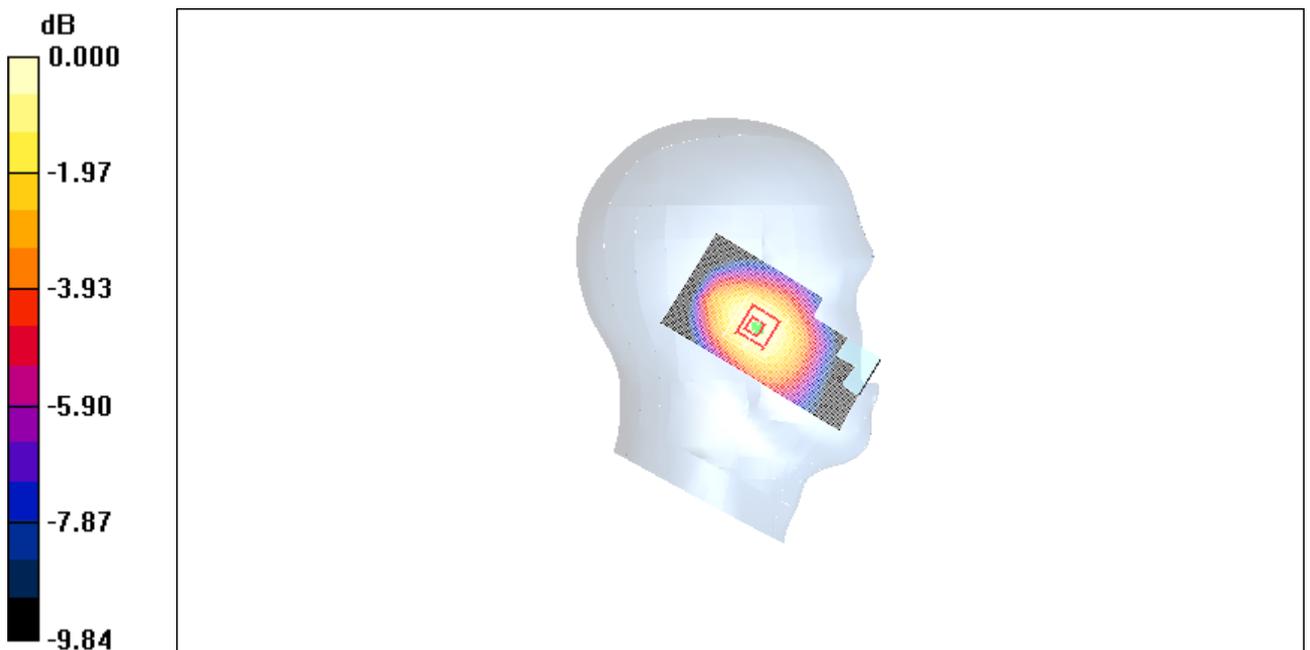Maximum value of SAR (interpolated) = 0.301 mW/g

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

Reference Value = 13.2 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.303 mW/g

