

**Fig. 106 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH128)**

850 Body Toward Phantom High with GPRS

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

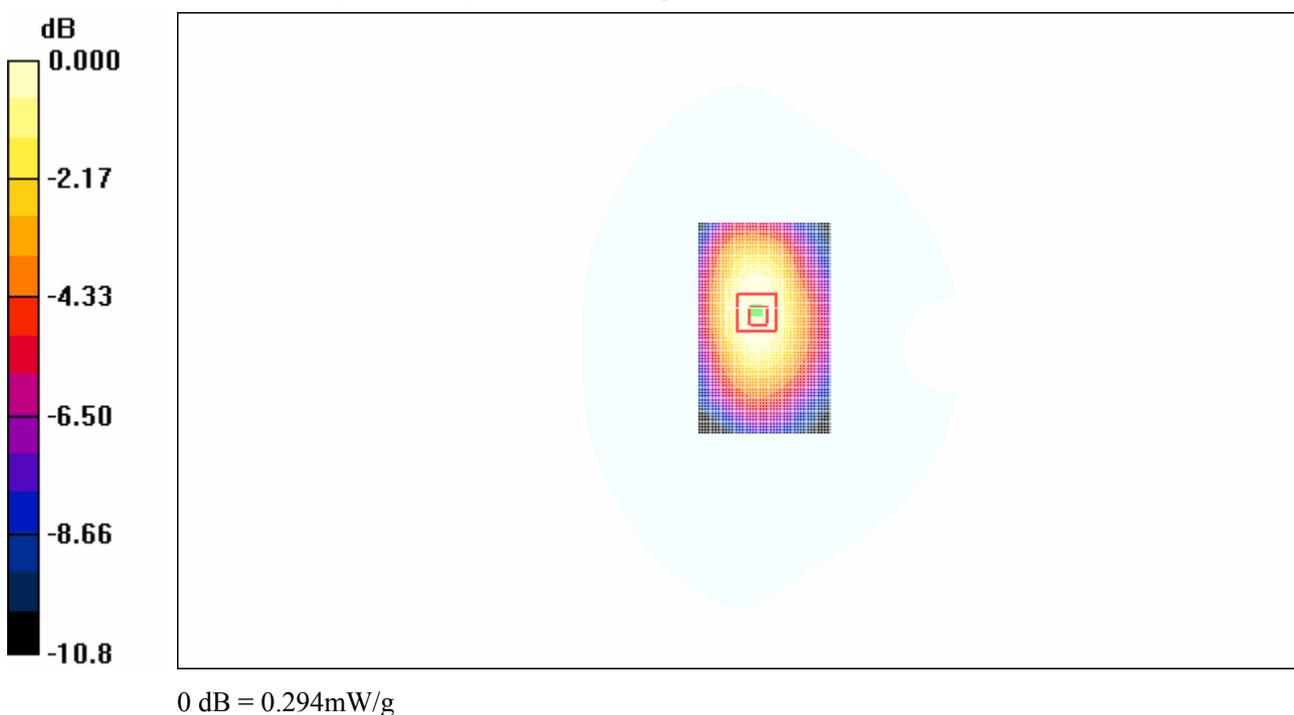
Toward Phantom High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.316 mW/g**Toward Phantom High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

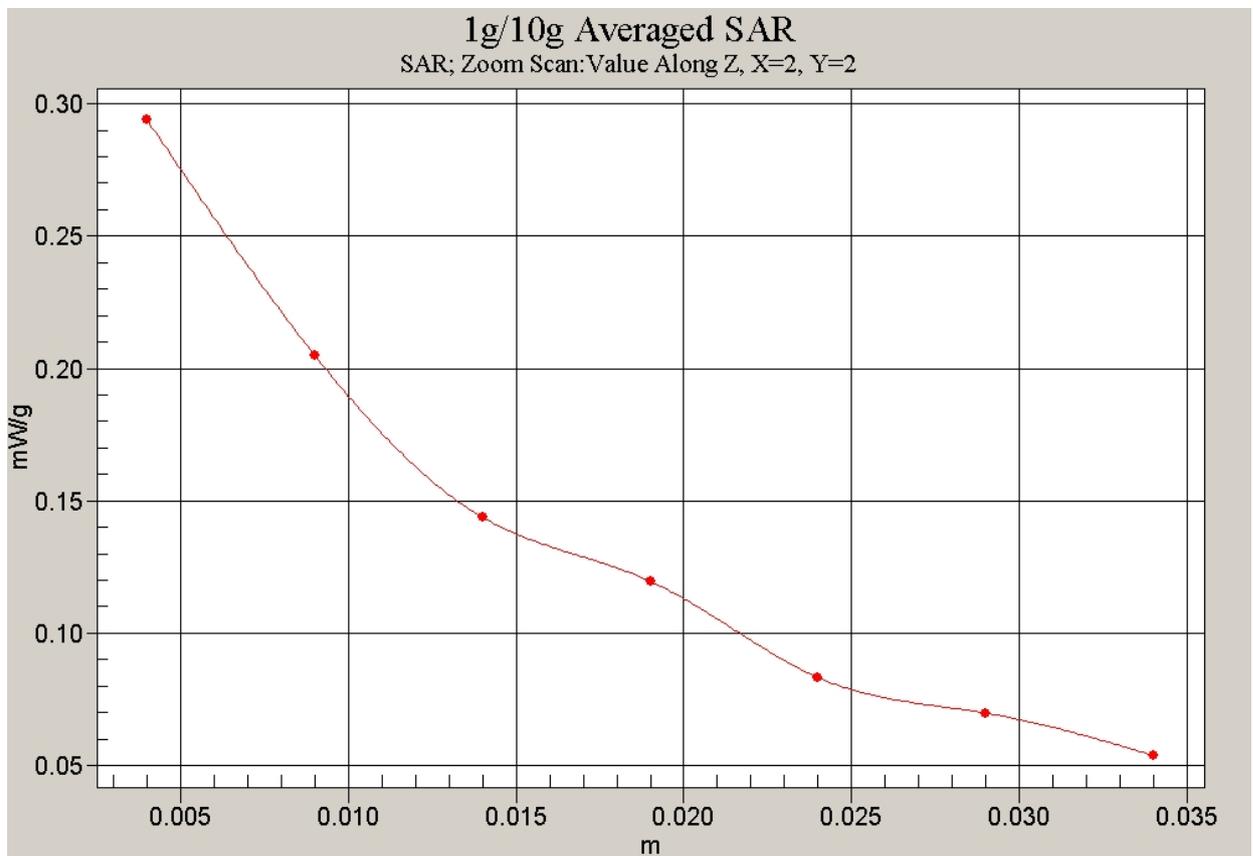
Reference Value = 16.2 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.294 mW/g

**Fig. 107 850MHz Body, Towards Ground with GPRS, CH251**



**Fig. 108 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH251)**

850 Body Toward Phantom Middle with GPRS

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.352 mW/g

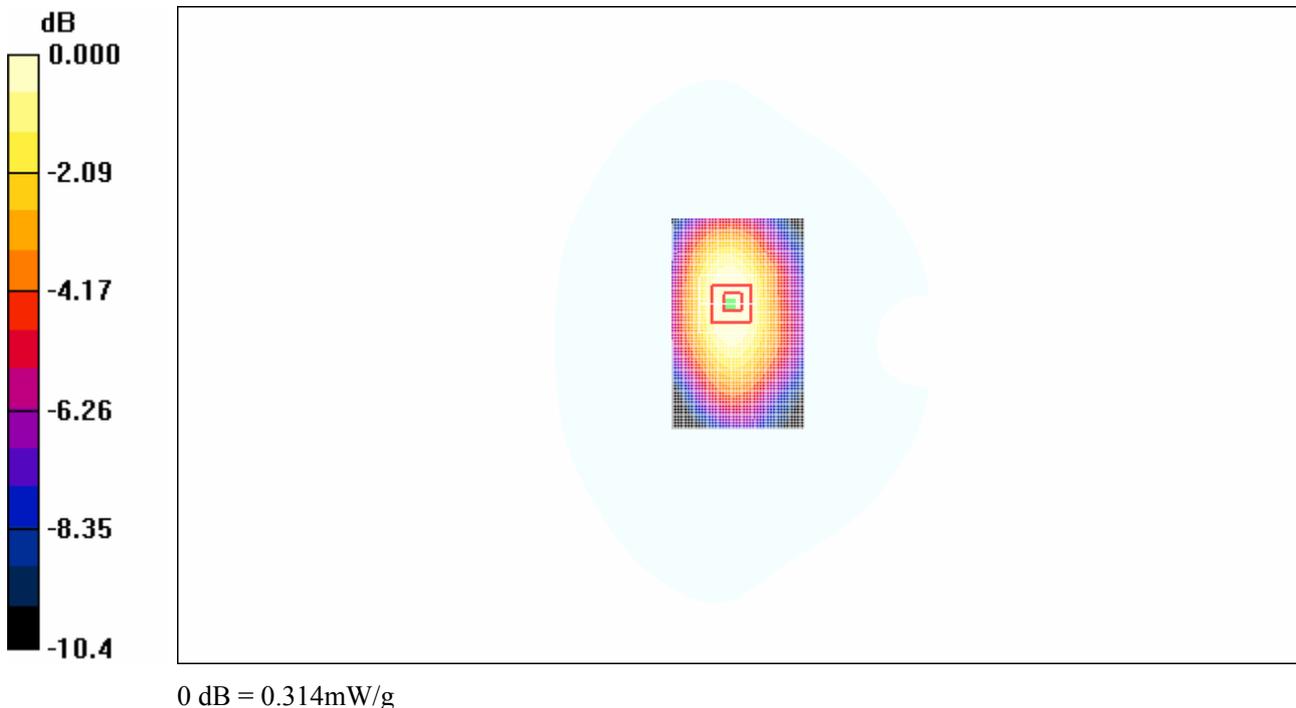
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

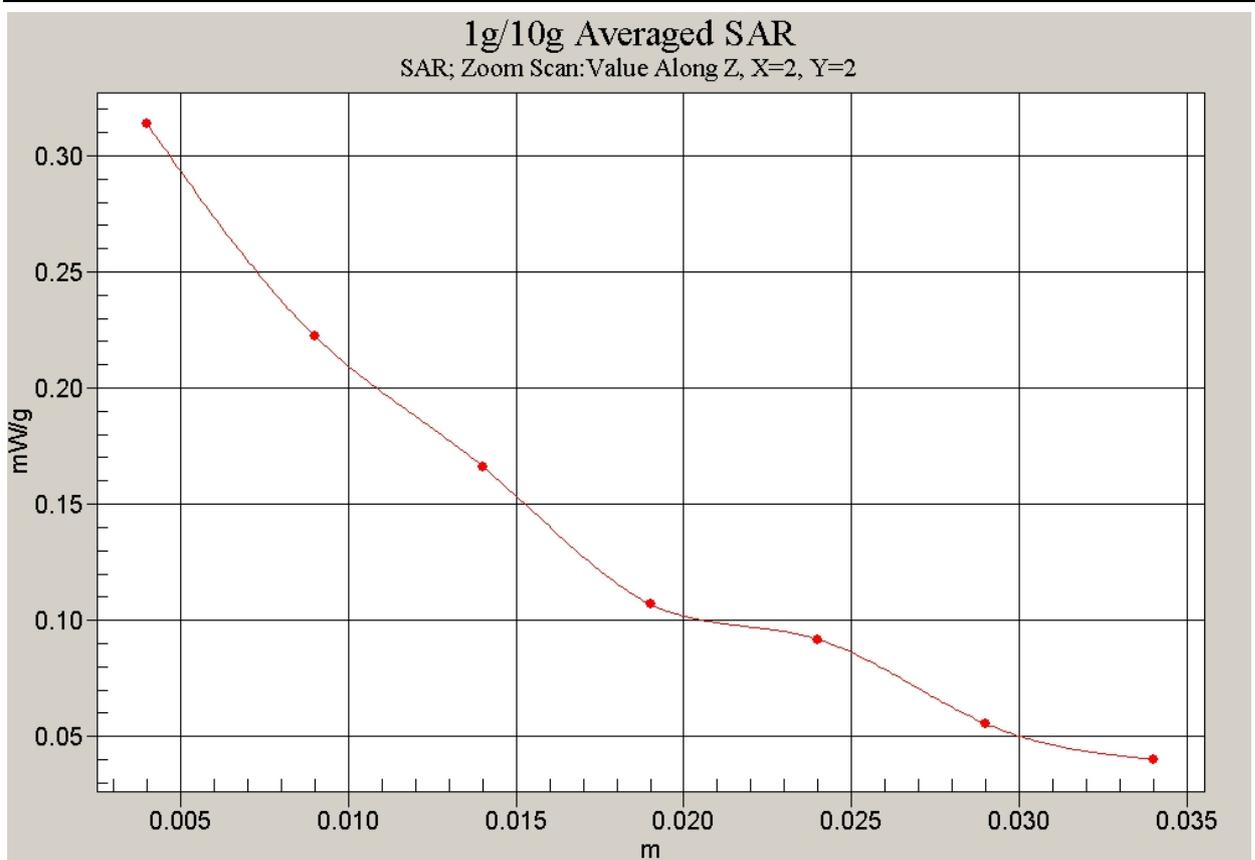
Reference Value = 17.6 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.314 mW/g

