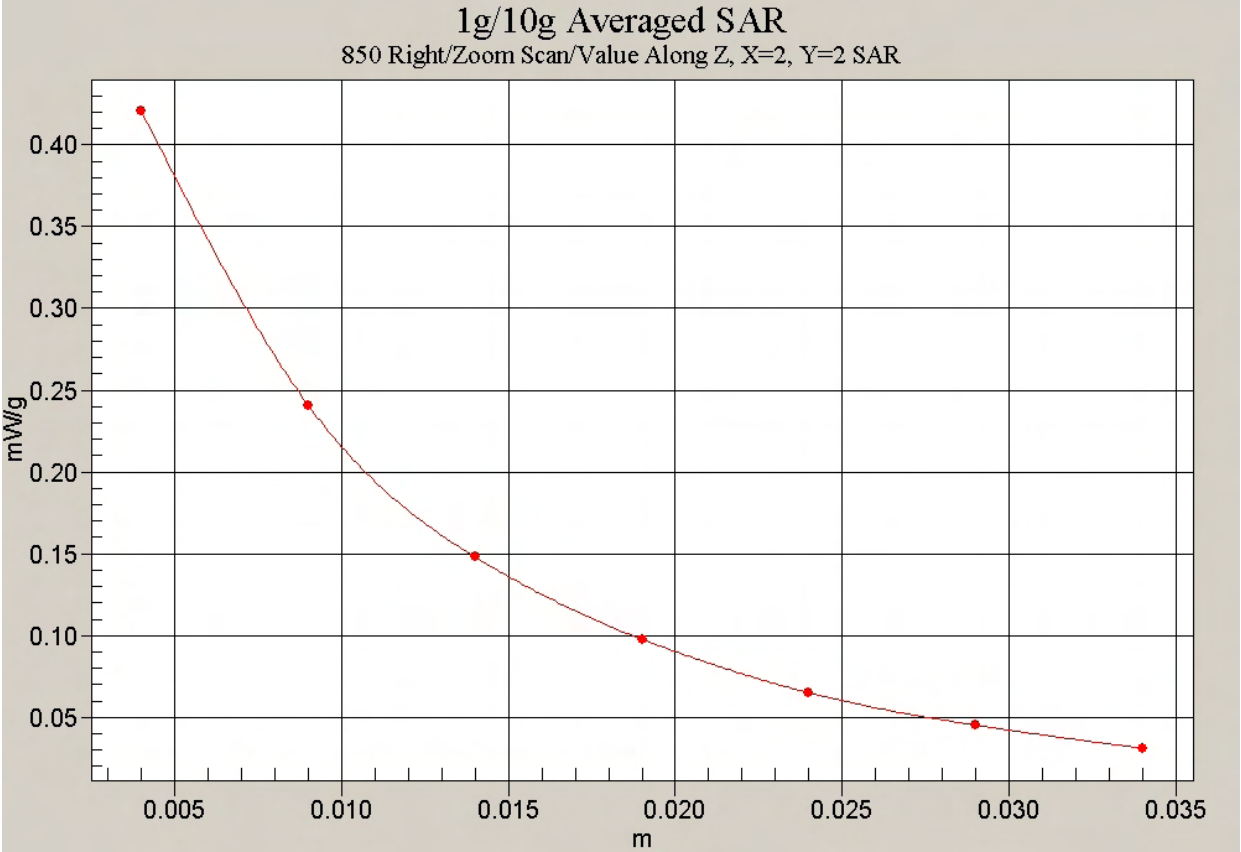


Fig. 20 Z-Scan at power reference point (Right Hand Tilt 15° 850MHz CH251)

850 Right Tilt Middle

Electronics: DAE3 Sn536

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Reference Value = 20.8 V/m; Power Drift = -0.1 dB

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

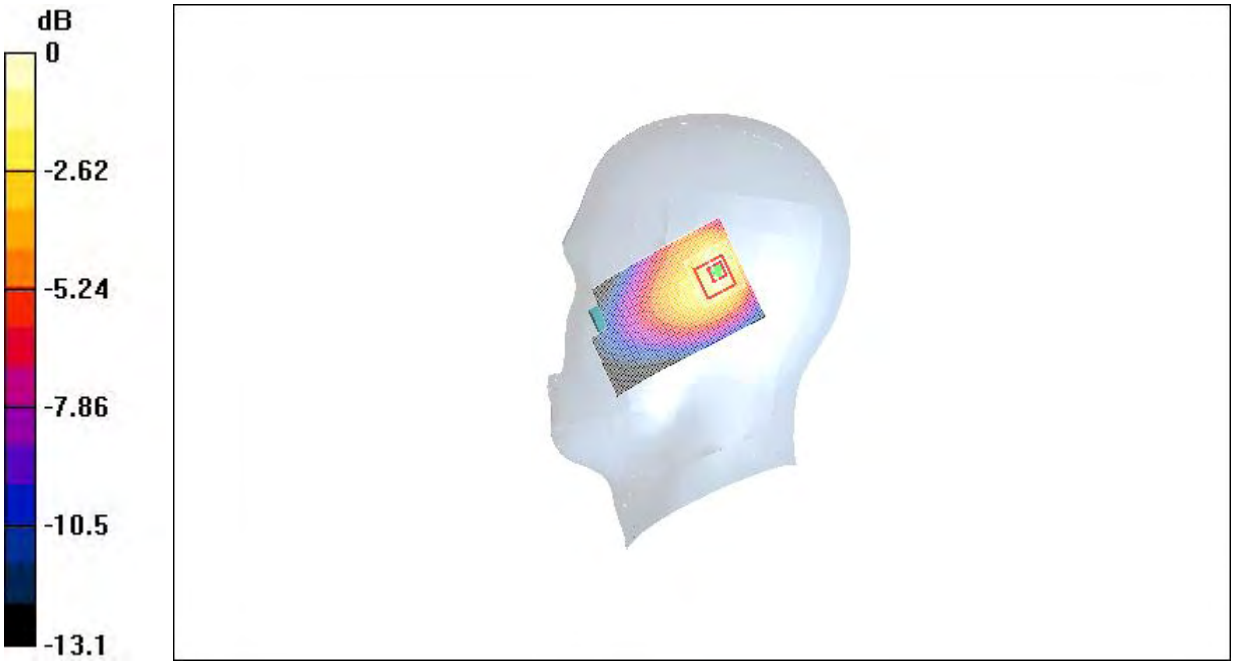
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.415 mW/g

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.220 mW/g



0 dB = 0.415mW/g

Fig. 21 Right Hand Tilt 15°850MHz CH190

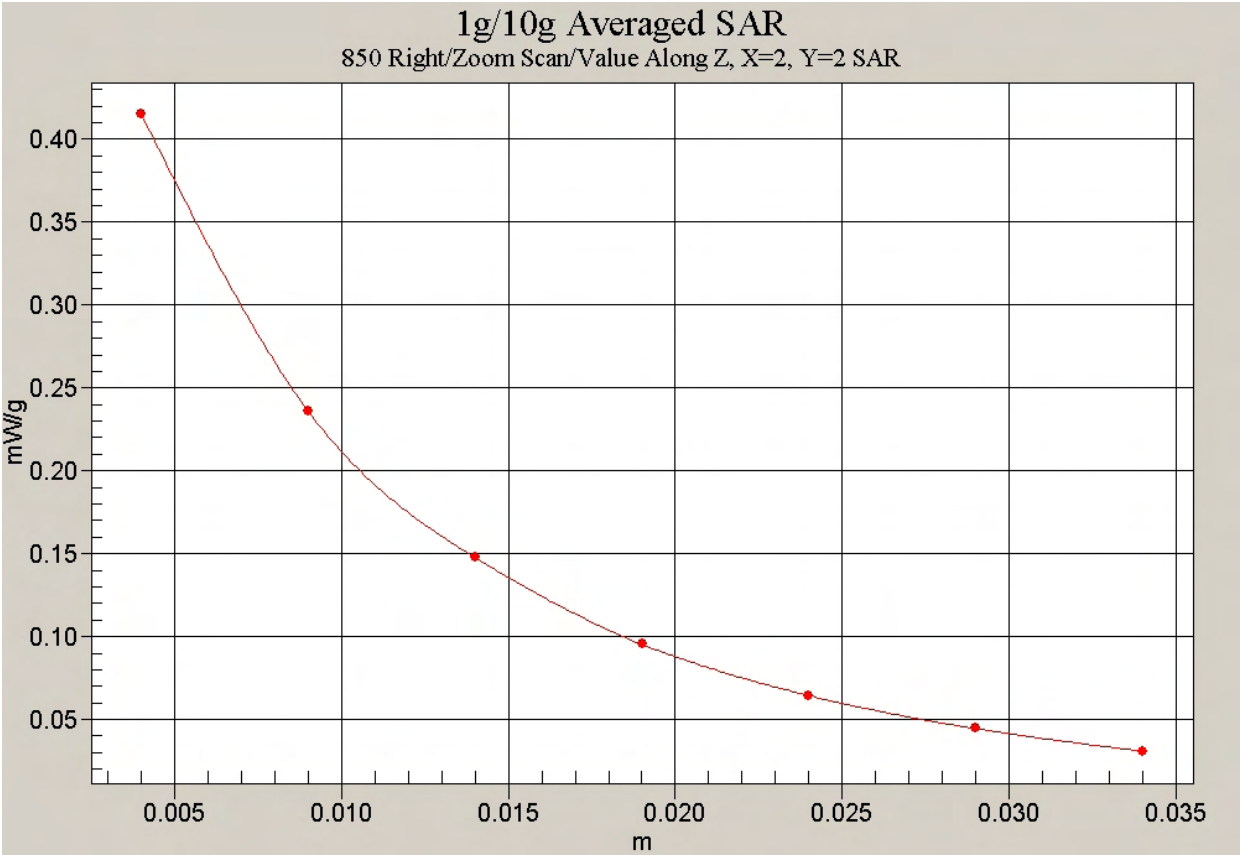


Fig. 22 Z-Scan at power reference point (Right Hand Tilt 15° 850MHz CH190)

850 Right Tilt Low

Electronics: DAE3 Sn536

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Reference Value = 24.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.566 mW/g

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

Reference Value = 24.5 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.563 mW/g

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.308 mW/g

0 dB = 0.563mW/g

Fig. 23 Right Hand Tilt 15° 850MHz CH128

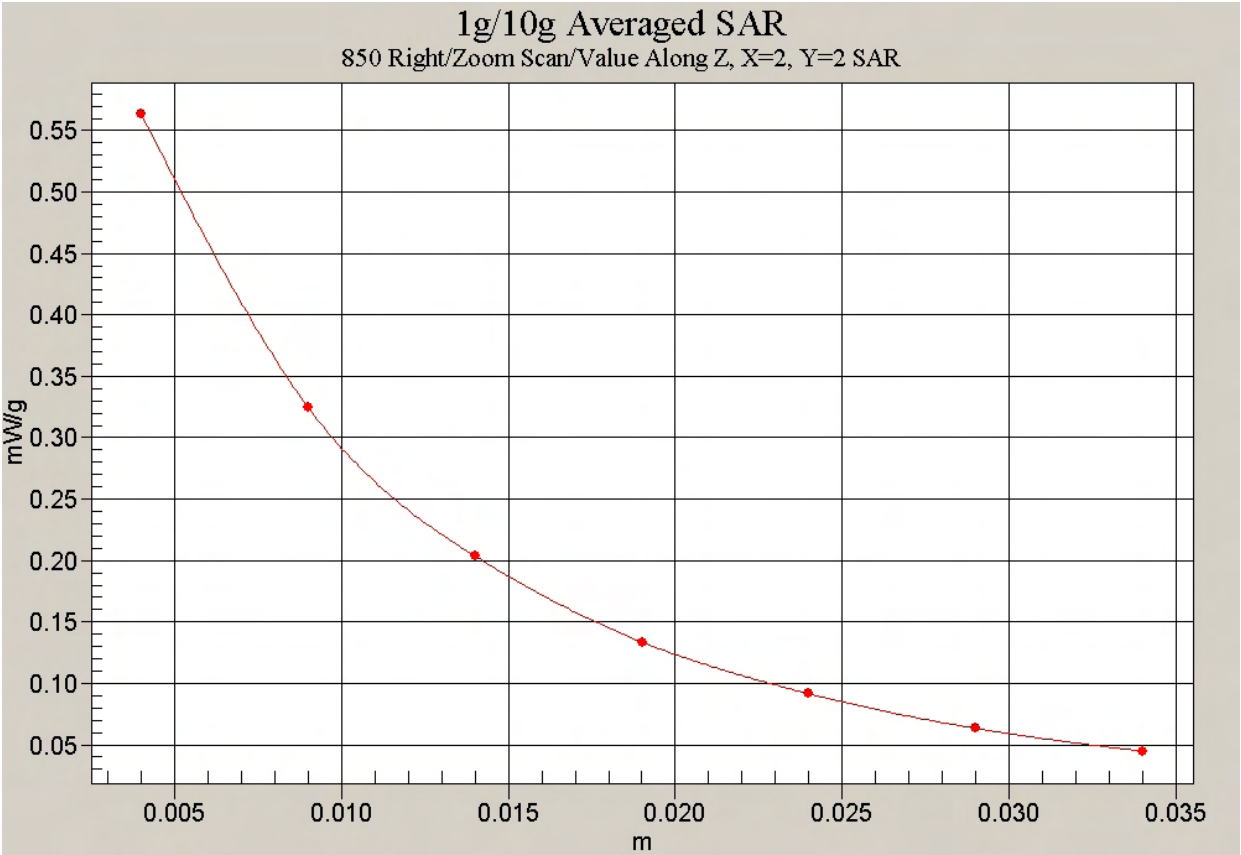


Fig. 24 Z-Scan at power reference point (Right Hand Tilt 15° 850MHz CH128)

850 Body Towards Ground High

Electronics: DAE3 Sn536

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

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Reference Value = 12.4 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.616 mW/g

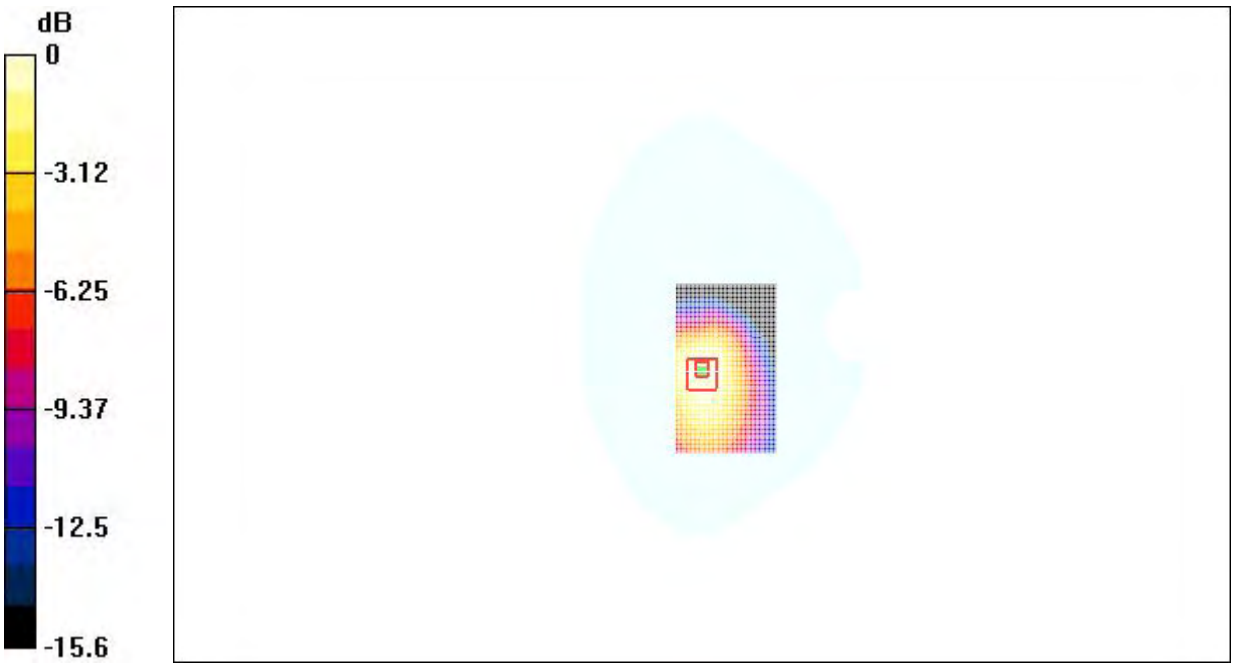
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.598 mW/g

