

Fig. 180 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Body Towards Ground Low with GPRS – Slide down

Date/Time: 2009-3-5 17:13:32

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ 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: 1850.2 MHz Duty Cycle: 1:4

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

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.793 mW/g

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

Reference Value = 15.4 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.374 mW/g

Maximum value of SAR (measured) = 0.680 mW/g

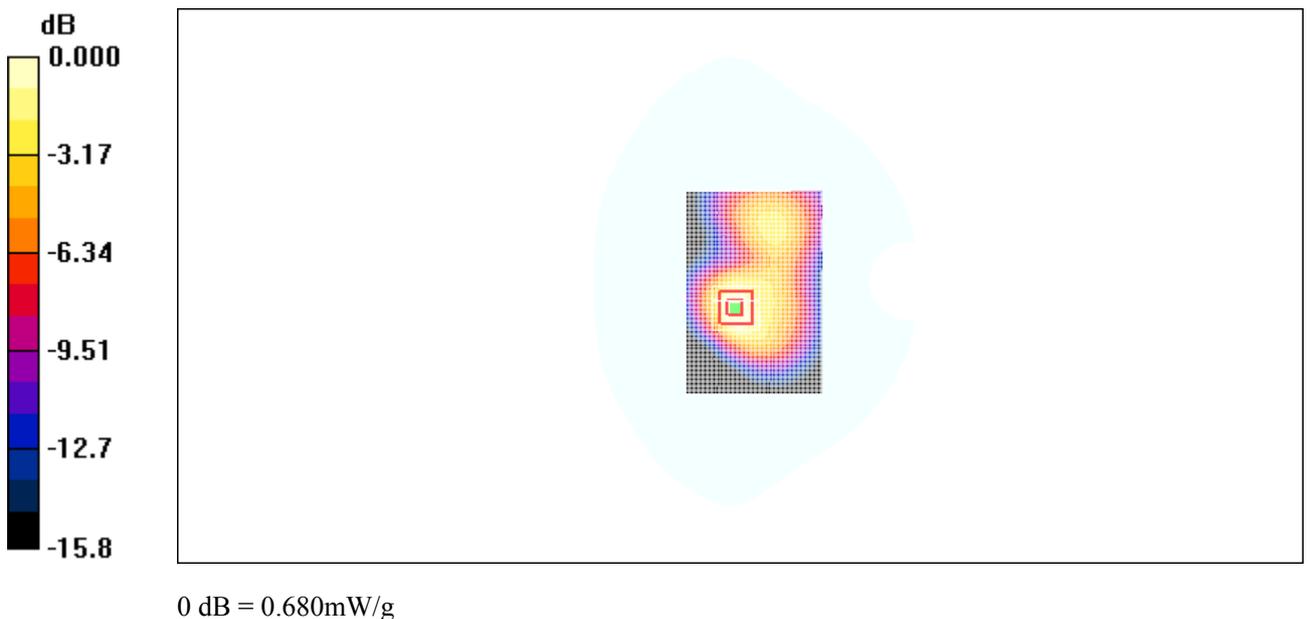


Fig. 181 1900 MHz CH512 – Slide down

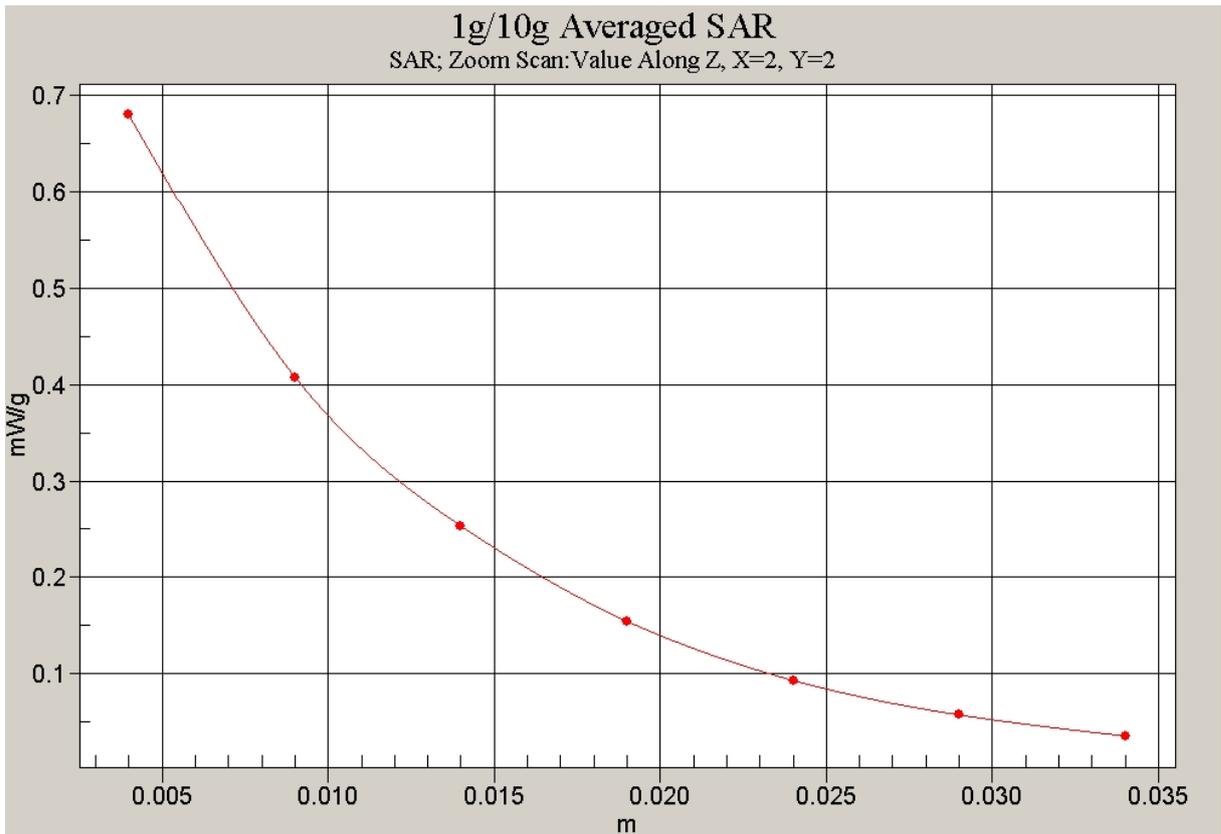


Fig. 182 Z-Scan at power reference point (1900 MHz CH512) – Slide down

1900 Body Towards Phantom High with GPRS – Slide down

Date/Time: 2009-3-5 17:27:36

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

Maximum value of SAR (interpolated) = 0.209 mW/g

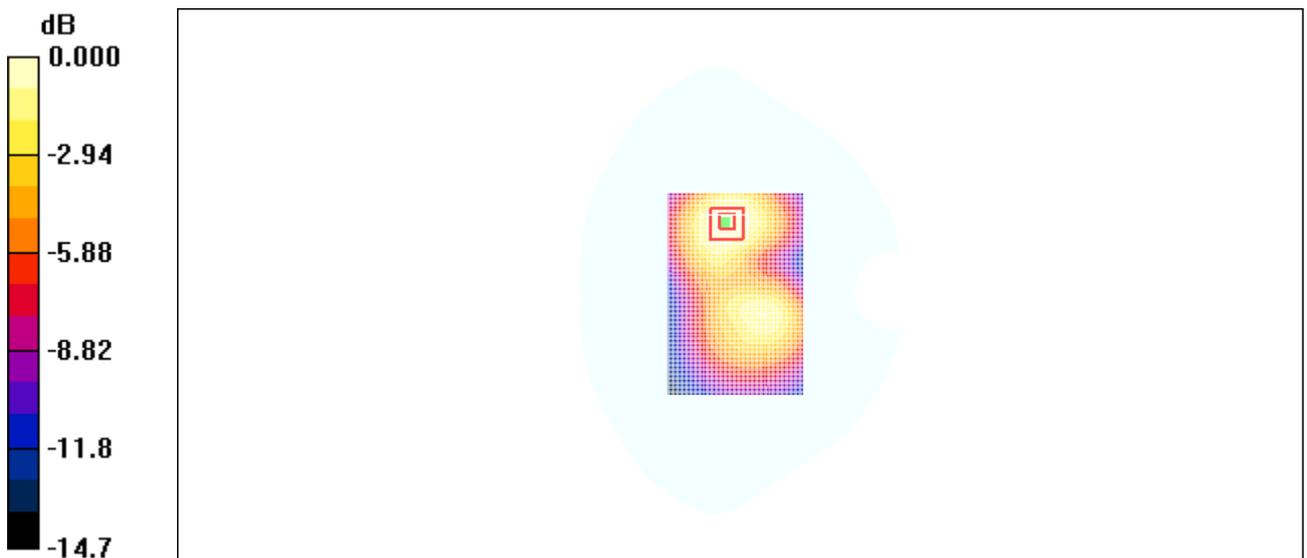
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.85 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

