1900 Right Tilt High-slide down
Date/Time: 2007-8-10 12:01:23

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used: f = 1910 MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3

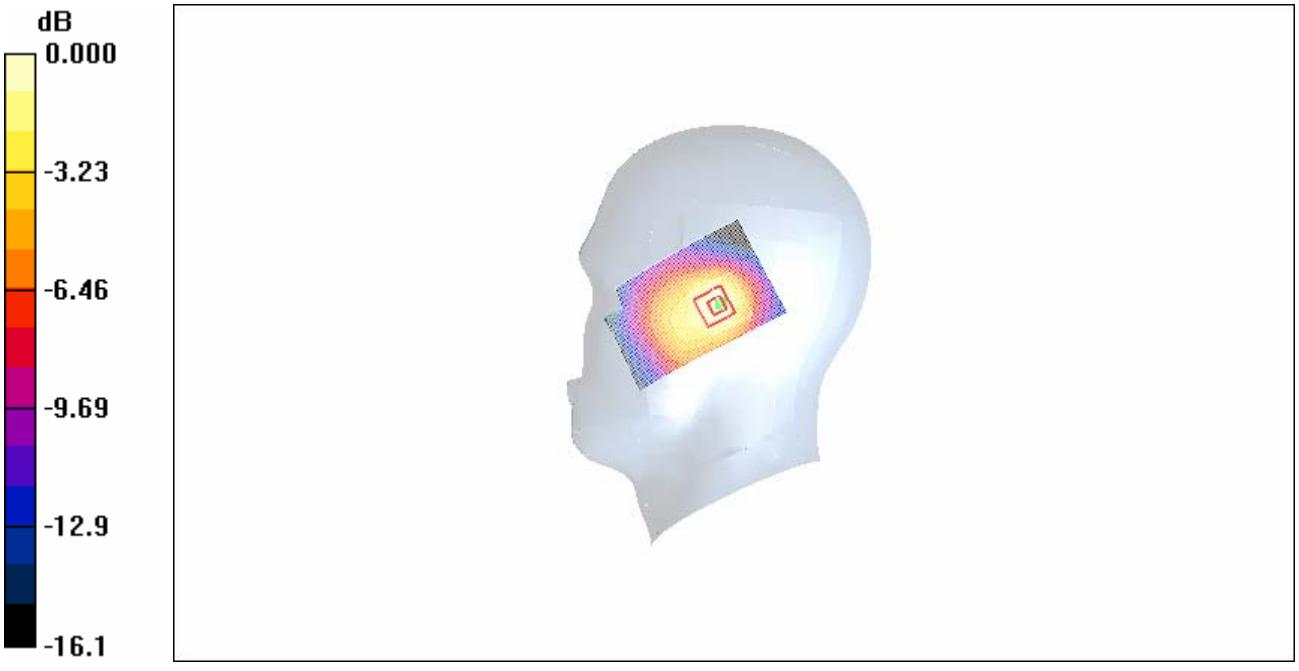
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz new 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
Maximum value of SAR (interpolated) = 0.416 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.388mW/g

Fig. 45 1900 MHz CH810

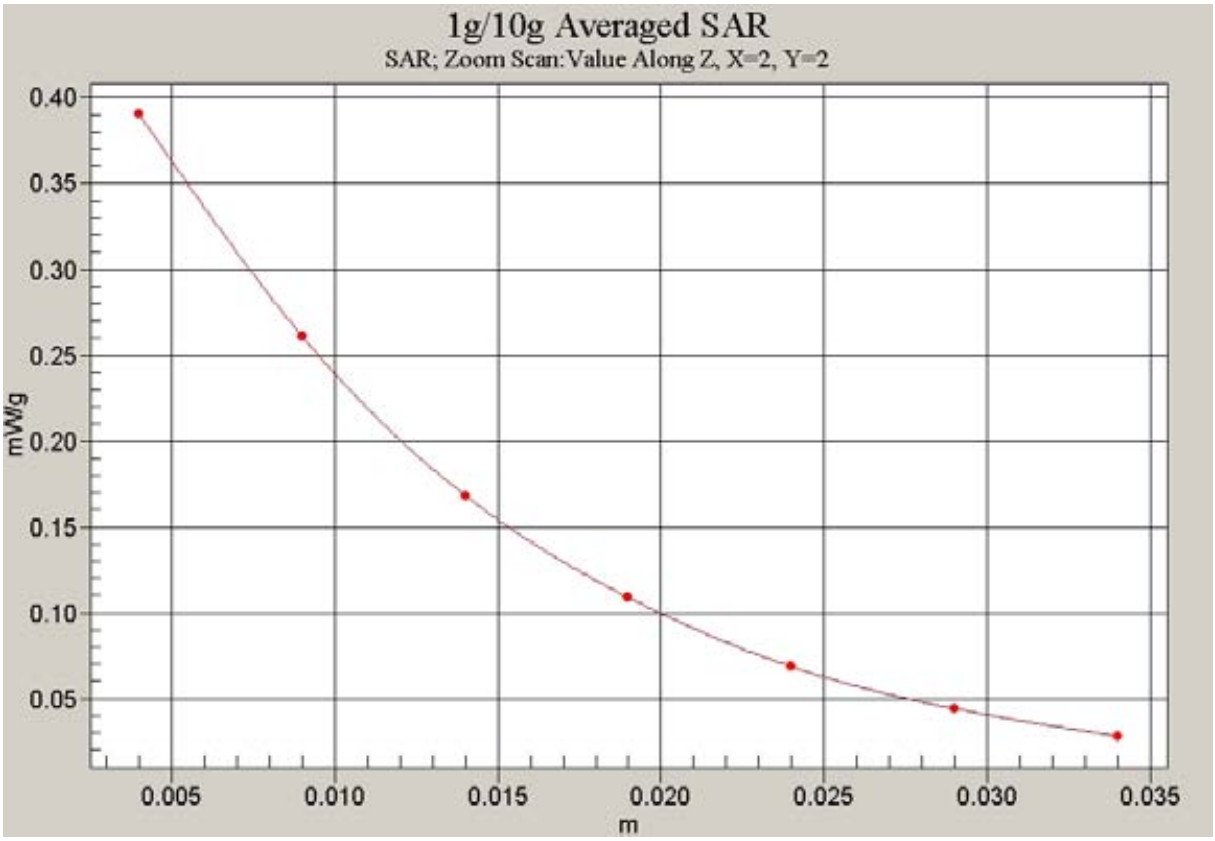


Fig. 46 Z-Scan at power reference point (1900 MHz CH810)

1900 Right Tilt Middle-slide down
Date/Time: 2007-8-10 11:39:52

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

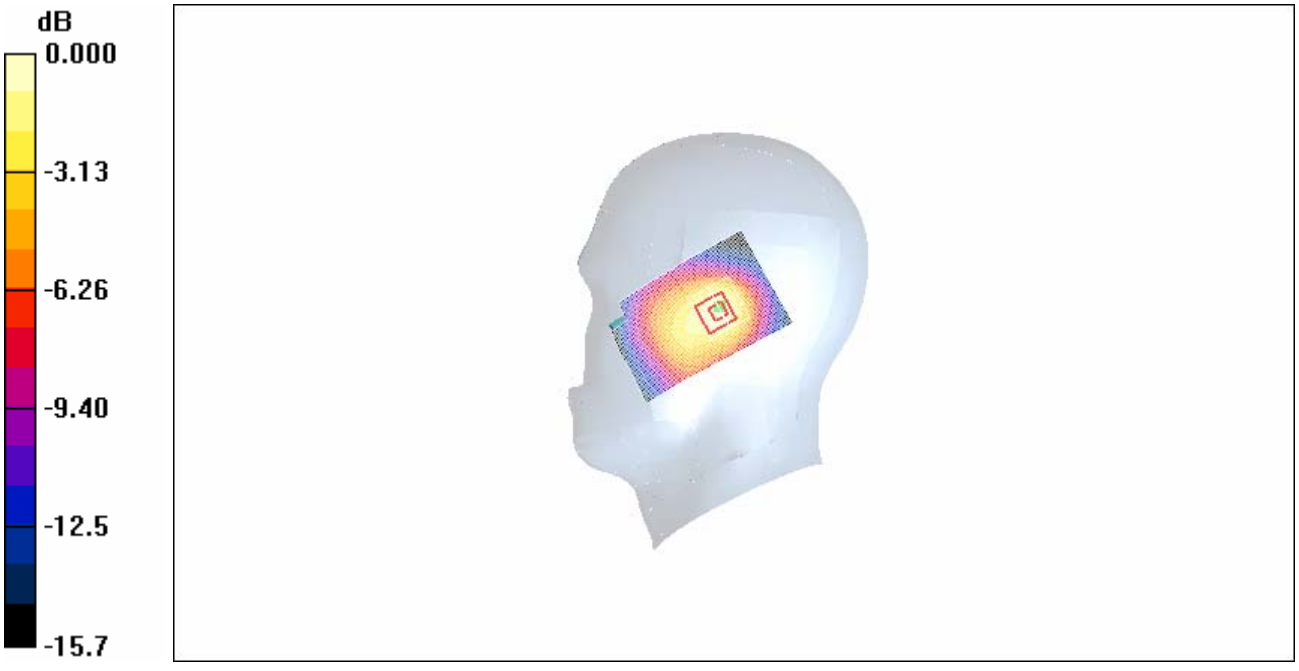
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz new 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
Maximum value of SAR (interpolated) = 0.413 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.398 mW/g



0 dB = 0.398mW/g

Fig.47 1900 MHz CH661

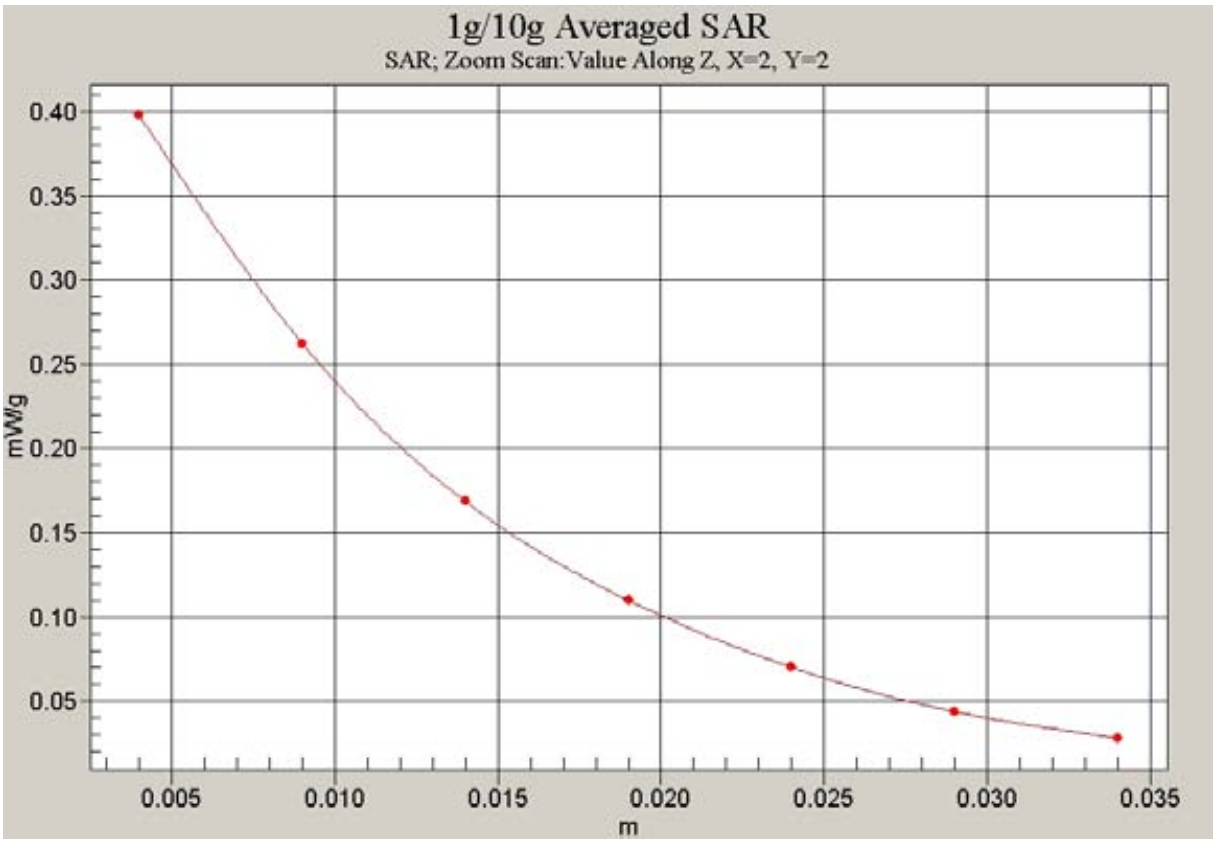


Fig. 48 Z-Scan at power reference point (1900 MHz CH661)

1900 Right Tilt Low-slide down
Date/Time: 2007-8-10 11:17:33

Electronics: DAE3 Sn536

Medium: 1900 Head

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

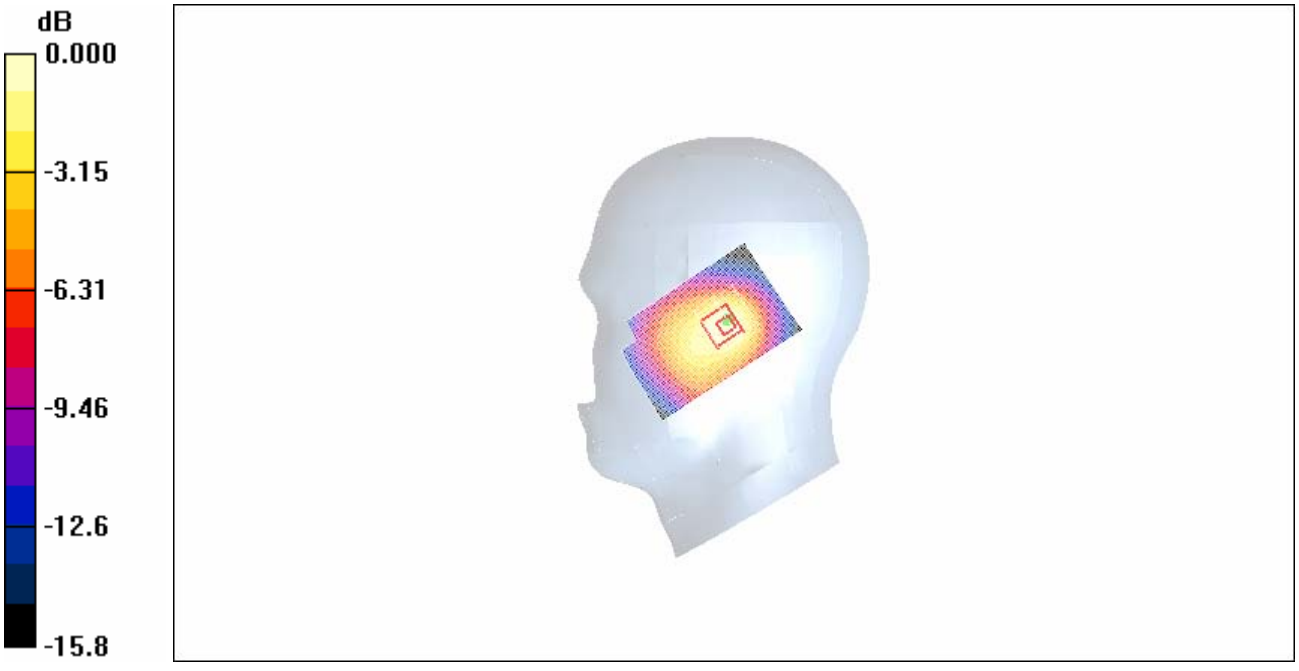
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz new 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
Maximum value of SAR (interpolated) = 0.383 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.369mW/g

Fig.49 1900 MHz CH512

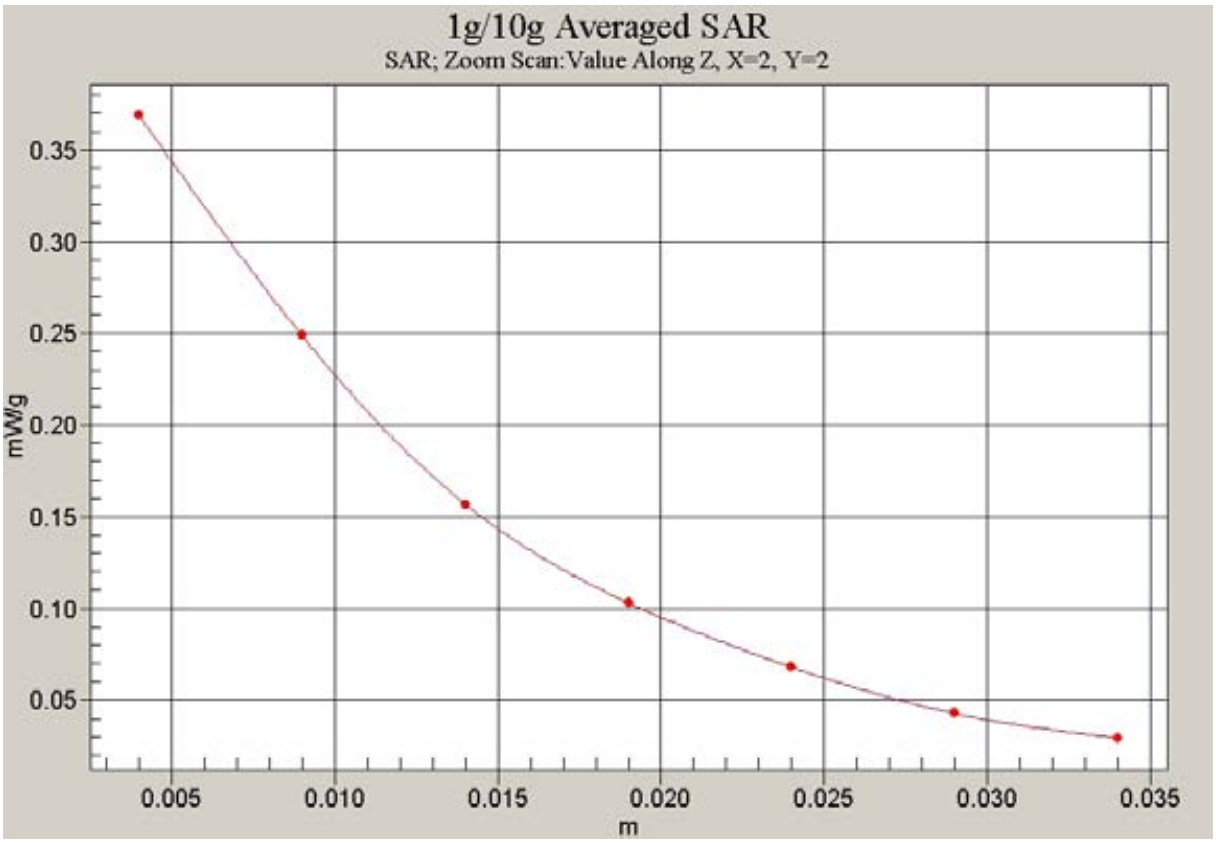


Fig. 50 Z-Scan at power reference point (1900 MHz CH512)

1900 Left Cheek Low-slide up
Date/Time: 2007-8-10 12:35:28

Electronics: DAE3 Sn536

Medium: 1900 Head

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

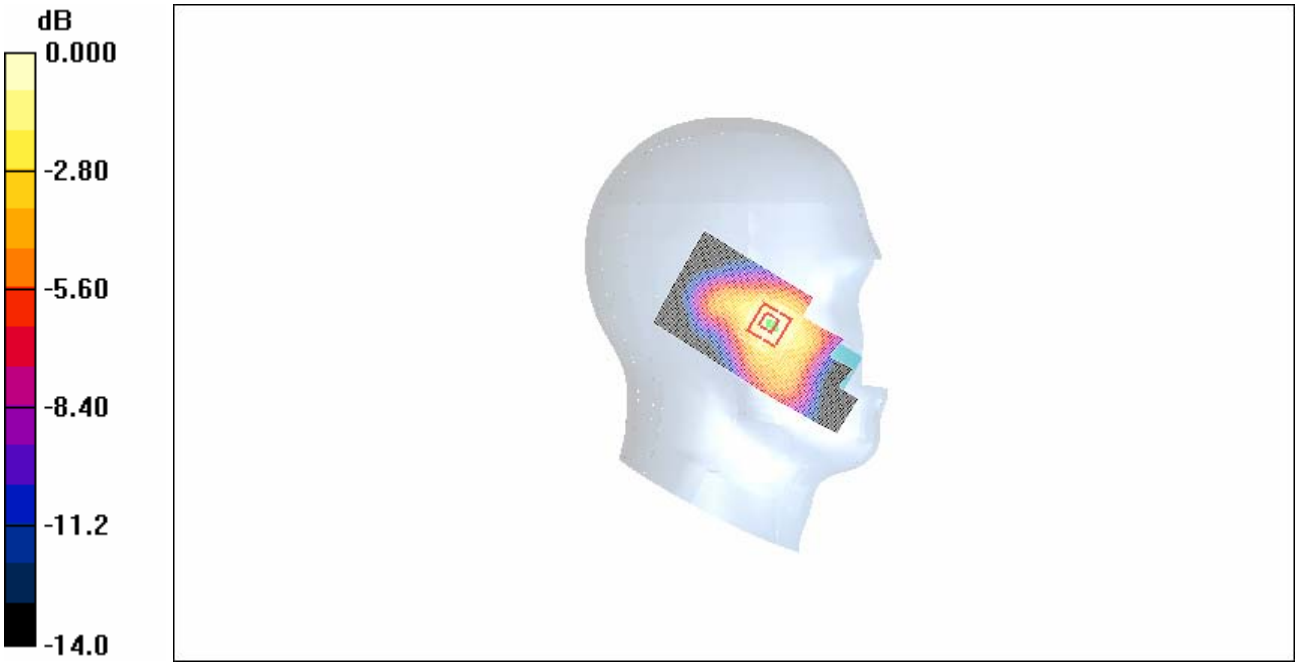
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

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

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

Cheek Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.358 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.17 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

