

850 Body Towards Ground High with GPRS – Slide down

Date/Time: 2009-3-4 17:00:05

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.417 mW/g

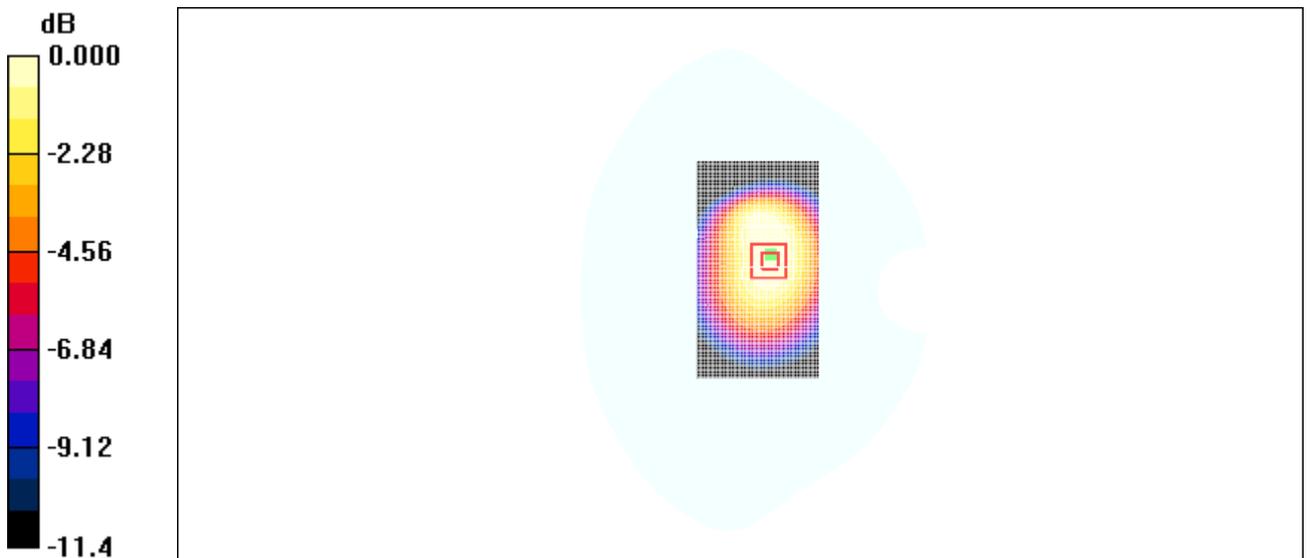
Towards Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.404 mW/g



0 dB = 0.404mW/g

Fig. 125 850 MHz CH251 – Slide down

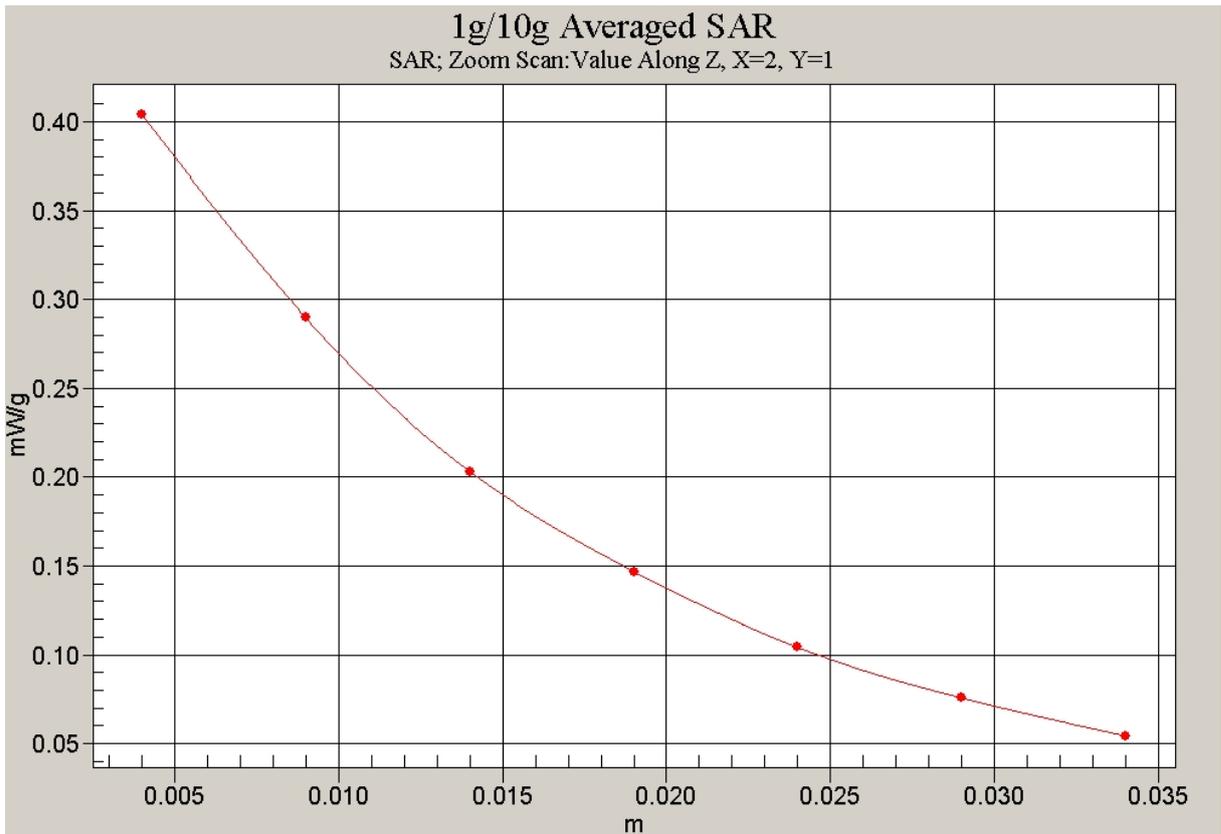


Fig. 126 Z-Scan at power reference point (850 MHz CH251) – Slide down

850 Body Towards Ground Middle with GPRS – Slide down

Date/Time: 2009-3-4 17:14:18

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.534 mW/g

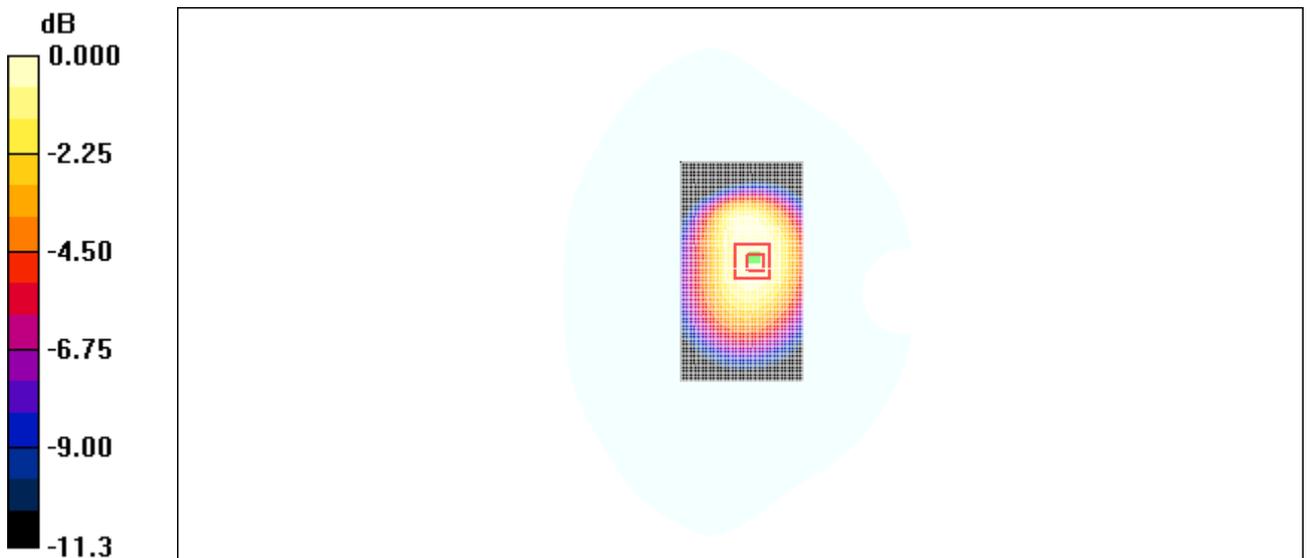
Towards Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.703 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.531 mW/g



0 dB = 0.531mW/g

Fig. 127 850 MHz CH190 – Slide down

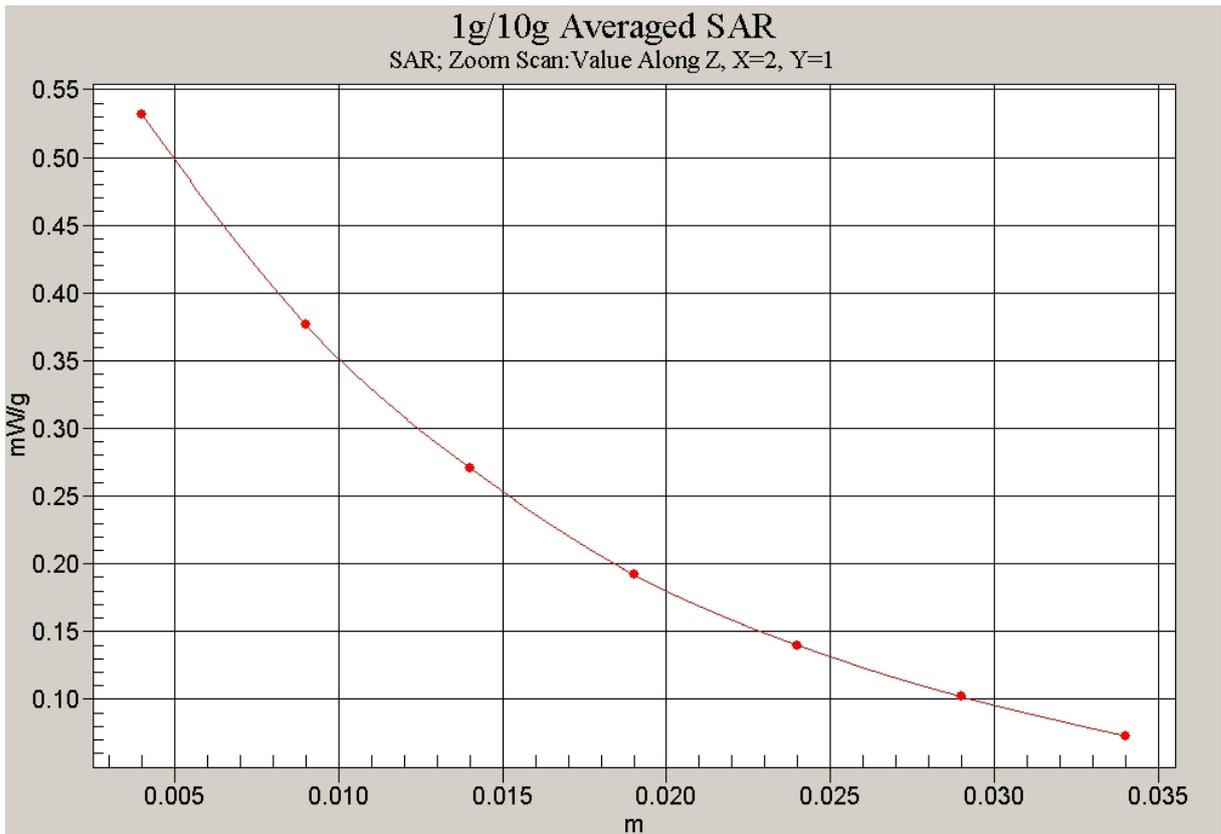


Fig. 128 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Body Towards Ground Low with GPRS – Slide down

Date/Time: 2009-3-4 17:28:37

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 825$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.655 mW/g

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

Reference Value = 22.7 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.640 mW/g

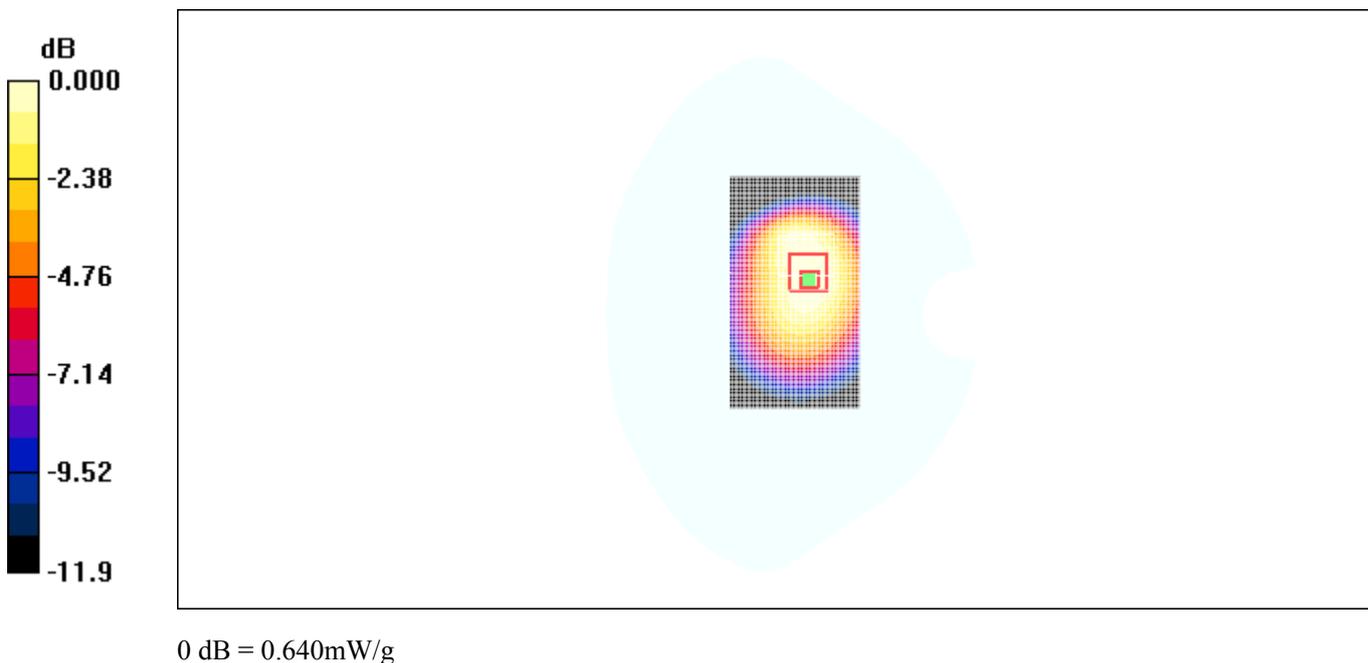


Fig. 129 850 MHz CH128 – Slide down

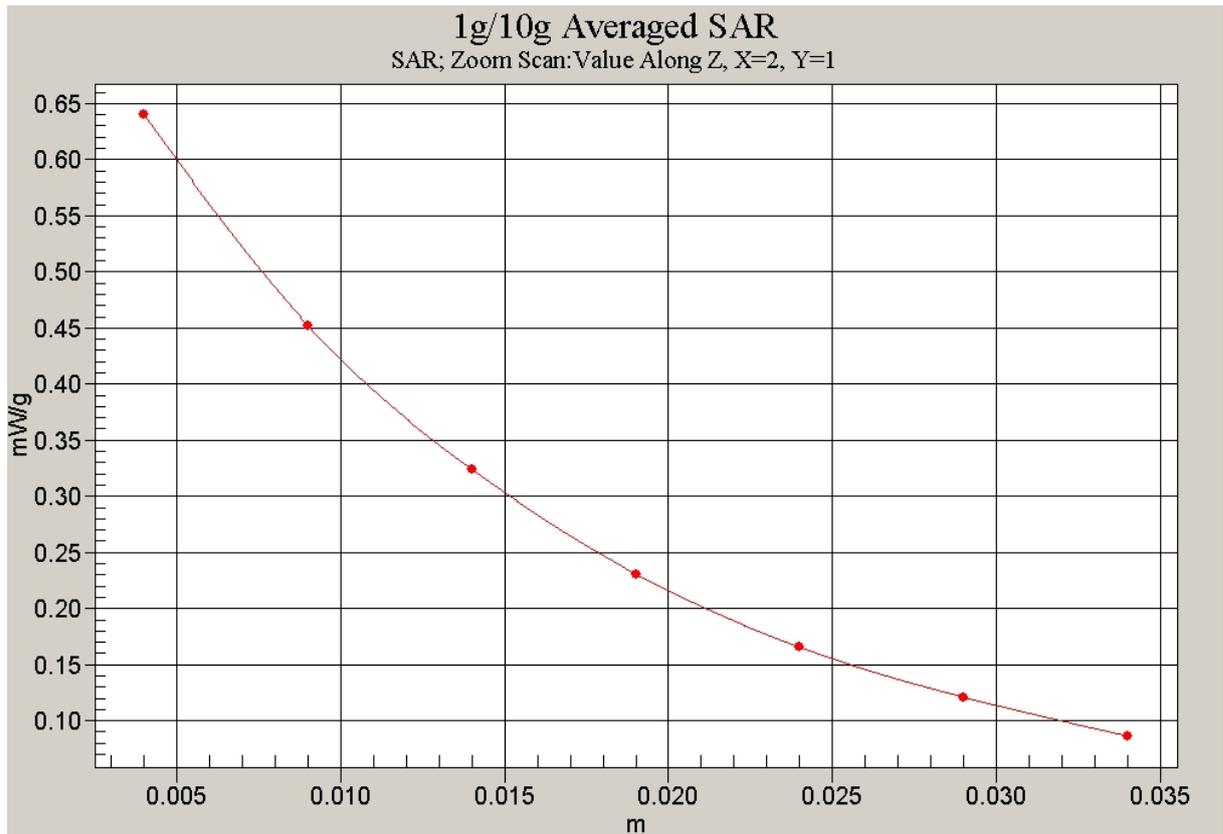


Fig. 130 Z-Scan at power reference point (850 MHz CH128) – Slide down

850 Body Towards Phantom High with GPRS – Slide down

Date/Time: 2009-3-4 17:42:39

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.163 mW/g

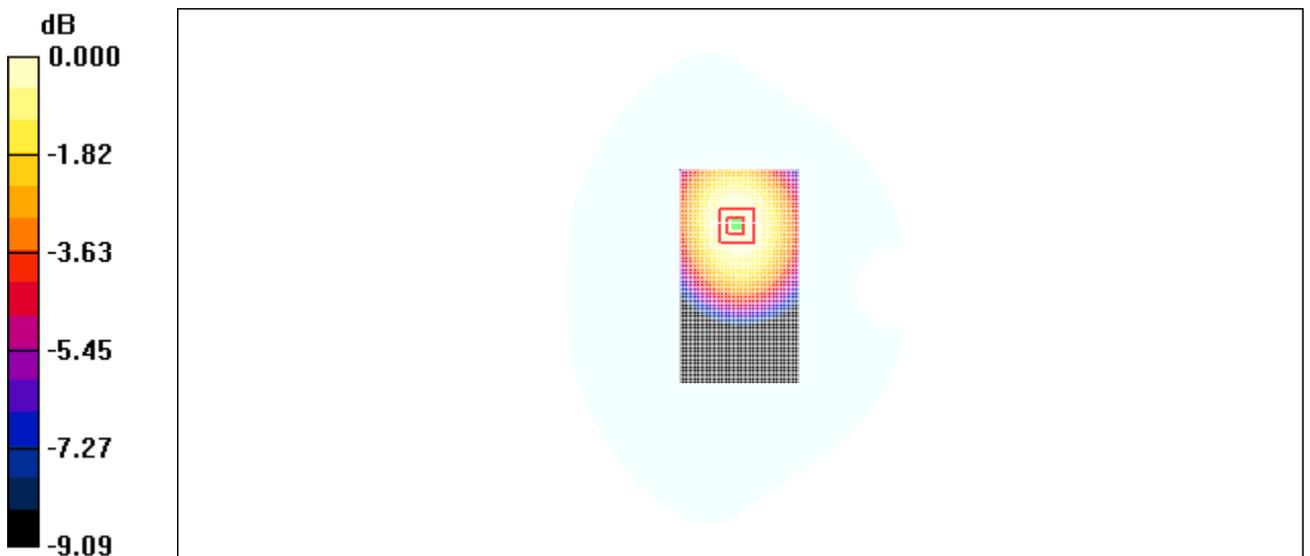
Towards Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.30 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.113 mW/g