**Fig. 109 850MHz Body, Towards Ground with GPRS, CH190**



**Fig. 110 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH190)**

850 Body Toward Phantom Low with GPRS

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

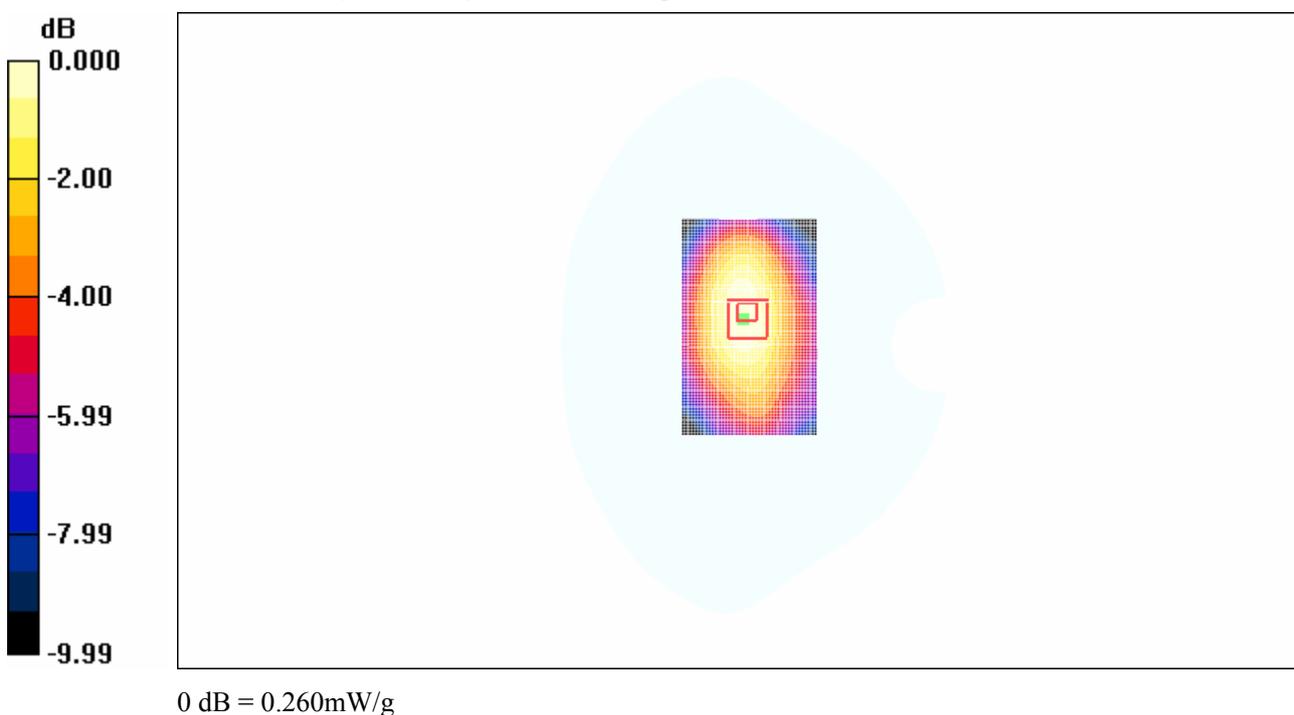
Toward Phantom Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.269 mW/g**Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

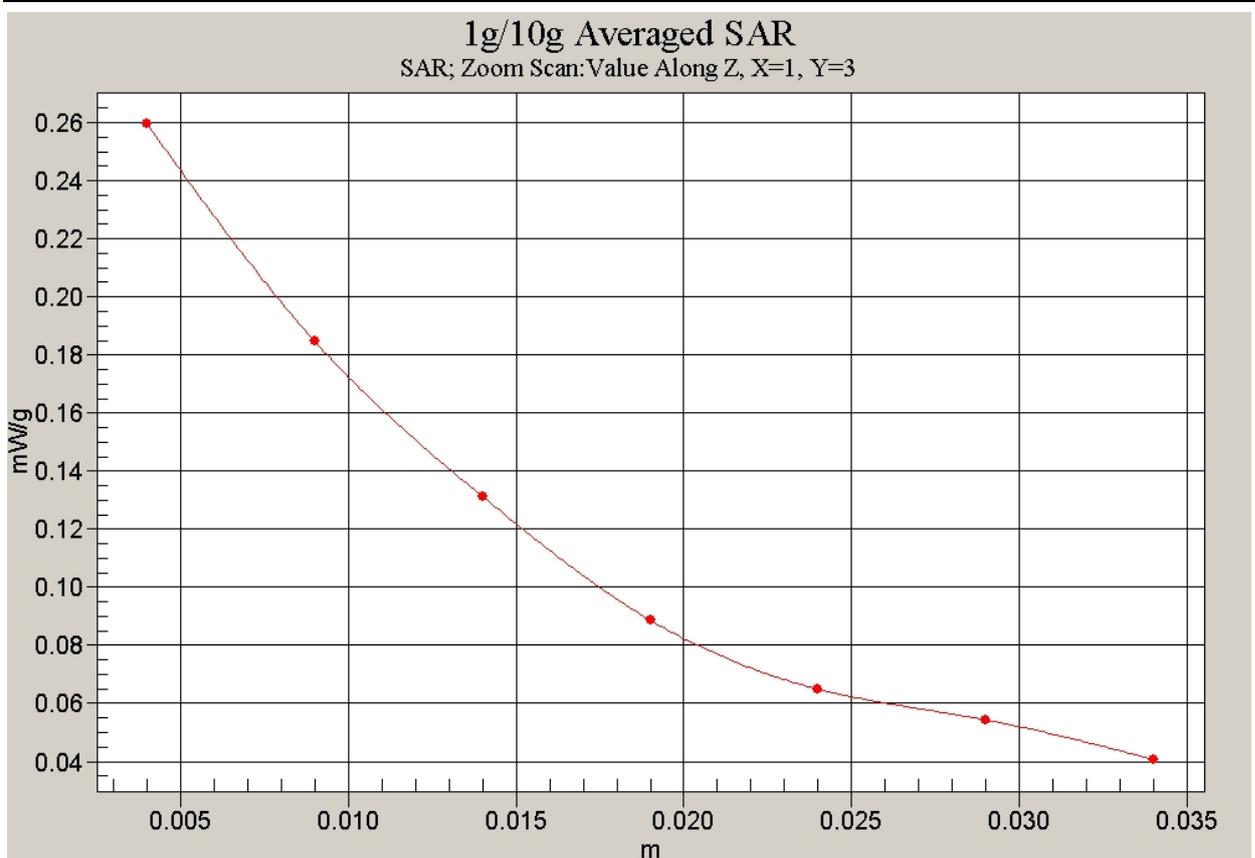
Reference Value = 16.9 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.172 mW/g

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

**Fig. 111 850MHz Body, Towards Ground with GPRS, CH128**



**Fig. 112 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH128)**

850 Body Toward Ground Middle with EGPRS

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.332 mW/g

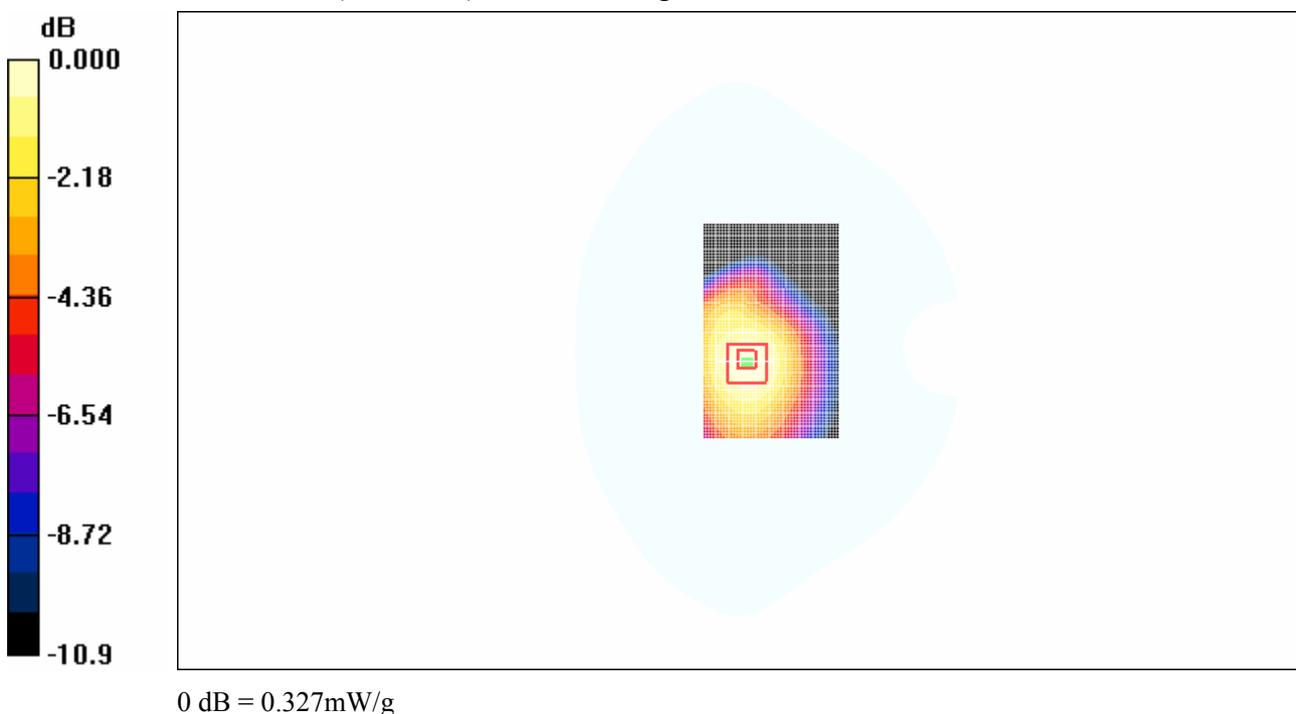
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