Fig. 51 1900 MHz CH512

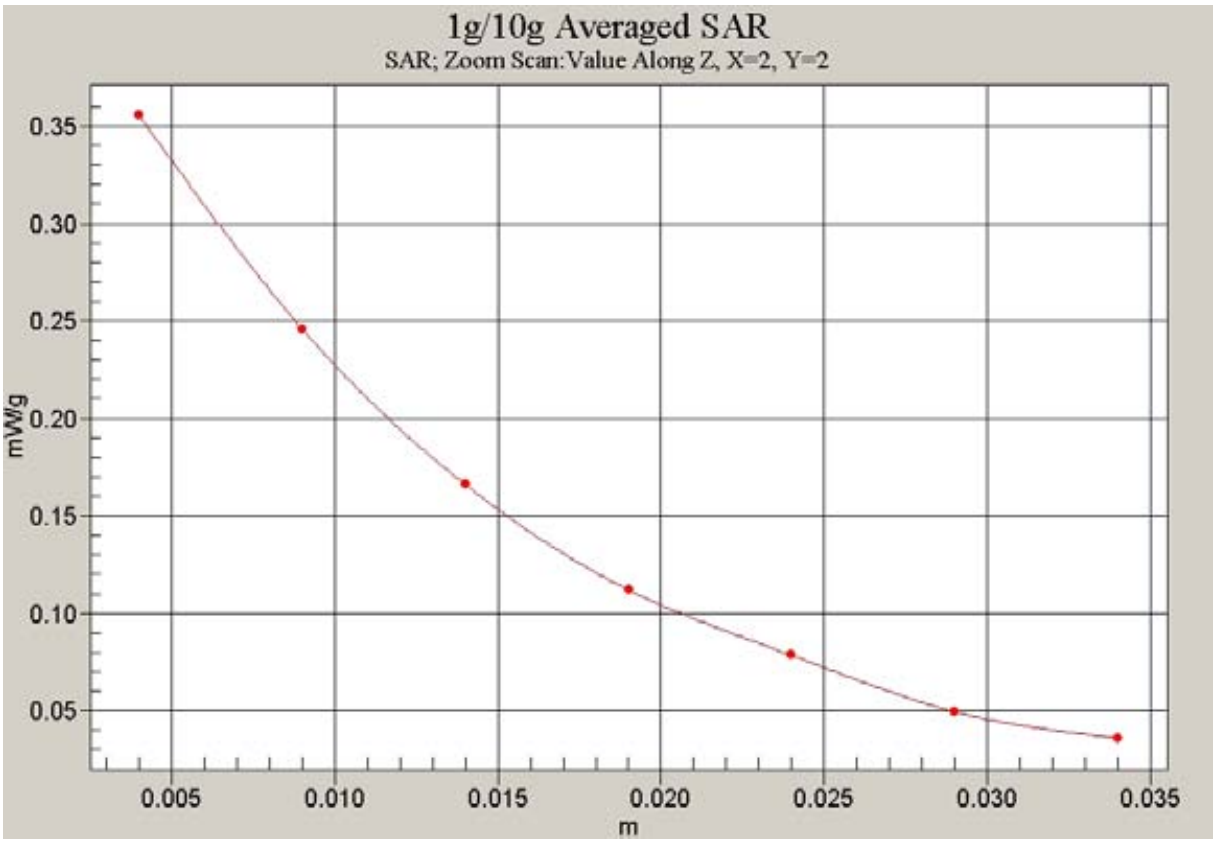


Fig. 52 Z-Scan at power reference point (1900 MHz CH512)

850 Body GPRS Toward Phantom High-slide down
Date/Time: 2007-8-8 13:45:26

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.01 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3

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

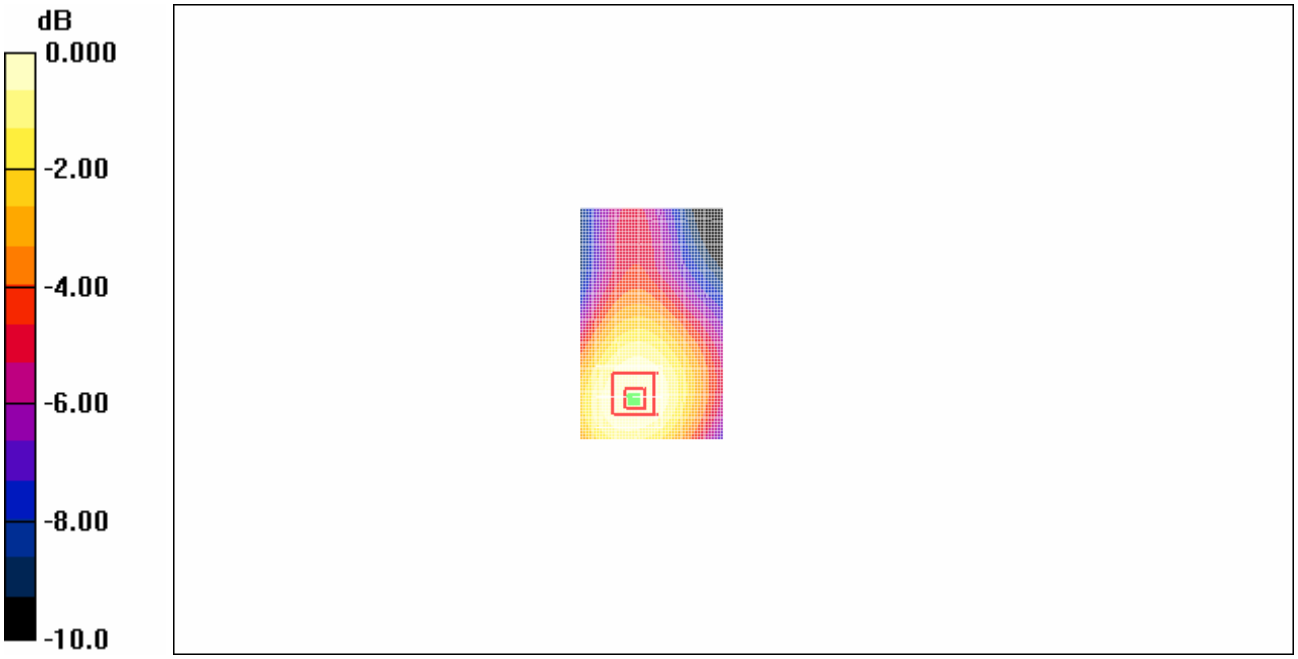
Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

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

Toward Phantom High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Toward Phantom High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.223mW/g

Fig. 53 850 MHz CH251

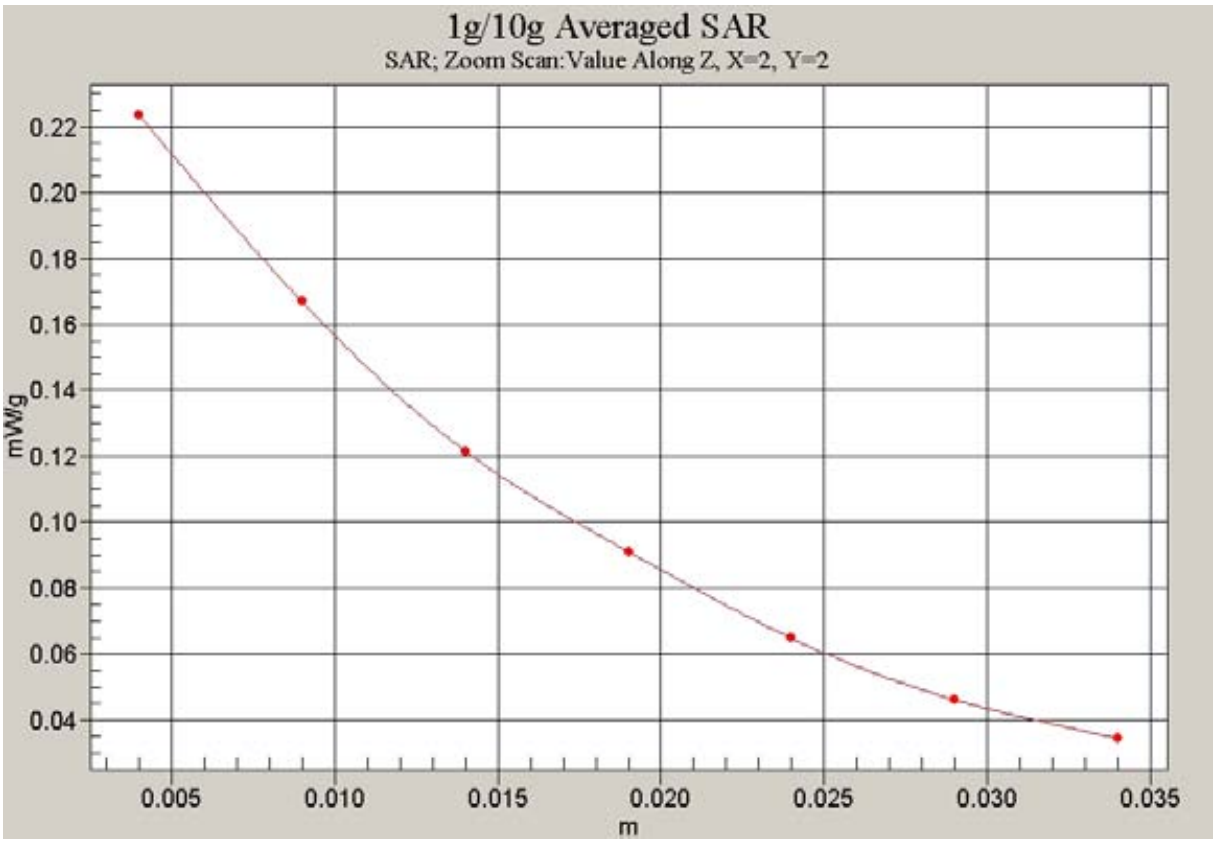


Fig. 54 Z-Scan at power reference point (850 MHz CH251)

850 Body GPRS Toward Phantom Middle -slide down
Date/Time: 2007-8-8 14:07:18

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 1 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3

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

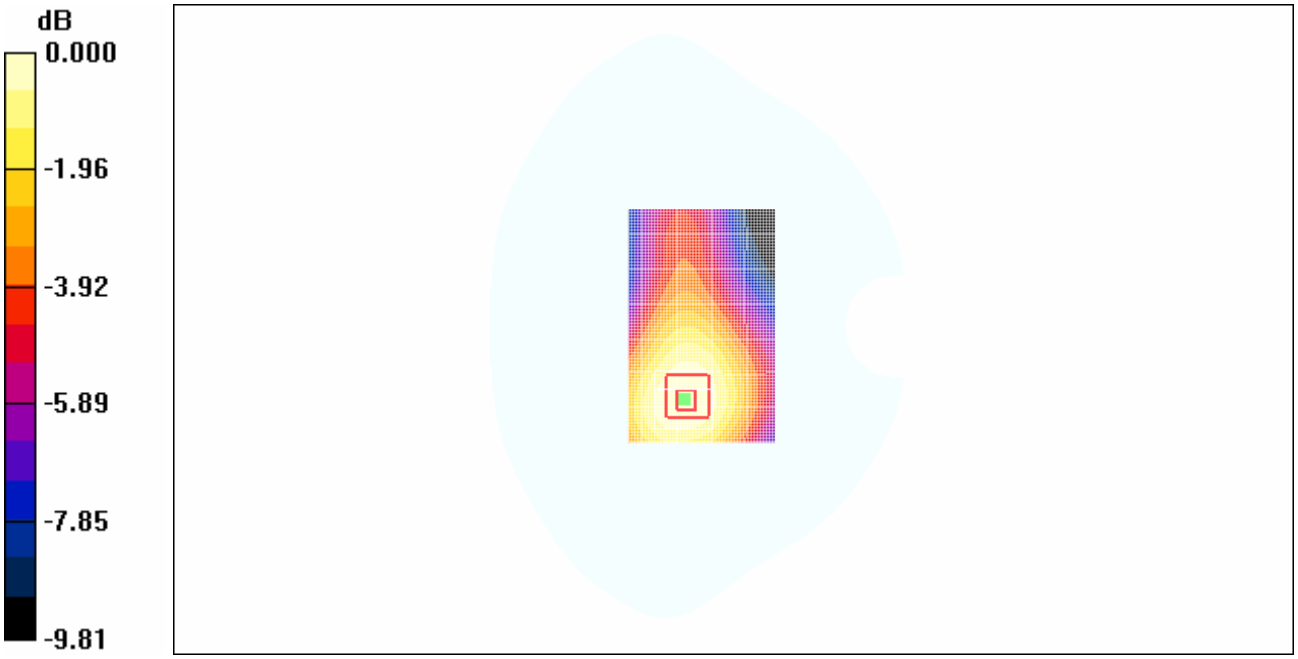
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

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

Toward Phantom Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Toward Phantom Middle/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.248 mW/g



0 dB = 0.248mW/g

Fig. 55 850 MHz CH190

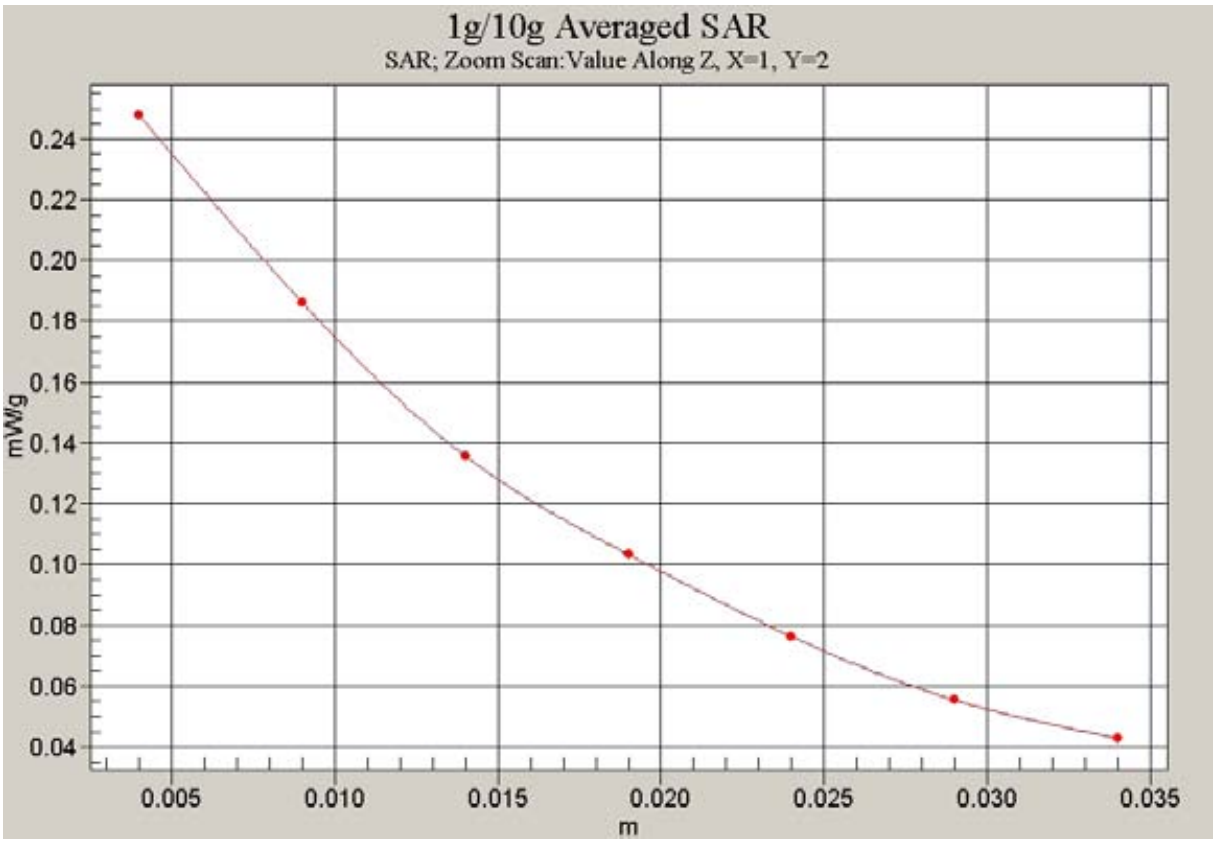


Fig. 56 Z-Scan at power reference point (850 MHz CH190)

850 Body GPRS Toward Phantom Low-slide down
Date/Time: 2007-8-8 14:29:21

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: f = 825 MHz; σ = 0.99 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3

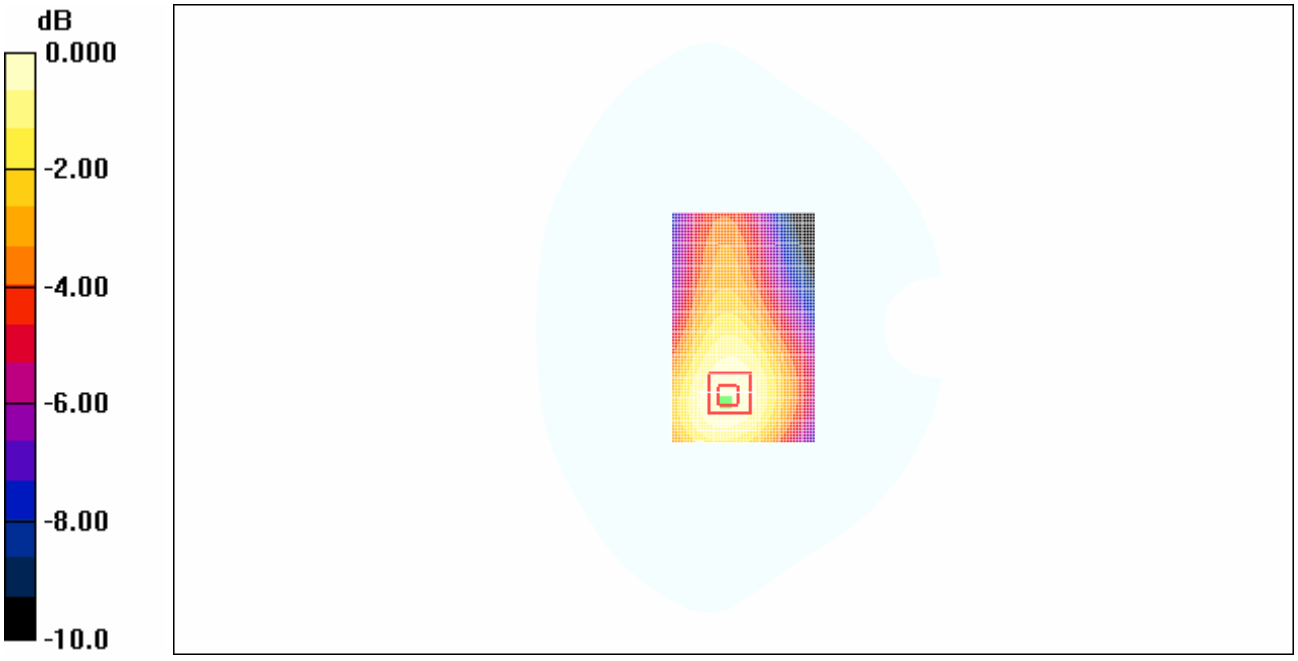
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

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

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

Toward Phantom Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.281 mW/g

Toward Phantom Low/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.280mW/g

Fig. 57 850 MHz CH128

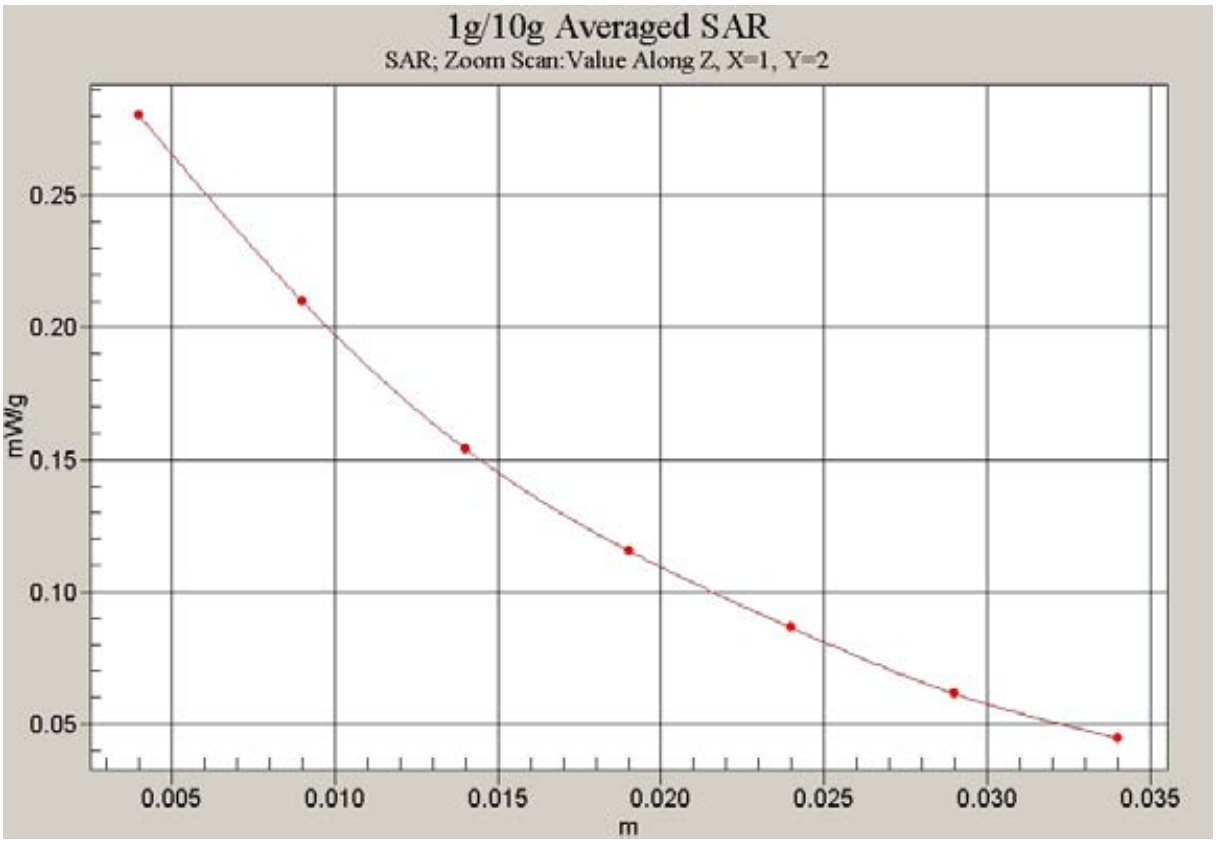


Fig. 58 Z-Scan at power reference point (850 MHz CH128)

850 Body GPRS Toward Ground High-slide down
Date/Time: 2007-8-8 15:33:35

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.01 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3