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



0 dB = 0.161mW/g

Fig. 131 850 MHz CH251 – Slide down

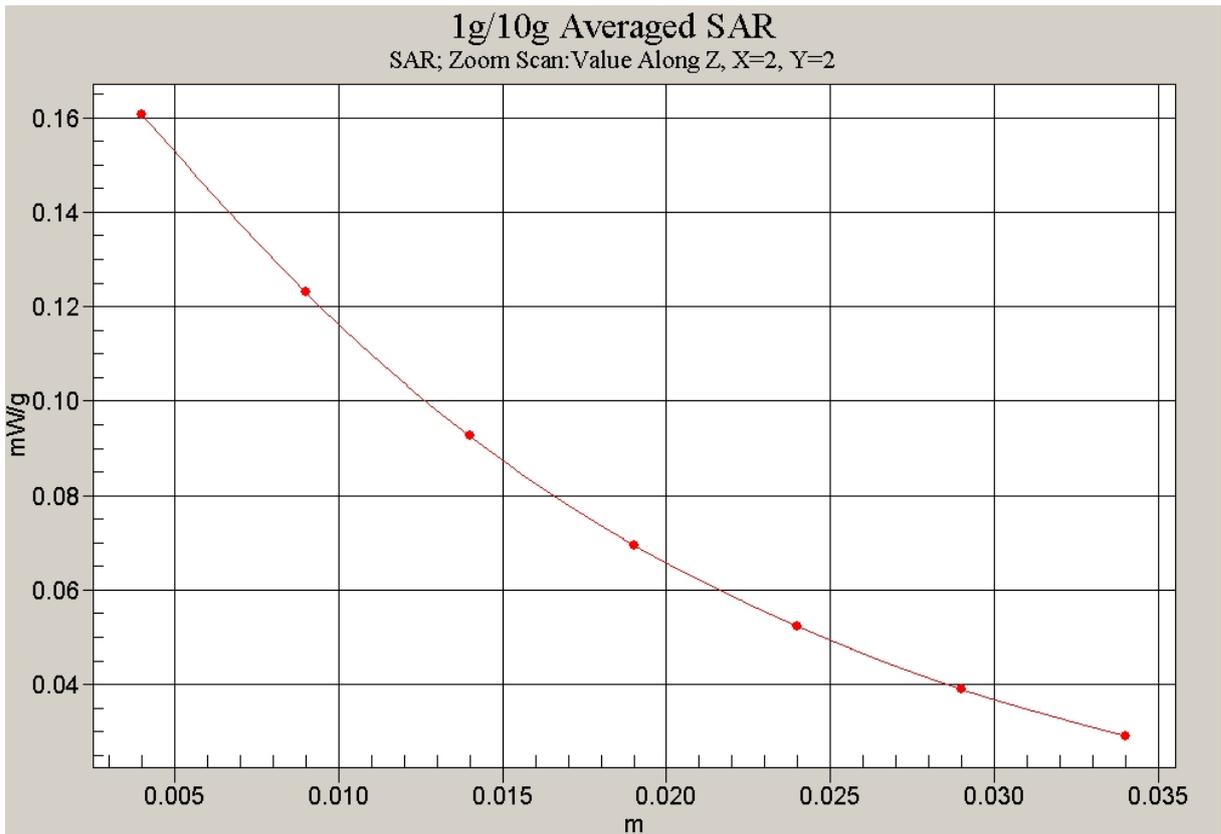


Fig. 132 Z-Scan at power reference point (850 MHz CH251) – Slide down

850 Body Towards Phantom Middle with GPRS – Slide down

Date/Time: 2009-3-4 17:56:09

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.199 mW/g

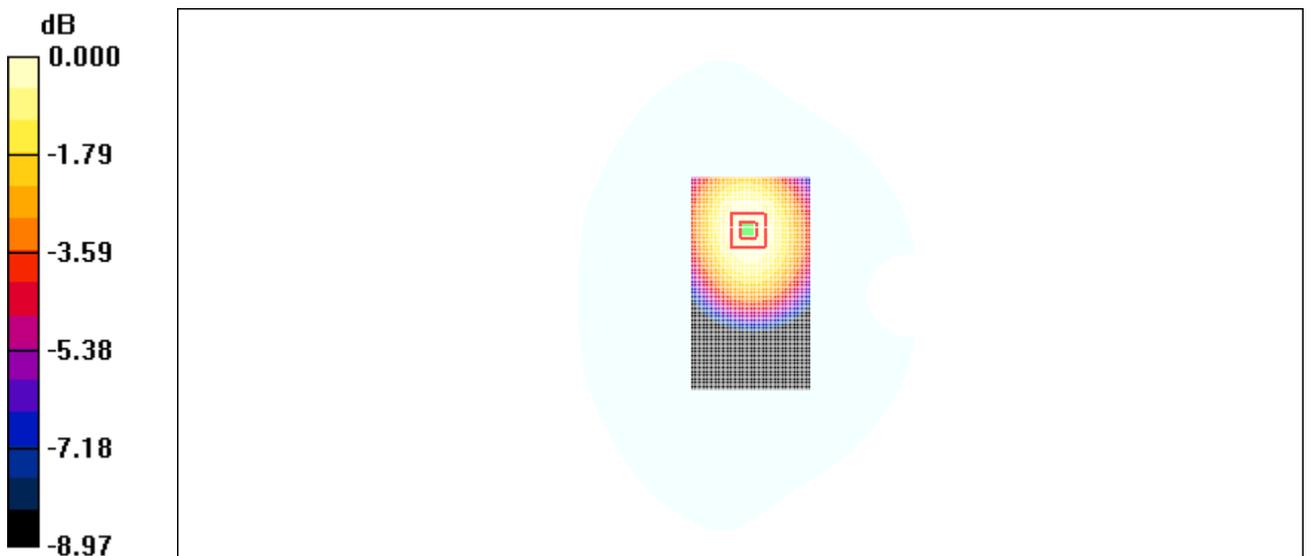
Towards Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.138 mW/g

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



0 dB = 0.197mW/g

Fig. 133 850 MHz CH190 – Slide down

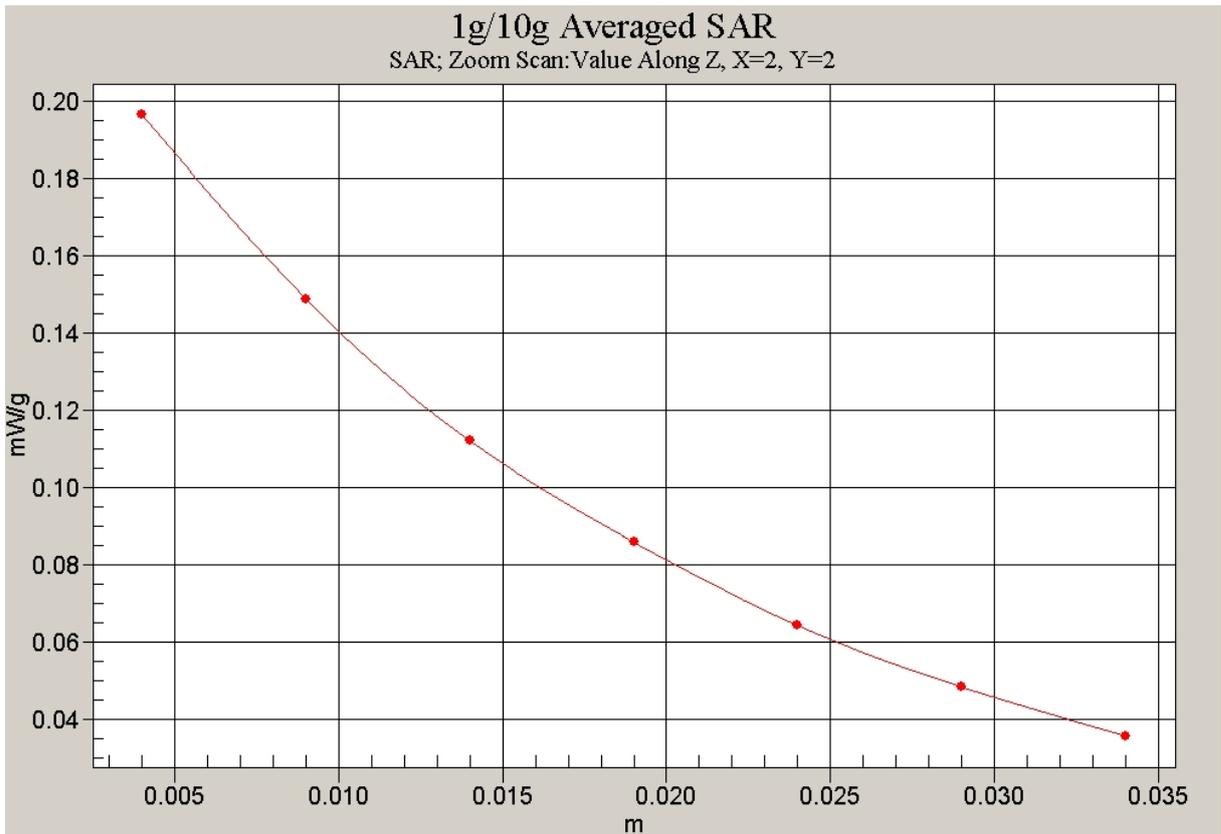


Fig. 134 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Body Towards Phantom Low with GPRS – Slide down

Date/Time: 2009-3-4 18:10:25

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Towards Phantom Low/Area Scan (51x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.225 mW/g

Towards Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.0 V/m ; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.213 mW/g ; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.223 mW/g

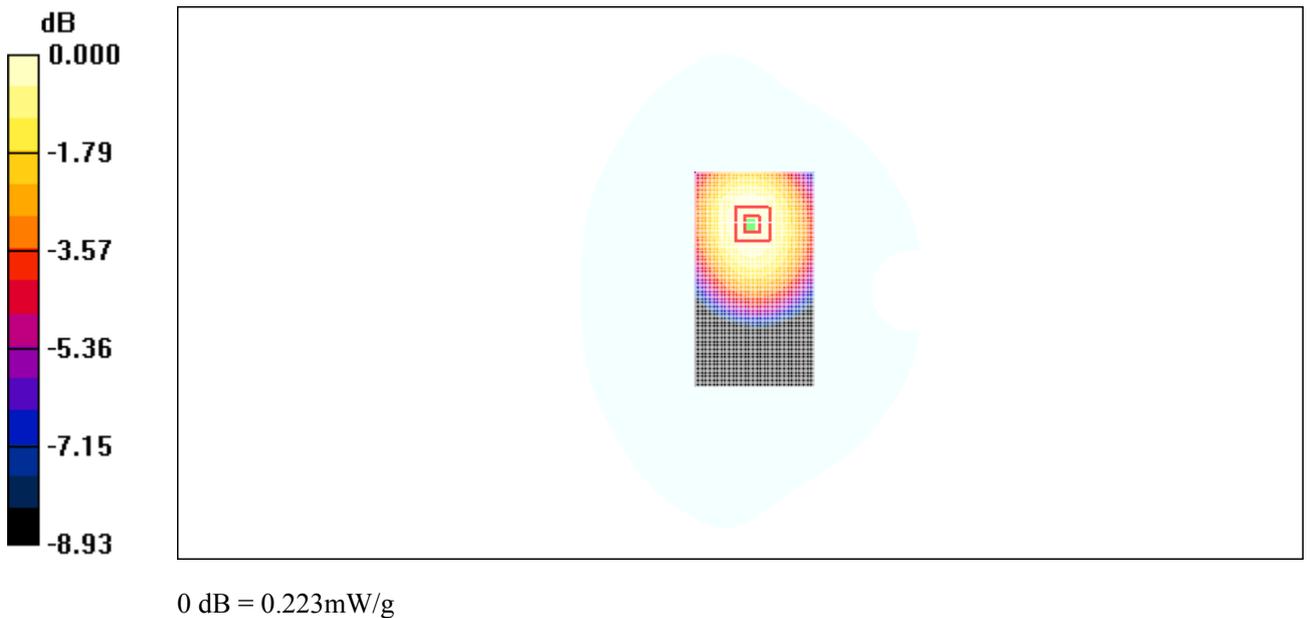


Fig. 135 850 MHz CH128 – Slide down

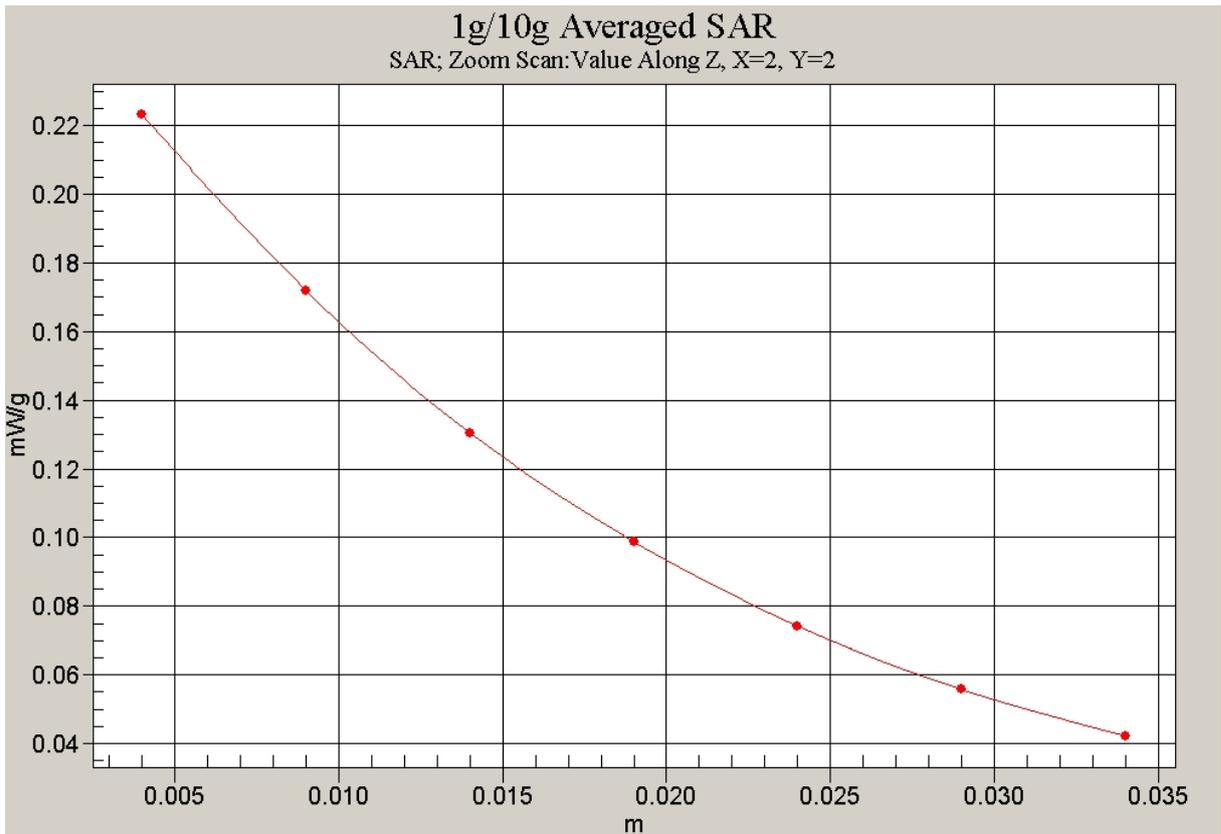


Fig. 136 Z-Scan at power reference point (850 MHz CH128) – Slide down

850 Body Towards Ground High with GPRS – Slide up

Date/Time: 2009-3-4 18:24:30

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 1.06 mW/g

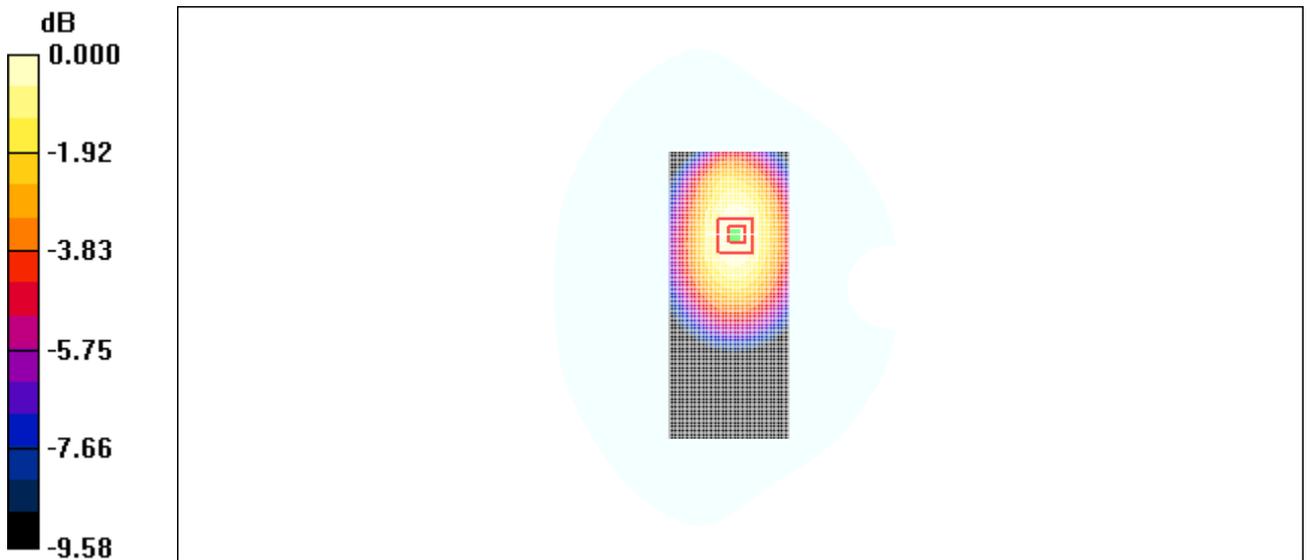
Towards Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.712 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