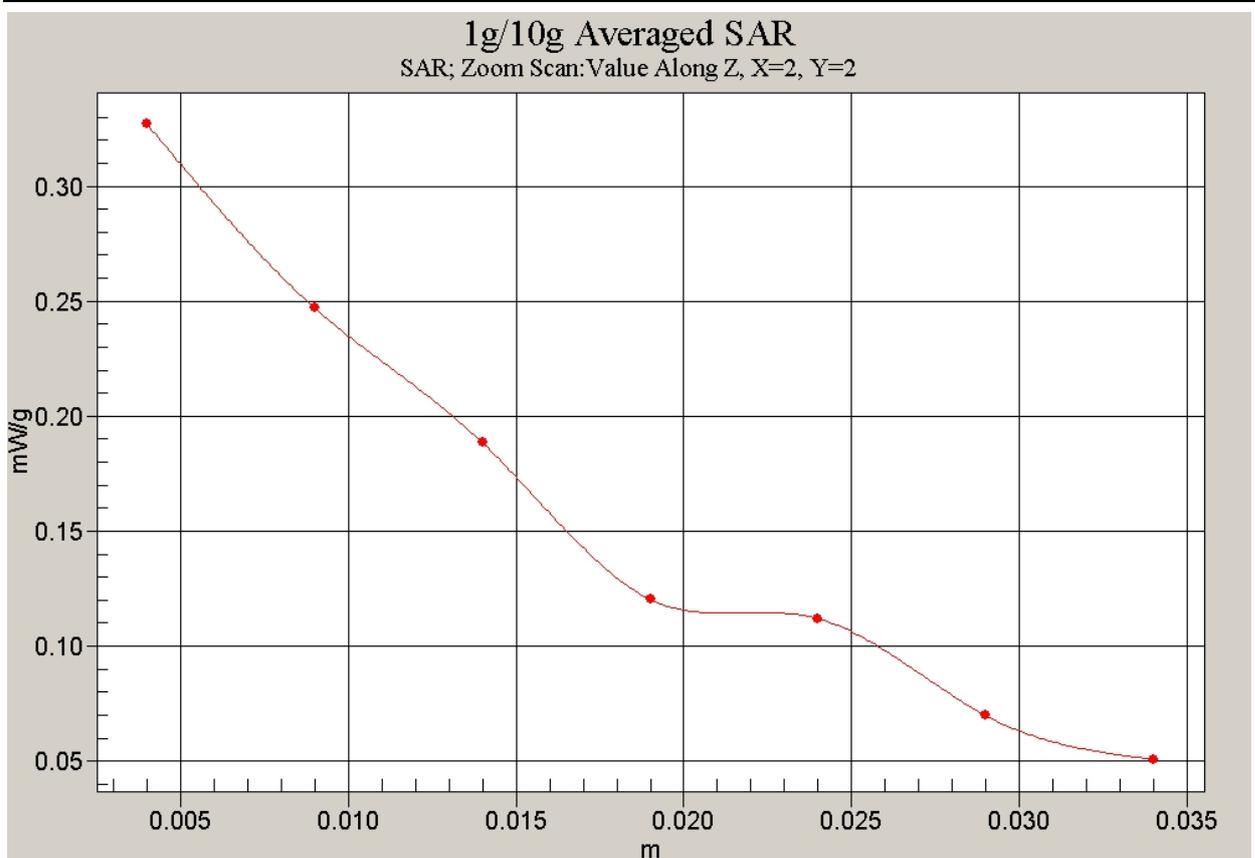
Reference Value = 17.5 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.327 mW/g

**Fig. 113 850MHz Body, Towards Ground with EGPRS, CH190**



**Fig. 114 Z-Scan at power reference point
(850MHz Body, Towards Ground with EGPRS, CH190)**

850 Body Toward Ground High with Bluetooth Function

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.718 mW/g

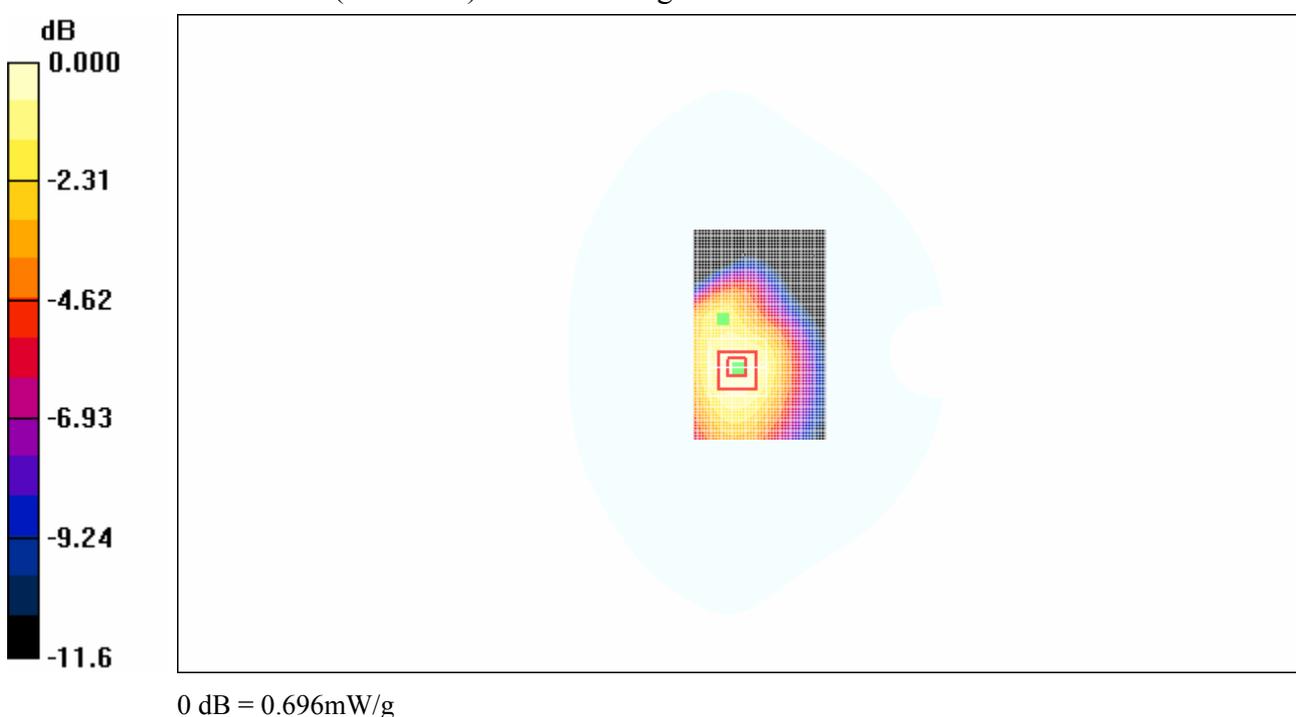
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

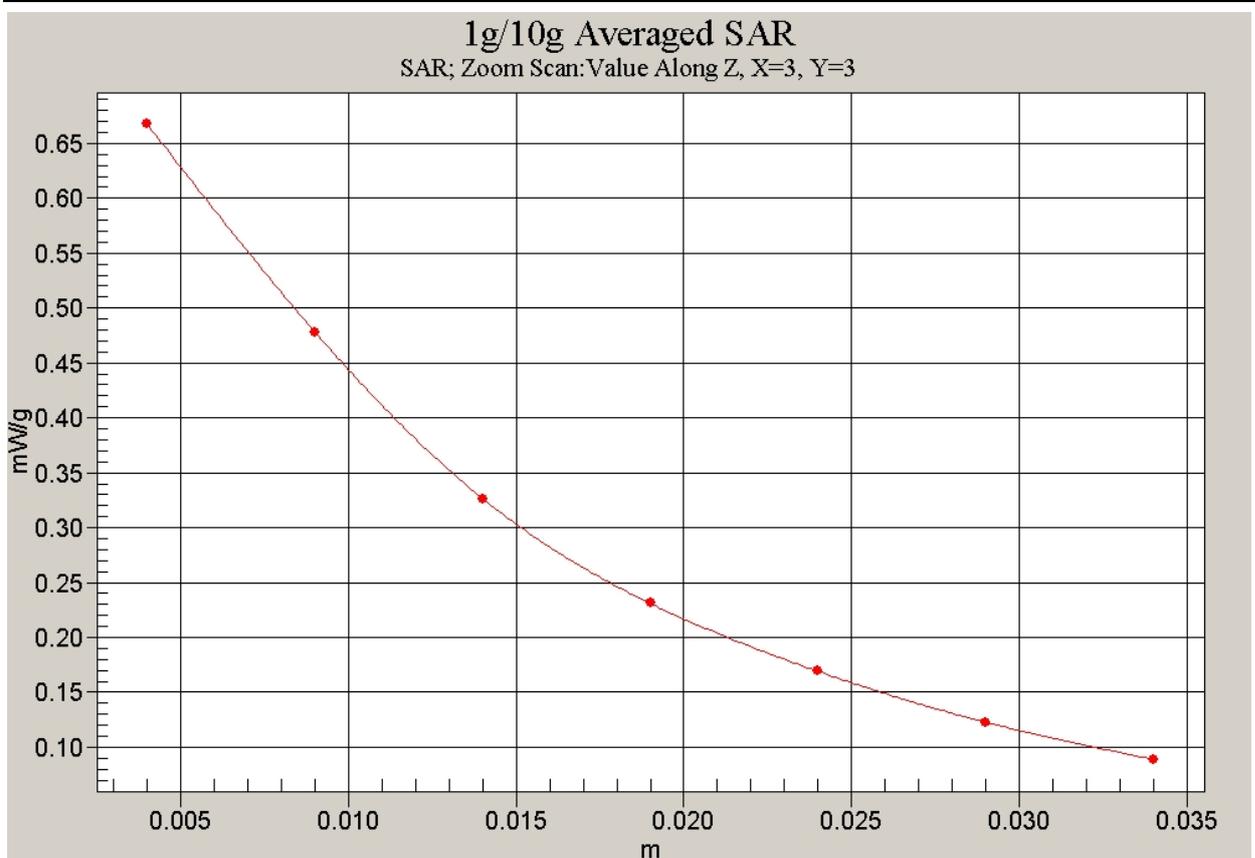
Reference Value = 24.5 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 0.696 mW/g

**Fig. 115 850MHz Body, Towards Ground with Bluetooth, CH190**



**Fig. 116 Z-Scan at power reference point
(850MHz Body, Towards Ground with Bluetooth, CH190)**

1900 Left Cheek High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.323 mW/g

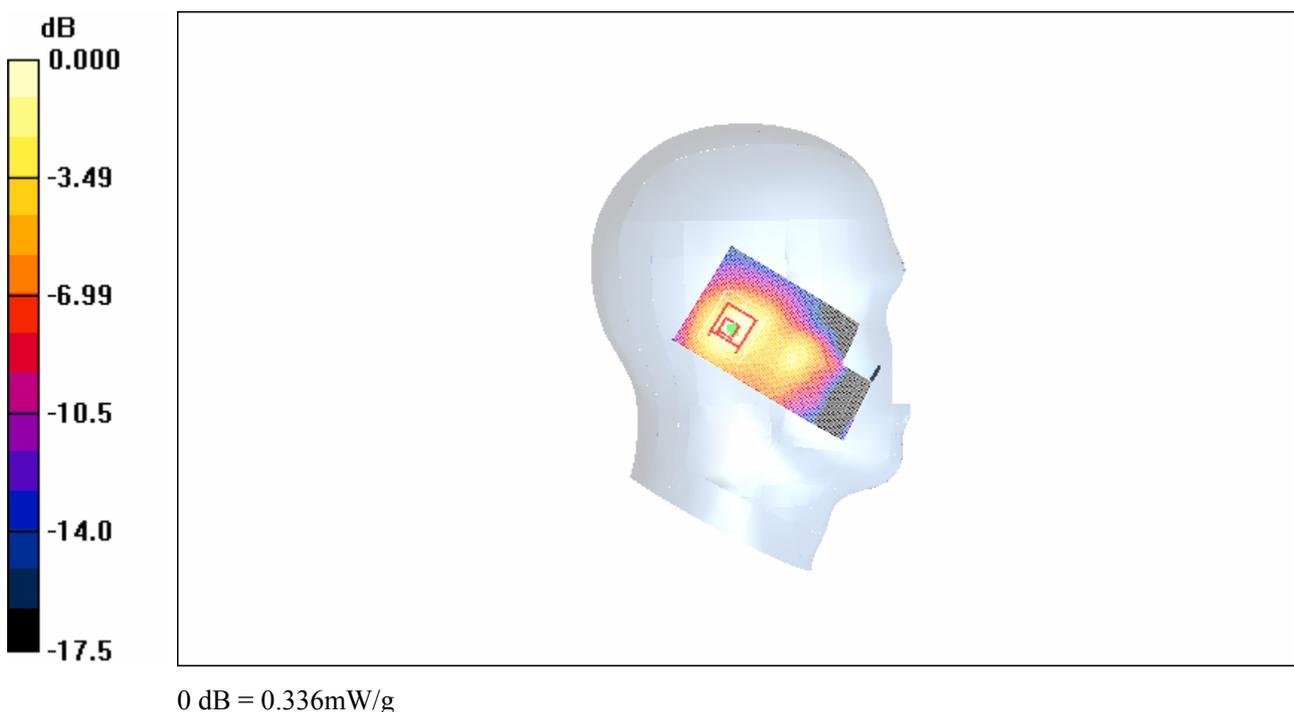
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.336 mW/g