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.353 mW/g



0 dB = 0.598mW/g

Fig. 25 Flat Phantom Body-worn Position 850MHz CH251 with the display of the handset towards the ground

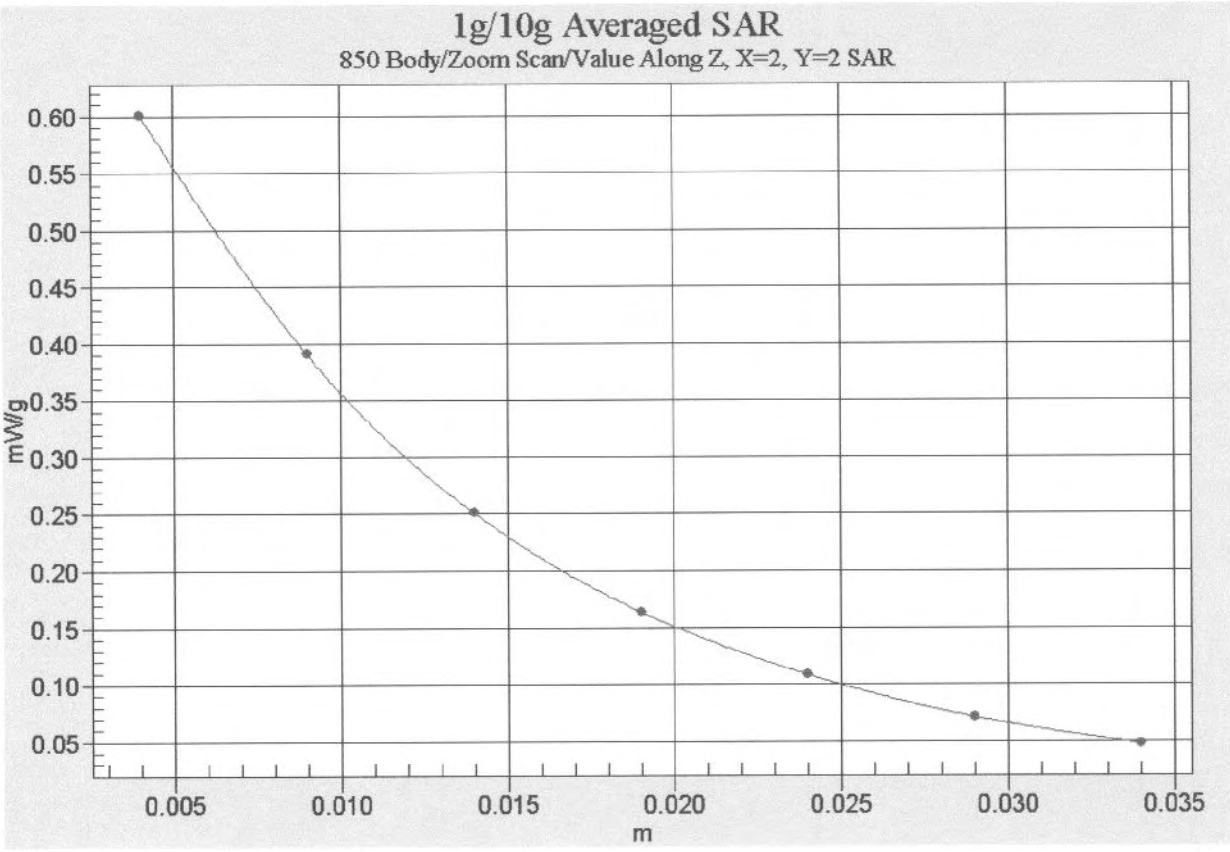


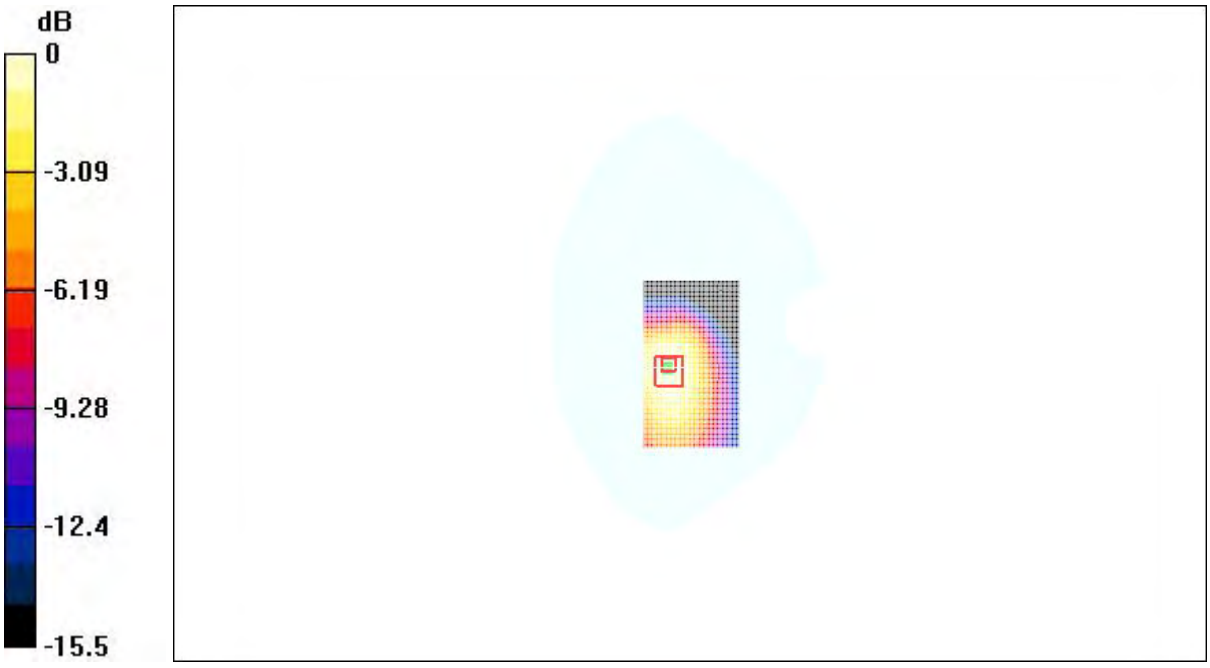
Fig. 26 Z-Scan at power reference point (Flat Phantom 850MHz CH251 with the display of the handset towards the ground)

850 Body Towards Ground Middle

Electronics: DAE3 Sn536
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Toward Ground Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 12.1 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.605 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.580 mW/g
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.350 mW/g



0 dB = 0.580mW/g

Fig. 27 Flat Phantom Body-worn Position 850MHz CH190 with the display of the handset towards the ground

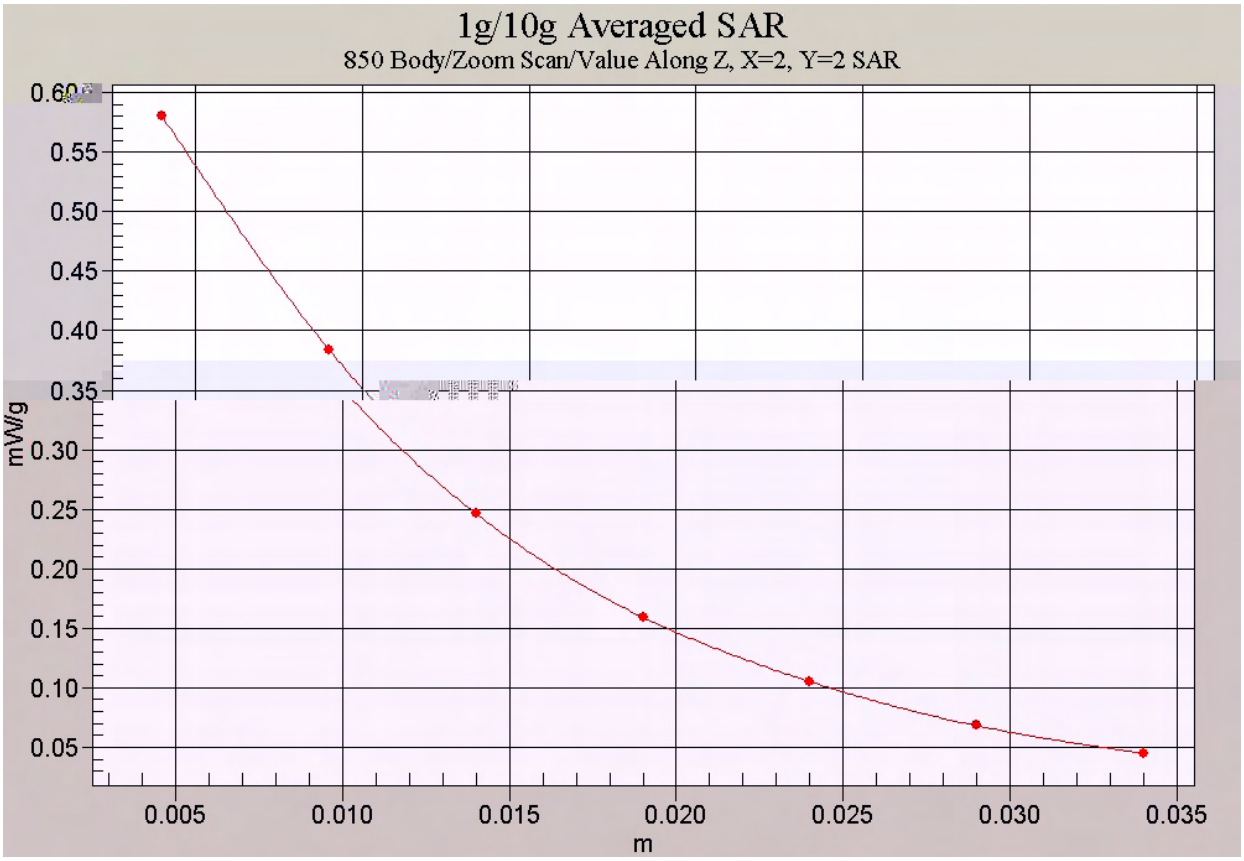


Fig. 28 Z-Scan at power reference point (Flat Phantom 850MHz CH190 with the display of the handset towards the ground)

850 Body Towards Ground Low

Electronics: DAE3 Sn536

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Reference Value = 12.3 V/m; Power Drift = -0.003 dB

Maximum value of SAR (interpolated) = 0.631 mW/g

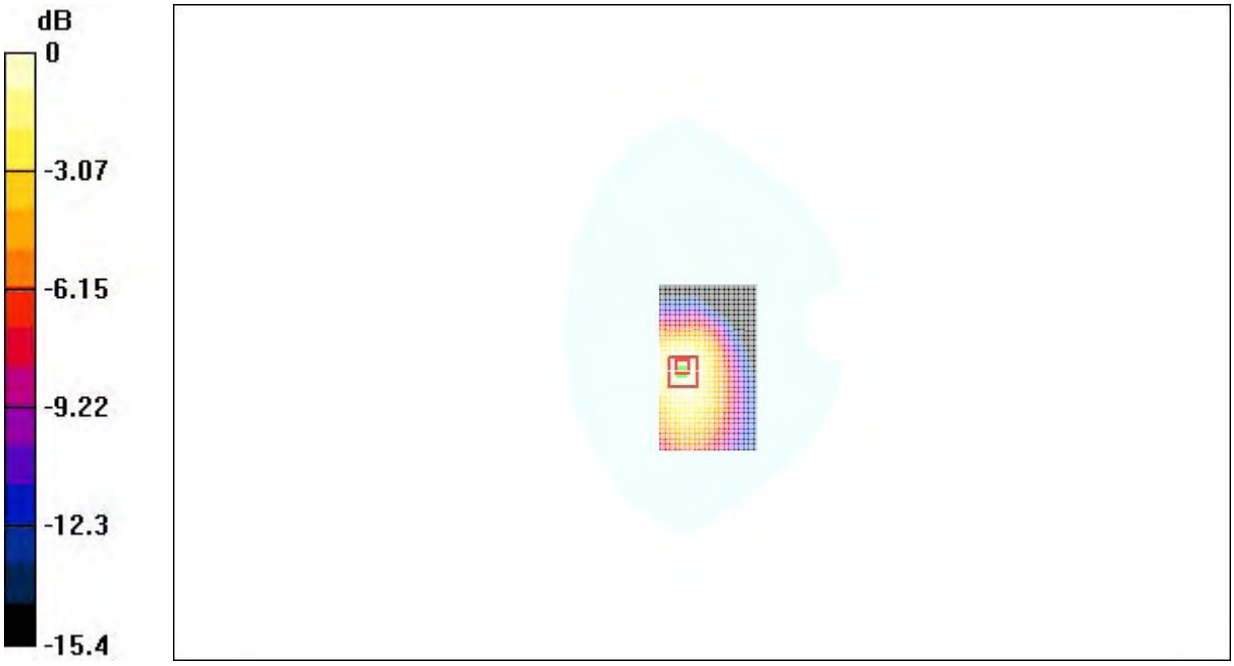
Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = -0.003 dB

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

Peak SAR (extrapolated) = 0.930 W/kg

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.366 mW/g



0 dB = 0.618mW/g

Fig. 29 Flat Phantom Body-worn Position 850MHz CH128 with the display of the handset towards the ground

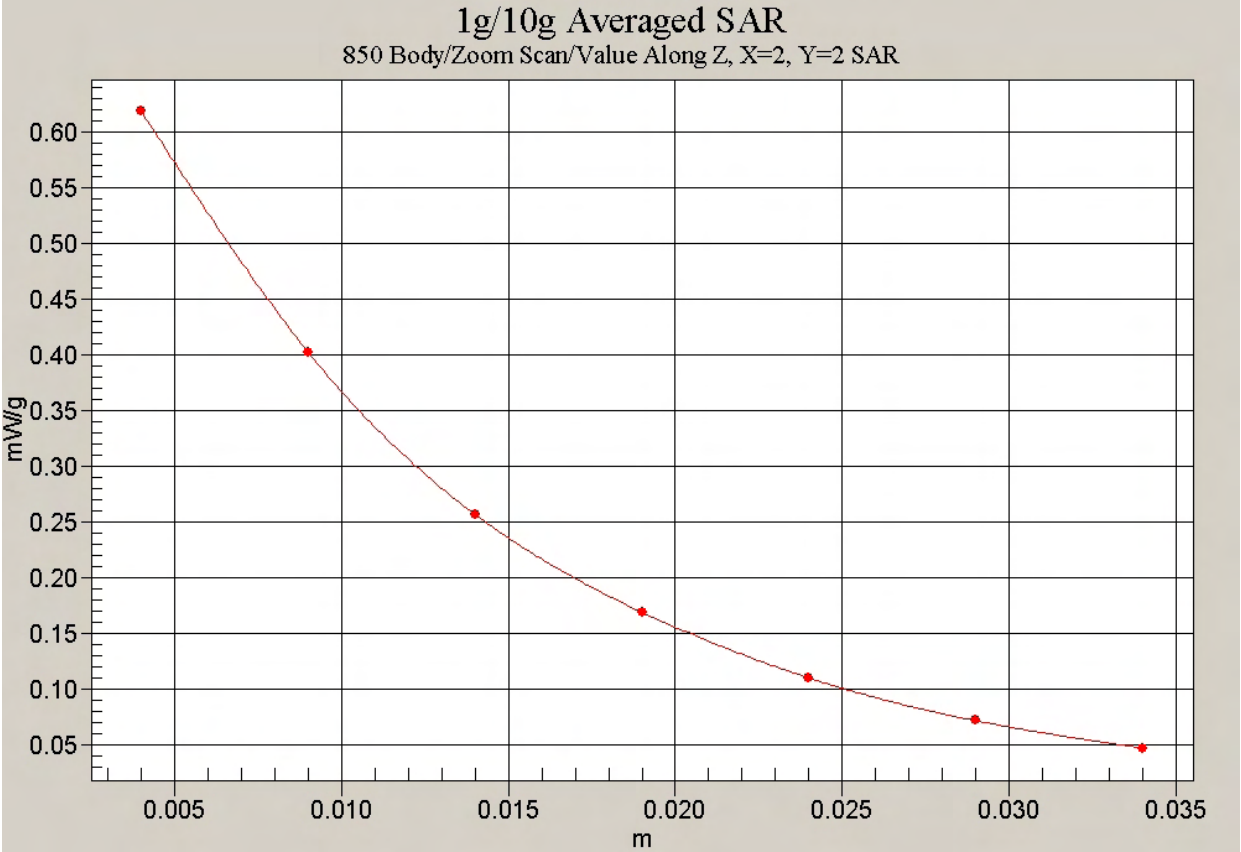


Fig. 30 Z-Scan at power reference point (Flat Phantom 850MHz CH128 with the display of the handset towards the ground)

