

WCDMA 1900 Body Toward Ground High – Slide down

Date/Time: 2009-3-5 10:34:01

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

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

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

Maximum value of SAR (interpolated) = 0.528 mW/g

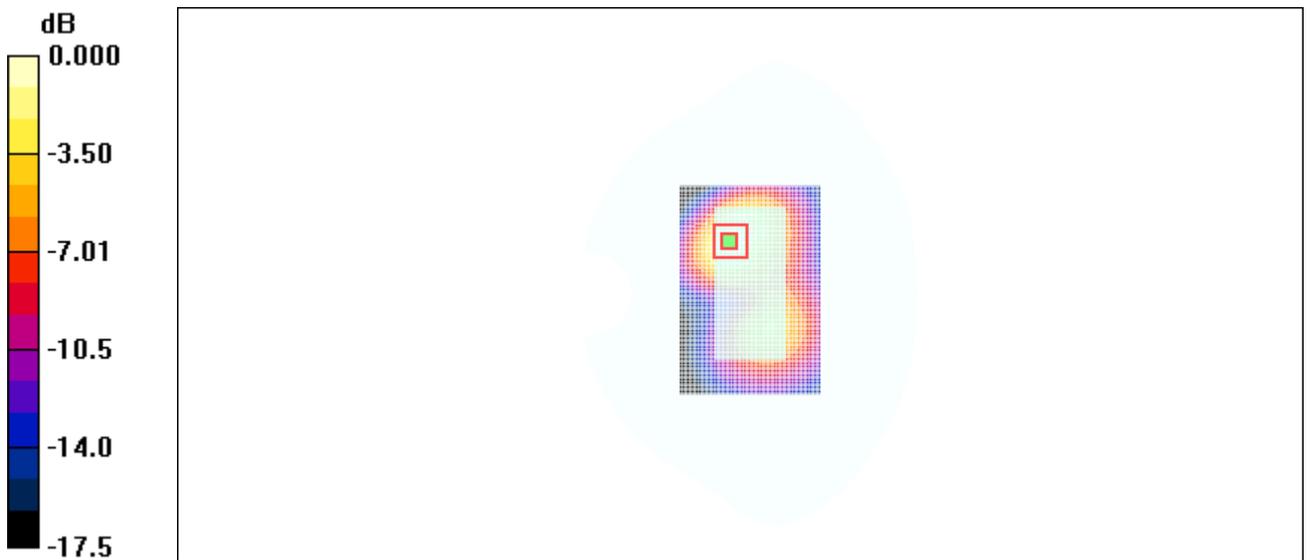
Towards Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.73 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.490 mW/g



0 dB = 0.490mW/g

Fig. 75 WCDMA 1900MHz, Body, Towards Ground, CH9538 – Slide down

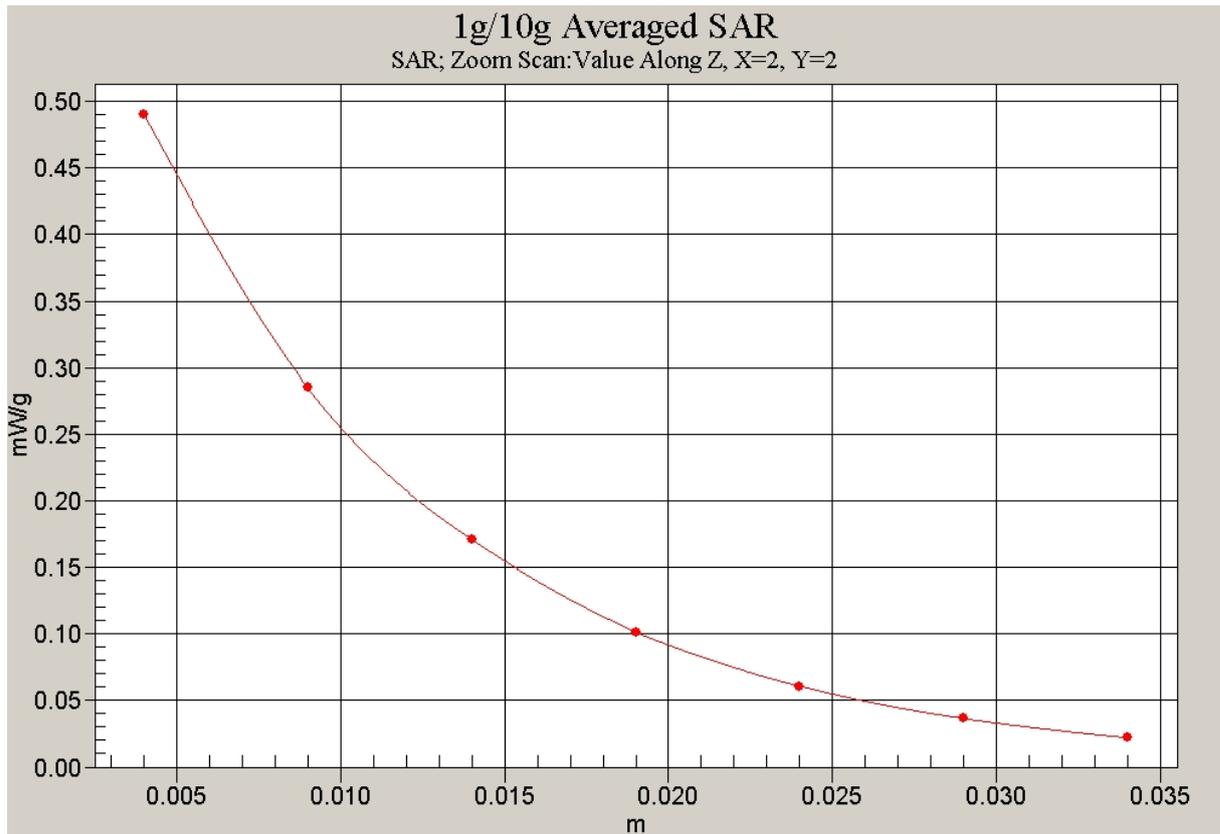


Fig. 76 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9538)
– Slide down

WCDMA 1900 Body Toward Ground Middle – Slide down

Date/Time: 2009-3-5 10:48:19

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

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

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

Maximum value of SAR (interpolated) = 0.567 mW/g

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

Reference Value = 7.70 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.518 mW/g

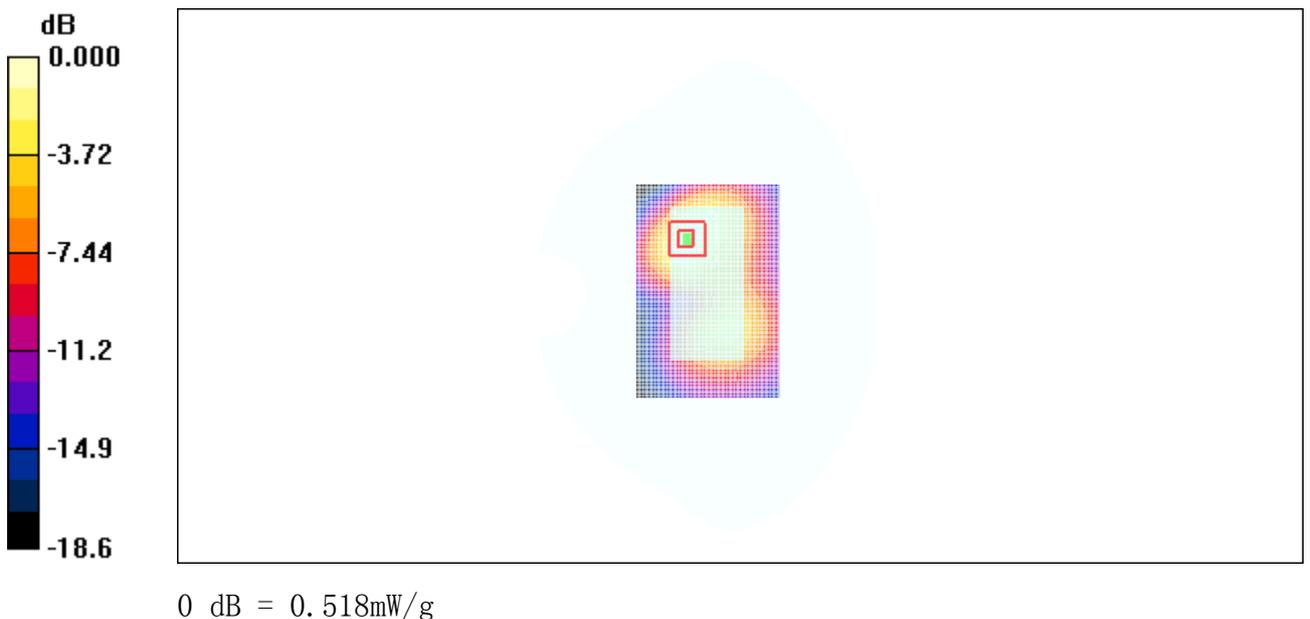


Fig. 77 WCDMA 1900MHz, Body, Towards Ground, CH9400 – Slide down

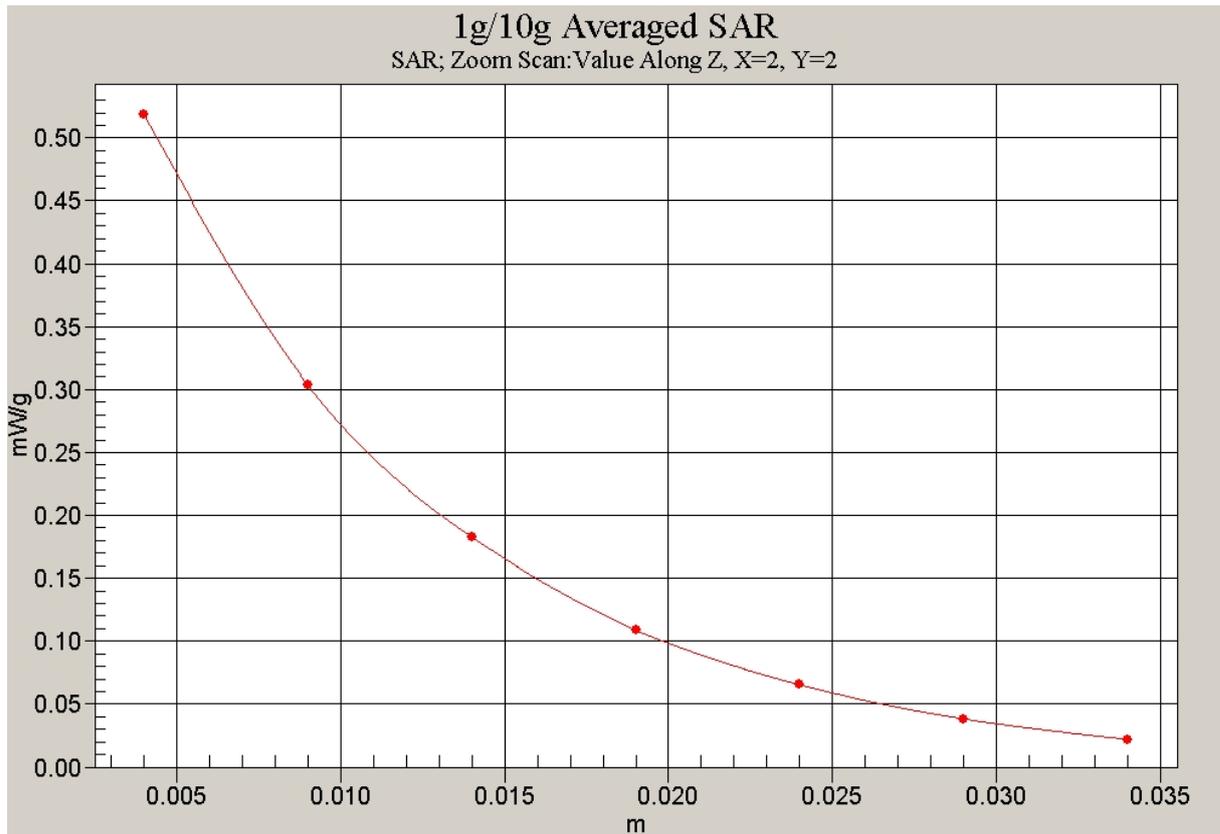


Fig. 78 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9400)
– Slide down

WCDMA 1900 Body Toward Ground Low – Slide down

Date/Time: 2009-3-5 11:02:46

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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)

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

Maximum value of SAR (interpolated) = 0.535 mW/g

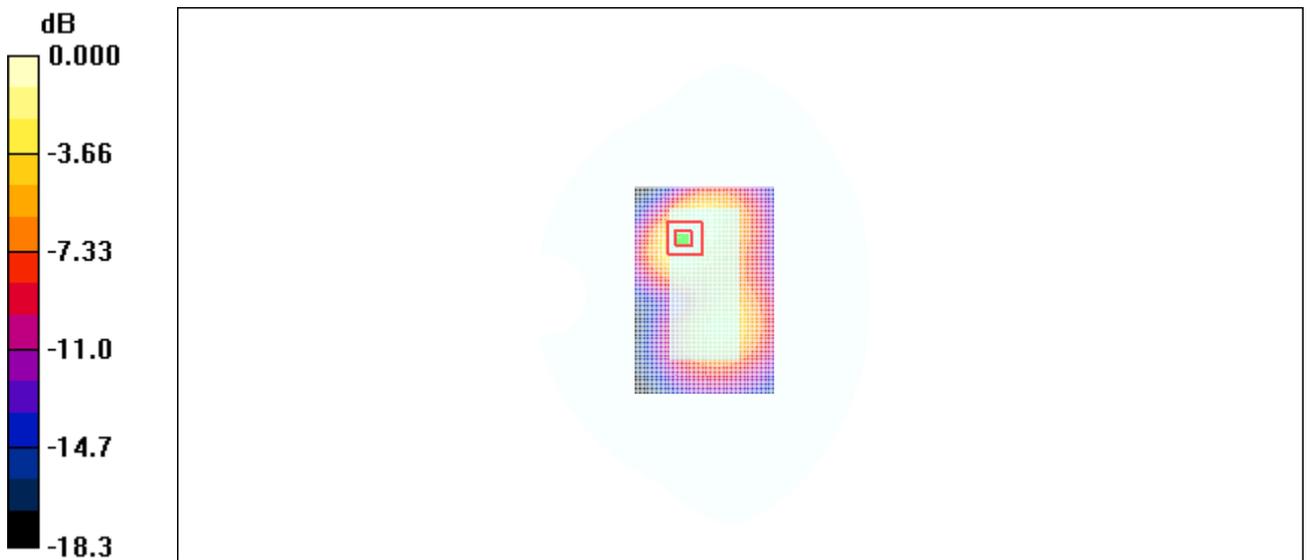
Towards Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.15 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.504mW/g

Fig. 79 WCDMA 1900MHz, Body, Towards Ground, CH9262 – Slide down

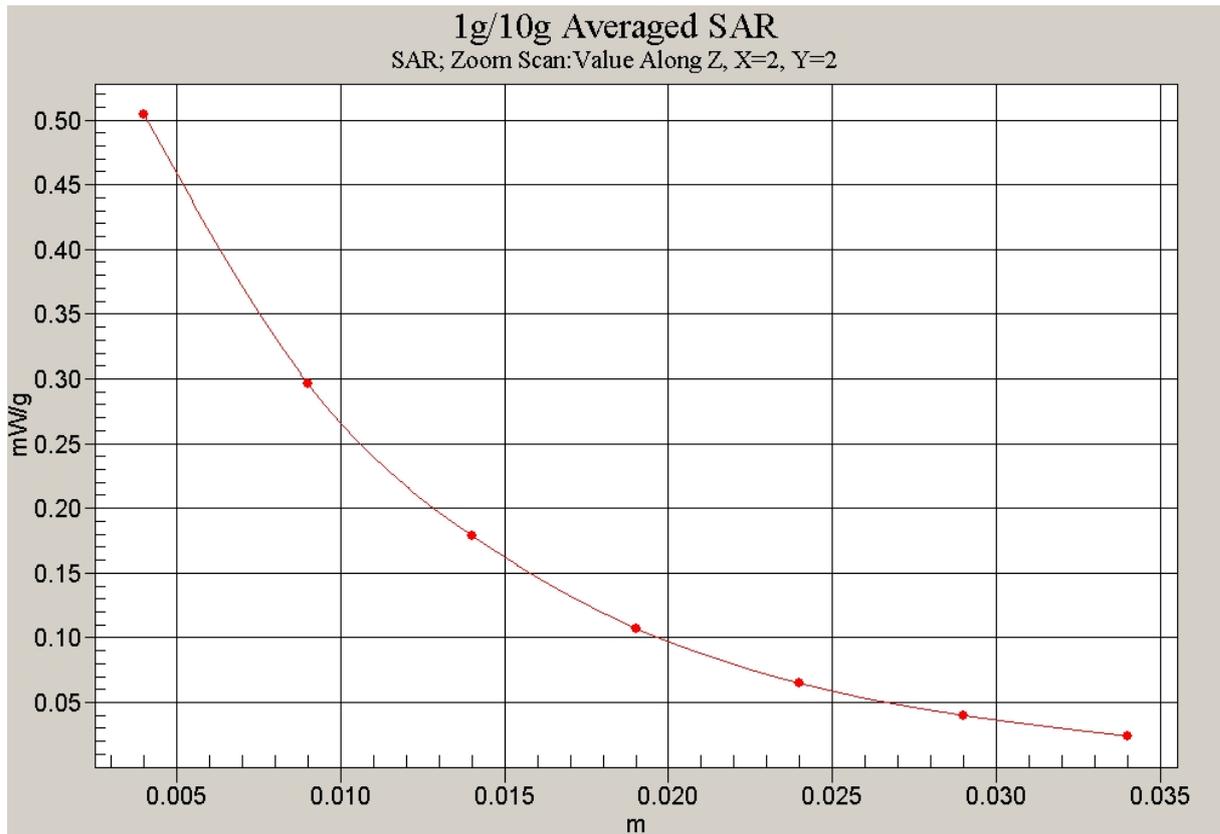


Fig. 80 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9262)
– Slide down

WCDMA 1900 Body Toward Phantom High – Slide down

Date/Time: 2009-3-5 11:16:34

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

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

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

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

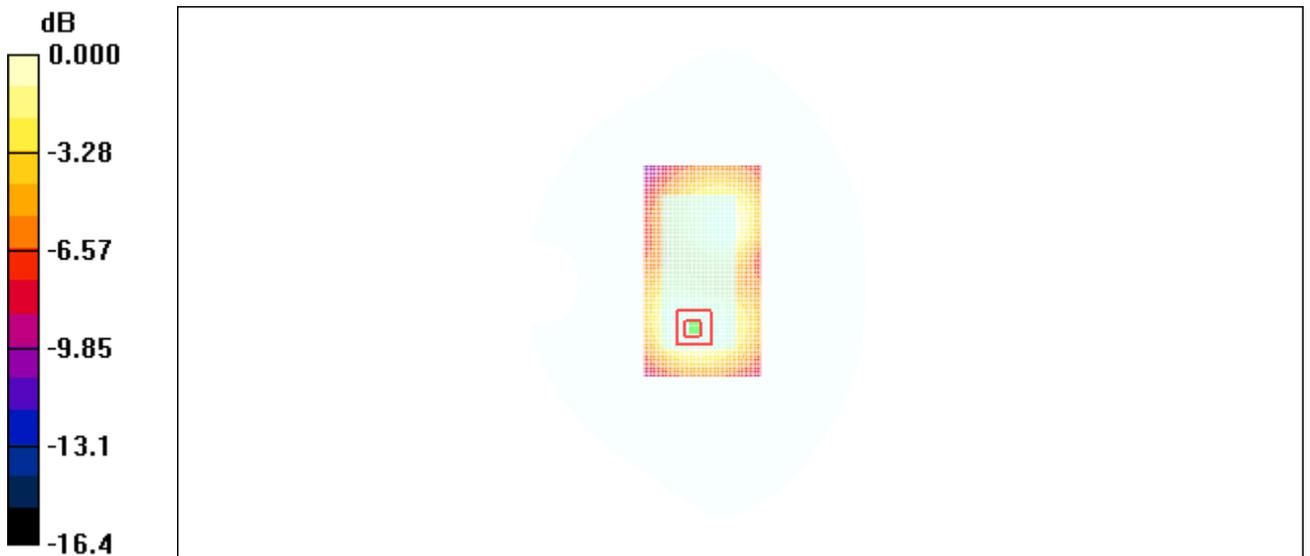
Towards Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.39 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.070 mW/g