**Fig. 117 Left Hand Touch Cheek 1900MHz CH810**

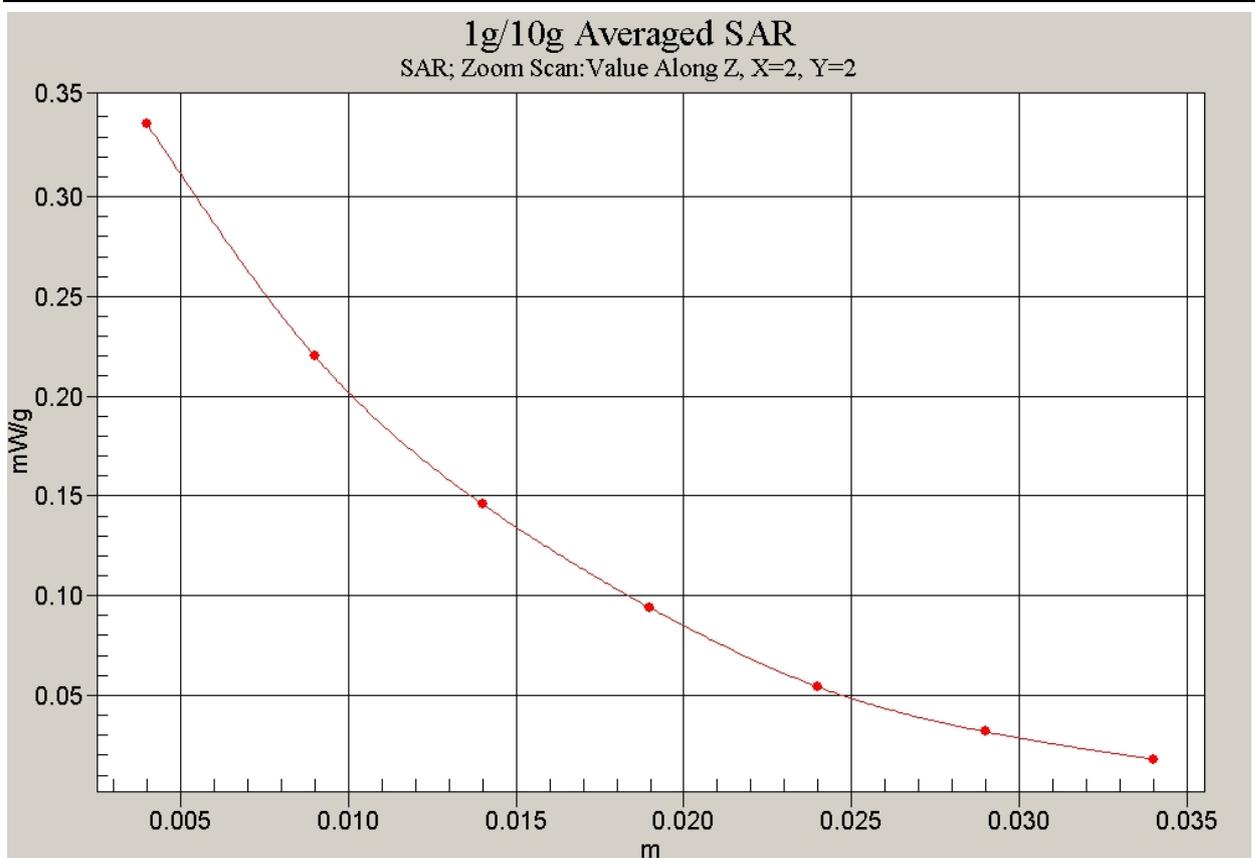


Fig. 118 Z-Scan at power reference point (1900MHz CH810)

1900 Left Cheek Middle

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.312 mW/g

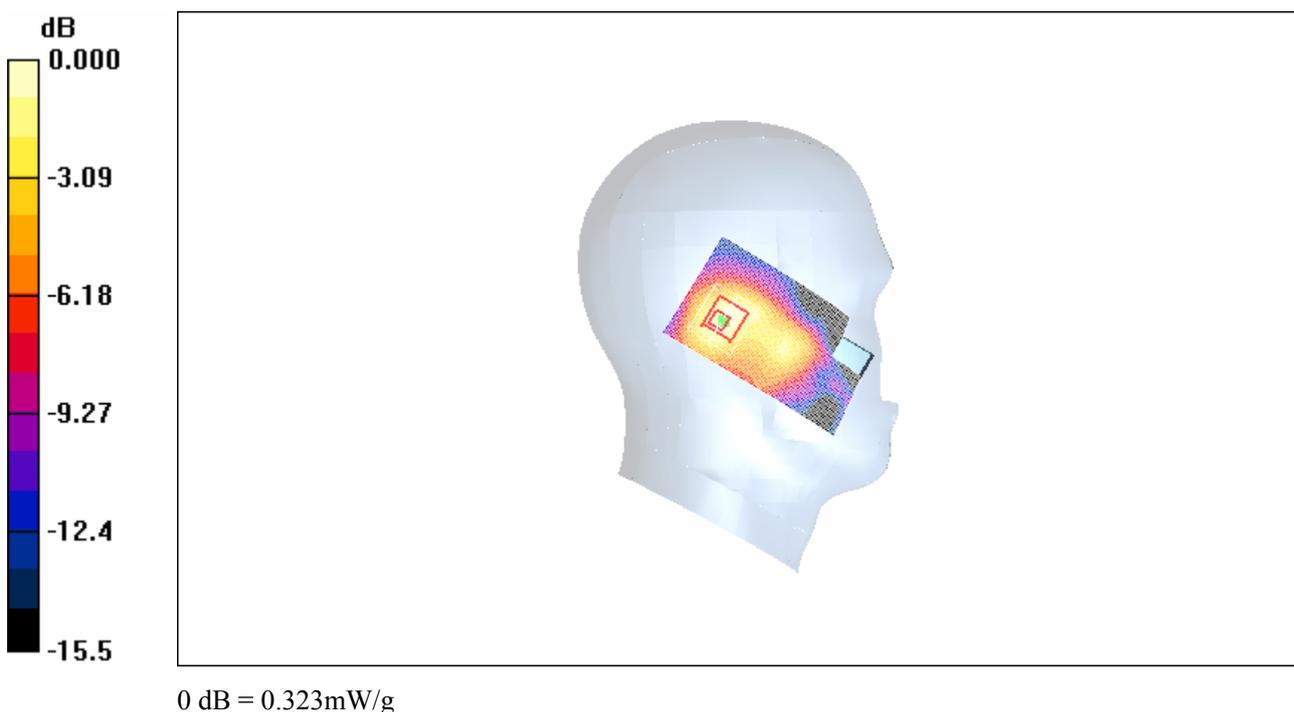
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.323 mW/g

**Fig. 119 Left Hand Touch Cheek 1900MHz CH661**

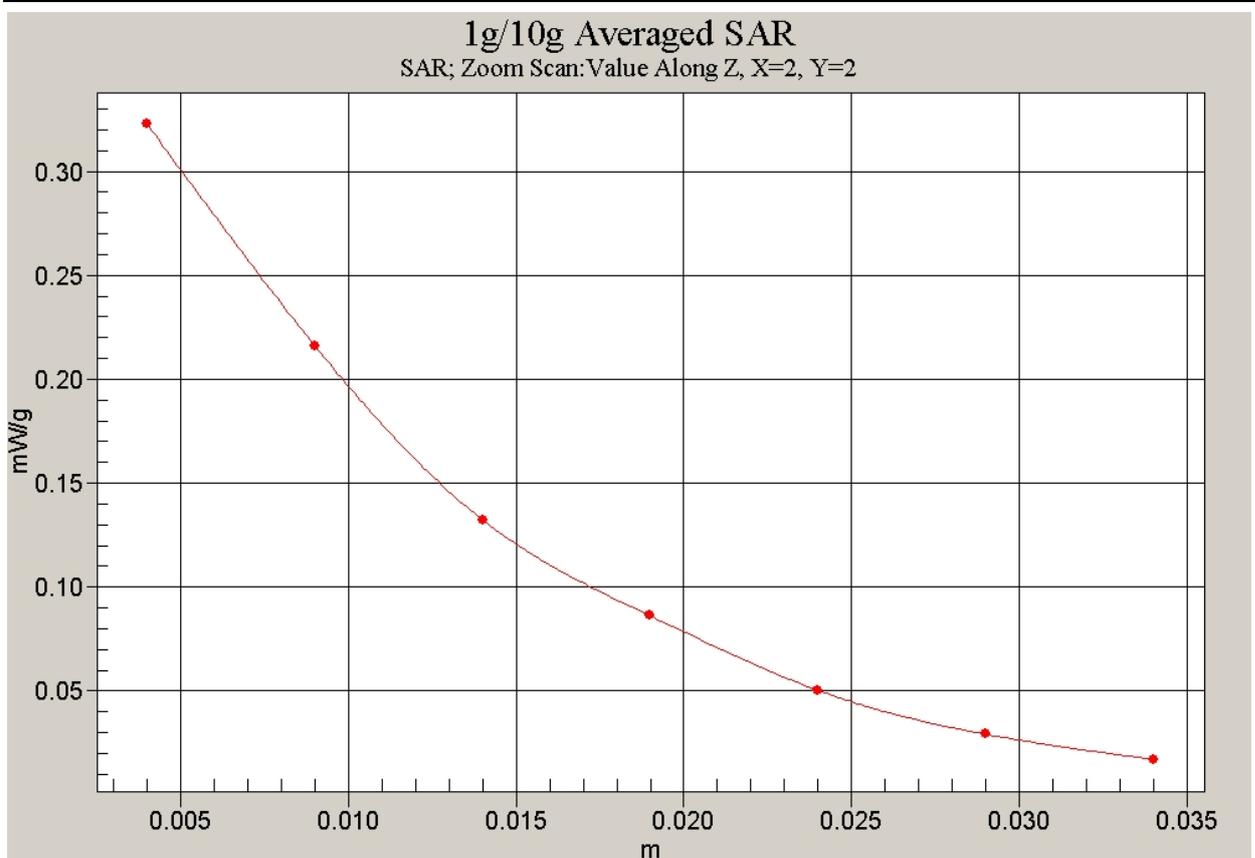


Fig. 120 Z-Scan at power reference point (1900MHz CH661)