850 Body Towards Phantom High

Electronics: DAE3 Sn536

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

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Reference Value = 11.2 V/m; Power Drift = -0.2 dB

Maximum value of SAR (interpolated) = 0.219 mW/g

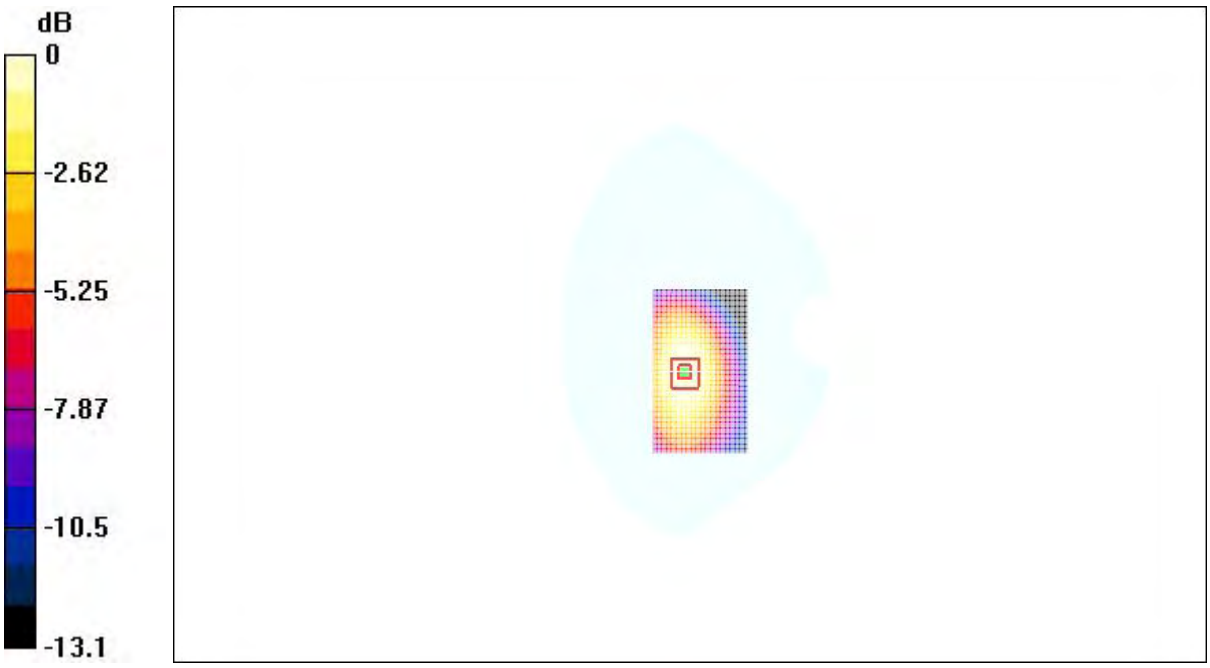
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.2 dB

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

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.130 mW/g



0 dB = 0.217mW/g

Fig. 31 Flat Phantom Body-worn Position 850MHz CH251 with the display of the handset towards the phantom

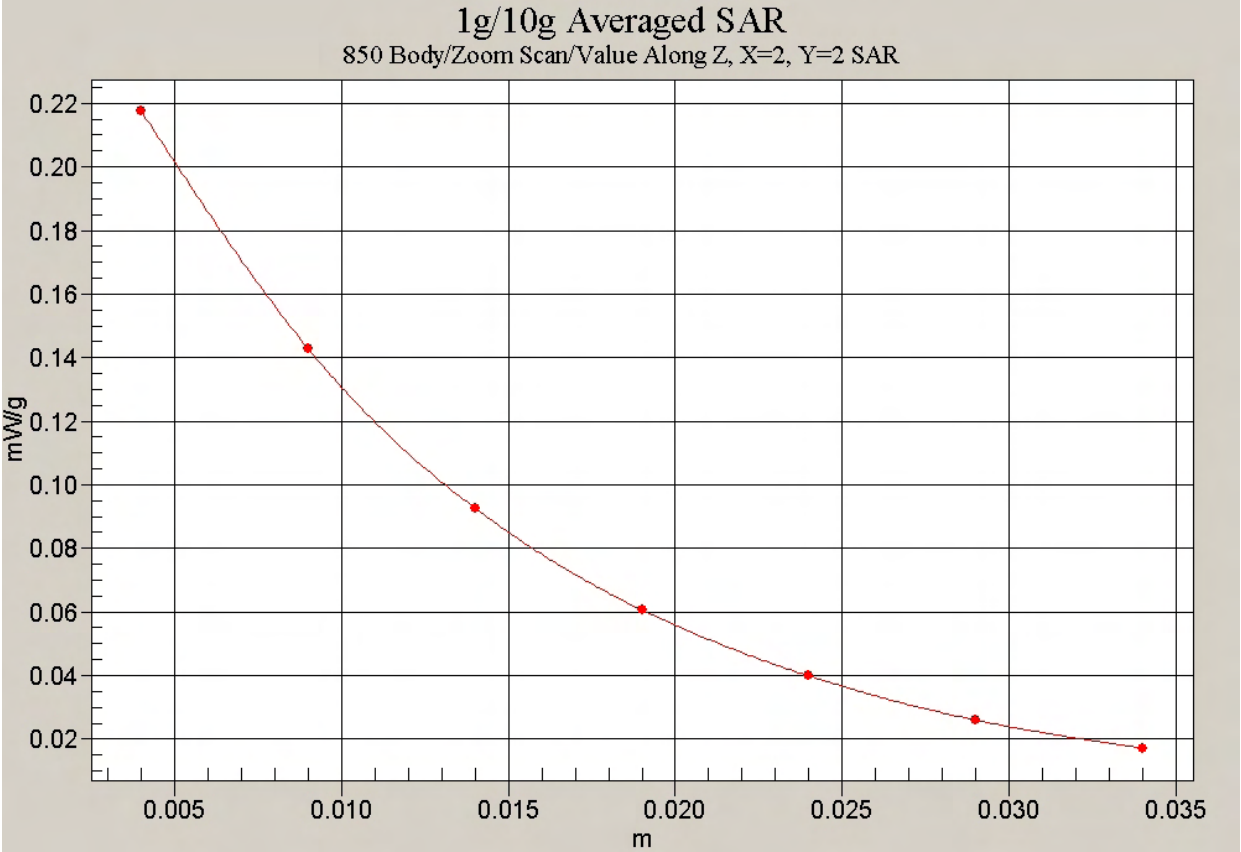


Fig. 32 Z-Scan at power reference point (Flat Phantom 850MHz CH251 with the display of the handset towards the phantom)

850 Body Towards Phantom Middle

Electronics: DAE3 Sn536

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Reference Value = 11.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.233 mW/g

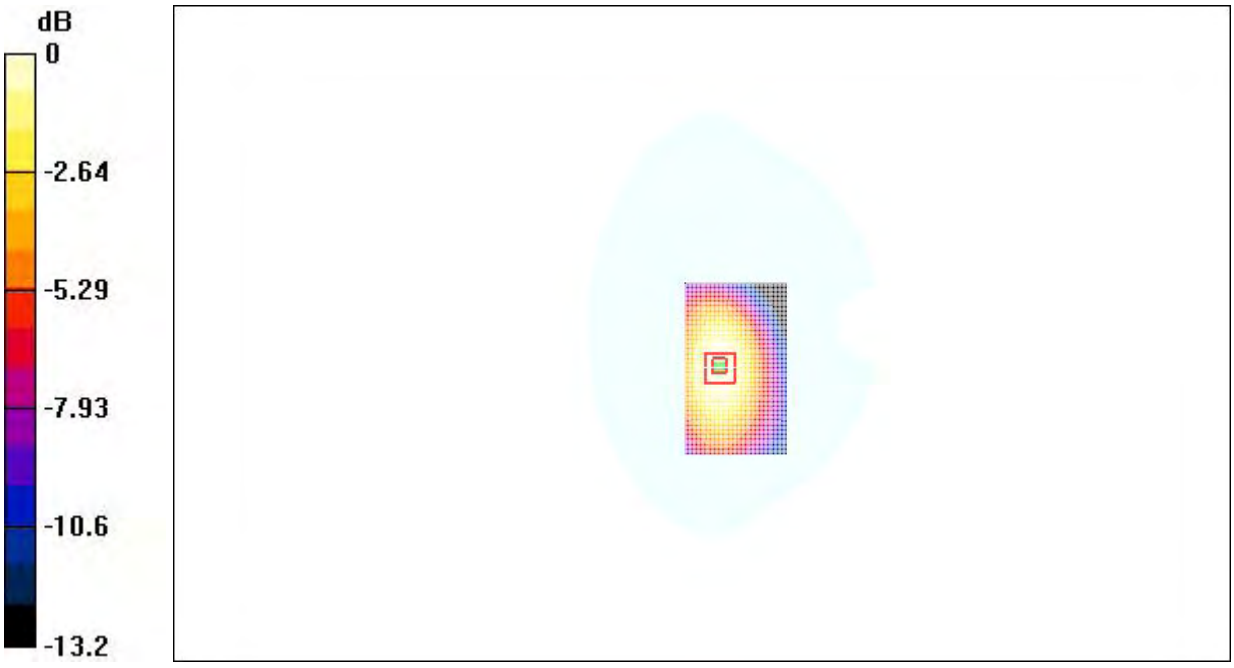
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.1 dB

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

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.138 mW/g



0 dB = 0.229mW/g

Fig. 33 Flat Phantom Body-worn Position 850MHz CH190 with the display of the handset towards the phantom

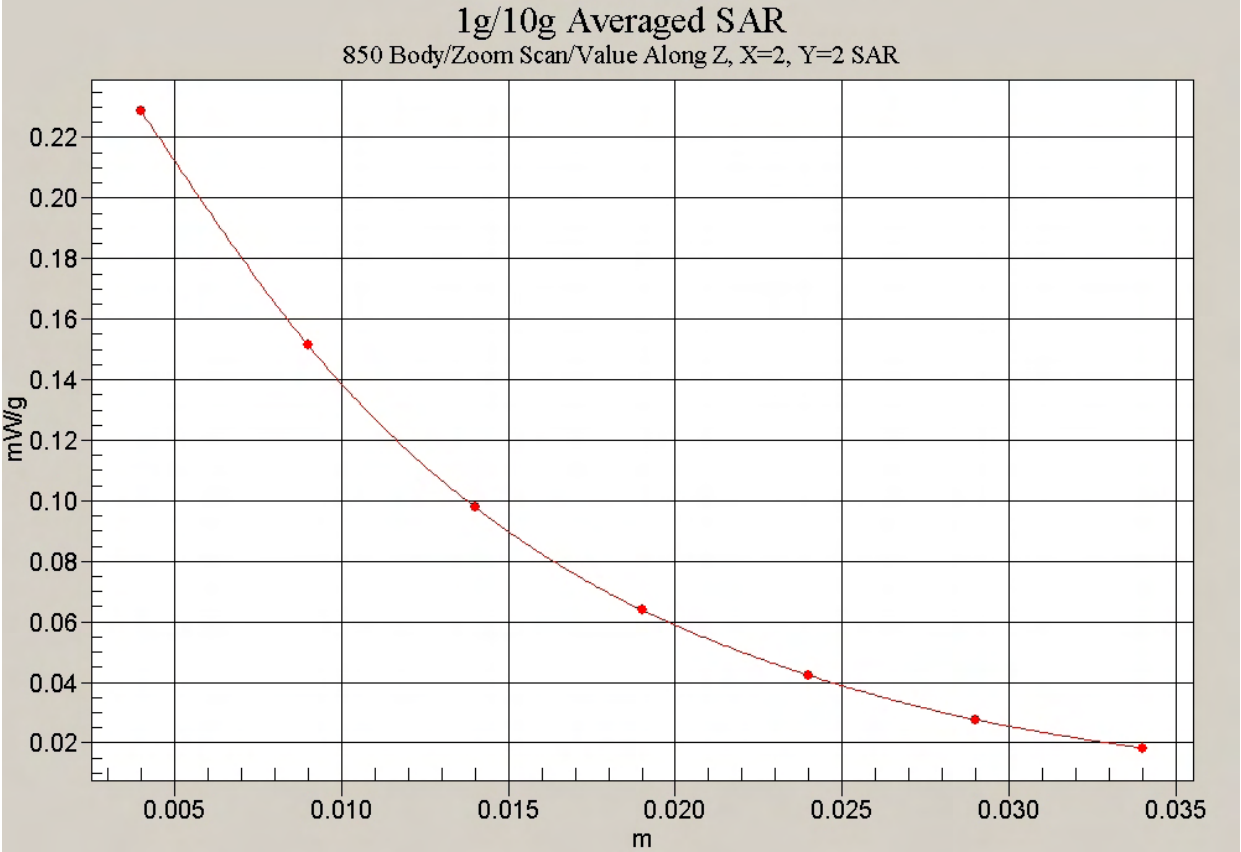


Fig. 34 Z-Scan at power reference point (Flat Phantom 850MHz CH190 with the display of the handset towards the phantom)

850 Body Towards Phantom Low

Electronics: DAE3 Sn536

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Reference Value = 11.7 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.220 mW/g

