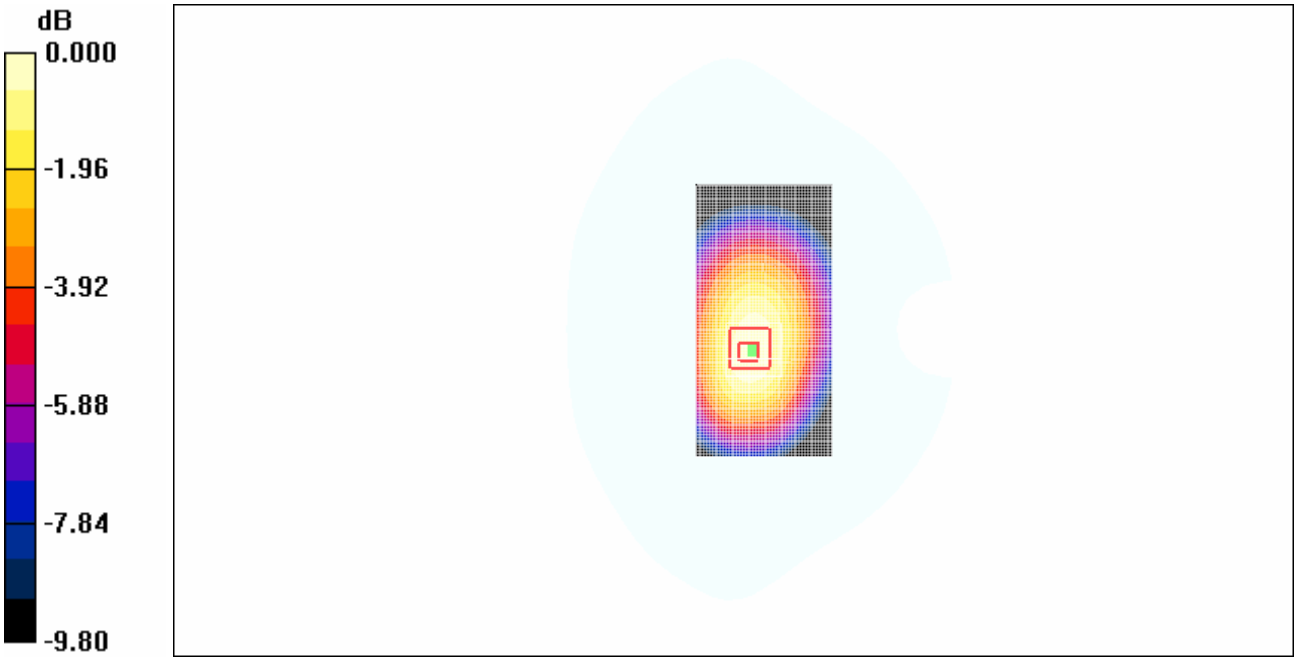
850 Body Toward Ground Low with GPRS-slide up

Date/Time: 2008-3-21 16:08:37
Electronics: DAE4 Sn777
Medium: 850 Body
Medium parameters used: f = 825 MHz; σ = 0.96 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

Toward Ground Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 38.5 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.848 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

Fig. 213 850MHz Body, Towards Ground with GPRS, CH128-slide up

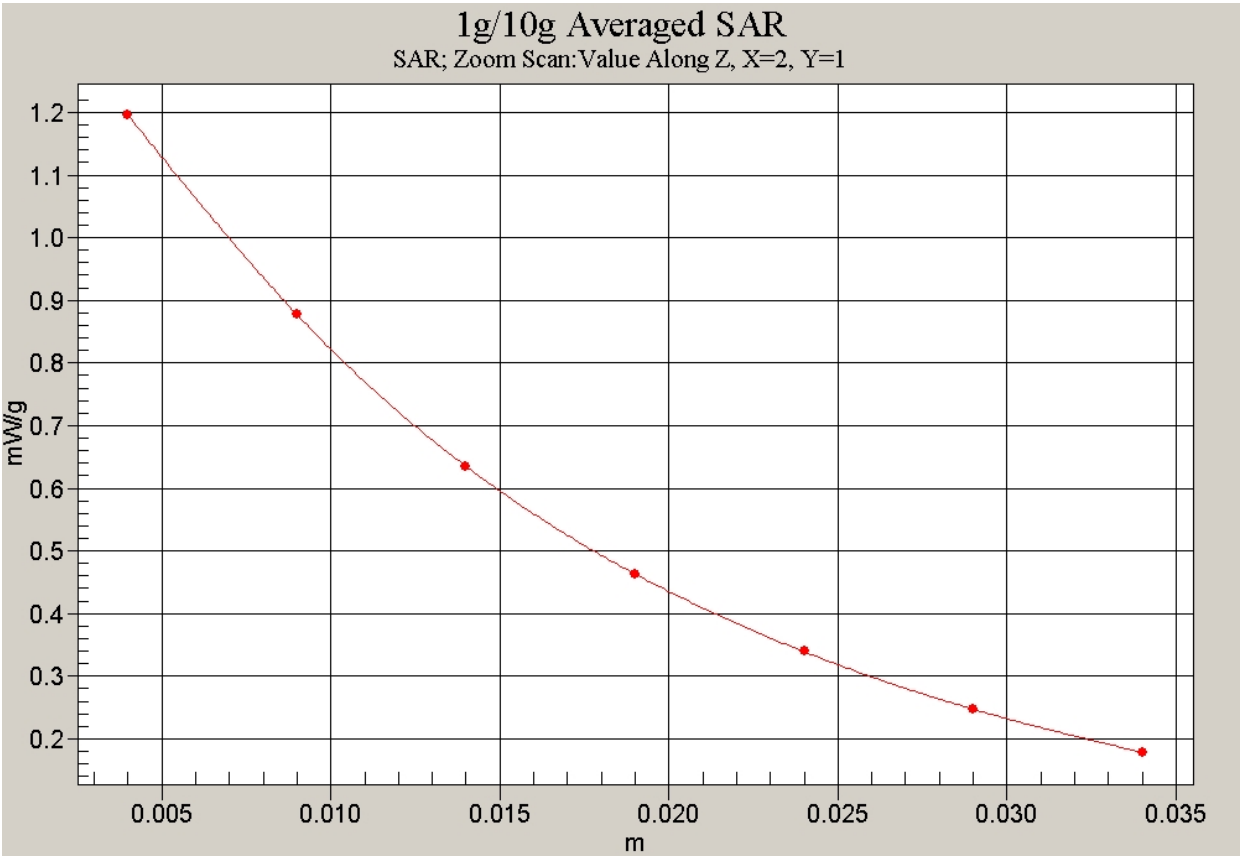


Fig. 214 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH128-slide up)

850 Body Toward Phantom High with GPRS-slide up

Date/Time: 2008-3-21 15:30:29

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.983 mho/m; ε_r = 55; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

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

Maximum value of SAR (interpolated) = 0.893 mW/g

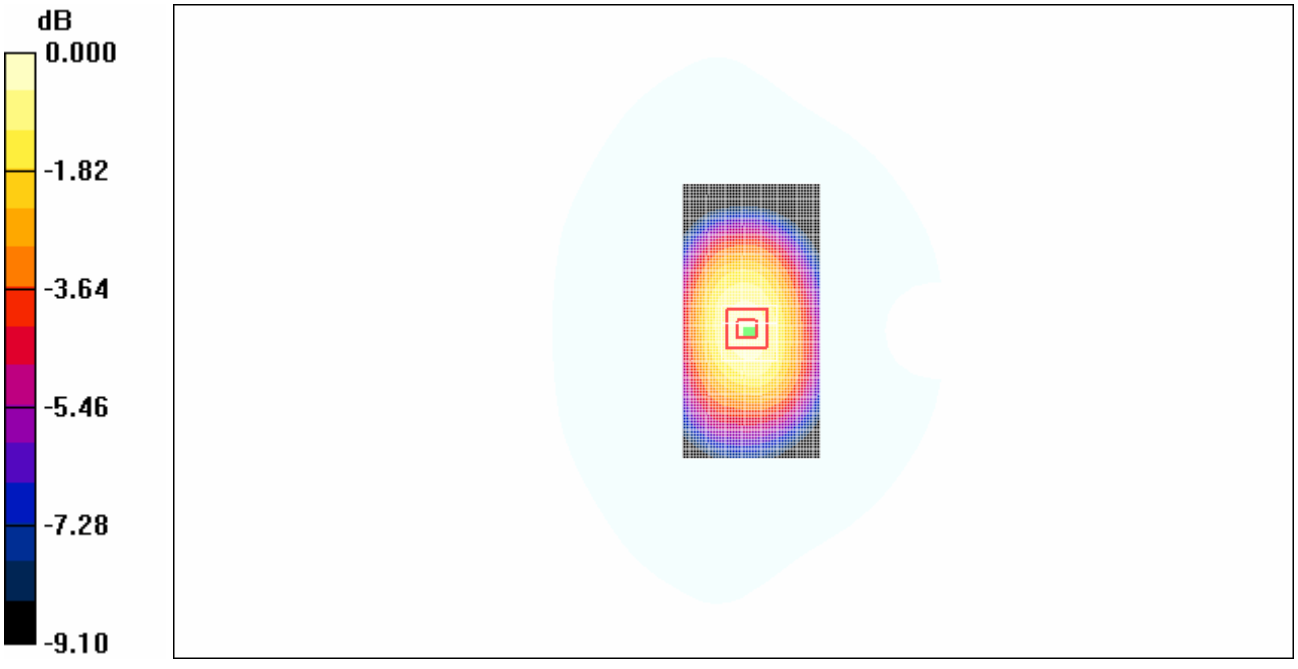
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.3 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.653 mW/g

Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.942mW/g

Fig. 215 850MHz Body, Towards Phantom with GPRS, CH251-slide up

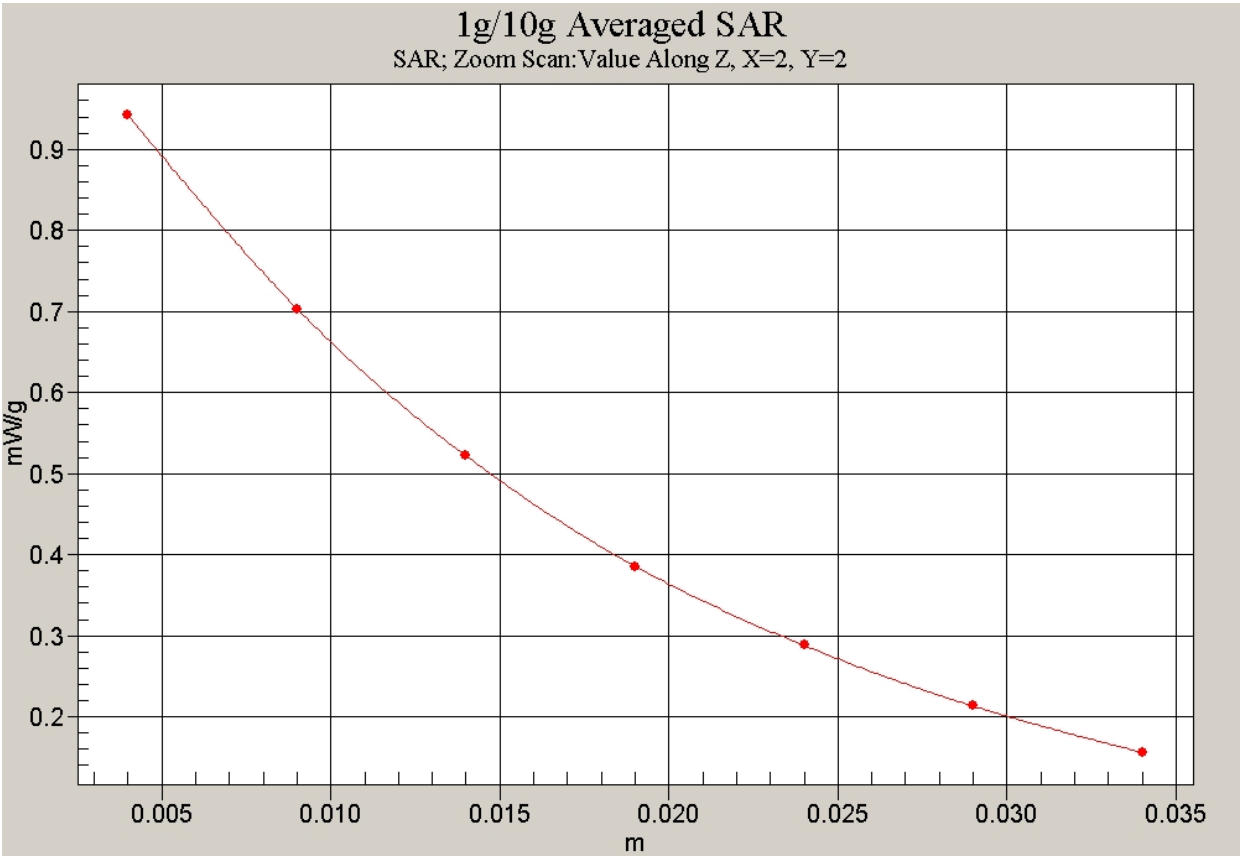


Fig. 216 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH251-slide up)

850 Body Toward Phantom Middle with GPRS-slide up

Date/Time: 2008-3-21 15:43:02

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.971 mho/m; ε_r = 55; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

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

Maximum value of SAR (interpolated) = 1.02 mW/g

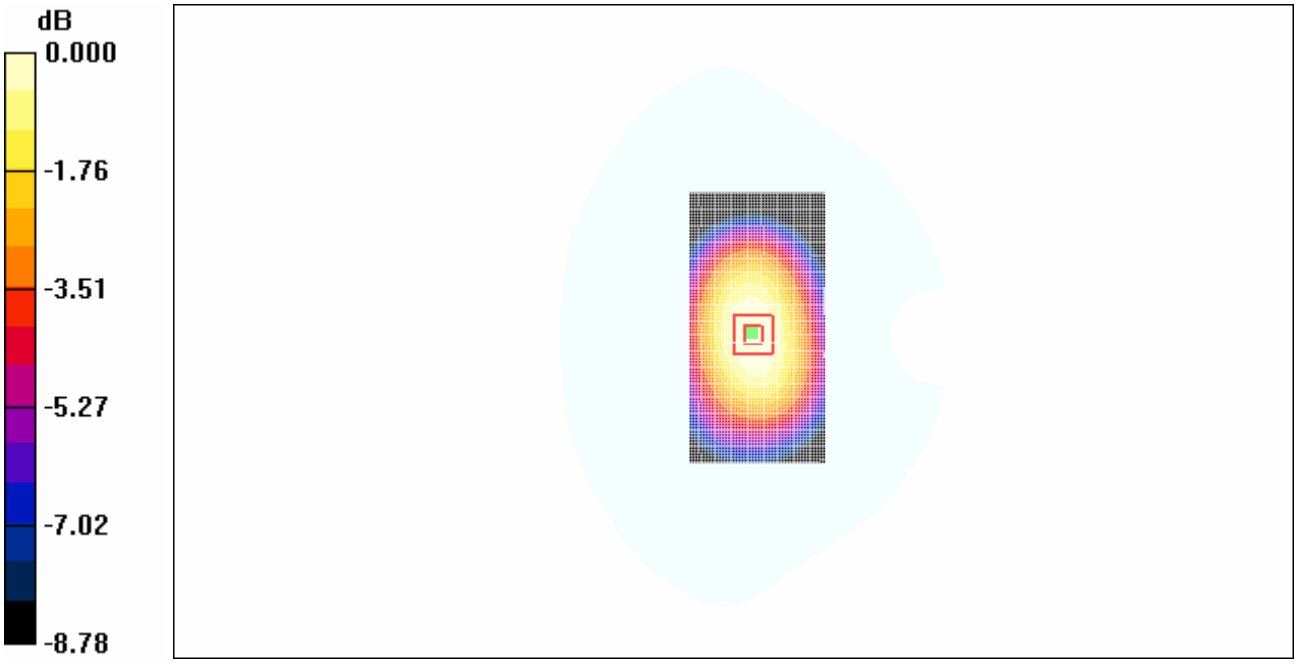
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.9 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.695 mW/g