0 dB = 0.303mW/g

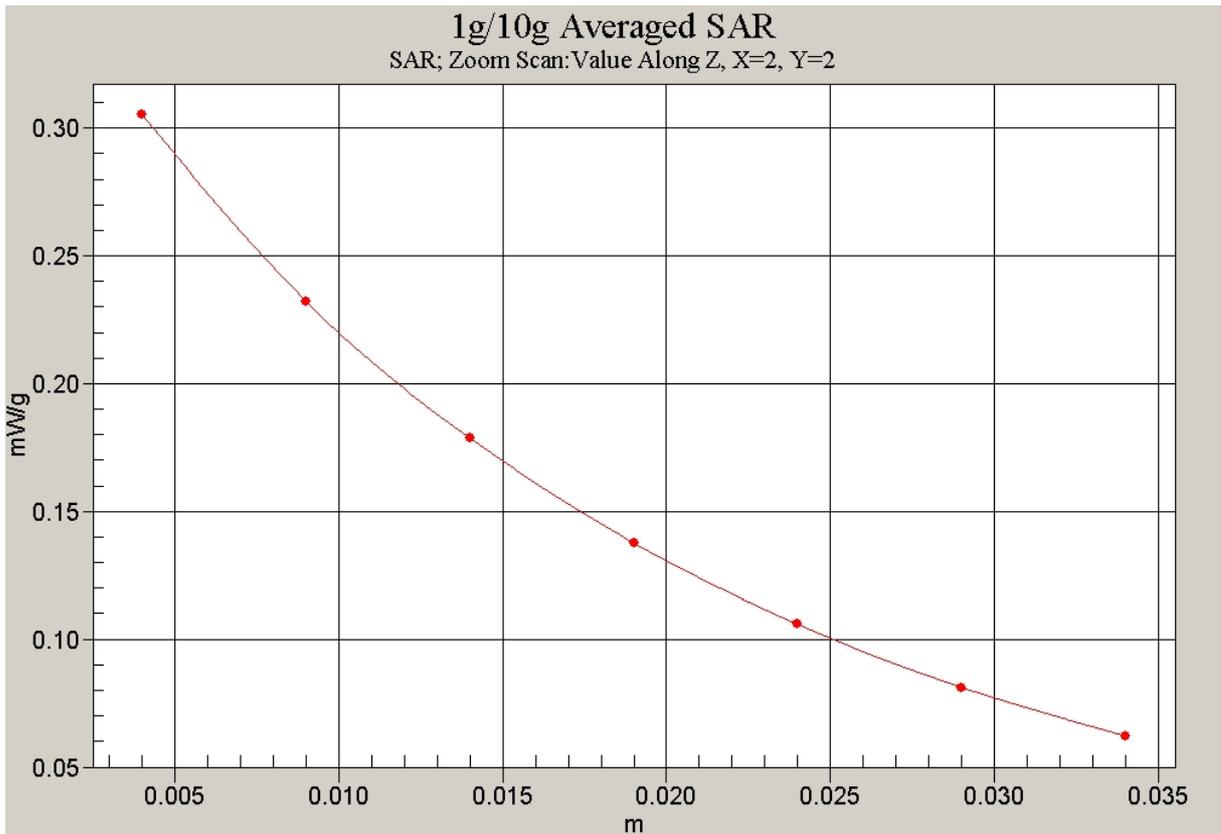**Fig.179 850 MHz CH251 – Slide** up

Fig. 180 Z-Scan at power reference point (850 MHz CH251) – Slide up

850 Left Tilt Middle – Slide up

Date/Time: 2009-2-8 18:49:03

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m³

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

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

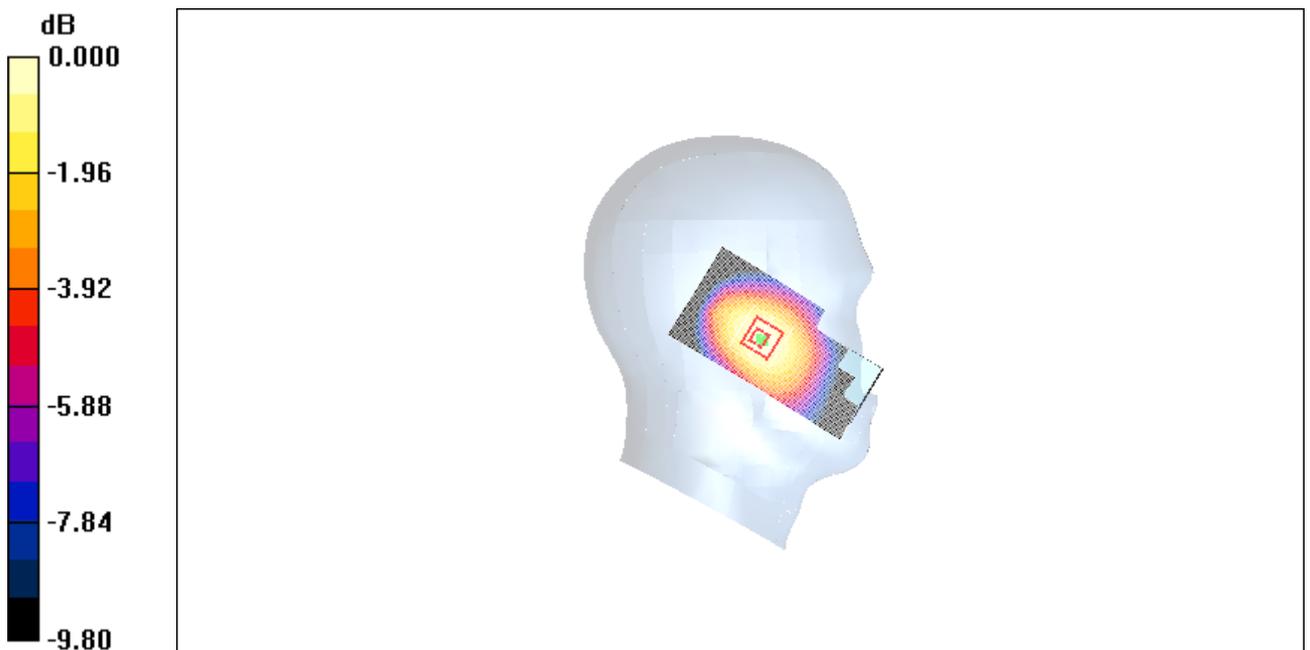Maximum value of SAR (interpolated) = 0.358 mW/g

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

Reference Value = 14.3 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.364 mW/g
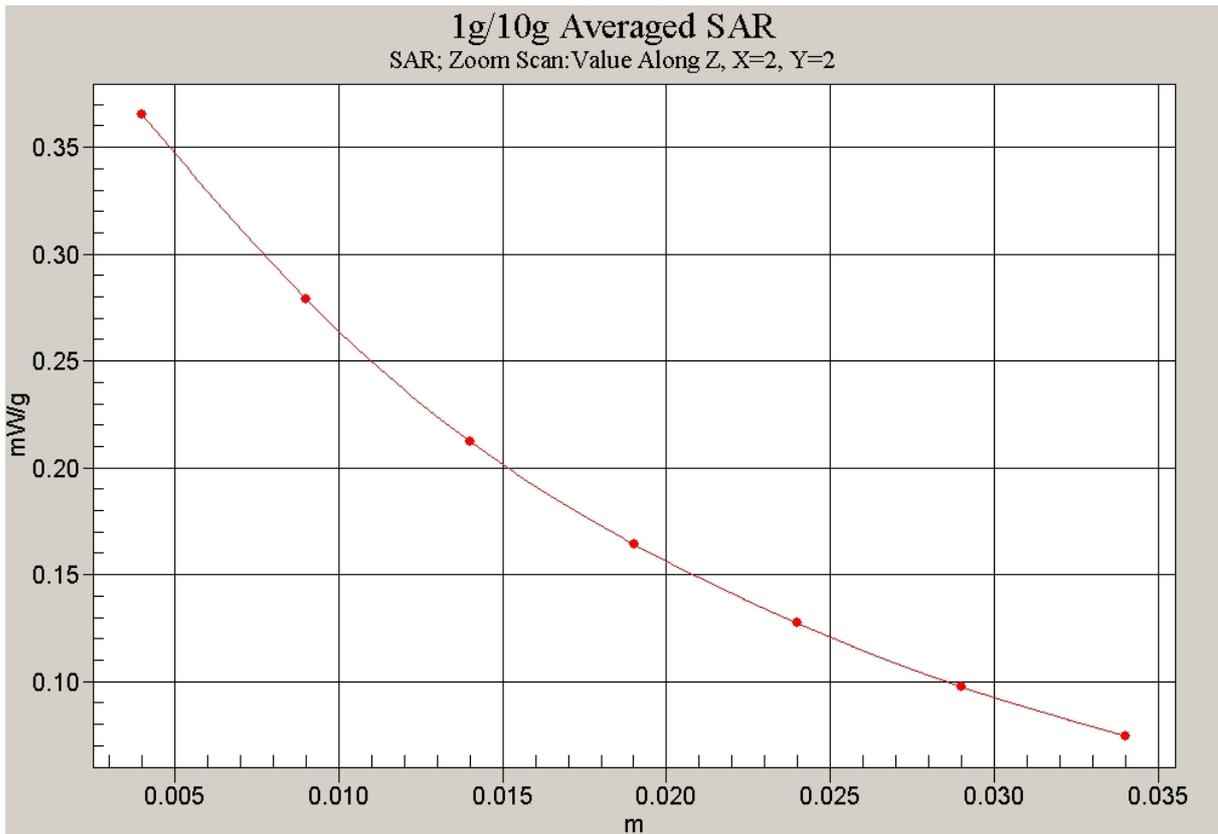