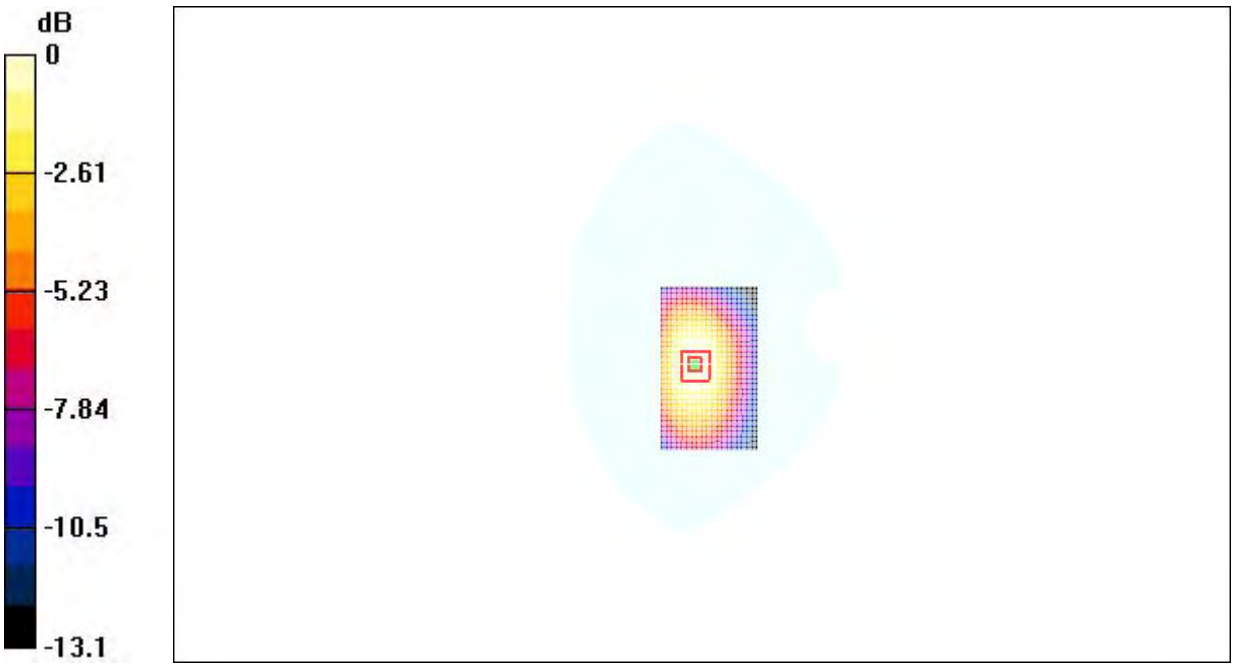
Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.0 dB

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

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.131 mW/g



0 dB = 0.216mW/g

Fig. 35 Flat Phantom Body-worn Position 850MHz CH128 with the display of the handset towards the phantom

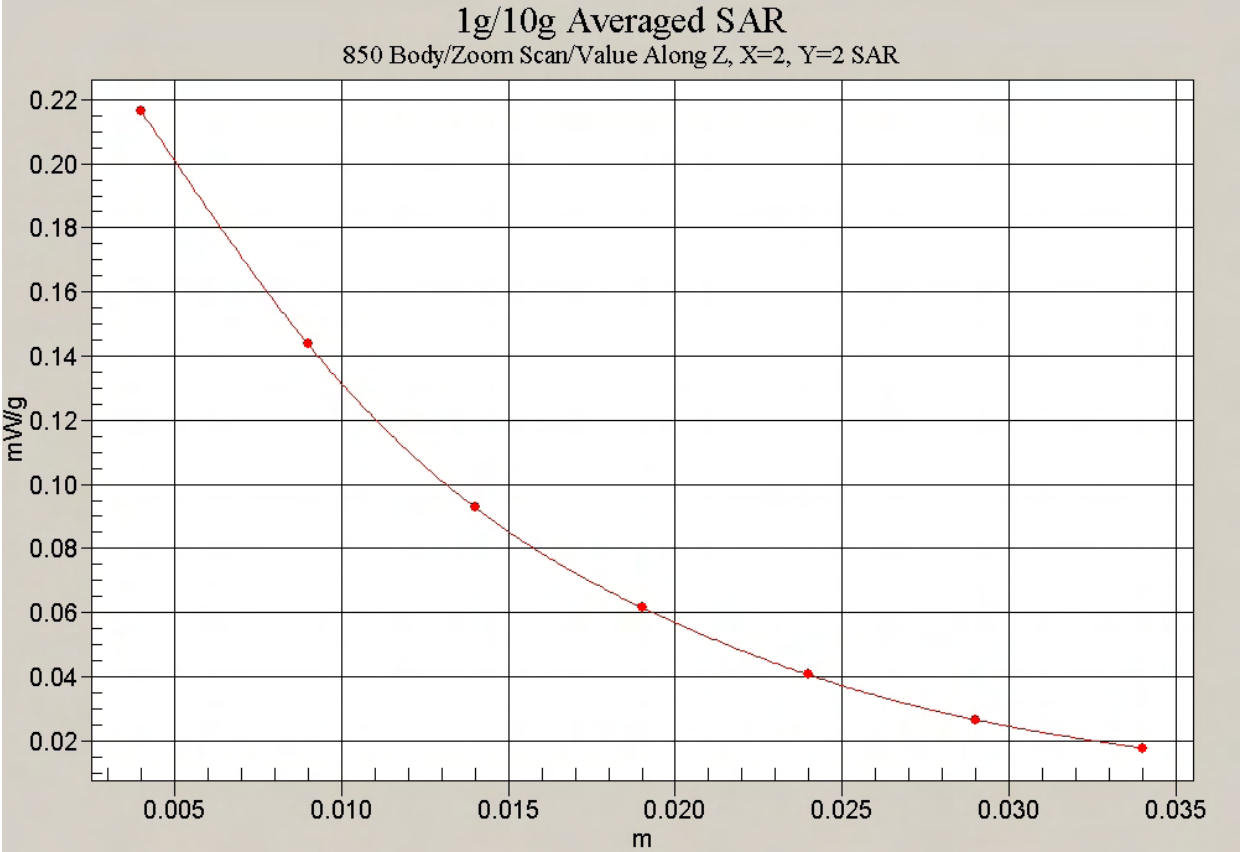


Fig. 36 Z-Scan at power reference point (Flat Phantom 850MHz CH128 with the display of the handset towards the phantom)

850 Body Towards Ground High With GPRS

Electronics: DAE3 Sn536

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

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

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

Reference Value = 15 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.809 mW/g

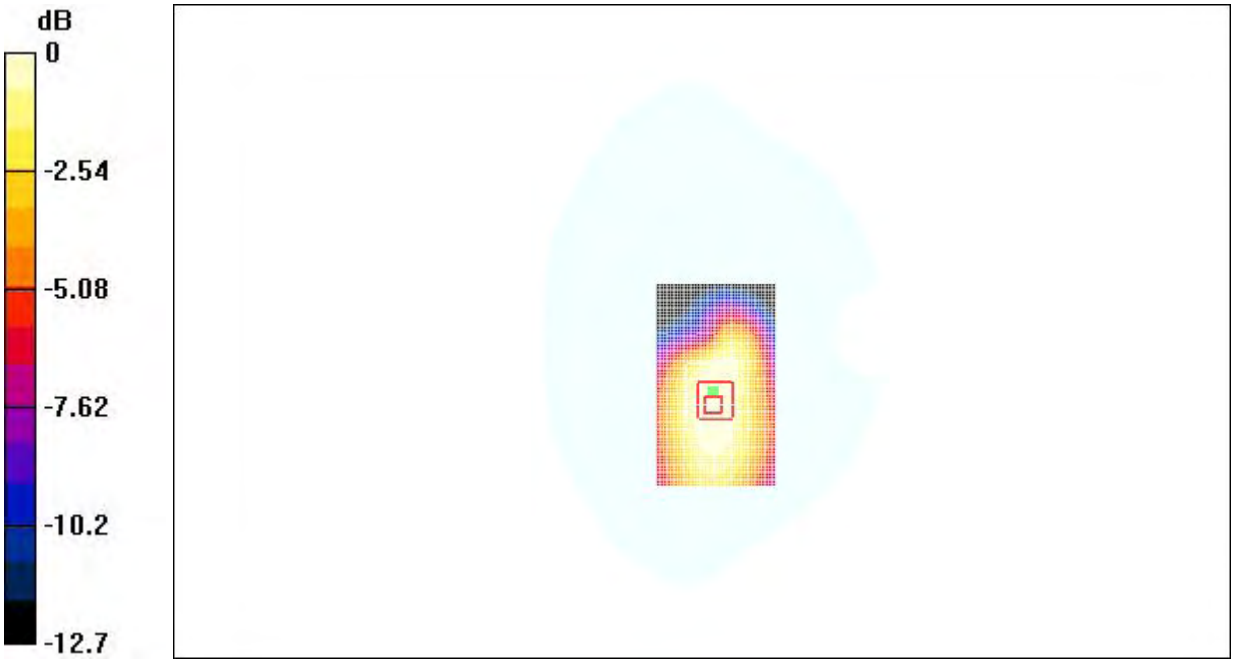
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.788 mW/g

Peak SAR (extrapolated) = 0.981 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.536 mW/g



0 dB = 0.788mW/g

Fig. 37 Flat Phantom Body-worn Position 850MHz CH251GPRS with the display of the handset towards the ground

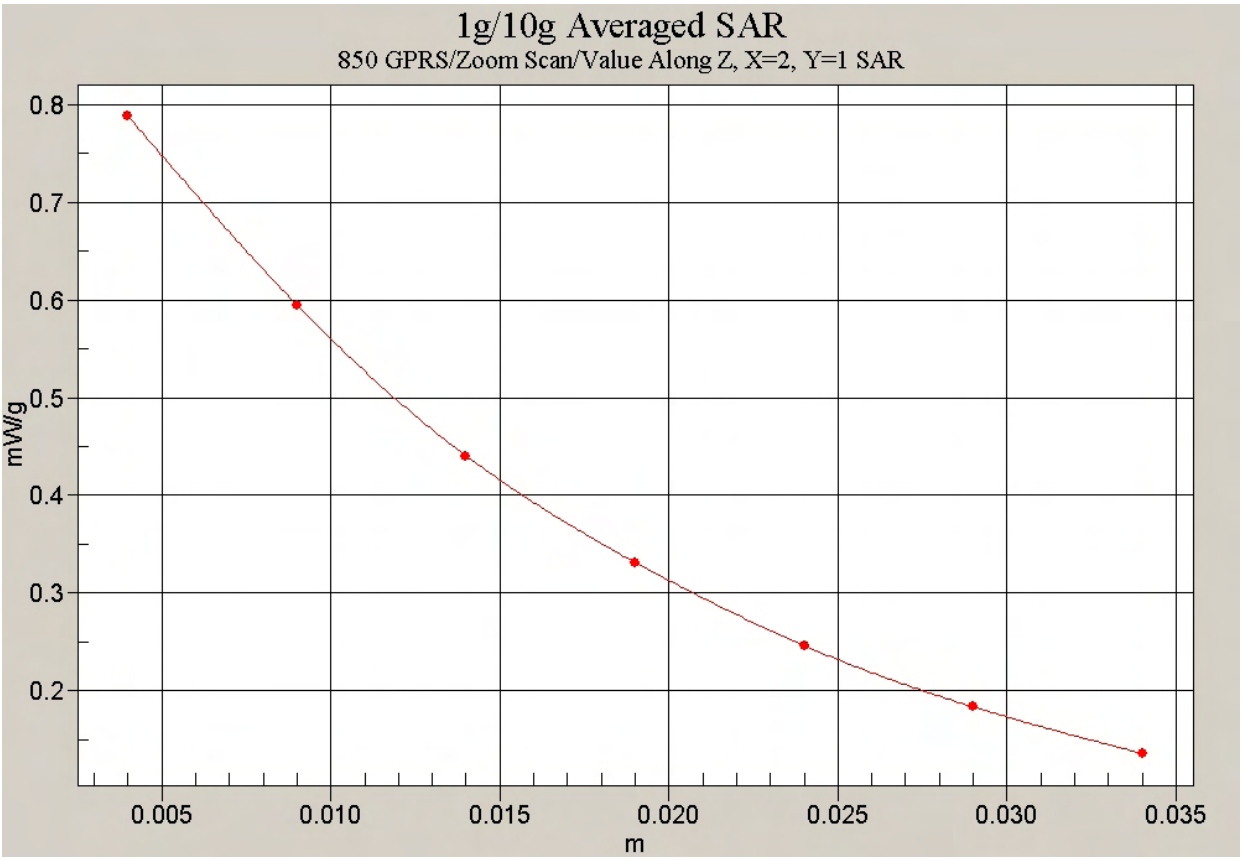


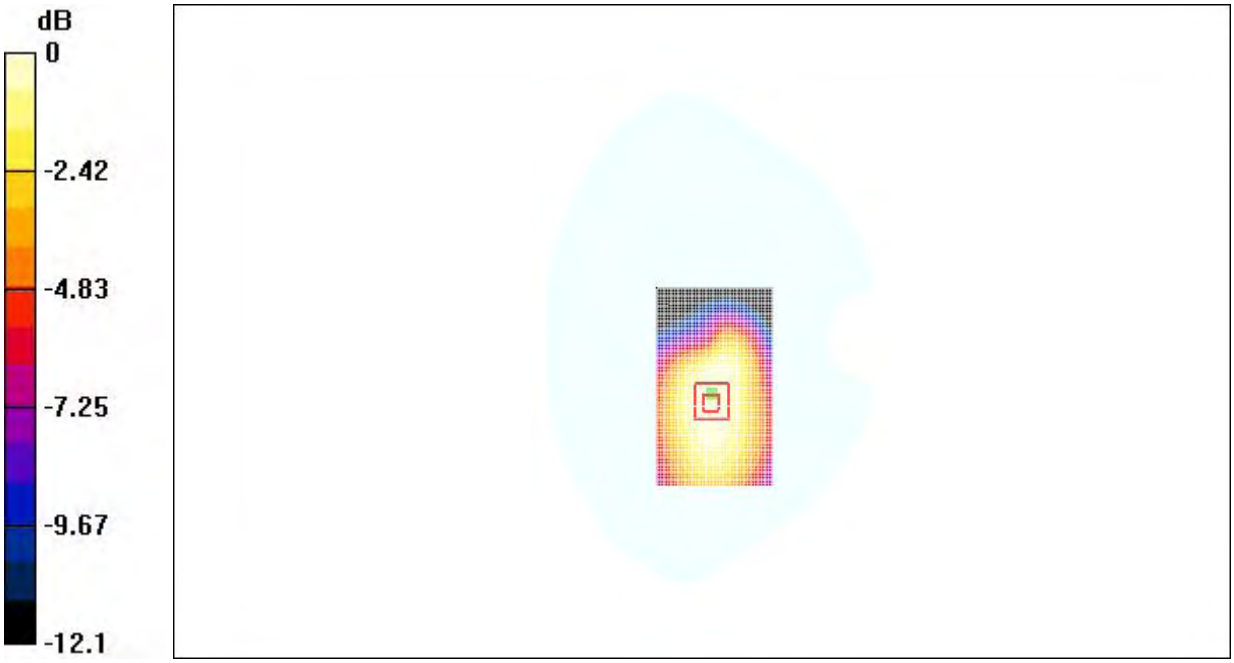
Fig. 38 Z-Scan at power reference point (Flat Phantom 850MHz CH251 GPRS with the display of the handset towards the ground)

850 Body Towards Ground Middle With GPRS

Electronics: DAE3 Sn536
Communication System: GSM 850 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
Reference Value = 16.4 V/m; Power Drift = -0.1 dB
Maximum value of SAR (interpolated) = 0.934 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 0.910 mW/g
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.625 mW/g



0 dB = 0.910mW/g

Fig. 39 Flat Phantom Body-worn Position 850MHz CH190 GPRS with the display of the handset towards the ground