Maximum value of SAR (measured) = 0.997 mW/g



0 dB = 0.997mW/g

Fig. 217 850MHz Body, Towards Phantom with GPRS, CH190-slide up

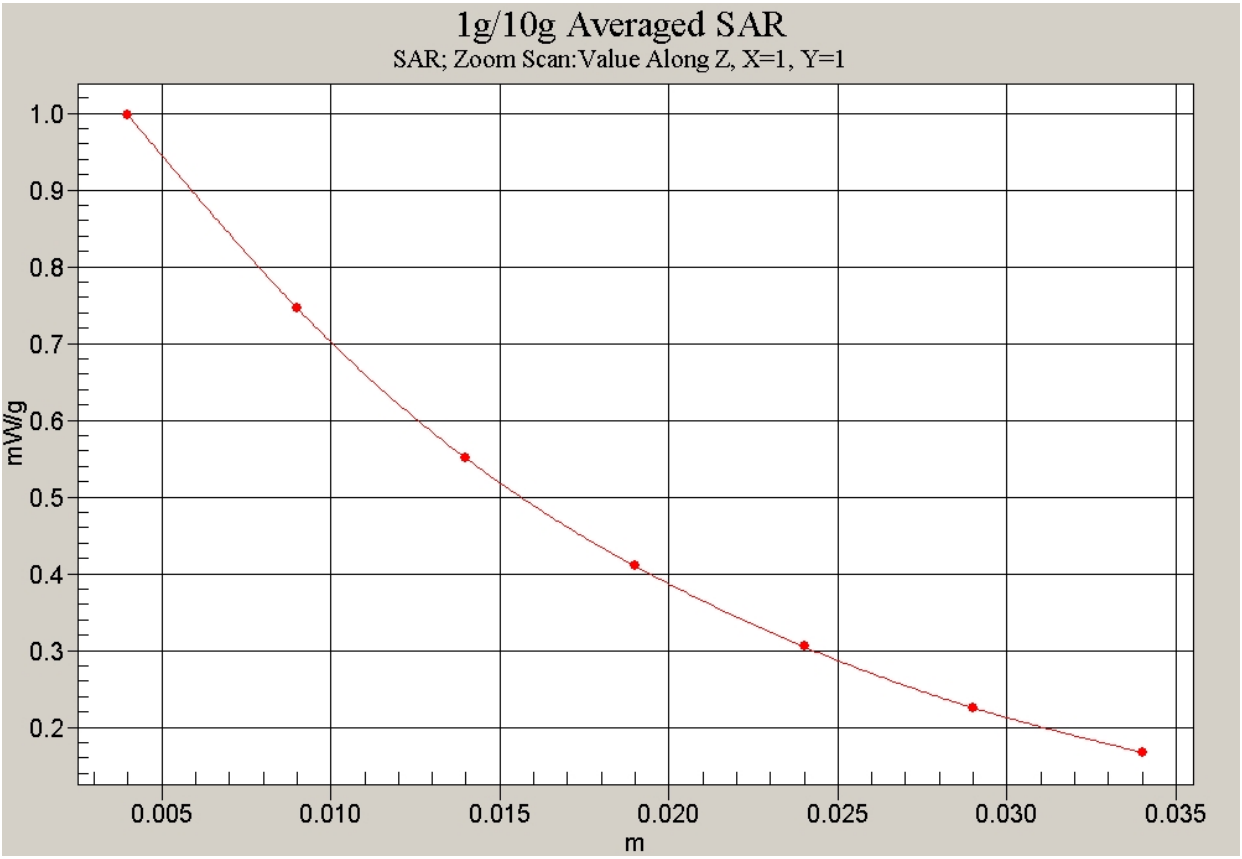


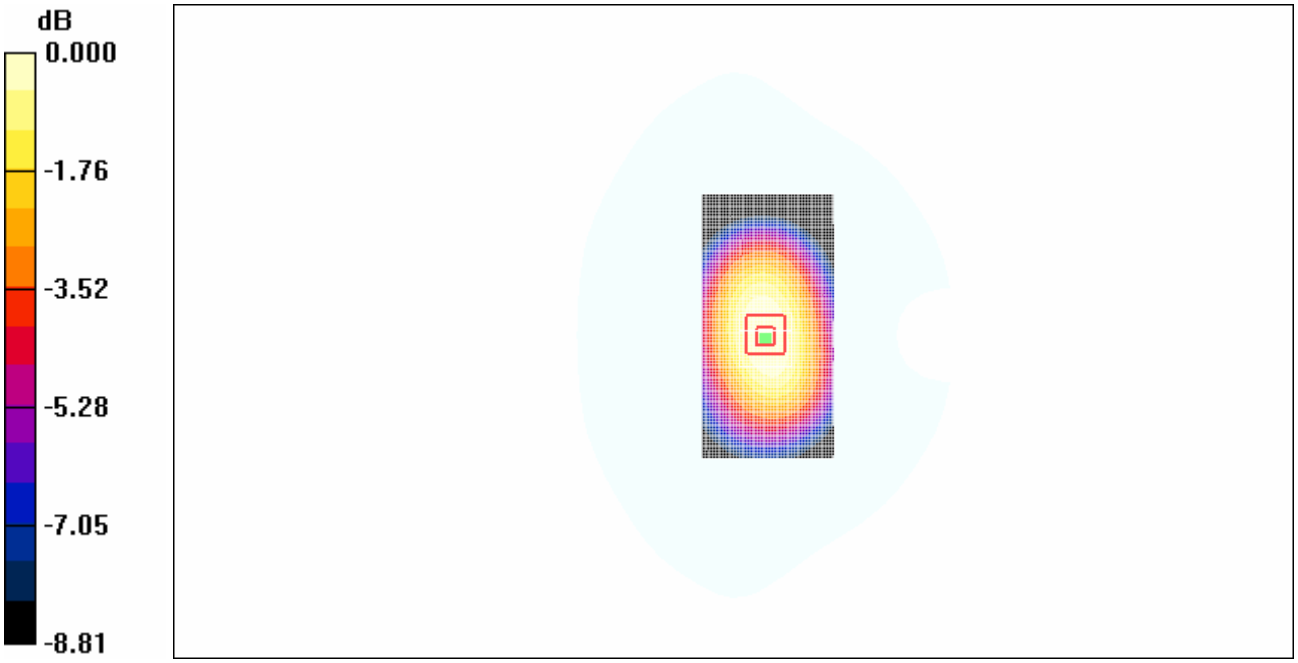
Fig. 218 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH190-slide up)

850 Body Toward Phantom Low with GPRS-slide up

Date/Time: 2008-3-21 15:52:26
Electronics: DAE4 Sn777
Medium: 850 Body
Medium parameters used: f = 825 MHz; σ = 0.96 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

Toward Phantom Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.6 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