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

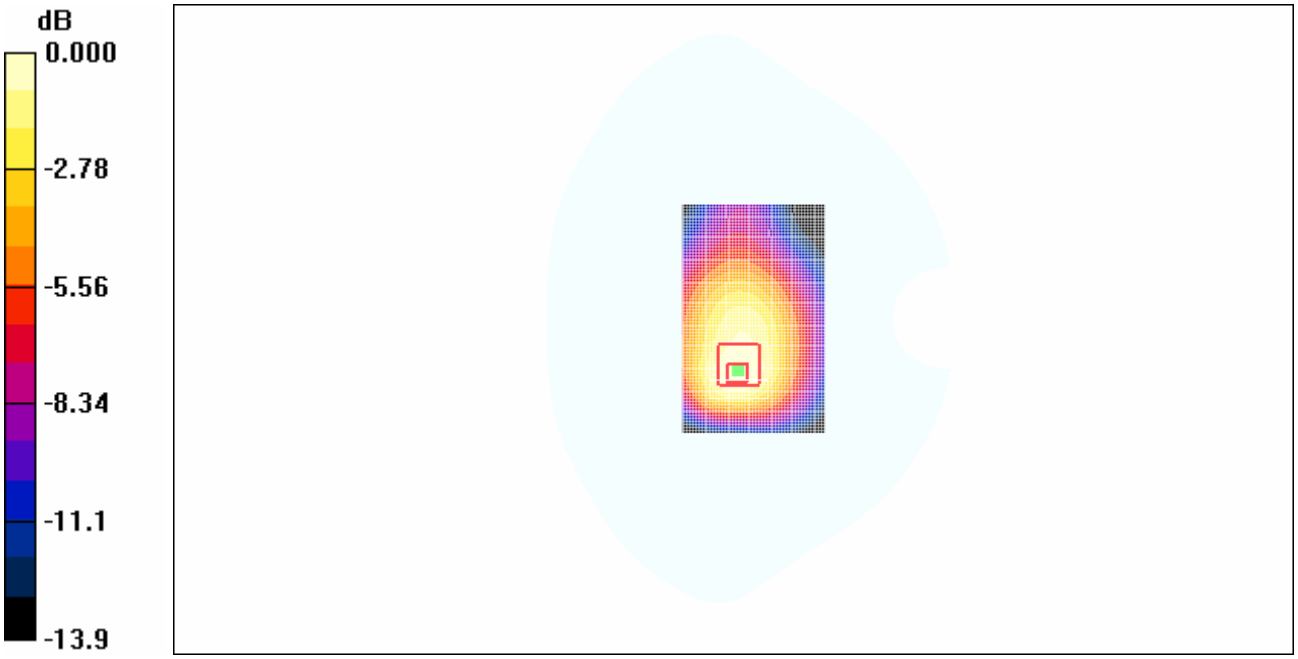
Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

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

Toward Ground High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.689 mW/g

Toward Ground High/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 22.1 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.385 mW/g
Maximum value of SAR (measured) = 0.632 mW/g



0 dB = 0.632mW/g

Fig. 59 850 MHz CH251

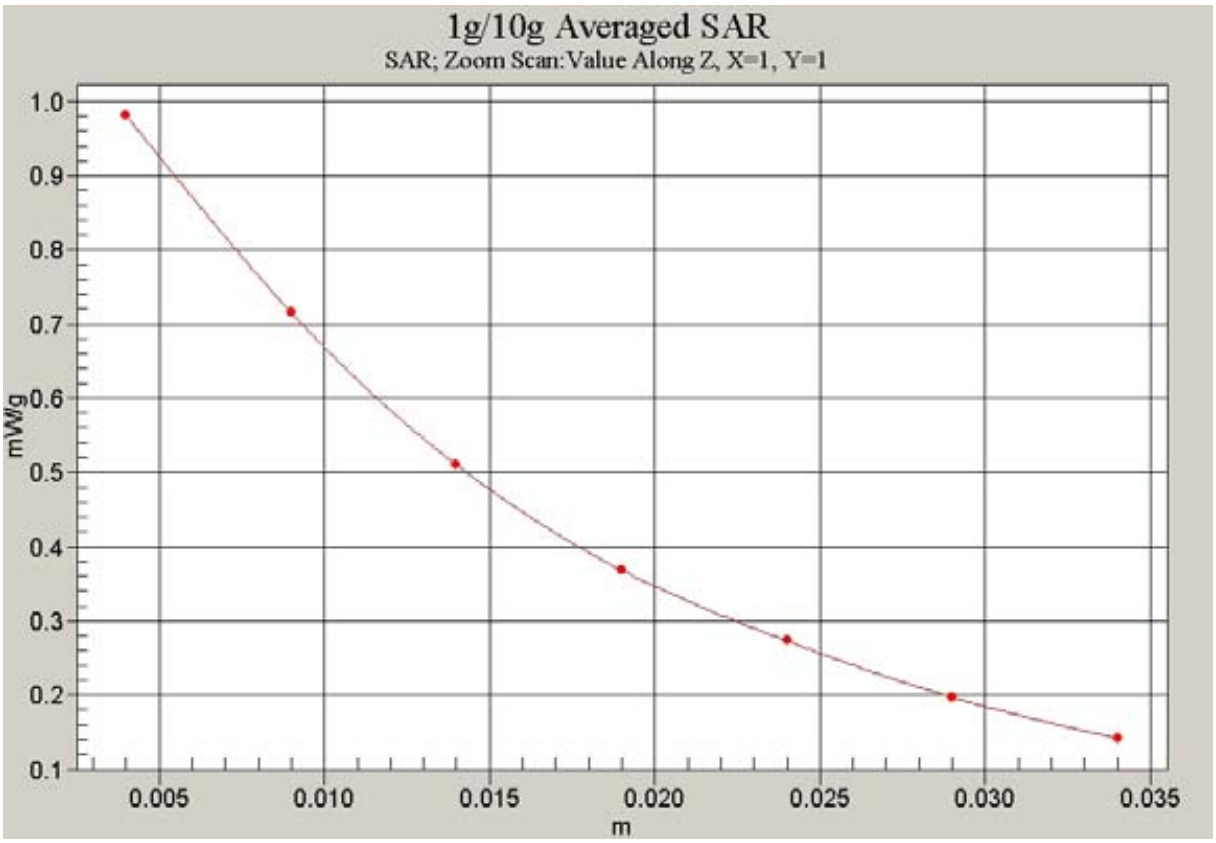


Fig. 60 Z-Scan at power reference point (850 MHz CH251)

850 Body GPRS Toward Ground Middle-slide down
Date/Time: 2007-8-8 15:10:02

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 1 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3

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

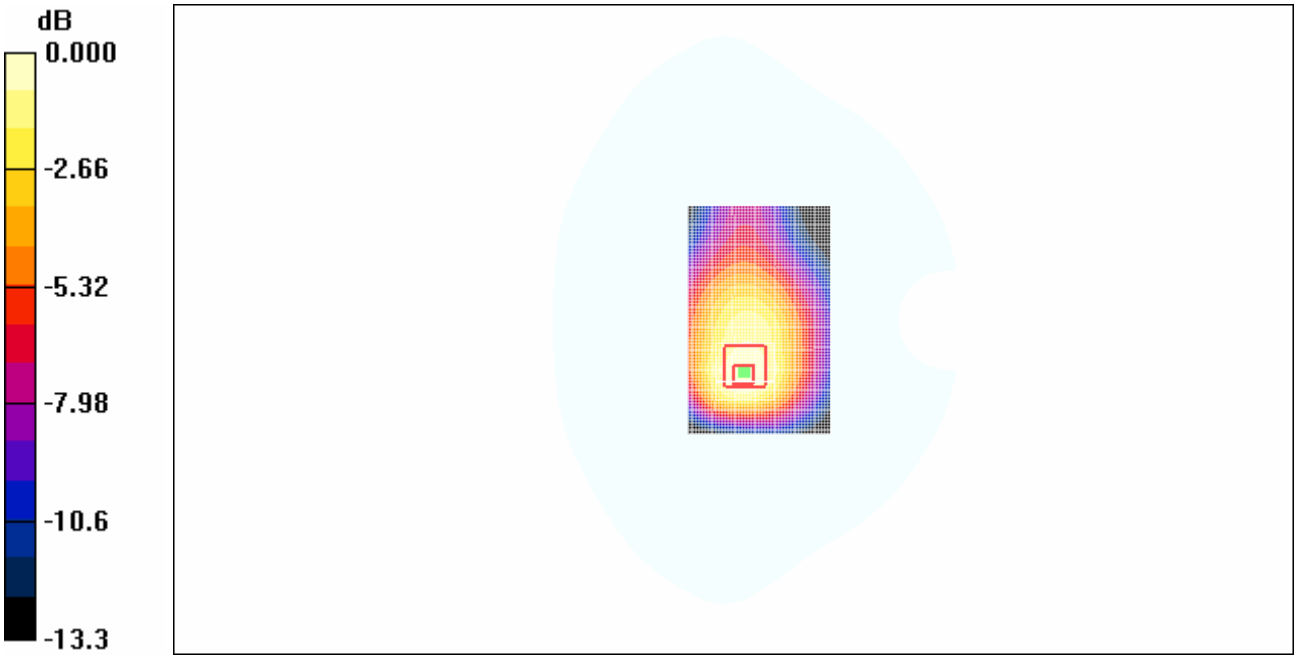
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

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

Toward Ground Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.796 mW/g

Toward Ground Middle/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 23.6 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

Fig. 61 850 MHz CH190

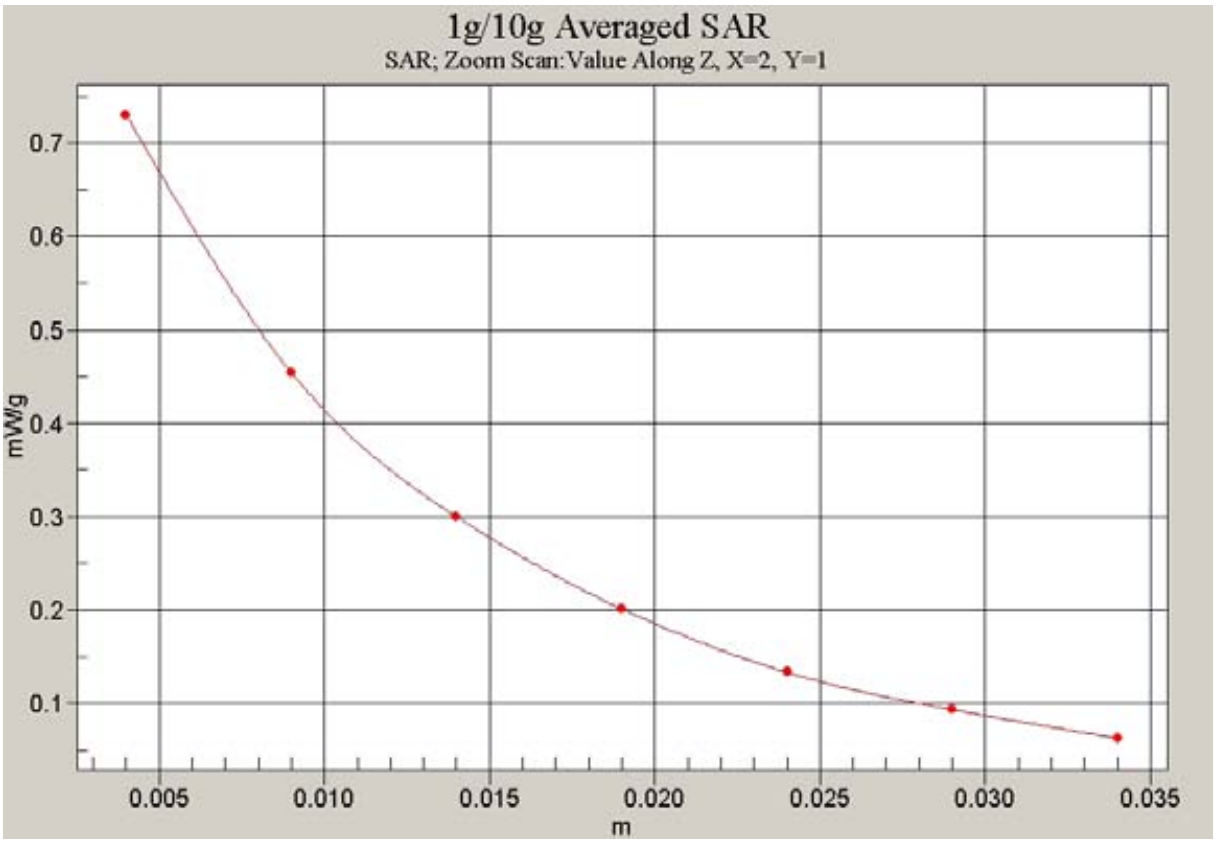


Fig. 62 Z-Scan at power reference point (850 MHz CH190)

850 Body GPRS Toward Ground Low-slide down
Date/Time: 2007-8-8 14:48:18

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: f = 825 MHz; σ = 0.99 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3

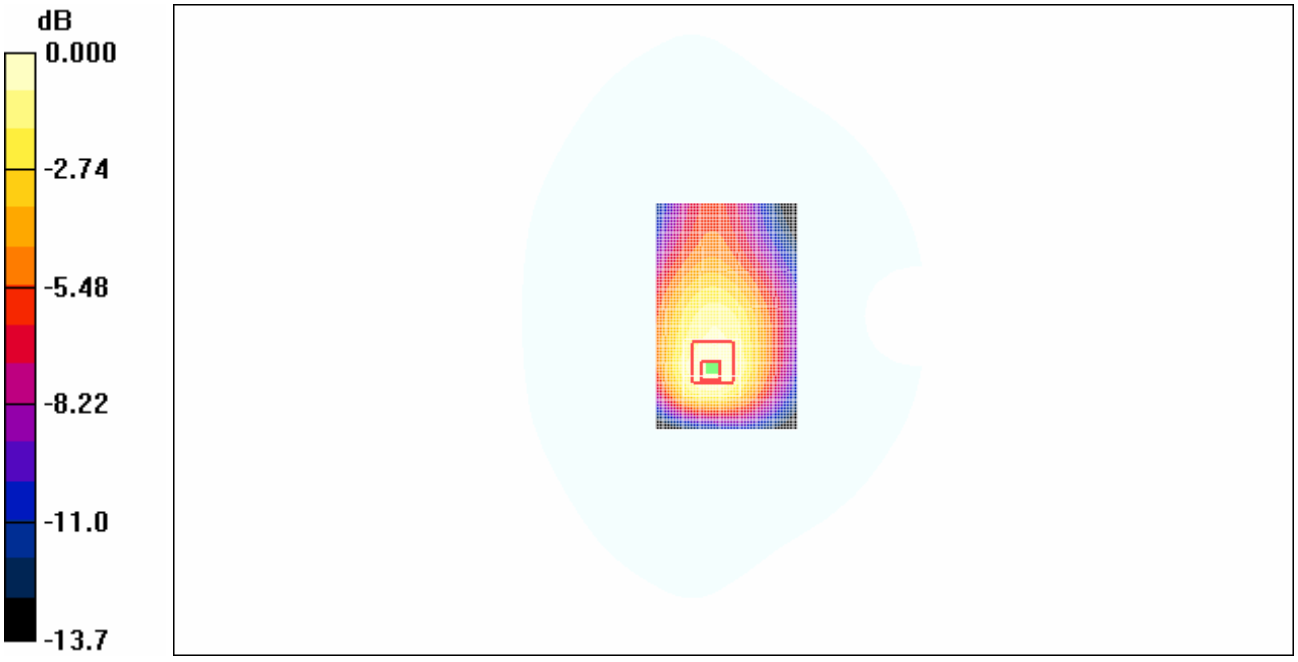
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

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

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

Toward Ground Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.873 mW/g

Toward Ground Low/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 24.8 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.786 mW/g



0 dB = 0.786mW/g

Fig. 63 850 MHz CH128

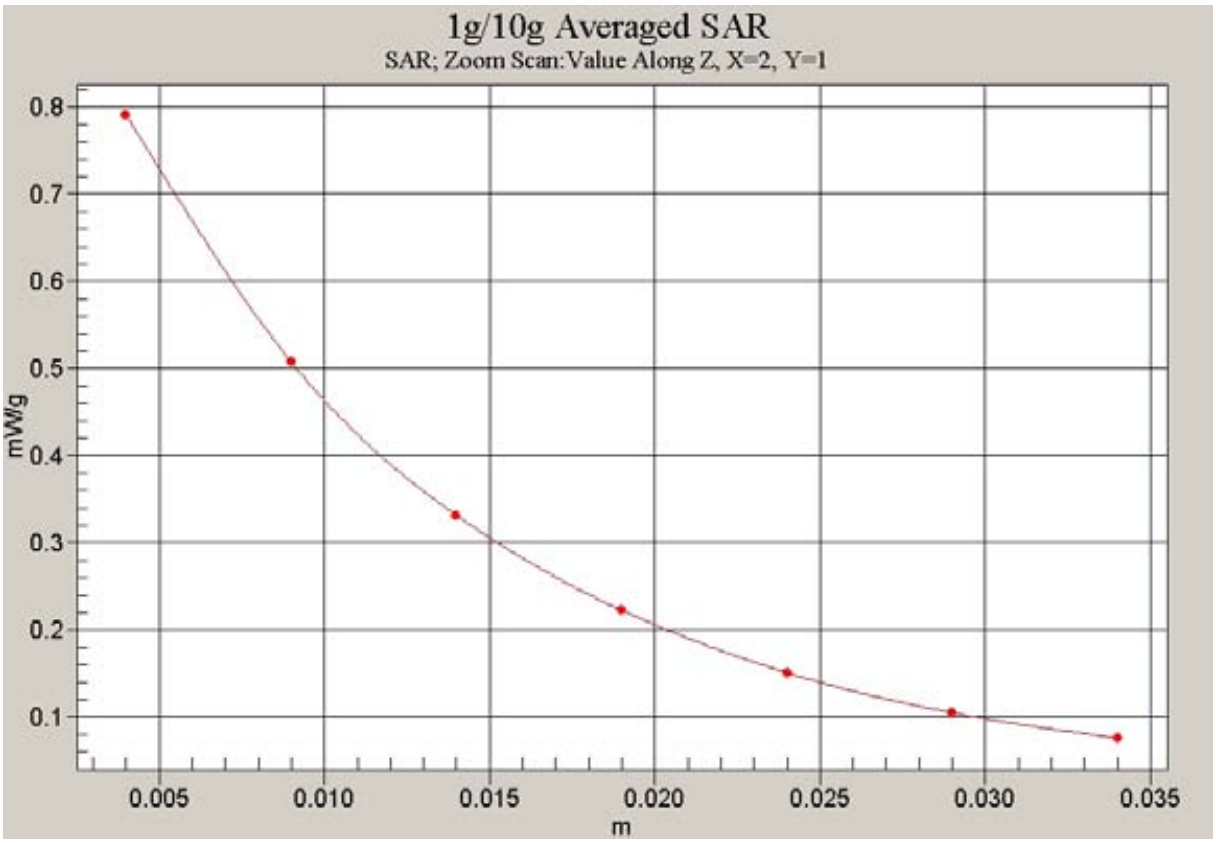


Fig. 64 Z-Scan at power reference point (850 MHz CH128)

850 Body GPRS Toward Phantom High-slide up
Date/Time: 2007-8-8 16:07:32

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.01 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3

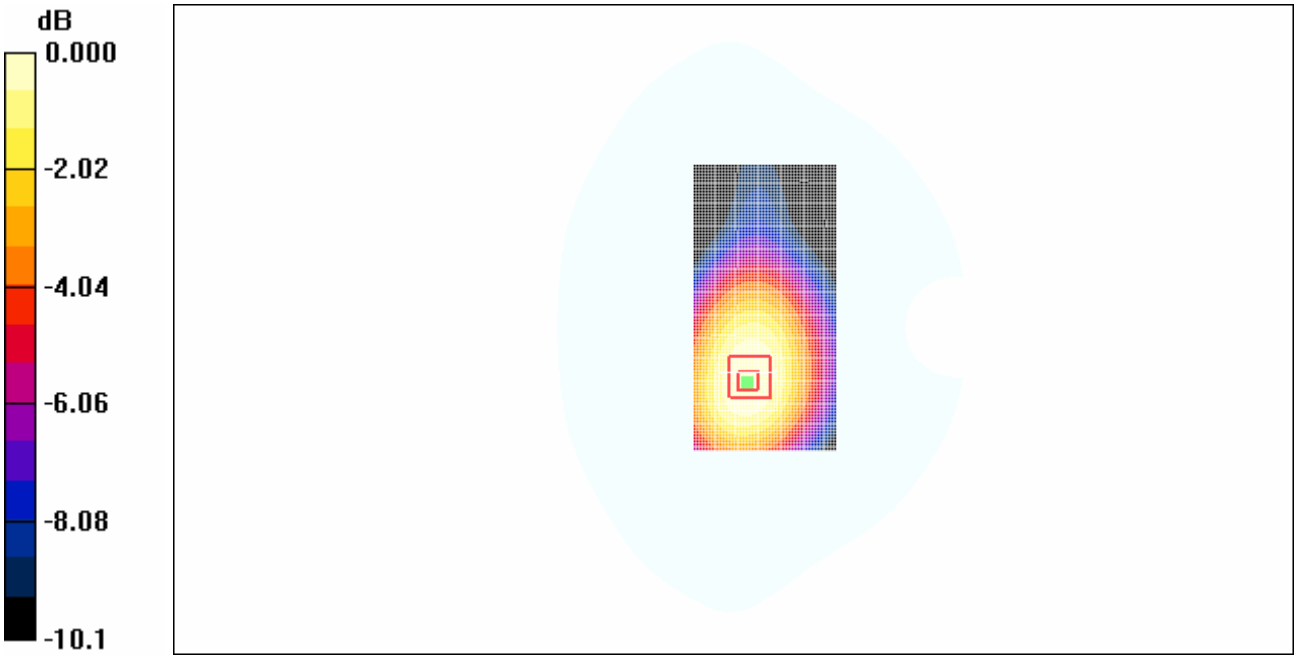
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

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 (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.655 mW/g

Toward Phantom High/Zoom Scan (4x4x4)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=10mm
Reference Value = 22.0 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 0.816 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.631 mW/g