0 dB = 0.364mW/g

Fig. 181   850 MHz CH190 – Slide up

Fig. 182 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Left Tilt Low – Slide up

Date/Time: 2009-2-8 19:03:57

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 40.4; ρ = 1000 kg/m³

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

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.289 mW/g

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

Reference Value = 13.7 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.201 mW/g
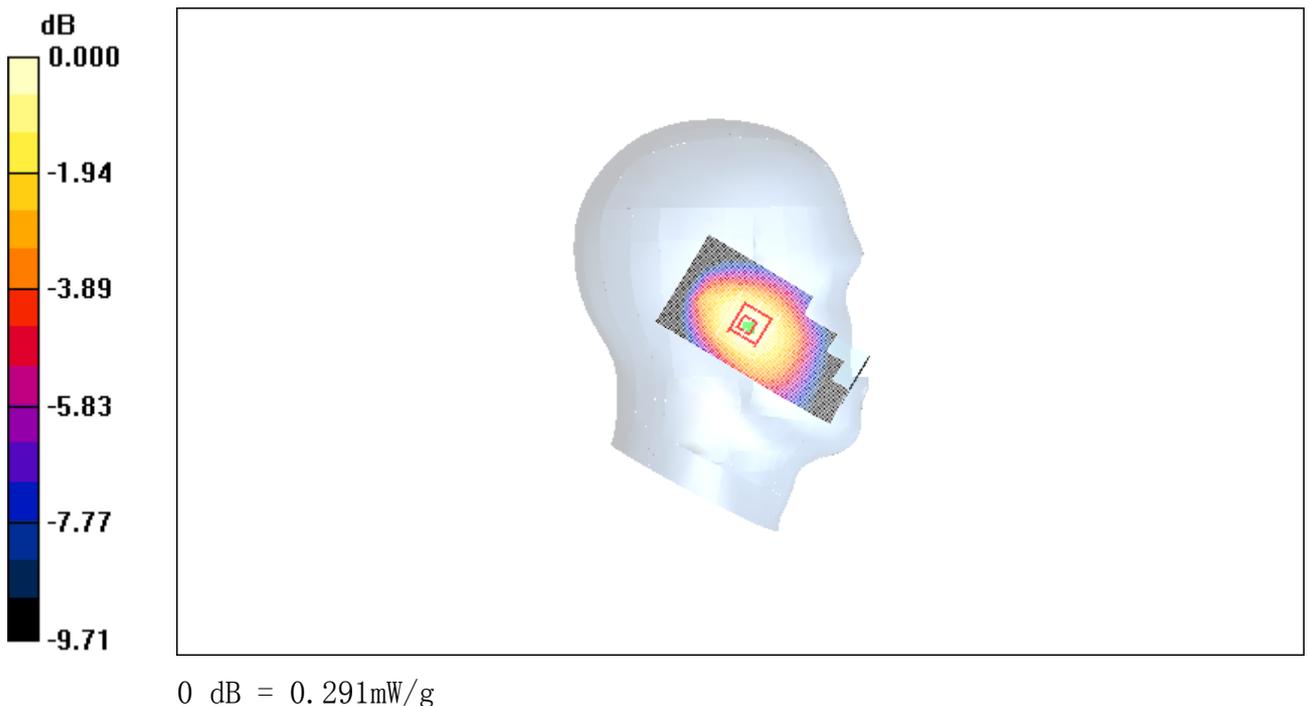
Maximum value of SAR (measured) = 0.291 mW/g