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



0 dB = 0.117mW/g

Fig. 81 WCDMA 1900MHz, Body, Towards Phantom, CH9538 – Slide down

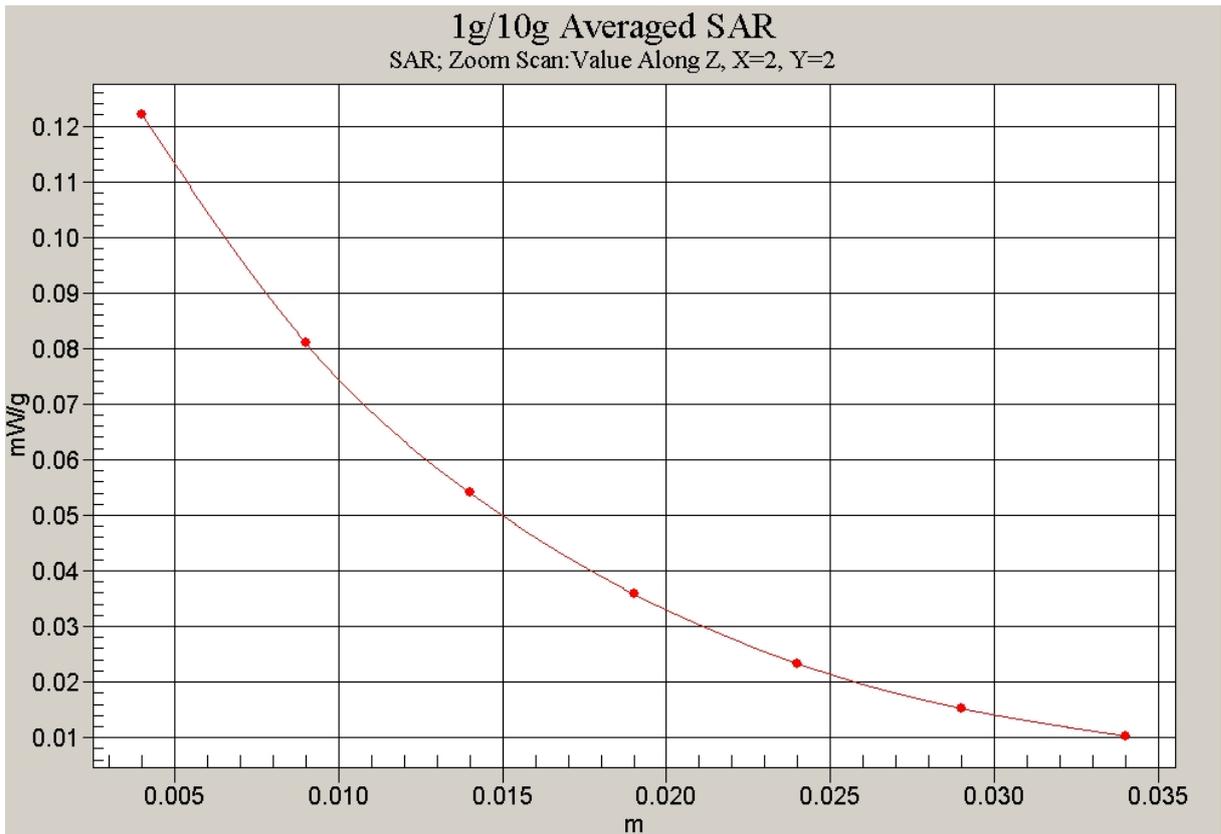


Fig. 82 Z-Scan at power reference point (WCDMA 1900MHz,Body,Towards Phantom,CH9538)
– Slide down

WCDMA 1900 Body Toward Phantom Middle – Slide down

Date/Time: 2009-3-5 11:30:08

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

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

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

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

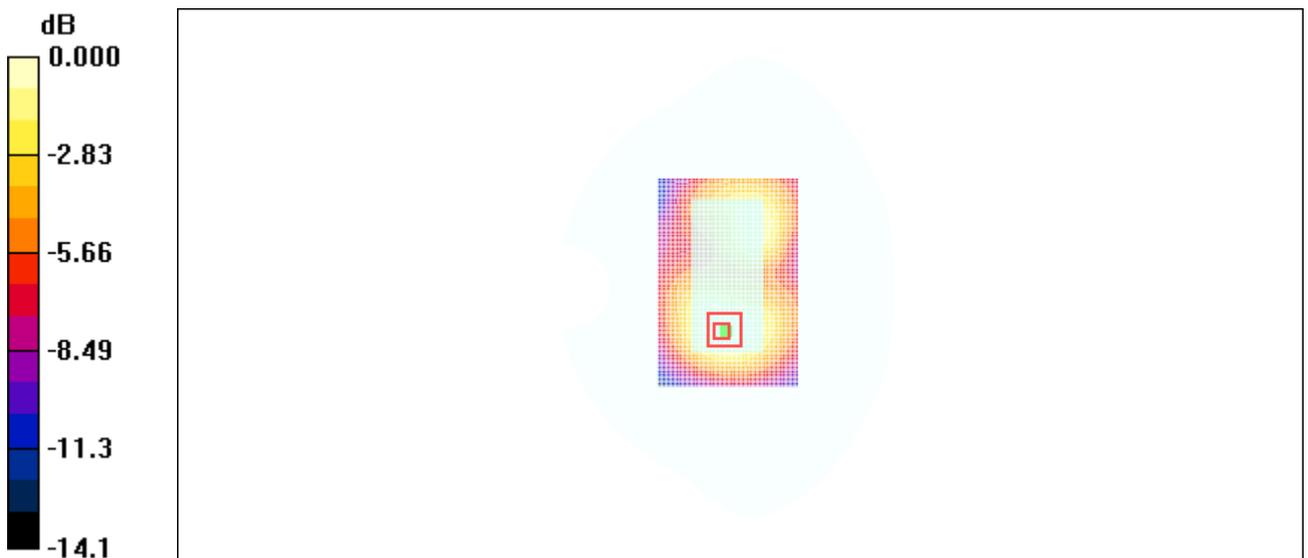
Towards Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.85 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.078 mW/g

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



0 dB = 0.128mW/g

Fig. 83 WCDMA 1900MHz, Body, Towards Phantom, CH9400 – Slide down

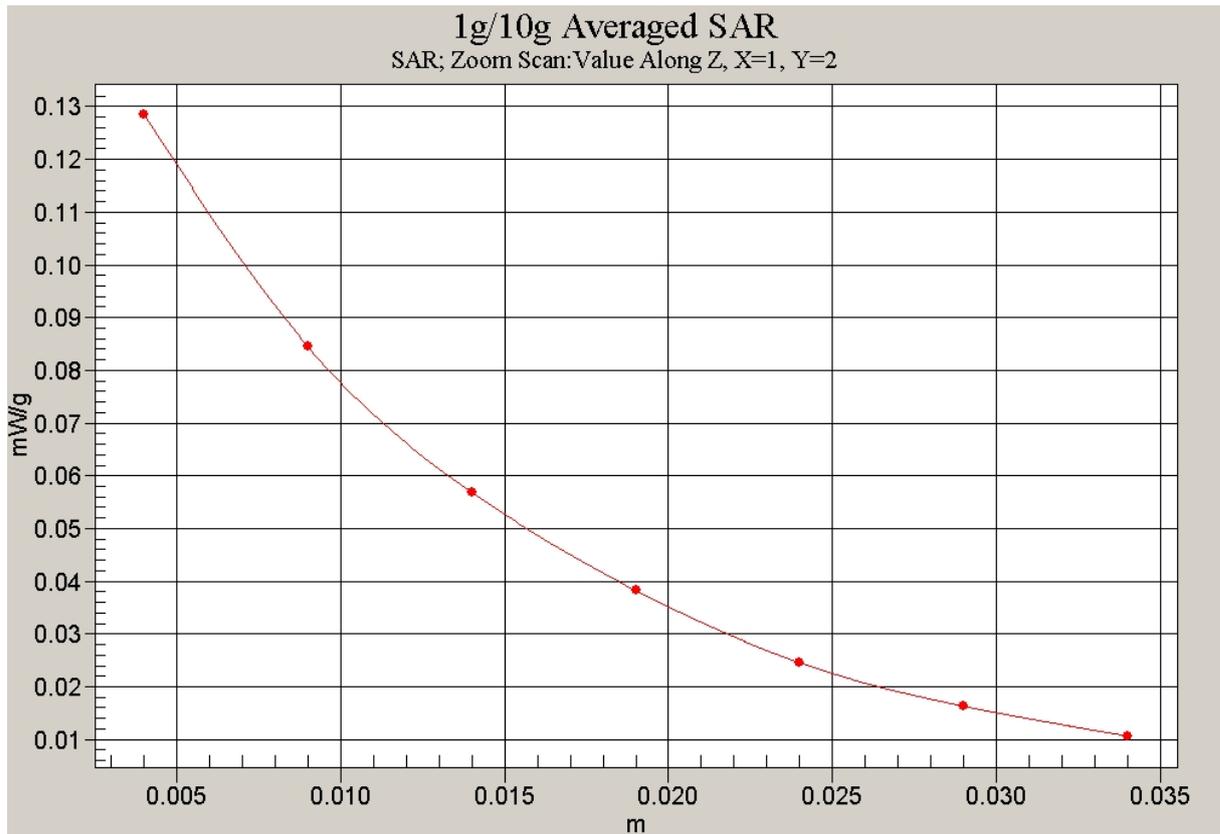


Fig. 84 Z-Scan at power reference point (WCDMA 1900MHz,Body,Towards Phantom,CH9400)
– Slide down

WCDMA 1900 Body Toward Phantom Low – Slide down

Date/Time: 2009-3-5 11:44:16

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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)

Towards Phantom Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.126 mW/g

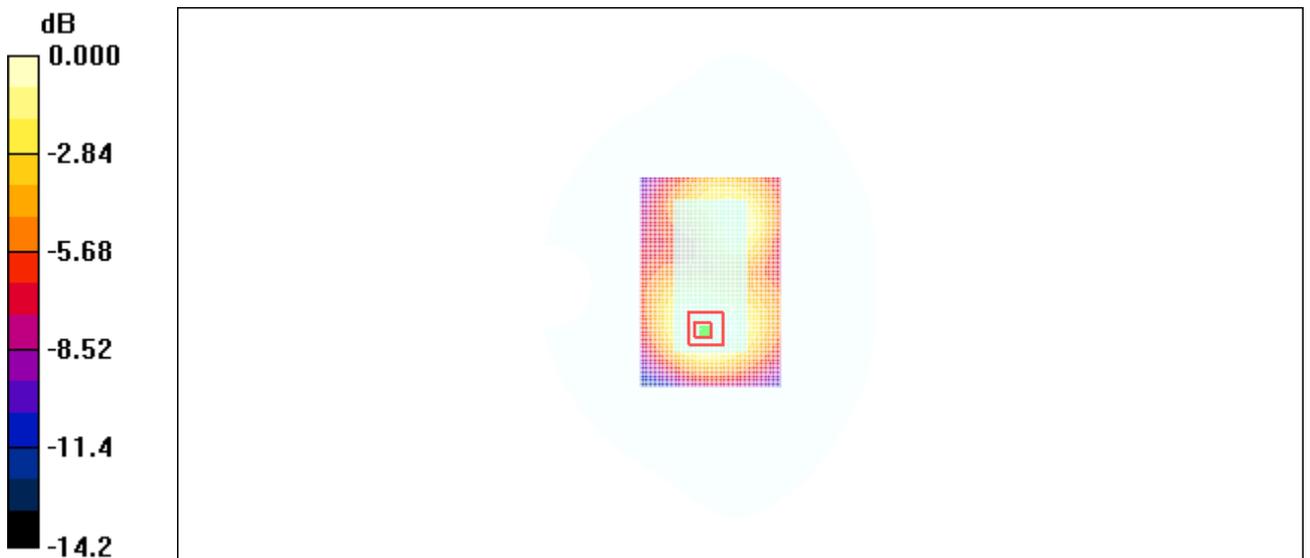
Towards Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.96 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.119mW/g

Fig. 85 WCDMA 1900MHz, Body, Towards Phantom, CH9262 – Slide down

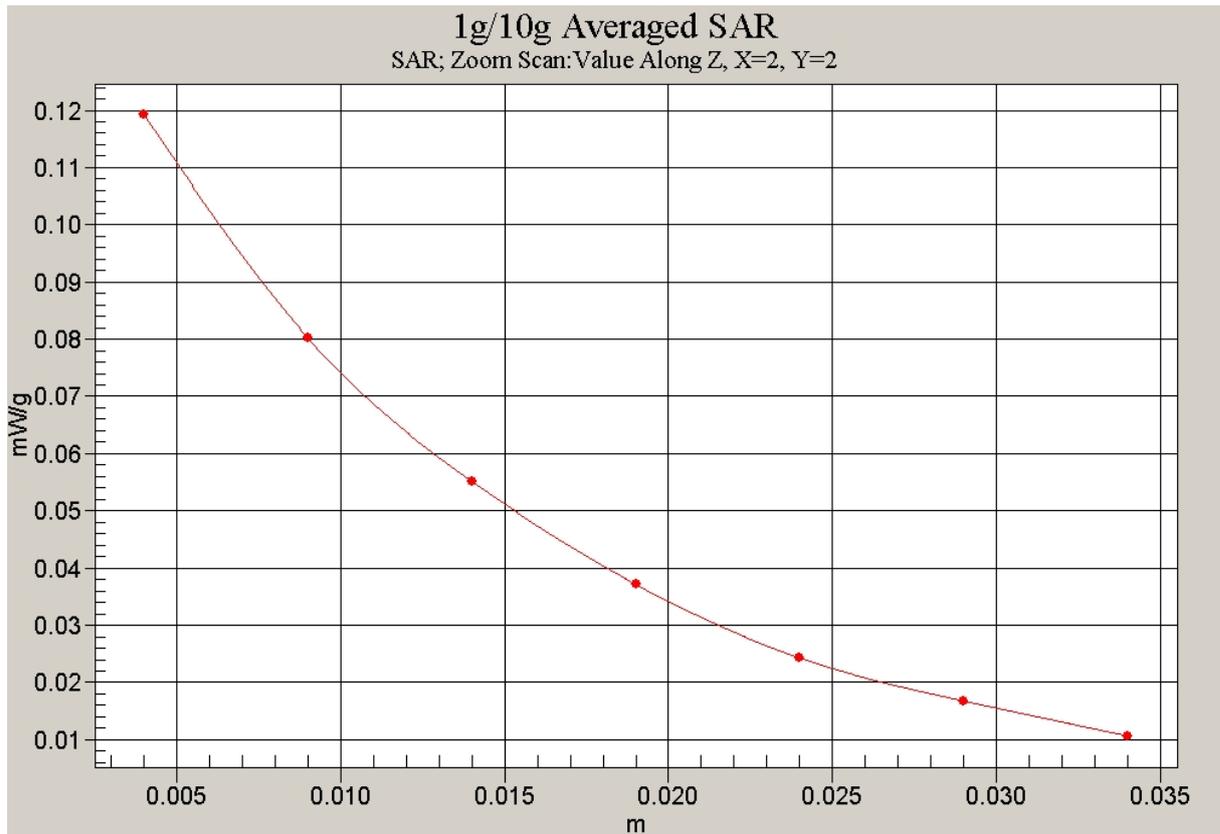


Fig.86 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Ground, CH9262)
– Slide down