Fig. 183 1900 MHz CH810 – Slide down

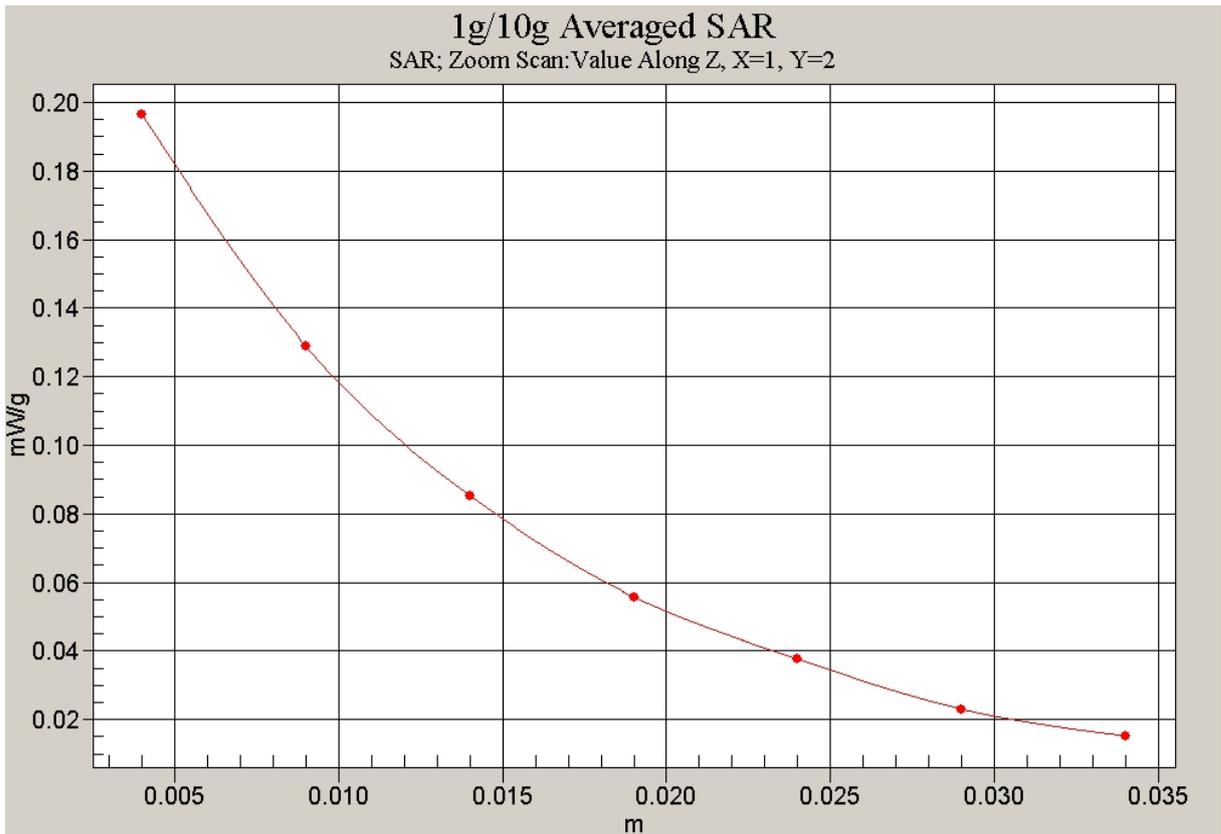


Fig. 184 Z-Scan at power reference point (1900 MHz CH810) – Slide down

1900 Body Towards Phantom Middle with GPRS – Slide down

Date/Time: 2009-3-5 17:41:03

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

Maximum value of SAR (interpolated) = 0.238 mW/g

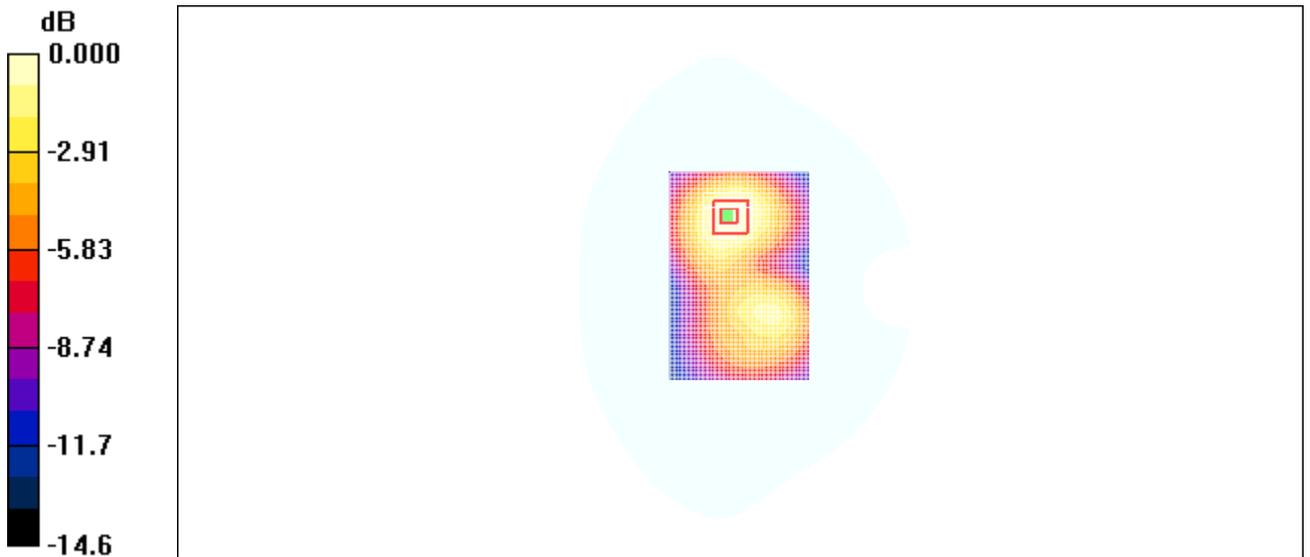
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.99 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.226mW/g

Fig.185 1900 MHz CH661 – Slide down

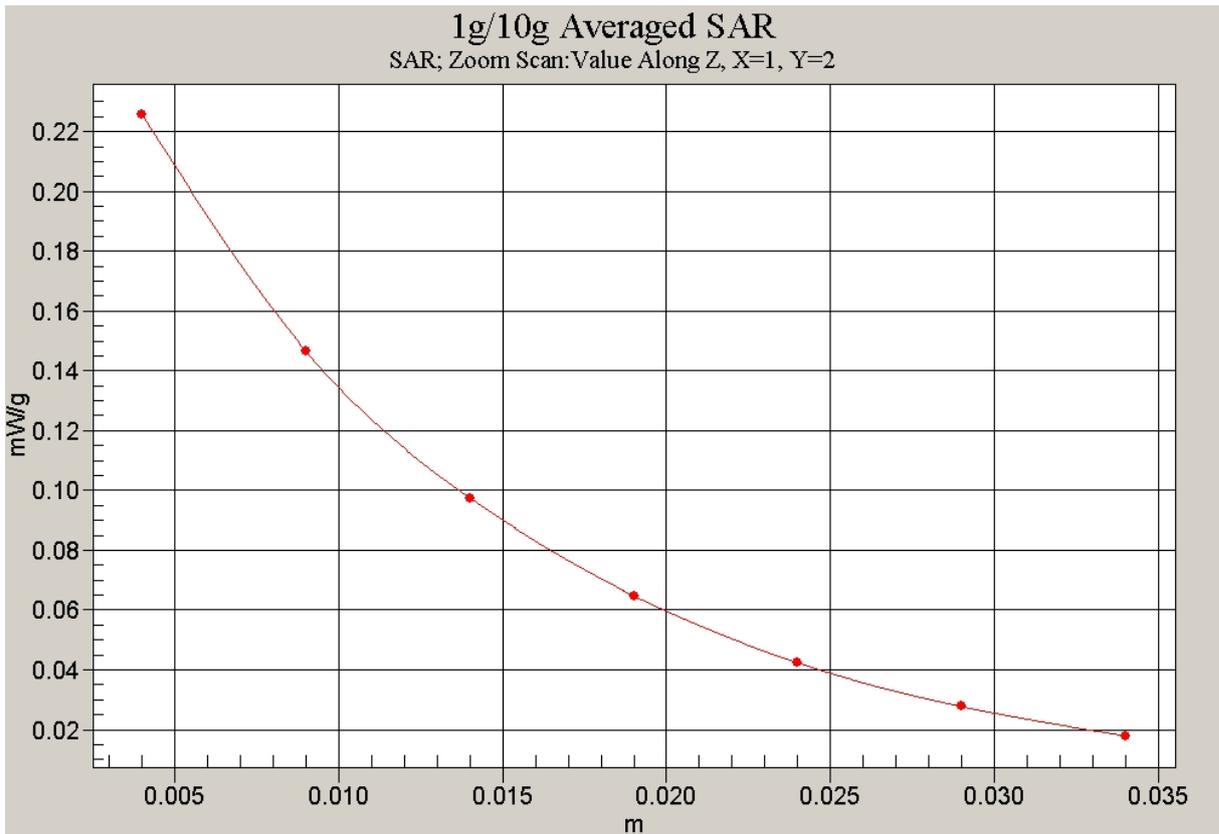


Fig. 186 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Body Towards Phantom Low with GPRS – Slide down

Date/Time: 2009-3-5 17:55:24

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ 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: 1850.2 MHz Duty Cycle: 1:4

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

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

Maximum value of SAR (interpolated) = 0.246 mW/g

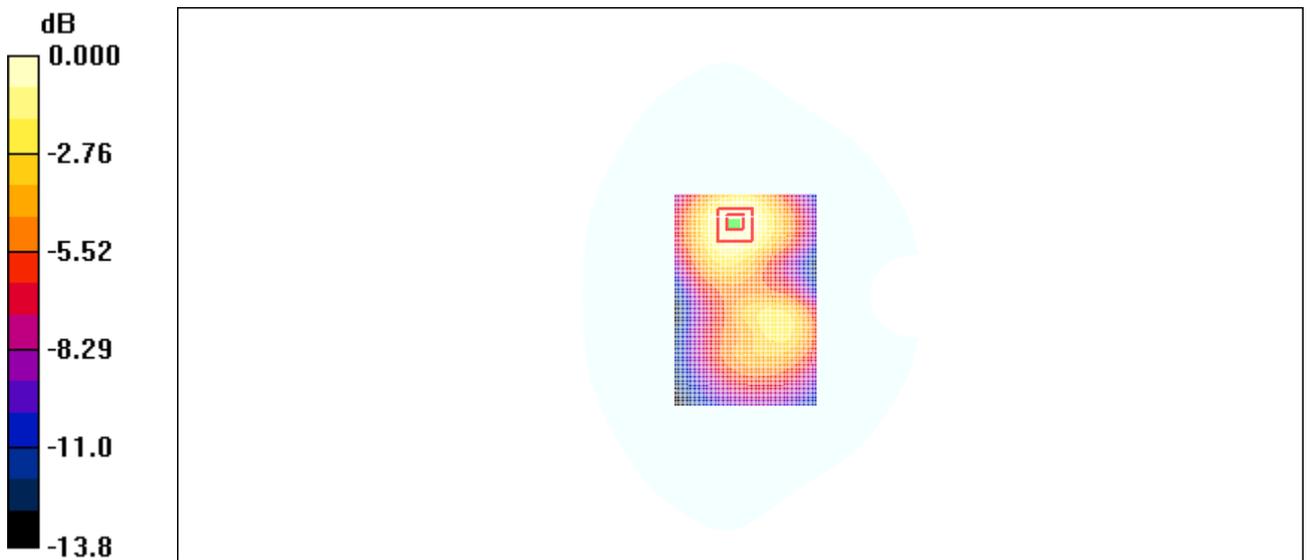
Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