1900 Left Cheek Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

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

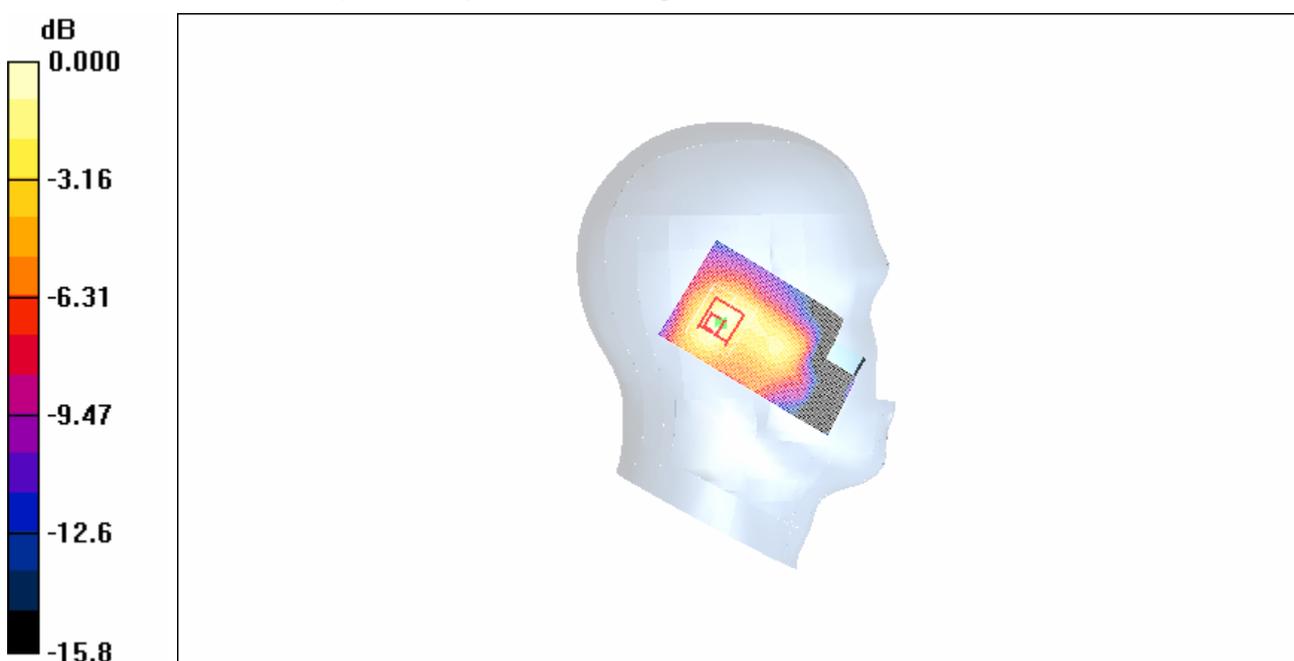
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.134 mW/g

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



0 dB = 0.251mW/g

Fig. 121 Left Hand Touch Cheek 1900MHz CH512

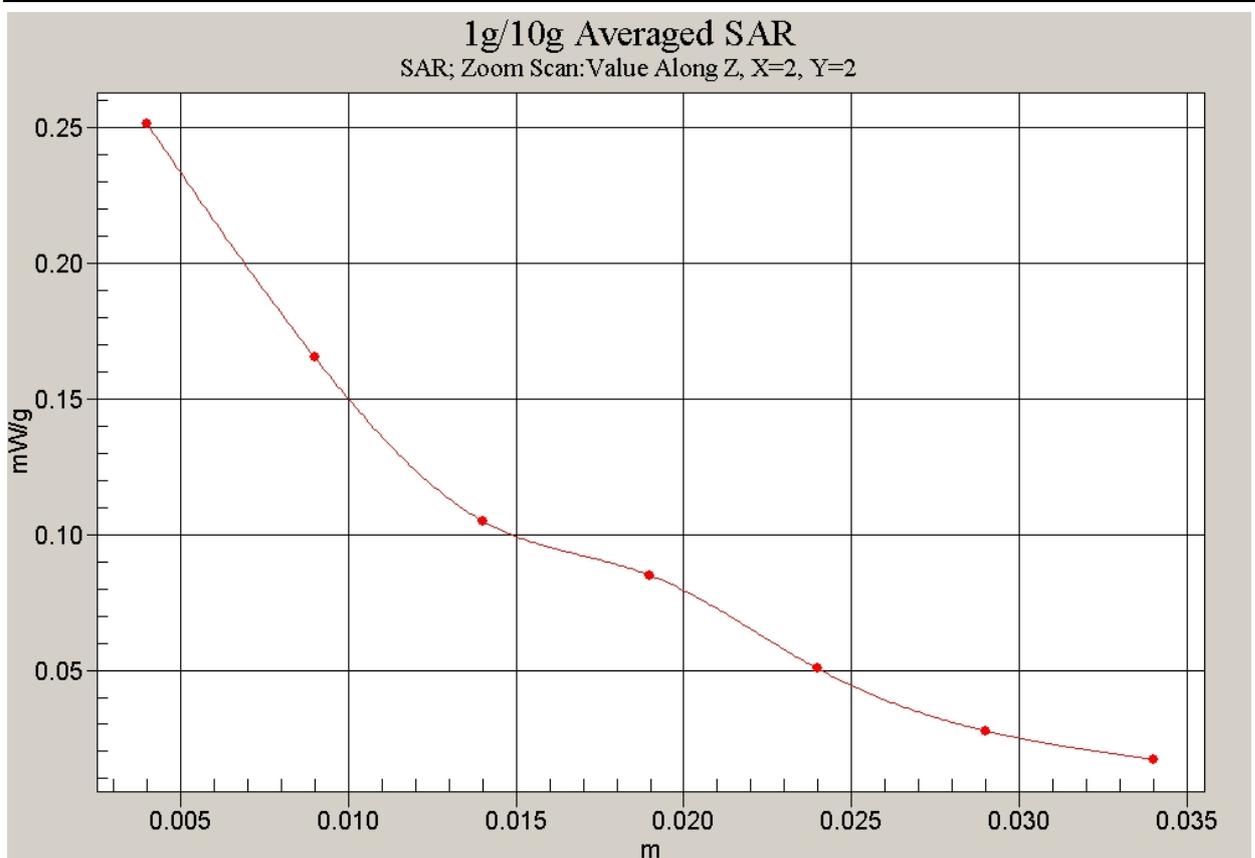


Fig. 122 Z-Scan at power reference point (1900MHz CH512)

1900 Left Tilt High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.471 mW/g

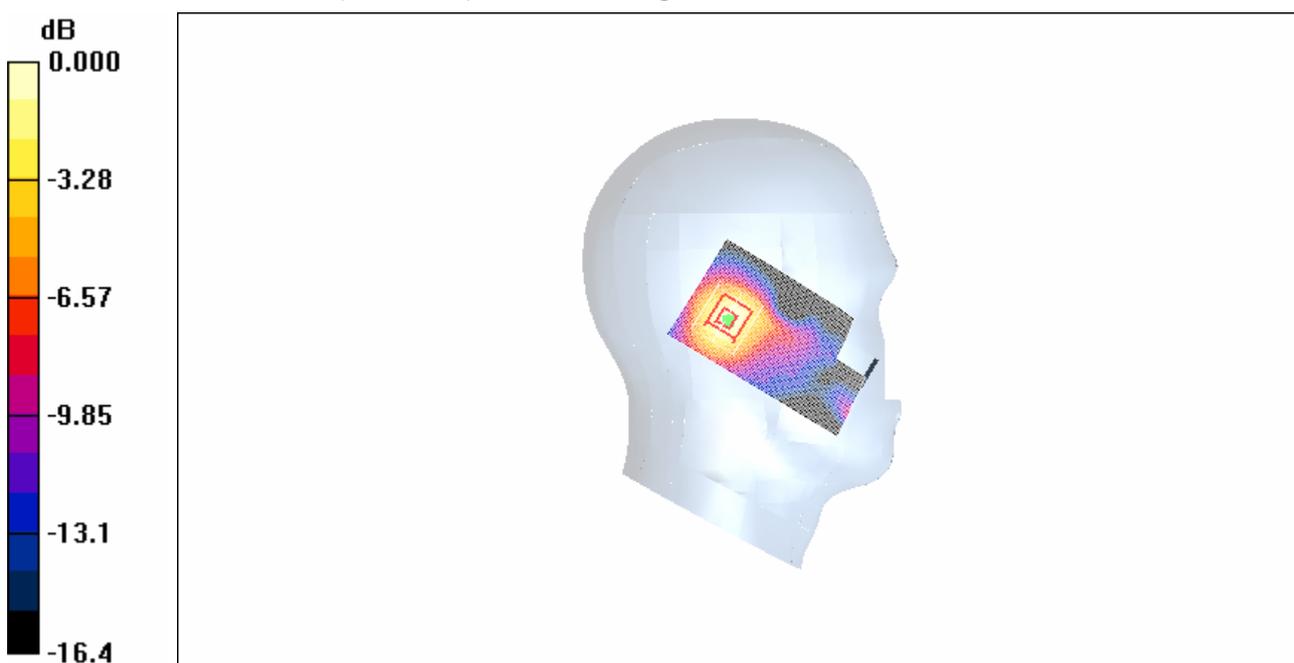
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.453 mW/g

**Fig. 123 Left Hand Tilt 15° 1900MHz CH810**

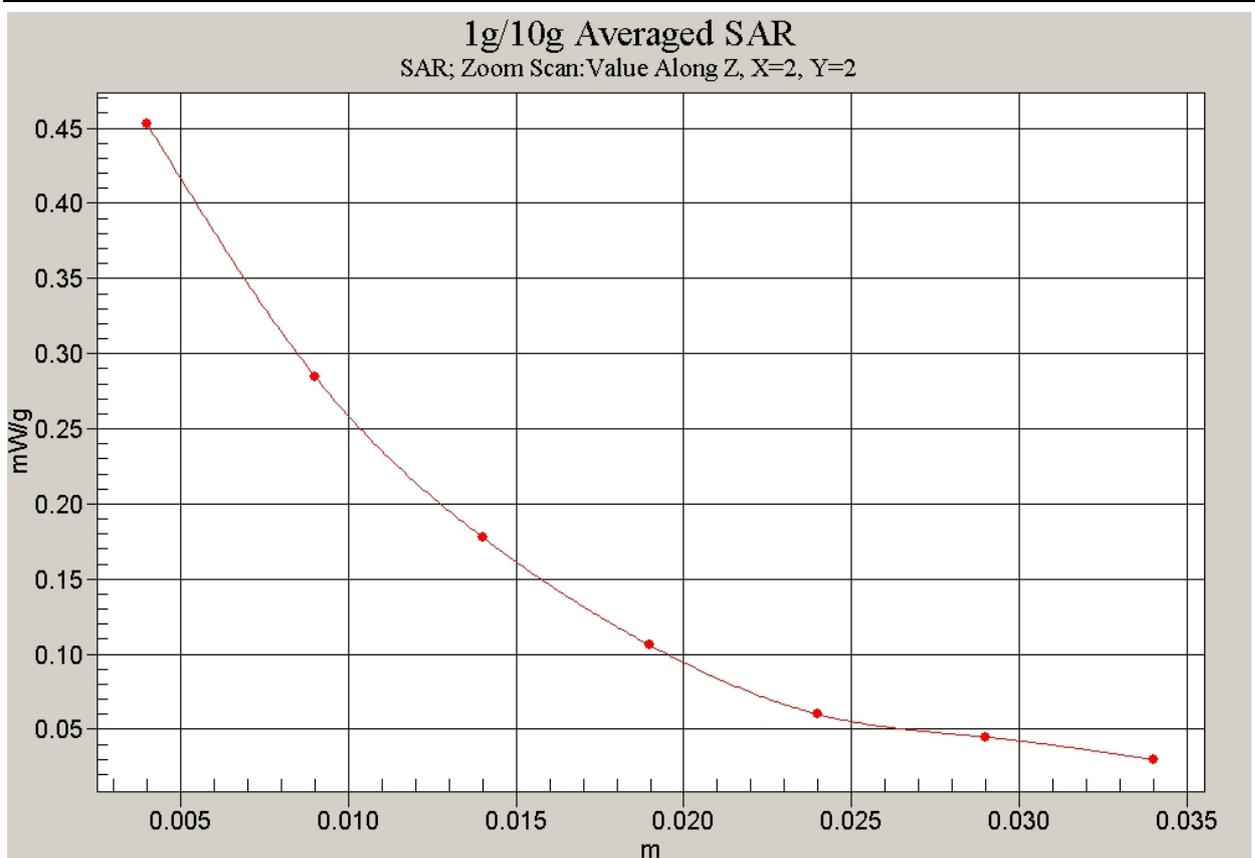


Fig. 124 Z-Scan at power reference point (1900MHz CH810)