WCDMA 1900 Body Toward Ground Middle with Headset – Slide down

Date/Time: 2009-3-5 12:14:58

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

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

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

Maximum value of SAR (interpolated) = 0.535 mW/g

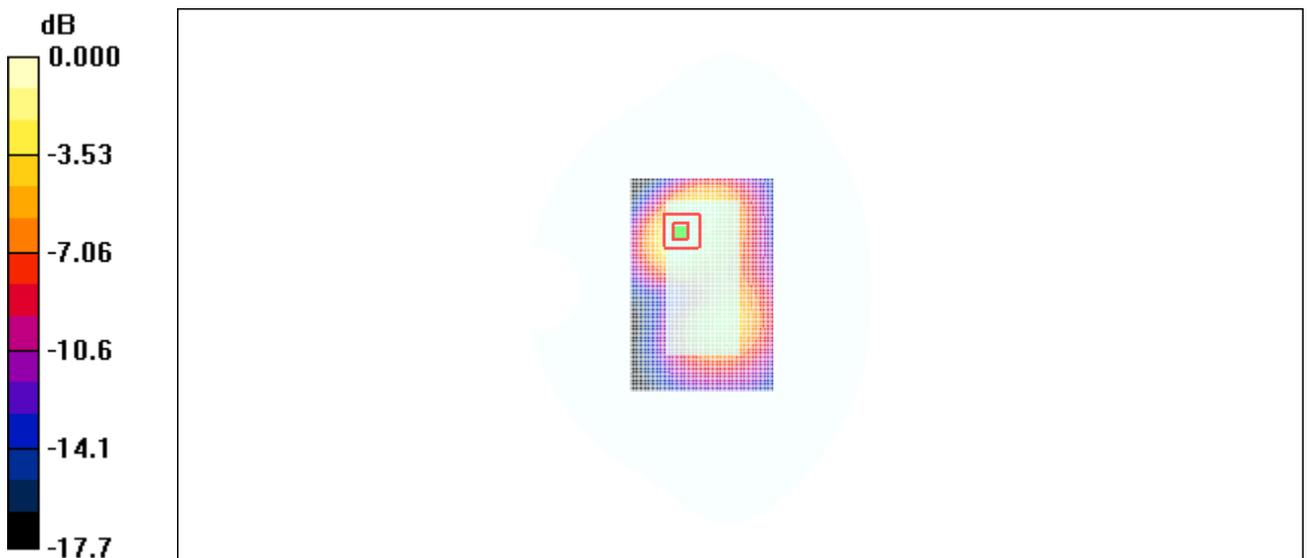
Towards Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.43 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.500 mW/g



0 dB = 0.500mW/g

Fig. 87 WCDMA 1900MHz, Body, Towards Ground, CH9400 – Slide down

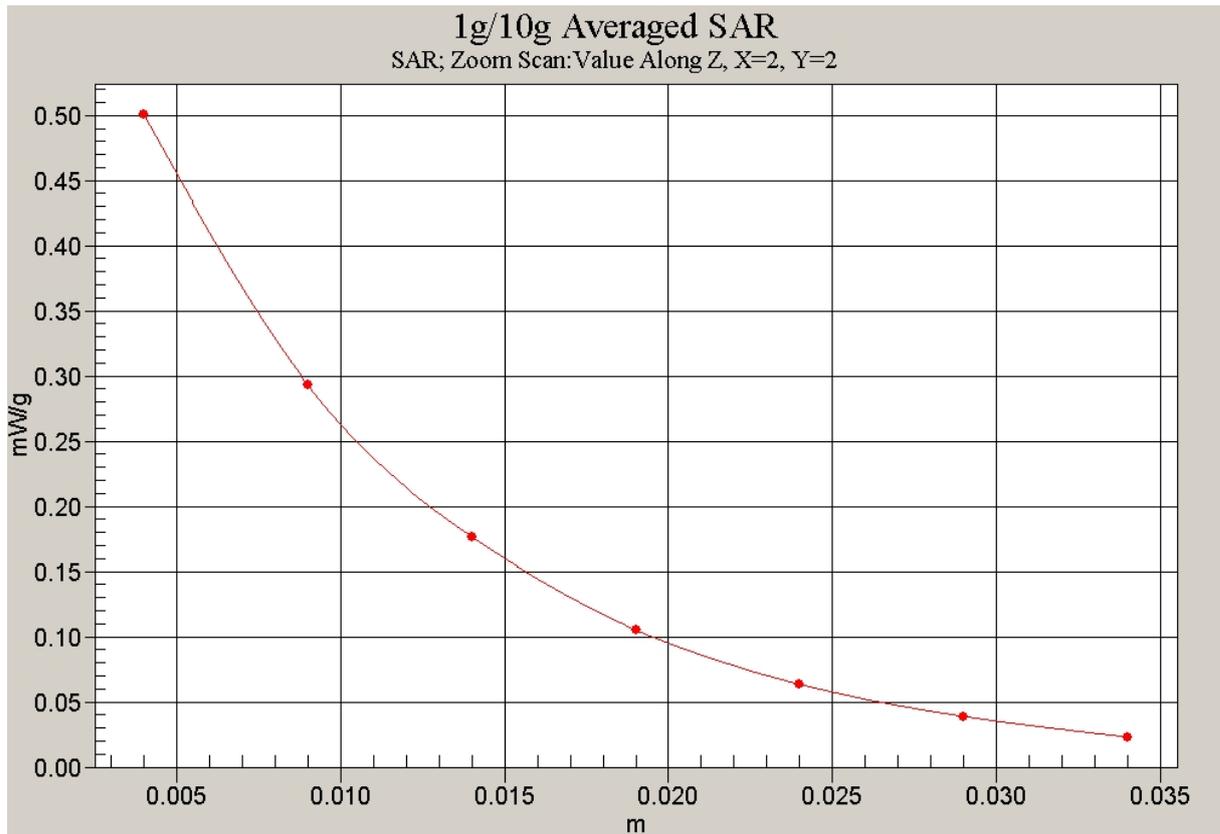


Fig. 88 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Ground, CH9400)
– Slide down

WCDMA 1900 Body Toward Ground High – Slide up

Date/Time: 2009-3-5 12:29:15

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

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

Towards Ground High/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.315 mW/g

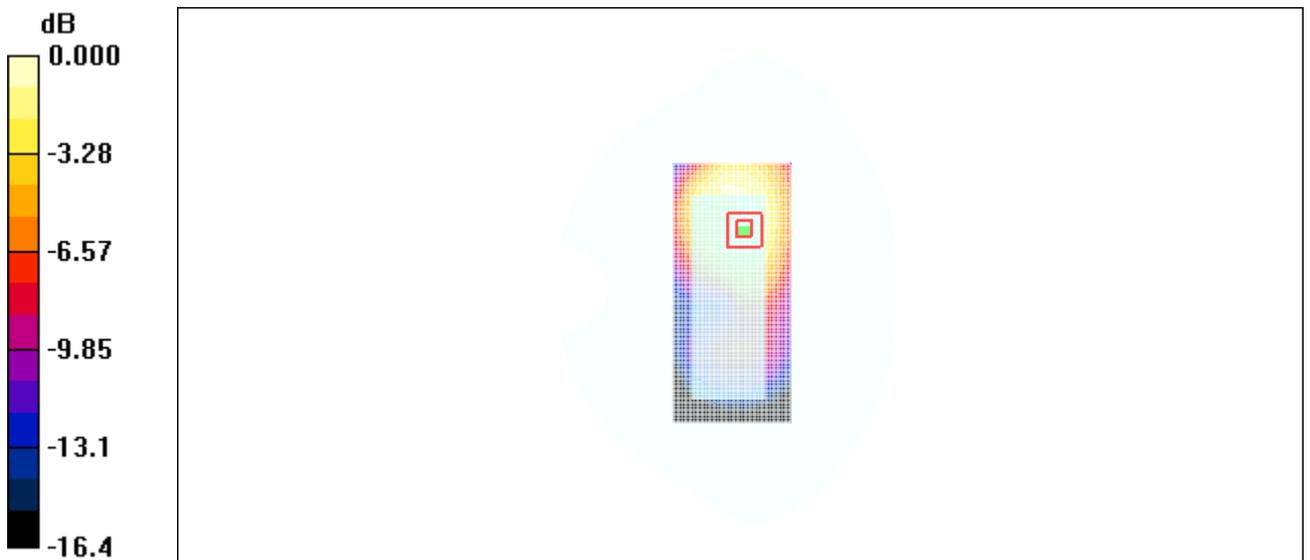
Towards Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.54 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.476 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.321mW/g

Fig. 89 WCDMA 1900MHz, Body, Towards Ground, CH9538 – Slide up

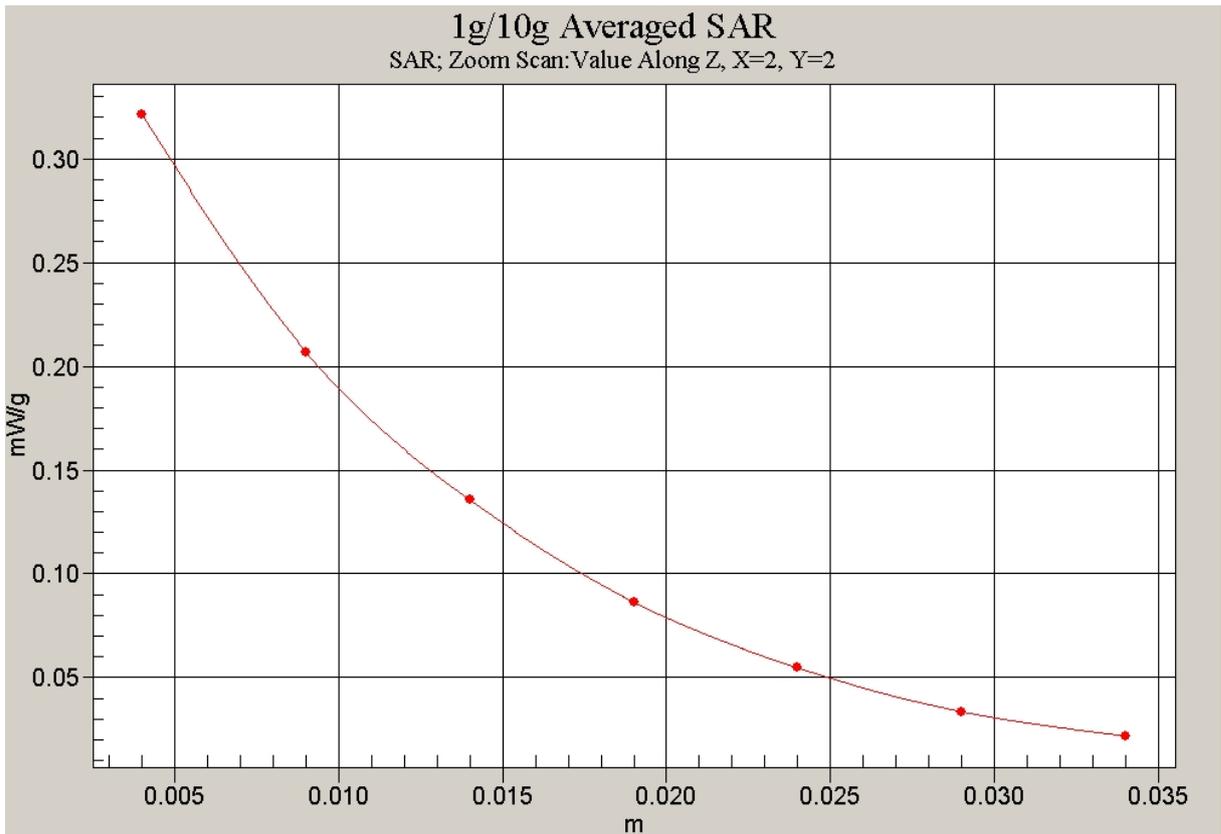


Fig. 90 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9538)

- Slide up

WCDMA 1900 Body Toward Ground Middle – Slide up

Date/Time: 2009-3-5 12:43:20

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

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

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

Maximum value of SAR (interpolated) = 0.351 mW/g

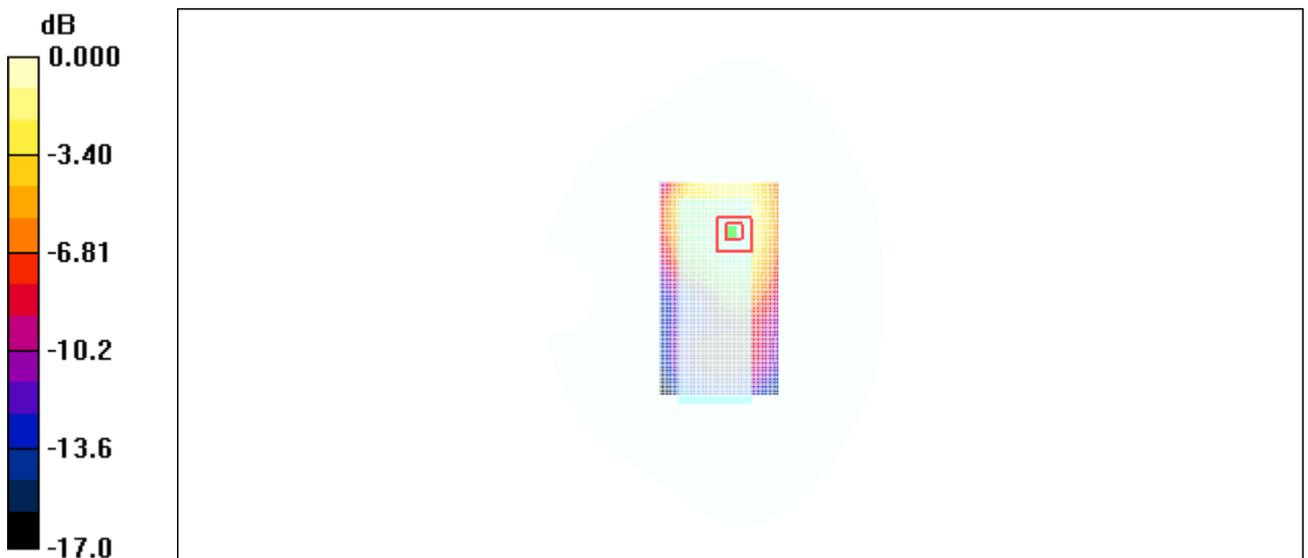
Towards Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=2mm, dz=5mm

Reference Value = 7.59 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350mW/g

Fig. 91 WCDMA 1900MHz, Body, Towards Ground, CH9400 – Slide up

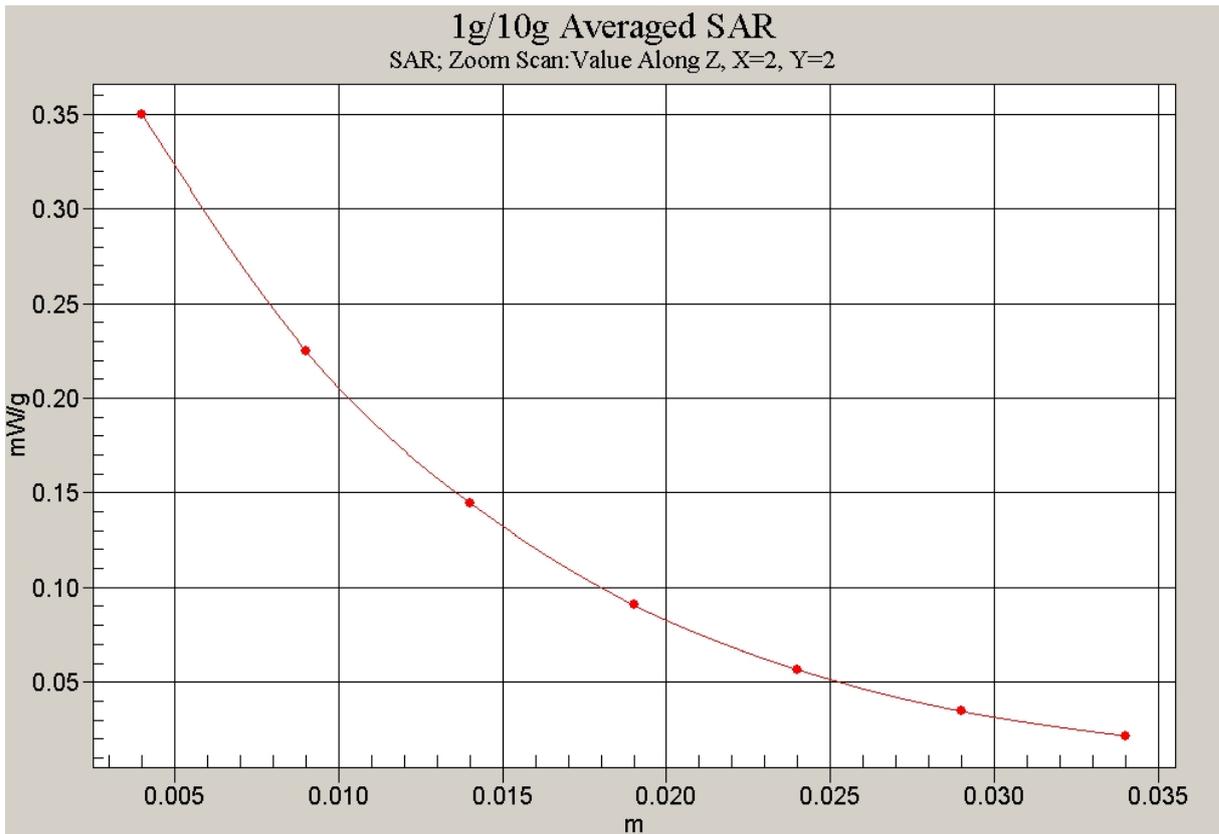


Fig. 92 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9400)

- Slide up

WCDMA 1900 Body Toward Ground Low – Slide up

Date/Time: 2009-3-5 12:57:25

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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)

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

Maximum value of SAR (interpolated) = 0.372 mW/g

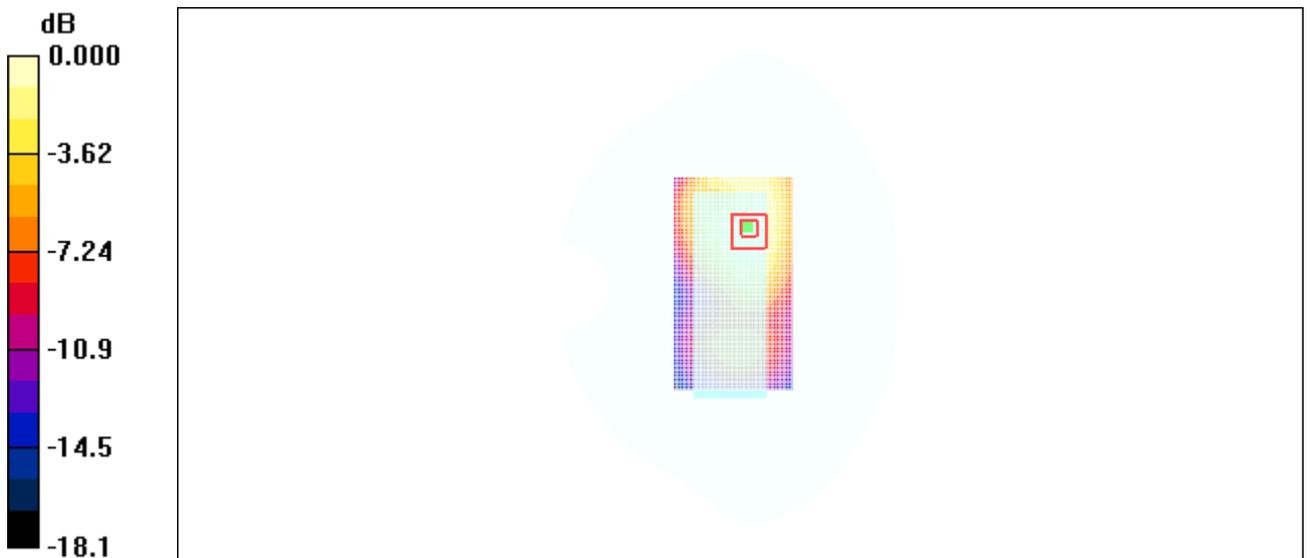
Towards Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.28 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.367 mW/g