0 dB = 0.631mW/g

Fig. 65 850 MHz CH251

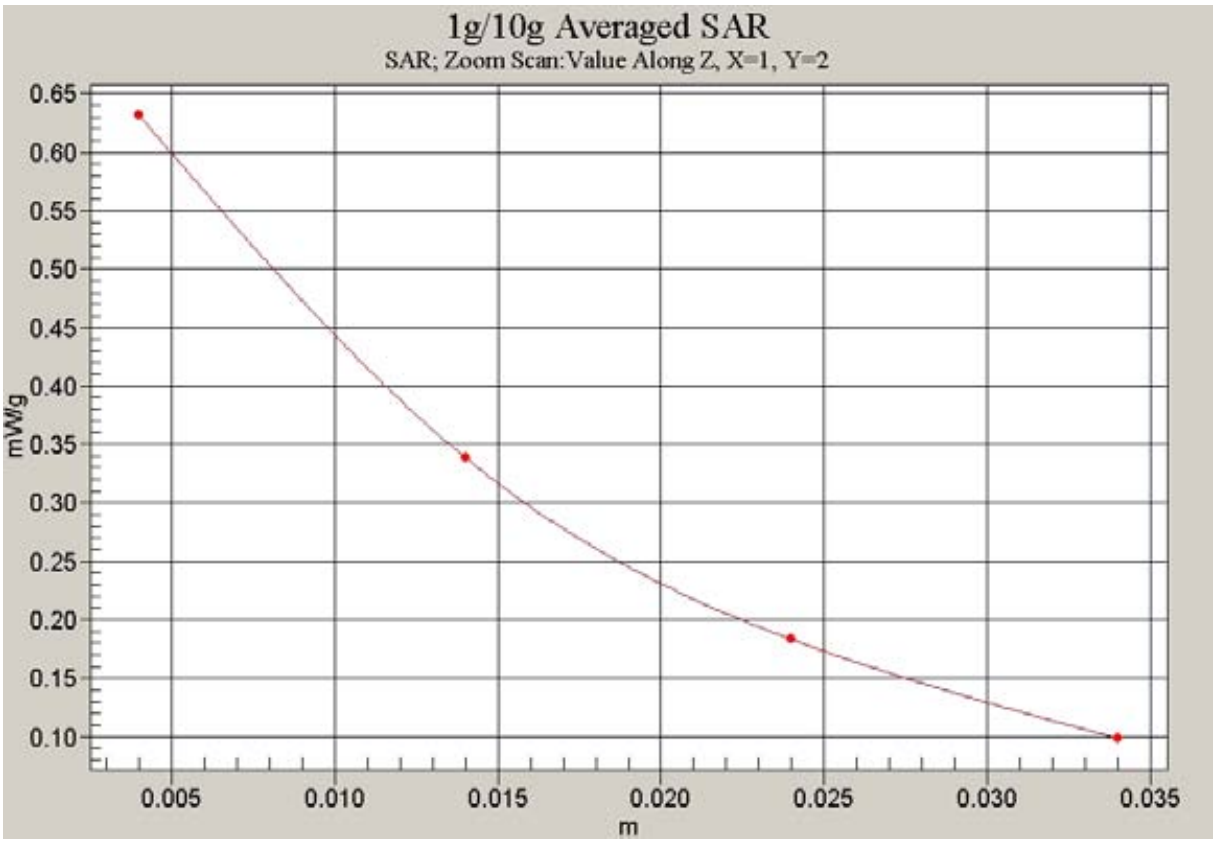


Fig. 66 Z-Scan at power reference point (850 MHz CH251)

850 Body GPRS Toward Phantom Middle -slide up
Date/Time: 2007-8-8 16:30:43

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 1 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3

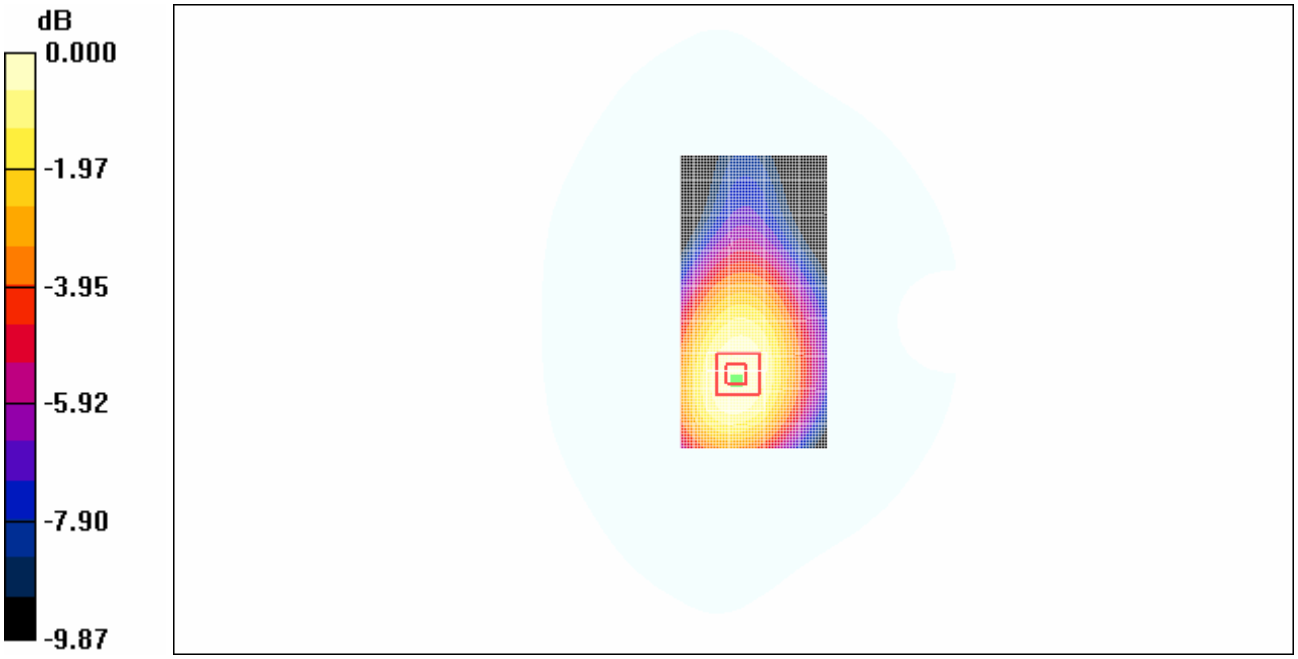
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

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 (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.586 mW/g

Toward Phantom Middle/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 21.0 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.709 W/kg
SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.567 mW/g



0 dB = 0.567mW/g

Fig. 67 850 MHz CH190

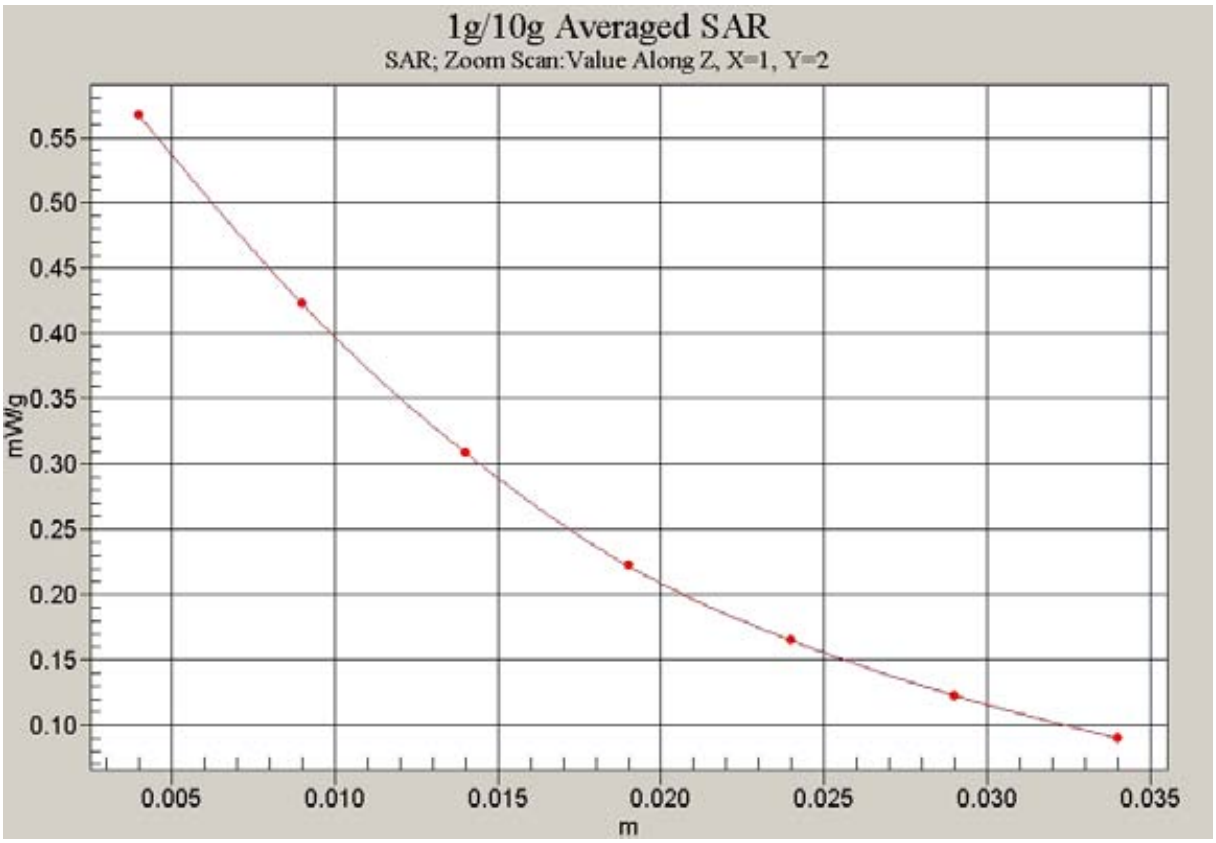


Fig. 68 Z-Scan at power reference point (850 MHz CH190)

850 Body GPRS Toward Phantom Low-slide up
Date/Time: 2007-8-8 16:51:53

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: f = 825 MHz; σ = 0.99 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3

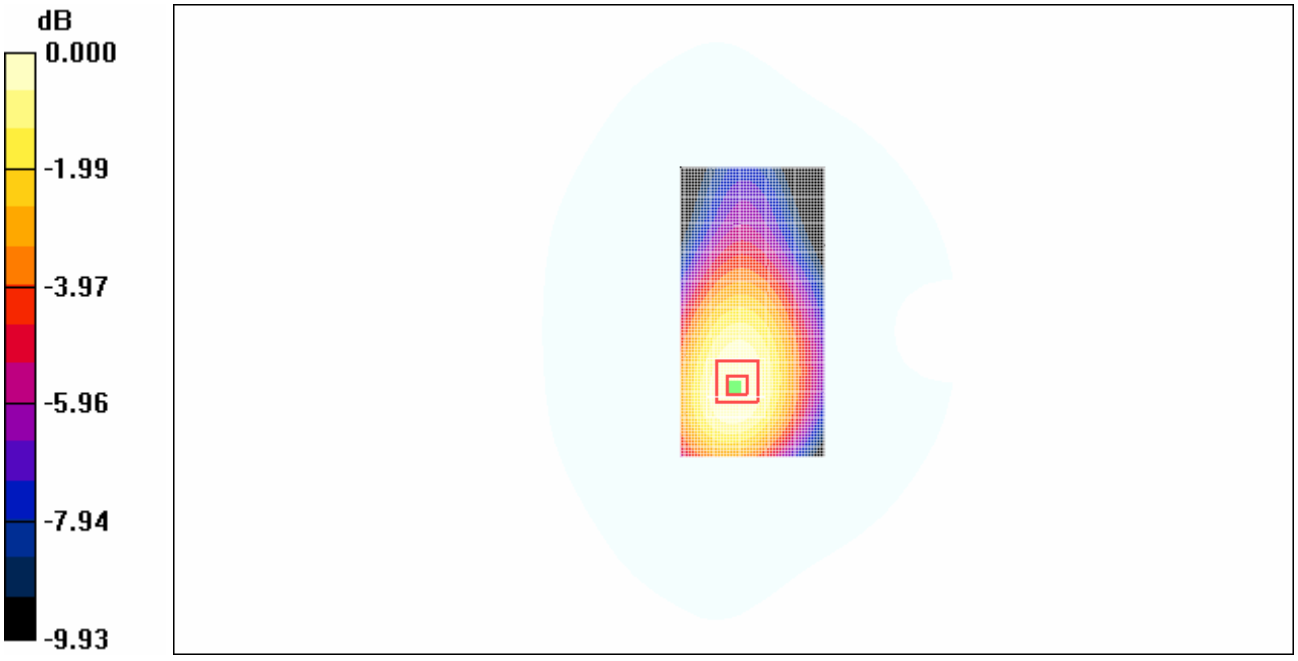
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

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

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

Toward Phantom Low/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.444 mW/g

Toward Phantom Low/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = 0.107 dB
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.427 mW/g



0 dB = 0.427mW/g

Fig. 69 850 MHz CH128

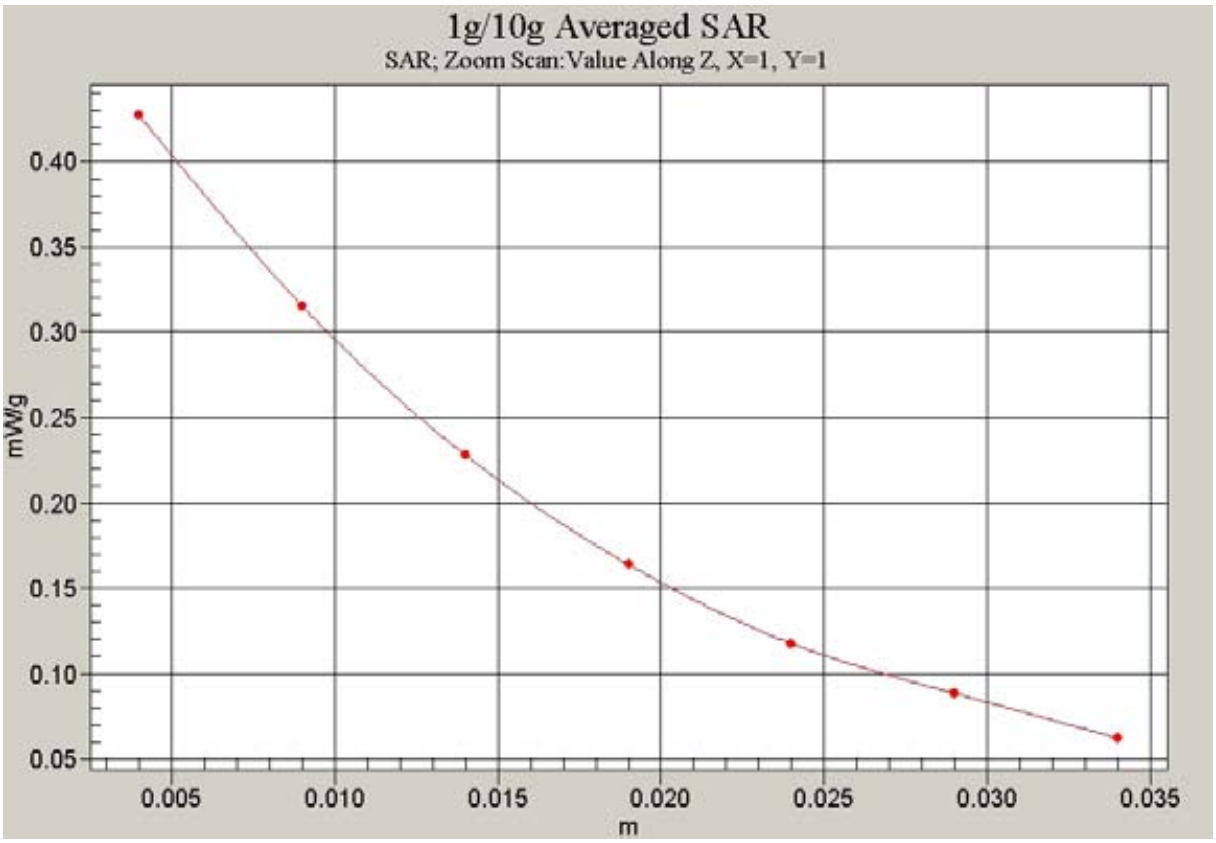


Fig. 70 Z-Scan at power reference point (850 MHz CH128)

850 Body GPRS Toward Ground High-slide up
Date/Time: 2007-8-8 17:58:33

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.01 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3

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

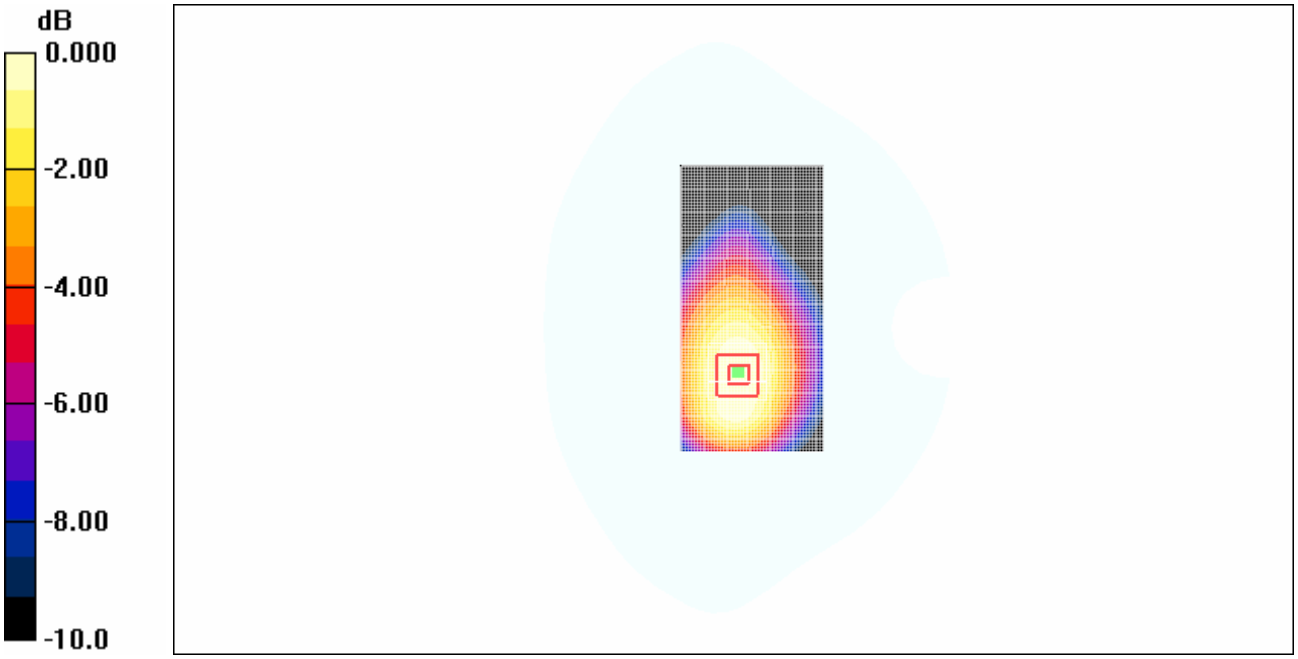
Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

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

Toward Ground High/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.01 mW/g

Toward Ground High/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.662 mW/g
Maximum value of SAR (measured) = 0.975 mW/g



0 dB = 0.975mW/g

Fig. 71 850 MHz CH251

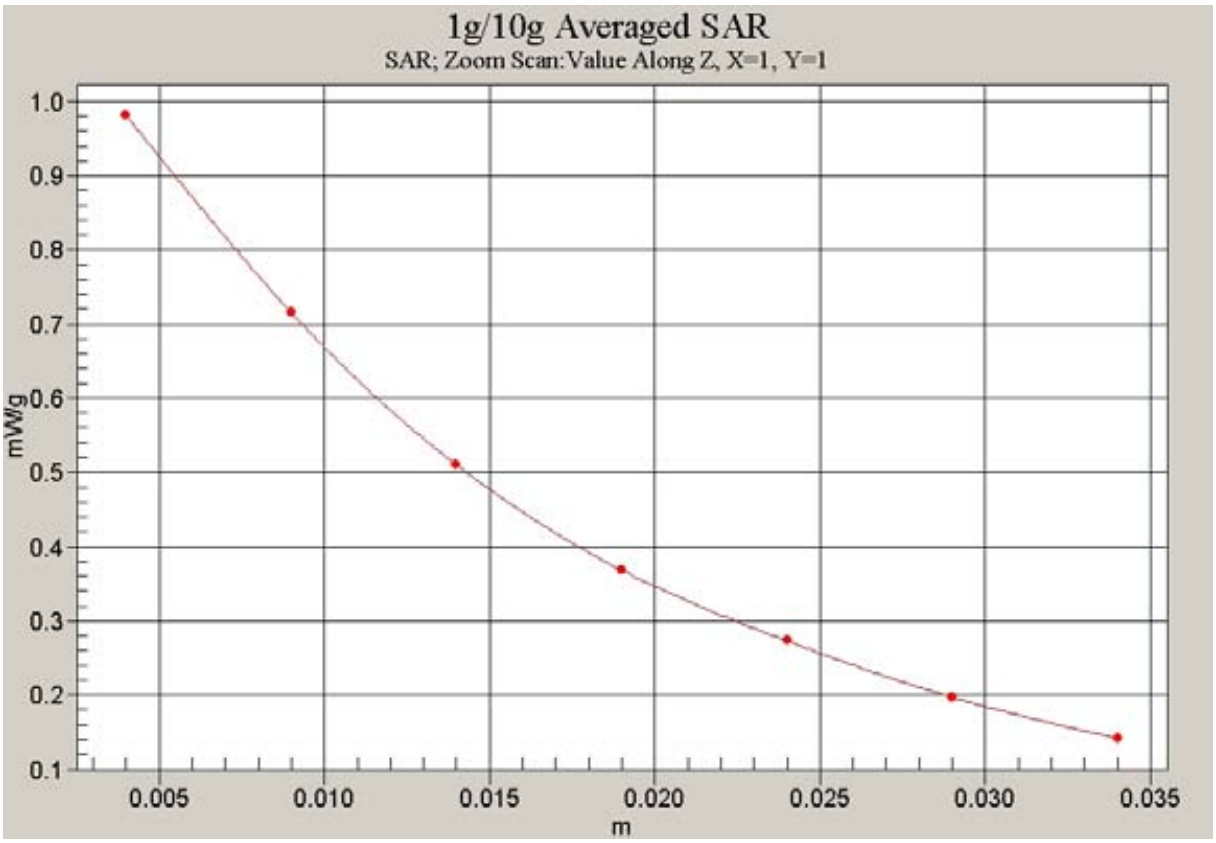


Fig. 72 Z-Scan at power reference point (850 MHz CH251)

850 Body GPRS Toward Ground Middle-slide up
Date/Time: 2007-8-8 17:34:36

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 836.6 MHz; σ = 1 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3