1900 Left Tilt Middle

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.451 mW/g

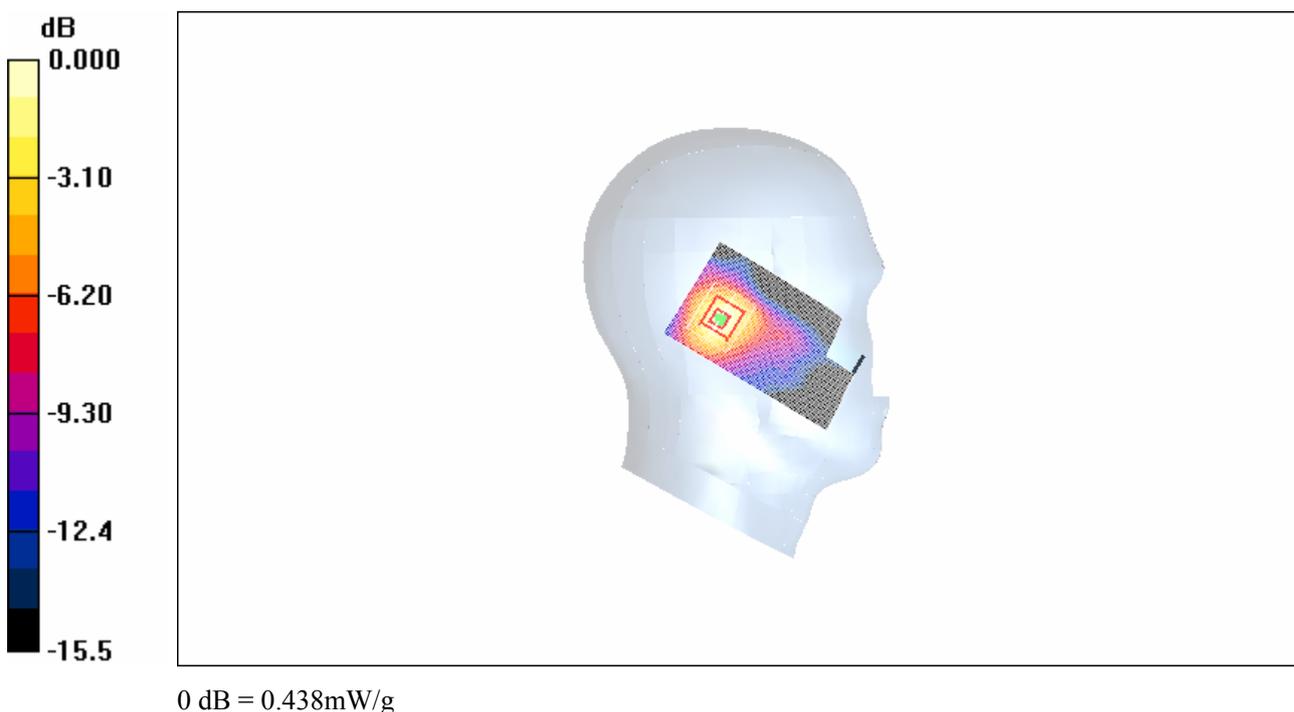
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.438 mW/g

**Fig. 125 Left Hand Tilt 15° 1900MHz CH661**

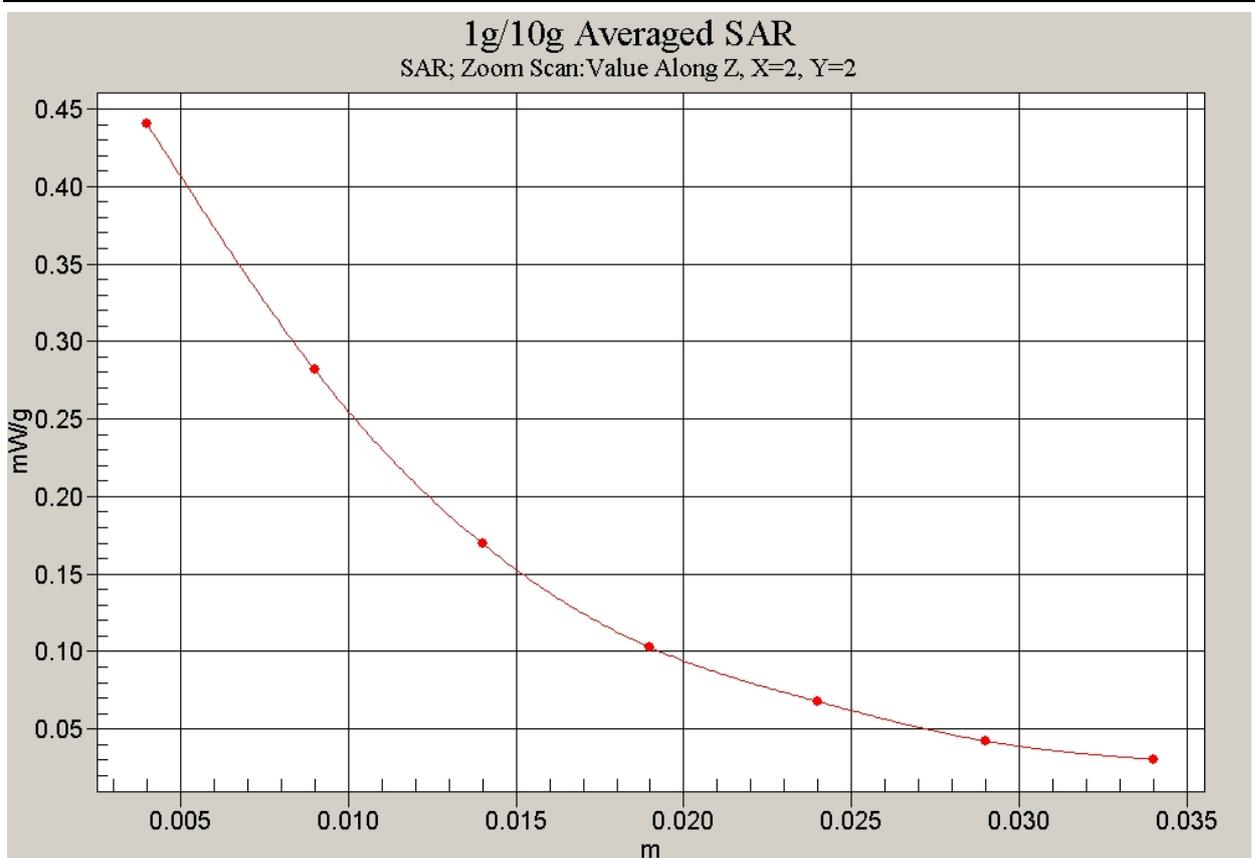


Fig. 126 Z-Scan at power reference point (1900MHz CH661)

1900 Left Tilt Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.333 mW/g

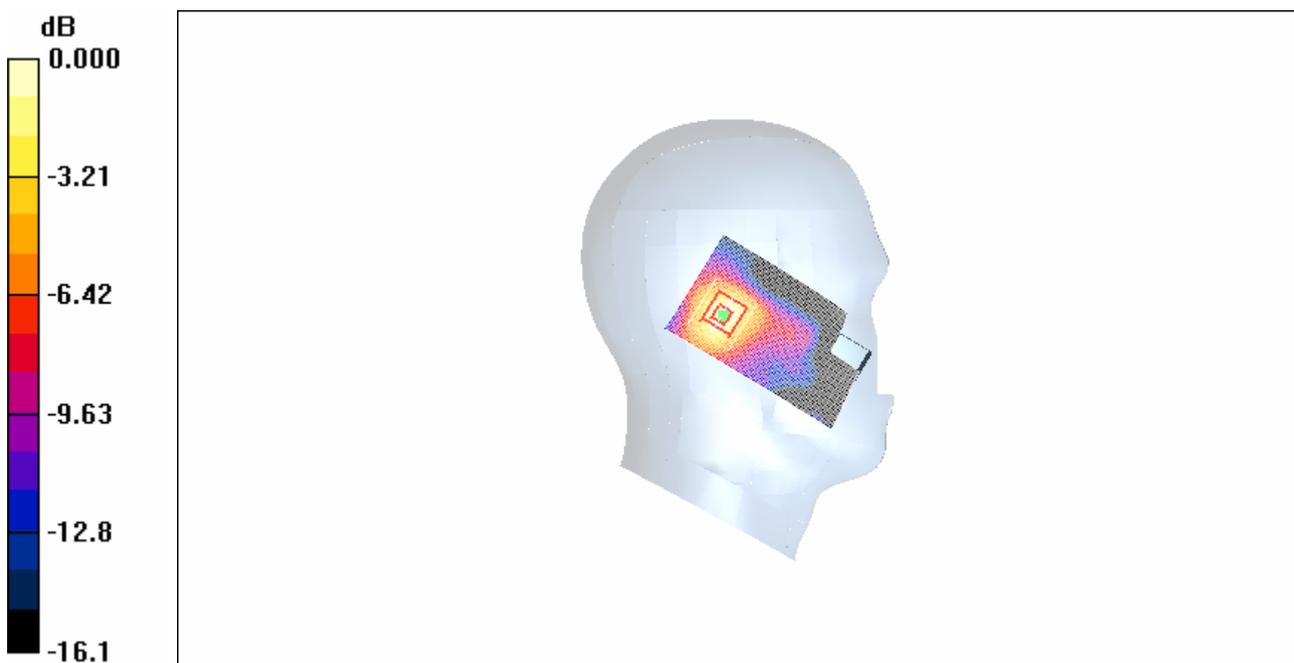
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.330 mW/g



0 dB = 0.330mW/g

Fig. 127 Left Hand Tilt 15° 1900MHz CH512

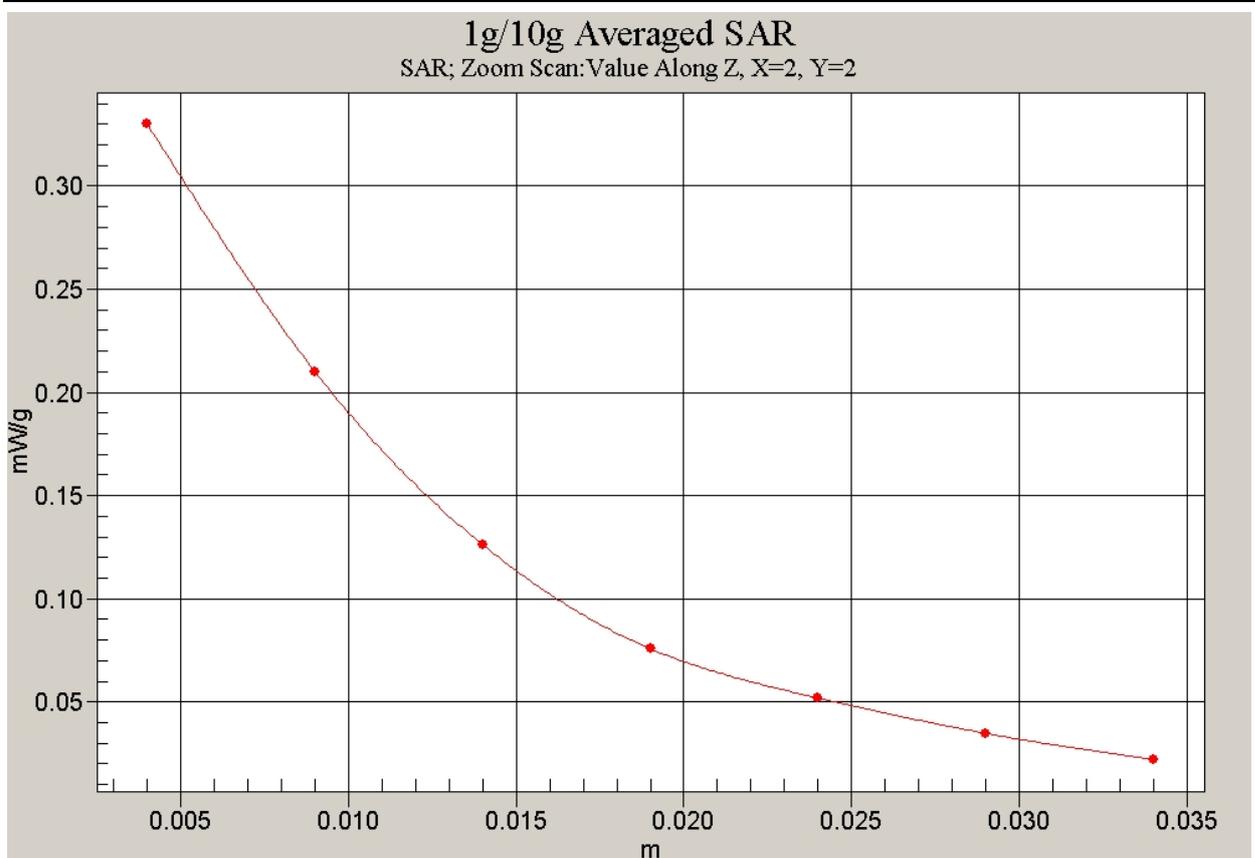


Fig. 128 Z-Scan at power reference point (1900MHz CH512)