Fig. 137 850 MHz CH251 – Slide up

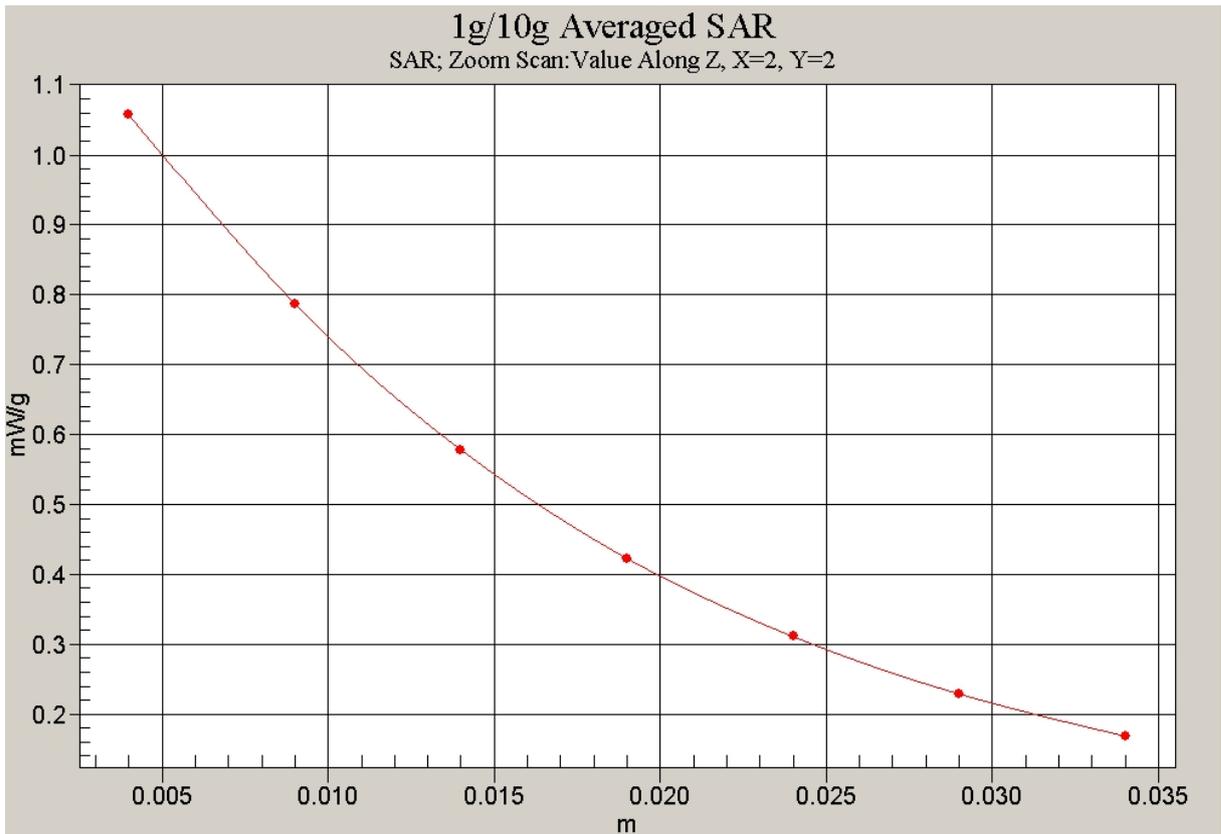


Fig. 138 Z-Scan at power reference point (850 MHz CH251) – Slide up

850 Body Towards Ground Middle with GPRS – Slide up

Date/Time: 2009-3-4 18:38:54

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 1.17 mW/g

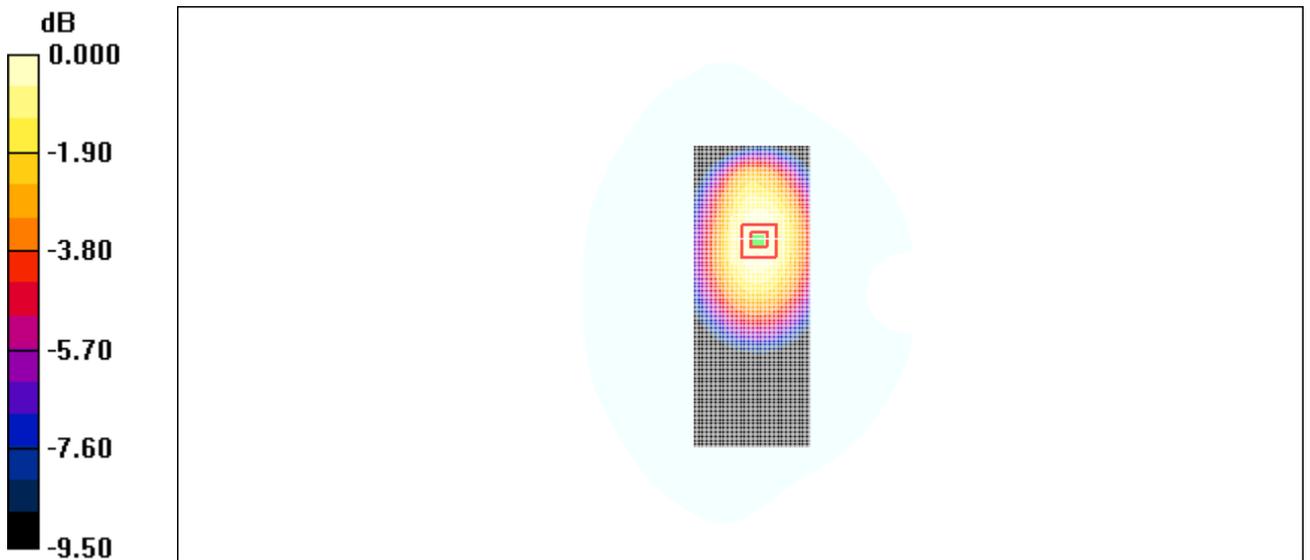
Towards Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.782 mW/g

Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g

Fig. 139 850 MHz CH190 – Slide up

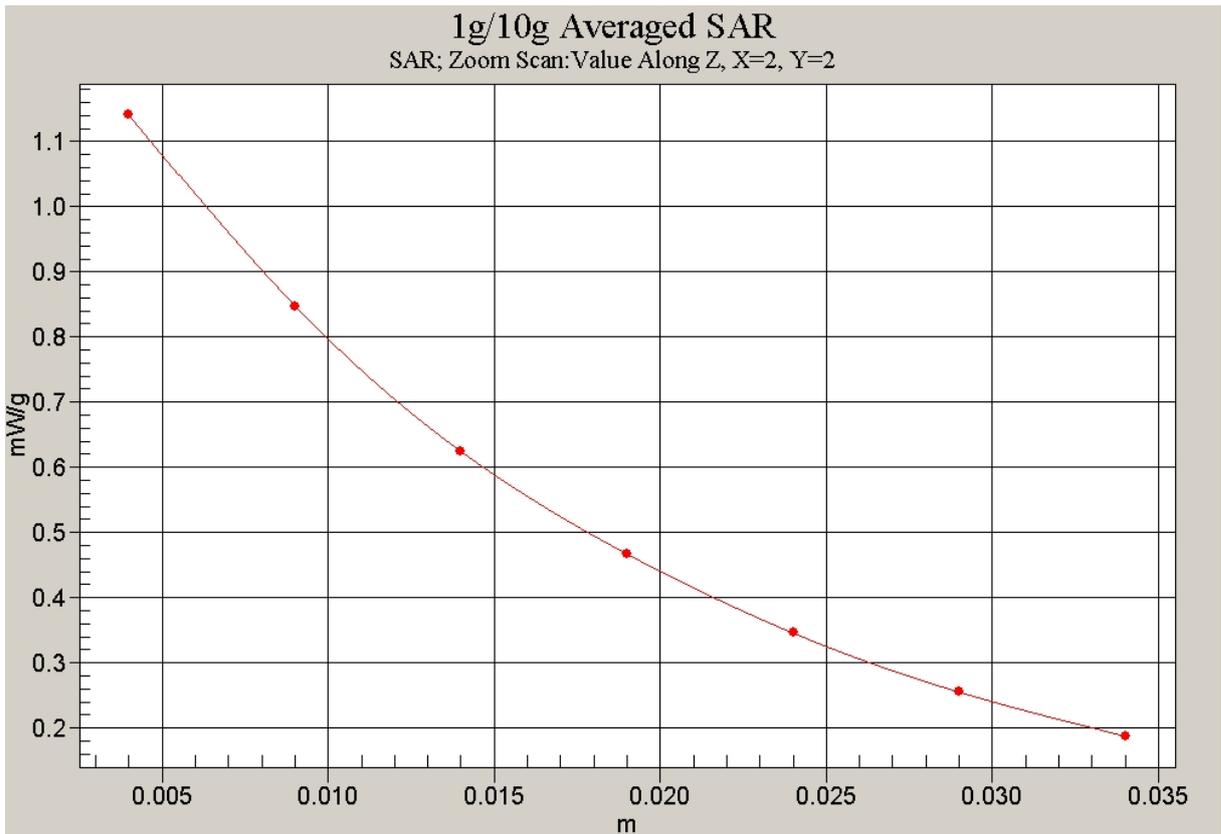


Fig. 140 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Body Towards Ground Low with GPRS – Slide up

Date/Time: 2009-3-4 18:52:16

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 825$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 1.19 mW/g

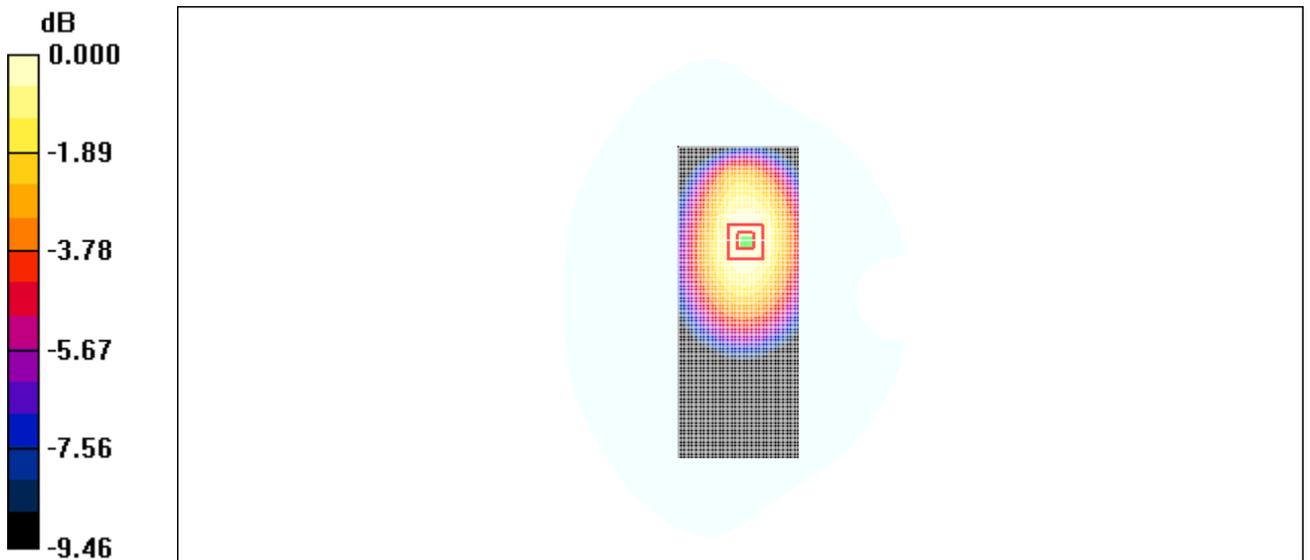
Towards Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.3 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.803 mW/g

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17mW/g

Fig. 141 850 MHz CH128 – Slide up



Fig. 142 Z-Scan at power reference point (850 MHz CH128) – Slide up

850 Body Towards Phantom High with GPRS – Slide up

Date/Time: 2009-3-4 19:06:27

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.883 mW/g

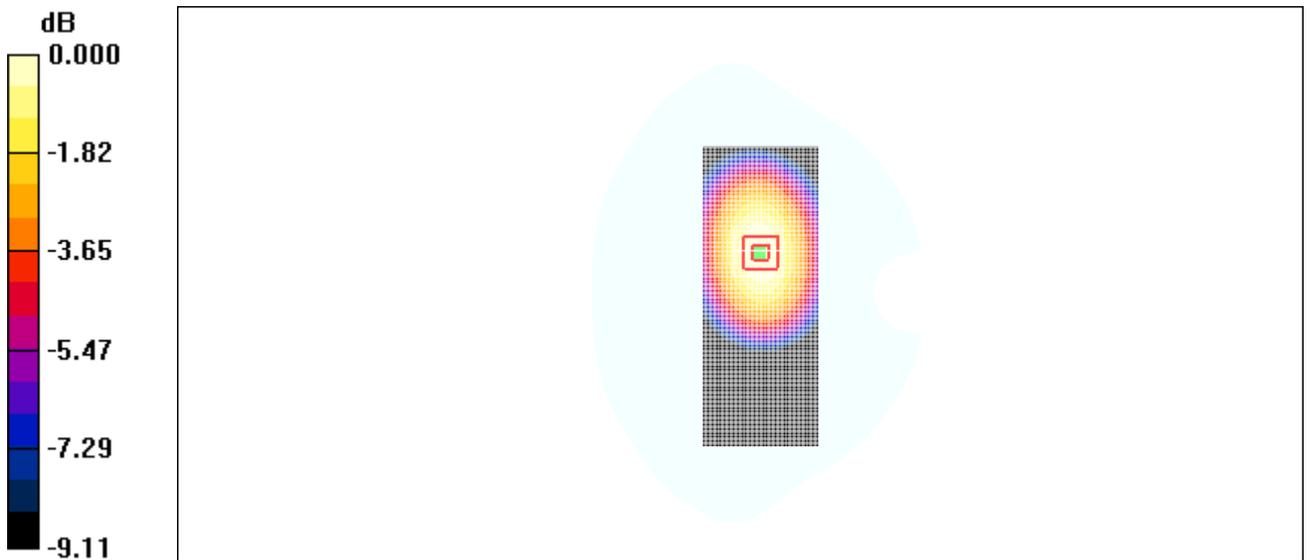
Towards Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.0 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.593 mW/g

Maximum value of SAR (measured) = 0.873 mW/g



0 dB = 0.873mW/g

Fig. 143 850 MHz CH251 – Slide up

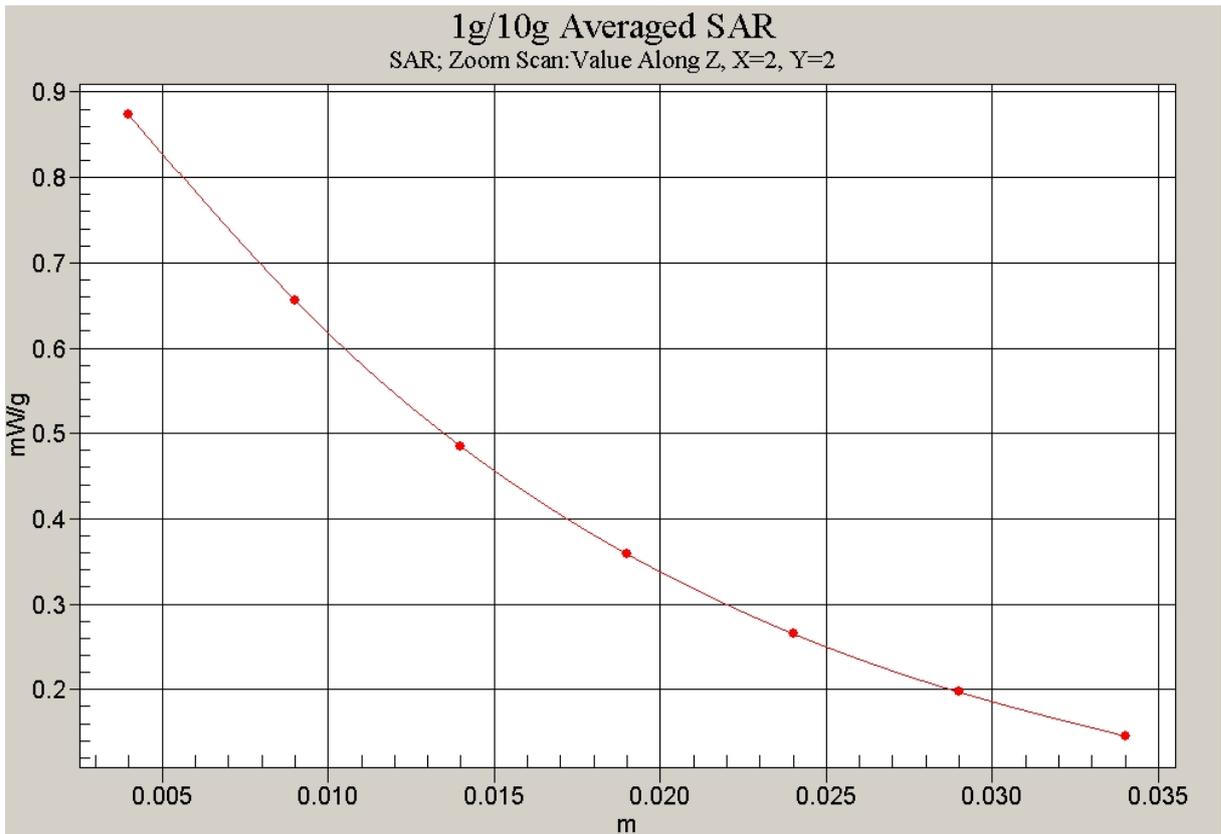


Fig. 144 Z-Scan at power reference point (850 MHz CH251) – Slide up

850 Body Towards Phantom Middle with GPRS – Slide up

Date/Time: 2009-3-4 19:20:21

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.953 mW/g

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

Reference Value = 27.1 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.652 mW/g