0 dB = 0.291mW/g

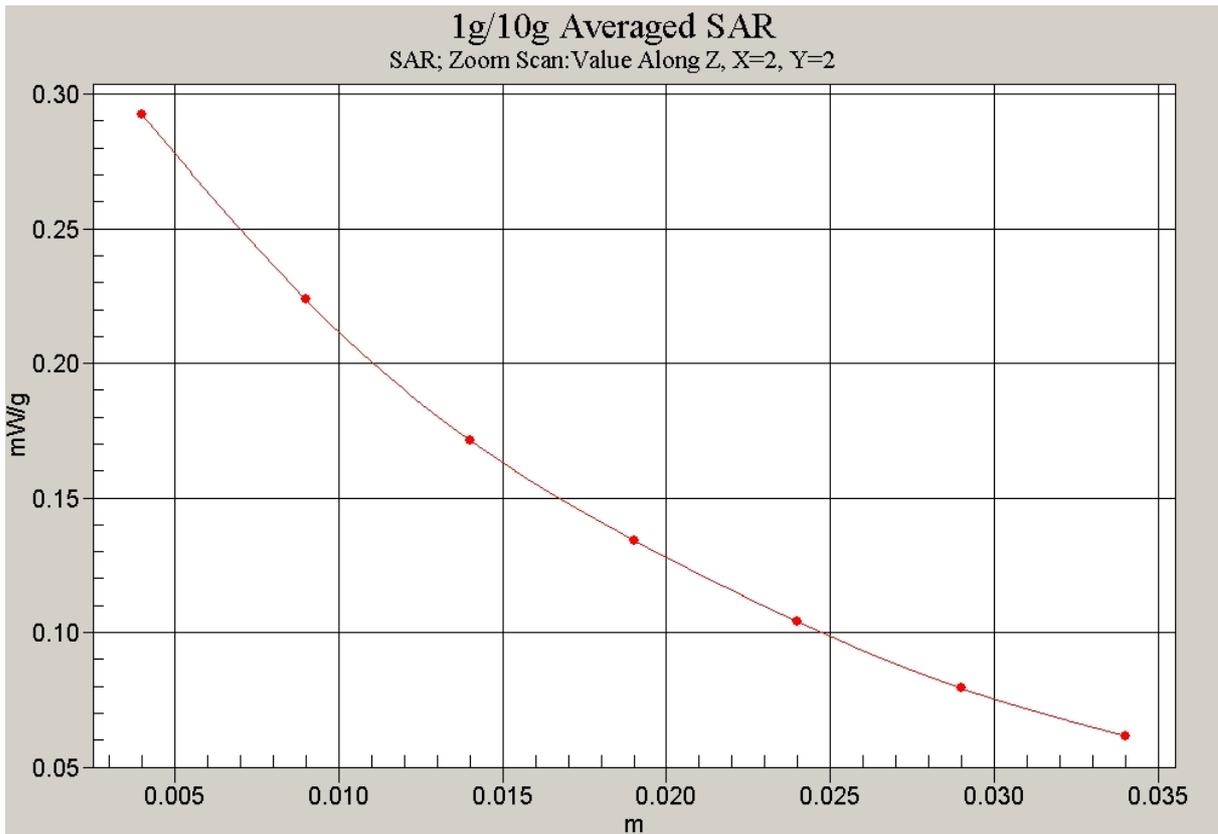**Fig. 183   850 MHz CH128 – Slide up**

Fig. 184 Z-Scan at power reference point (850 MHz CH128) – Slide up

850 Right Cheek High – Slide up

Date/Time: 2009-2-8 19:17:15

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

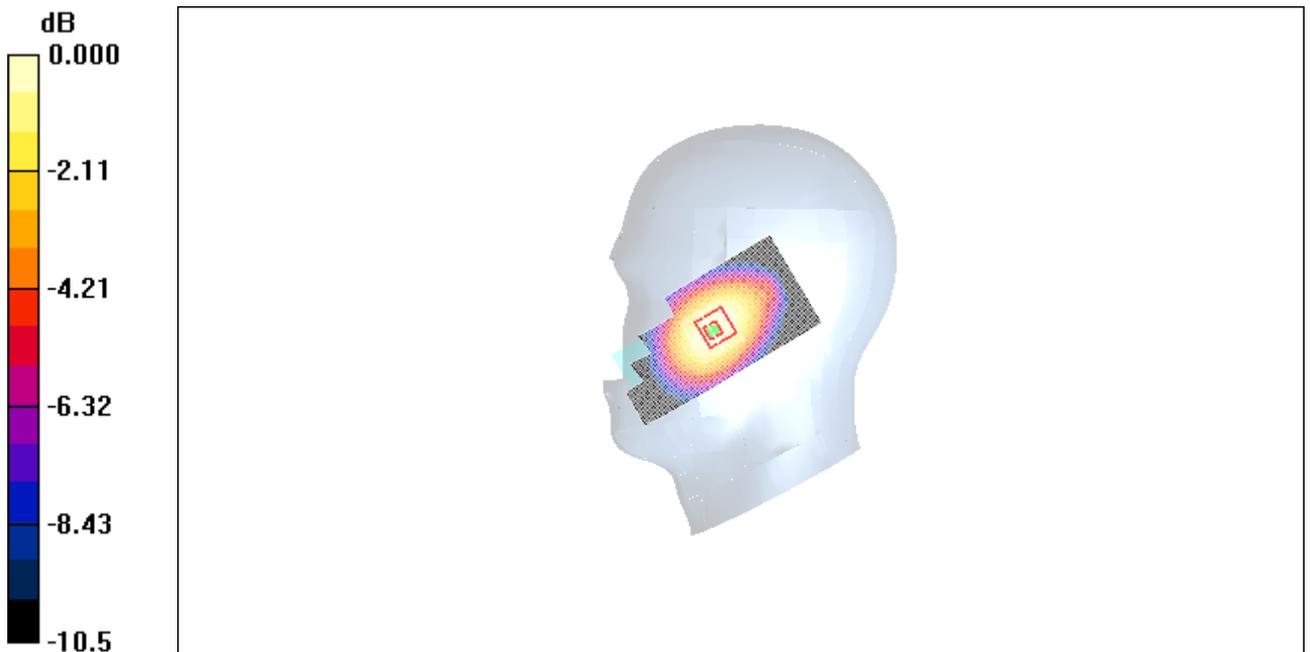Maximum value of SAR (interpolated) = 0.661 mW/g

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

Reference Value = 14.7 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.762 W/kg