Fig.187 1900 MHz CH512 – Slide down

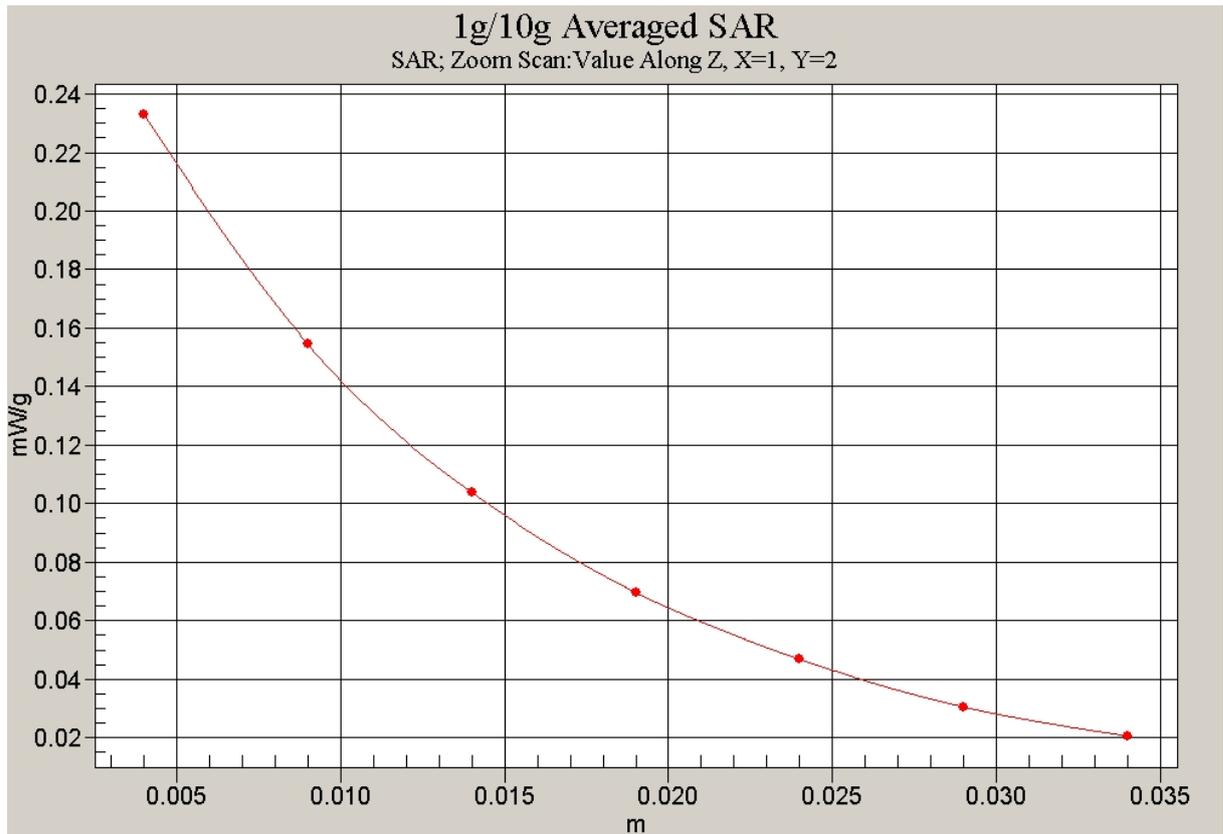


Fig. 188 Z-Scan at power reference point (1900 MHz CH512) – Slide down

1900 Body Towards Ground Middle with EGPRS – Slide down

Date/Time: 2009-3-5 18:10:54

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) = 0.345 mW/g

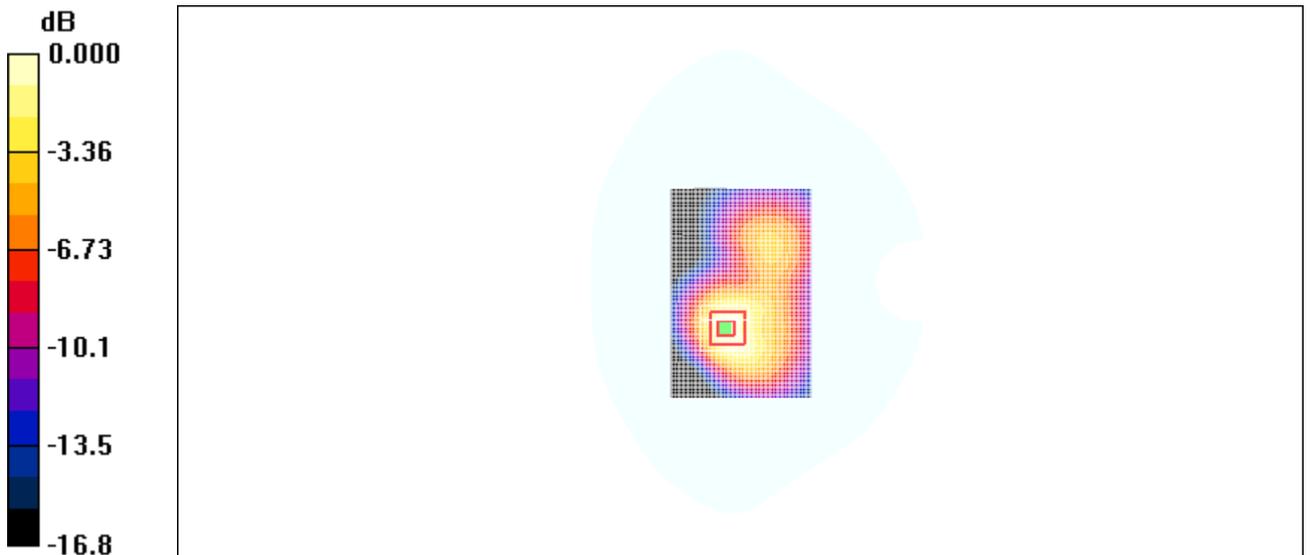
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.17 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



0 dB = 0.306mW/g

Fig.189 1900 MHz CH661 – Slide down

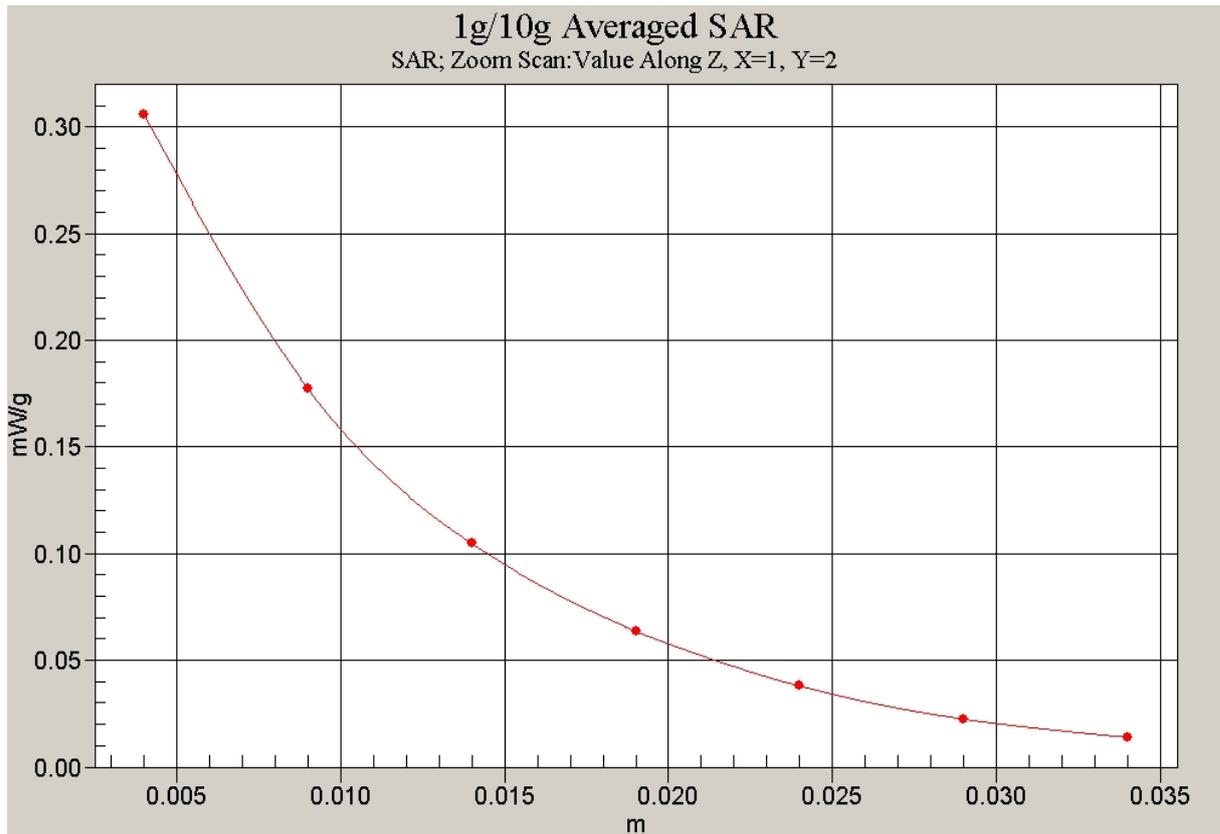


Fig. 190 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Body Towards Ground Middle with Headset – Slide down

Date/Time: 2009-3-5 18:25:05

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 new Frequency: 1880 MHz Duty Cycle: 1:8.3

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) = 0.324 mW/g

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

Reference Value = 6.49 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.166 mW/g