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

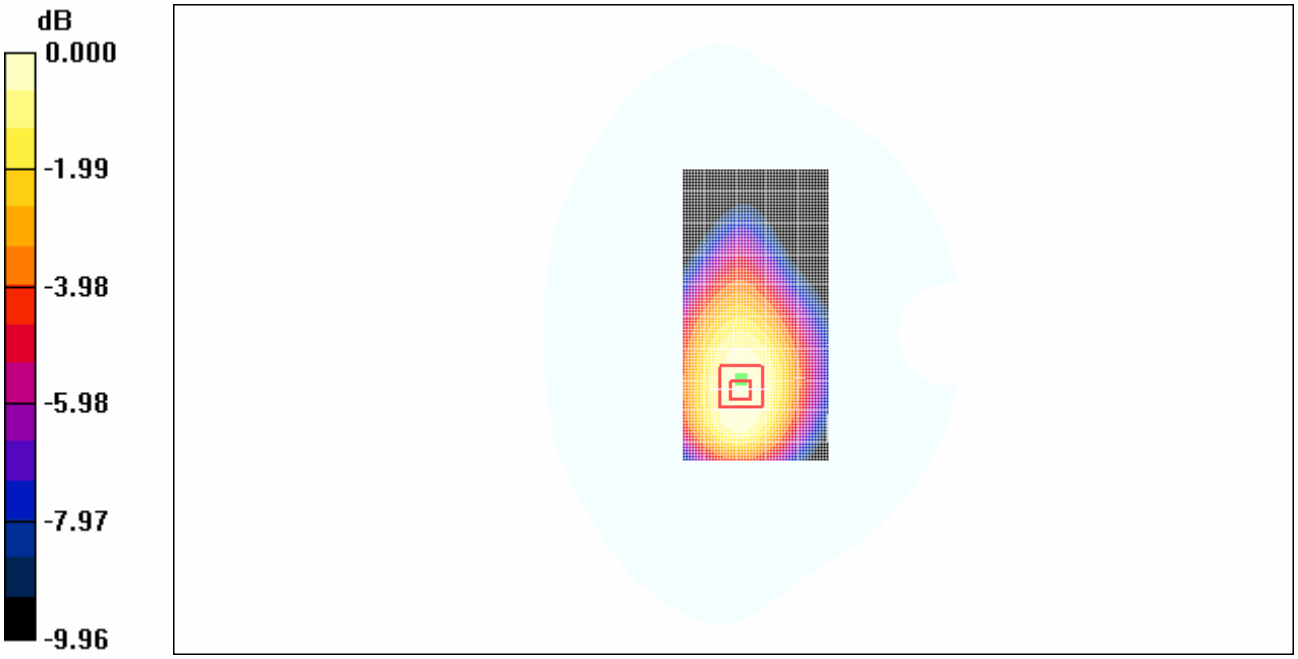
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

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

Toward Ground Middle/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.968 mW/g

Toward Ground Middle/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 26.9 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.644 mW/g
Maximum value of SAR (measured) = 0.949 mW/g



0 dB = 0.949mW/g

Fig. 73 850 MHz CH190

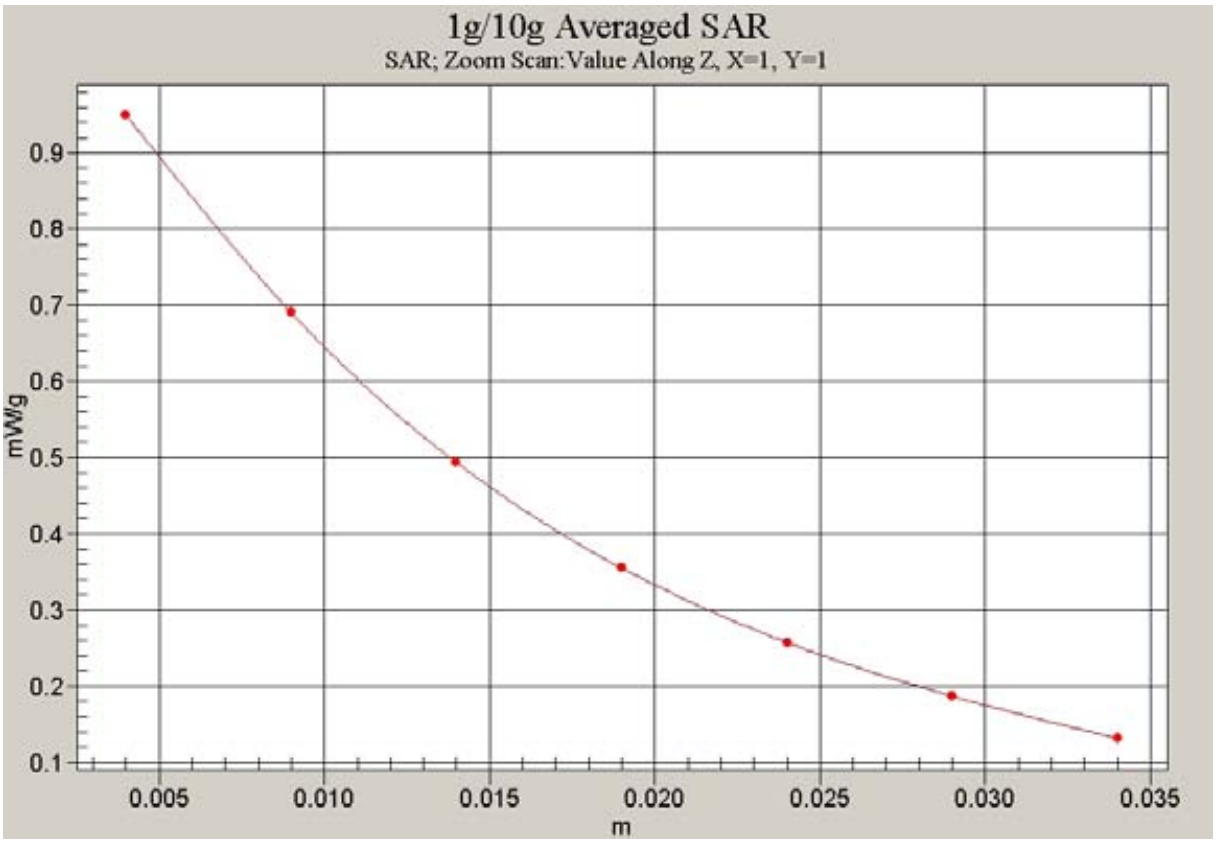


Fig. 74 Z-Scan at power reference point (850 MHz CH190)

850 Body GPRS Toward Ground Low-slide up
Date/Time: 2007-8-8 17:13:47

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: f = 825 MHz; σ = 0.99 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3

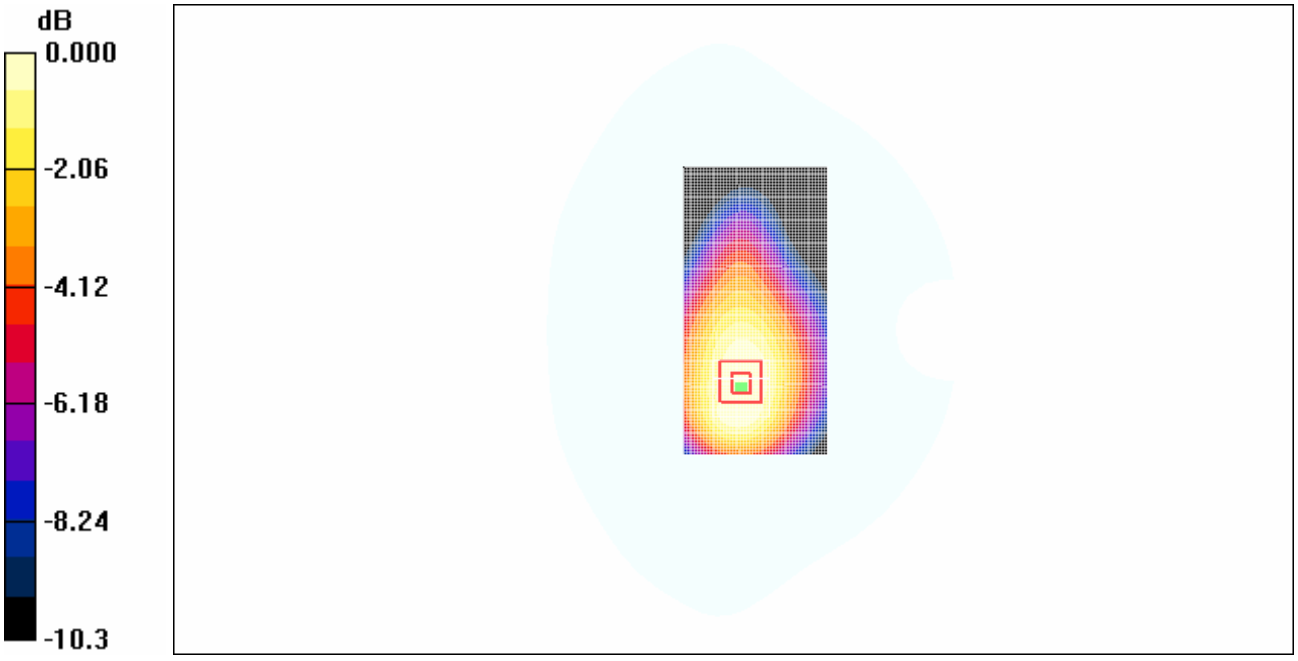
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

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

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

Toward Ground Low/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.802 mW/g

Toward Ground Low/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 25.0 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.978 W/kg
SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.524 mW/g
Maximum value of SAR (measured) = 0.766 mW/g



0 dB = 0.766mW/g

Fig. 75 850 MHz CH128

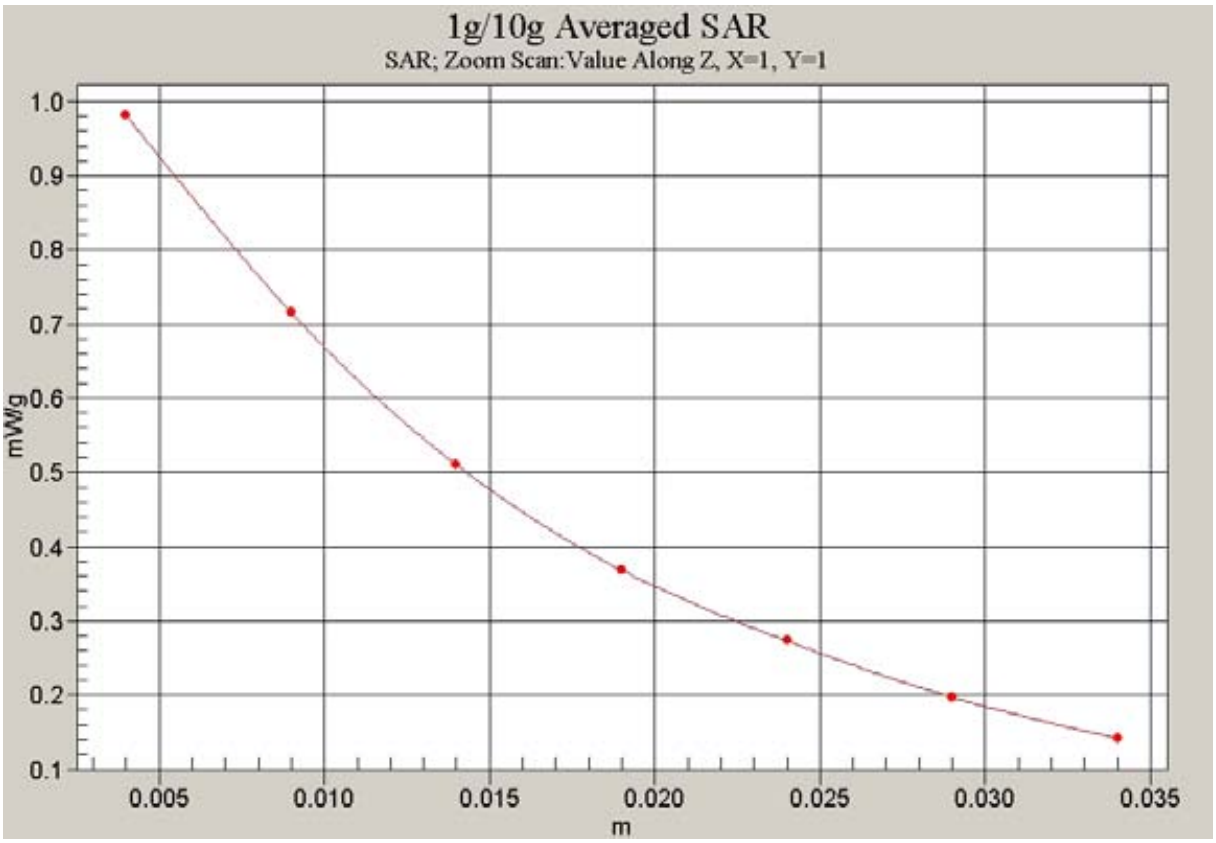


Fig. 76 Z-Scan at power reference point (850 MHz CH128)

1900 Body GPRS Toward Phantom High-slide down
Date/Time: 2007-8-10 13:11:22

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3

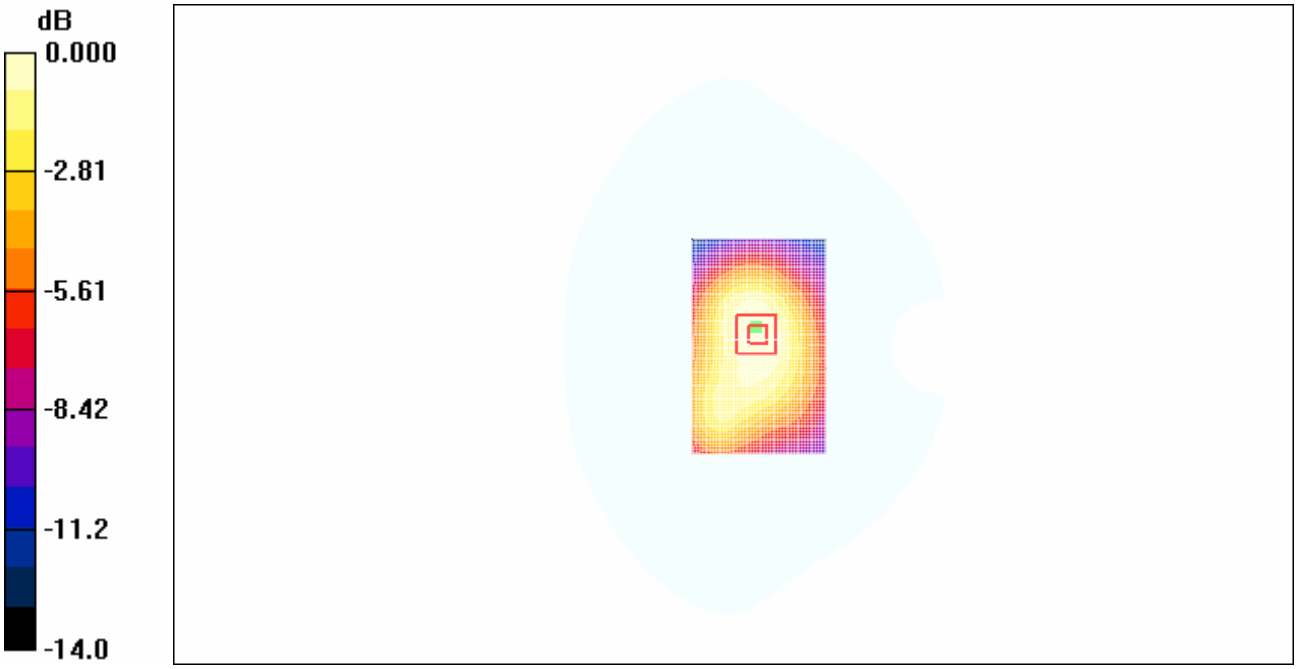
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.302 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 0.426 W/kg
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.293 mW/g



0 dB = 0.293mW/g

Fig. 77 1900 MHz CH810

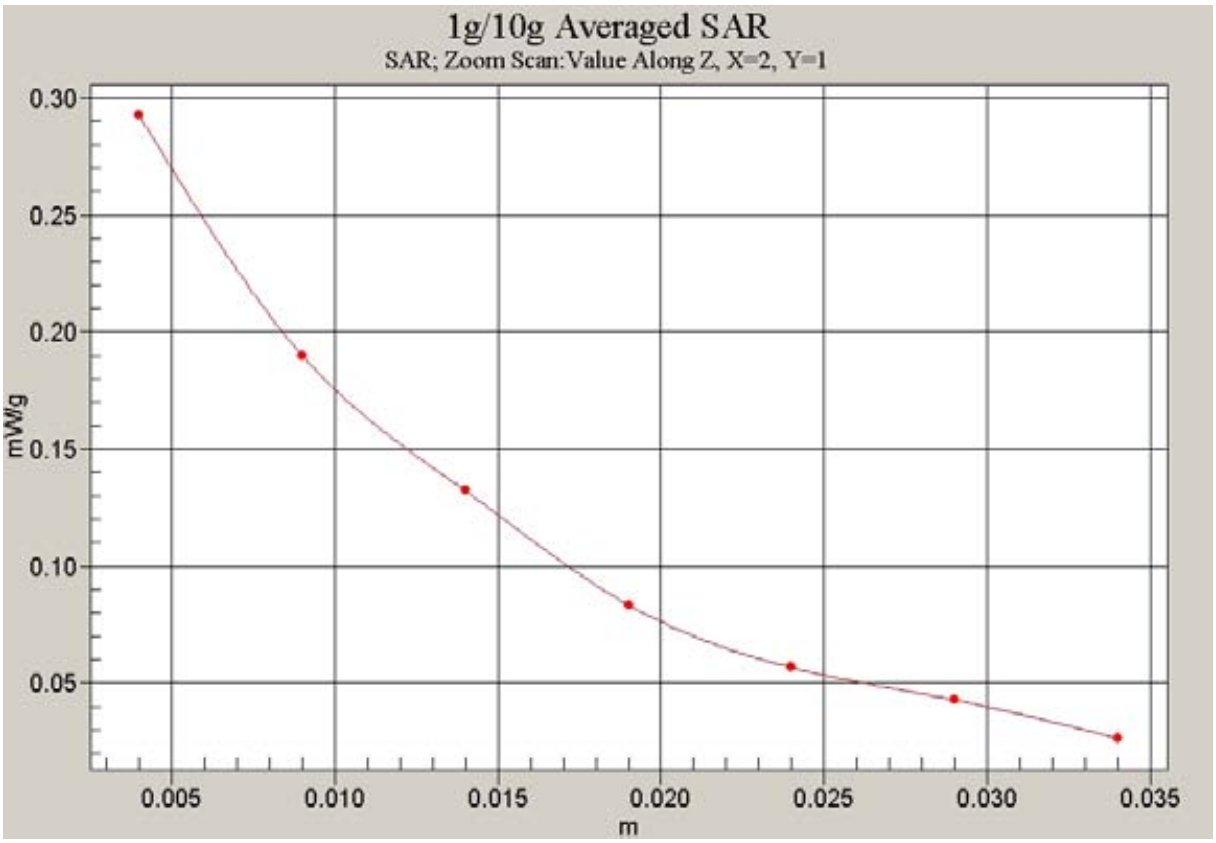


Fig. 78 Z-Scan at power reference point (1900 MHz CH810)

1900 Body GPRS Toward Phantom Middle-slide down
Date/Time: 2007-8-10 13:32:45

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

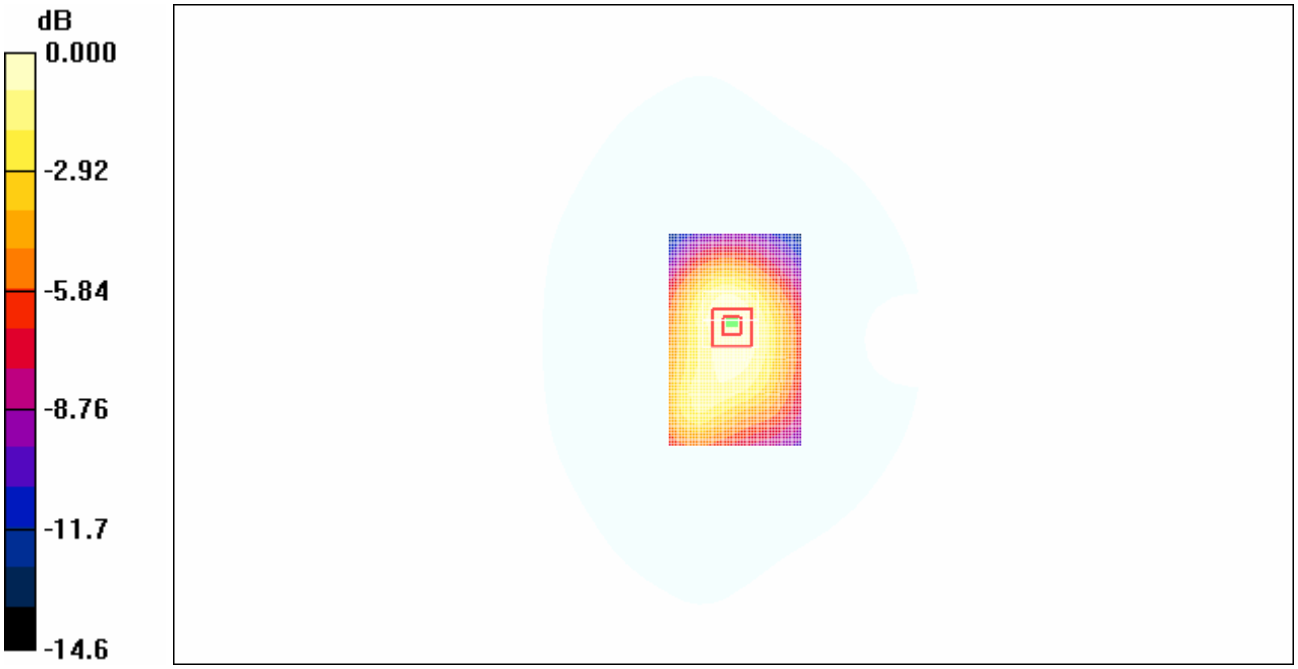
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.309 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.440 W/kg
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.299 mW/g



0 dB = 0.299mW/g

Fig. 79 1900 MHz CH661

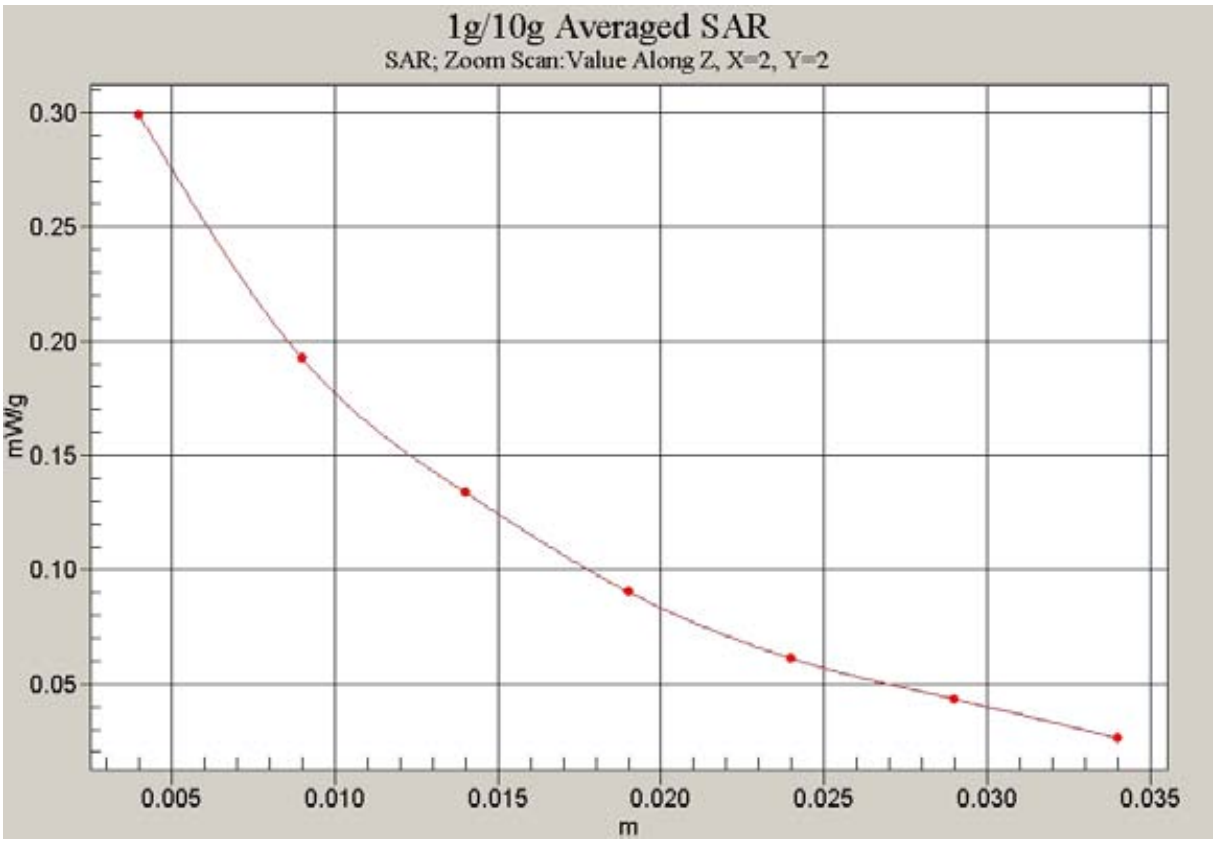


Fig. 80 Z-Scan at power reference point (1900 MHz CH661)