0 dB = 0.367mW/g

Fig. 93 WCDMA 1900MHz, Body, Towards Ground, CH9262 – Slide up

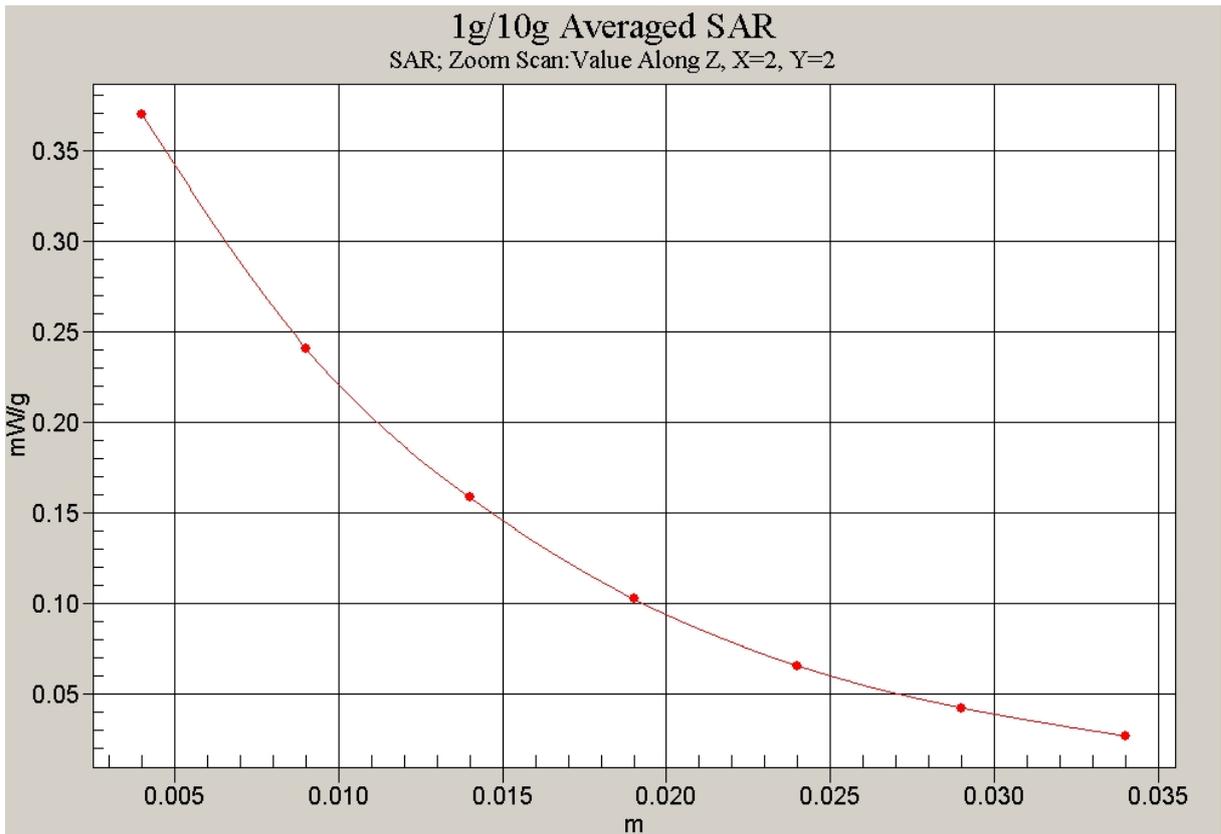


Fig. 94 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9262)

- Slide up

WCDMA 1900 Body Toward Phantom High – Slide up

Date/Time: 2009-3-5 13:11:42

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

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

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

Maximum value of SAR (interpolated) = 0.179 mW/g

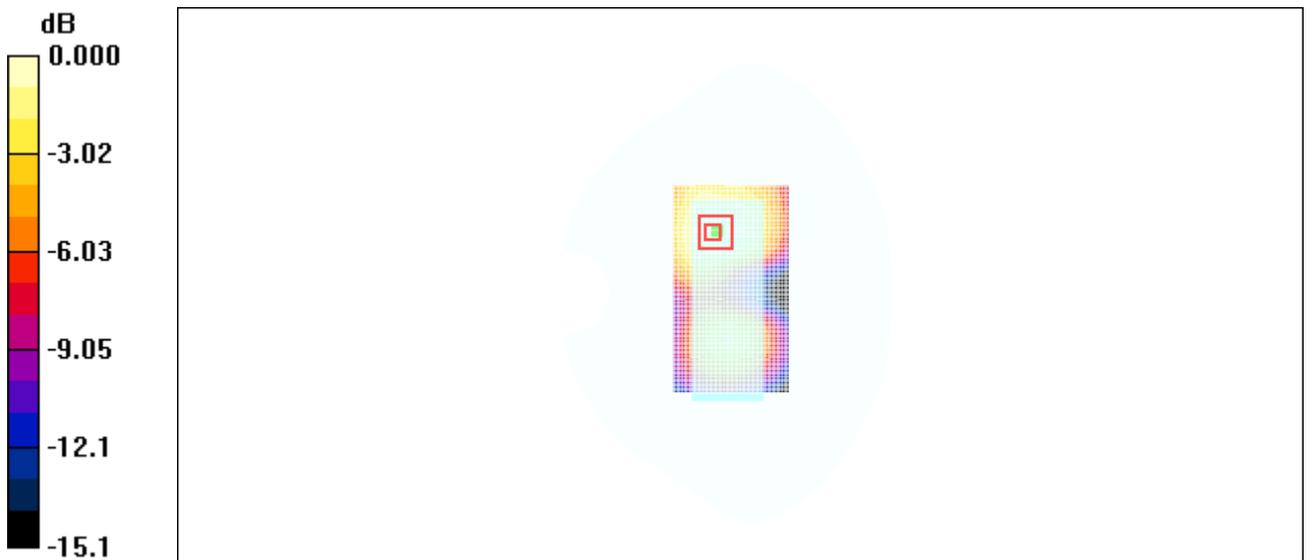
Towards Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.97 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.177 mW/g



0 dB = 0.177mW/g

Fig. 95 WCDMA 1900MHz, Body, Towards Phantom, CH9538 – Slide up

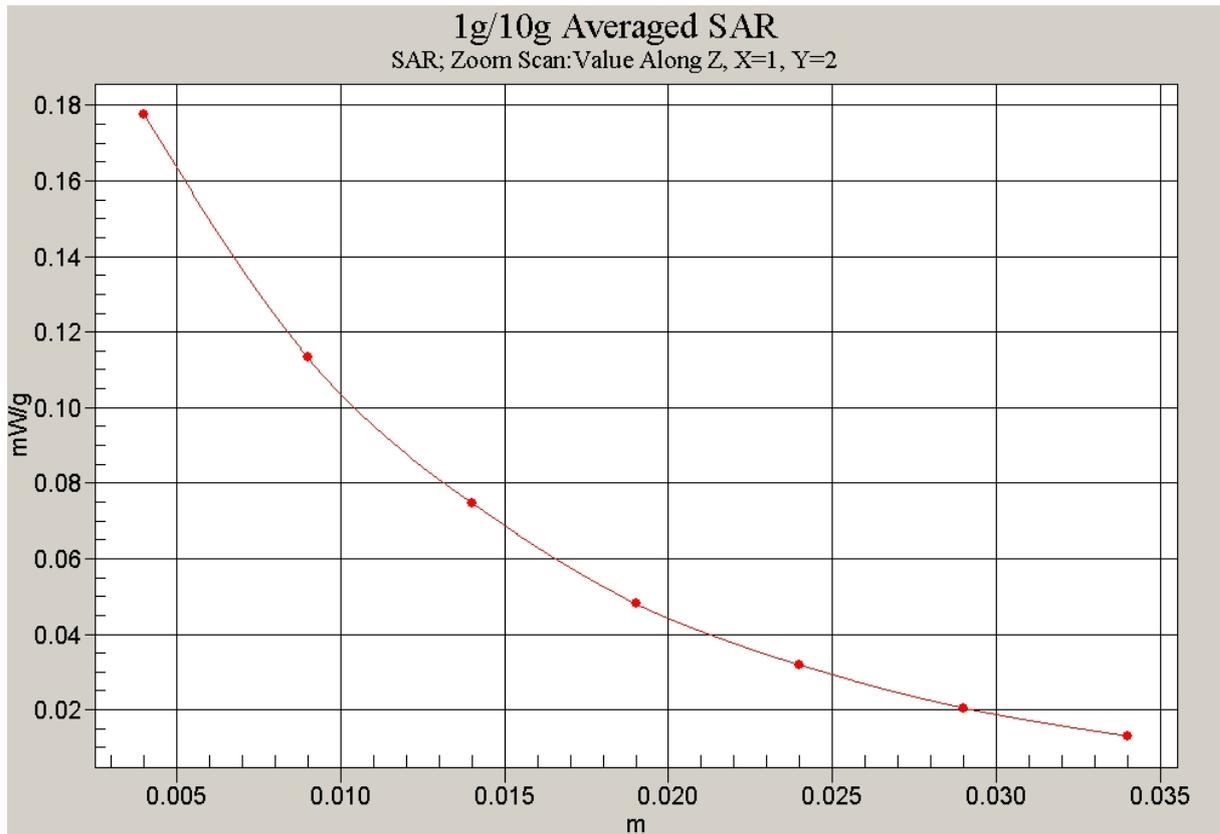


Fig.96 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Phantom,CH9538)

- Slide up

WCDMA 1900 Body Toward Phantom Middle – Slide up

Date/Time: 2009-3-5 13:25:02

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

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

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

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

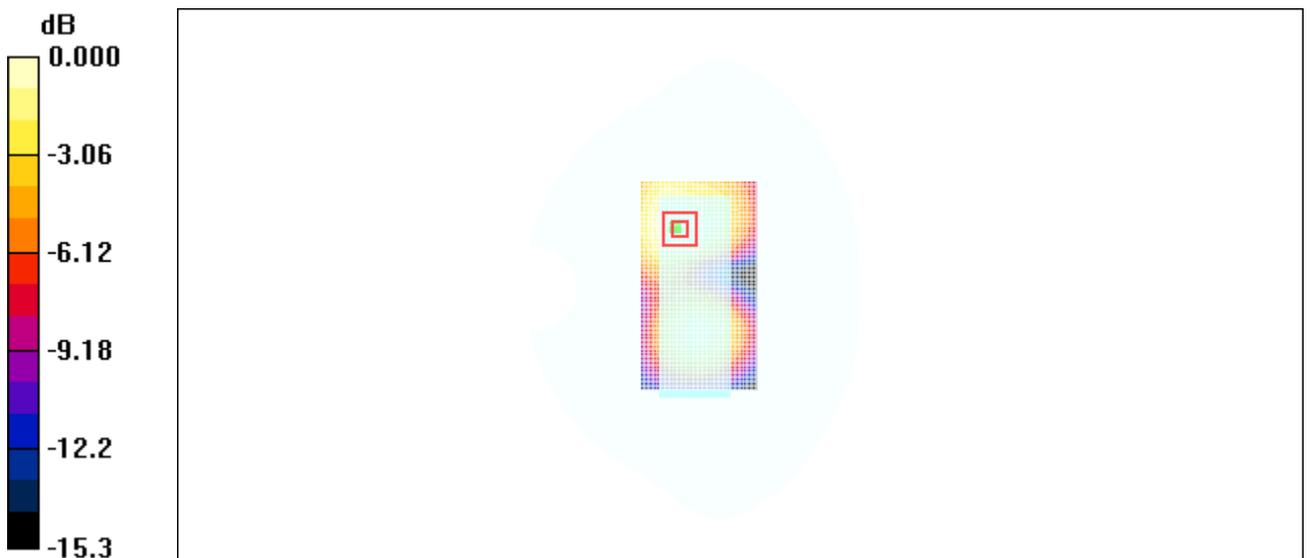
Towards Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.40 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.116 mW/g

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



0 dB = 0.197mW/g

Fig. 97 WCDMA 1900MHz, Body, Towards Phantom, CH9400 – Slide up

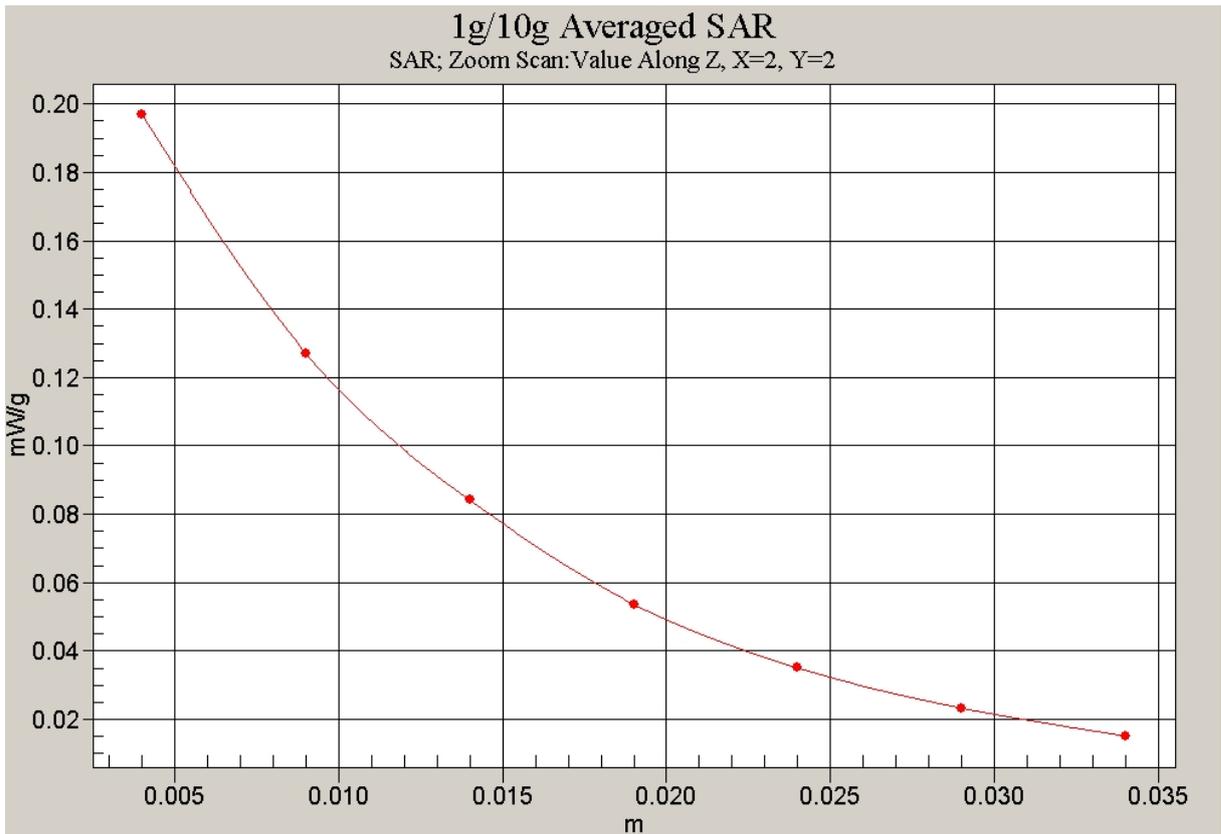


Fig. 98 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Phantom, CH9400) – Slide up

WCDMA 1900 Body Toward Phantom Low – Slide up

Date/Time: 2009-3-5 13:39:14

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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)

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

Maximum value of SAR (interpolated) = 0.215 mW/g

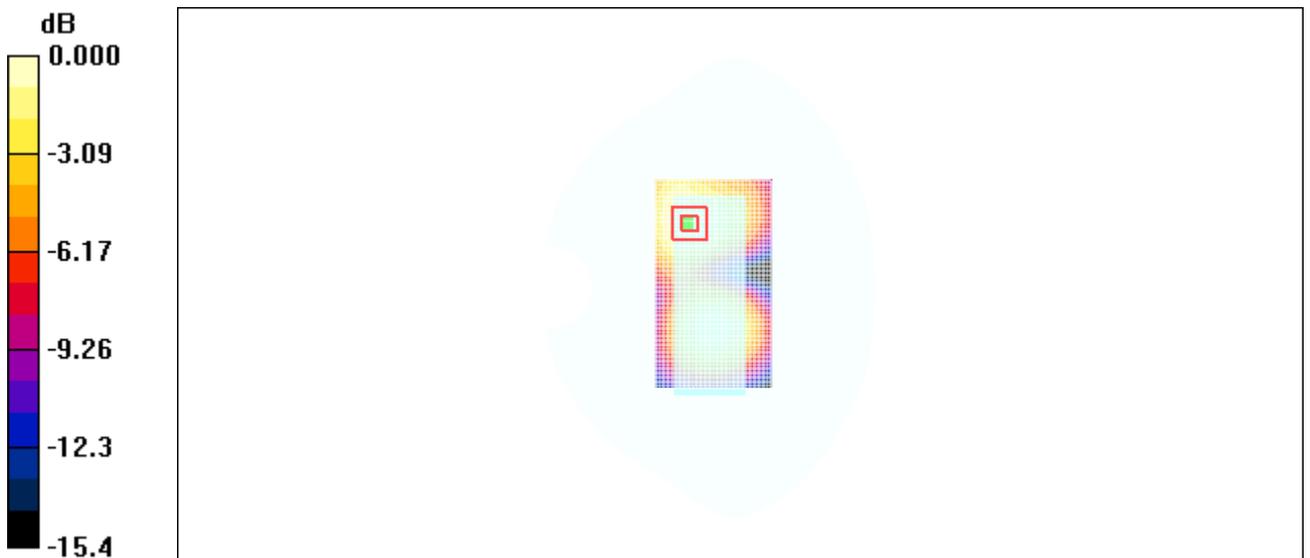
Towards Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.47 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.214 mW/g