Fig. 219 850MHz Body, Towards Phantom with GPRS, CH128-slide up

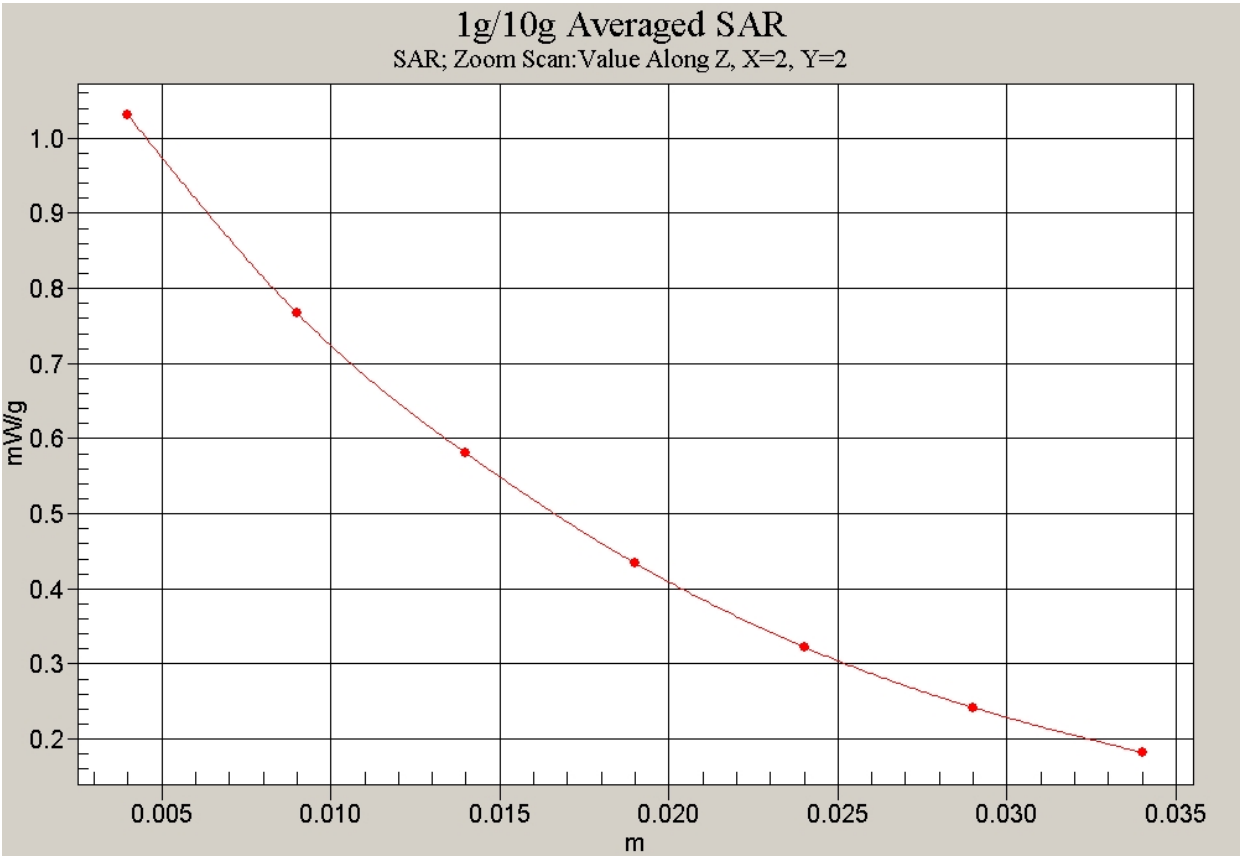


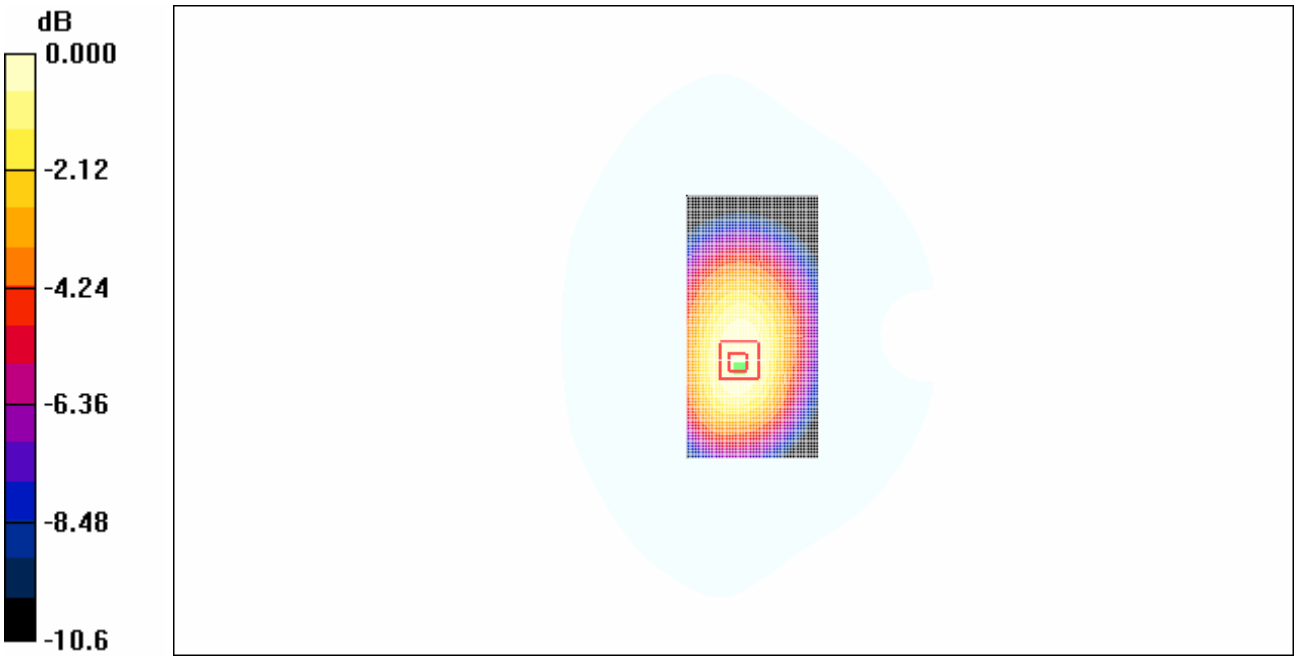
Fig. 220 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH128-slide up)

850 Body Toward Ground Low with EGPRS-slide up

Date/Time: 2008-3-21 16:45:48
Electronics: DAE4 Sn777
Medium: 850 Body
Medium parameters used: f = 825 MHz; σ = 0.96 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

Toward Ground Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.709 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 267 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.886 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.695 mW/g