1900 Body GPRS Toward Phantom Low-slide down
Date/Time: 2007-8-10 13:54:35

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

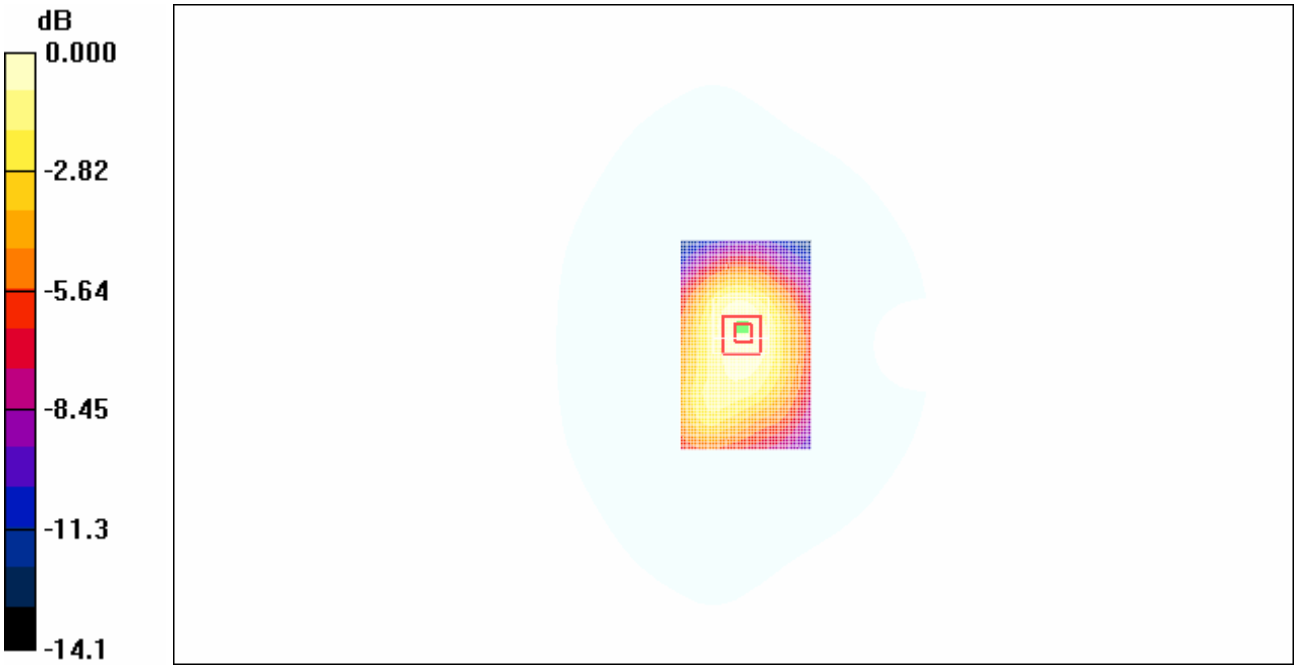
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.187 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305mW/g

Fig. 81 1900 MHz CH512

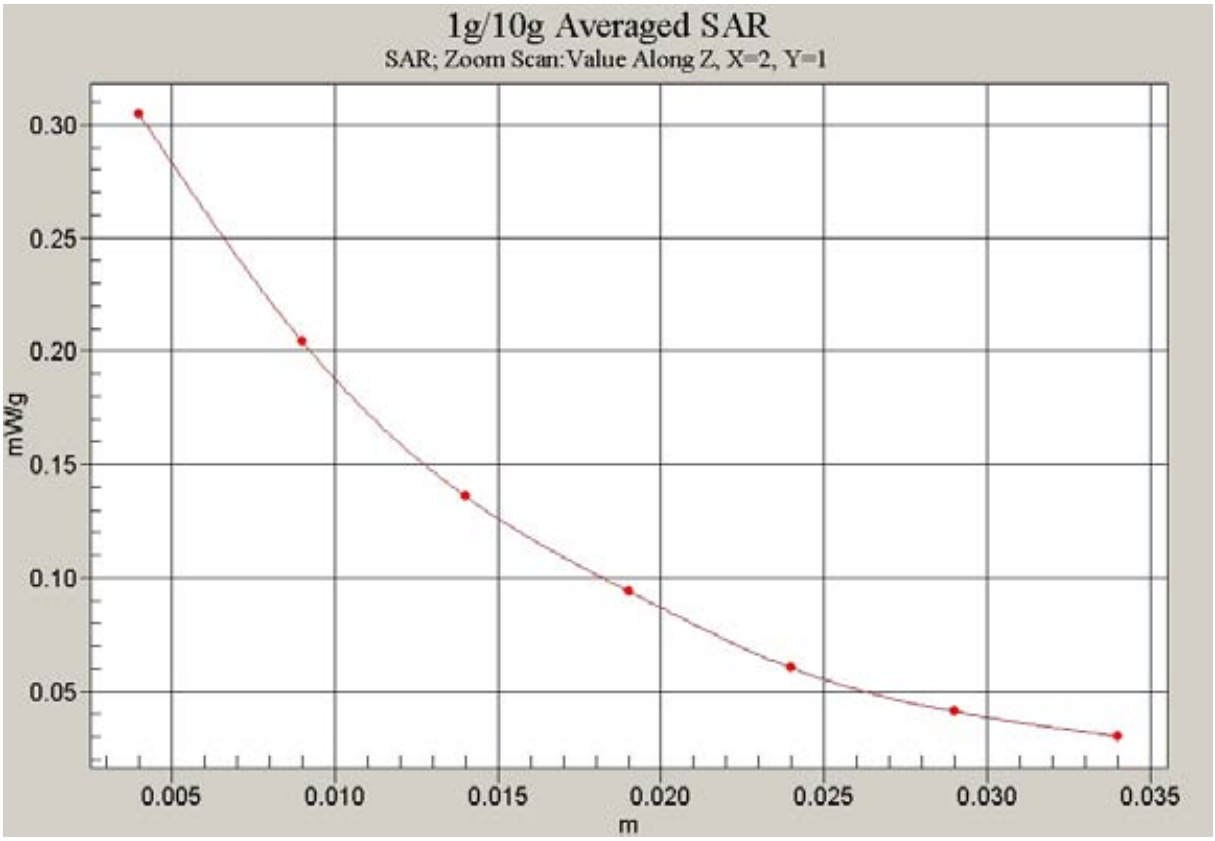


Fig. 82 Z-Scan at power reference point (1900 MHz CH512)

1900 Body GPRS Toward Ground High-slide down
Date/Time: 2007-8-10 14:59:32

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3

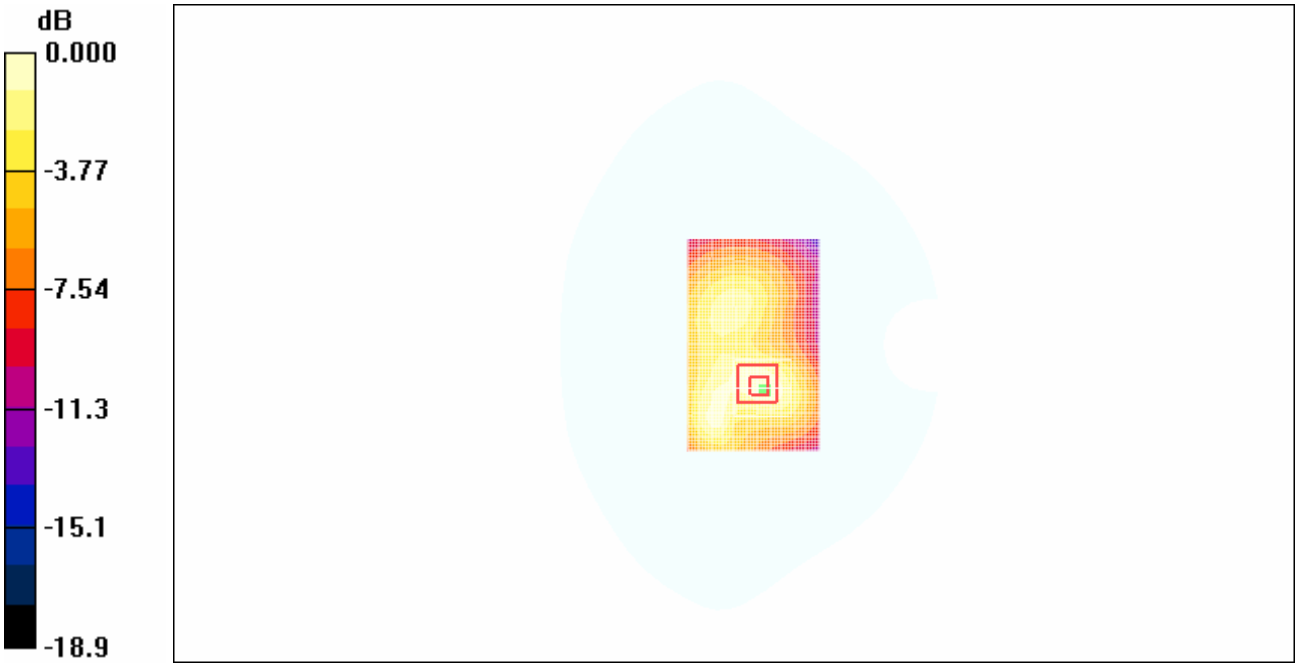
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.382 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.385 mW/g



0 dB = 0.385mW/g

Fig. 83 1900 MHz CH810

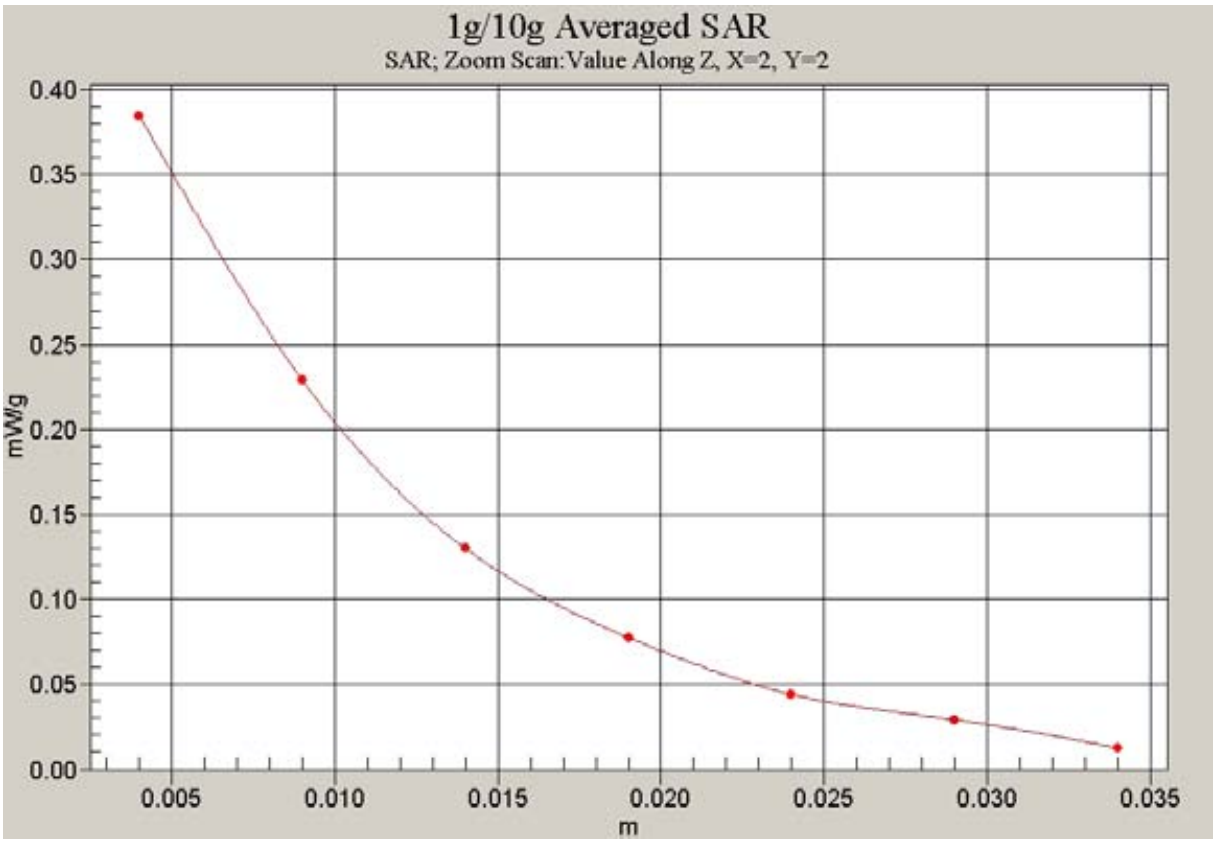


Fig. 84 Z-Scan at power reference point (1900 MHz CH810)

1900 Body GPRS Toward Ground Middle-slide down
Date/Time: 2007-8-10 14:38:44

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

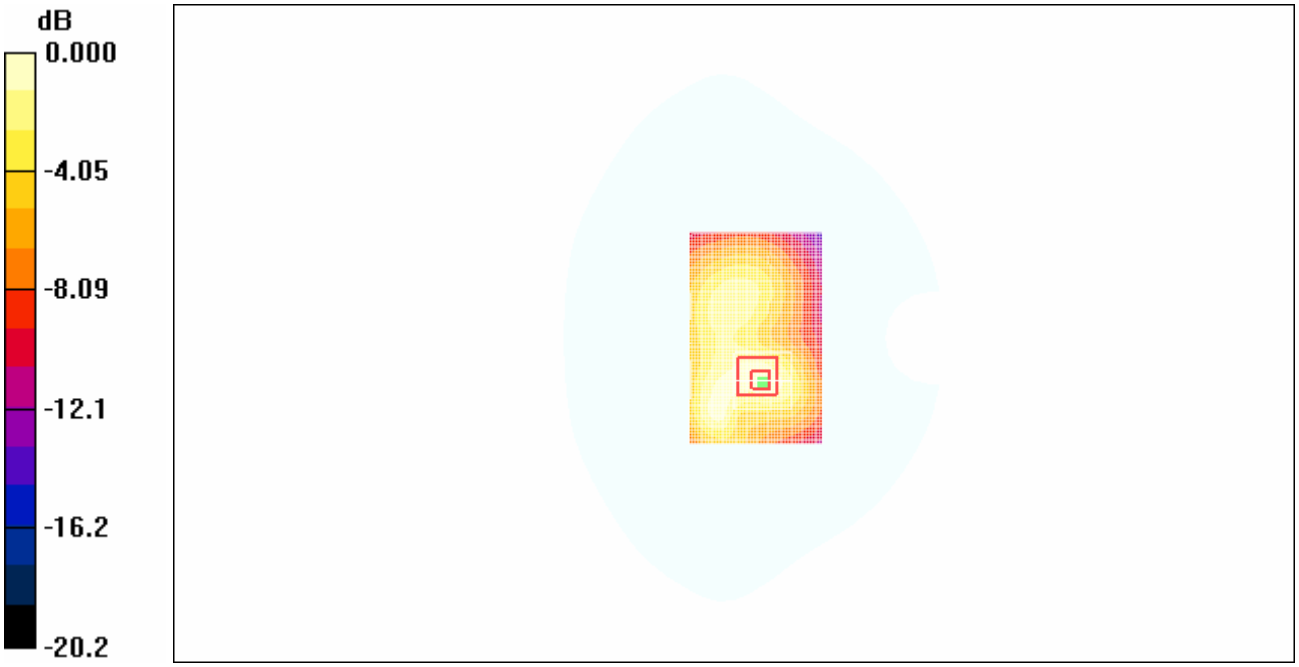
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.397 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.4 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.413 mW/g



0 dB = 0.413mW/g

Fig. 85 1900 MHz CH661

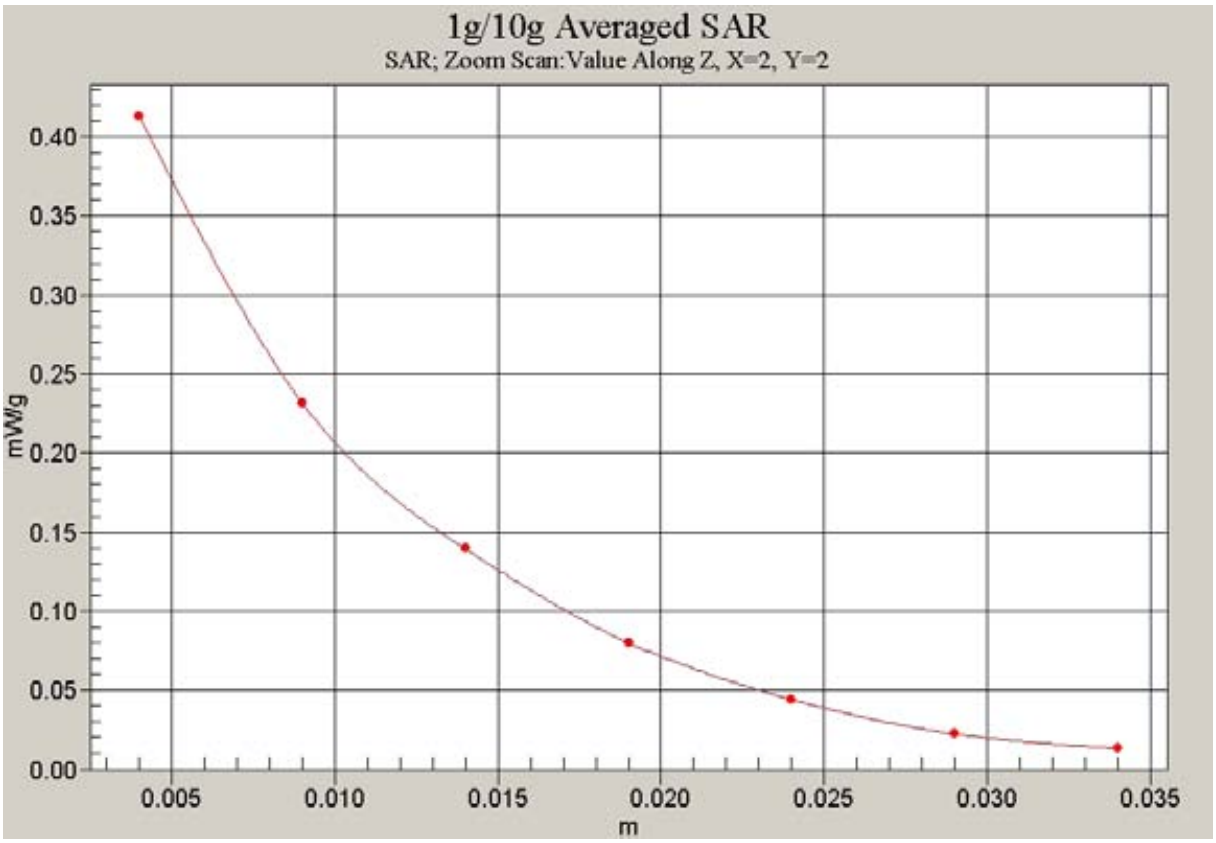


Fig. 86 Z-Scan at power reference point (1900 MHz CH661)

1900 Body GPRS Toward Ground Low-slide down
Date/Time: 2007-8-10 14:16:36

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

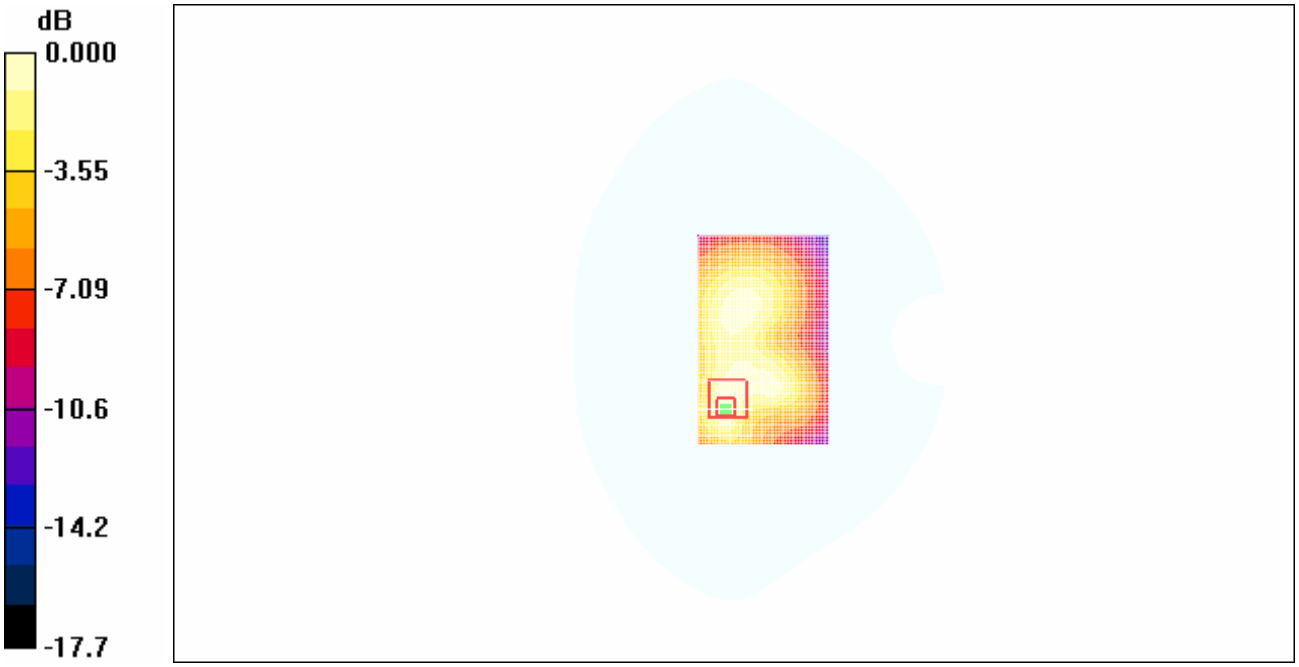
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.392 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = -0.079 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.397 mW/g