Maximum value of SAR (measured) = 0.954 mW/g

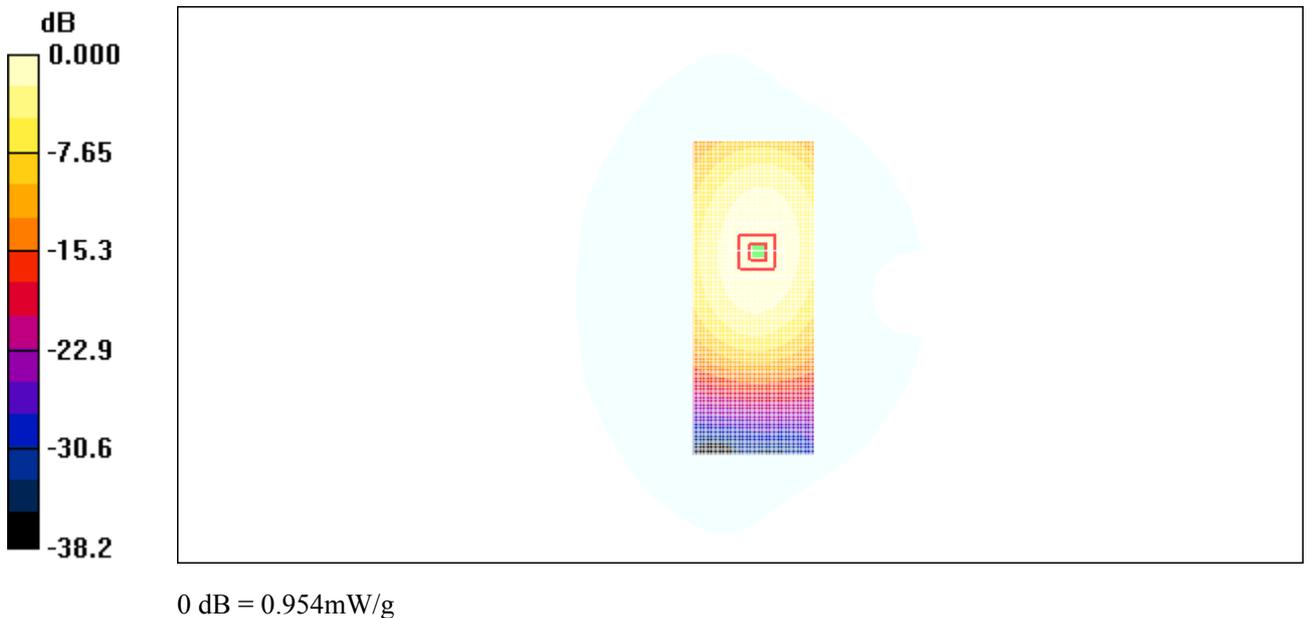


Fig. 145 850 MHz CH190 – Slide up

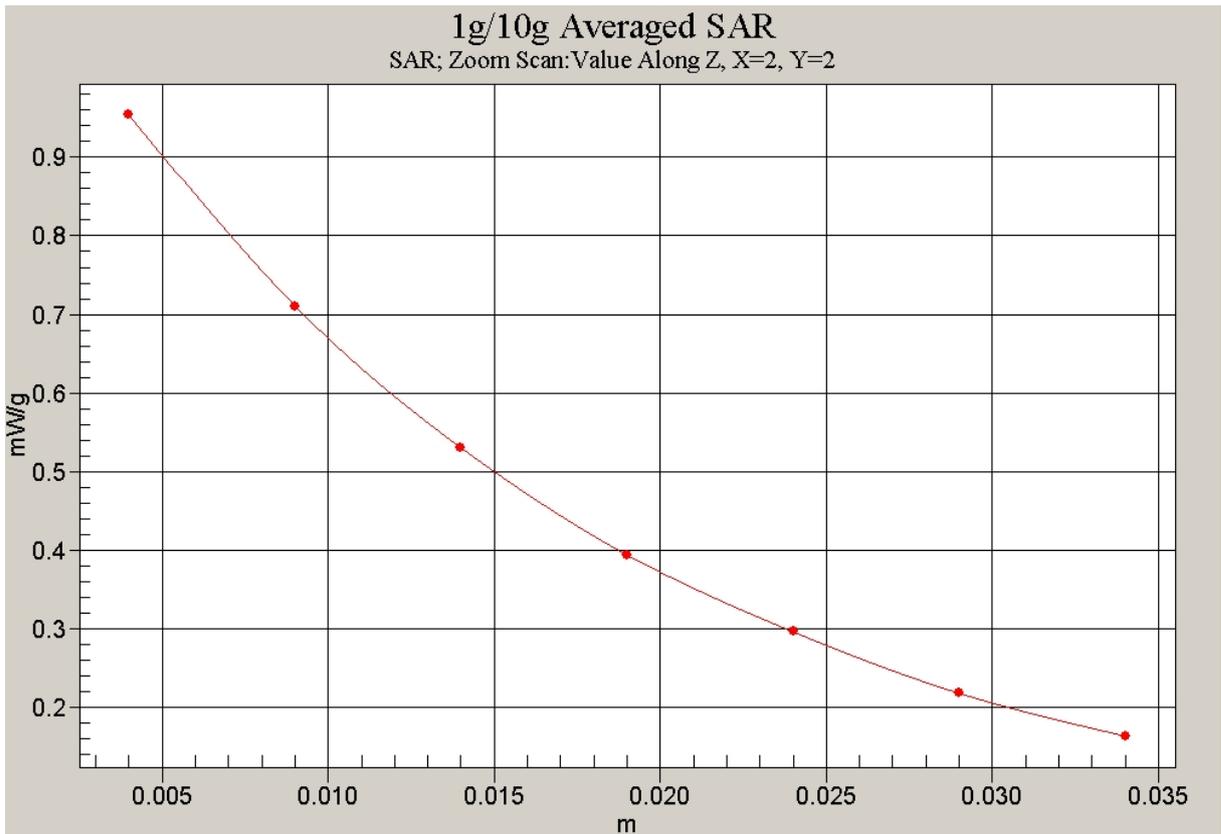


Fig. 146 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Body Towards Phantom Low with GPRS – Slide up

Date/Time: 2009-3-4 19:34:19

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Towards Phantom Low/Area Scan (51x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.961 mW/g

Towards Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.3 V/m ; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.895 mW/g ; SAR(10 g) = 0.650 mW/g

Maximum value of SAR (measured) = 0.947 mW/g

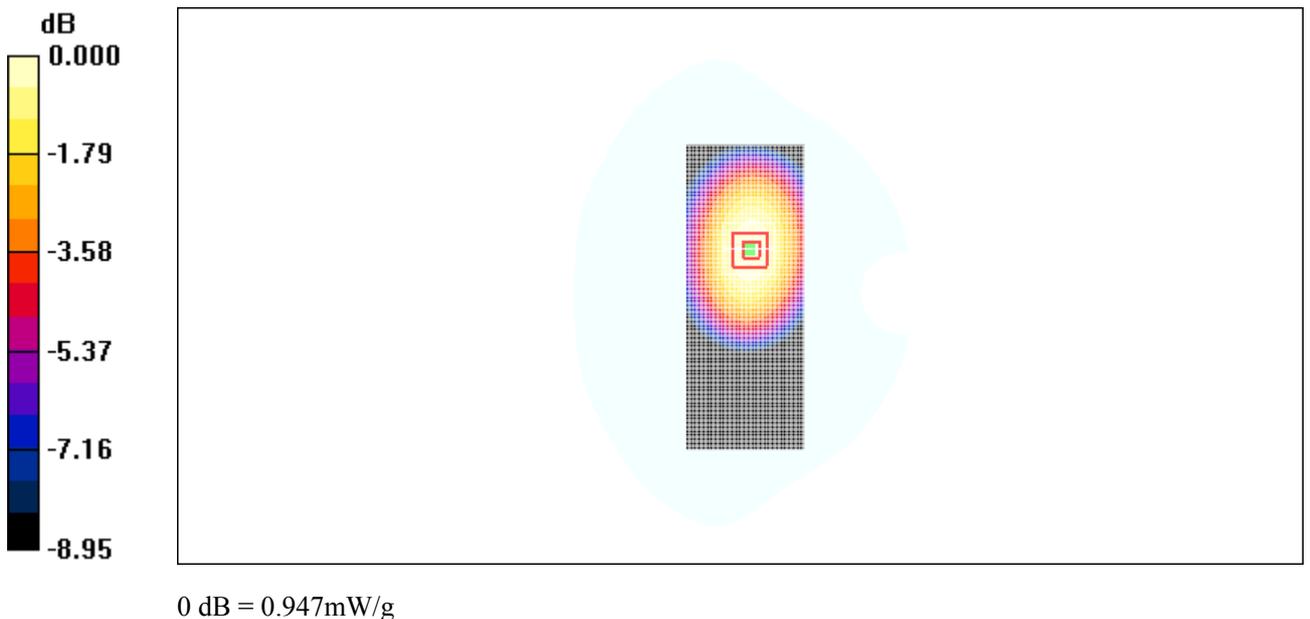


Fig. 147 850 MHz CH128 – Slide up

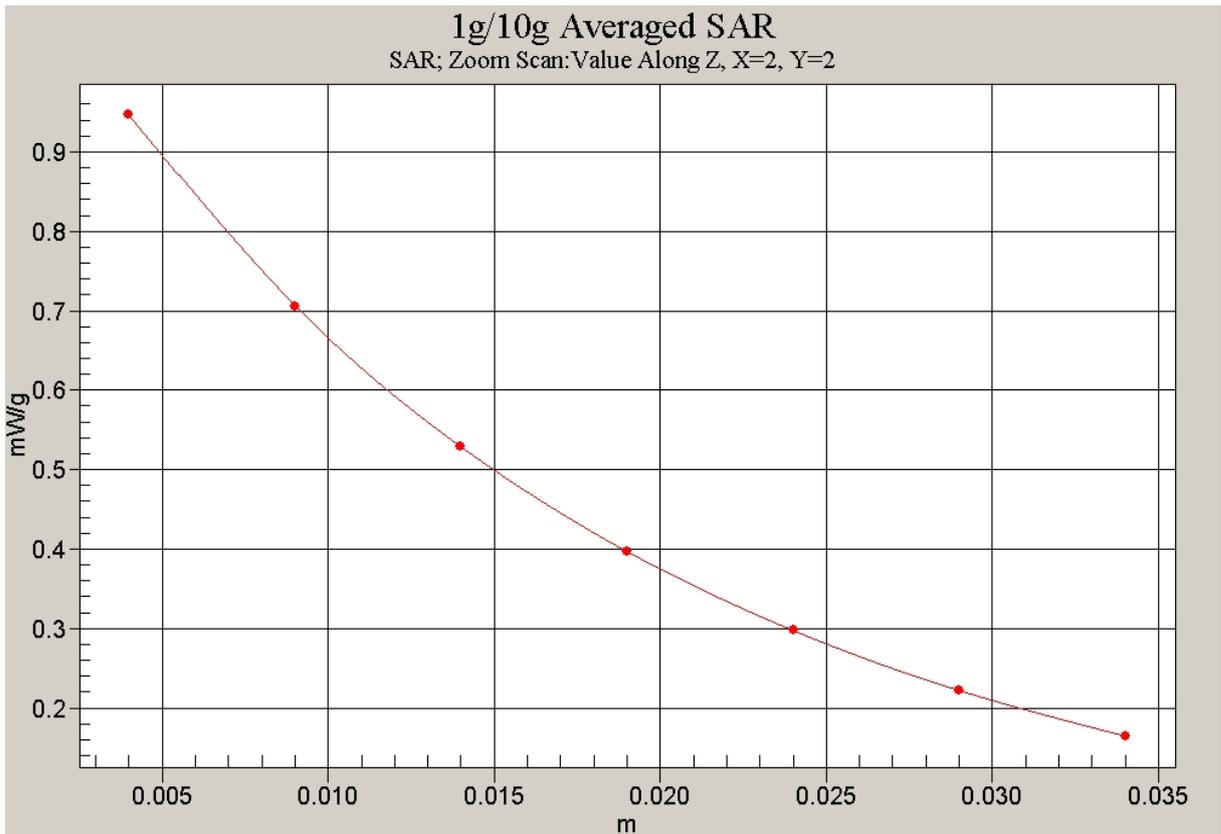


Fig. 148 Z-Scan at power reference point (850 MHz CH128) – Slide up

850 Body Towards Ground Low with EGPRS – Slide up

Date/Time: 2009-3-4 19:50:31

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Maximum value of SAR (interpolated) = 0.408 mW/g

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

Reference Value = 20.4 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.397 mW/g

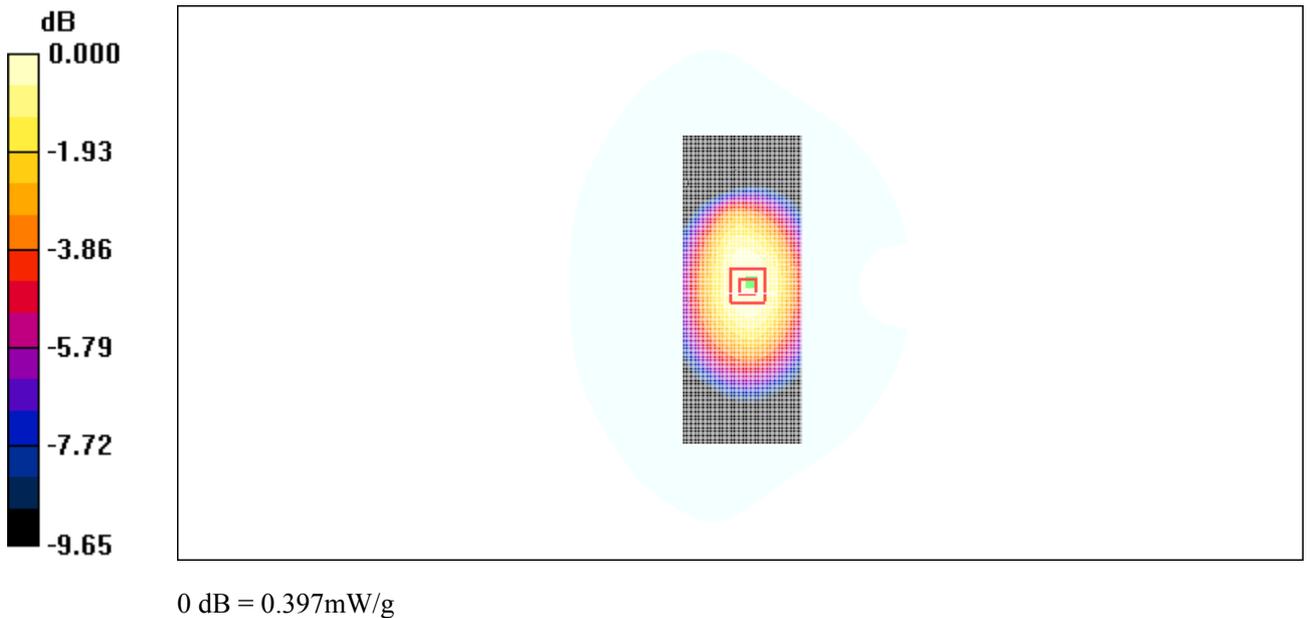


Fig. 149 850 MHz CH128 – Slide up

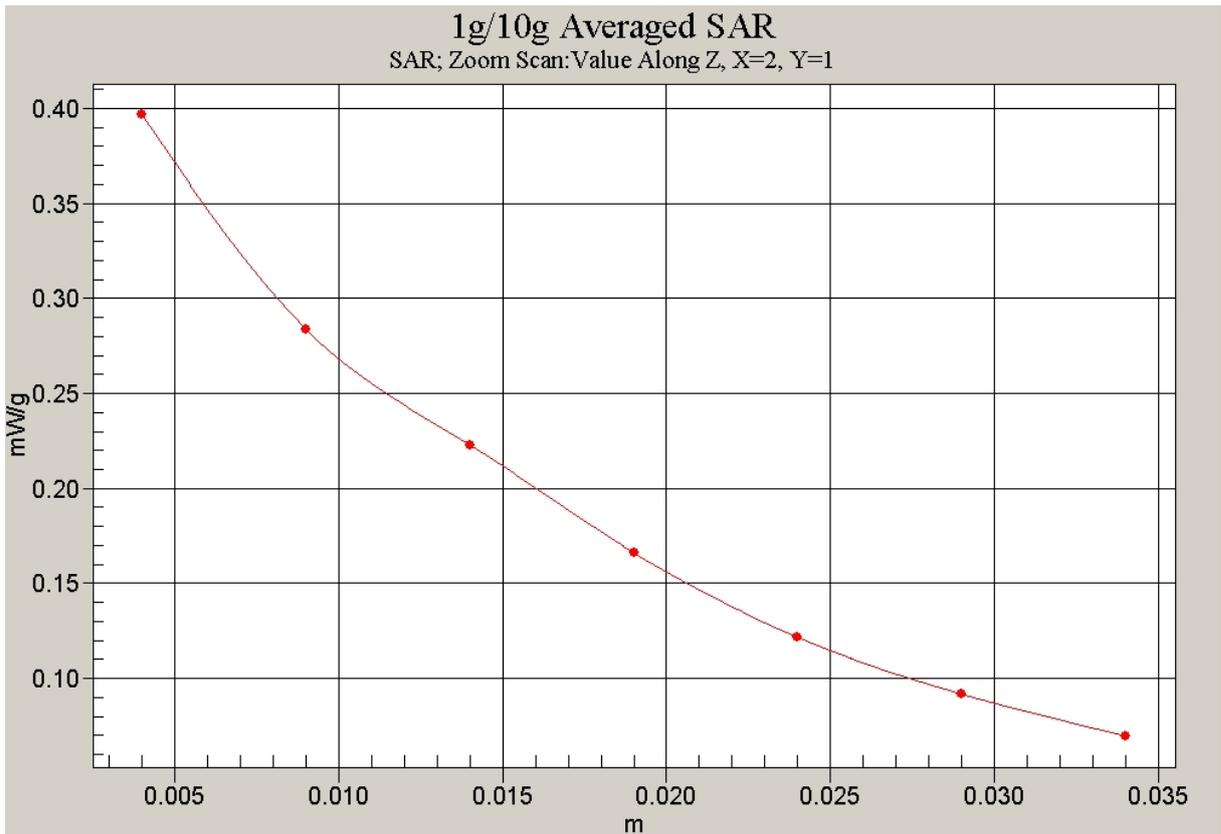


Fig. 150 Z-Scan at power reference point (850 MHz CH128) – Slide up

850 Body Towards Ground Low with Headset – Slide up

Date/Time: 2009-3-4 20:06:11

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.973 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Towards Ground Low/Area Scan (51x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.617 mW/g

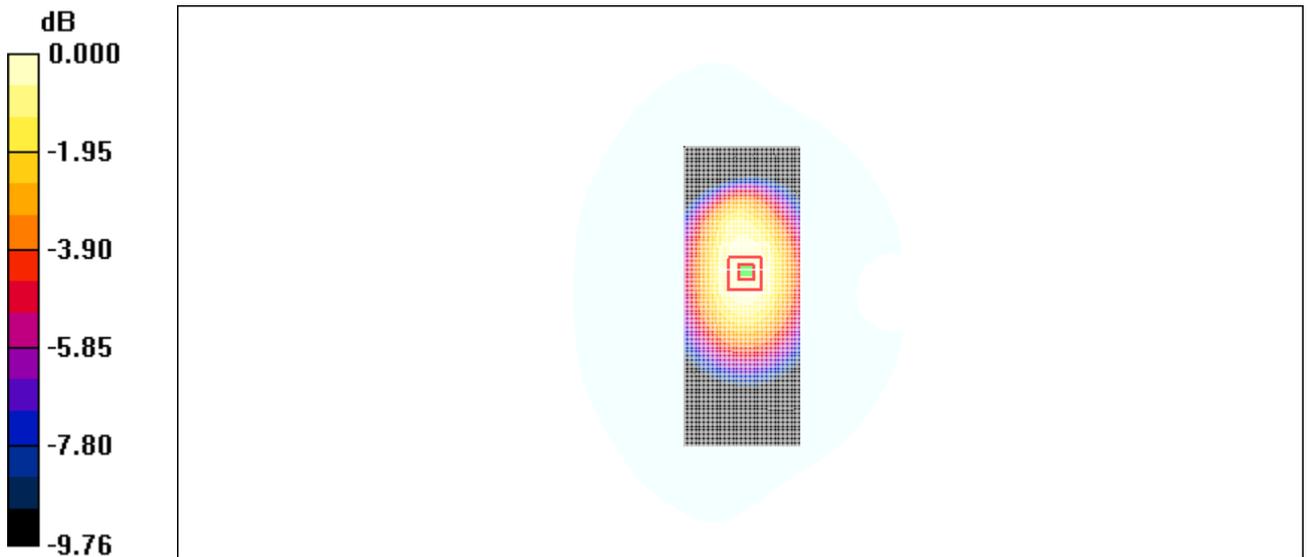
Towards Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.2 V/m ; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.561 mW/g ; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.594mW/g