0 dB = 0.695mW/g

Fig. 221 850MHz Body, Towards Ground with EGPRS, CH128-slide up

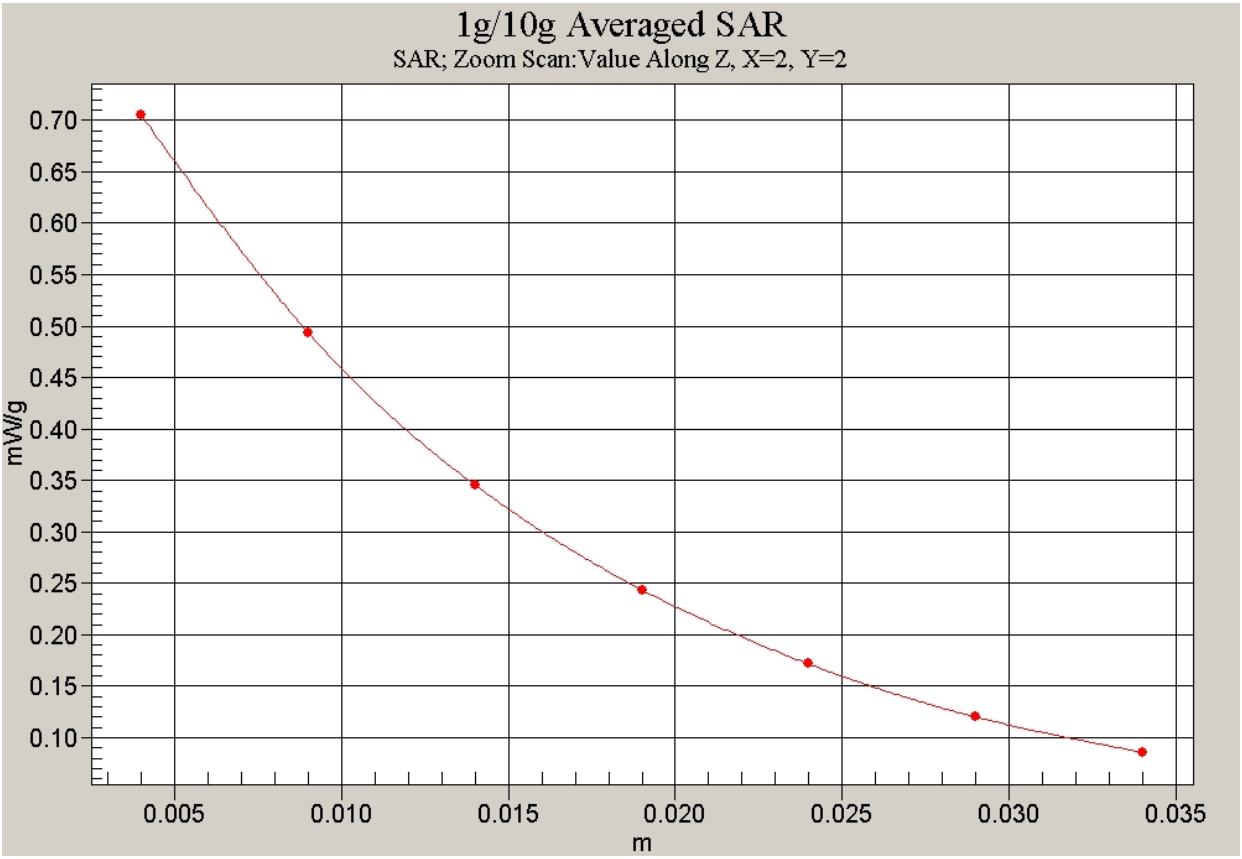


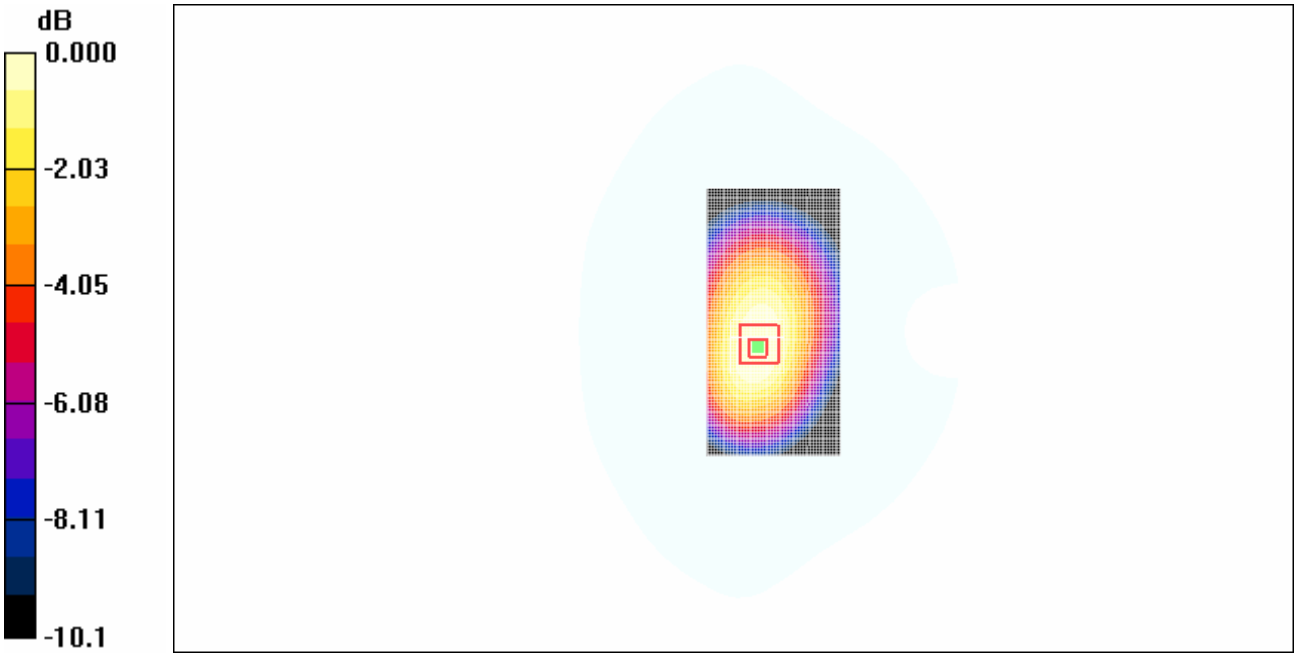
Fig. 222 Z-Scan at power reference point
(850MHz Body, Towards Ground with EGPRS, CH128-slide up)

850 Body Toward Ground Low ith Bluetooth Function-slide up

Date/Time: 2008-3-21 16:58:18
Electronics: DAE4 Sn777
Medium: 850 Body
Medium parameters used: f = 825 MHz; σ = 0.96 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 – SN3142 ConvF(5.66, 5.66, 5.66)

Toward Ground Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.739 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.3 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 0.718 mW/g



0 dB = 0.718mW/g

Fig. 223 850MHz Body, Towards Ground with Bluetooth, CH128-slide up

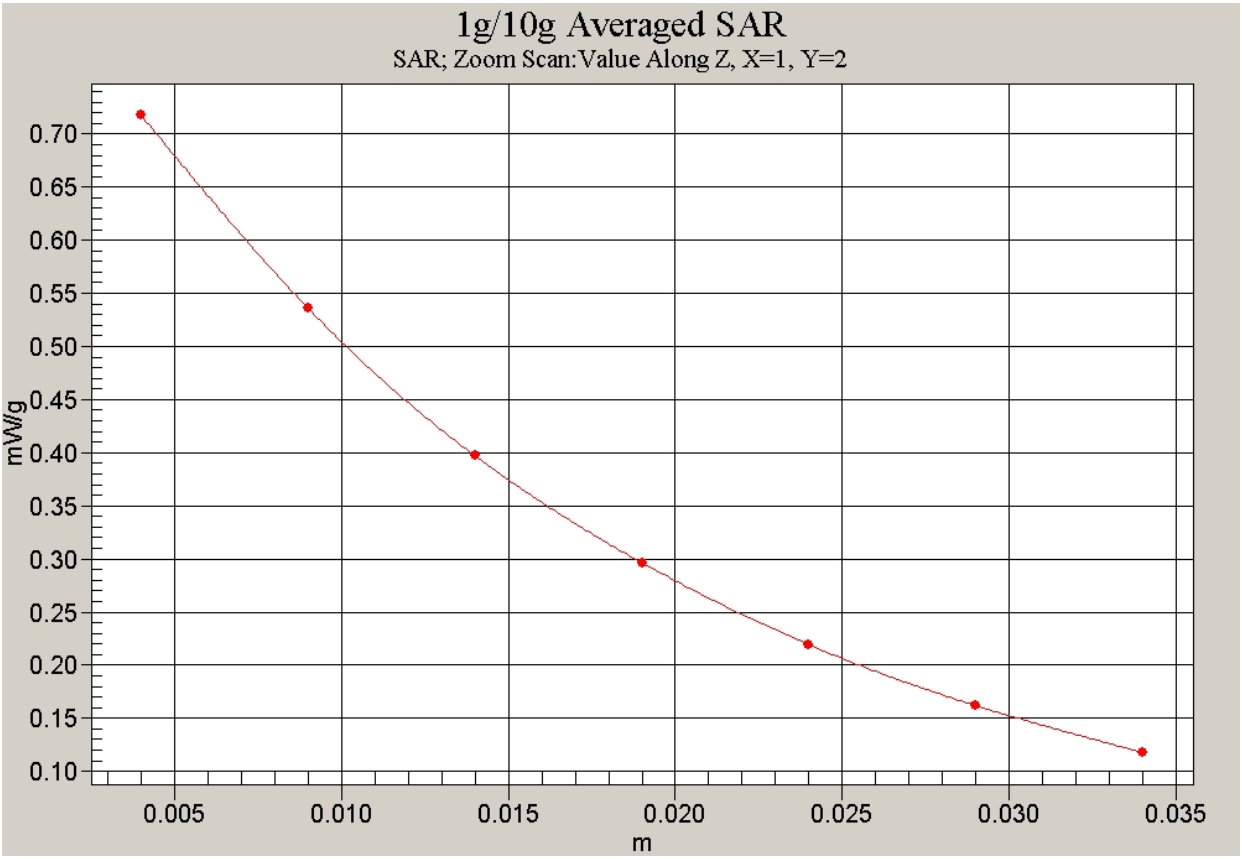


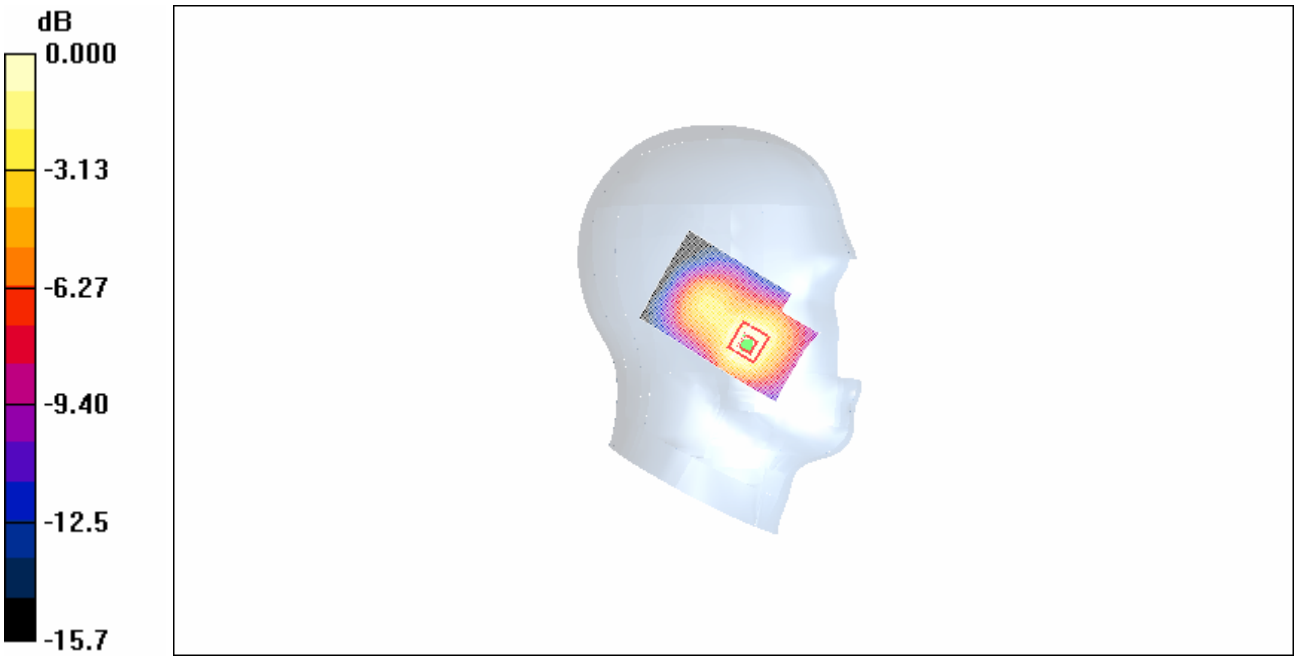
Fig. 224 Z-Scan at power reference point
(850MHz Body, Towards Ground with Bluetooth, CH128-slide up)