0 dB = 0.397mW/g

Fig. 87 1900 MHz CH512

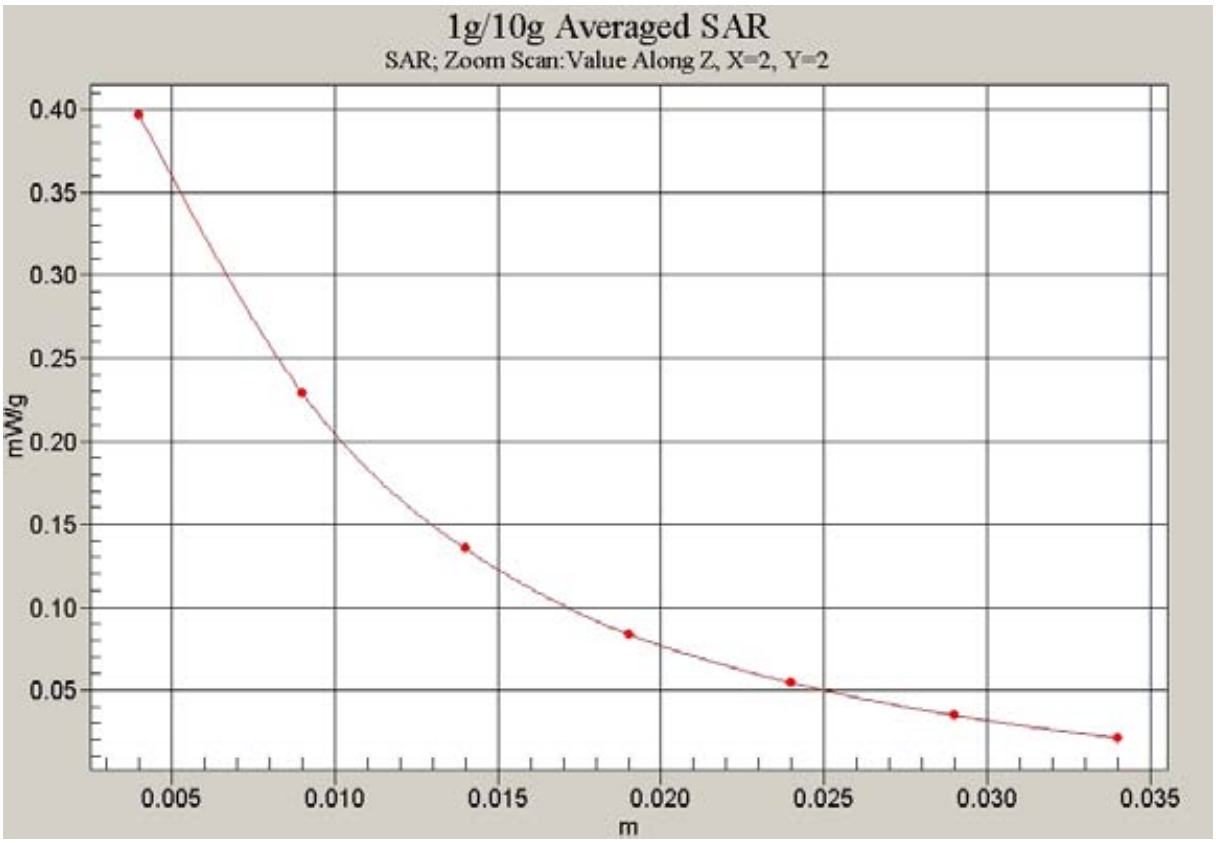


Fig. 88 Z-Scan at power reference point (1900 MHz CH512)

1900 Body GPRS Toward Phantom High-slide up
Date/Time: 2007-8-10 15:32:20

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3

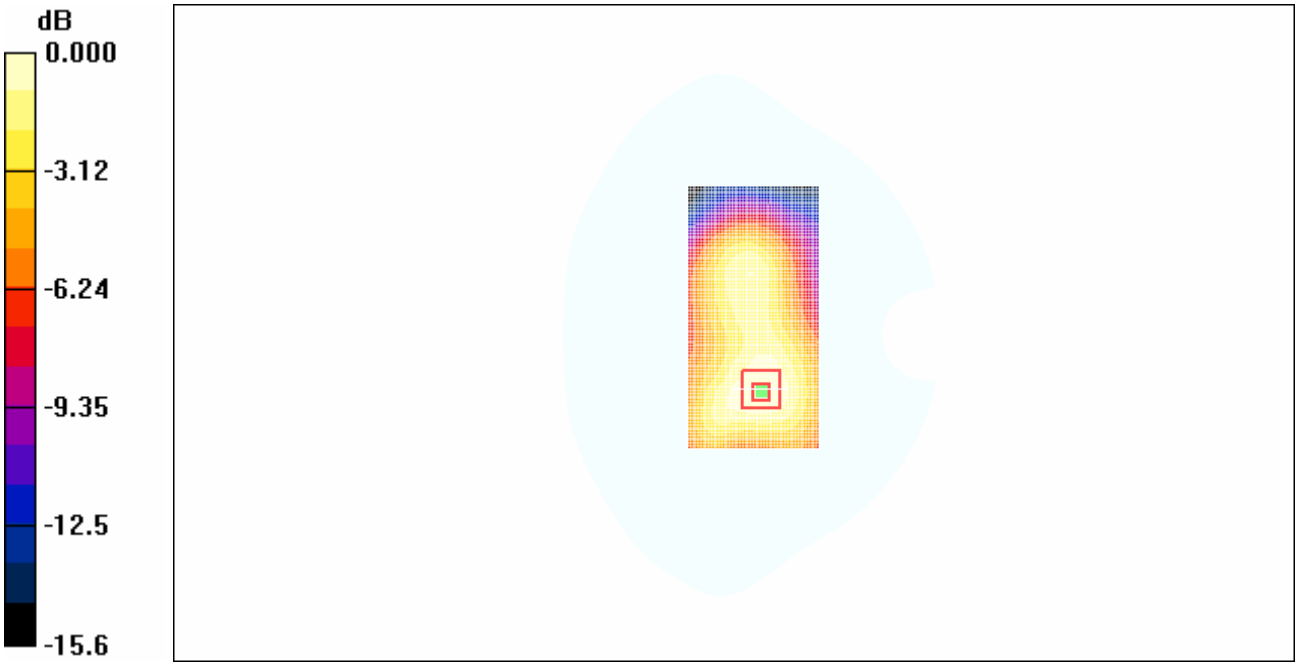
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.235 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.218mW/g

Fig. 89 1900 MHz CH810

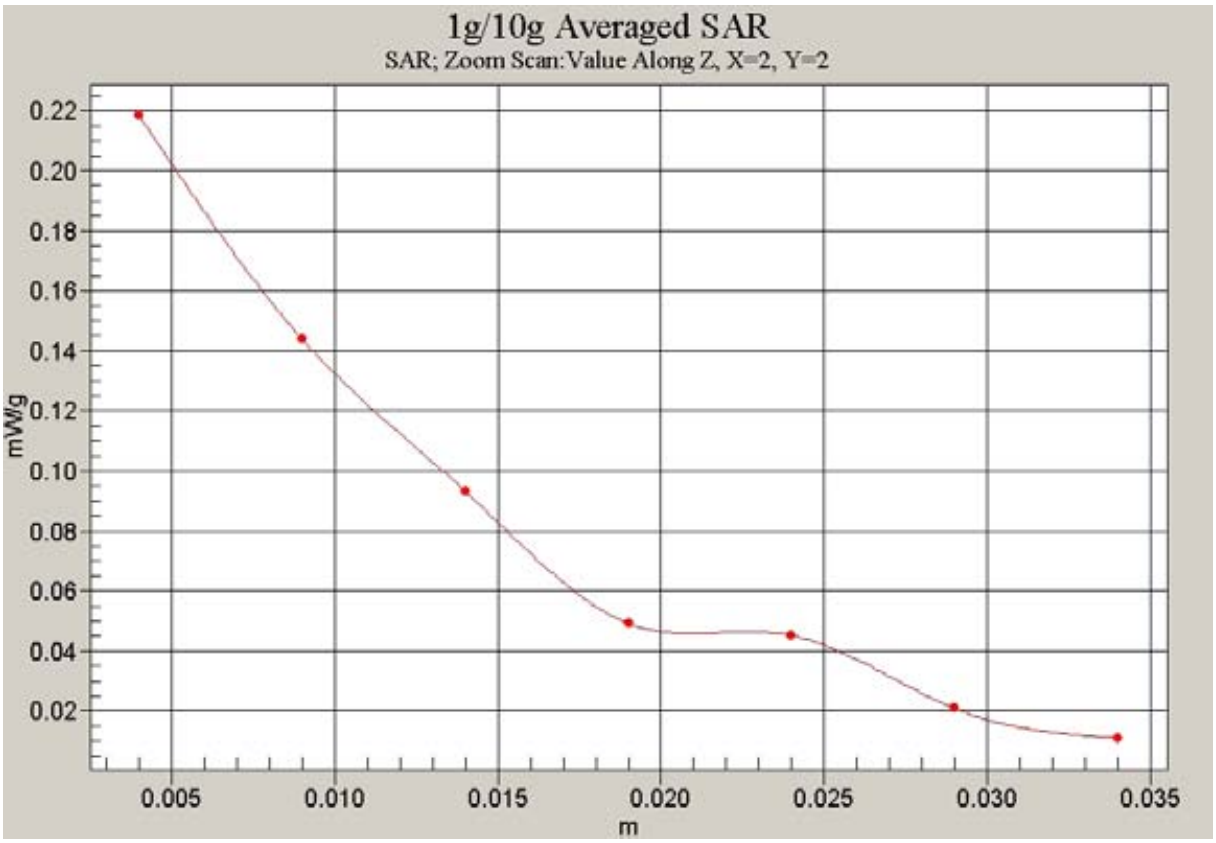


Fig. 90 Z-Scan at power reference point (1900 MHz CH810)

1900 Body GPRS Toward Phantom Middle-slide up
Date/Time: 2007-8-10 15:53:39

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

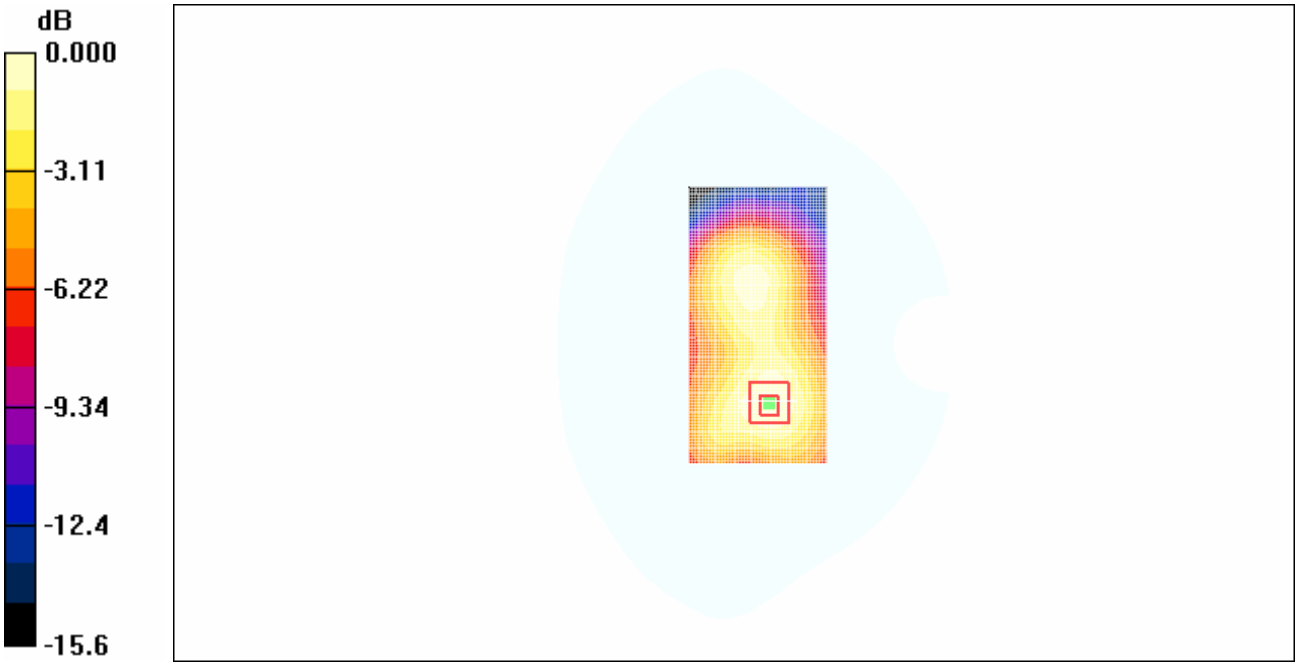
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.234 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.00 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 0.342 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.226mW/g

Fig. 91 1900 MHz CH661

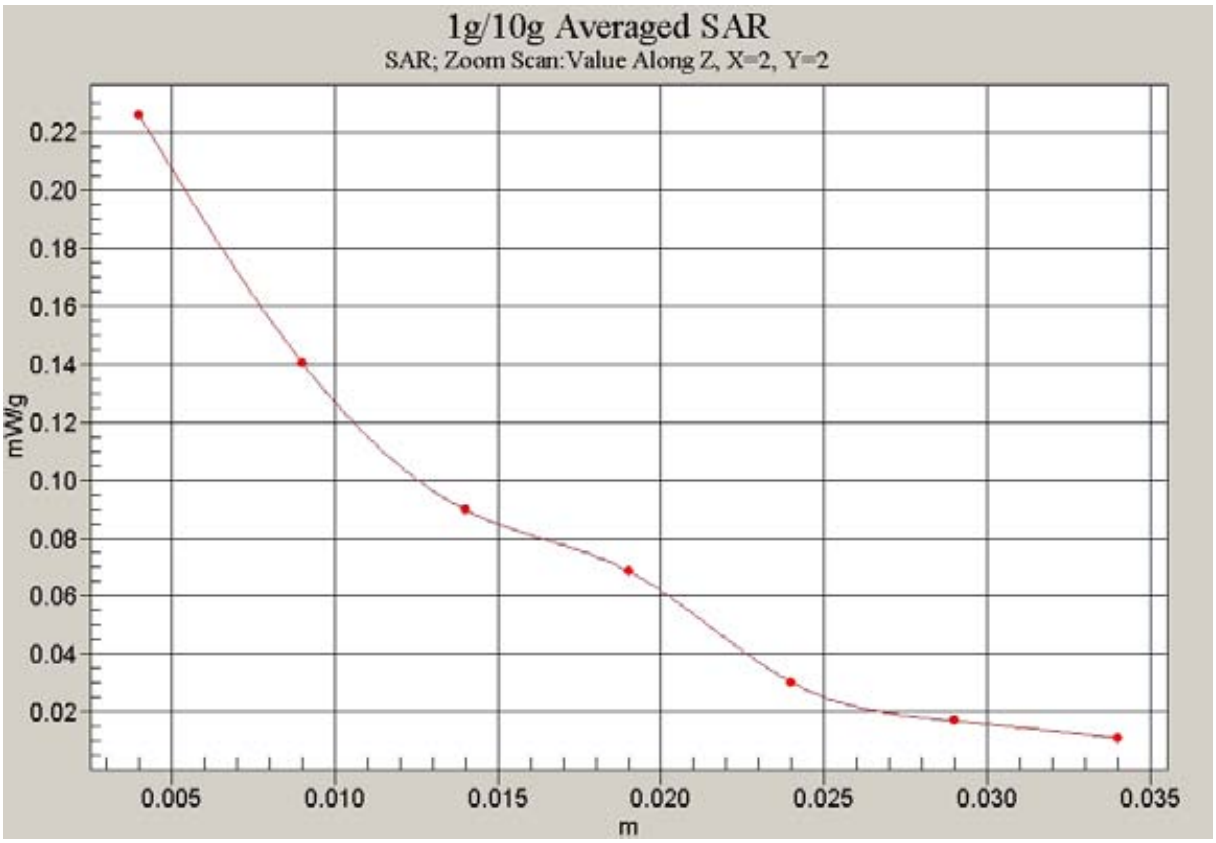


Fig. 92 Z-Scan at power reference point (1900 MHz CH661)

1900 Body GPRS Toward Phantom Low-slide up
Date/Time: 2007-8-10 16:14:11

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

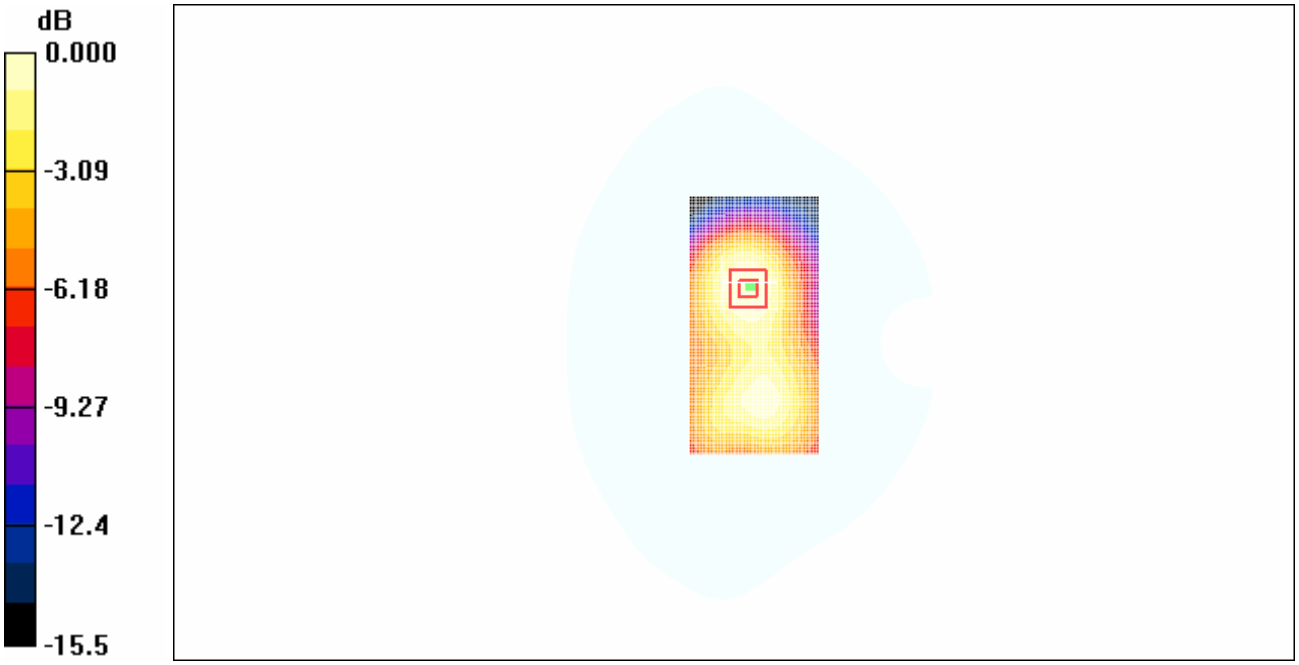
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Phantom Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.240 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.062 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.227 mW/g



0 dB = 0.227mW/g

Fig. 93 1900 MHz CH512

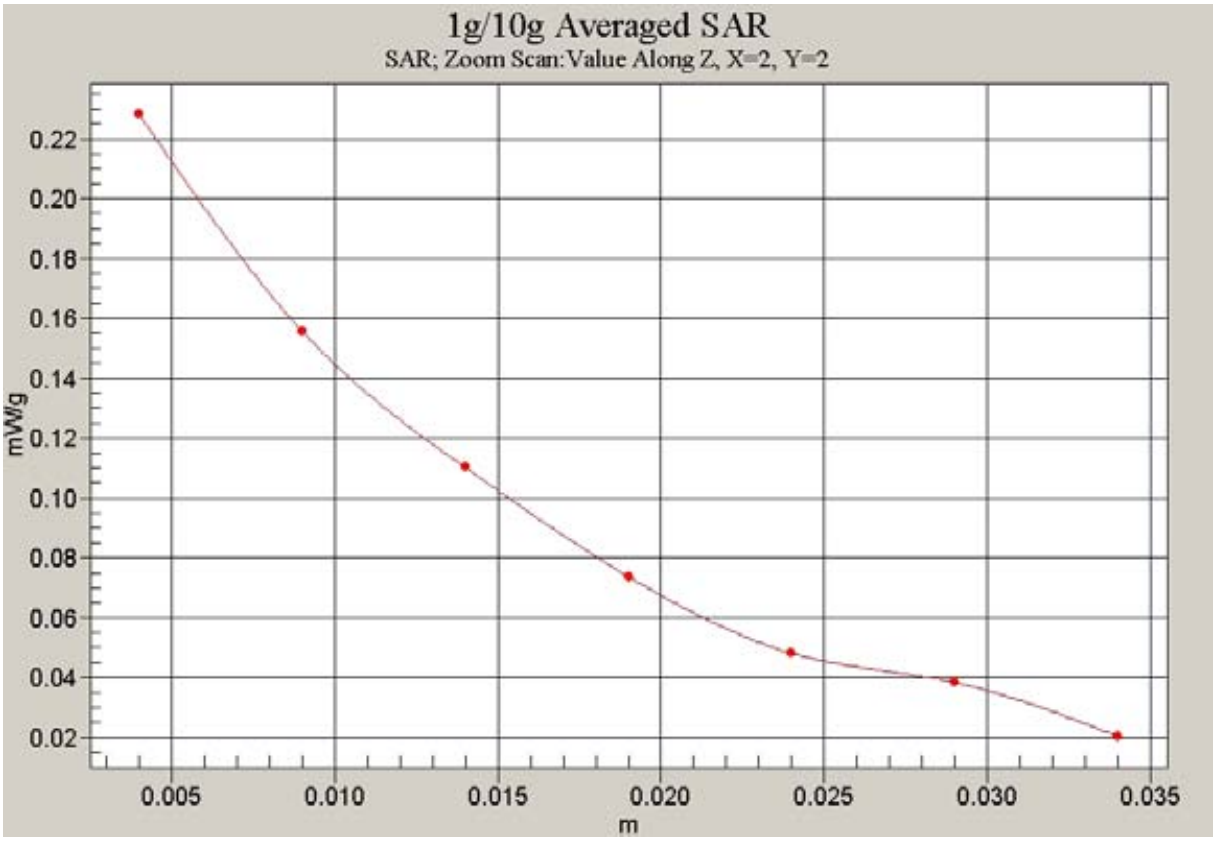


Fig. 94 Z-Scan at power reference point (1900 MHz CH512)