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.435 mW/g

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

0 dB = 0.634mW/g

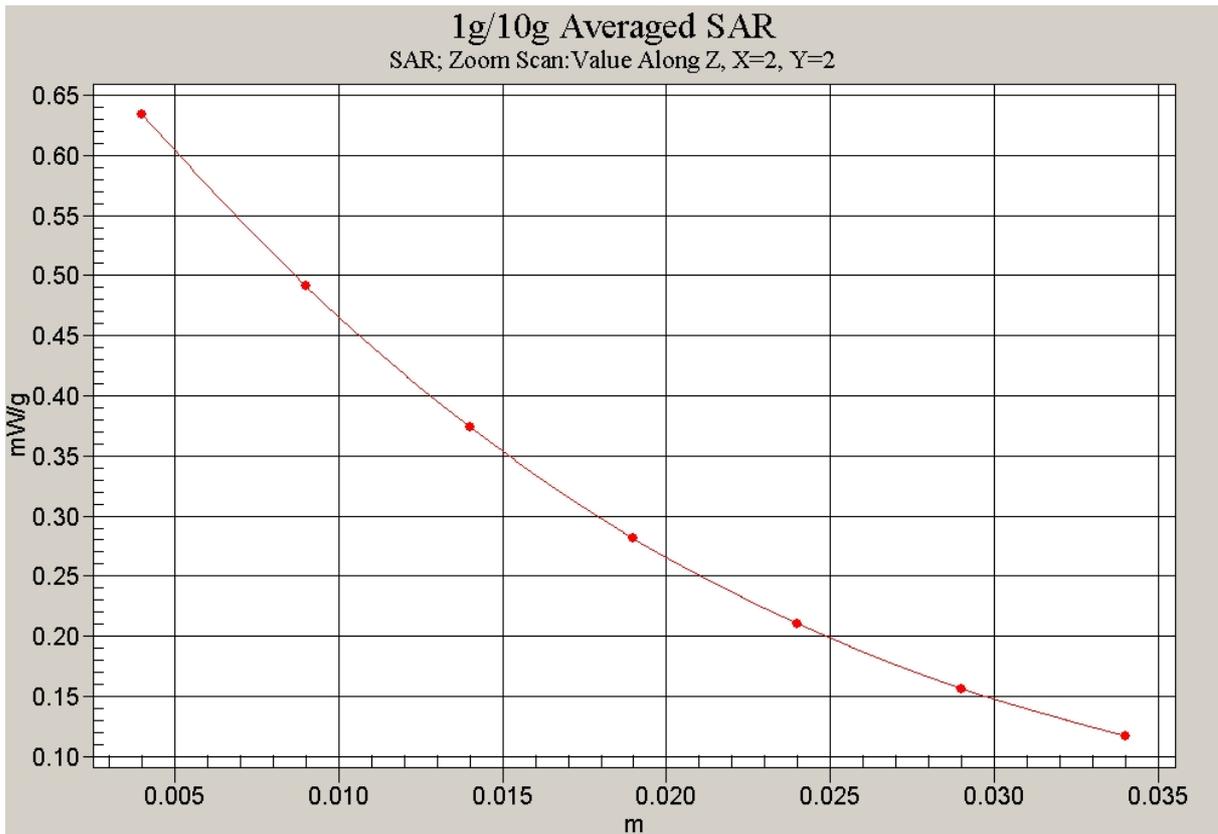**Fig. 185   850 MHz CH251 – Slide up**

Fig. 186 Z-Scan at power reference point (850 MHz CH251) – Slide up

850 Right Cheek Middle – Slide up

Date/Time: 2009-2-8 19:31:41

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.717 mW/g

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

Reference Value = 15.2 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 0.692 mW/g