Fig. 151 850 MHz CH128 – Slide up

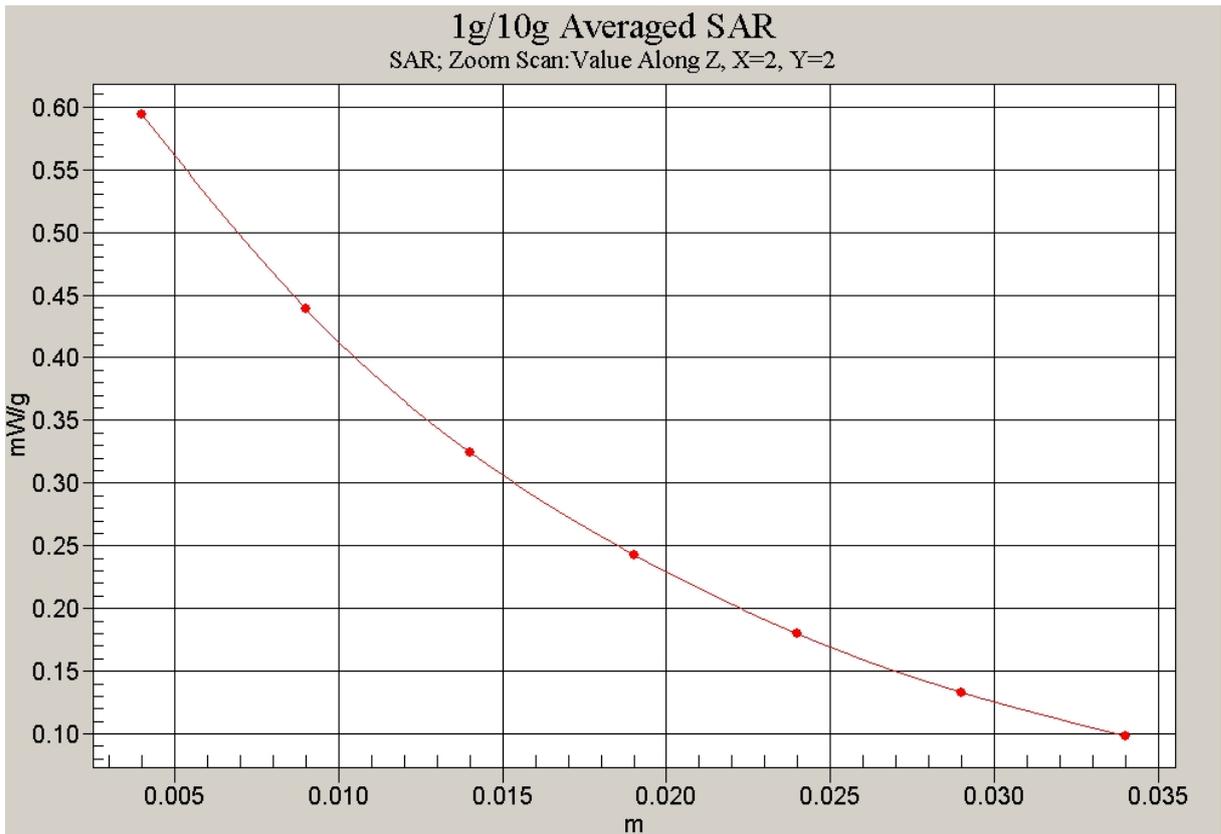


Fig. 152 Z-Scan at power reference point (850 MHz CH128) – Slide up

1900 Left Cheek High – Slide down

Date/Time: 2009-3-5 13:55:30

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.274 mW/g

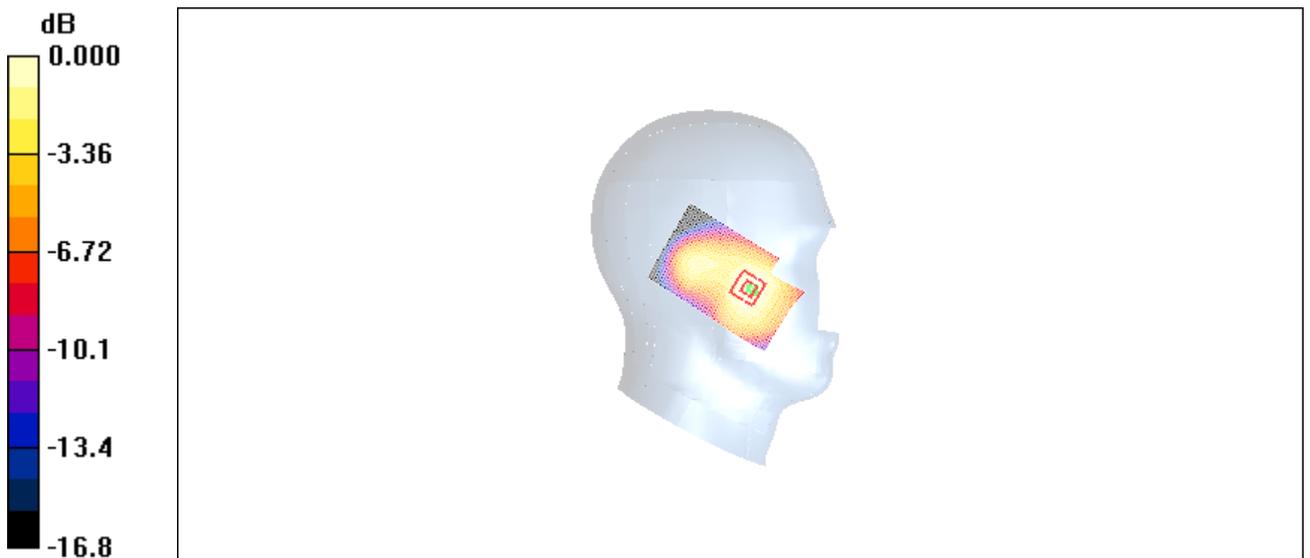
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.280mW/g

Fig. 153 1900 MHz CH810 – Slide down

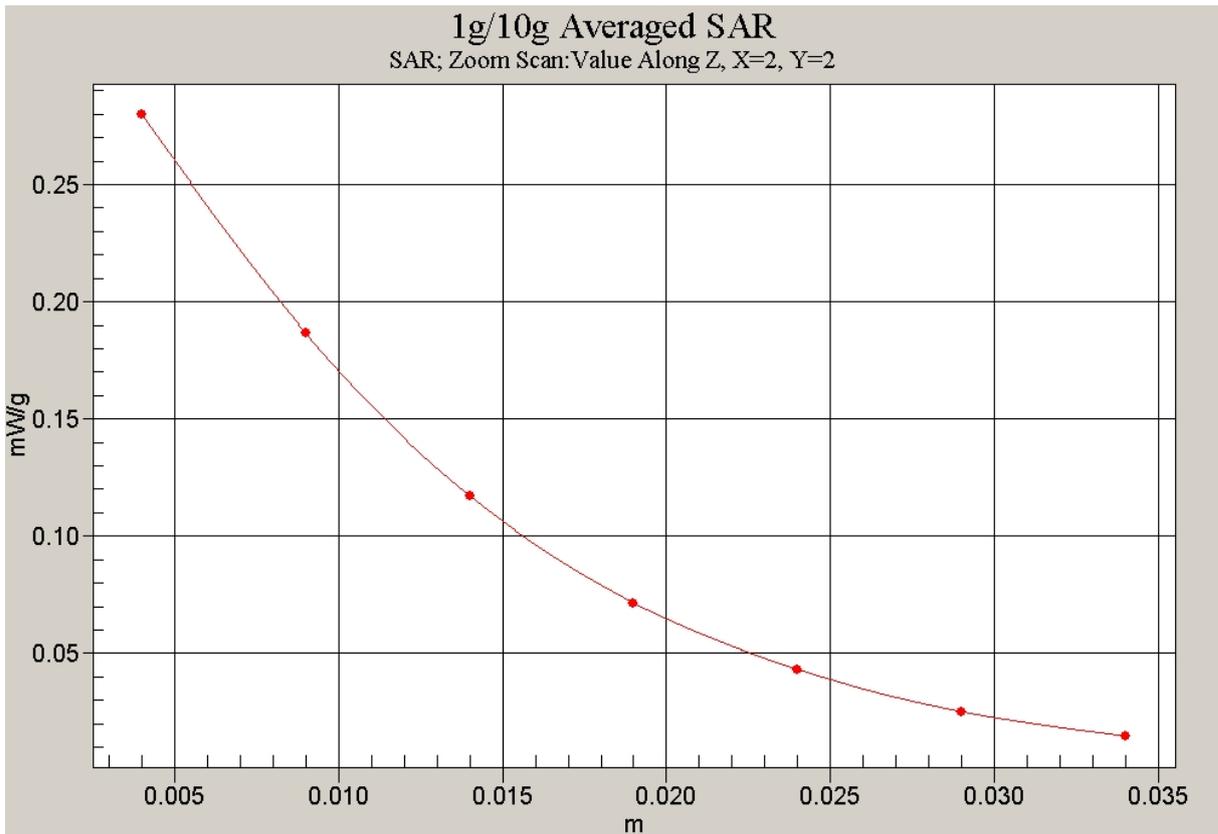


Fig. 154 Z-Scan at power reference point (1900 MHz CH810) – Slide down

1900 Left Cheek Middle – Slide down

Date/Time: 2009-3-5 14:09:24

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.291 mW/g

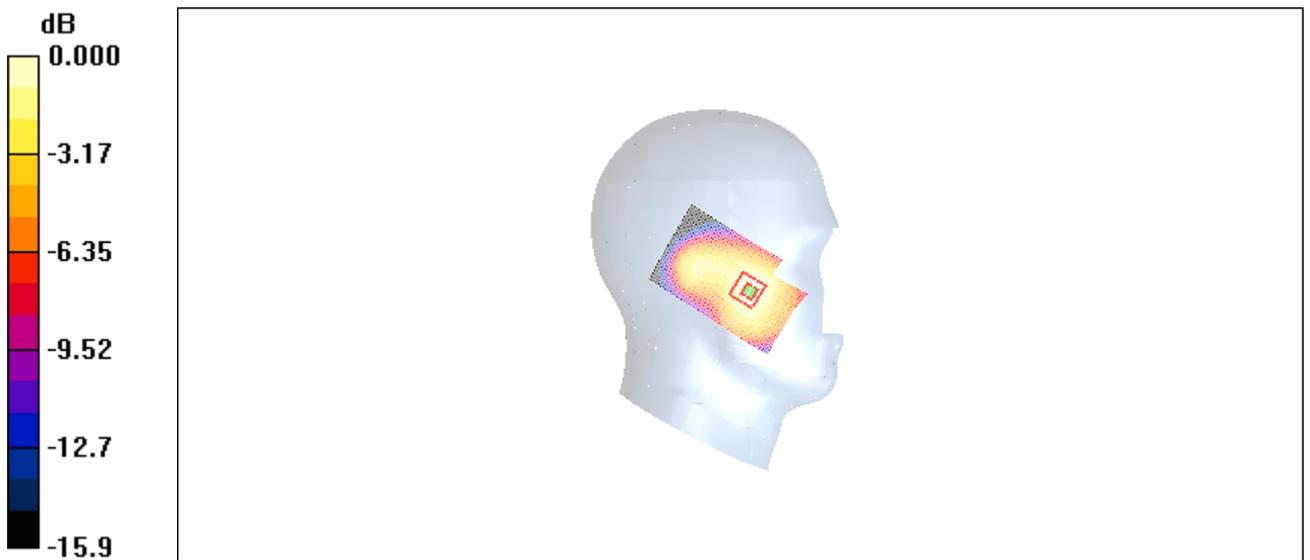
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305mW/g

Fig. 155 1900 MHz CH661 – Slide down

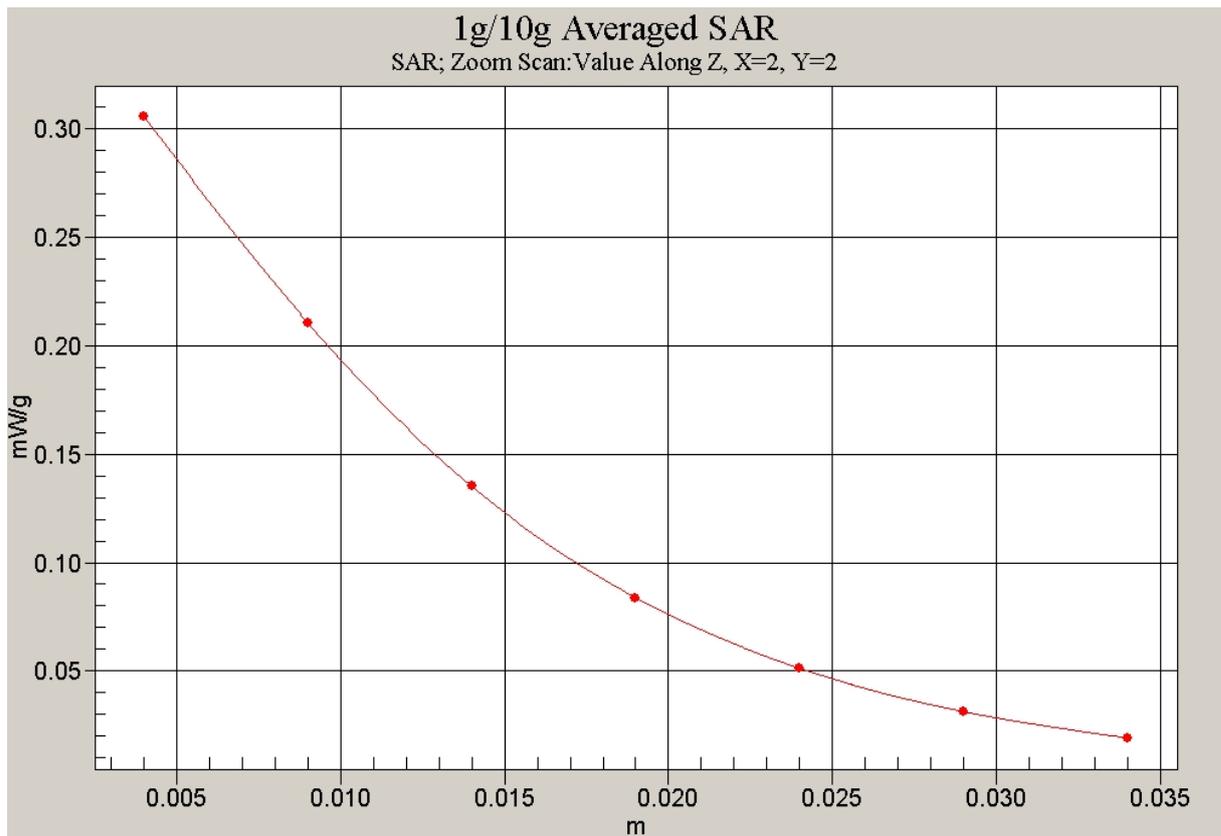


Fig. 156 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Left Cheek Low – Silde down

Date/Time: 2009-3-5 14:23:40

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.272 mW/g

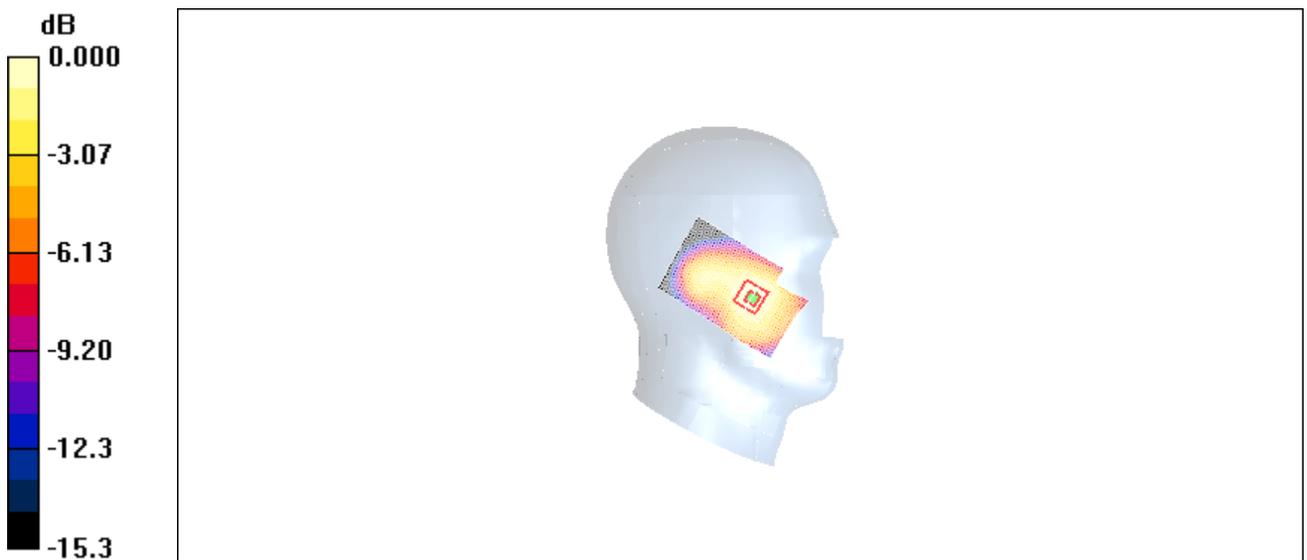
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287mW/g