0 dB = 0.214mW/g

Fig. 99 WCDMA 1900MHz, Body, Towards Phantom, CH9262 – Slide up

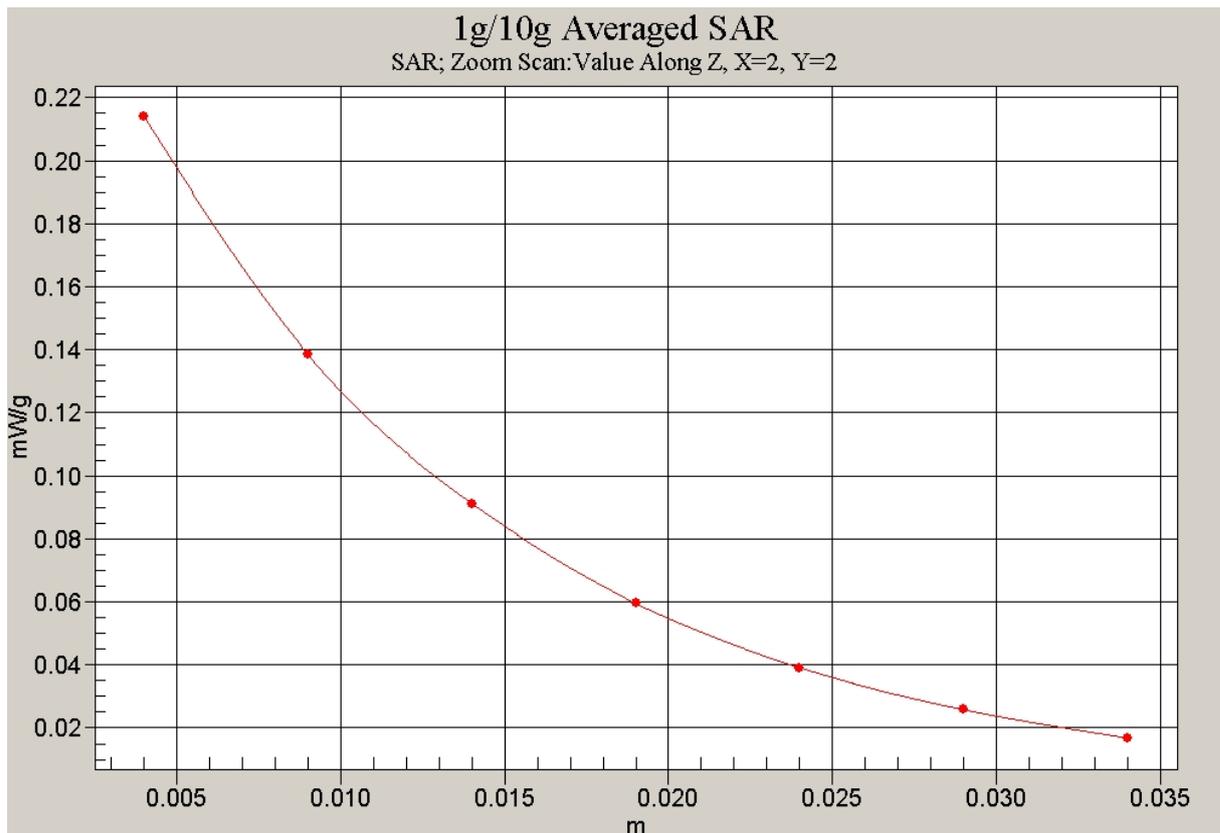


Fig.100 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Ground, CH9262) – Slide up

850 Left Cheek High – Slide down

Date/Time: 2009-3-4 14:05:13

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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(6.56, 6.56, 6.56)

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

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

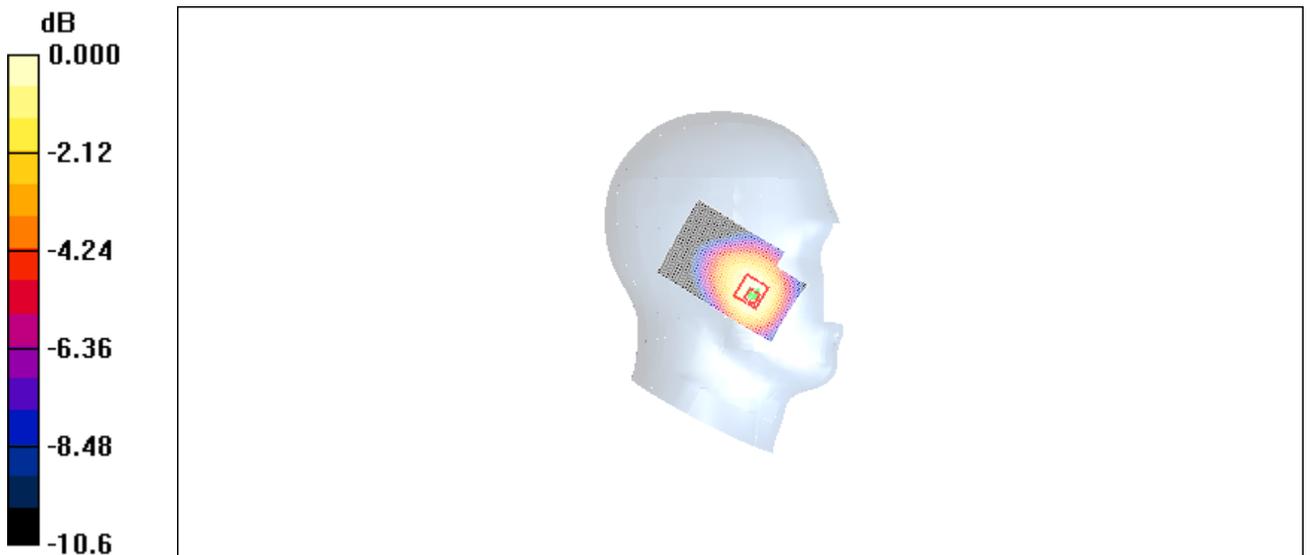
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.94 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.118 mW/g

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



0 dB = 0.175mW/g

Fig. 101 850MHz CH251 – Slide down

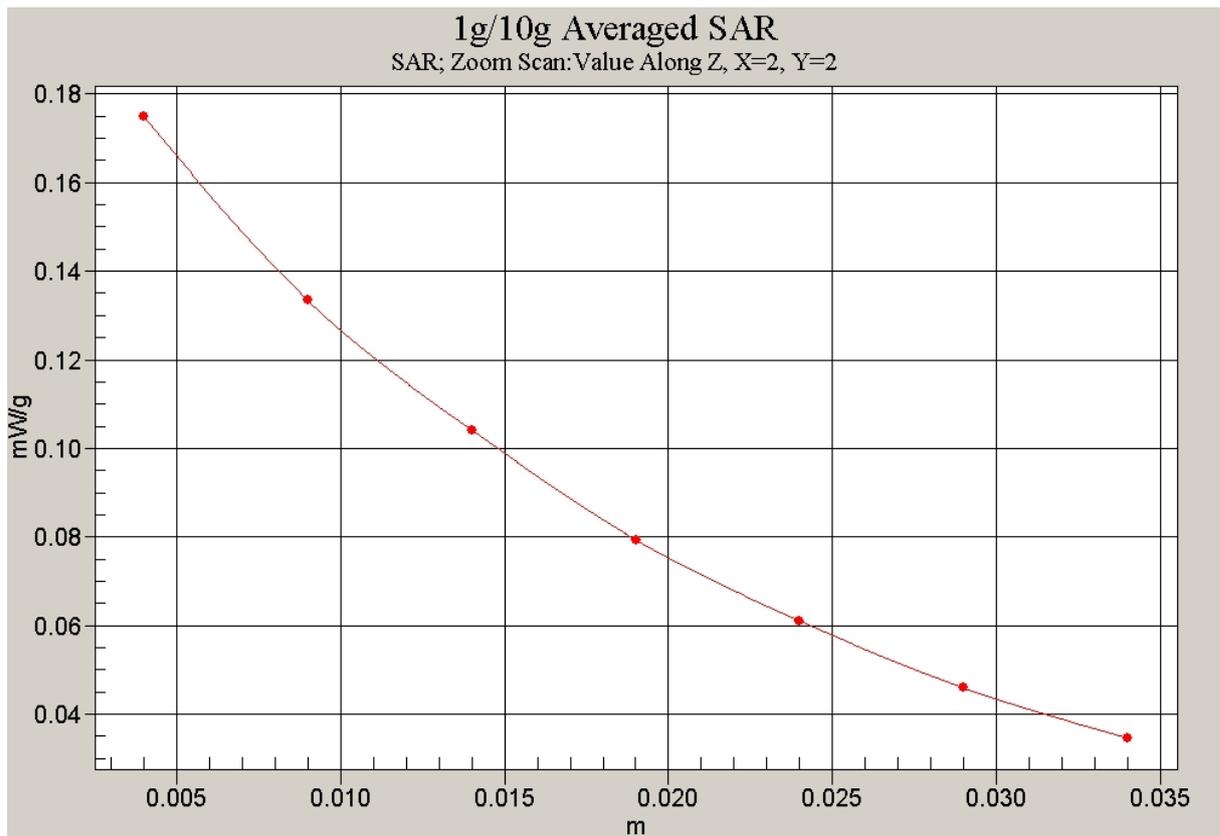


Fig. 102 Z-Scan at power reference point (850 MHz CH251) – Slide down

850 Left Cheek Middle – Slide down

Date/Time: 2009-3-4 14:19:10

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

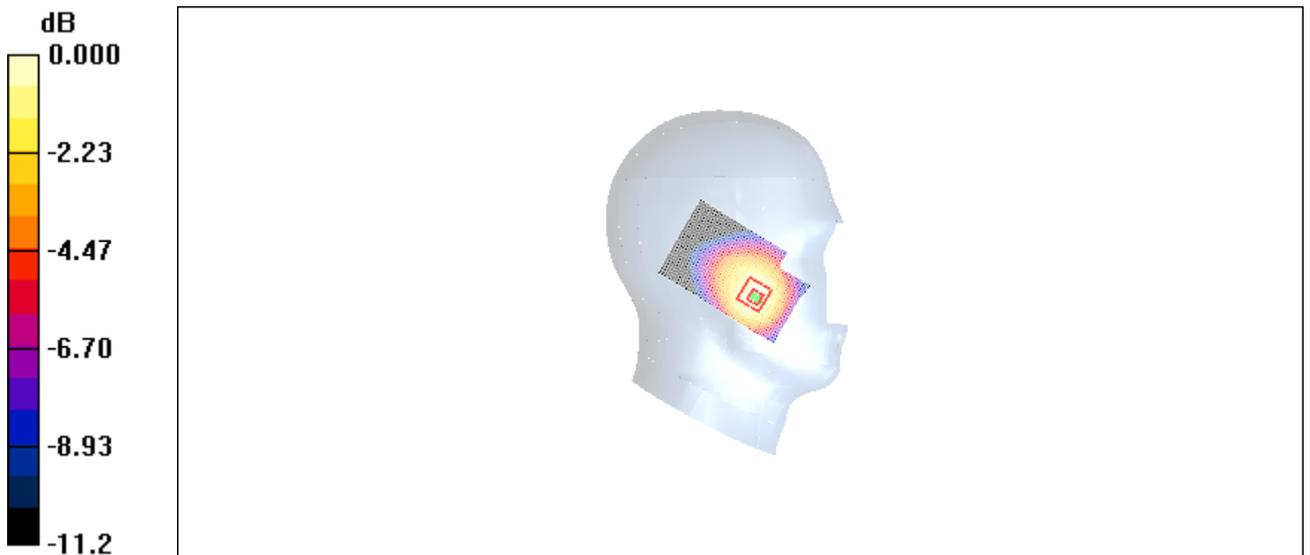
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.84 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.222mW/g

Fig. 103 850 MHz CH190 – Slide down

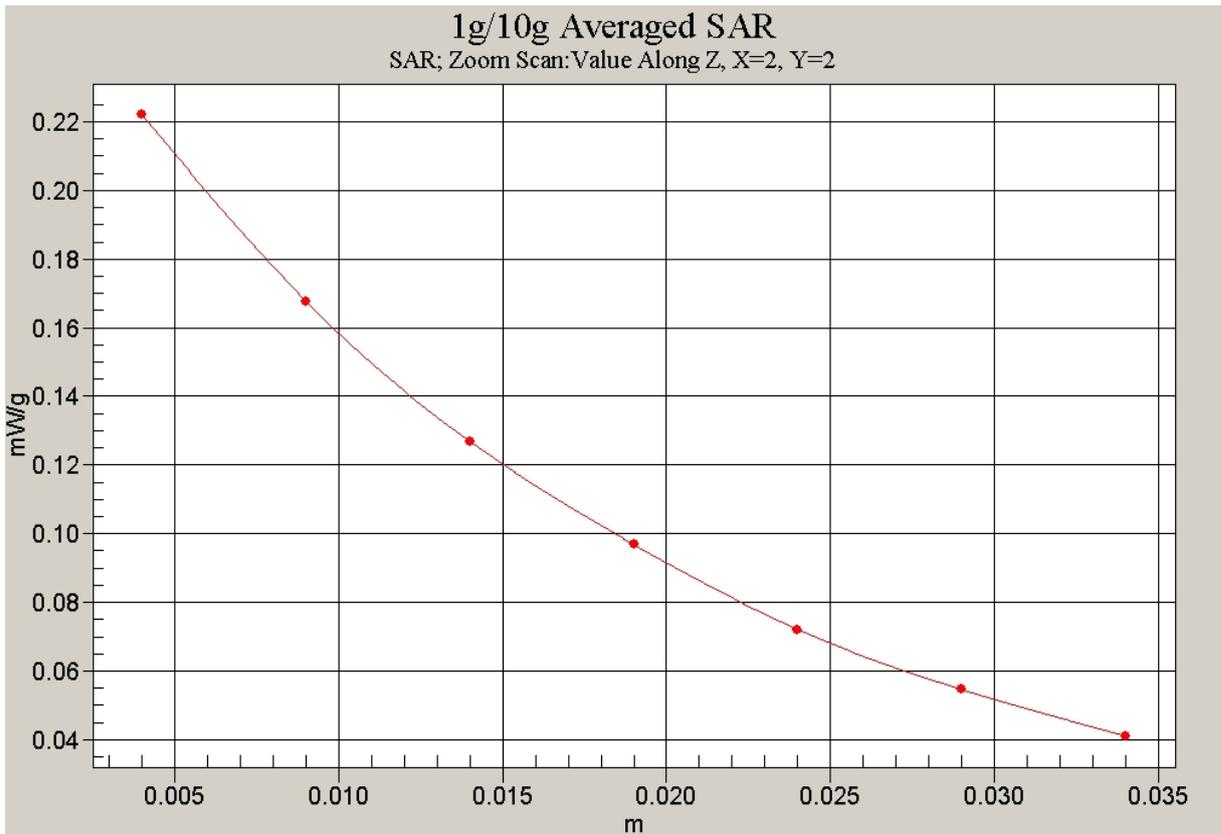


Fig. 104 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Left Cheek Low – Slide down

Date/Time: 2009-3-4 14:33:25

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid 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 (51x81x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.234 mW/g

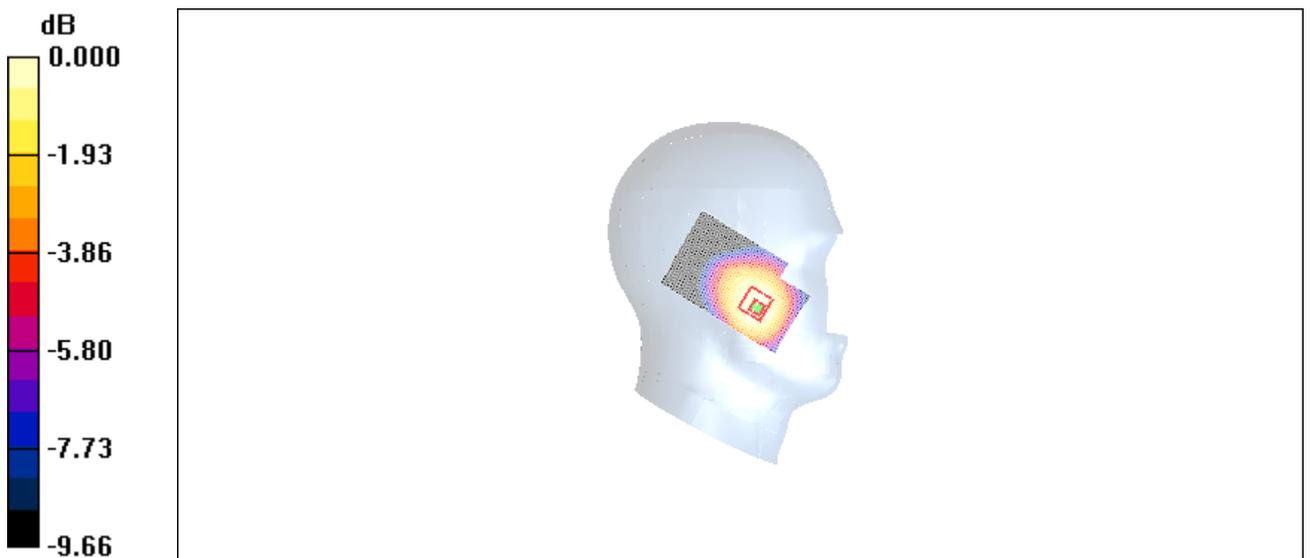
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.04 V/m ; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.218 mW/g ; SAR(10 g) = 0.163 mW/g