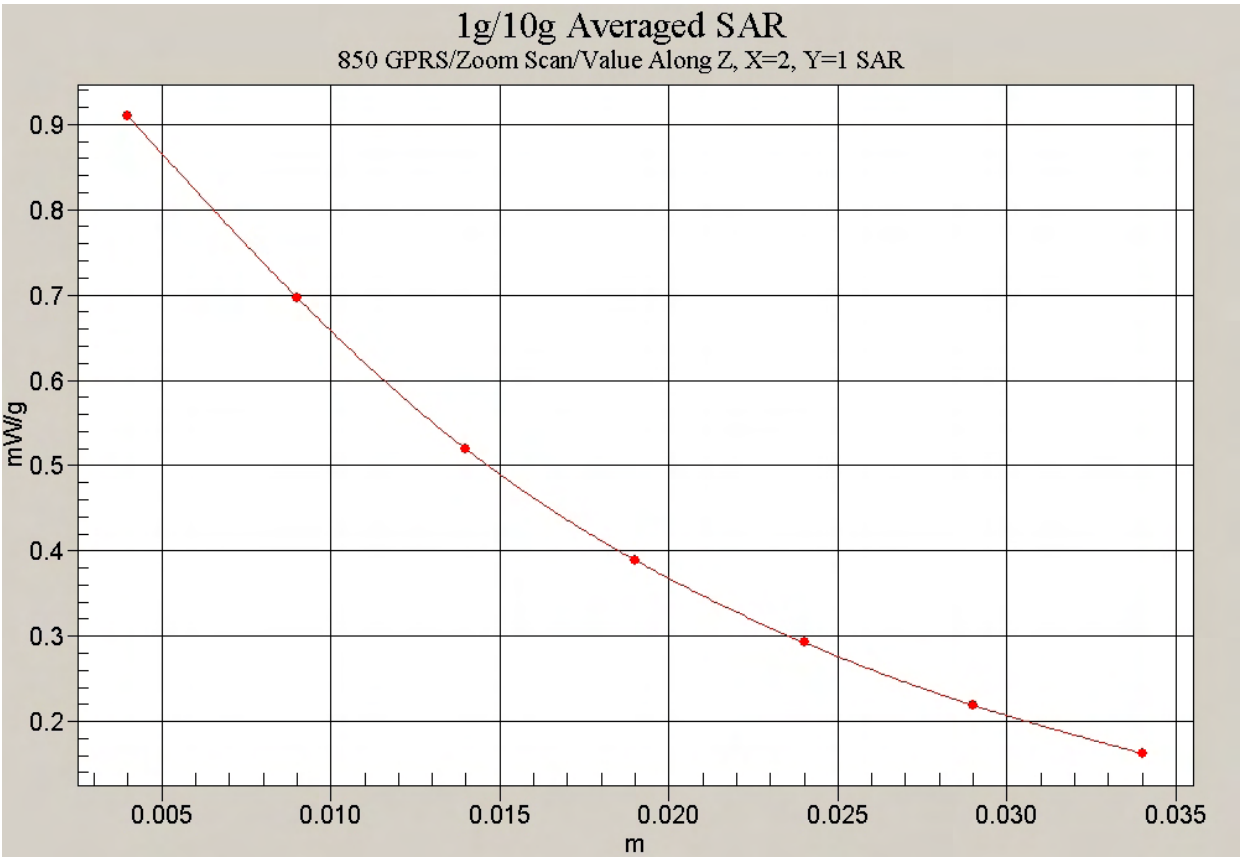


Fig. 40 Z-Scan at power reference point (Flat Phantom 850MHz CH190 GPRS with the display of the handset towards the ground)

850 Body Towards Ground Low With GPRS

Electronics: DAE3 Sn536

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

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

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

Reference Value = 16 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.971 mW/g

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

Reference Value = 16 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.948 mW/g

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.650 mW/g

0 dB = 0.948mW/g

Fig. 41 Flat Phantom Body-worn Position 850MHz CH128 GPRS with the display of the handset towards the ground

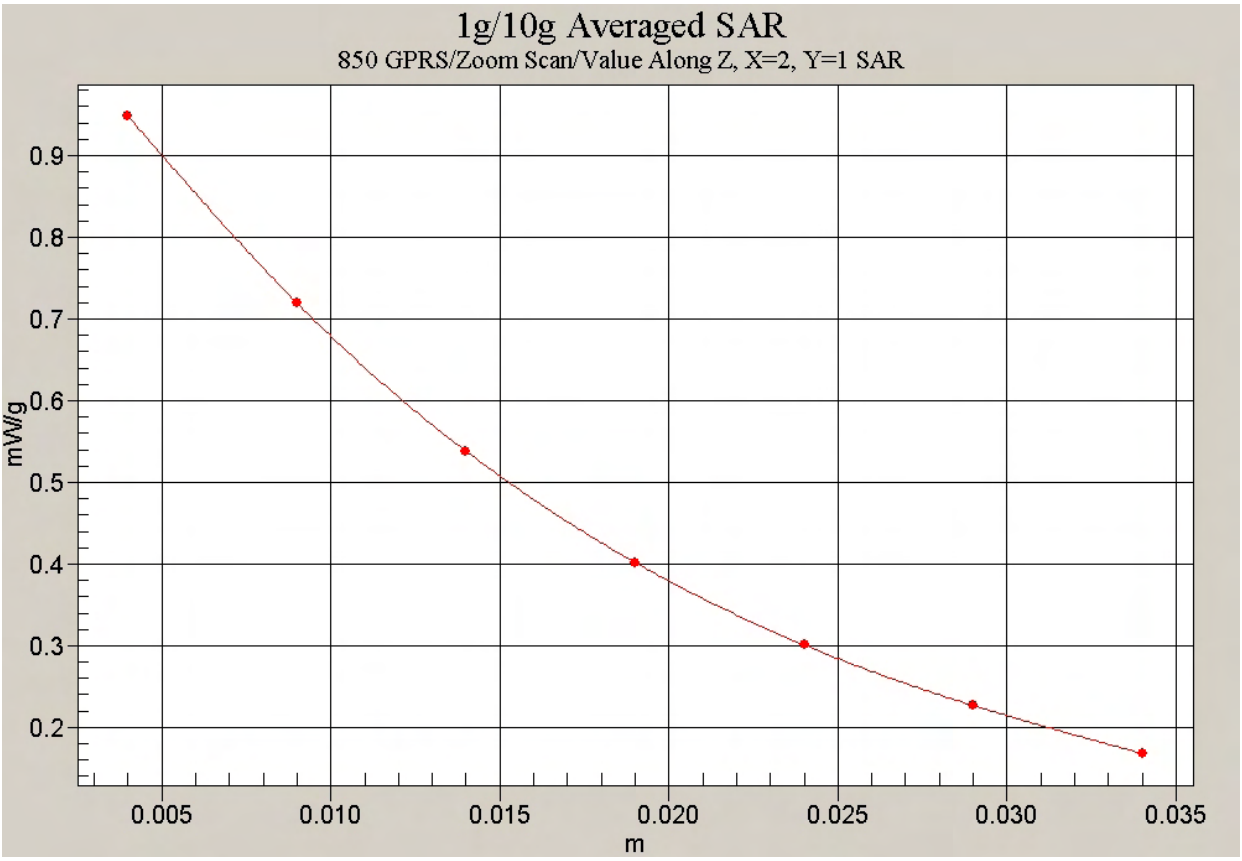


Fig. 42 Z-Scan at power reference point (Flat Phantom 850MHz CH128 GPRS with the display of the handset towards the ground)

850 Body Towards Phantom High With GPRS

Electronics: DAE3 Sn536

Communication System: GSM 850 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

Reference Value = 15 V/m; Power Drift = 0.1 dB

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

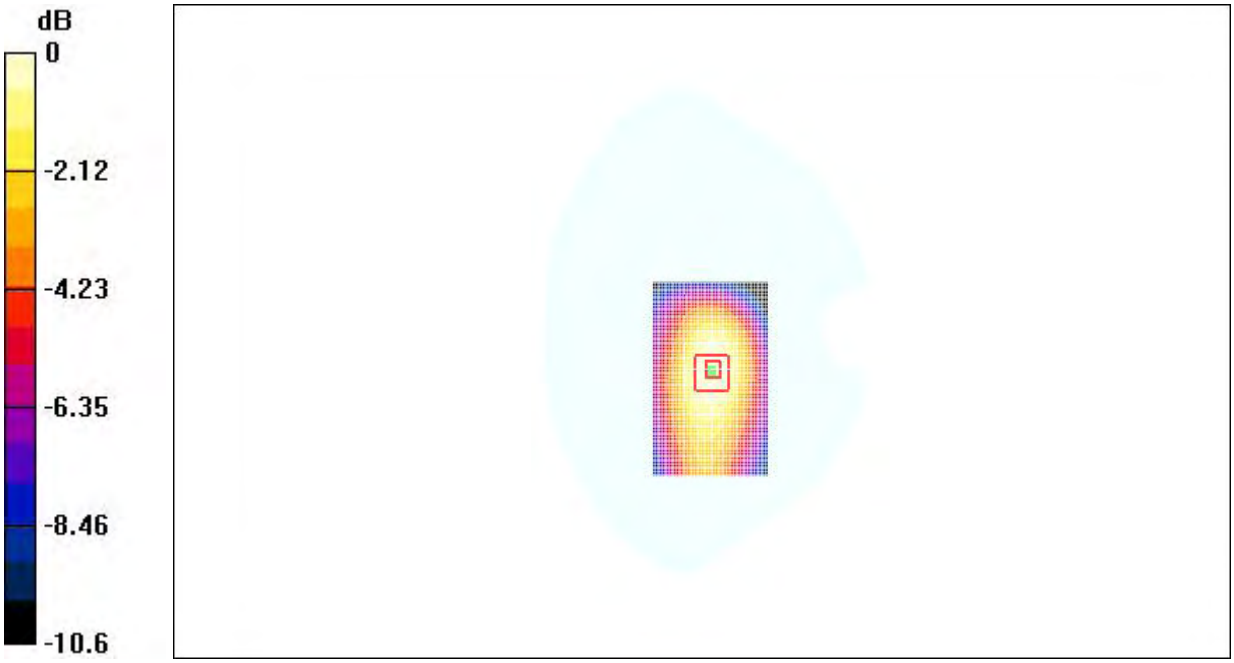
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.283 mW/g

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.186 mW/g



0 dB = 0.283mW/g

Fig. 43 Flat Phantom Body-worn Position 850MHz CH251 GPRS with the display of the handset towards the phantom

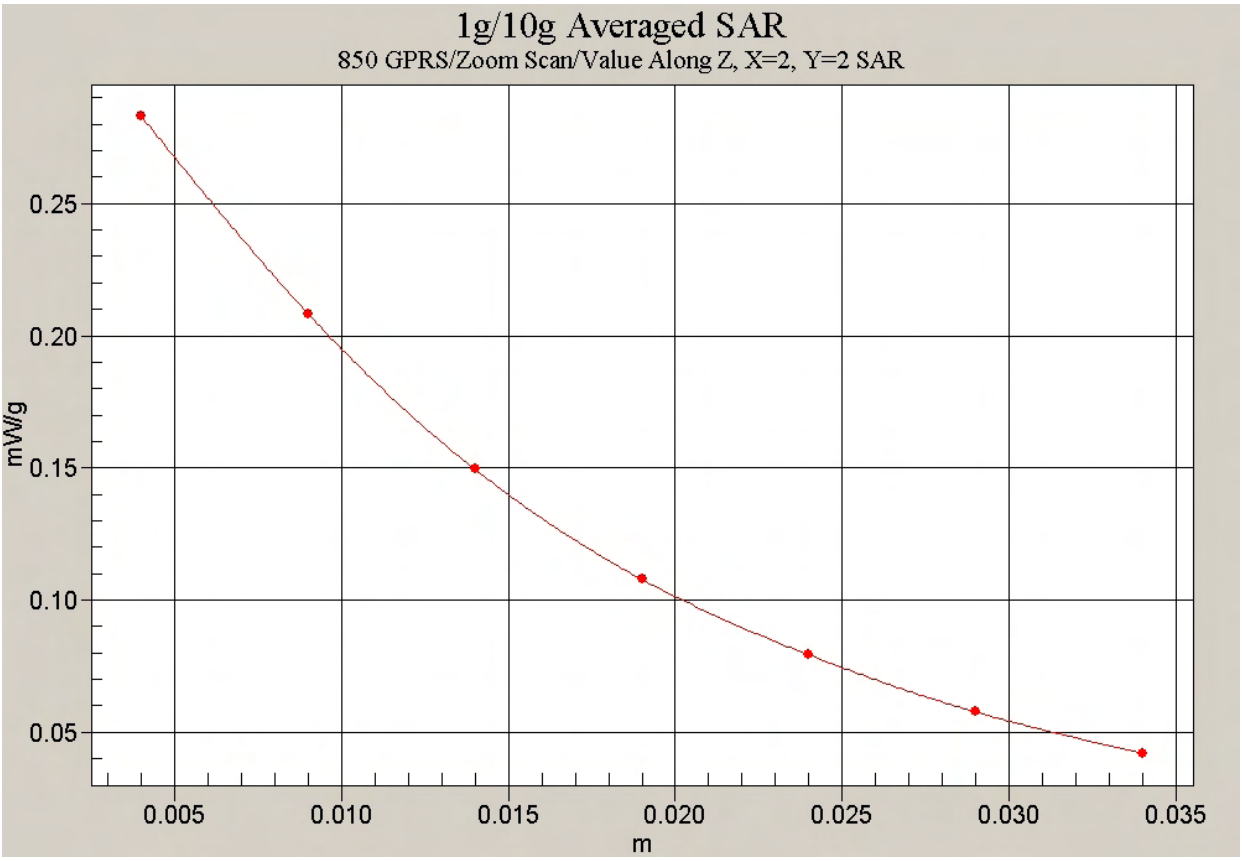


Fig. 44 Z-Scan at power reference point (Flat Phantom 850MHz CH251 GPRS with the display of the handset towards the phantom)

850 Body Towards Phantom Middle With GPRS

Electronics: DAE3 Sn536

Communication System: GSM 850 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

Reference Value = 16.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.354 mW/g

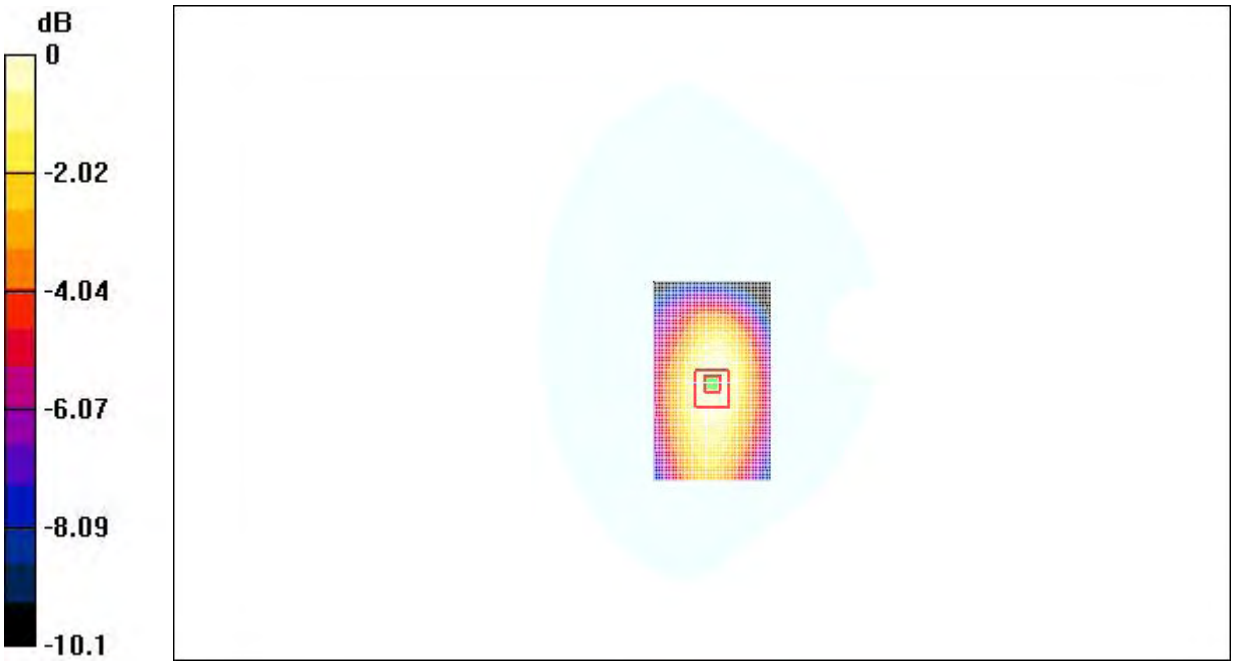
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.348 mW/g