1900 Left Cheek High-slide down

Date/Time: 2008-3-22 16:46:14
Electronics: DAE4 Sn777
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz new Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 – SN3142 ConvF(4.87, 4.87, 4.87)

Cheek High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.183 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.50 V/m; Power Drift = 0.200 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.166mW/g

Fig. 225 Left Hand Touch Cheek 1900MHz CH810-slide down

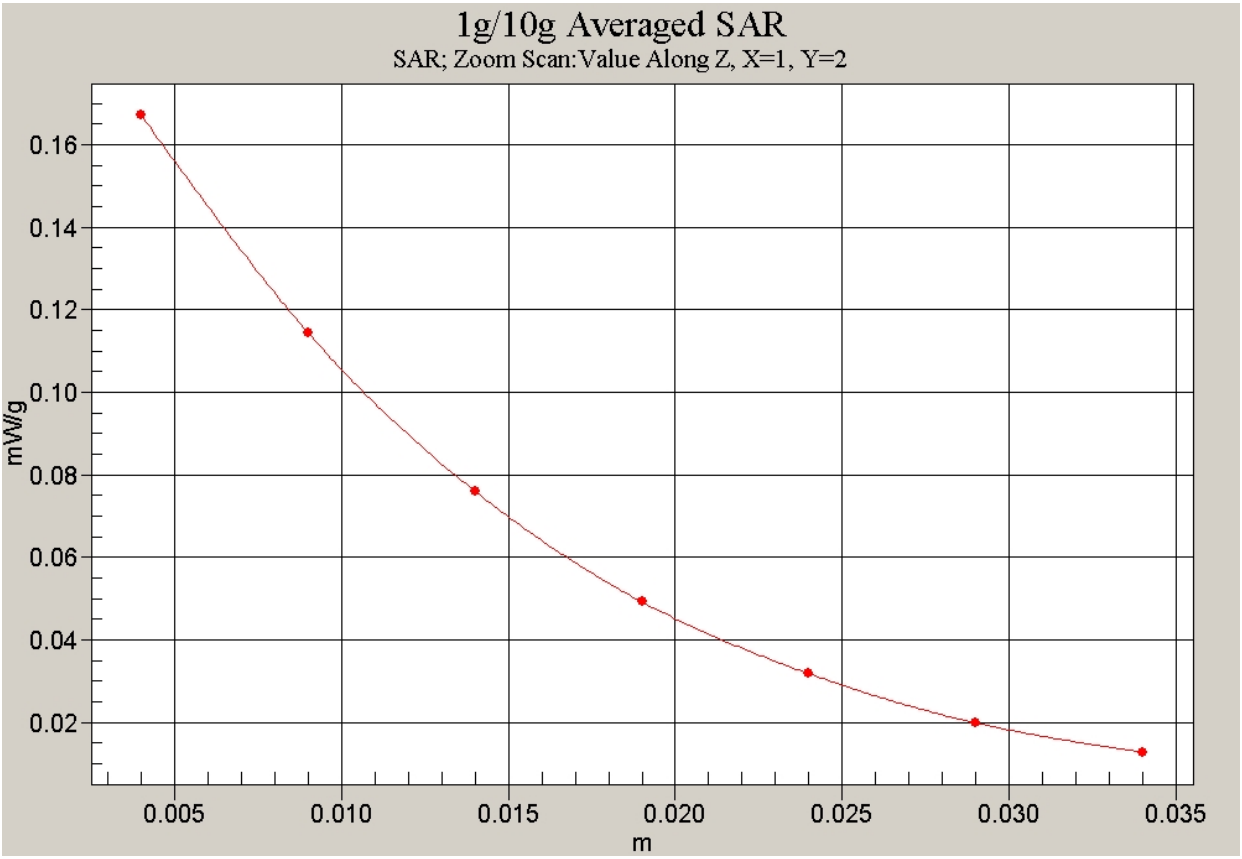


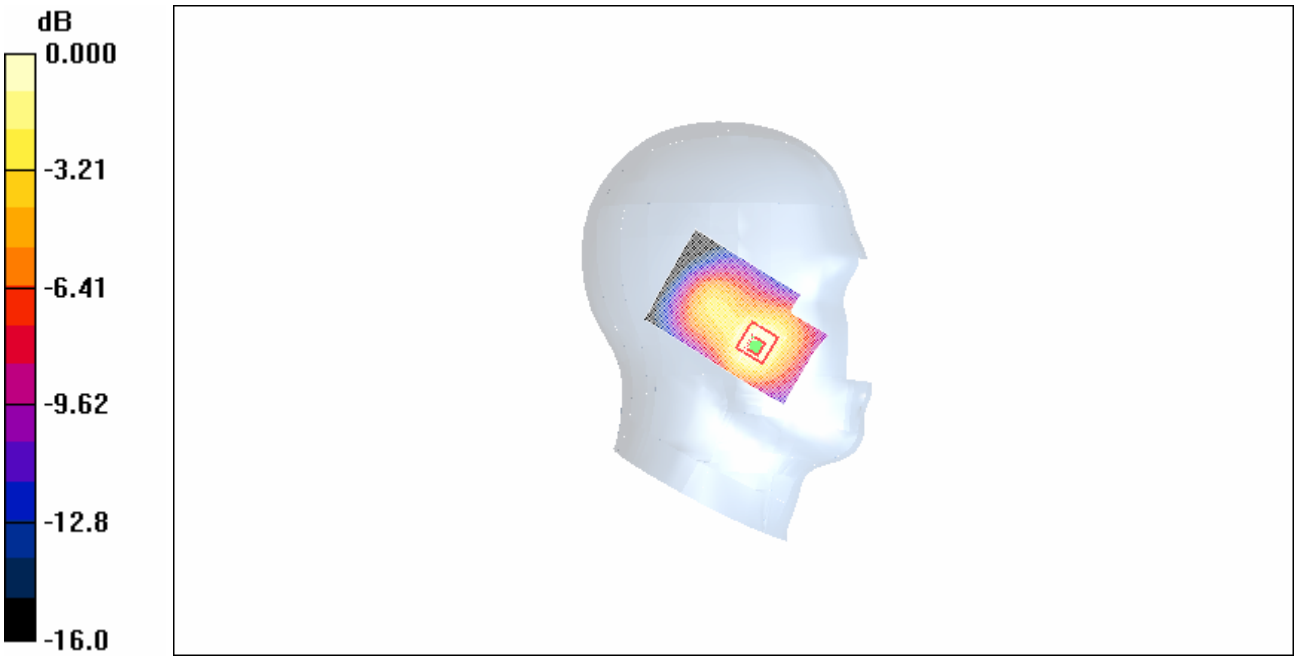
Fig. 226 Z-Scan at power reference point (1900MHz CH810-slide down)

1900 Left Cheek Middle-slide down

Date/Time: 2008-3-22 16:58:14
Electronics: DAE4 Sn777
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 – SN3142 ConvF(4.87, 4.87, 4.87)

Cheek Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.250 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.18 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.227 mW/g