Fig. 157 1900 MHz CH512 – Slide down

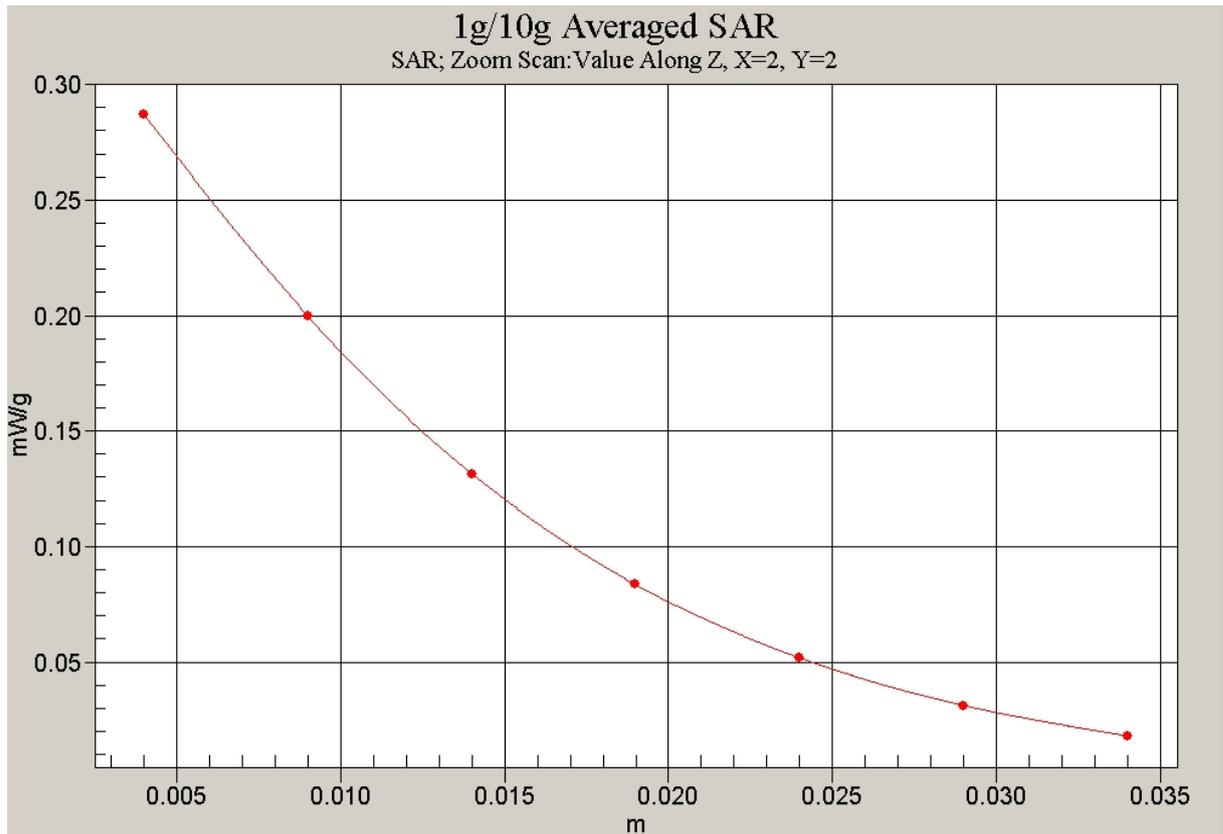


Fig. 158 Z-Scan at power reference point (1900 MHz CH512) – Slide down

1900 Left Tilt Middle – Slide down

Date/Time: 2009-3-5 14:37:52

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.201 mW/g

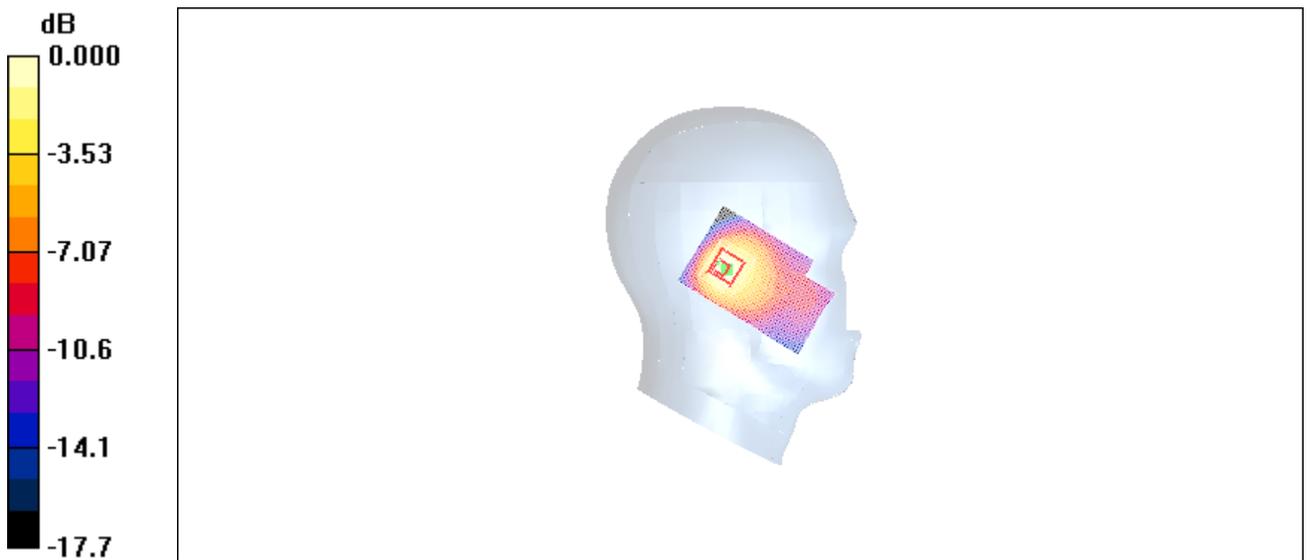
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.211mW/g

Fig. 159 1900 MHz CH661 – Slide down

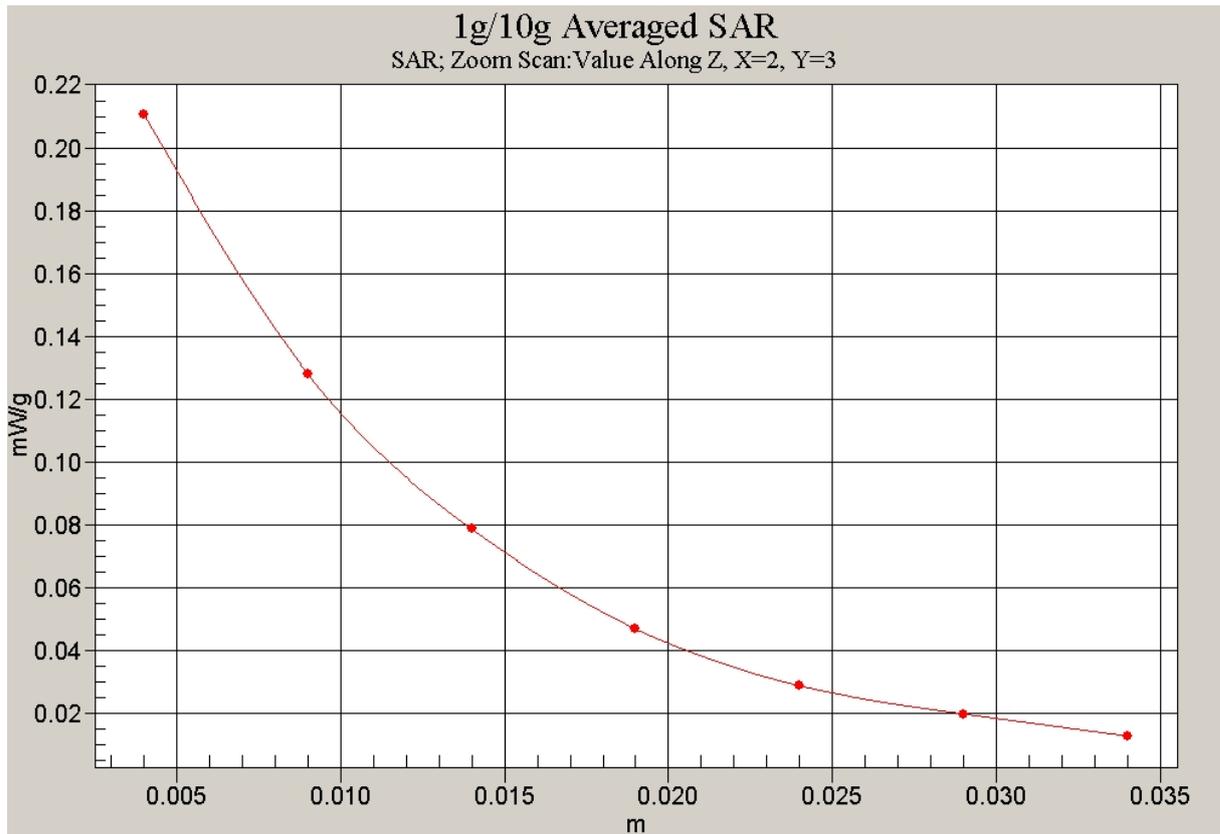


Fig. 160 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Right Cheek Middle – Slide down

Date/Time: 2009-3-5 14:51:47

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.260 mW/g

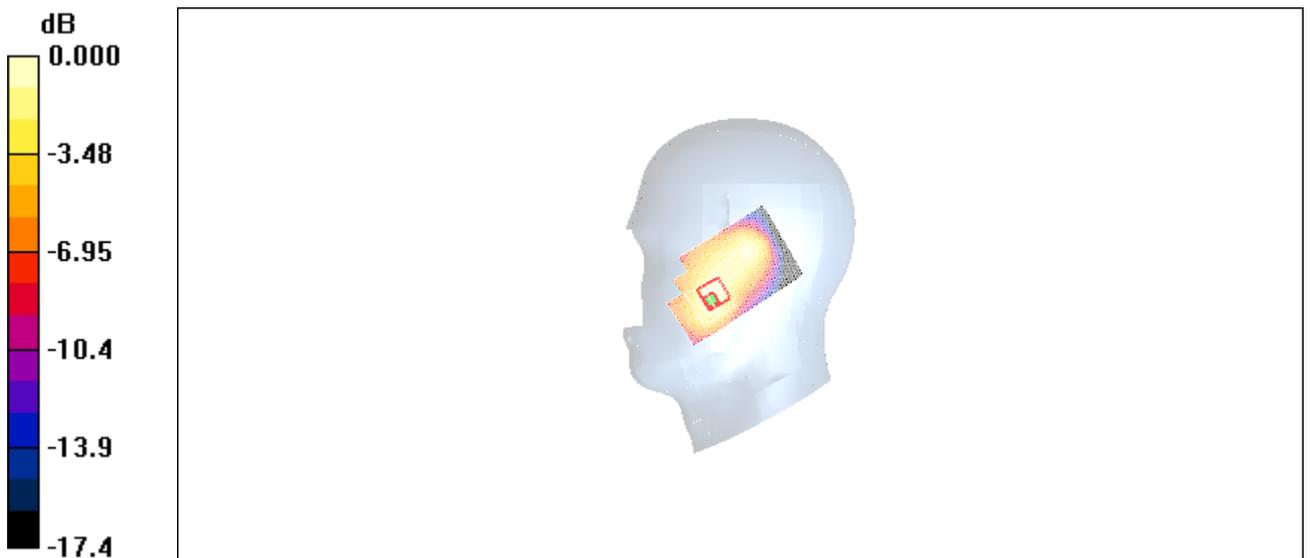
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.62 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.271mW/g

Fig. 161 1900 MHz CH661 – Slide down

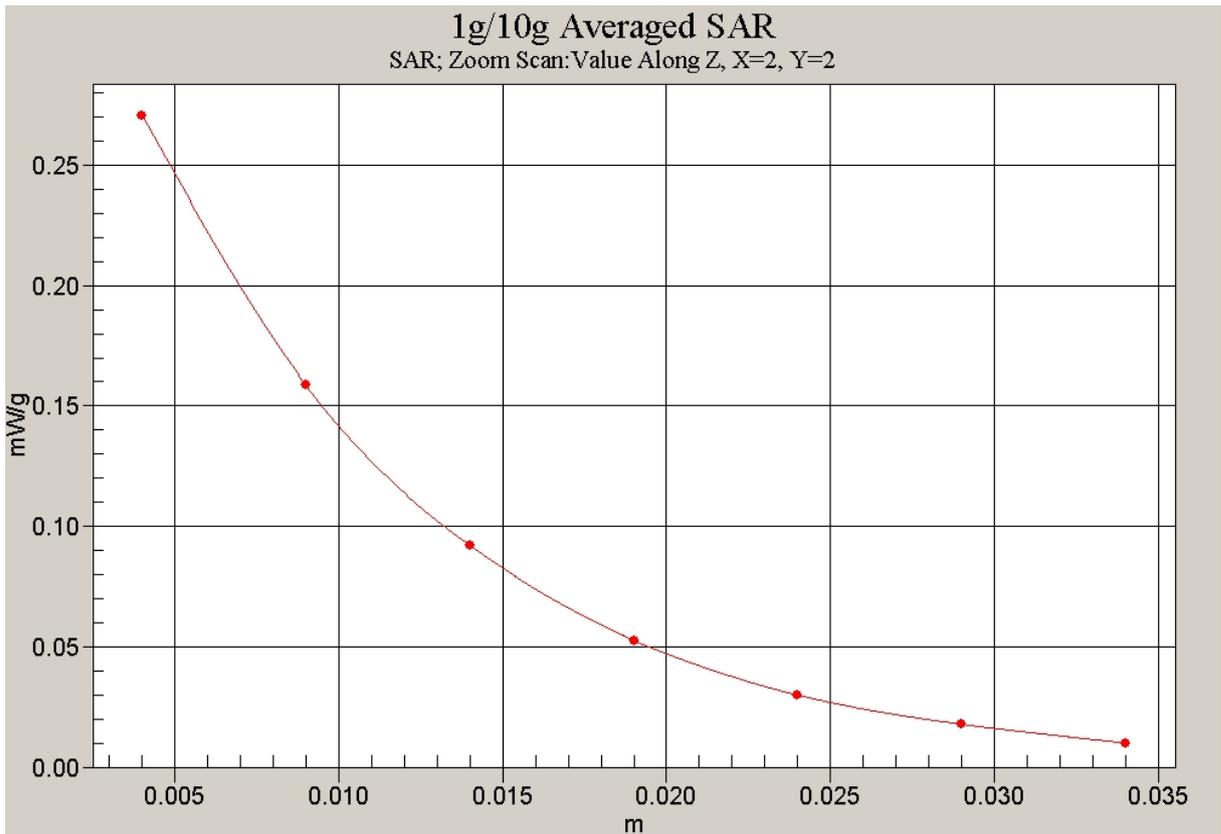


Fig.162 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Right Tilt Middle – Slide down

Date/Time: 2009-3-5 15:05:39

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

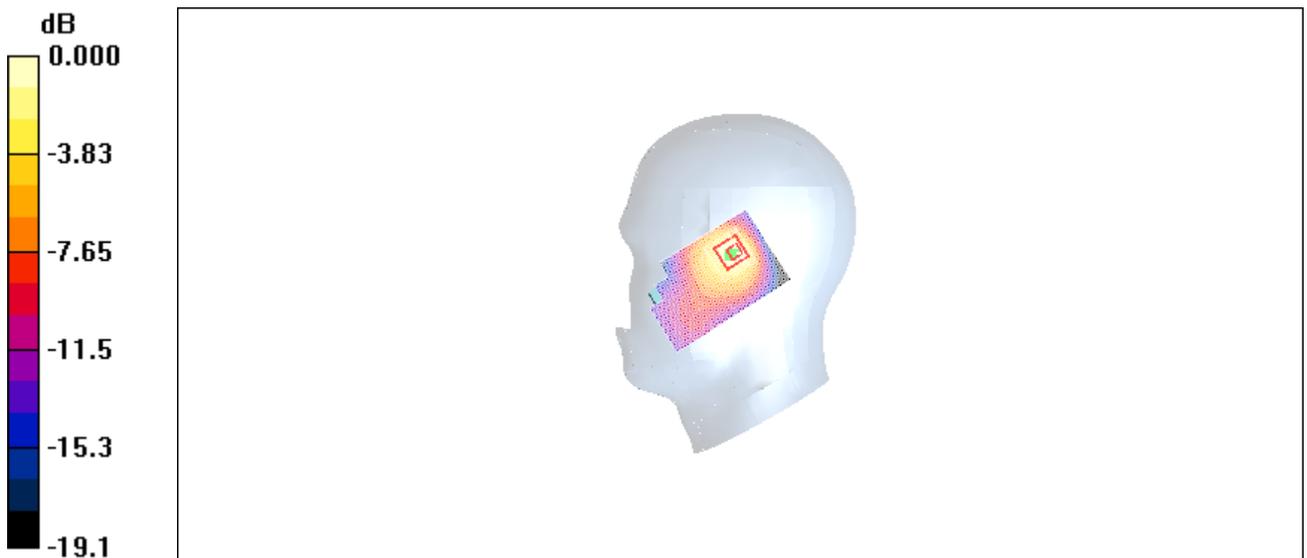
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.130 mW/g

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



0 dB = 0.261mW/g

Fig.163 1900 MHz CH661 – Slide down

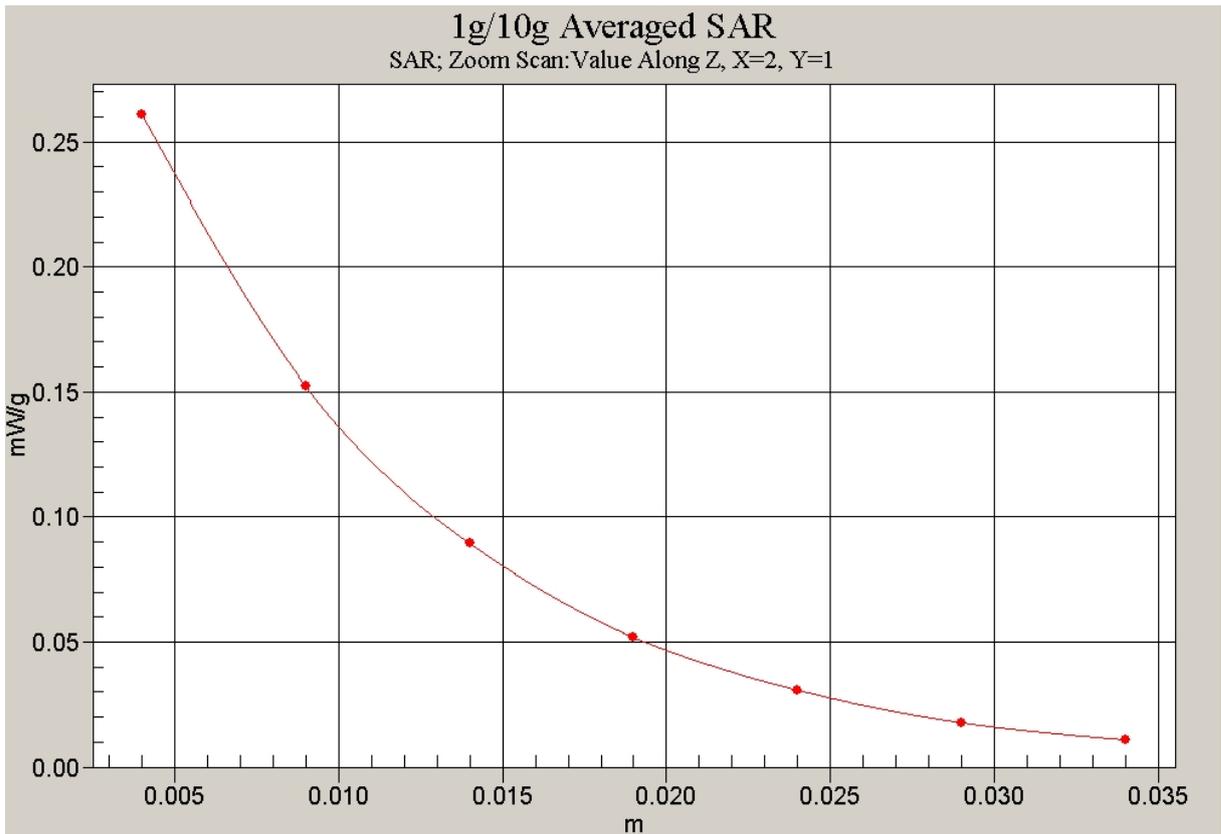


Fig. 164 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Left Cheek High – Slide up

Date/Time: 2009-3-5 15:19:53

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Maximum value of SAR (interpolated) = 0.191 mW/g