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.231 mW/g



0 dB = 0.348mW/g

Fig. 45 Flat Phantom Body-worn Position 850MHz CH190 GPRS with the display of the handset towards the phantom

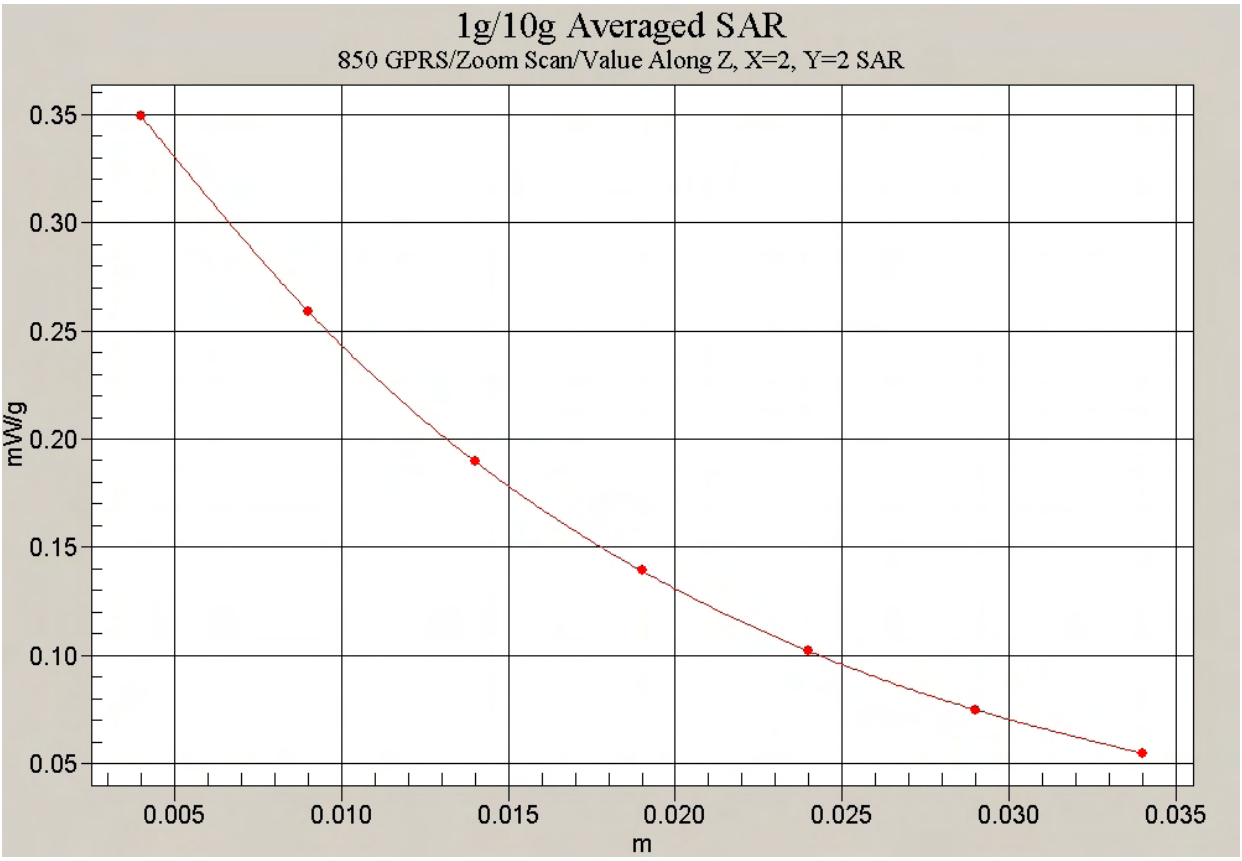


Fig. 46 Z-Scan at power reference point (Flat Phantom 850MHz CH190 GPRS with the display of the handset towards the phantom)

850 Body Towards Phantom Low With GPRS

Electronics: DAE3 Sn536

Communication System: GSM 850 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

Reference Value = 16.4 V/m; Power Drift = -0.2 dB

Maximum value of SAR (interpolated) = 0.411 mW/g

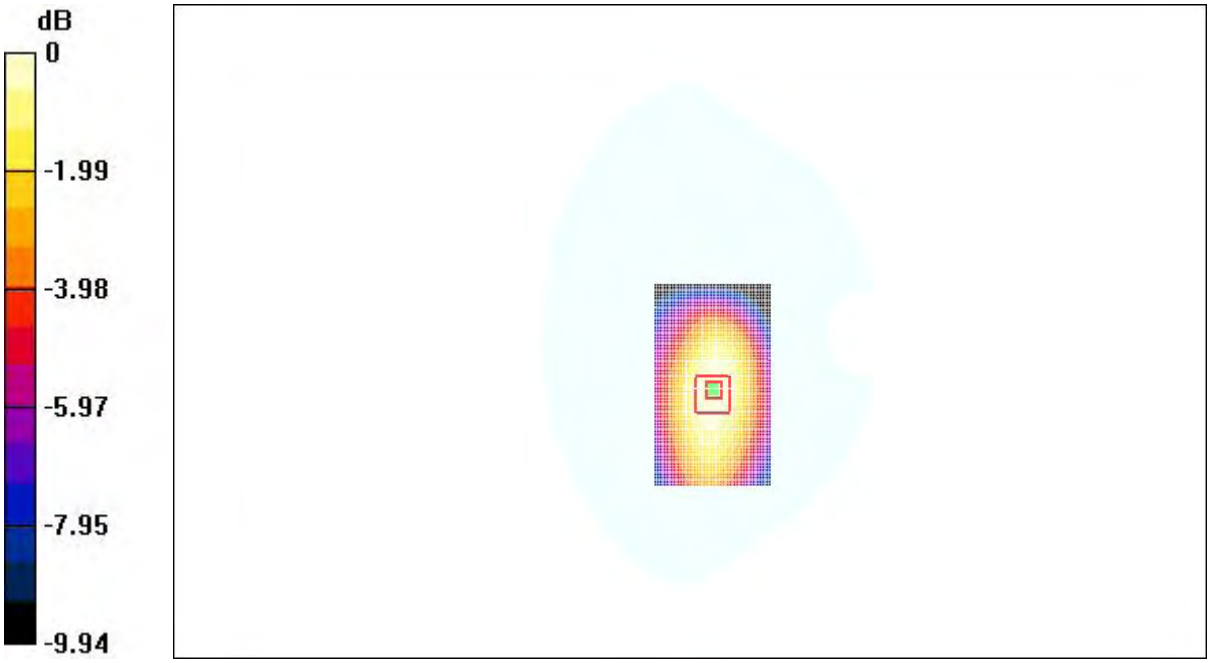
Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.401 mW/g

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.269 mW/g



0 dB = 0.401mW/g

Fig. 47 Flat Phantom Body-worn Position 850MHz CH128 GPRS with the display of the handset towards the phantom

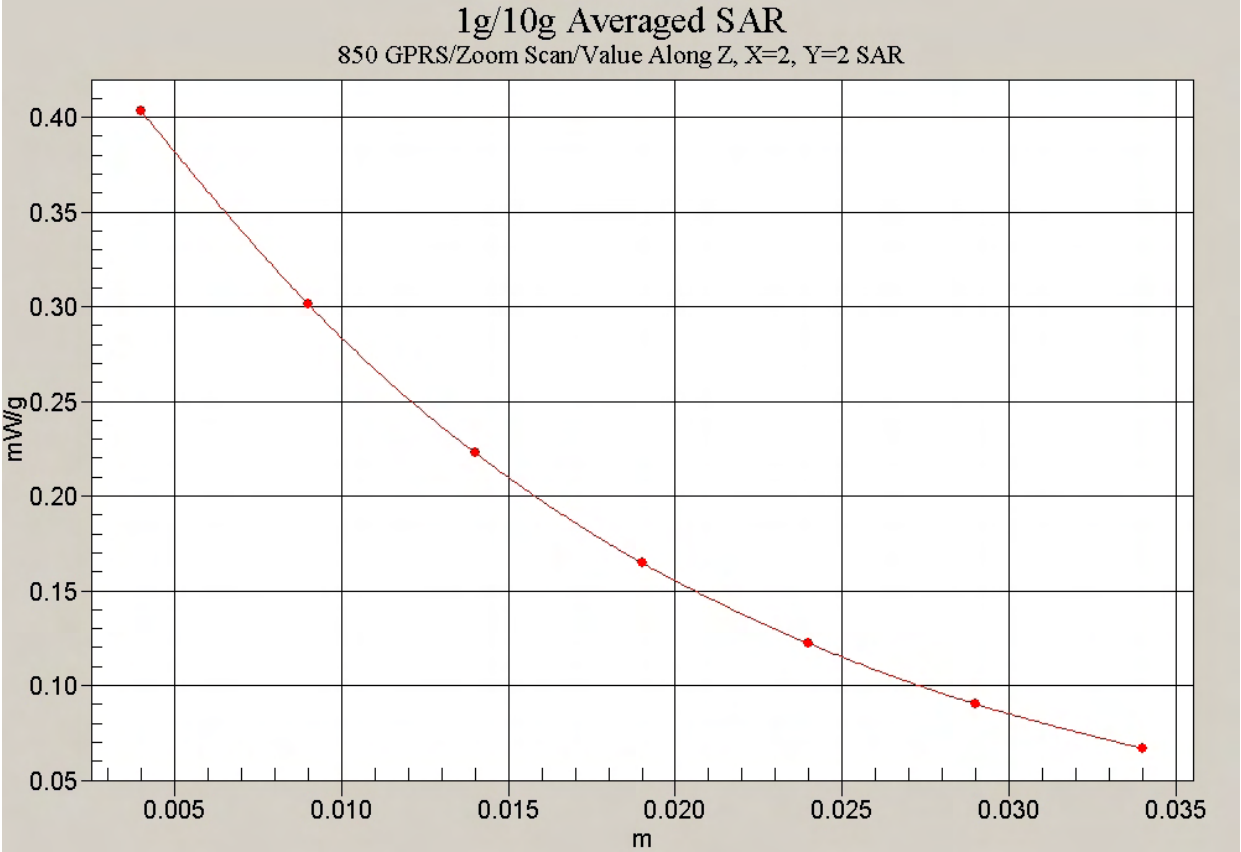


Fig. 48 Z-Scan at power reference point (Flat Phantom 850MHz CH128 GPRS with the display of the handset towards the phantom)

1900 Left Cheek High

Electronics: DAE3 Sn536

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

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

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

Reference Value = 8.95 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.142 mW/g

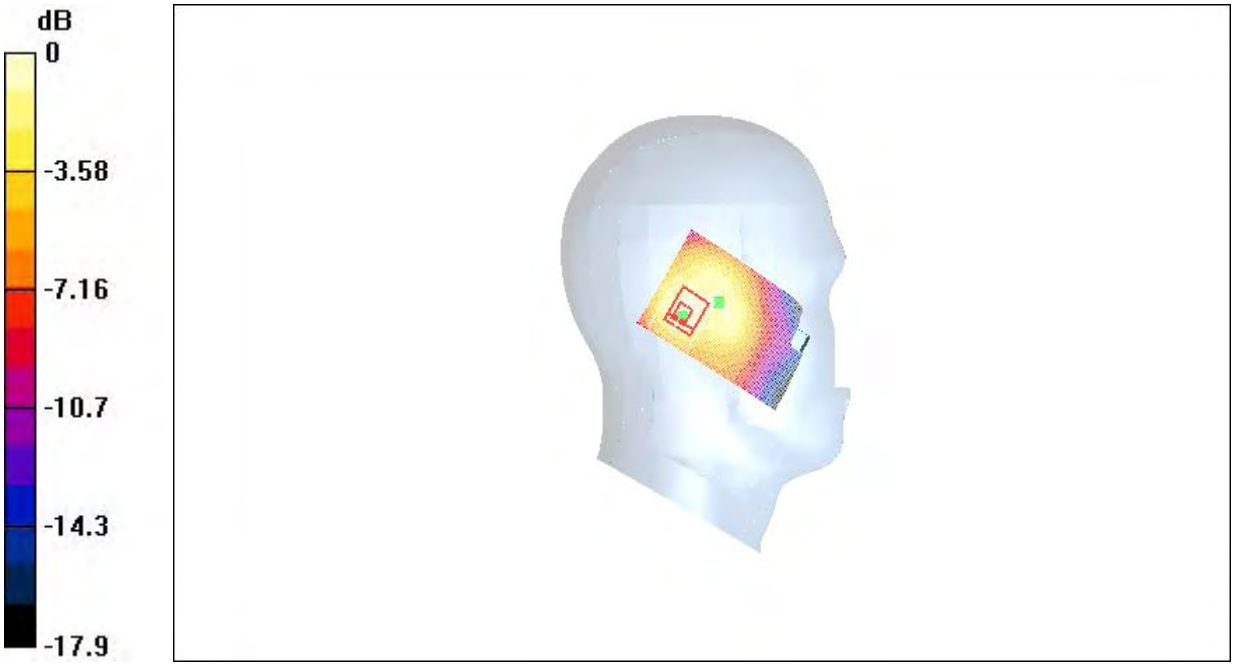
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.95 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.155 mW/g

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.078 mW/g



0 dB = 0.155mW/g

Fig. 49 Left Hand Touch Cheek PCS 1900MHz CH810

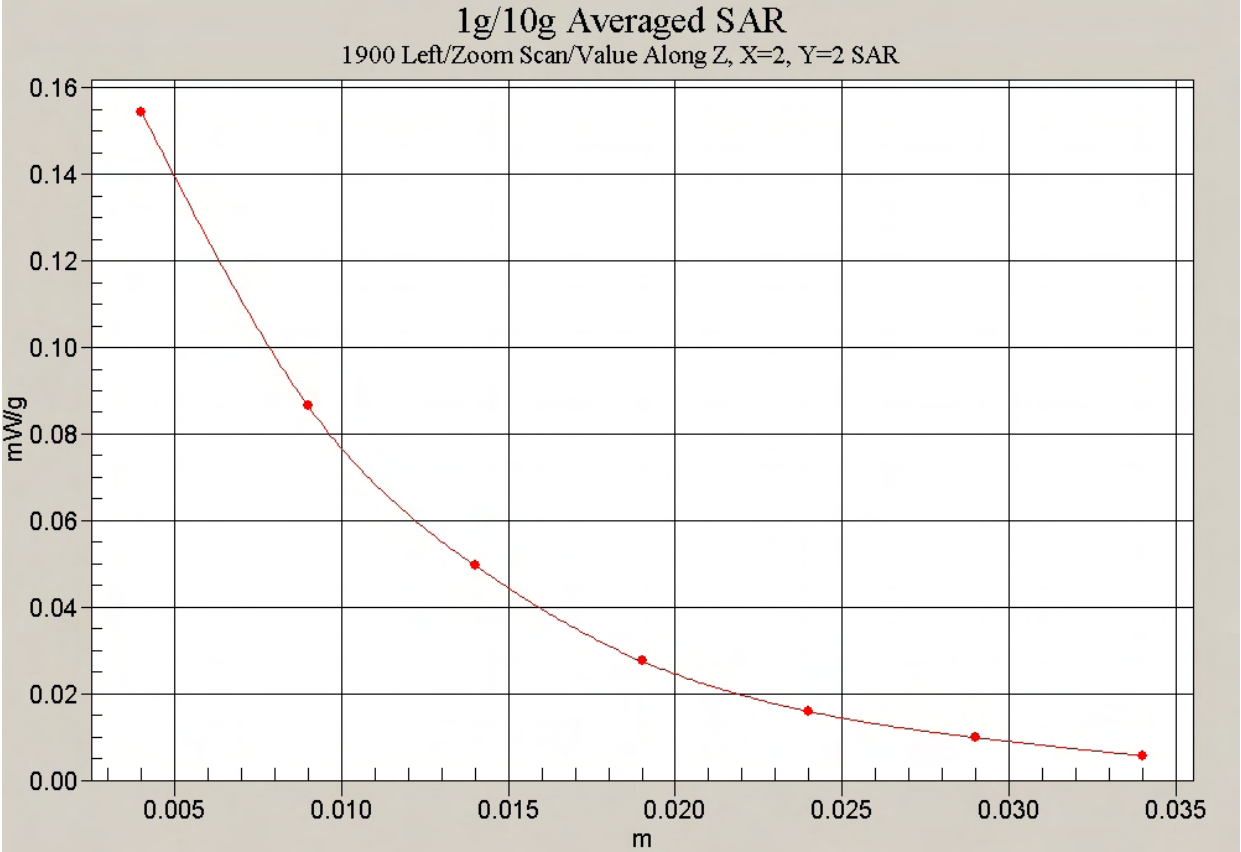


Fig. 50 Z-Scan at power reference point (Left Hand Touch Cheek 1900MHz CH810)