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



0 dB = 0.229mW/g

Fig. 105 850 MHz CH128 – Slide down

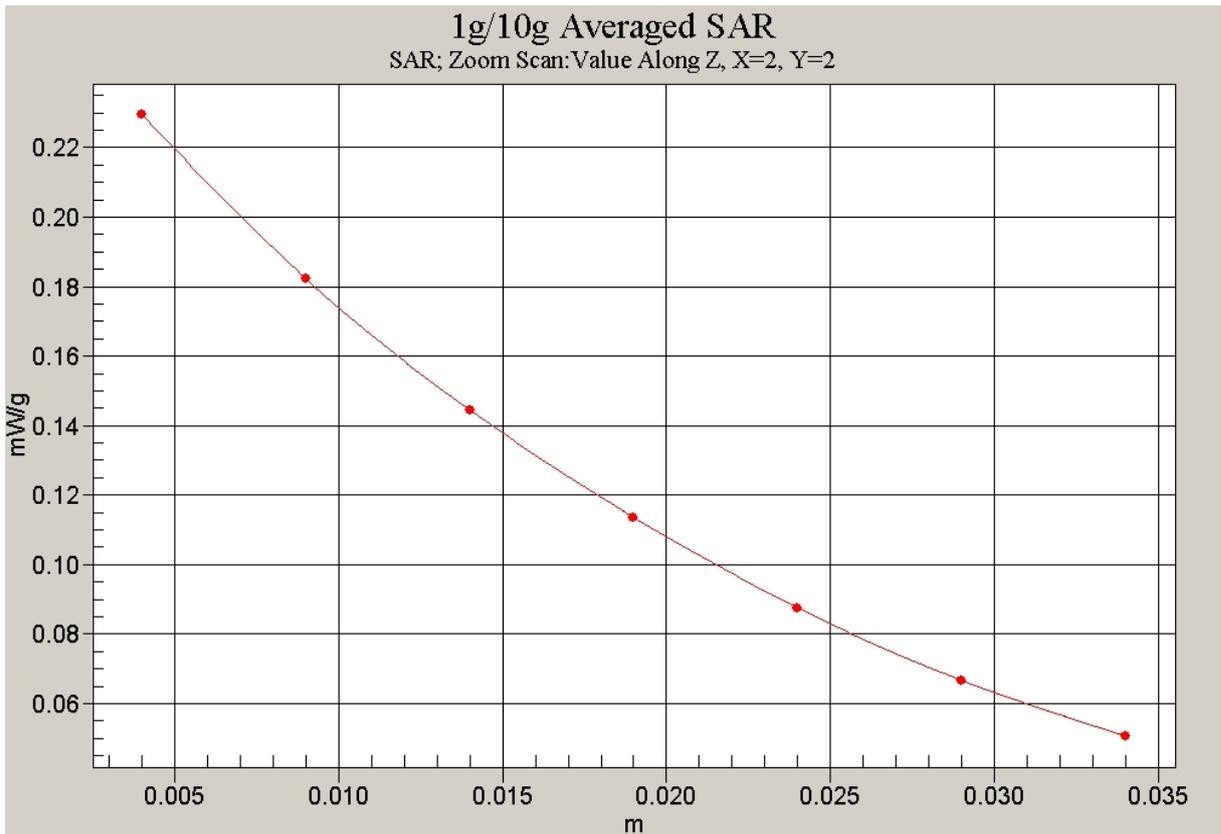


Fig.106 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Left Tilt Middle – Slide down

Date/Time: 2009-3-4 14:47:36

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

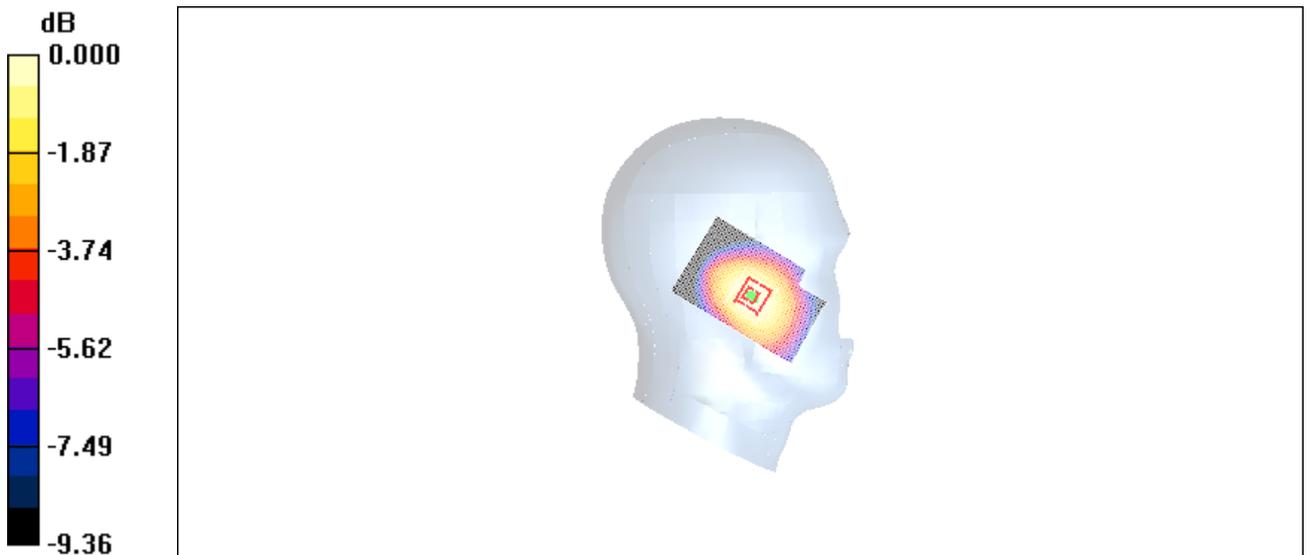
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.66 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.153 mW/g



0 dB = 0.153mW/g

Fig. 107 850 MHz CH190 – Slide down

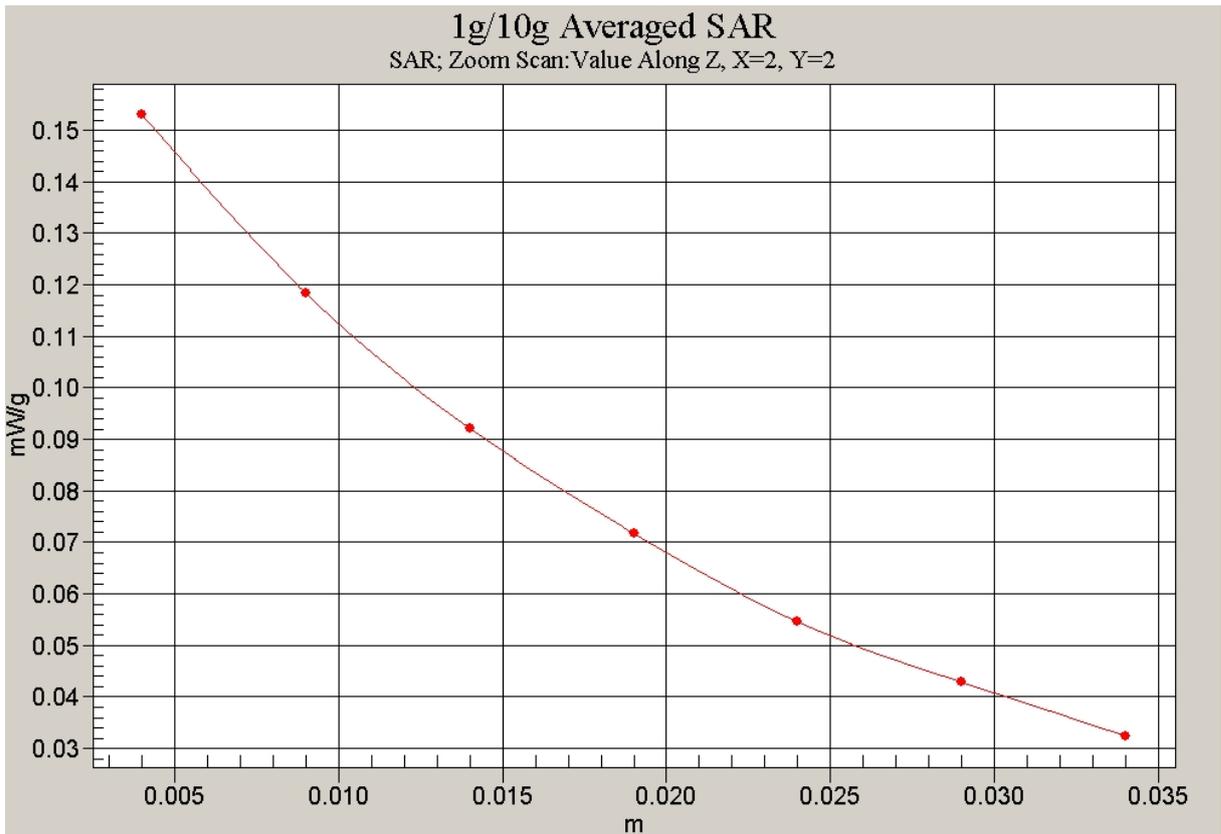


Fig. 108 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Right Cheek Middle – Slide down

Date/Time: 2009-3-4 15:01:43

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

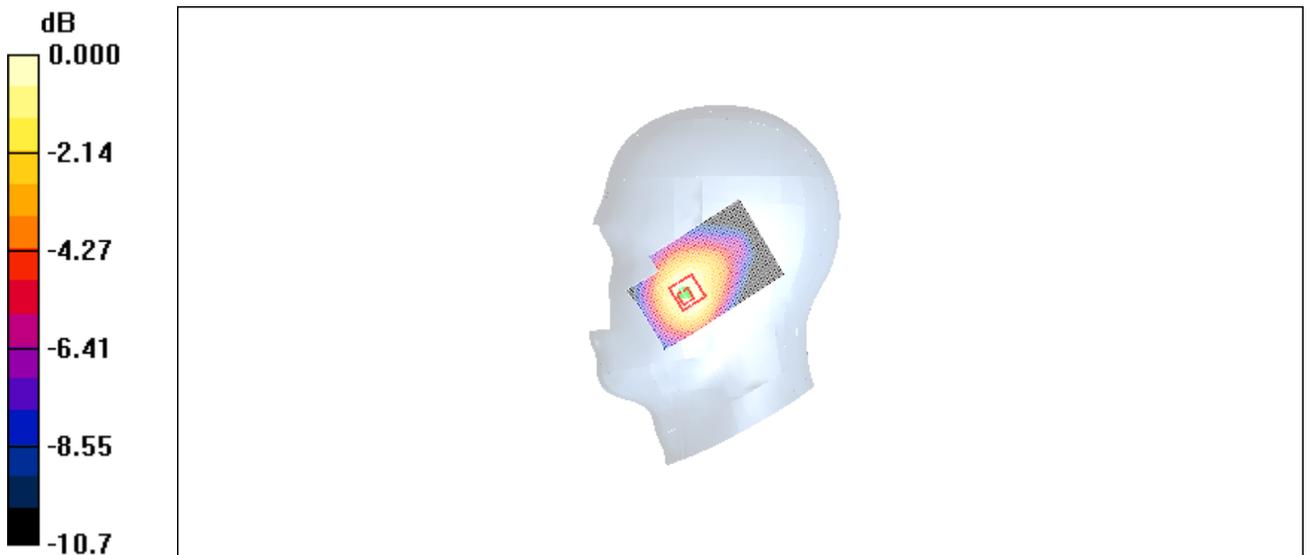
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.71 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.144 mW/g

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



0 dB = 0.216mW/g

Fig. 109 850 MHz CH190 – Slide down

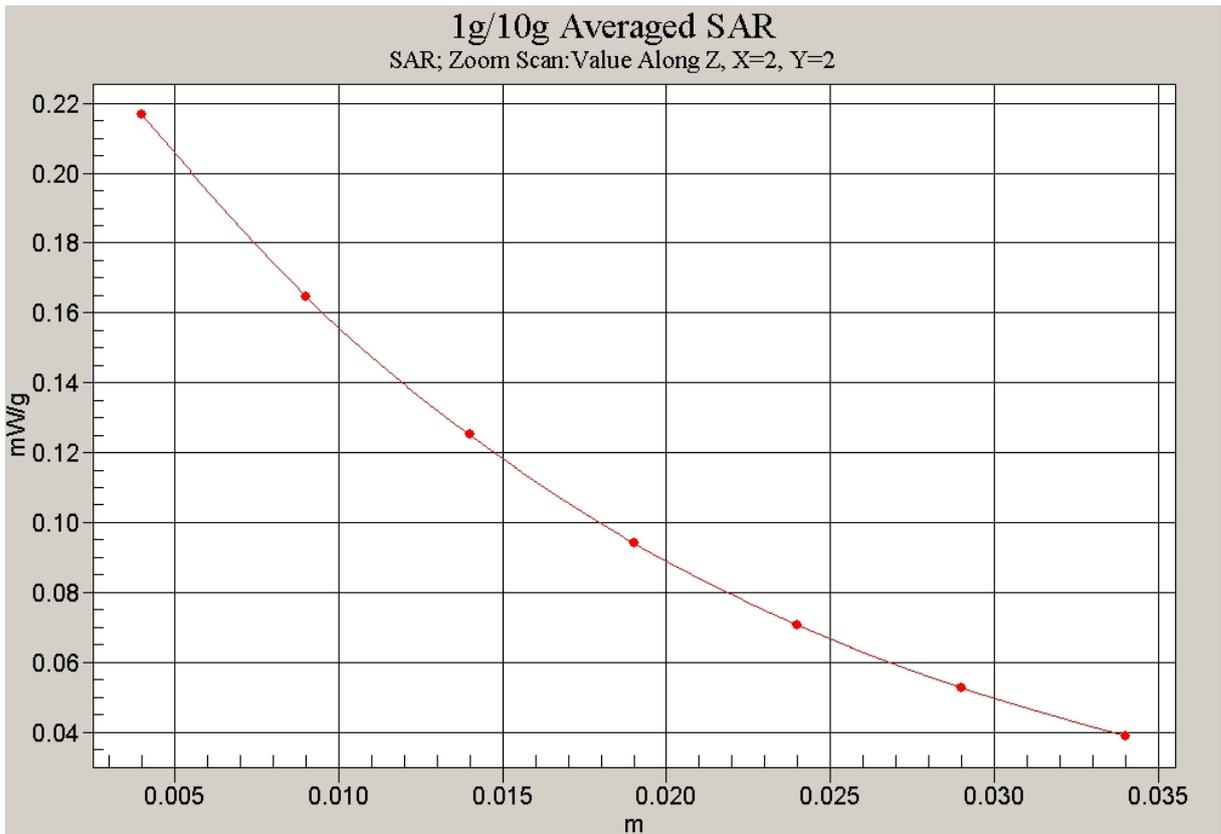


Fig. 110 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Right Tilt Middle – Slide down

Date/Time: 2009-3-4 15:15:57

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.172 mW/g

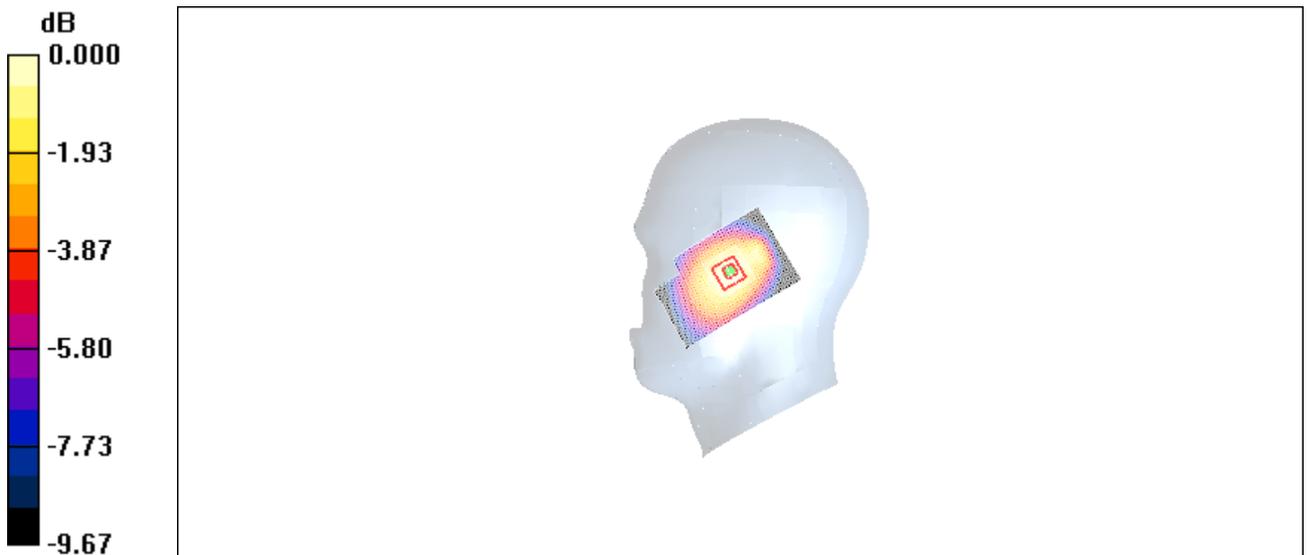
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.118 mW/g