0 dB = 0.227mW/g

Fig. 227 Left Hand Touch Cheek 1900MHz CH661-slide down

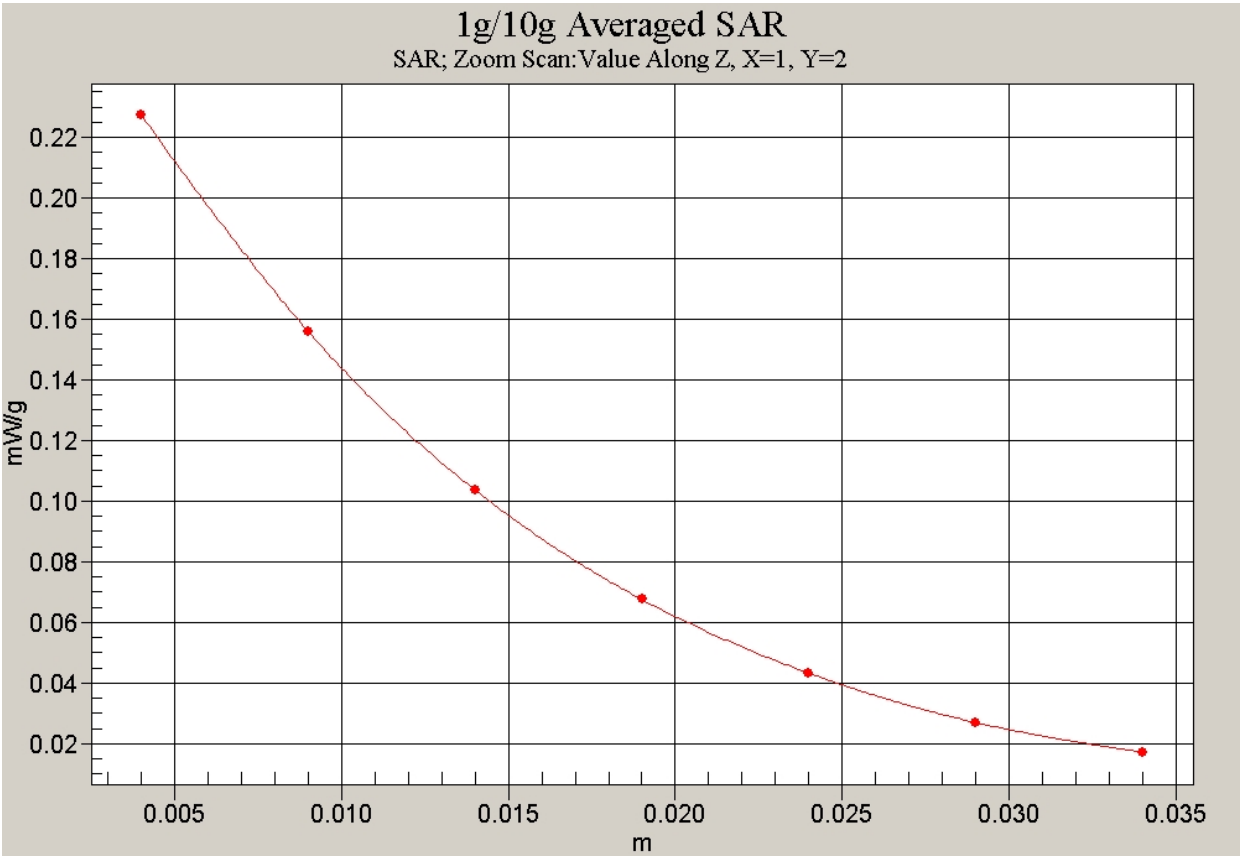


Fig. 228 Z-Scan at power reference point (1900MHz CH661-slide down)

1900 Left Cheek Low-slide down

Date/Time: 2008-3-22 17:12:52

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.32 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 – SN3142 ConvF(4.87, 4.87, 4.87)

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

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

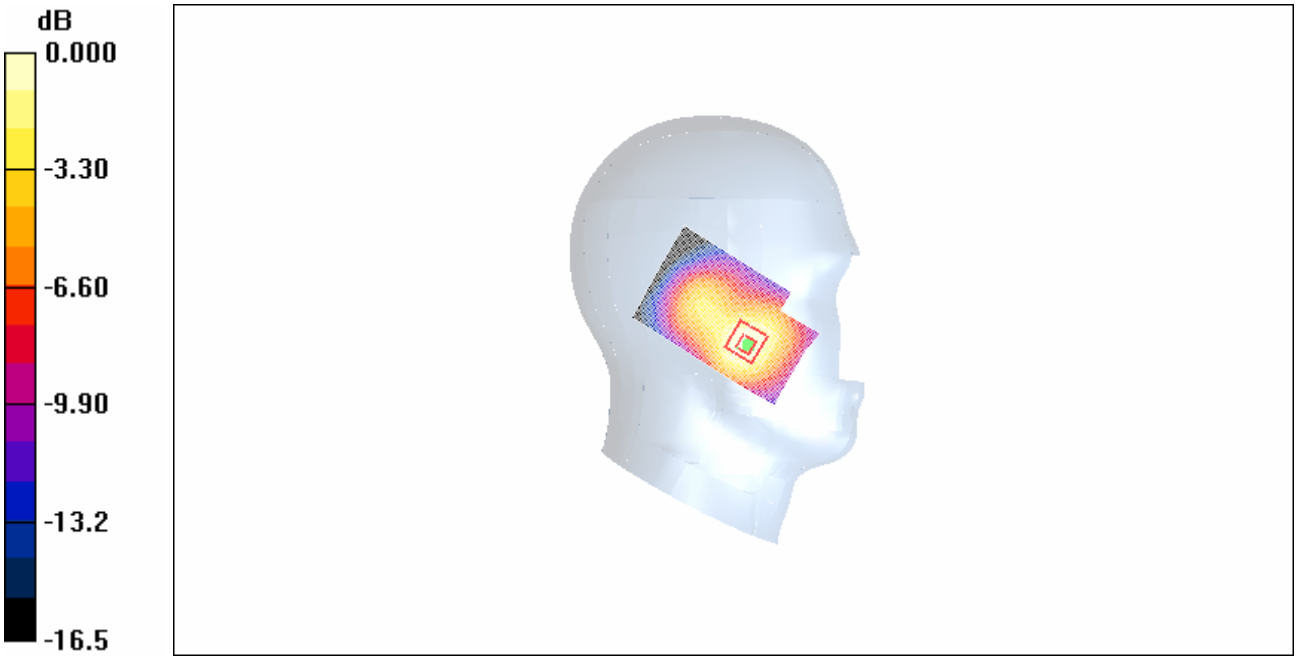
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.65 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.267 mW/g