1900 Left Cheek Middle

Electronics: DAE3 Sn536

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

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

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

Reference Value = 11.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 0.231 mW/g

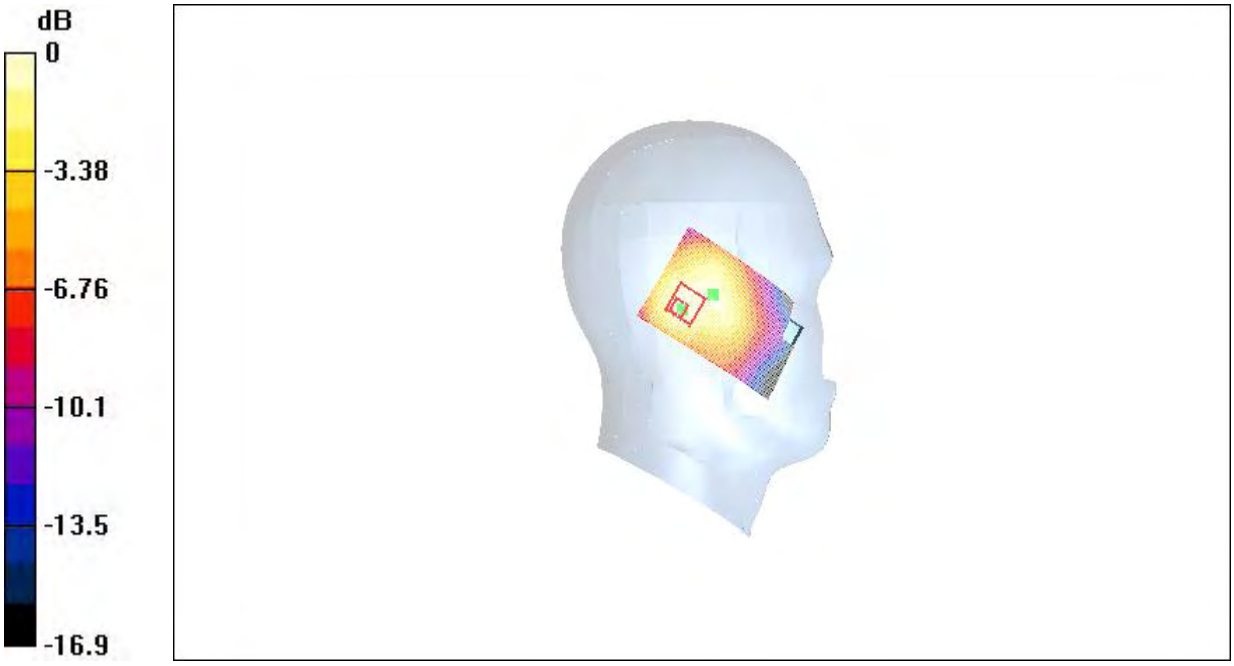
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.241 mW/g

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.128 mW/g



0 dB = 0.241mW/g

Fig. 51 Left Hand Touch Cheek PCS 1900MHz CH661

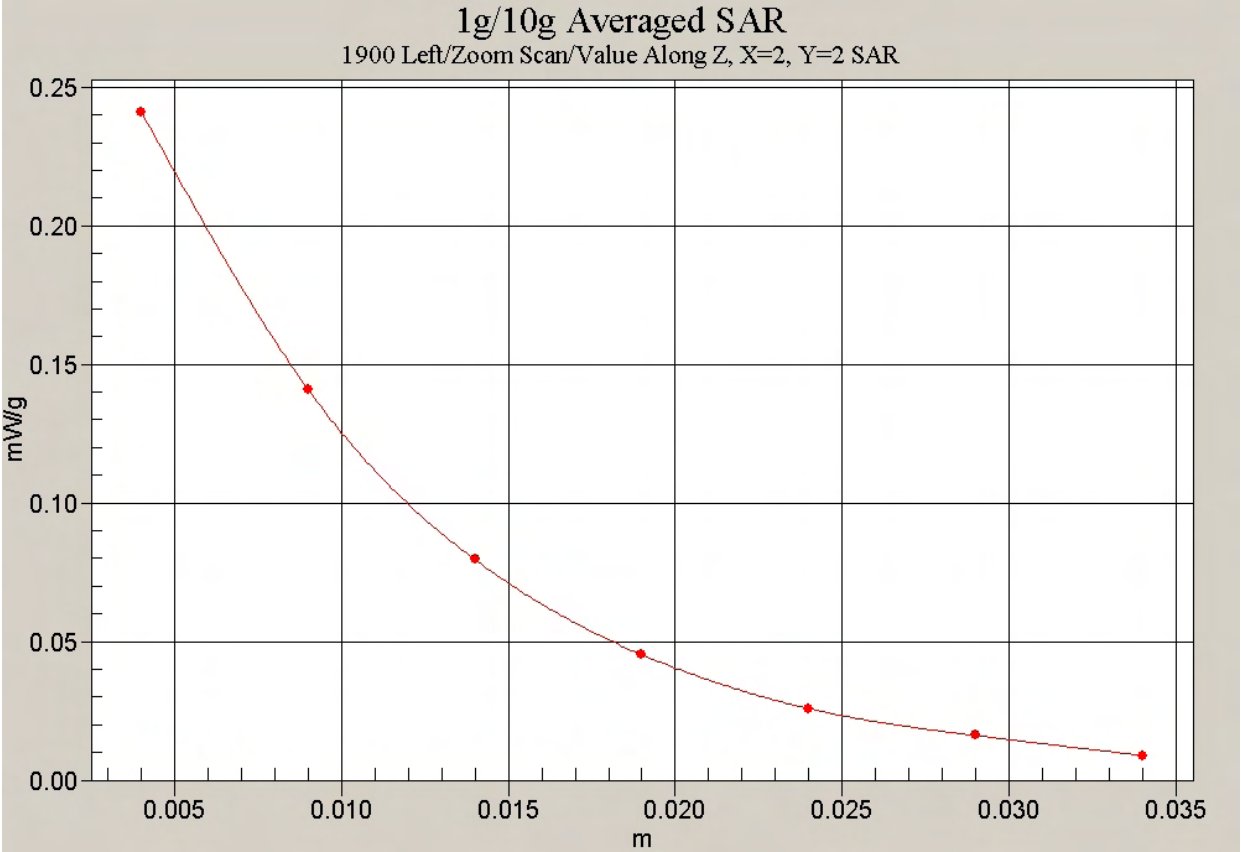
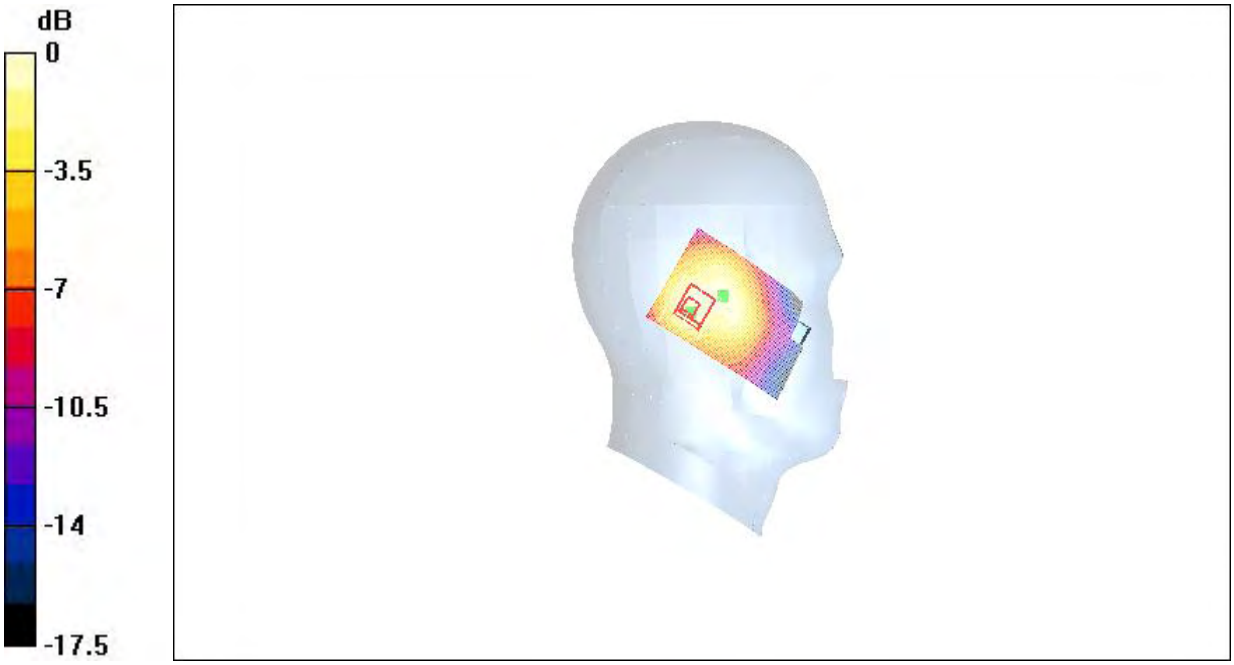


Fig. 52 Z-Scan at power reference point (Left Hand Touch Cheek 1900MHz CH661)

1900 Left Cheek Low
Electronics: DAE3 Sn536
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 14.4 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 0.344 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 0.357 mW/g
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.192 mW/g



0 dB = 0.357mW/g

Fig. 53 Left Hand Touch Cheek PCS1900MHz CH512

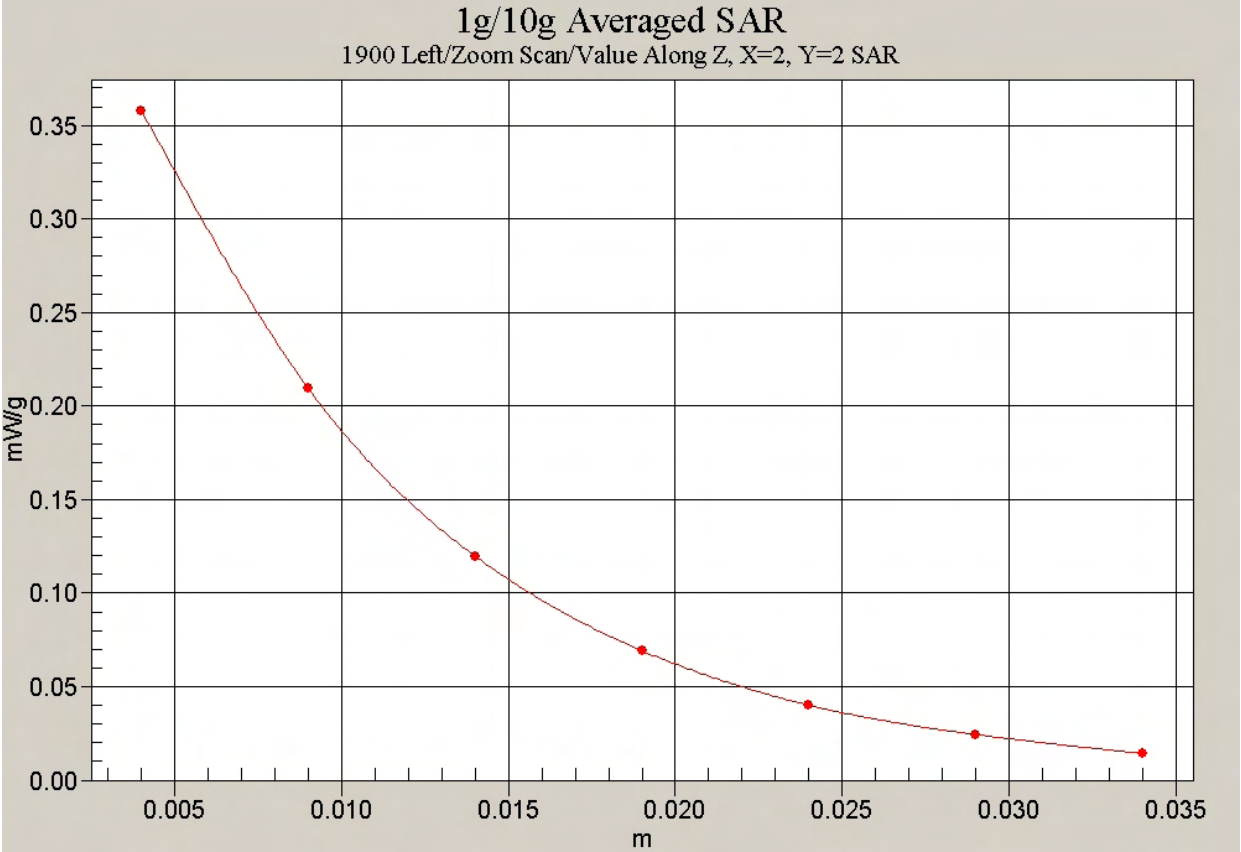


Fig. 54 Z-Scan at power reference point (Left Hand Touch Cheek 1900MHz CH512)

1900 Left Tilt High

Electronics: DAE3 Sn536

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

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

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

Reference Value = 9.21 V/m; Power Drift = -0.2 dB

Maximum value of SAR (interpolated) = 0.160 mW/g

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

Reference Value = 9.21 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.167 mW/g

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.082 mW/g

0 dB = 0.167mW/g

Fig. 55 Left Hand Tilt 15°PCS1900MHz CH810

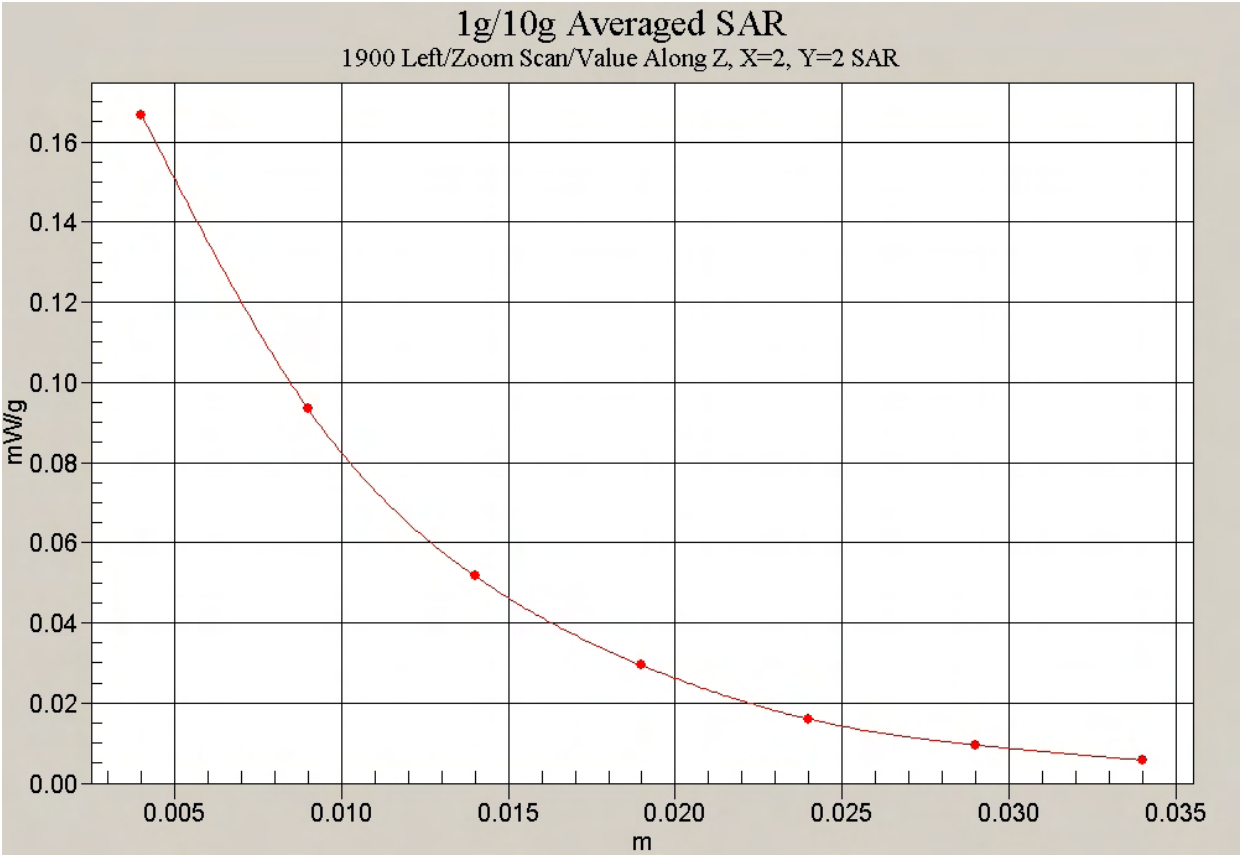


Fig. 56 Z-Scan at power reference point (Left Hand Tilt 15° 1900MHz CH810)