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

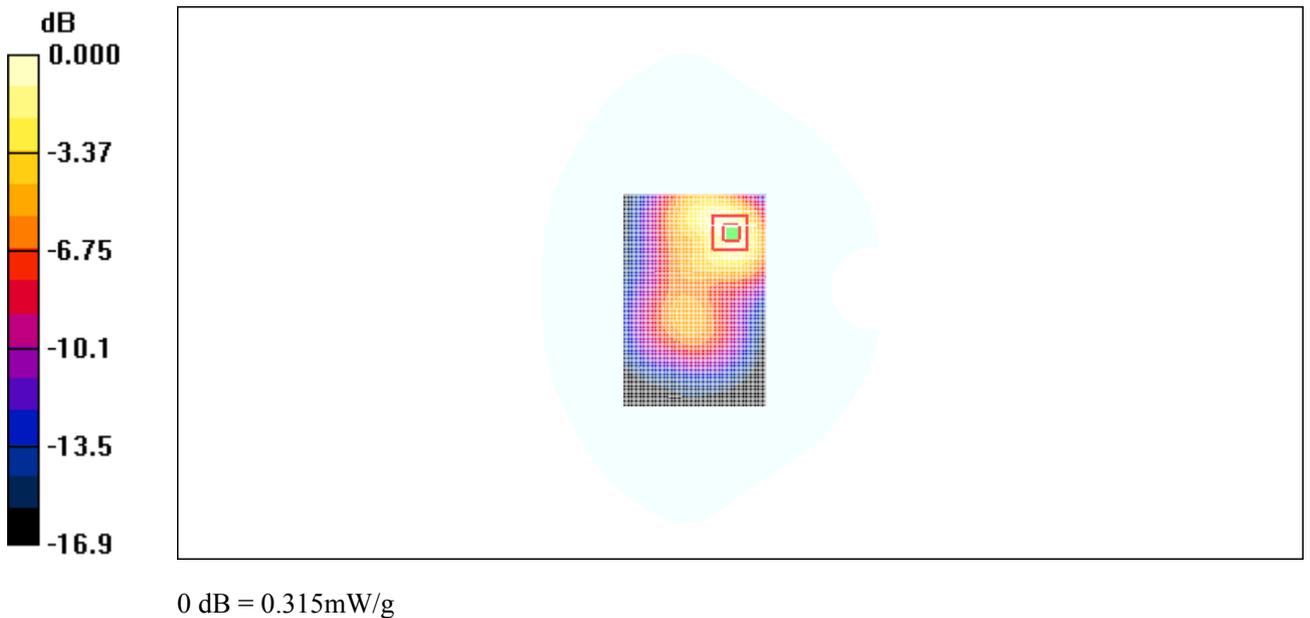


Fig. 191 1900 MHz CH661 – Slide down

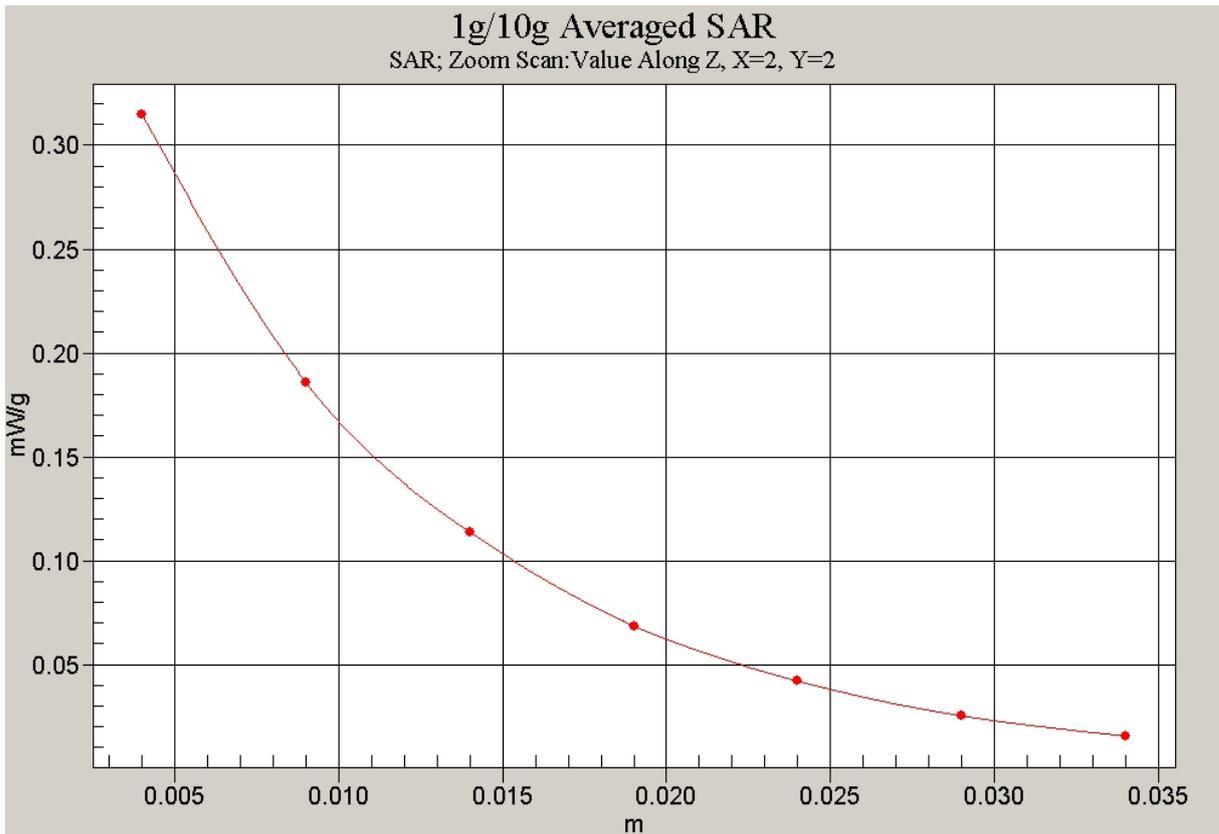


Fig. 192 Z-Scan at power reference point (1900 MHz CH661) – Slide down

1900 Body Towards Ground High with GPRS – Slide up

Date/Time: 2009-3-5 18:39:50

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 (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.571 mW/g

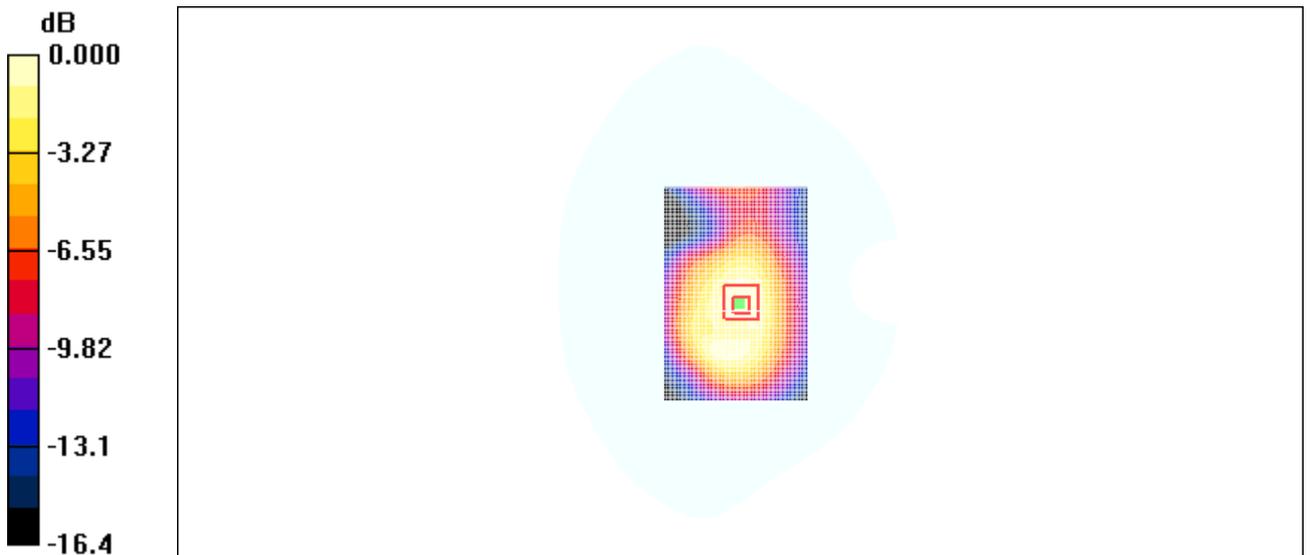
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.832 W/kg

SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.557 mW/g



0 dB = 0.557mW/g

Fig. 193 1900 MHz CH810 – Slide up

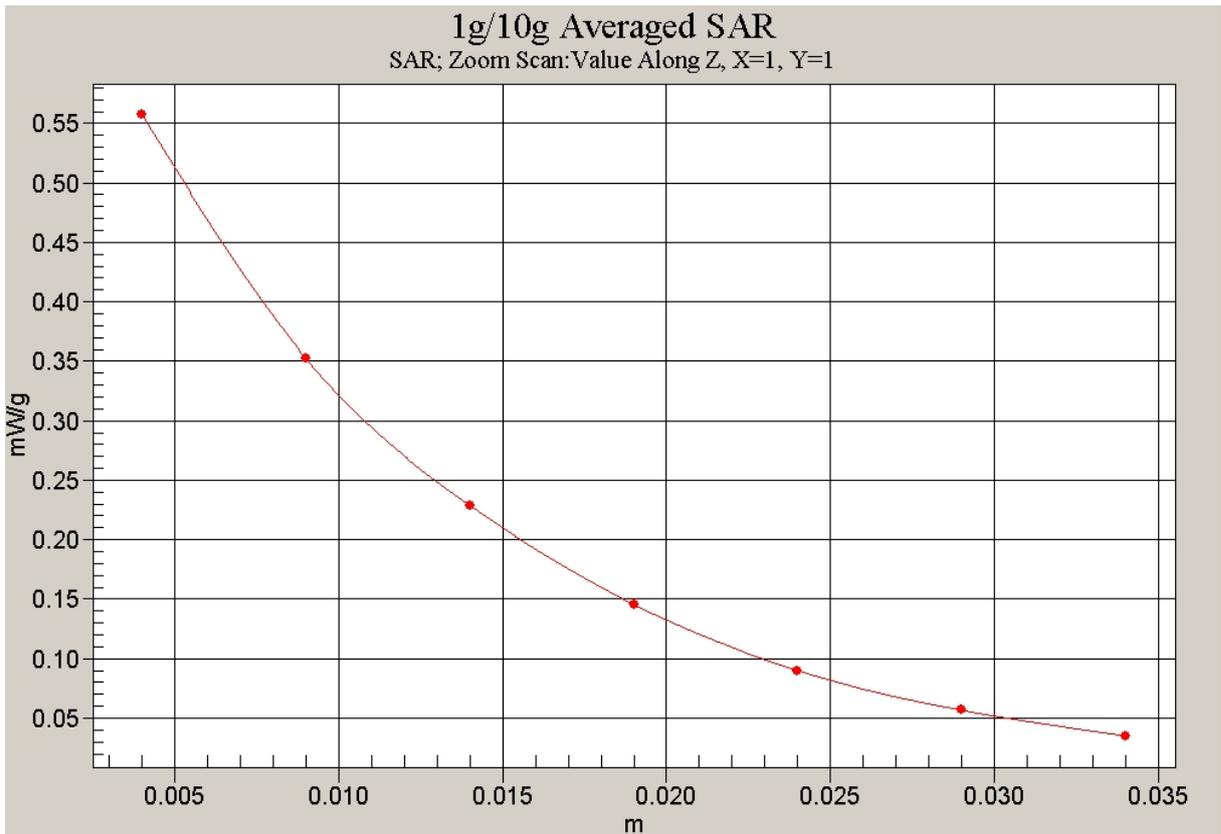


Fig. 194 Z-Scan at power reference point (1900 MHz CH810) – Slide up

1900 Body Towards Ground Middle with GPRS – Slide up

Date/Time: 2009-3-5 18:53:46

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) = 0.618 mW/g

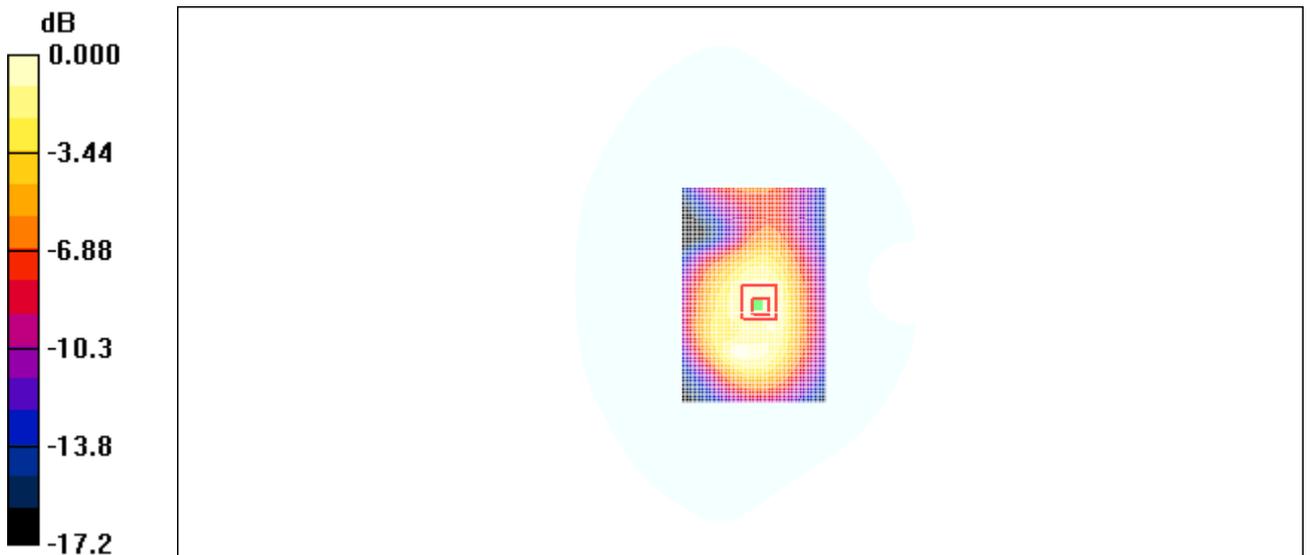
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 0.607 mW/g



0 dB = 0.607mW/g

Fig. 195 1900 MHz CH661 – Slide up

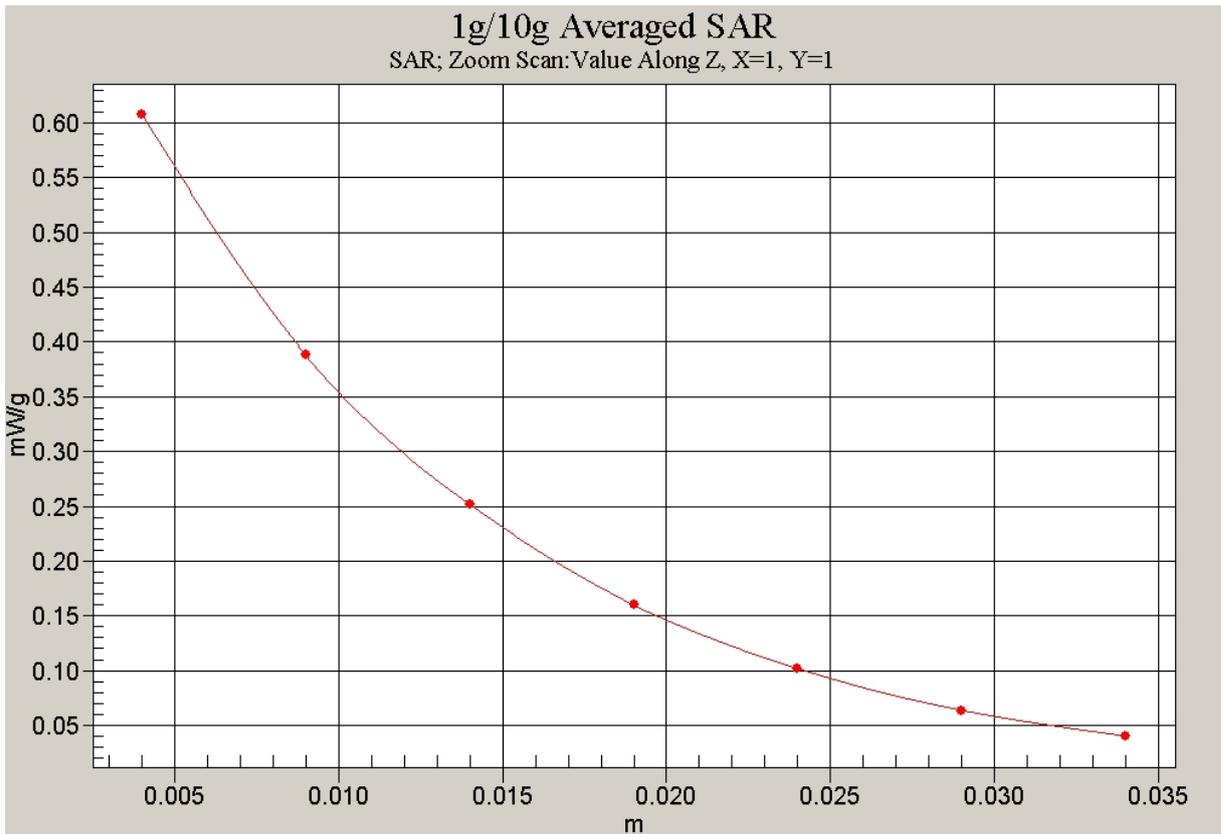


Fig. 196 Z-Scan at power reference point (1900 MHz CH661) – Slide up

1900 Body Towards Ground Low with GPRS – Slide up

Date/Time: 2009-3-5 19:07:37

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ 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: 1850.2 MHz Duty Cycle: 1:4

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

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.719 mW/g

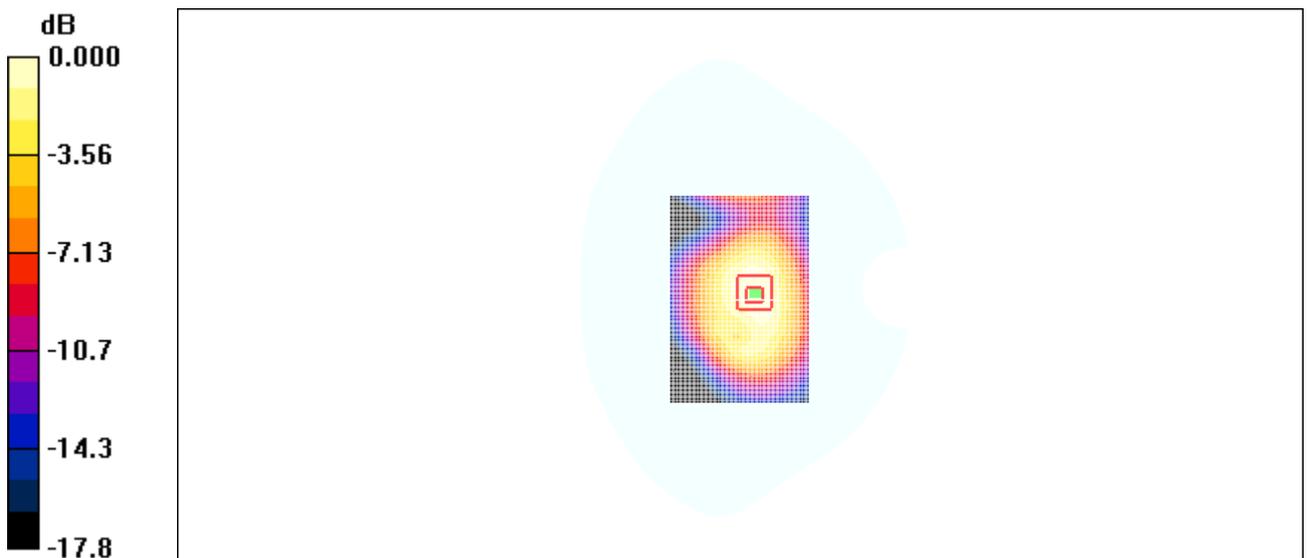
Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.420 mW/g