0 dB = 0.692mW/g

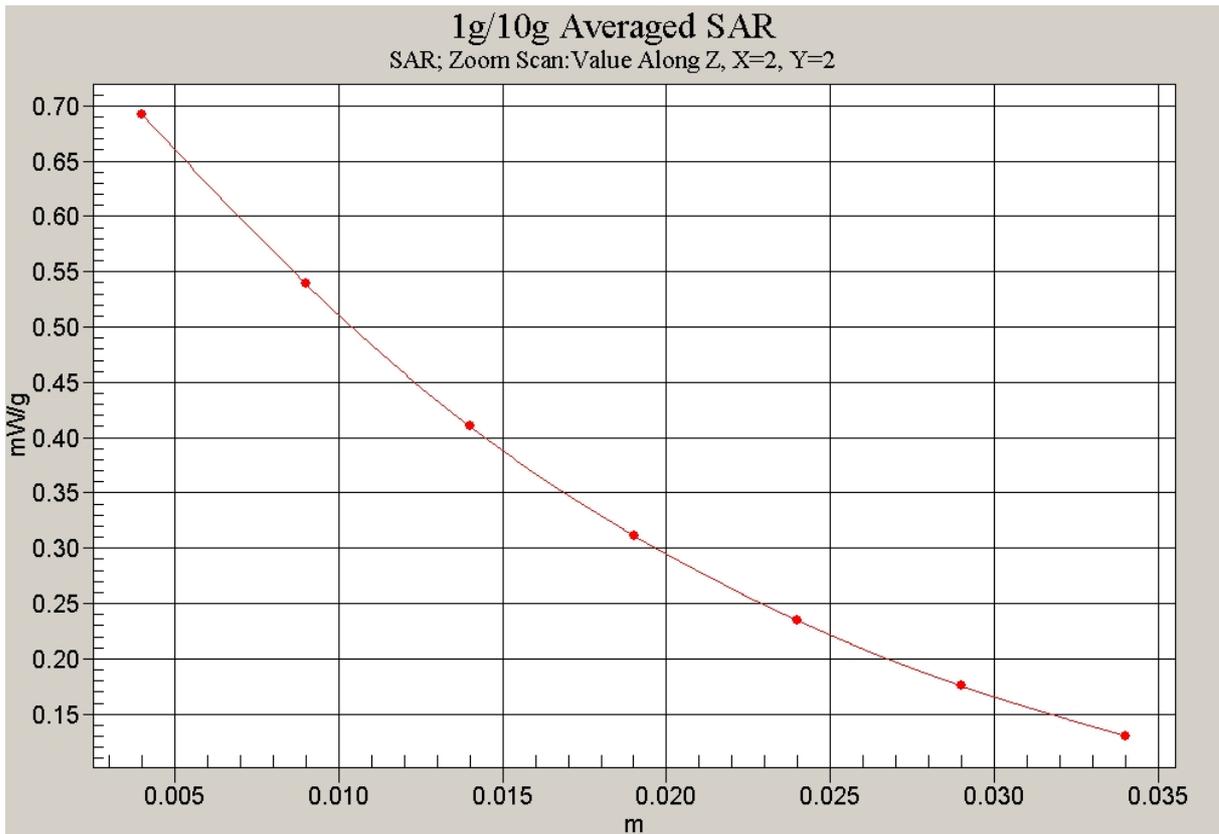**Fig. 187   850 MHz CH190 – Slide up**

Fig. 188 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Right Cheek Low – Slide up

Date/Time: 2009-2-8 19:45:54

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: f = 825 MHz; σ = 0.896 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
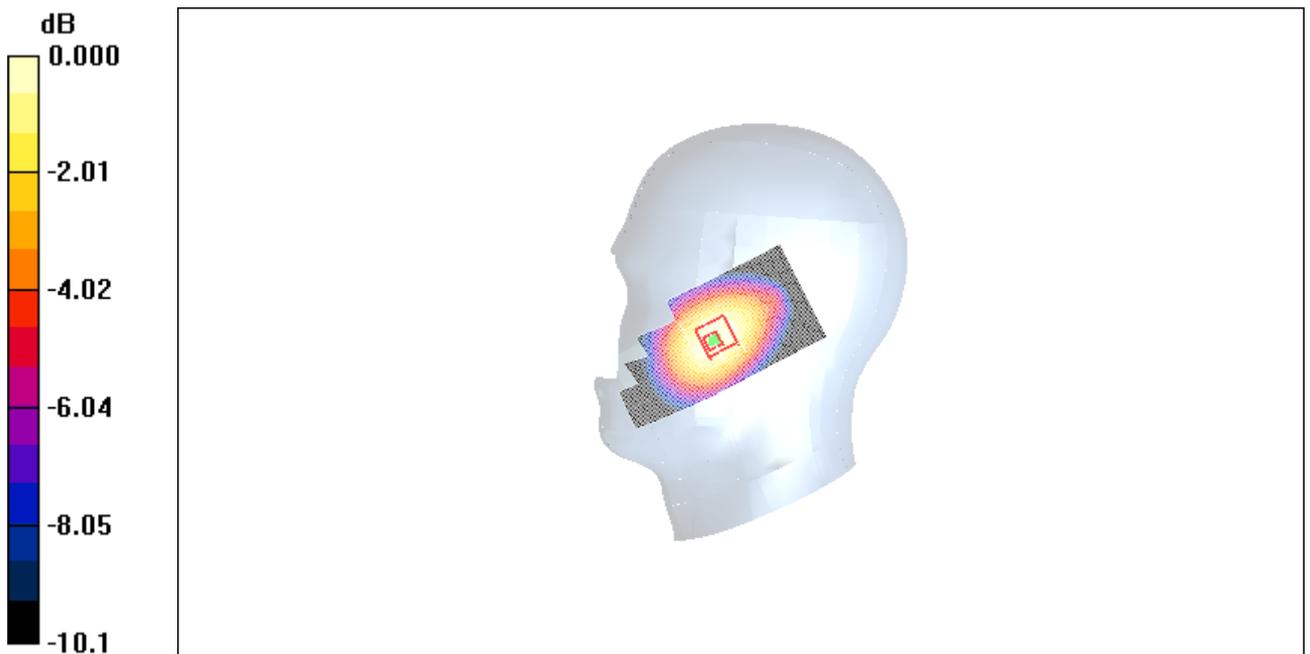
Maximum value of SAR (interpolated) = 0.605 mW/g

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

Reference Value = 13.9 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 0.596 mW/g