1900 Right Cheek High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.618 mW/g

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

Reference Value = 15.7 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.639 mW/g

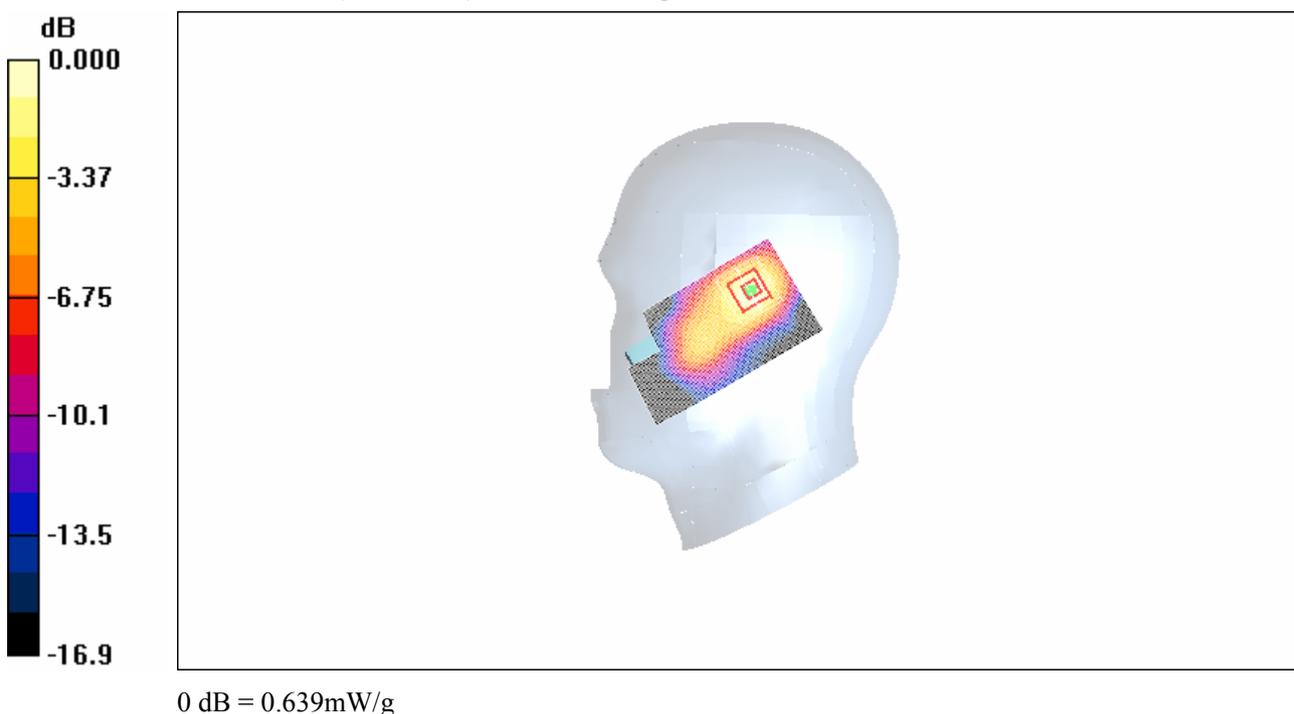


Fig. 129 Right Hand Touch Cheek 1900MHz CH810

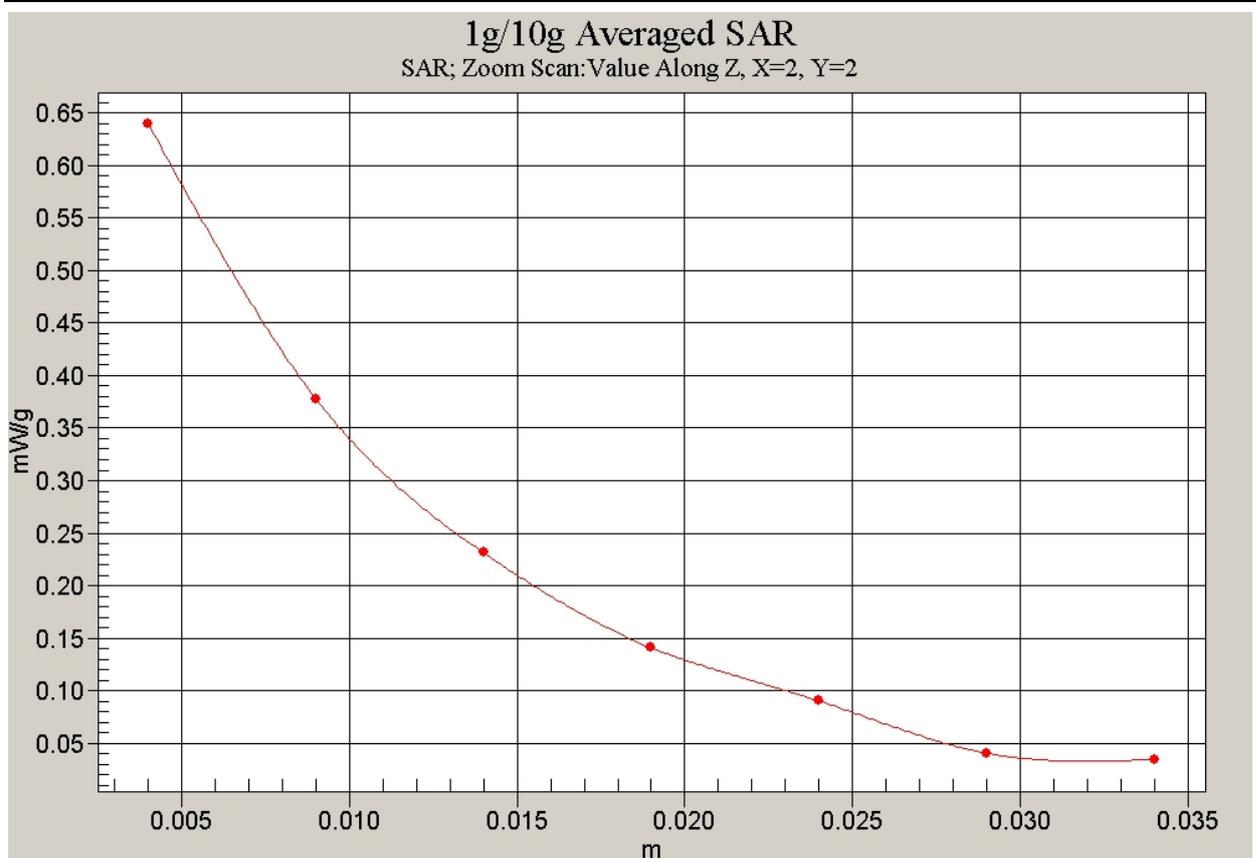


Fig. 130 Z-Scan at power reference point (1900MHz CH810)

1900 Right Cheek Middle

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.595 mW/g

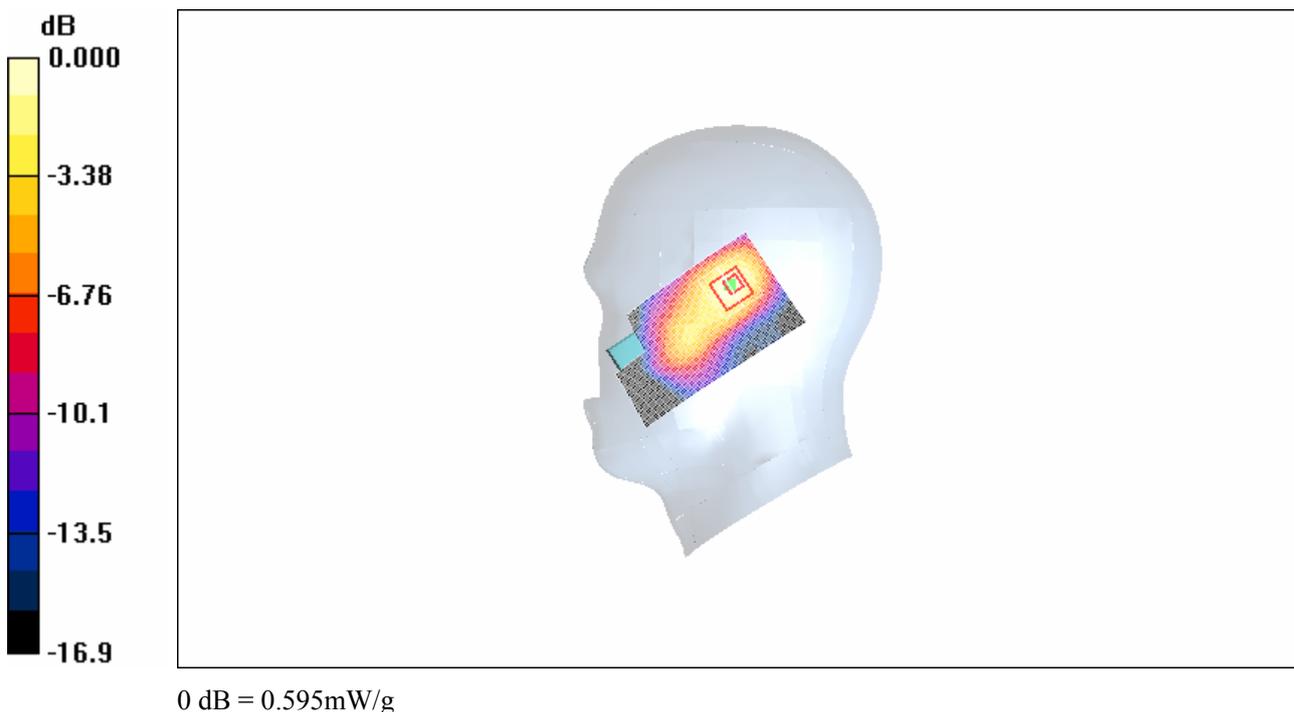
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.951 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.595 mW/g