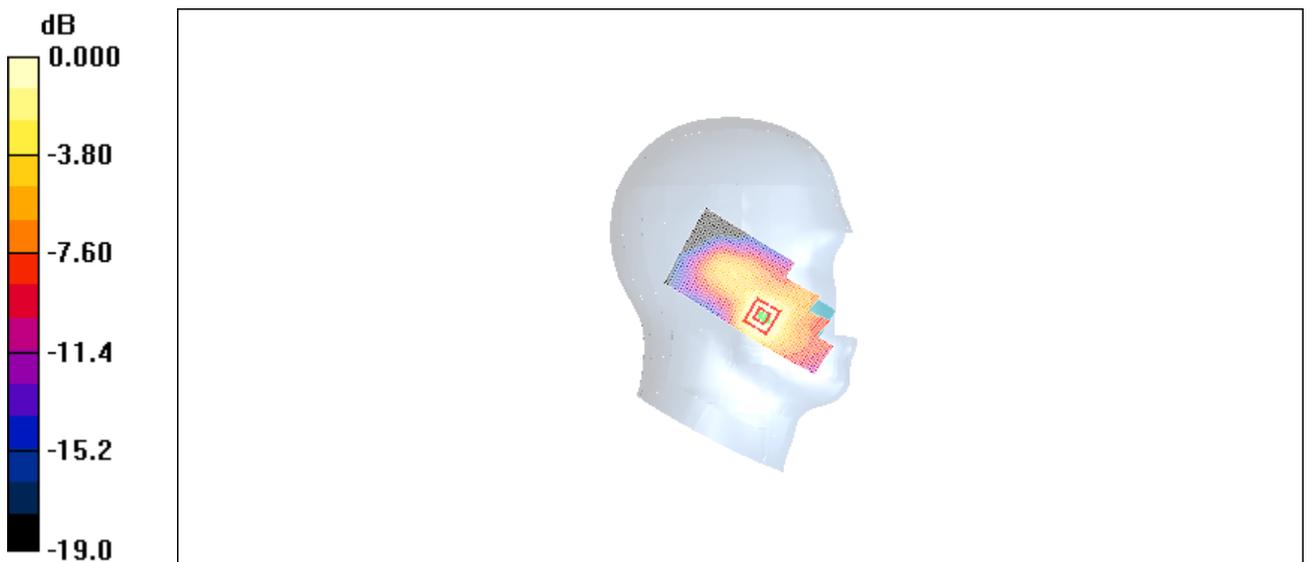
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.55 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.193mW/g

Fig. 165 1900 MHz CH810 – Slide up

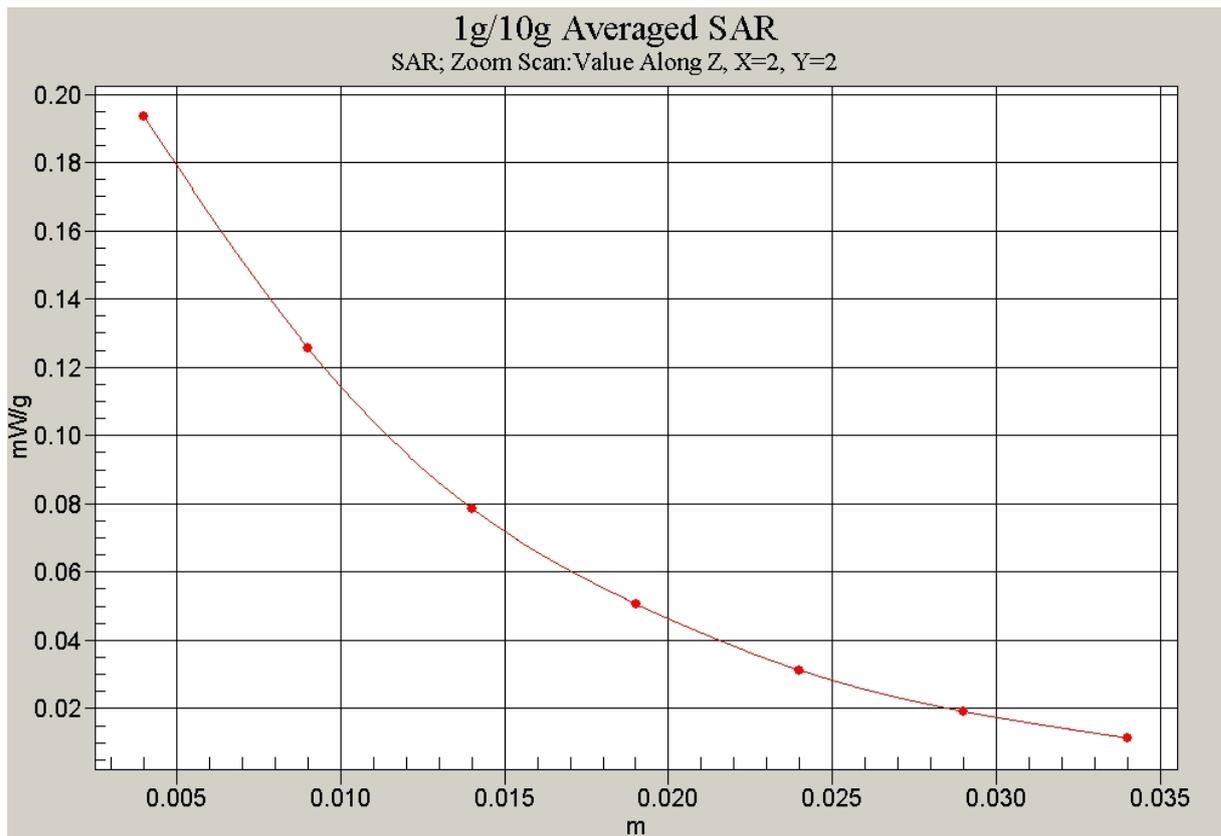


Fig. 166 Z-Scan at power reference point (1900 MHz CH810) – Slide up

1900 Left Cheek Middle – Slide up

Date/Time: 2009-3-5 15:34:12

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Maximum value of SAR (interpolated) = 0.248 mW/g

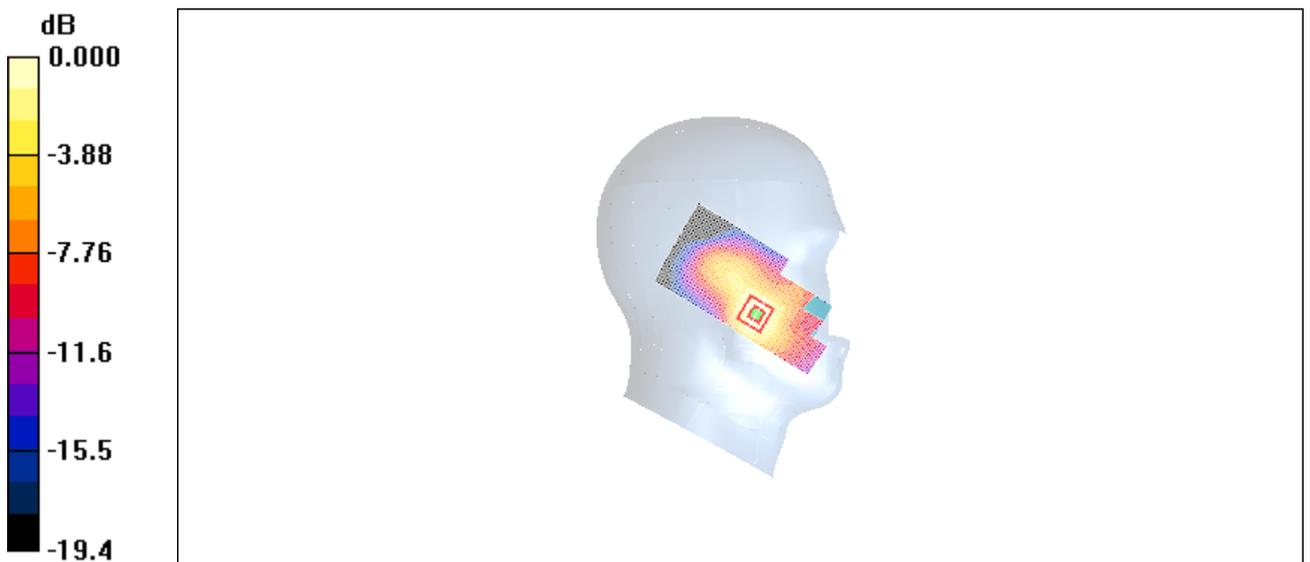
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.97 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.254 mW/g



0 dB = 0.254mW/g

Fig. 167 1900 MHz CH661 – Slide up

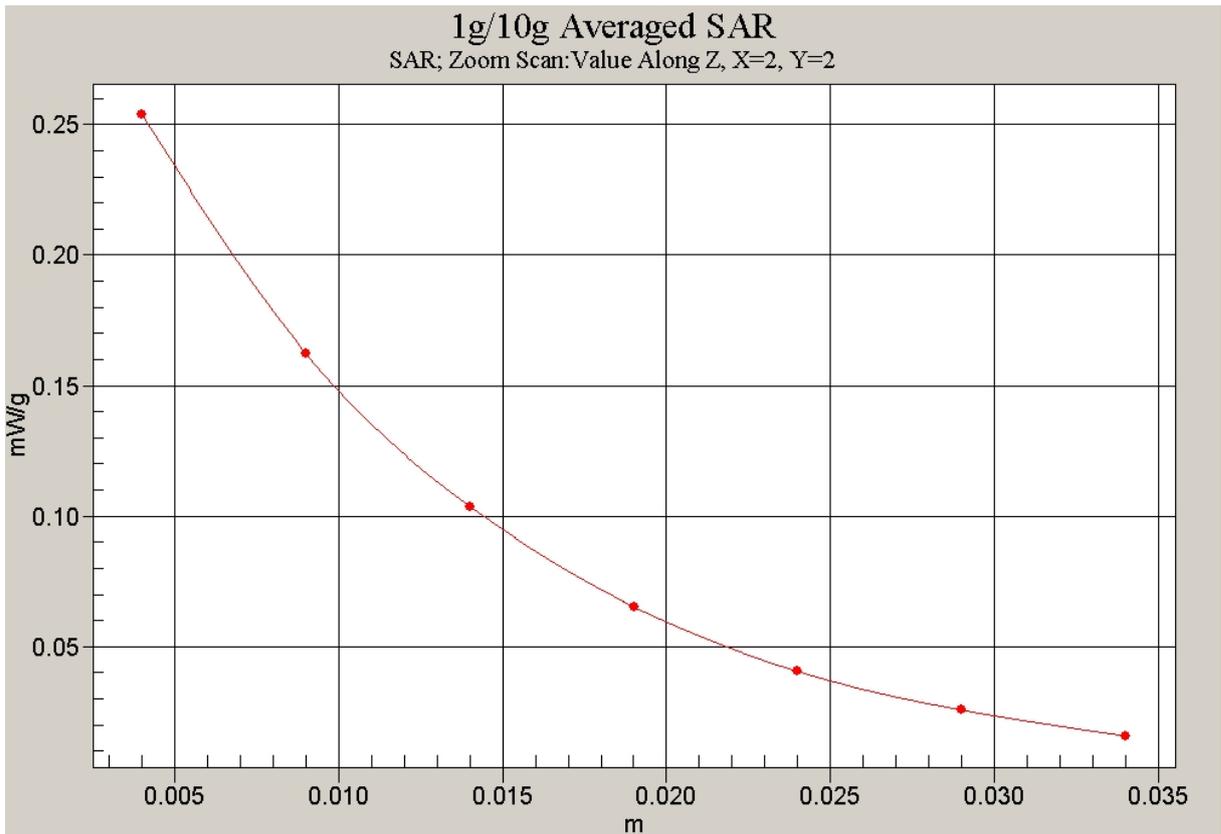


Fig. 168 Z-Scan at power reference point (1900 MHz CH661) – Slide up

1900 Left Cheek Low – Silde up

Date/Time: 2009-3-5 15:48:17

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

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

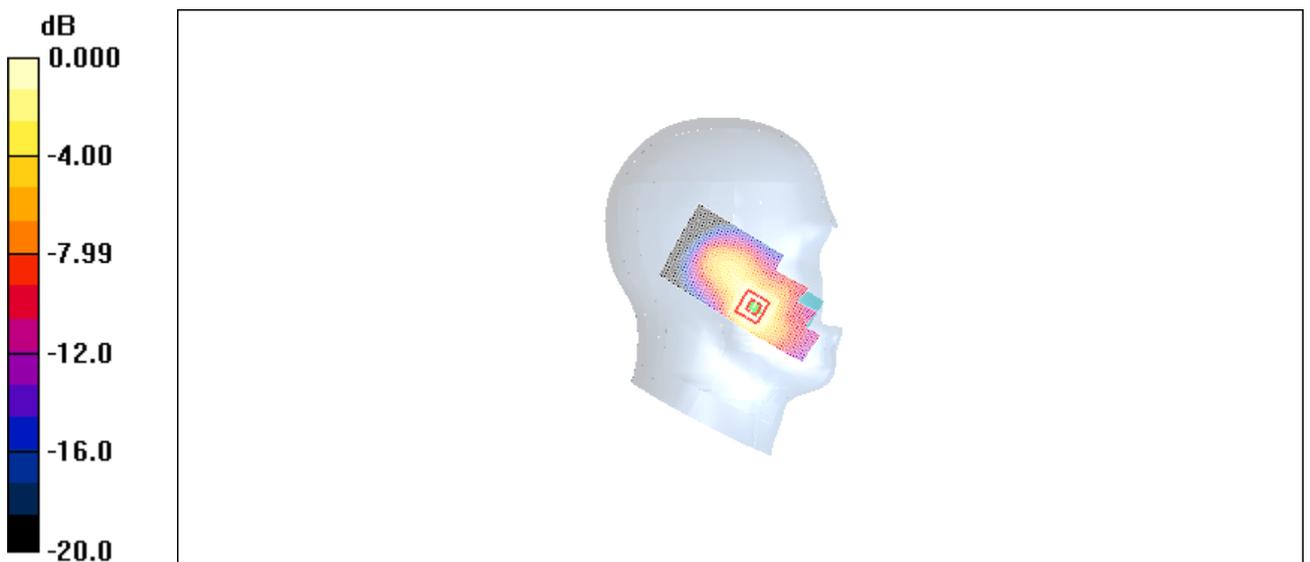
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.10 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.155 mW/g

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



0 dB = 0.293mW/g

Fig. 169 1900 MHz CH512 – Silde up

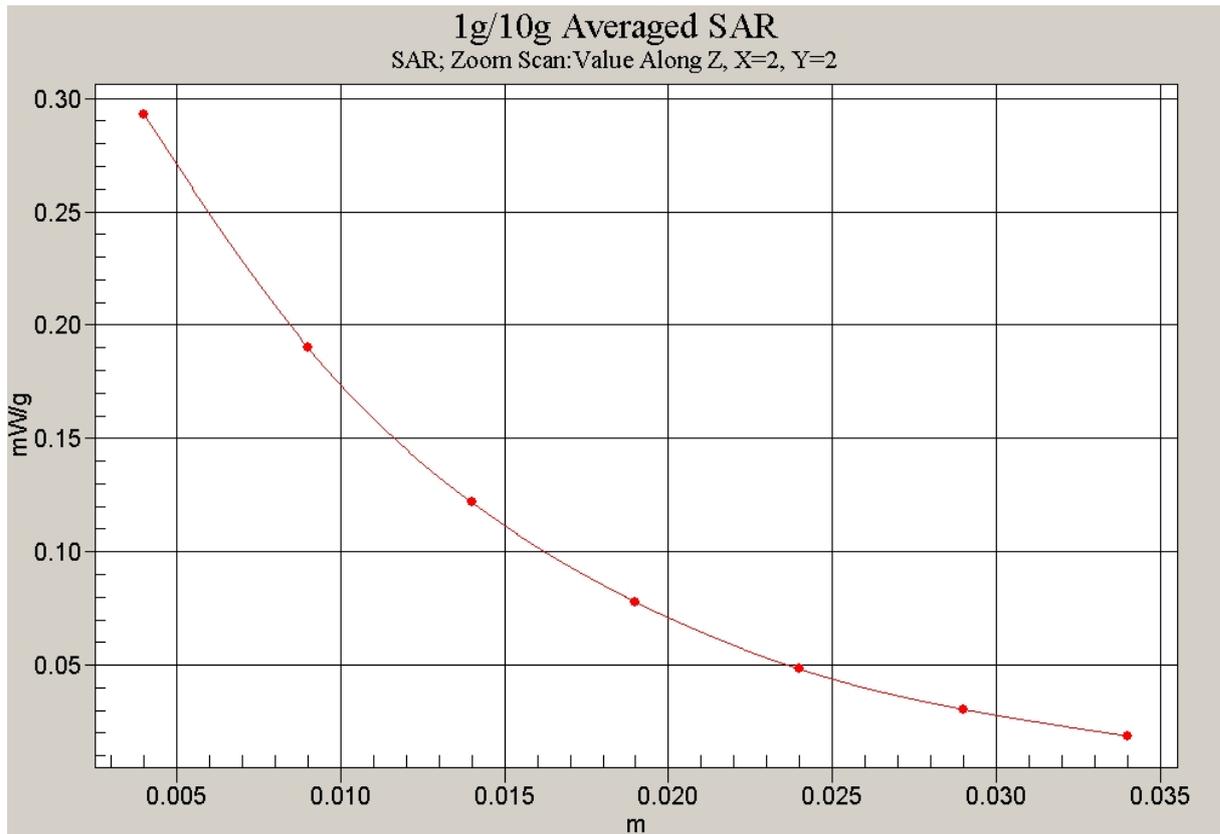


Fig. 170 Z-Scan at power reference point (1900 MHz CH512) – Slide up

1900 Left Tilt Middle – Slide up

Date/Time: 2009-3-5 16:02:07

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Maximum value of SAR (interpolated) = 0.132 mW/g

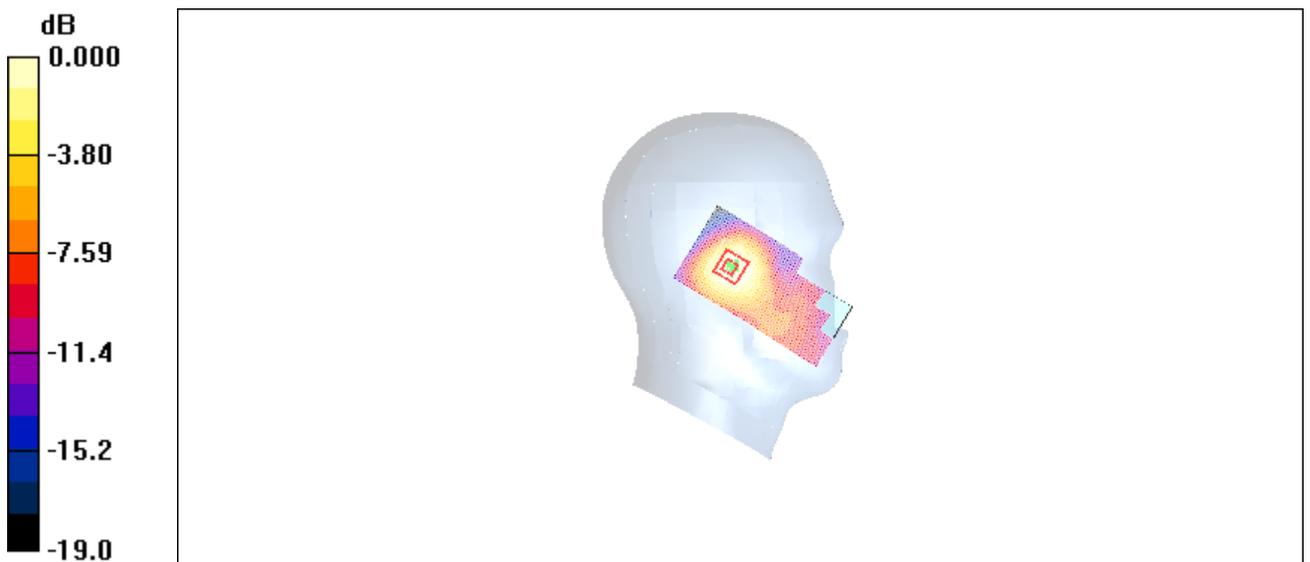
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.16 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.114 mW/g