0 dB = 0.596mW/g

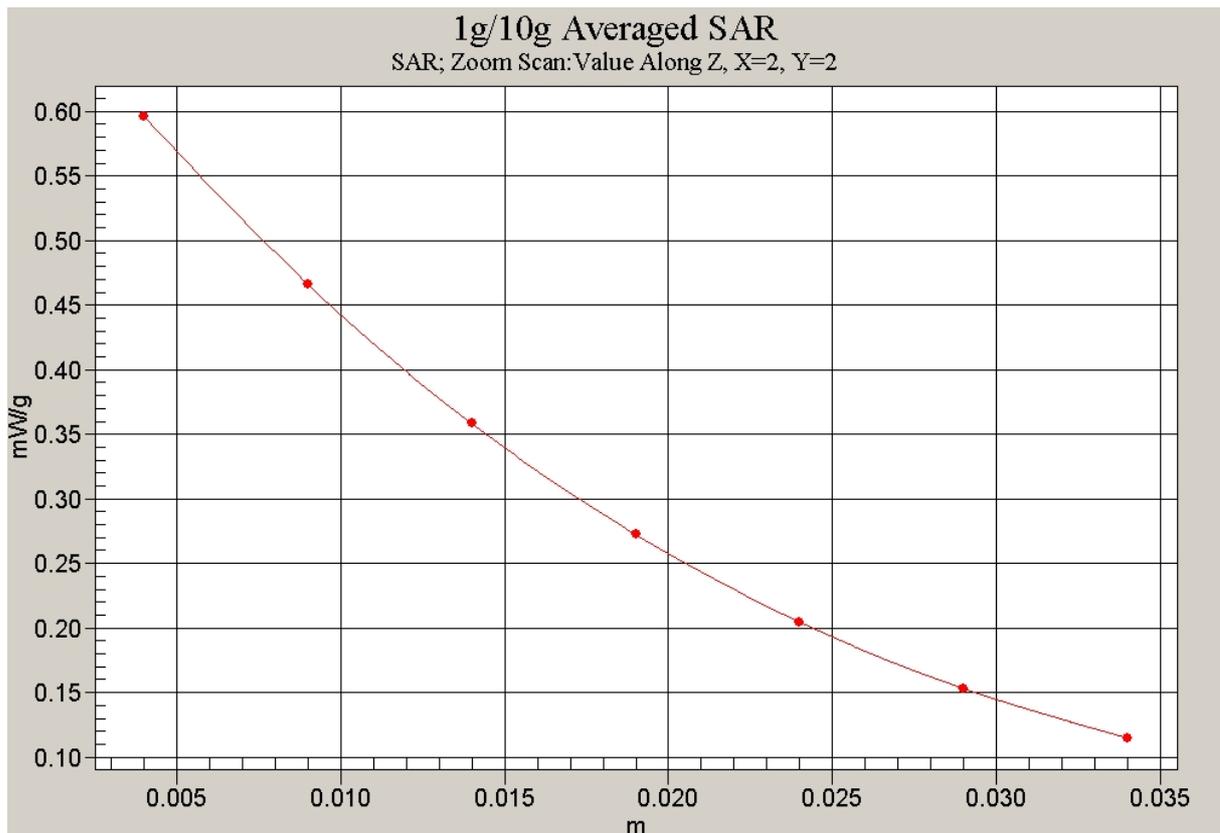**Fig. 189   850 MHz CH128 – Slide up**

Fig.190 Z-Scan at power reference point (850 MHz CH128) – Slide up

850 Right Tilt High – Slide up

Date/Time: 2009-2-8 19:59:09

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; $ε_r$ = 40.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

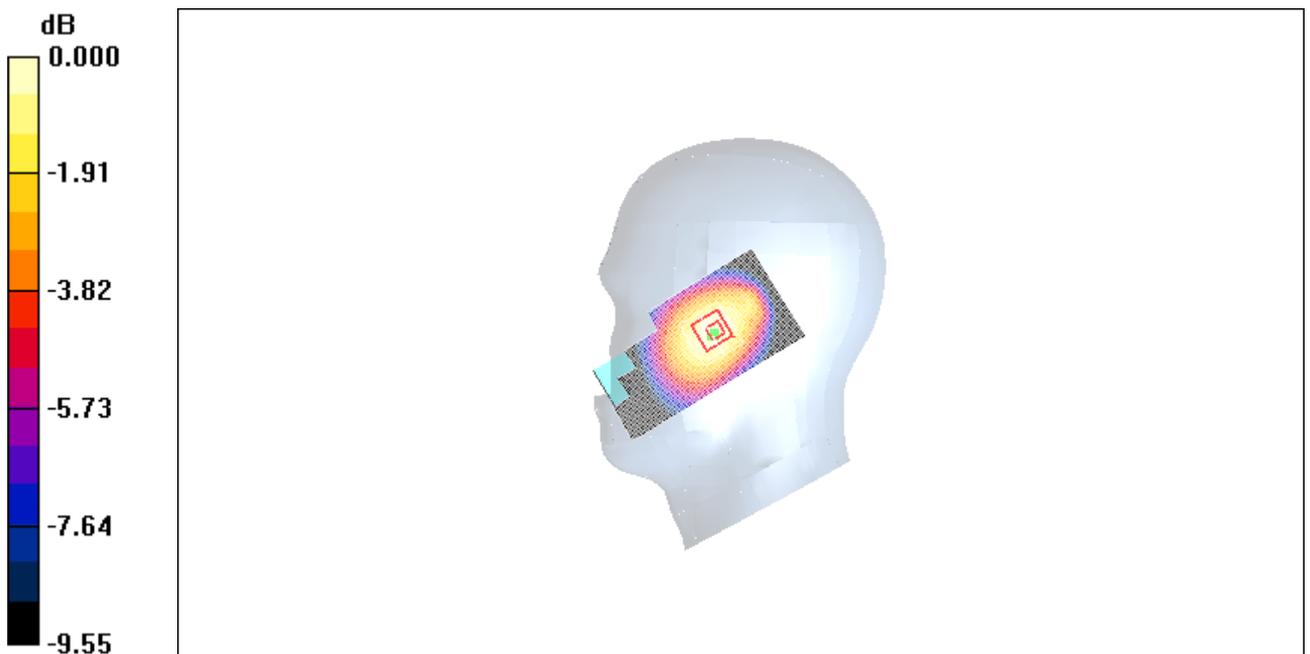Maximum value of SAR (interpolated) = 0.337 mW/g

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

Reference Value = 14.6 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.339 mW/g