0 dB = 0.267mW/g

Fig. 229 Left Hand Touch Cheek 1900MHz CH512-slide down

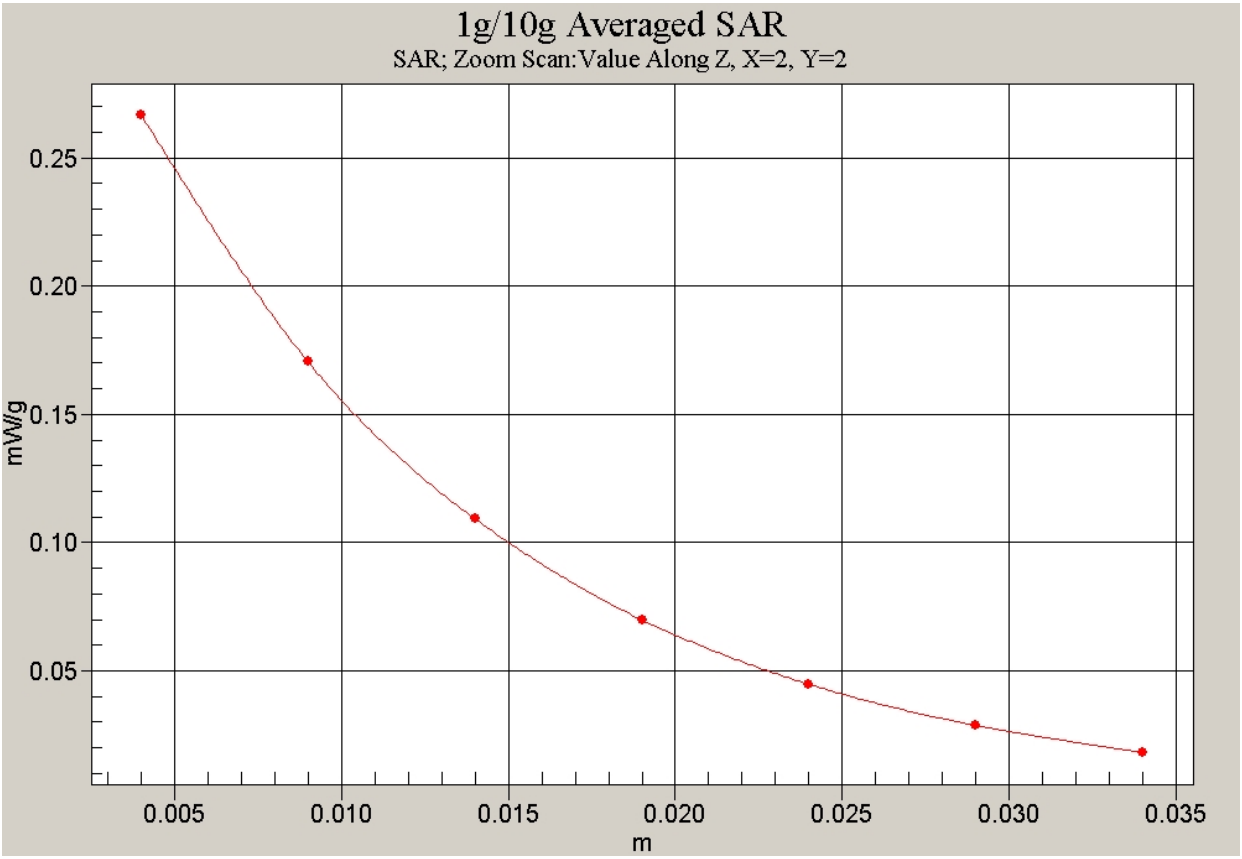


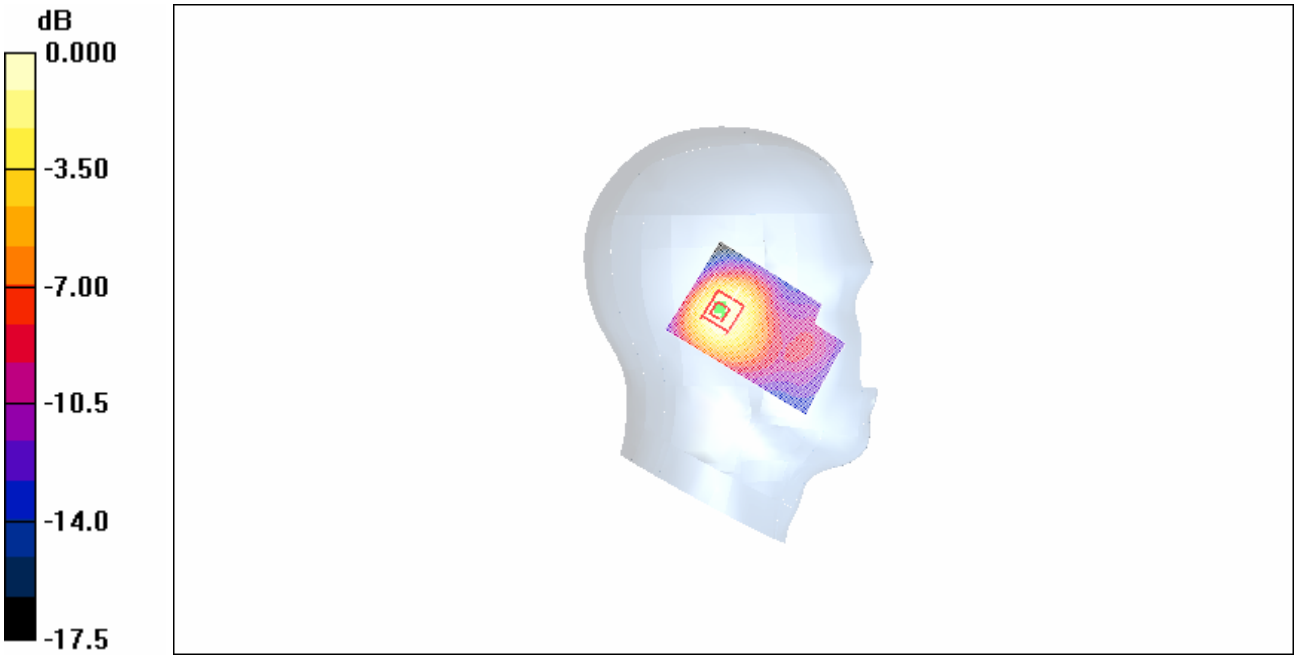
Fig. 230 Z-Scan at power reference point (1900MHz CH512-slide down)

1900 Left Tilt High-slide down

Date/Time: 2008-3-22 17:49:59
Electronics: DAE4 Sn777
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C
Communication System: GSM 1900MHz new Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 – SN3142 ConvF(4.87, 4.87, 4.87)

Tilt High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.132 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.44 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.127 mW/g



0 dB = 0.127mW/g

Fig. 231 Left Hand Tilt 15° 1900MHz CH810-slide down

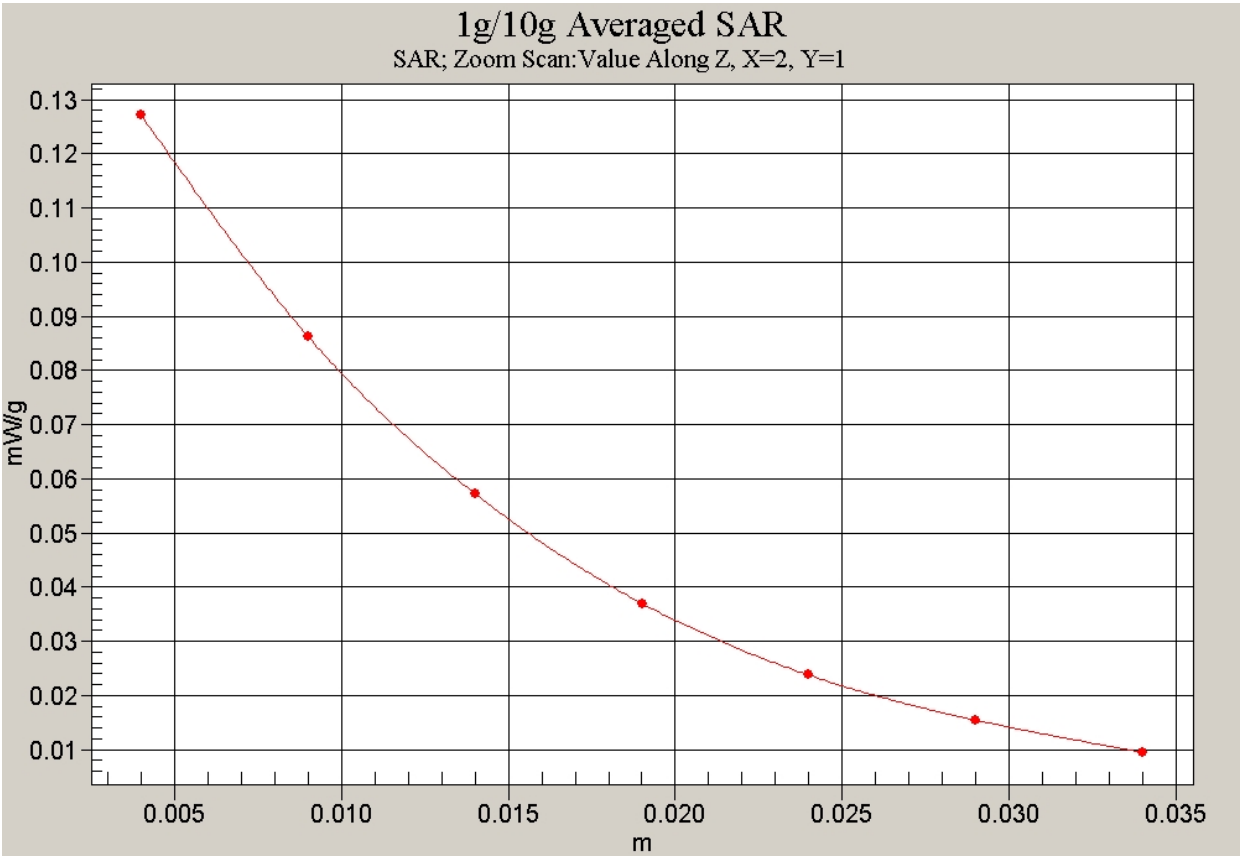


Fig. 232 Z-Scan at power reference point (1900MHz CH810-slide down)