**Fig.131 Right Hand Touch Cheek 1900MHz CH661**

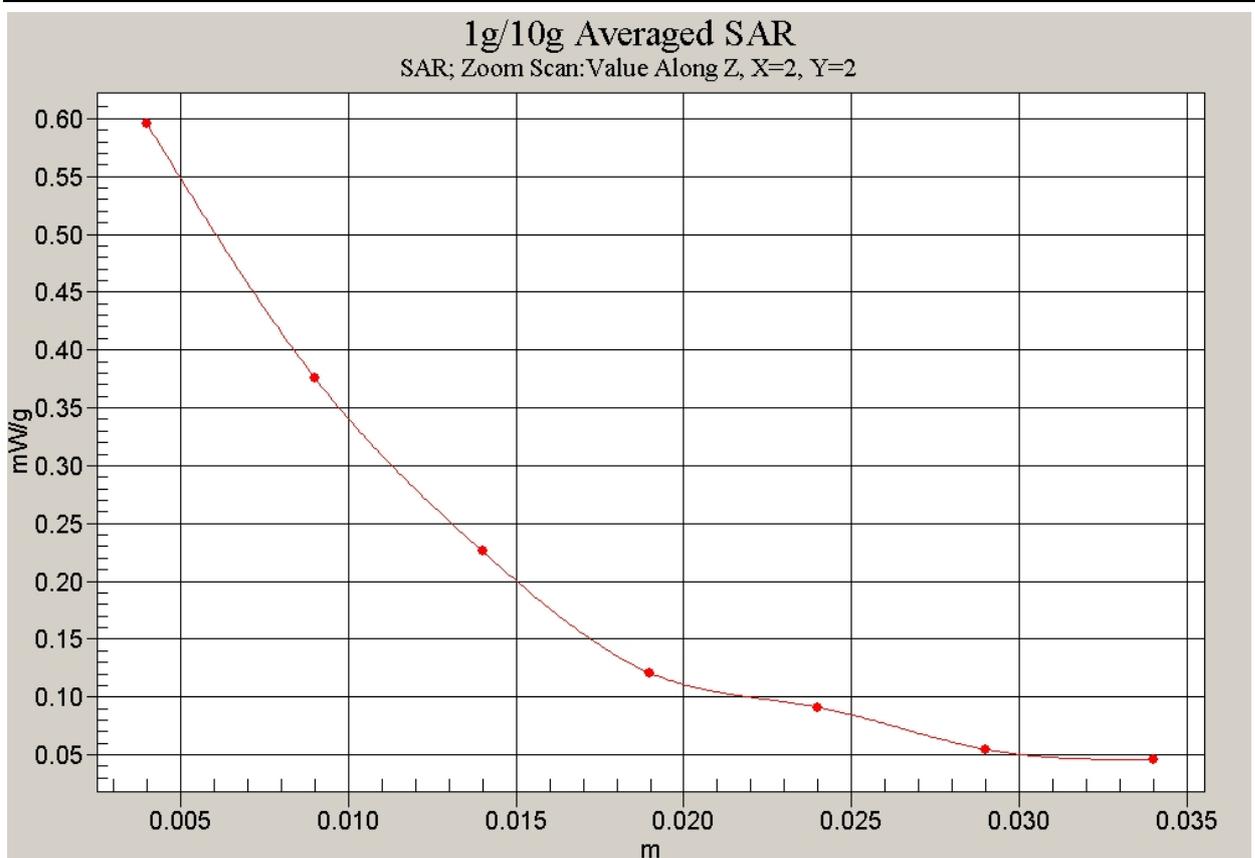


Fig. 132 Z-Scan at power reference point (1900MHz CH661)

1900 Right Cheek Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.442 mW/g

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

Reference Value = 13.7 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.719 W/kg

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.442 mW/g

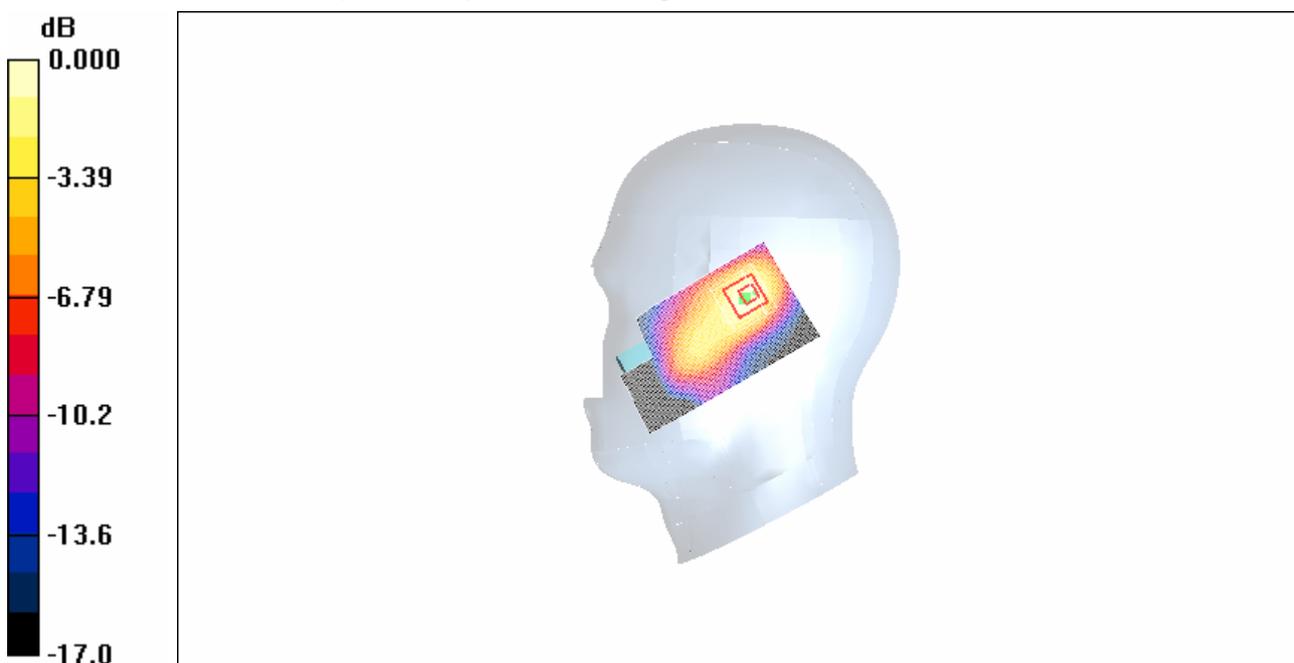


Fig. 133 Right Hand Touch Cheek 1900MHz CH512

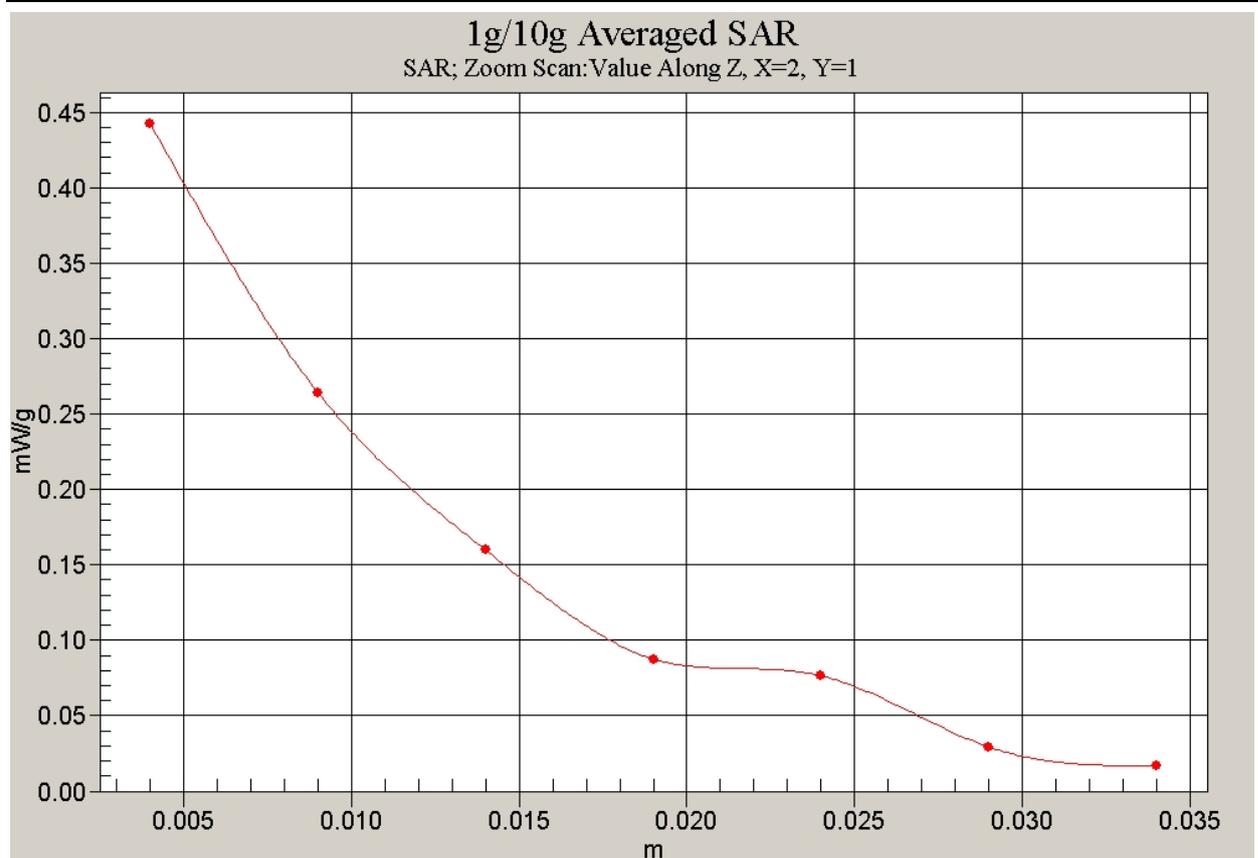


Fig. 134 Z-Scan at power reference point (1900MHz CH512)

1900 Right Tilt High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.646 mW/g

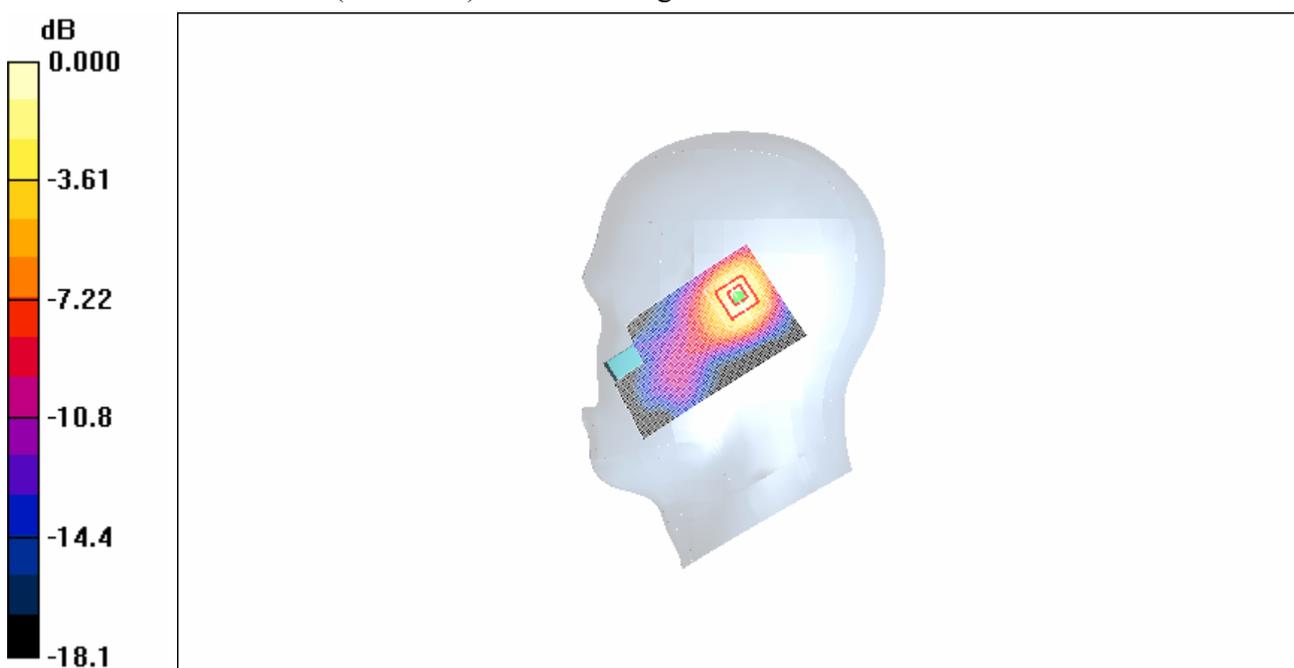
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.646 mW/g



0 dB = 0.646mW/g

Fig. 135 Right Hand Tilt 15° 1900MHz CH810