0 dB = 0.339mW/g
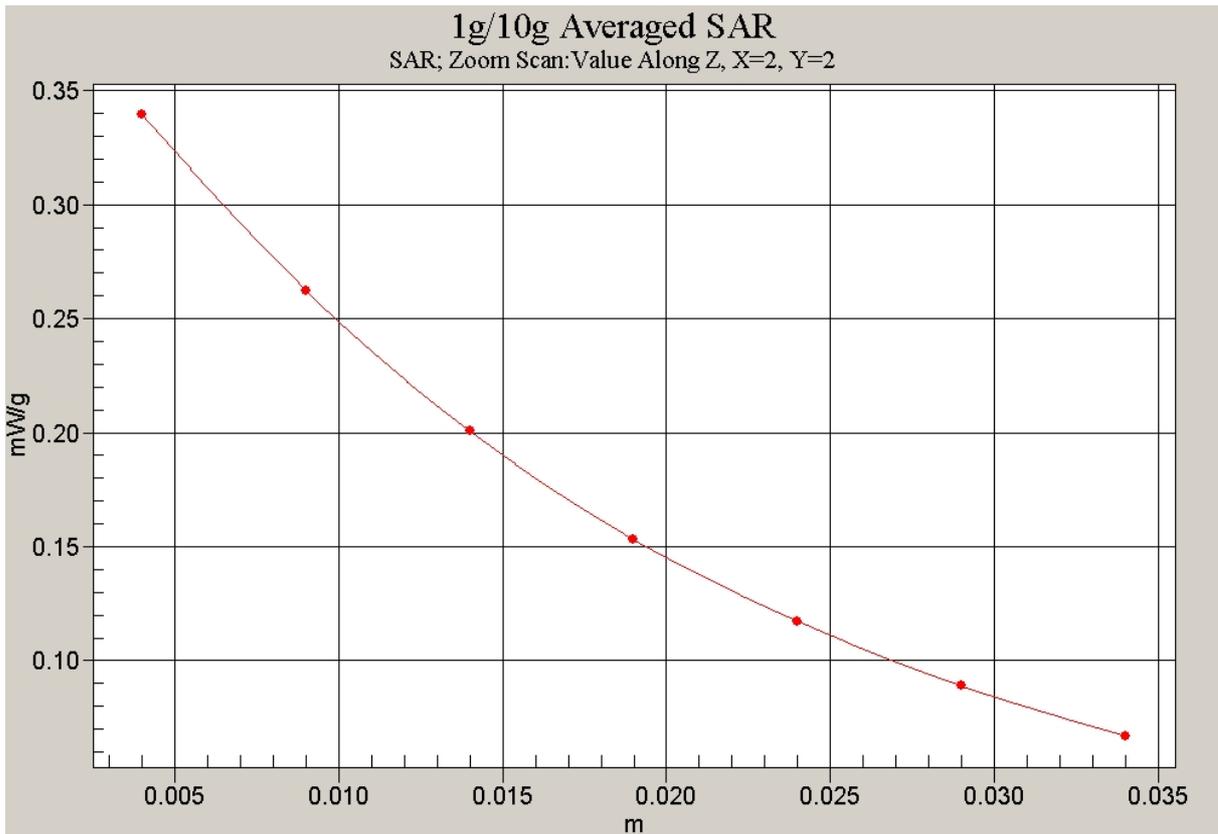
Fig.191　850 MHz CH251 – Slide up

Fig.192 Z-Scan at power reference point (850 MHz CH251) – Slide up

850 Right Tilt Middle – Slide up

Date/Time: 2009-2-8 20:13:46

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.908 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

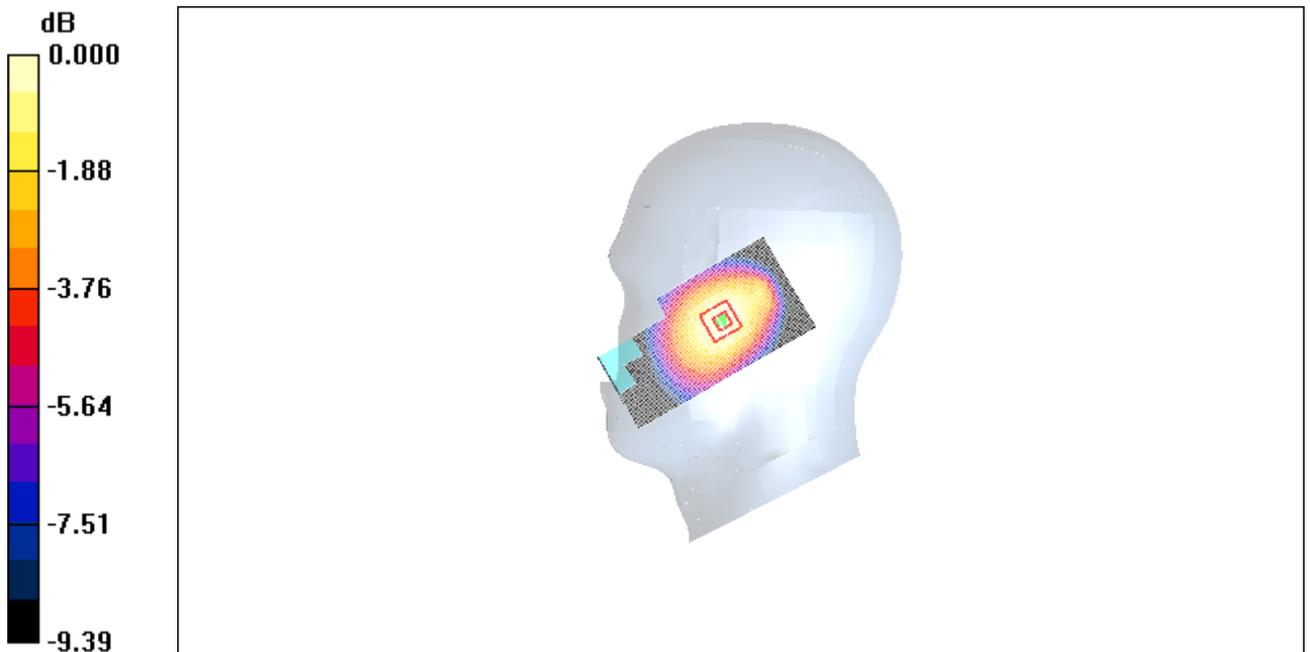Maximum value of SAR (interpolated) = 0.388 mW/g

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

Reference Value = 15.6 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.393 mW/g

0 dB = 0.393mW/g

Fig. 193   850 MHz CH190 – Slide up