1900 Left Tilt Middle

Electronics: DAE3 Sn536

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

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

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

Reference Value = 12.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.258 mW/g

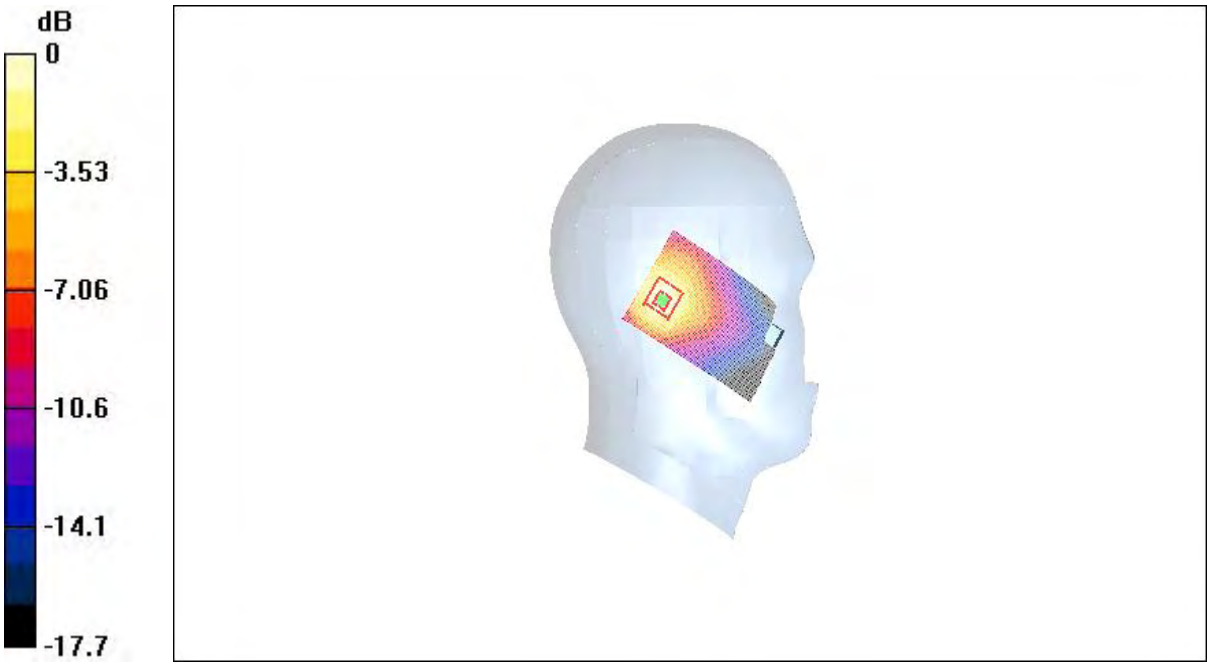
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.279 mW/g

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.135 mW/g



0 dB = 0.279mW/g

Fig. 57 Left Hand Tilt 15°PCS1900MHz CH661

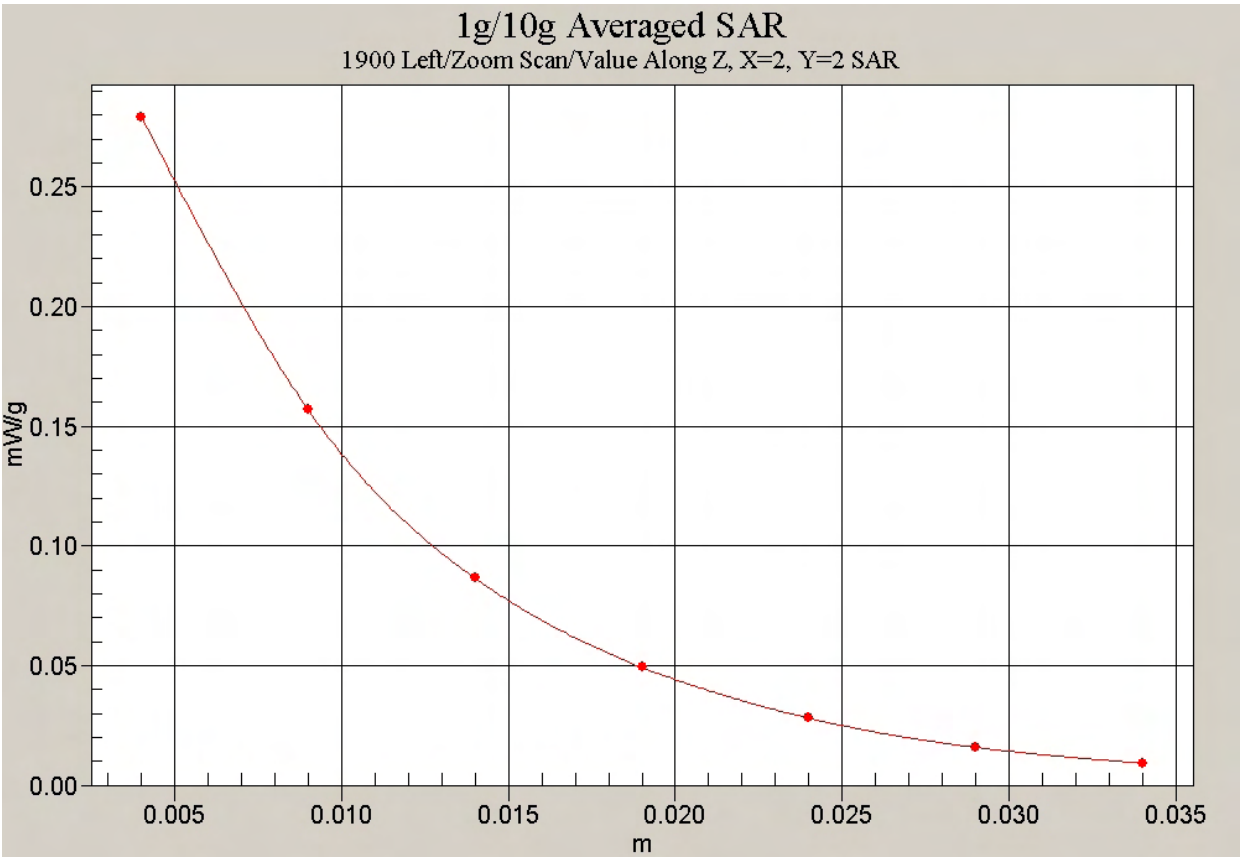


Fig. 58 Z-Scan at power reference point (Left Hand Tilt 15° 1900MHz CH661)

1900 Left Tilt Low

Electronics: DAE3 Sn536

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

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

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

Reference Value = 14.7 V/m; Power Drift = 0.2 dB

Maximum value of SAR (interpolated) = 0.385 mW/g

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

Reference Value = 14.7 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.395 mW/g

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.202 mW/g

0 dB = 0.395mW/g

Fig. 59 Left Hand Tilt 15°PCS1900MHz CH512

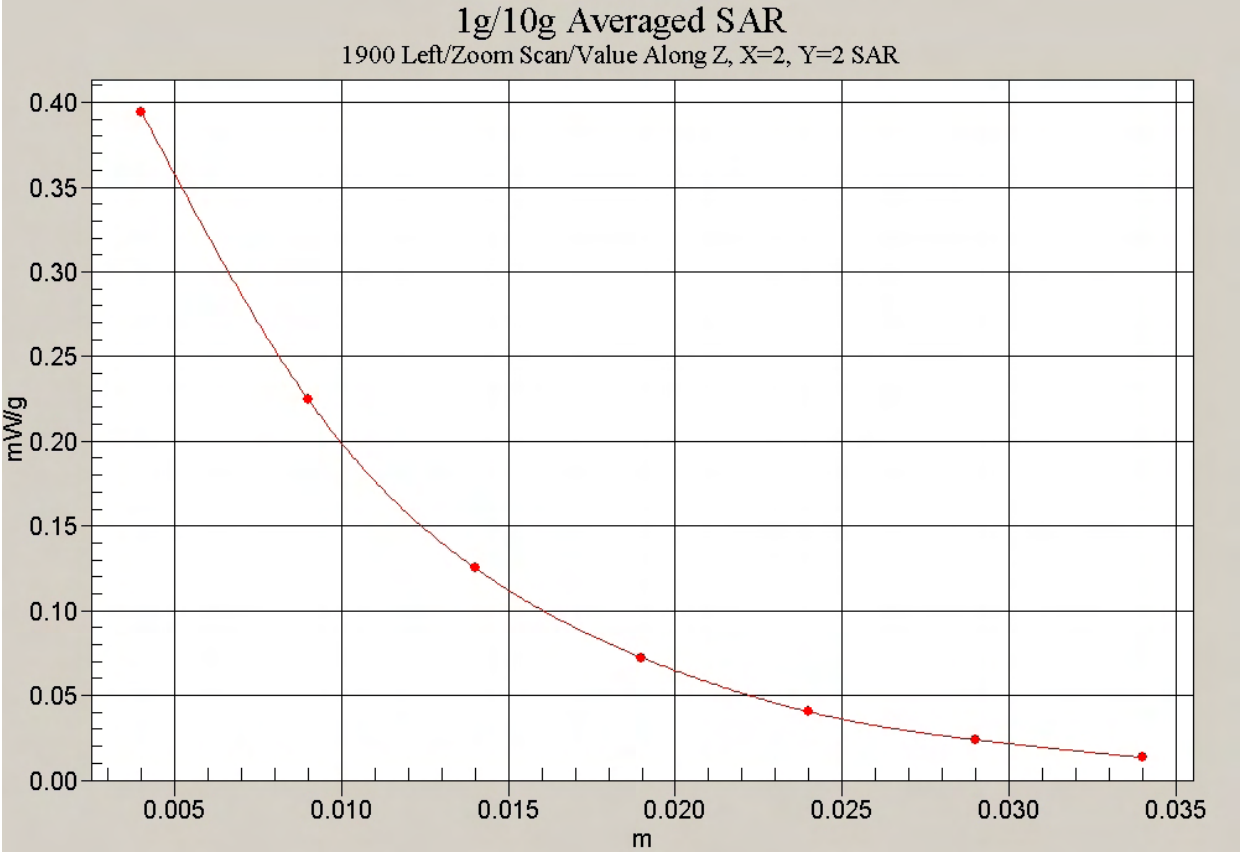


Fig.60 Z-Scan at power reference point (Left Hand Tilt 15° 1900MHz CH512)

1900 Right Cheek High

Electronics: DAE3 Sn536

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

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

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

Reference Value = 9.13 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.258 mW/g

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

Reference Value = 9.13 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.278 mW/g

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.114 mW/g

0 dB = 0.278mW/g

Fig. 61 Right Hand Touch Cheek PCS1900MHz CH810

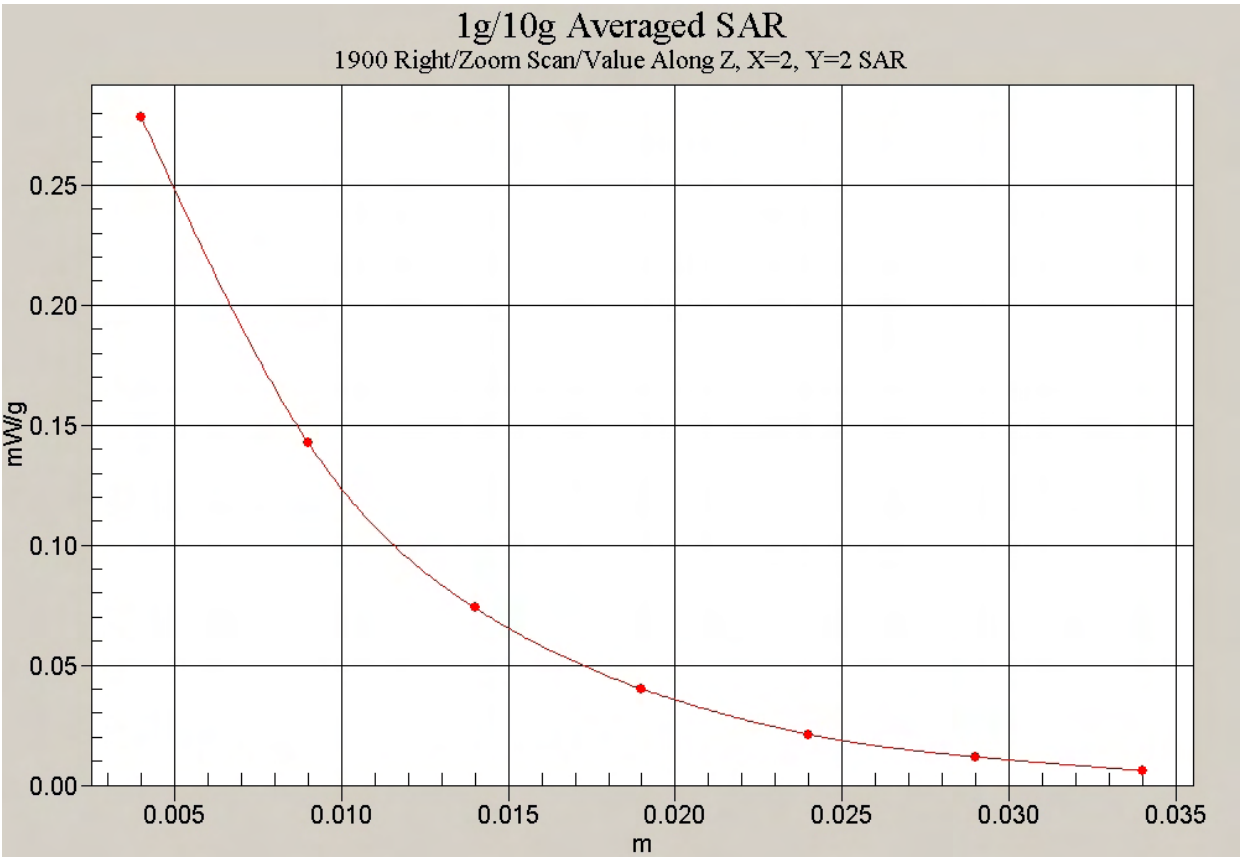


Fig. 62 Z-Scan at power reference point (Right Hand Touch Cheek 1900MHz CH810)