0 dB = 0.114mW/g

Fig. 171 1900 MHz CH661 – Slide up

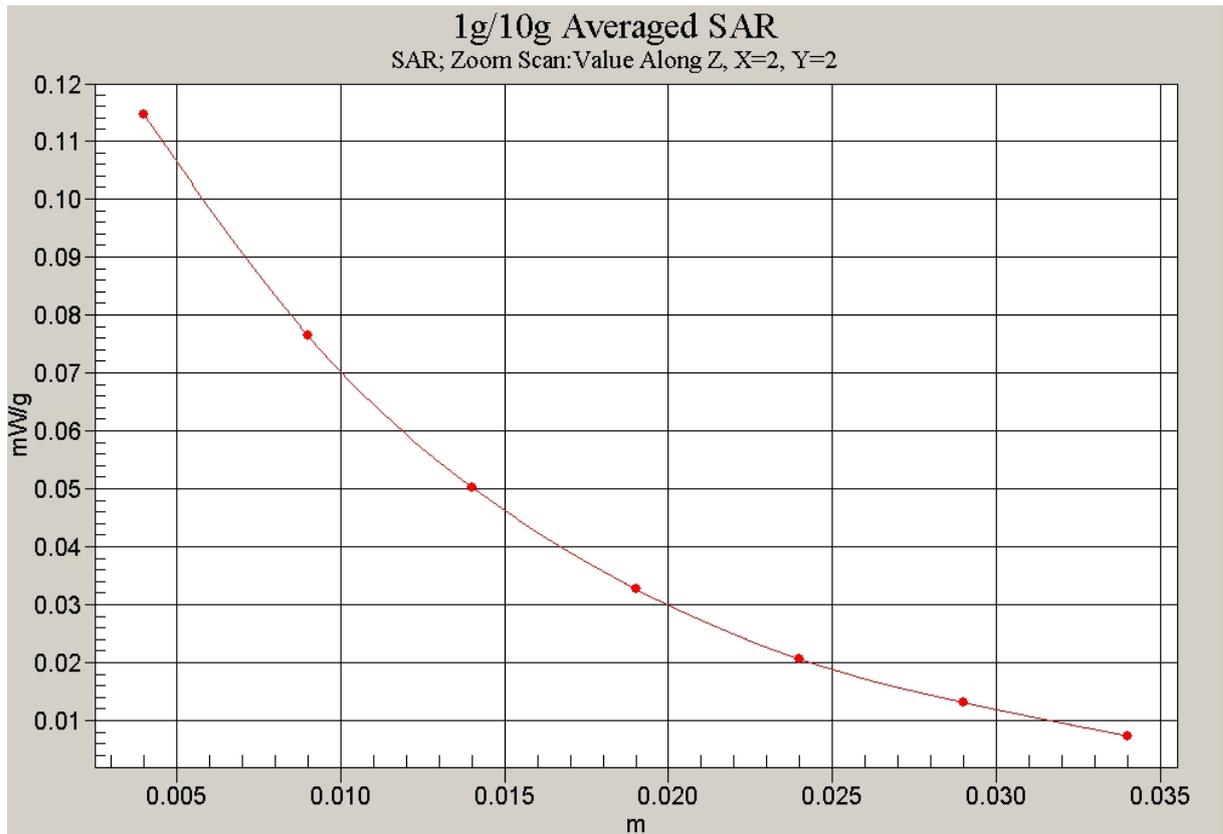


Fig. 172 Z-Scan at power reference point (1900 MHz CH661) – Slide up

1900 Right Cheek Middle – Slide up

Date/Time: 2009-3-5 16:16:25

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Maximum value of SAR (interpolated) = 0.151 mW/g

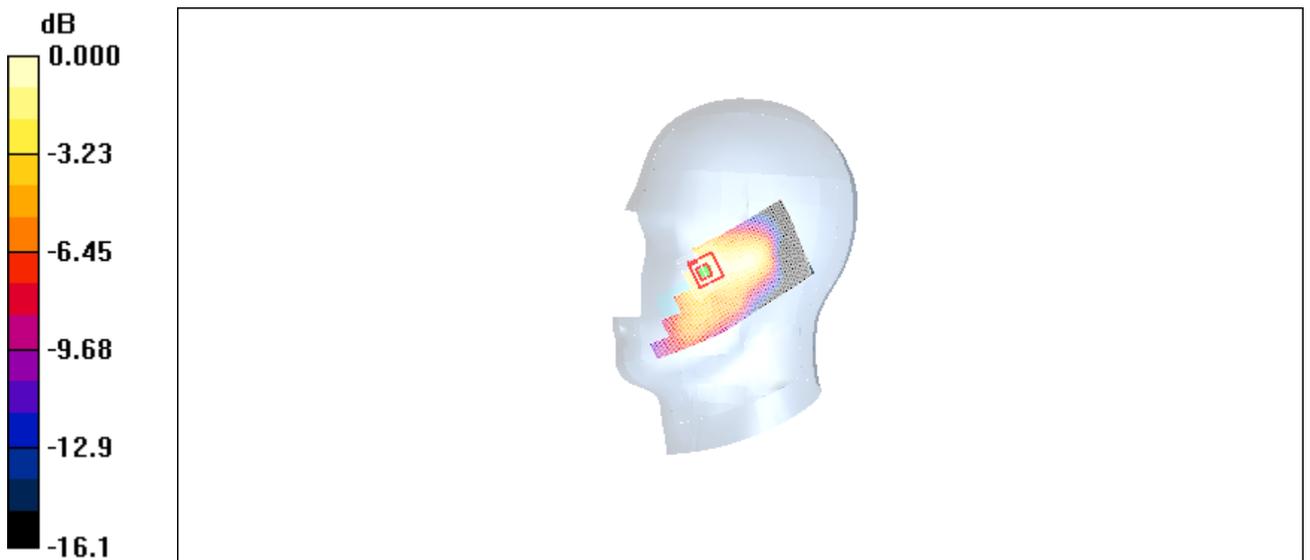
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.98 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.152mW/g

Fig. 173 1900 MHz CH661 – Slide up



Fig.174 Z-Scan at power reference point (1900 MHz CH661) – Slide up

1900 Right Tilt Middle – Slide up

Date/Time: 2009-3-5 16:30:23

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Maximum value of SAR (interpolated) = 0.147 mW/g

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

Reference Value = 5.37 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.132 mW/g



0 dB = 0.132mW/g

Fig.175 1900 MHz CH661 – Slide up

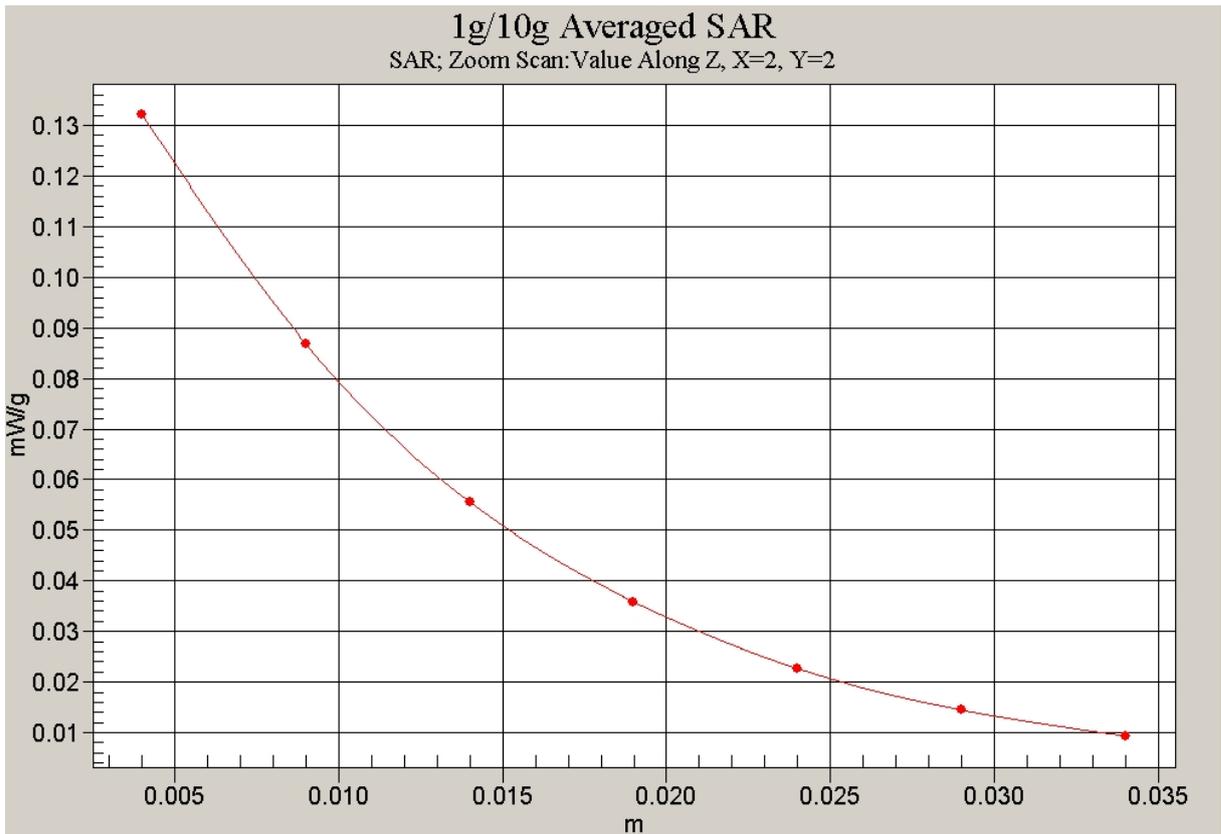


Fig. 176 Z-Scan at power reference point (1900 MHz CH661) – Slide up

1900 Body Towards Ground High with GPRS – Slide down

Date/Time: 2009-3-5 16:45:29

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

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

Toward Ground High/Area Scan (71x91x1): Measurement grid: dx=10mm, dy=10mm

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

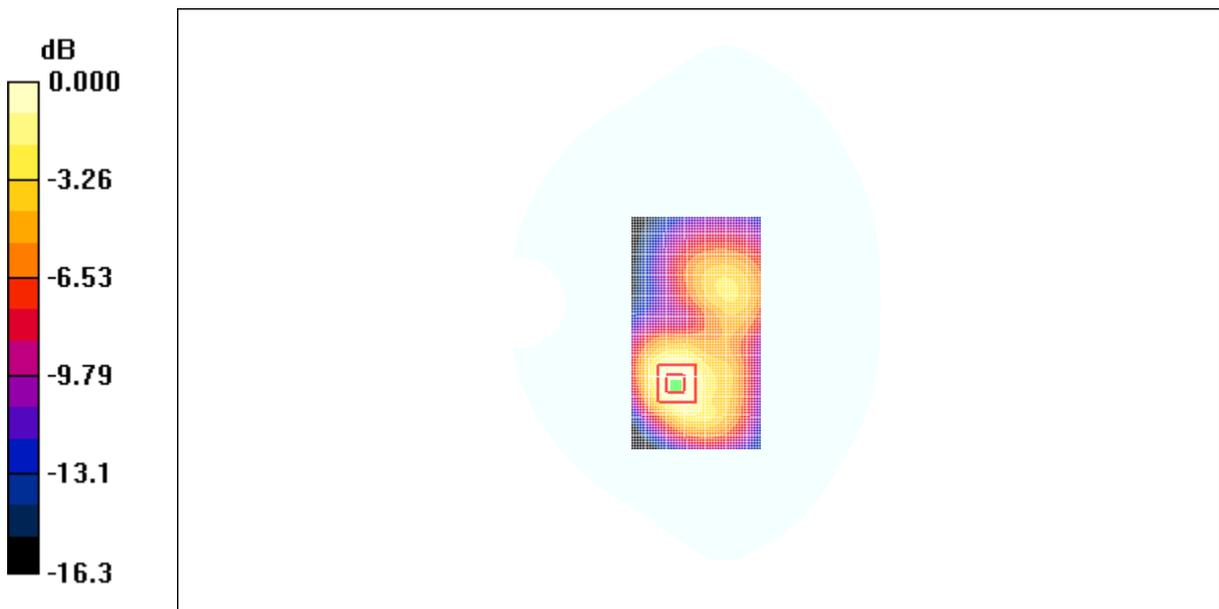
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.559 mW/g



0 dB = 0.559mW/g

Fig. 177 1900 MHz CH810 – Slide down

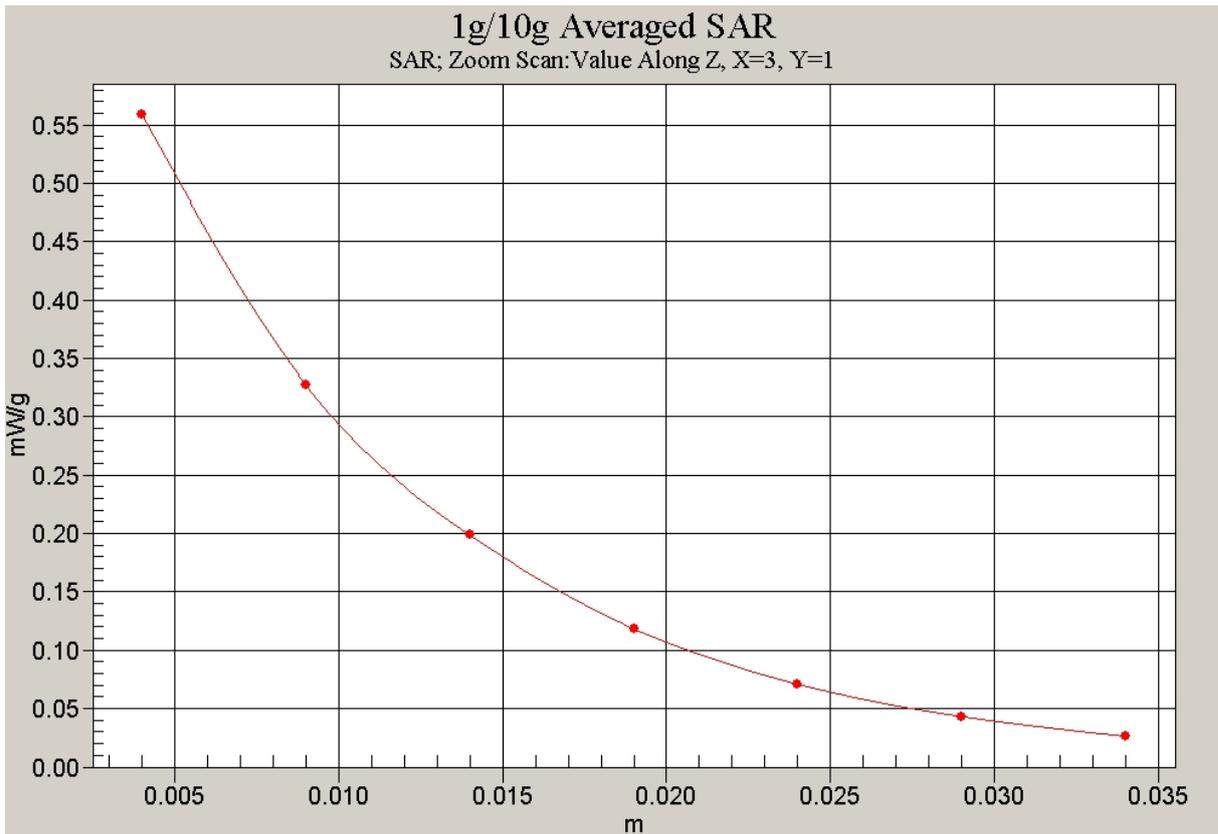


Fig. 178 Z-Scan at power reference point (1900 MHz CH810) – Slide down

1900 Body Towards Ground Middle with GPRS – Slide down

Date/Time: 2009-3-5 16:59:09

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

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

Toward Ground Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.800 mW/g

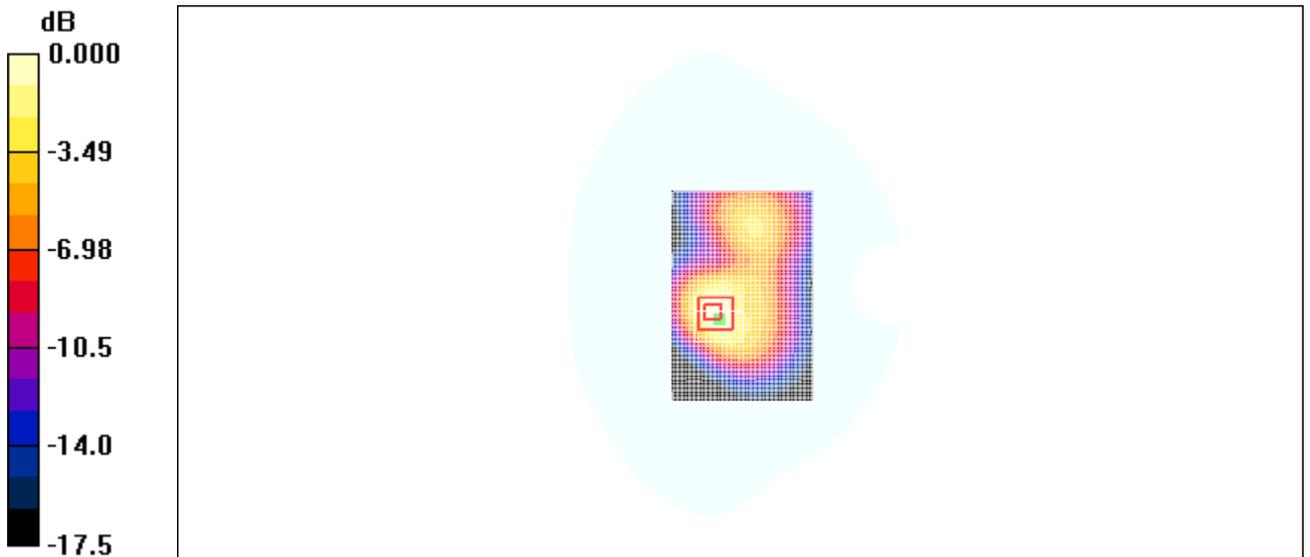
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.798 mW/g



0 dB = 0.798mW/g

Fig. 179 1900 MHz CH661 – Slide down