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



0 dB = 0.175mW/g

Fig. 111 850 MHz CH190 – Slide down

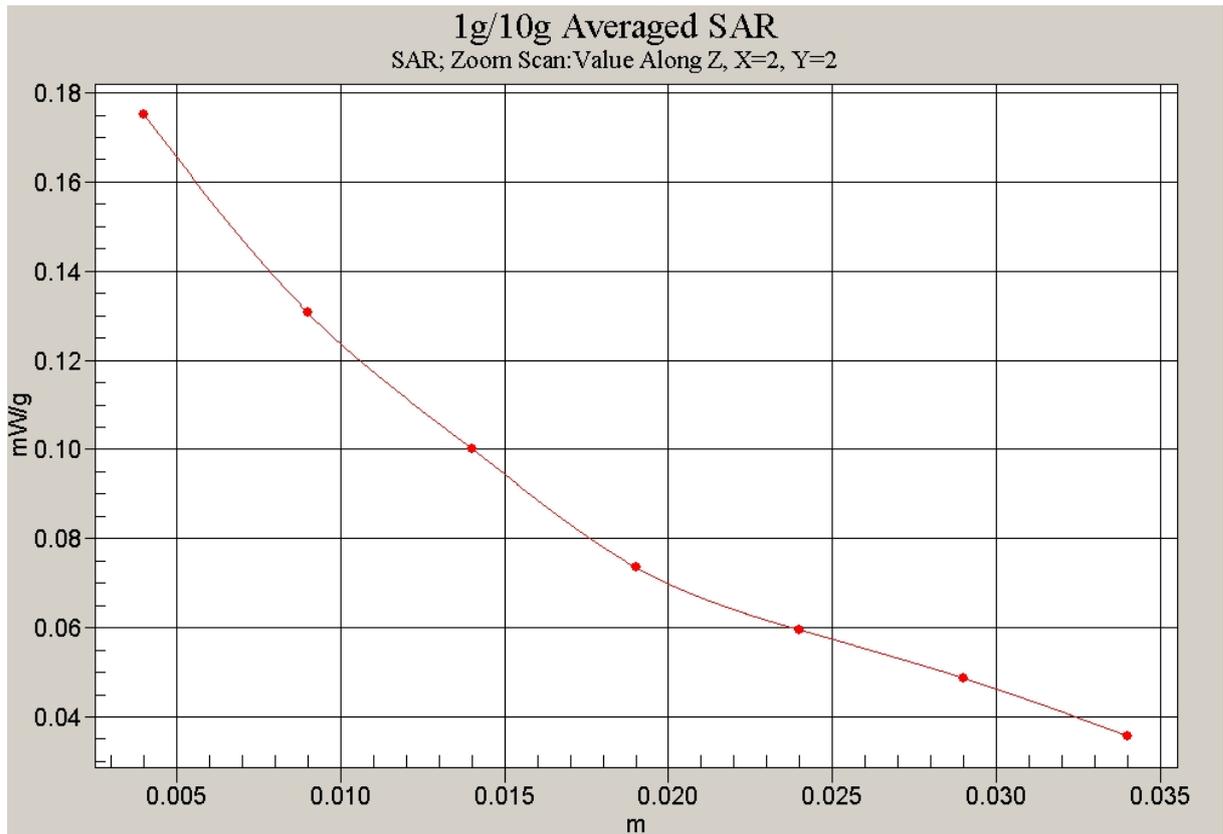


Fig. 112 Z-Scan at power reference point (850 MHz CH190) – Slide down

850 Left Cheek High – Slide up

Date/Time: 2009-3-4 15:29:05

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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(6.56, 6.56, 6.56)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.499 mW/g

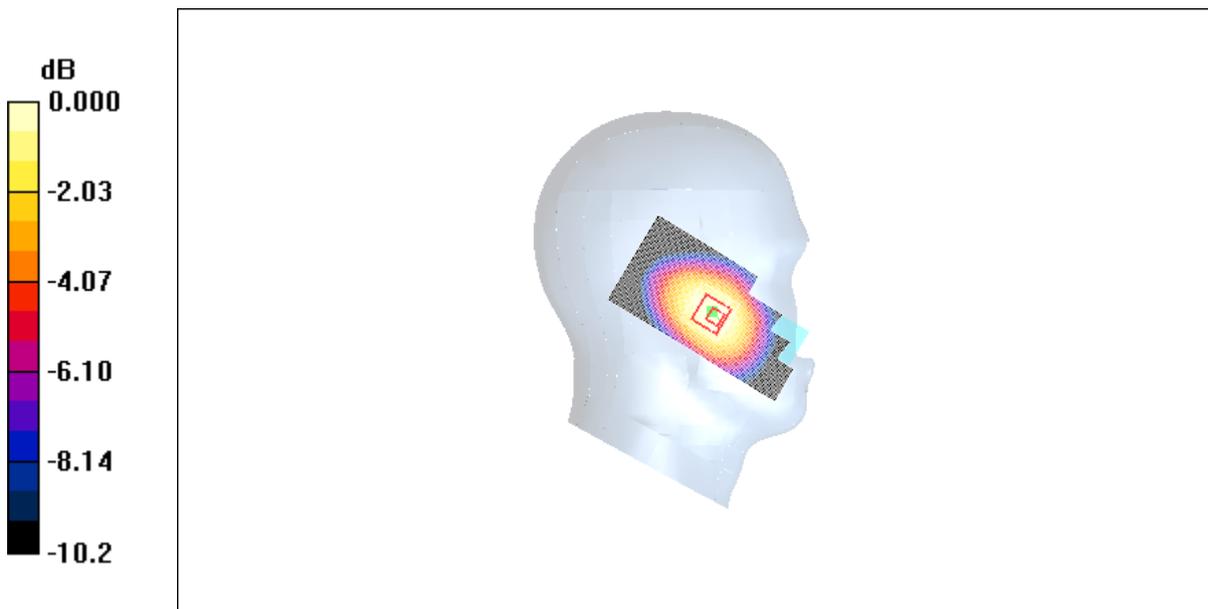
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



0 dB = 0.493mW/g

Fig. 113 850MHz CH251 – Slide up

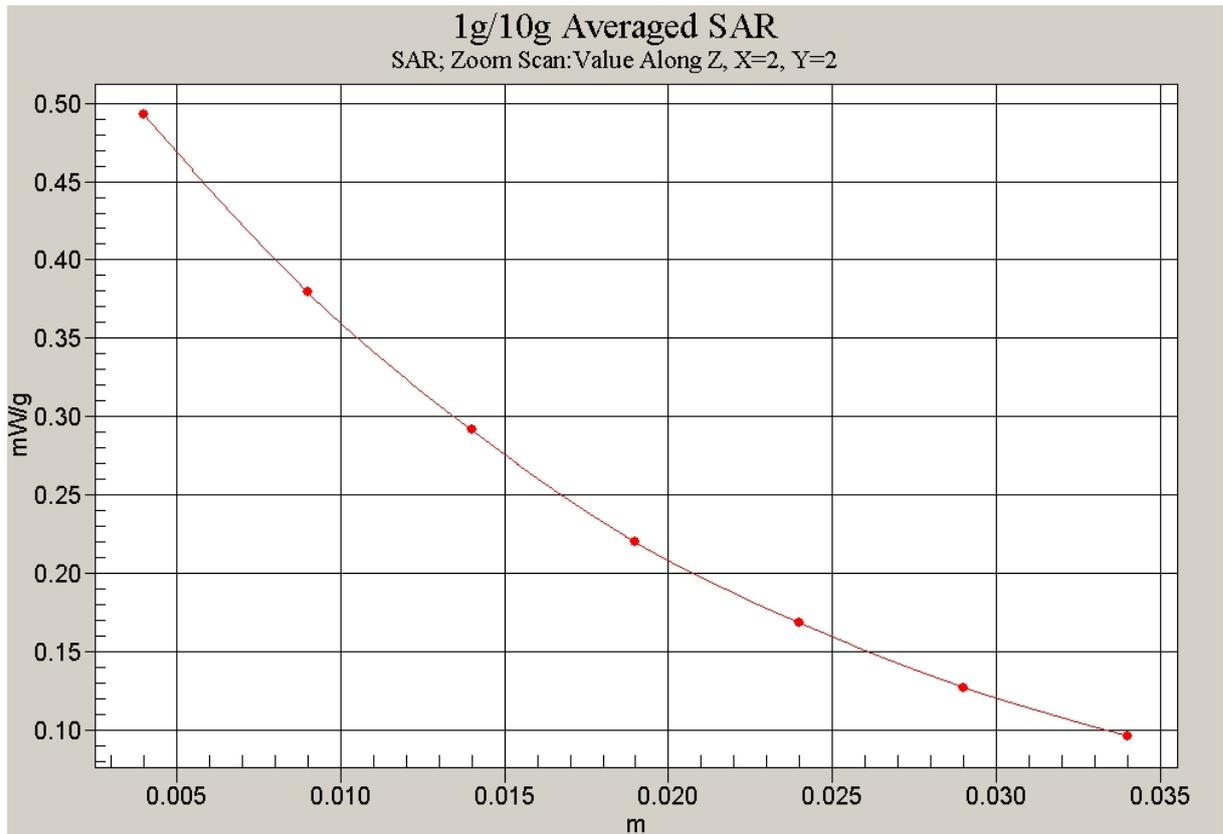


Fig. 114 Z-Scan at power reference point (850 MHz CH251) – Slide up

850 Left Cheek Middle – Slide up

Date/Time: 2009-3-4 15:43:15

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.508 mW/g

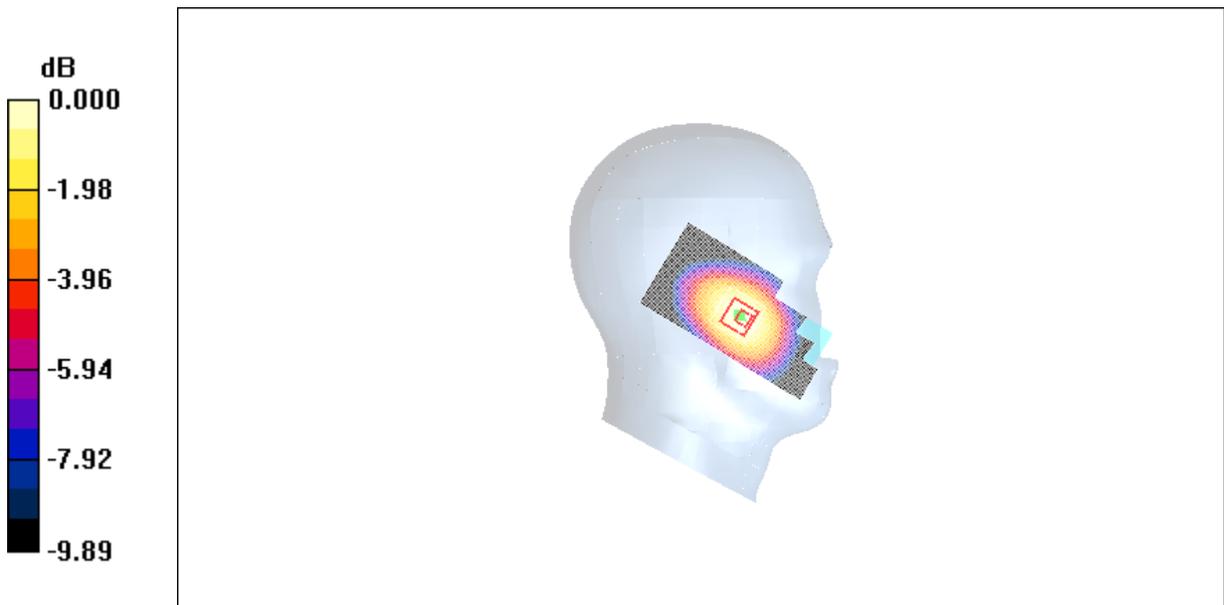
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.510 mW/g



0 dB = 0.510mW/g

Fig. 115 850 MHz CH190 – Slide up

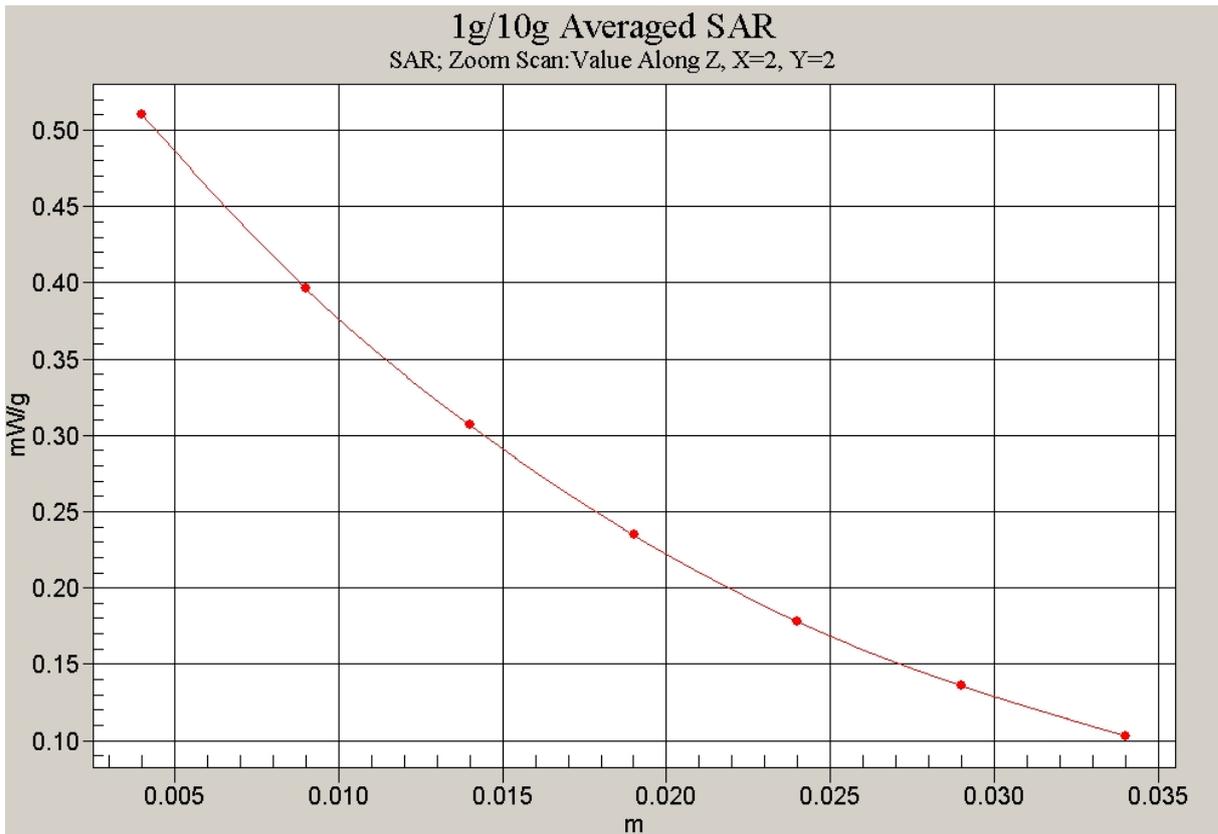


Fig. 116 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Left Cheek Low – Slide up

Date/Time: 2009-3-4 15:57:56

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 40.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid 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 (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.421 mW/g

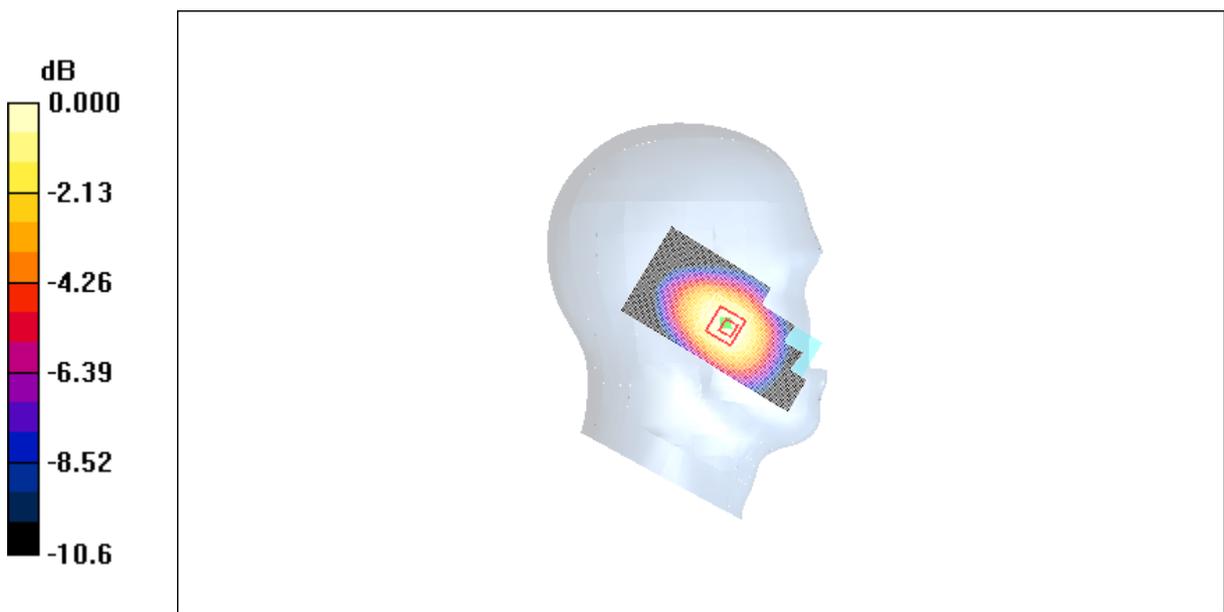
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.35 V/m ; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.398 mW/g ; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.431mW/g

Fig. 117 850 MHz CH128 – Slide up

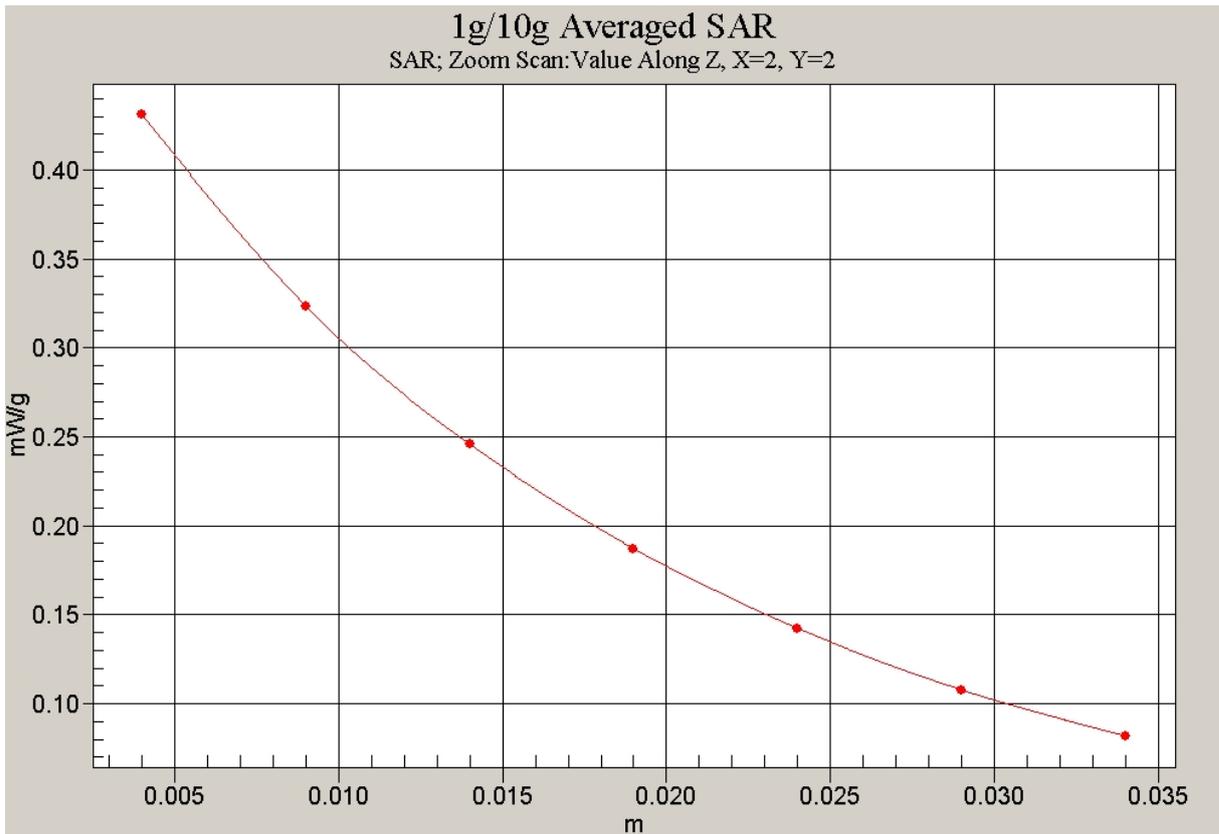


Fig.118 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Left Tilt Middle – Slide up