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



0 dB = 0.692mW/g

Fig. 197 1900 MHz CH512 – Slide up

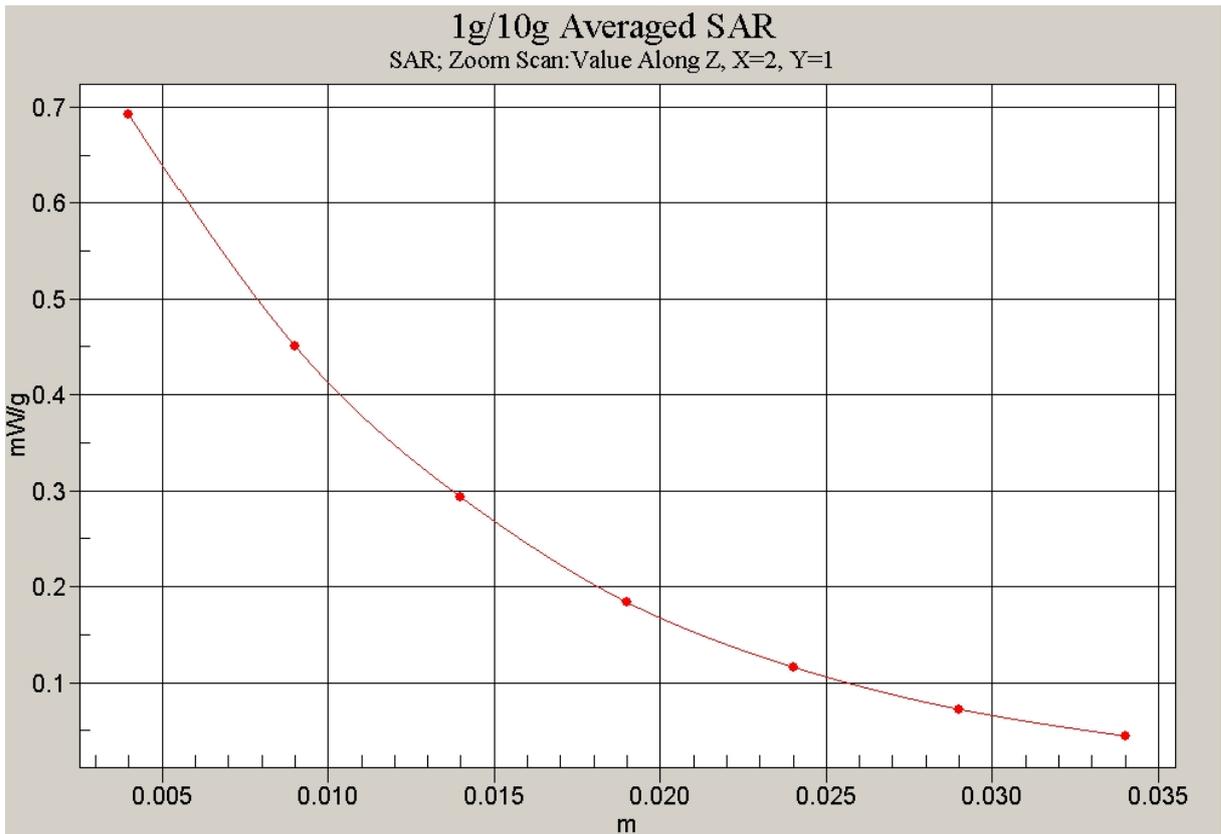


Fig. 198 Z-Scan at power reference point (1900 MHz CH512) – Slide up

1900 Body Towards Phantom High with GPRS – Slide up

Date/Time: 2009-3-5 19:21:08

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

Maximum value of SAR (interpolated) = 0.269 mW/g

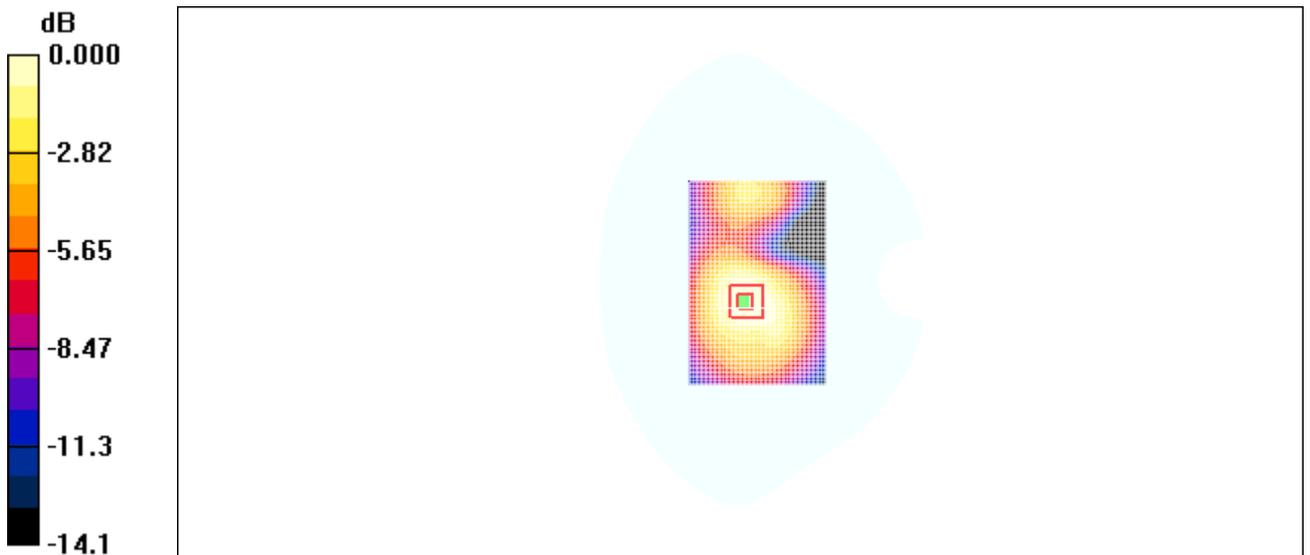
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.157 mW/g

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



0 dB = 0.254mW/g

Fig. 199 1900 MHz CH810 – Slide up

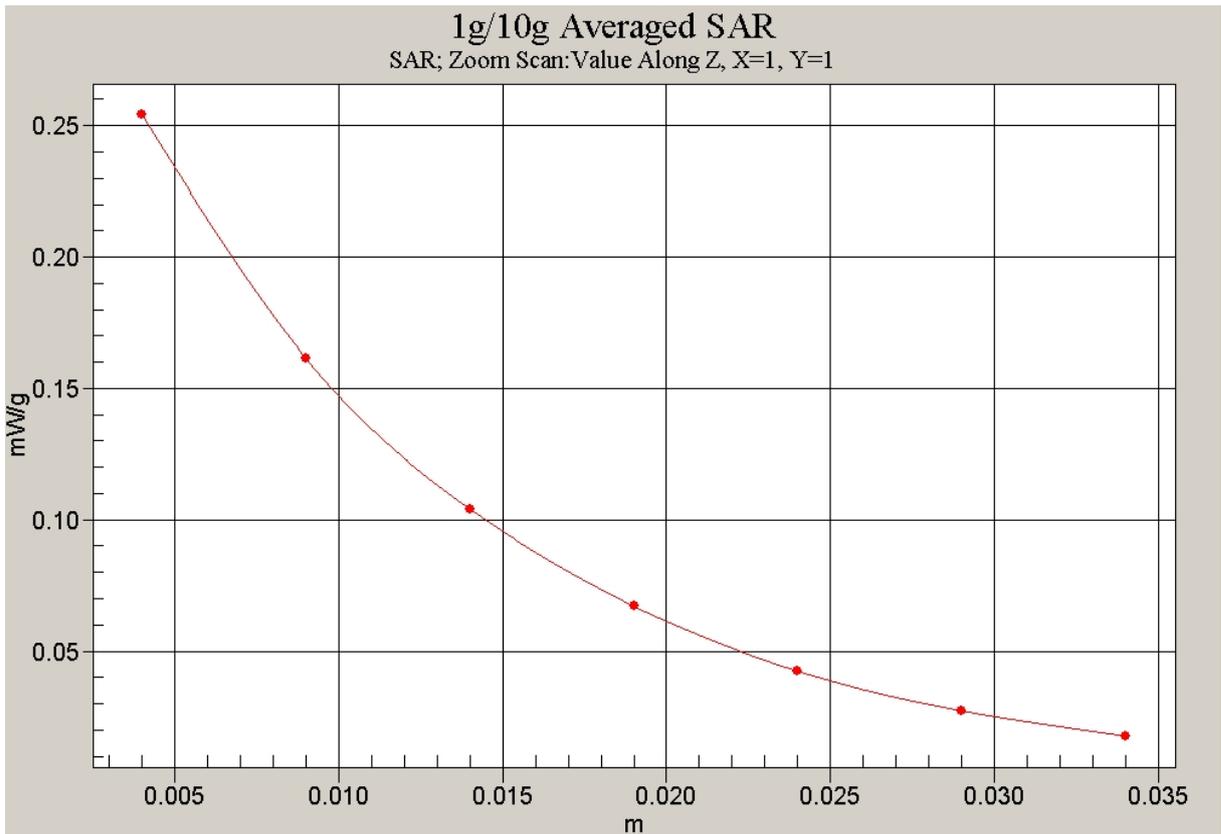


Fig. 200 Z-Scan at power reference point (1900 MHz CH810) – Slide up

1900 Body Towards Phantom Middle with GPRS – Slide up

Date/Time: 2009-3-5 19:35:35

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

Maximum value of SAR (interpolated) = 0.353 mW/g

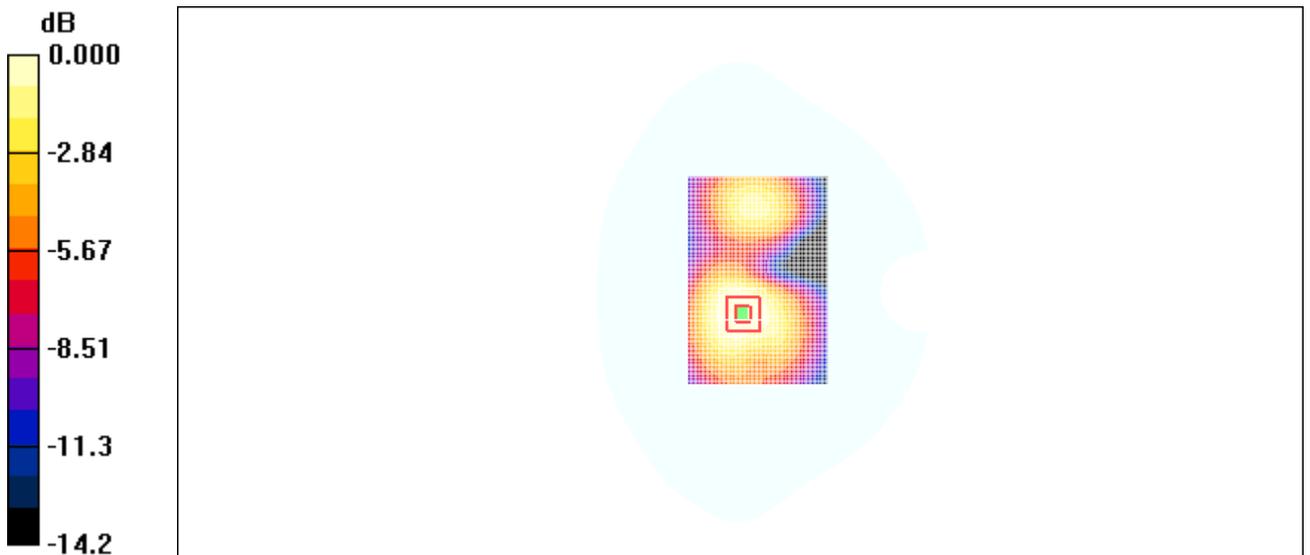
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.295 mW/g



0 dB = 0.295mW/g

Fig.201 1900 MHz CH661 – Slide up

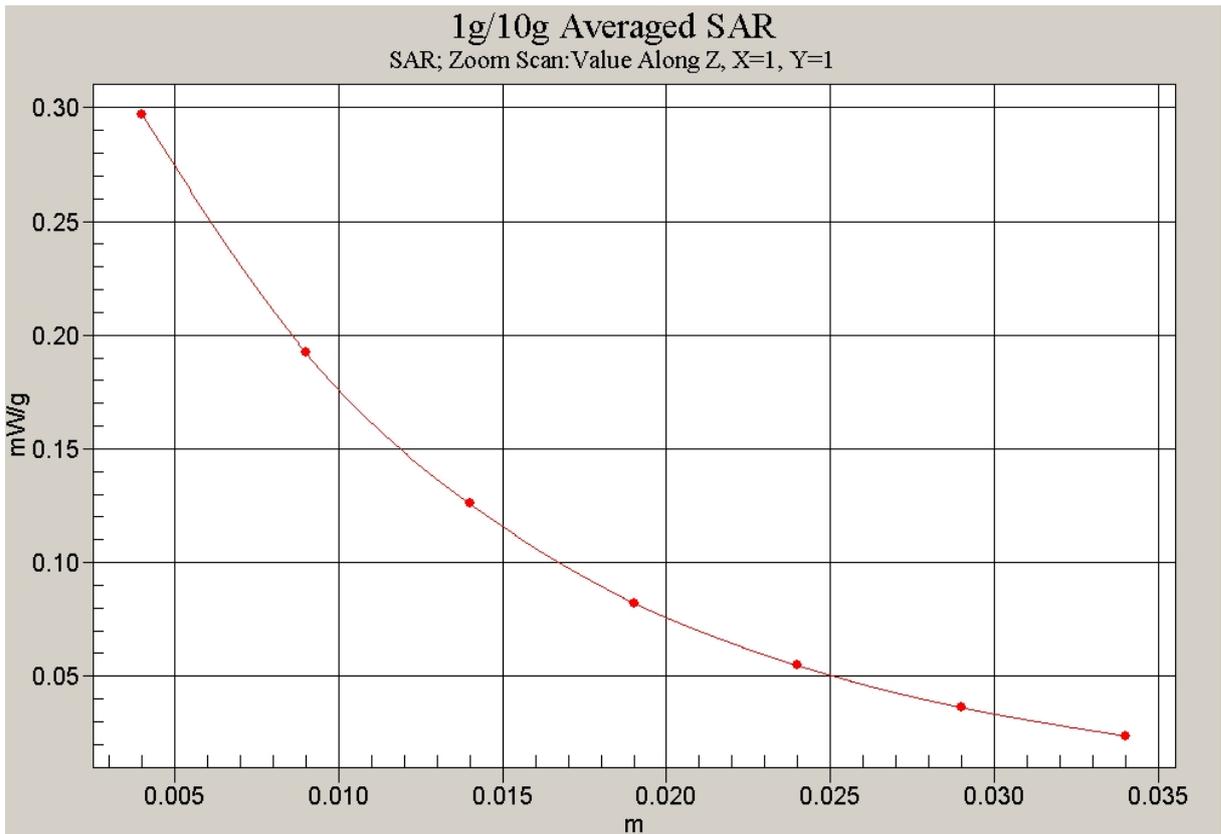


Fig. 202 Z-Scan at power reference point (1900 MHz CH661) – Slide up

1900 Body Towards Phantom Low with GPRS – Slide up

Date/Time: 2009-3-5 19:49:18

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.52$ 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: 1850.2 MHz Duty Cycle: 1:4

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

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

Maximum value of SAR (interpolated) = 0.714 mW/g

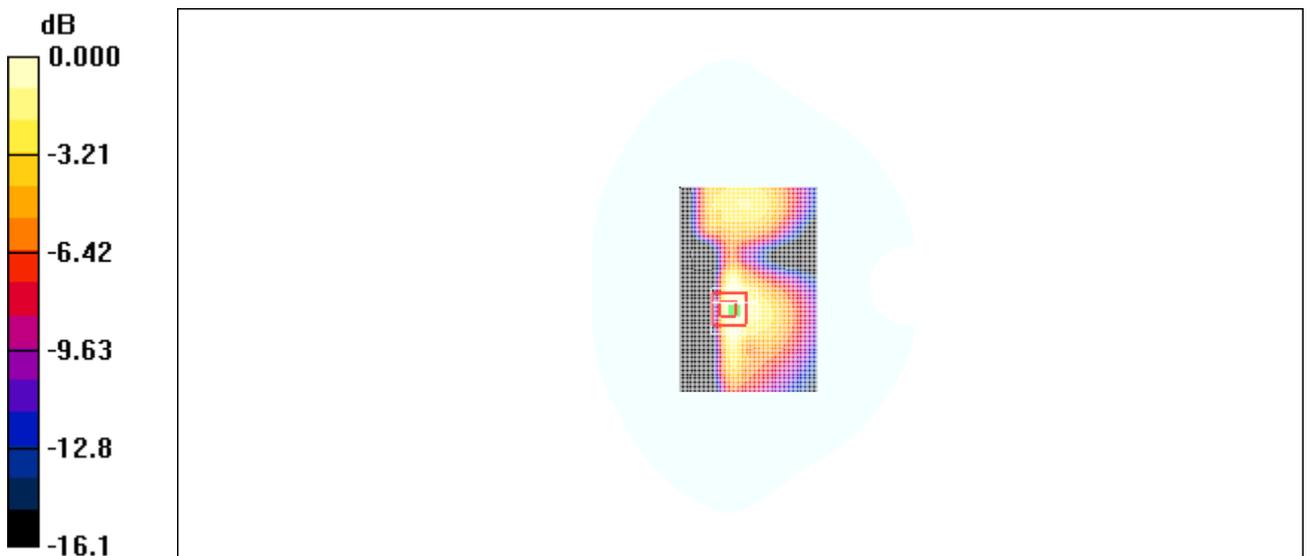
Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 0.376 mW/g



0 dB = 0.376mW/g

Fig.203 1900 MHz CH512 – Slide up



Fig. 204 Z-Scan at power reference point (1900 MHz CH512) – Slide up

WCDMA 850 Body Toward Ground High with Bluetooth – Slide up

Date/Time: 2009-3-4 20:25:32

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.02$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

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

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

Maximum value of SAR (interpolated) = 0.592 mW/g

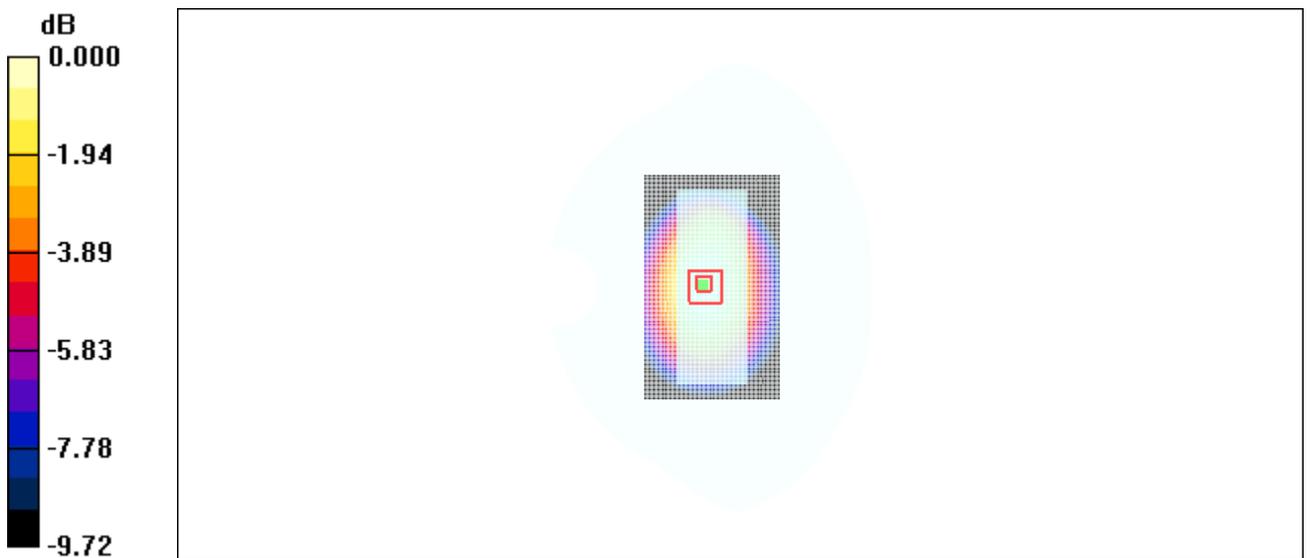
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.9 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 0.589 mW/g