Date/Time: 2009-3-4 16:11:24

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.303 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 = -0.133 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.300 mW/g

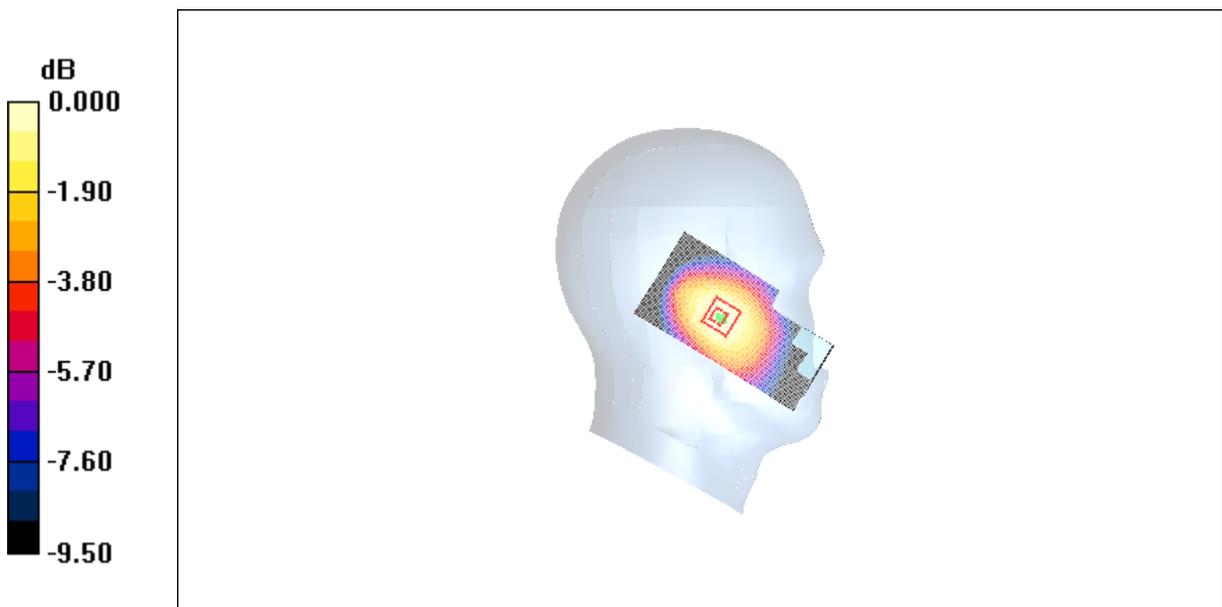


Fig. 119 850 MHz CH190 – Slide up

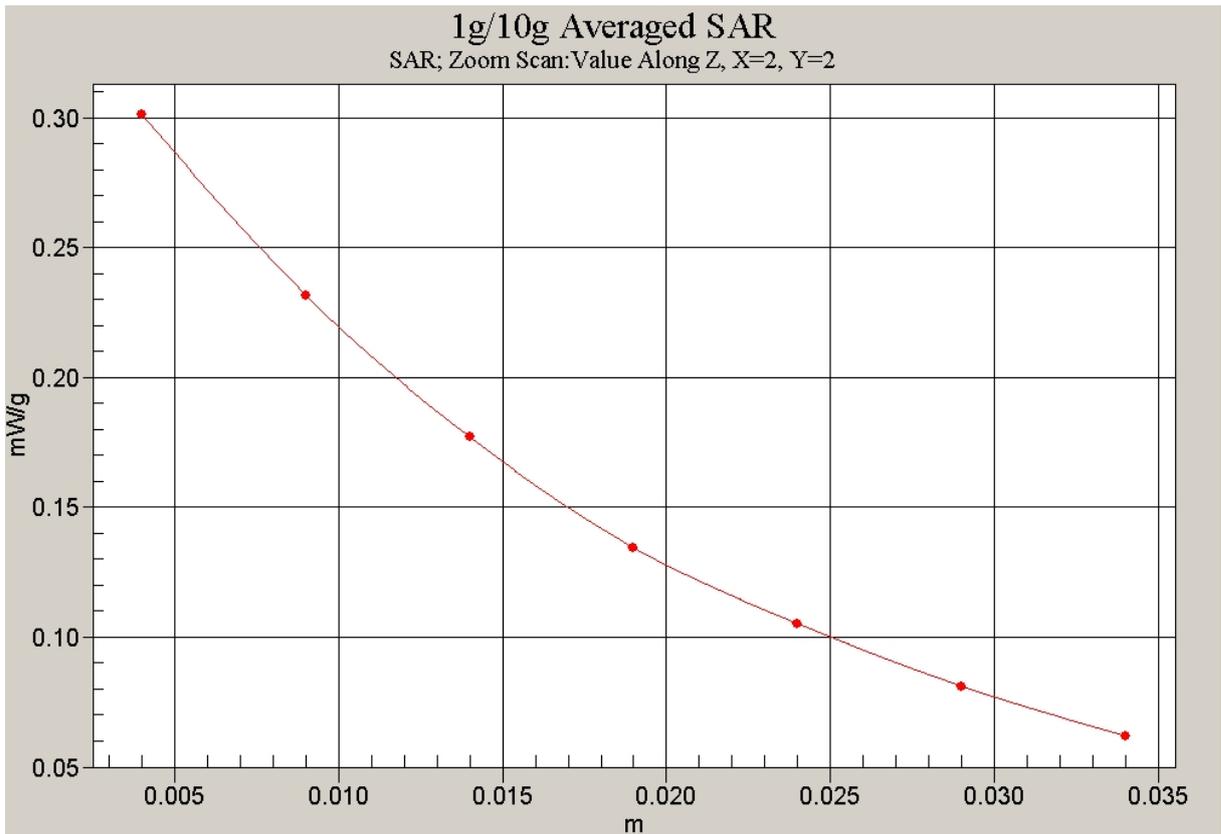


Fig. 120 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Right Cheek Middle – Slide up

Date/Time: 2009-3-4 16:24:59

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.486 mW/g

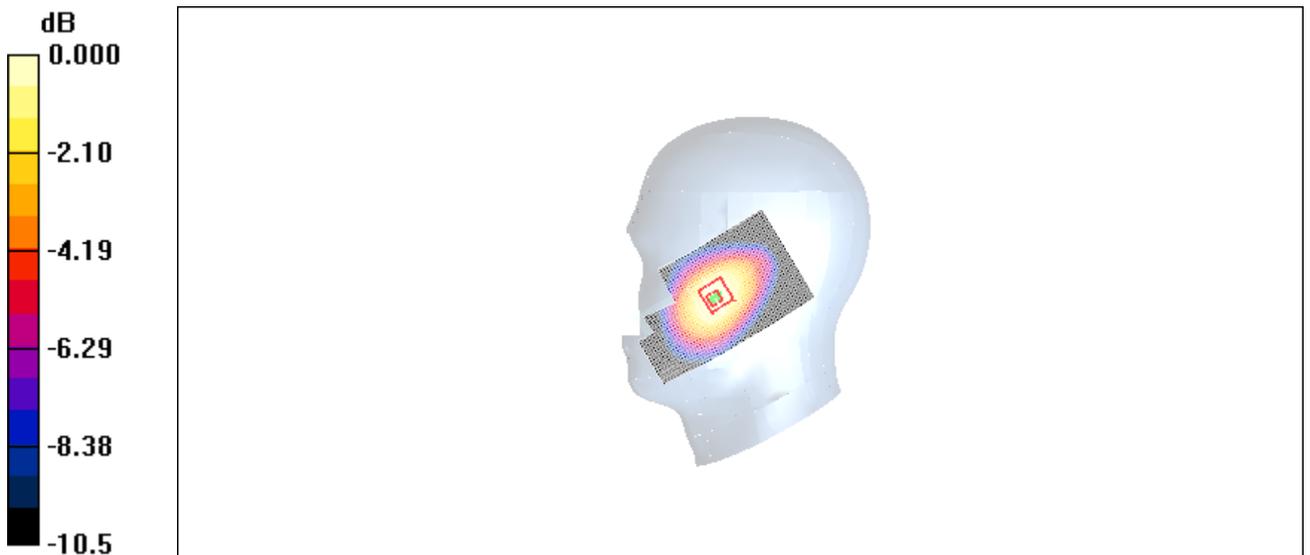
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



0 dB = 0.493mW/g

Fig. 121 850 MHz CH190 – Slide up

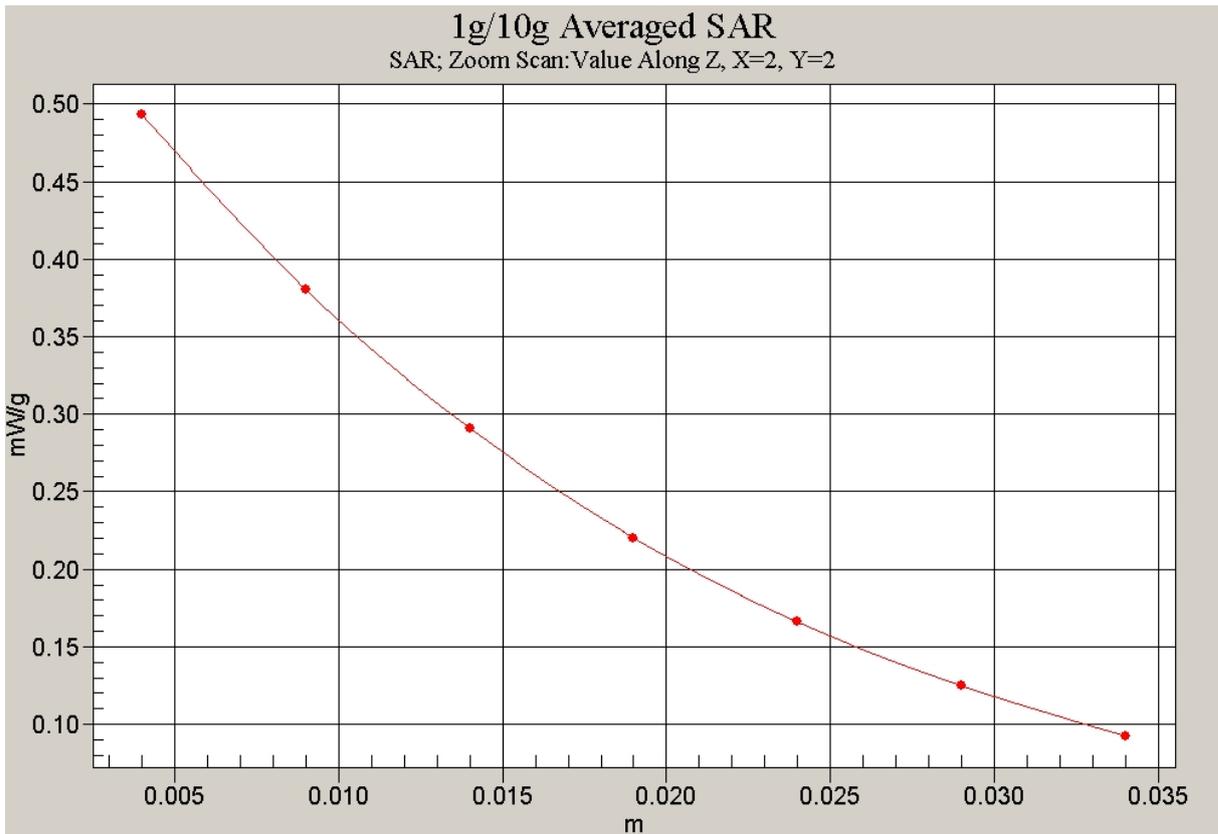


Fig. 122 Z-Scan at power reference point (850 MHz CH190) – Slide up

850 Right Tilt Middle – Slide up

Date/Time: 2009-3-4 16:38:39

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (61x101x1): Measurement grid: dx=10mm, dy=10mm

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

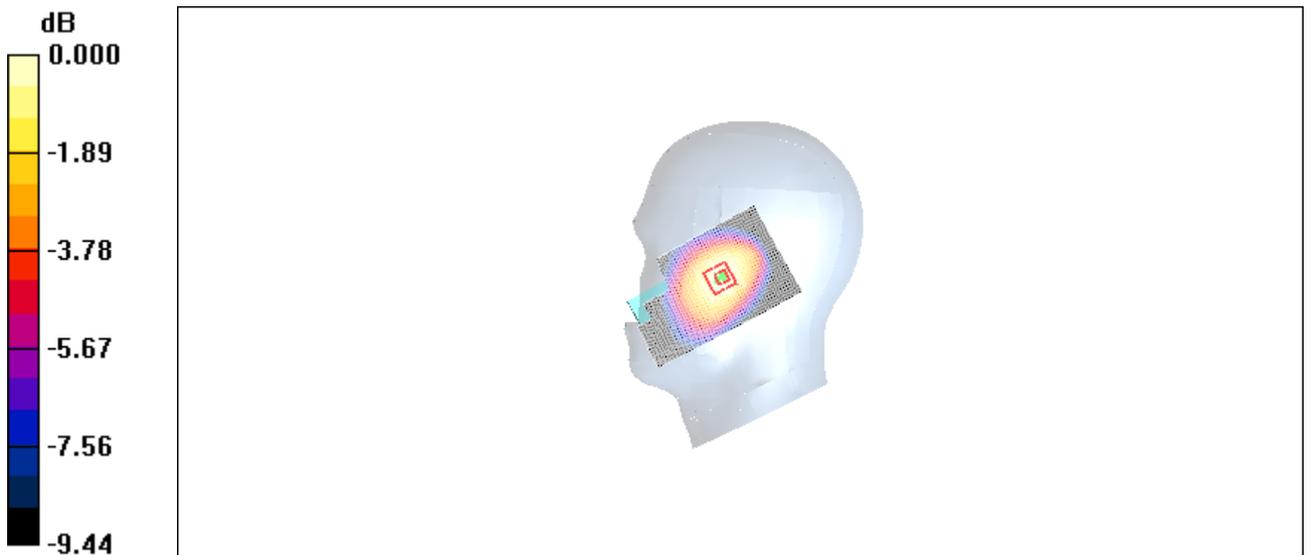
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.251 mW/g



0 dB = 0.251mW/g

Fig. 123 850 MHz CH190 – Slide up

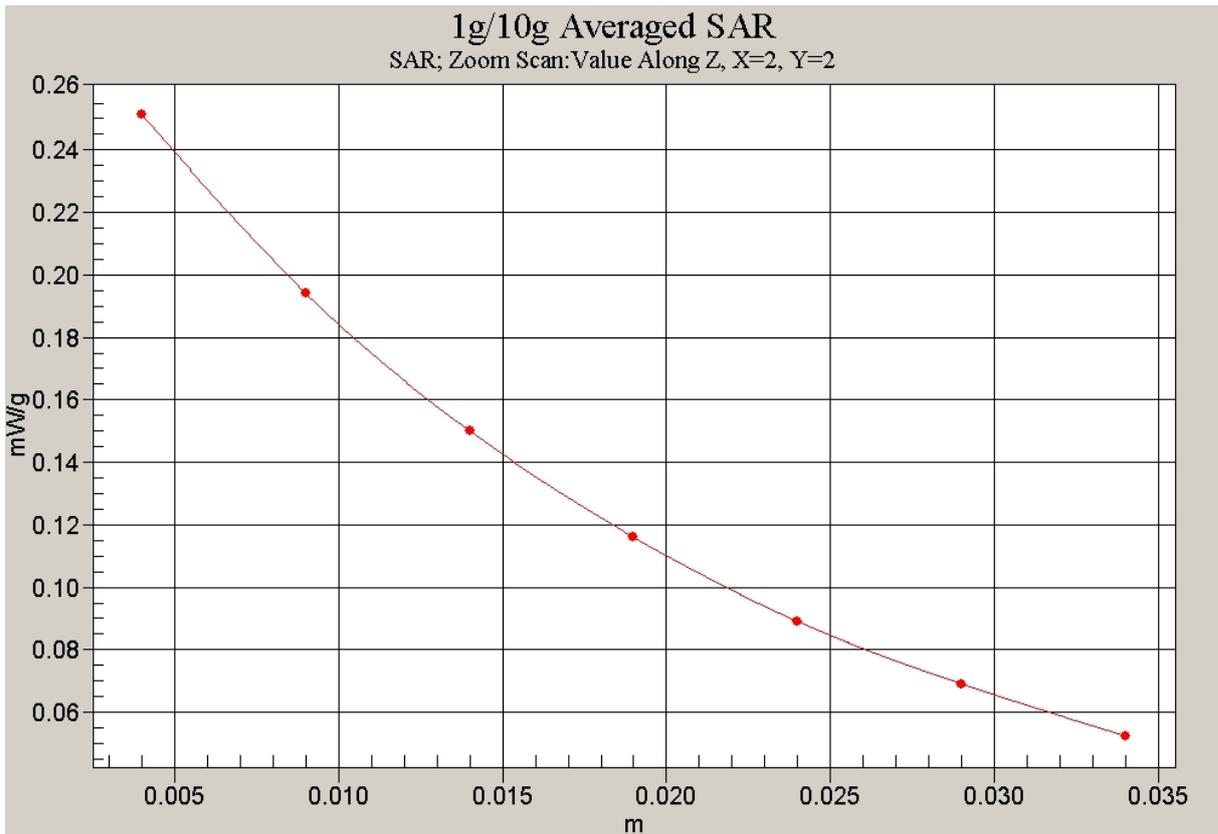


Fig. 124 Z-Scan at power reference point (850 MHz CH190) – Slide up