0 dB = 0.589mW/g

Fig. 205 WCDMA850 MHz, Body, Towards Ground, CH4233 – Slide up

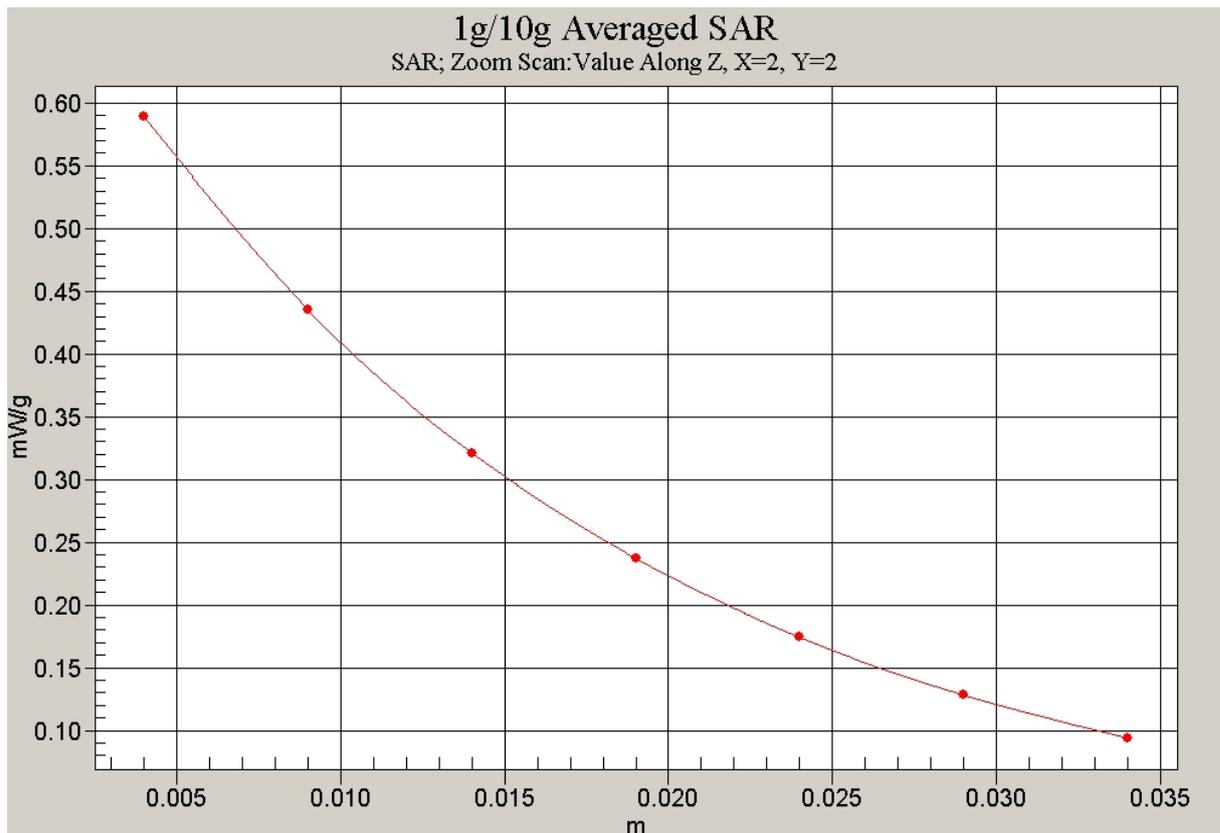


Fig.206 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233)
– Slide up

WCDMA 1900 Body Toward Ground Middle with Bluetooth – Slide down

Date/Time: 2009-3-5 20:05:57

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) = 0.576 mW/g

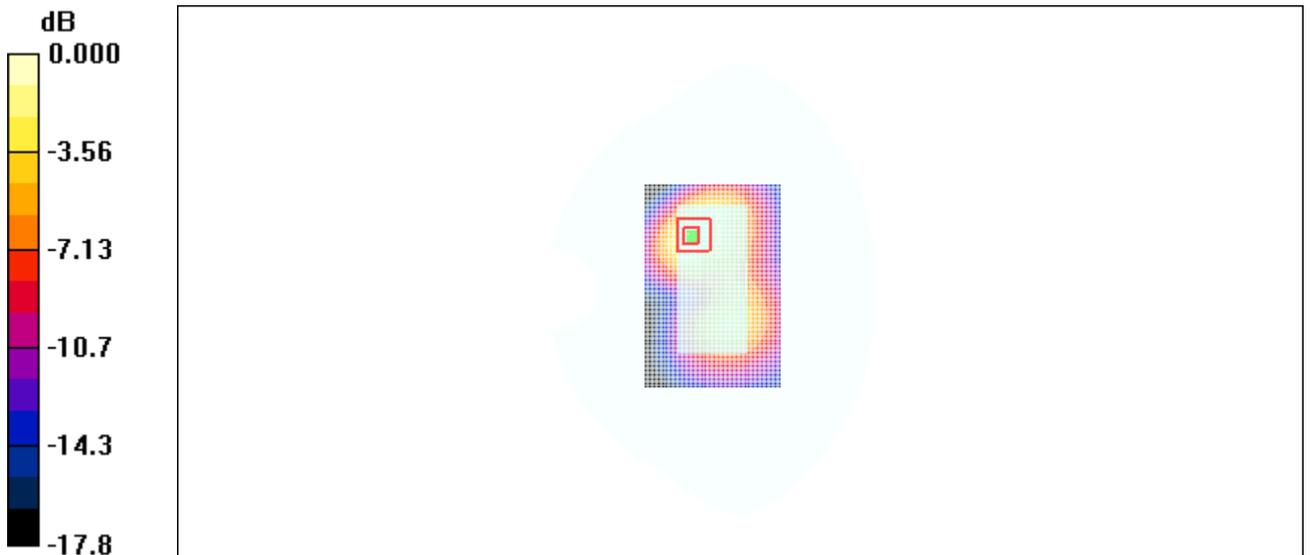
Towards Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.74 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.886 W/kg

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.541 mW/g



0 dB = 0.541mW/g

Fig. 207 WCDMA 1900MHz, Body, Towards Ground, CH9400 – Slide down

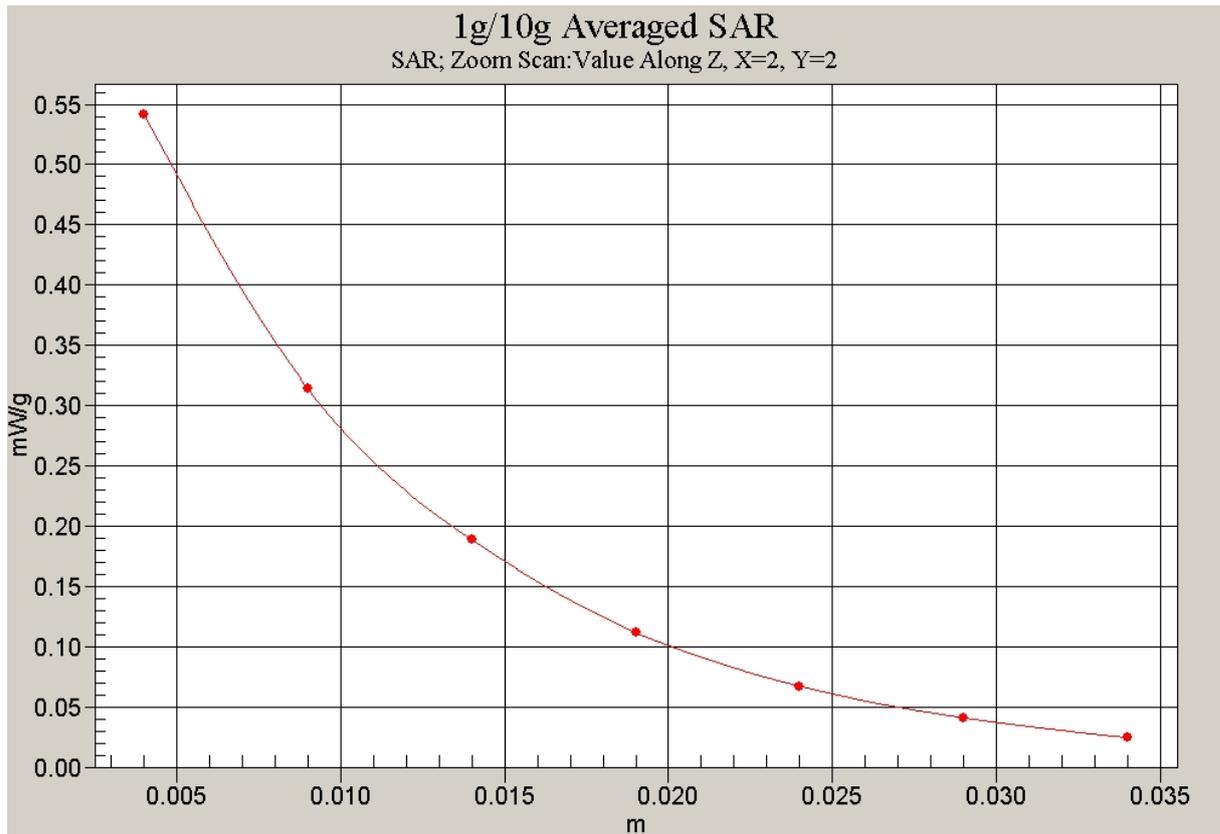


Fig. 208 Z-Scan at power reference point (WCDMA 1900MHz,Body,Towards Ground,CH9400)
– Slide down

850 Body Towards Ground Low with Bluetooth – Slide up

Date/Time: 2009-3-4 20:46:57

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 Frequency: 824.2 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=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.747 mW/g

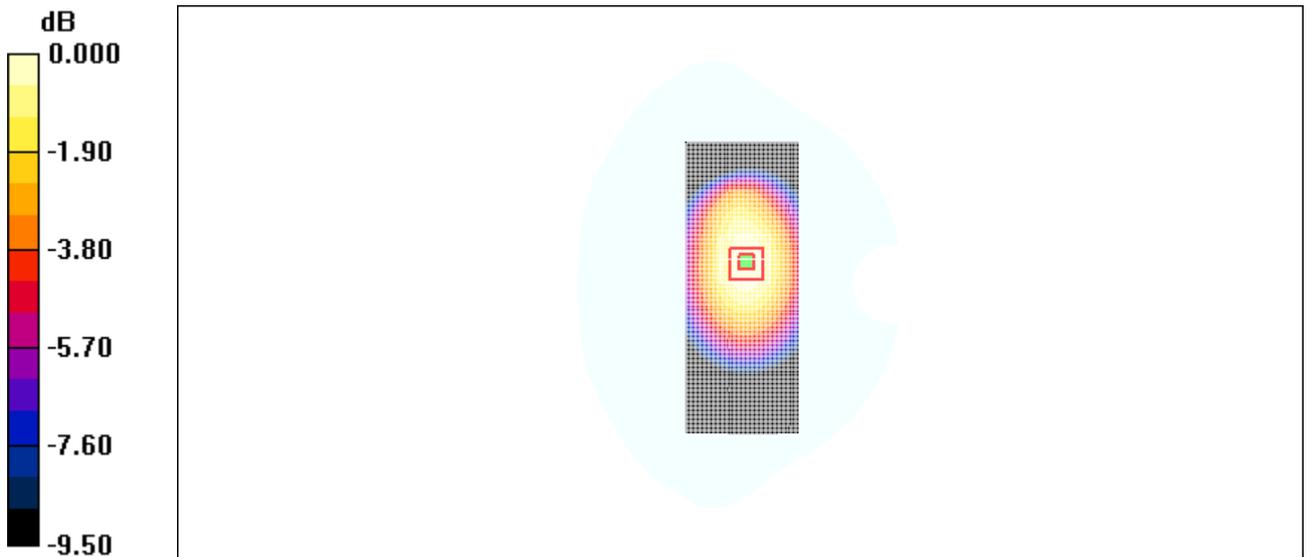
Towards Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.920 W/kg

SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 0.746 mW/g



0 dB = 0.746mW/g

Fig. 209 850 MHz CH128 – Slide up