1900 Body GPRS Toward Ground High-slide up
Date/Time: 2007-8-10 17:20:29

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3

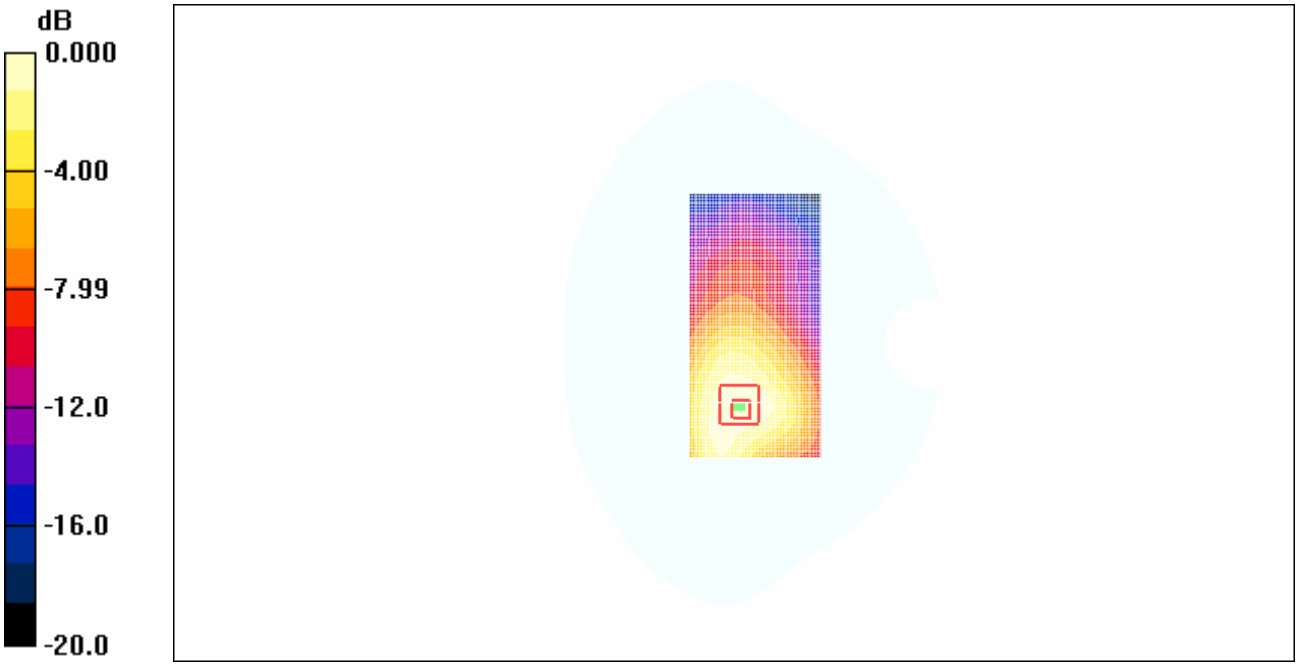
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.469 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.448 mW/g



0 dB = 0.448mW/g

Fig. 95 1900 MHz CH810

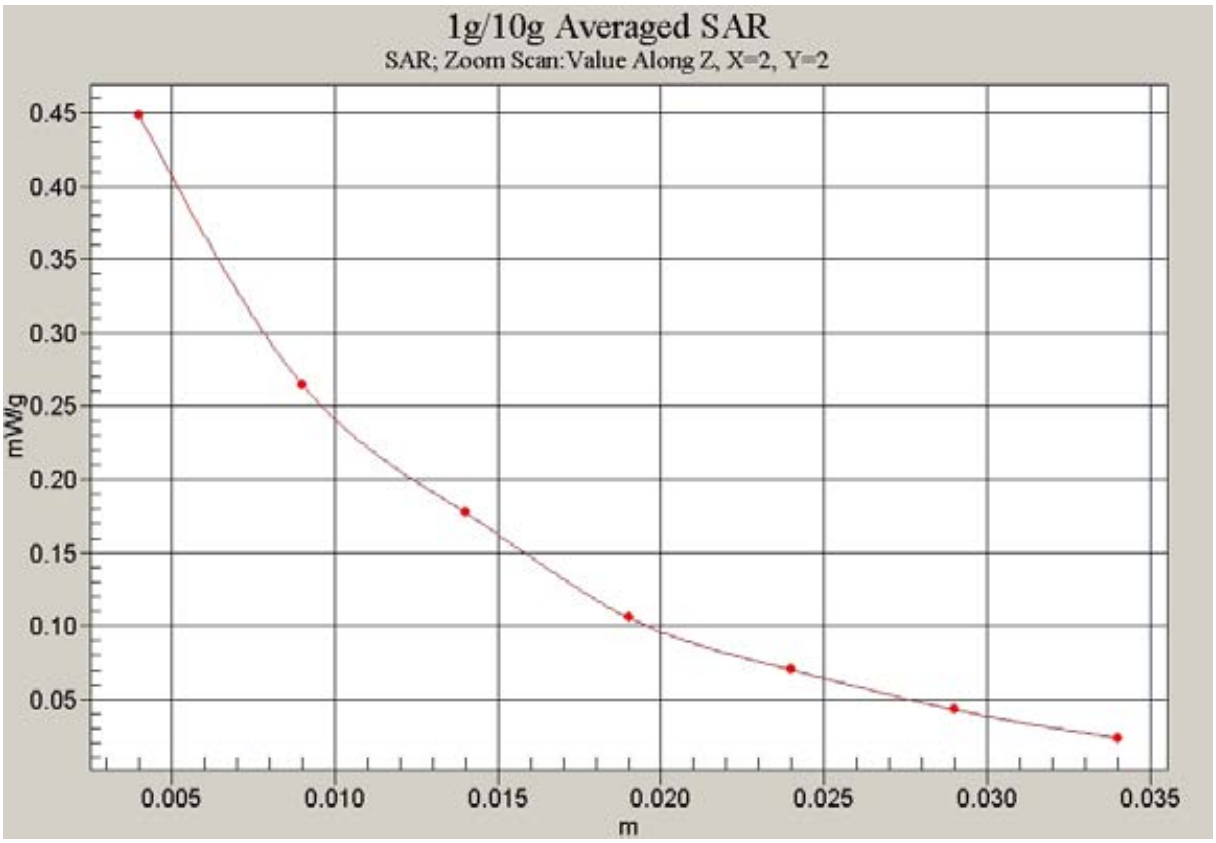


Fig. 96 Z-Scan at power reference point (1900 MHz CH810)

1900 Body GPRS Toward Ground Middle-slide up
Date/Time: 2007-8-10 16:58:56

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

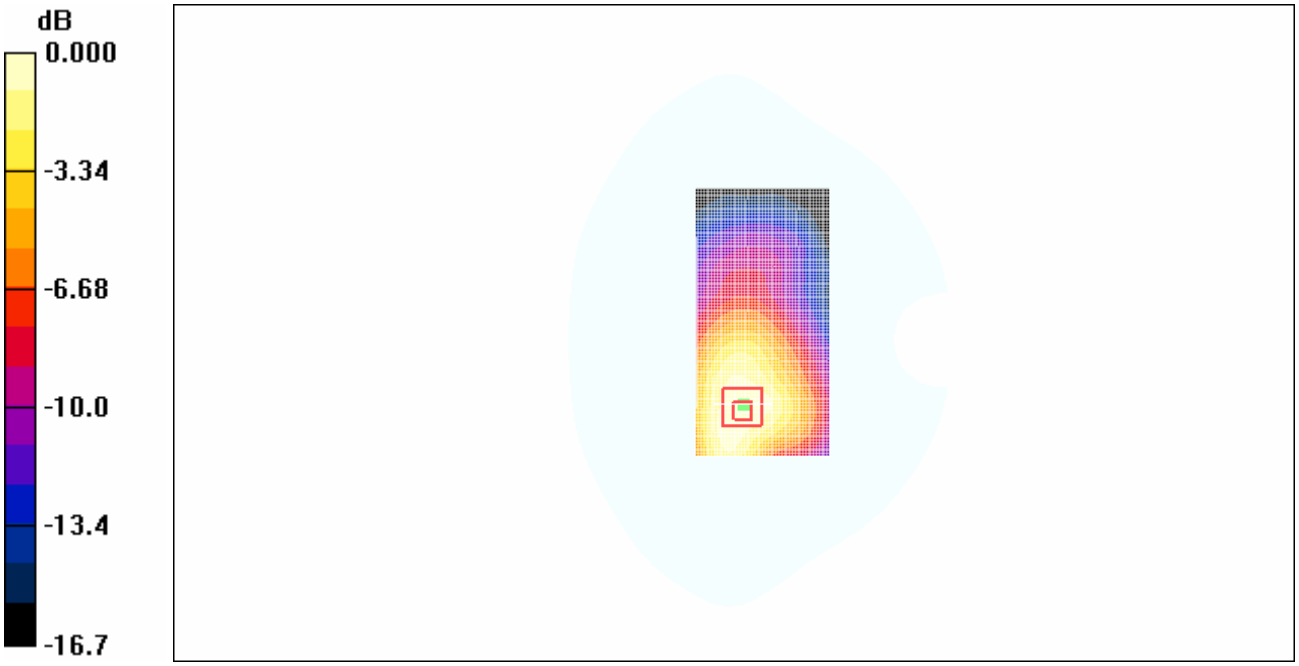
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.503 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 0.828 W/kg
SAR(1 g) = 0.477 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.503 mW/g



0 dB = 0.503mW/g

Fig. 97 1900 MHz CH661

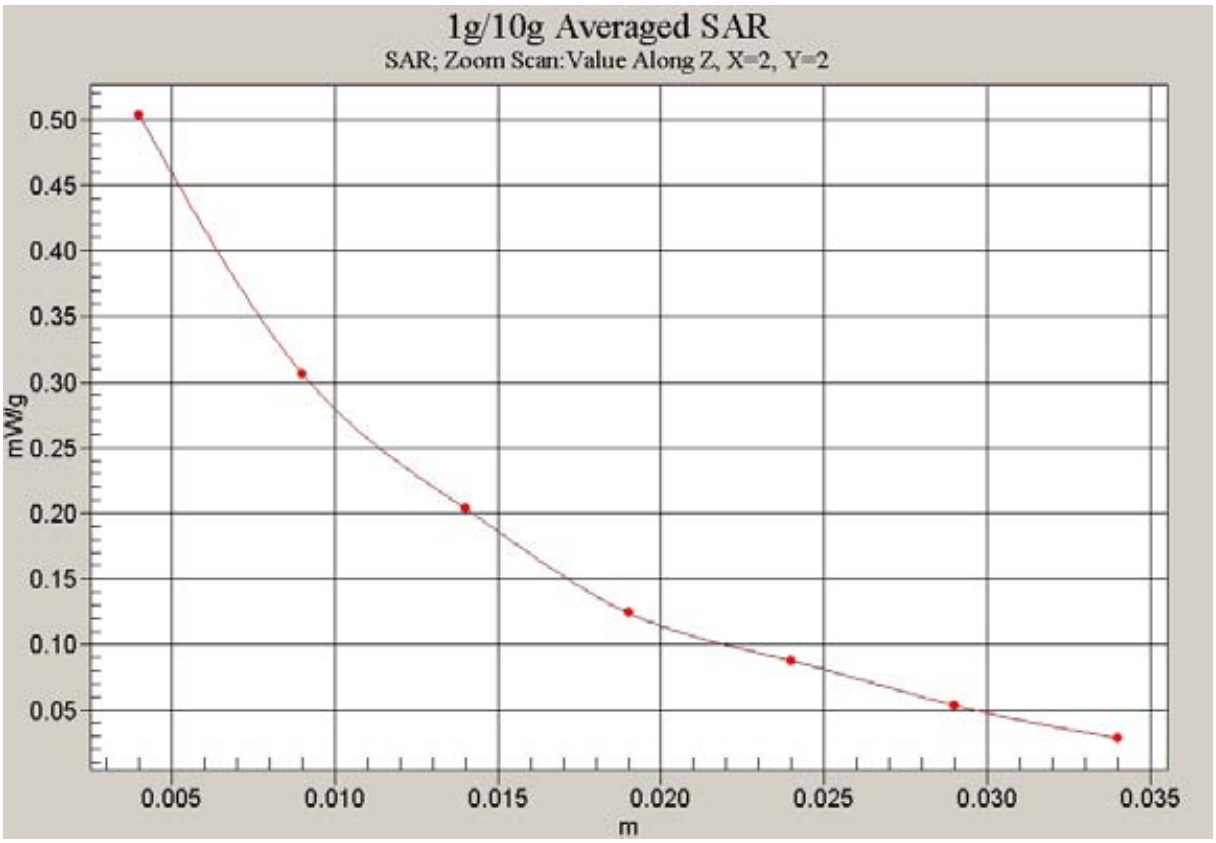


Fig. 98 Z-Scan at power reference point (1900 MHz CH661)

1900 Body GPRS Toward Ground Low-slide up
Date/Time: 2007-8-10 16:36:39

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

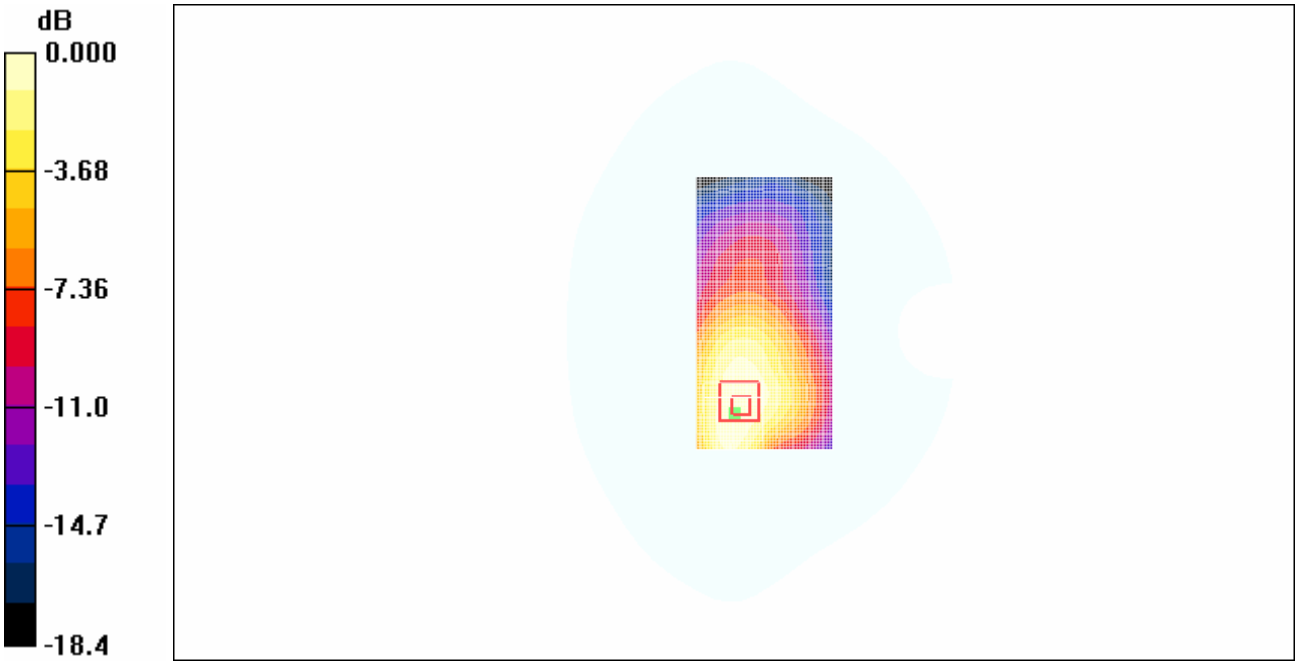
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.549 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.200 dB
Peak SAR (extrapolated) = 0.884 W/kg
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.546 mW/g



0 dB = 0.546mW/g

Fig. 99 1900 MHz CH512

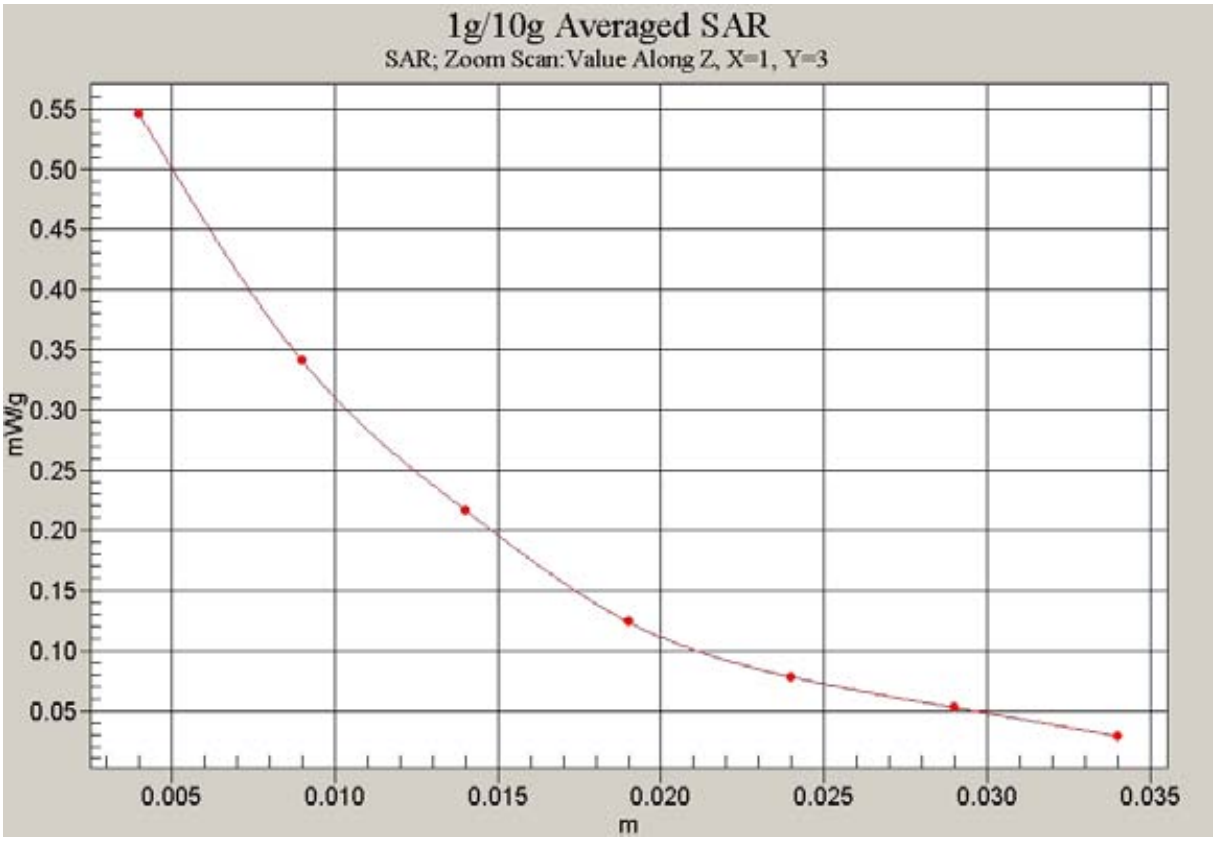


Fig. 100 Z-Scan at power reference point (1900 MHz CH512)

850 Body Toward Ground High with Bluetooth function-slide up
Date/Time: 2007-8-8 18:35:21

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.917 mho/m; ε_r = 43.7; ρ = 1000 kg/m^3

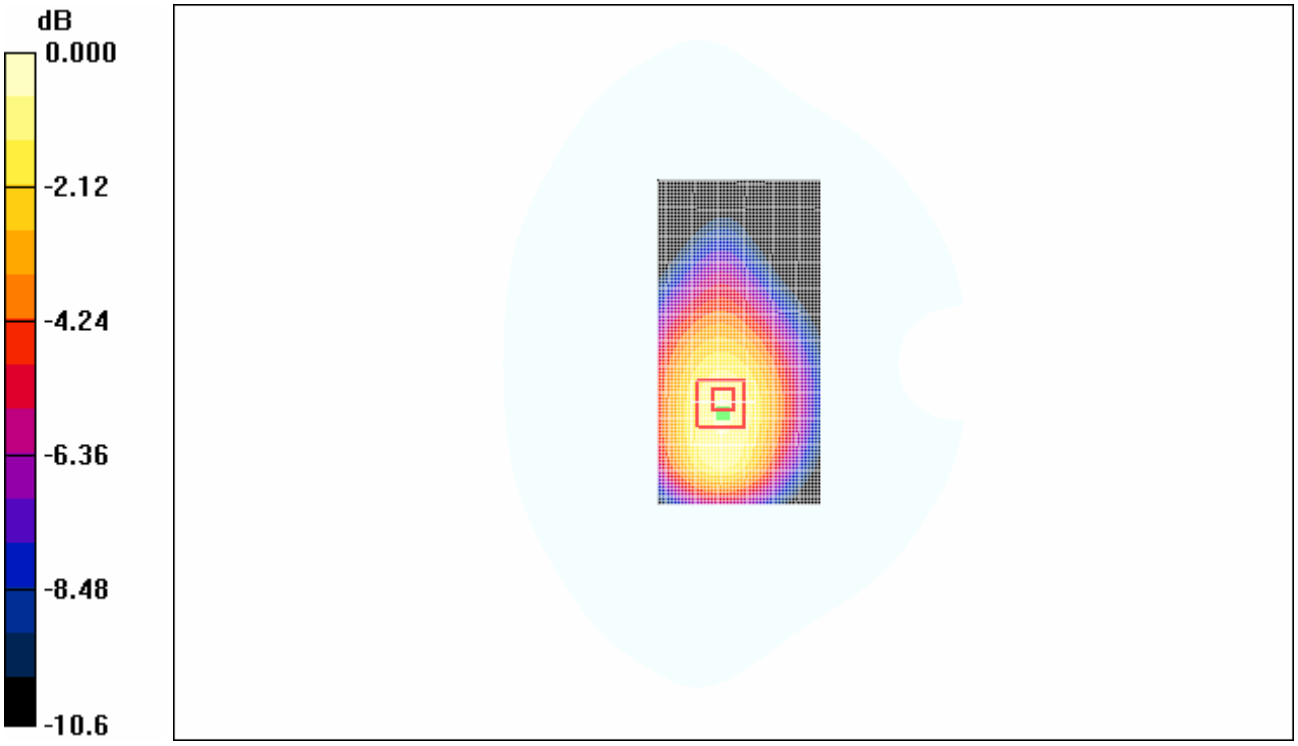
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

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 (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.942 mW/g

Toward Ground High/Zoom Scan (4x4x7)/Cube 0: Measurement grid: dx=10mm, dy=10mm, dz=5mm
Reference Value = 27.1 V/m; Power Drift = 0.200 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.741 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

Fig.101 850 MHz CH251

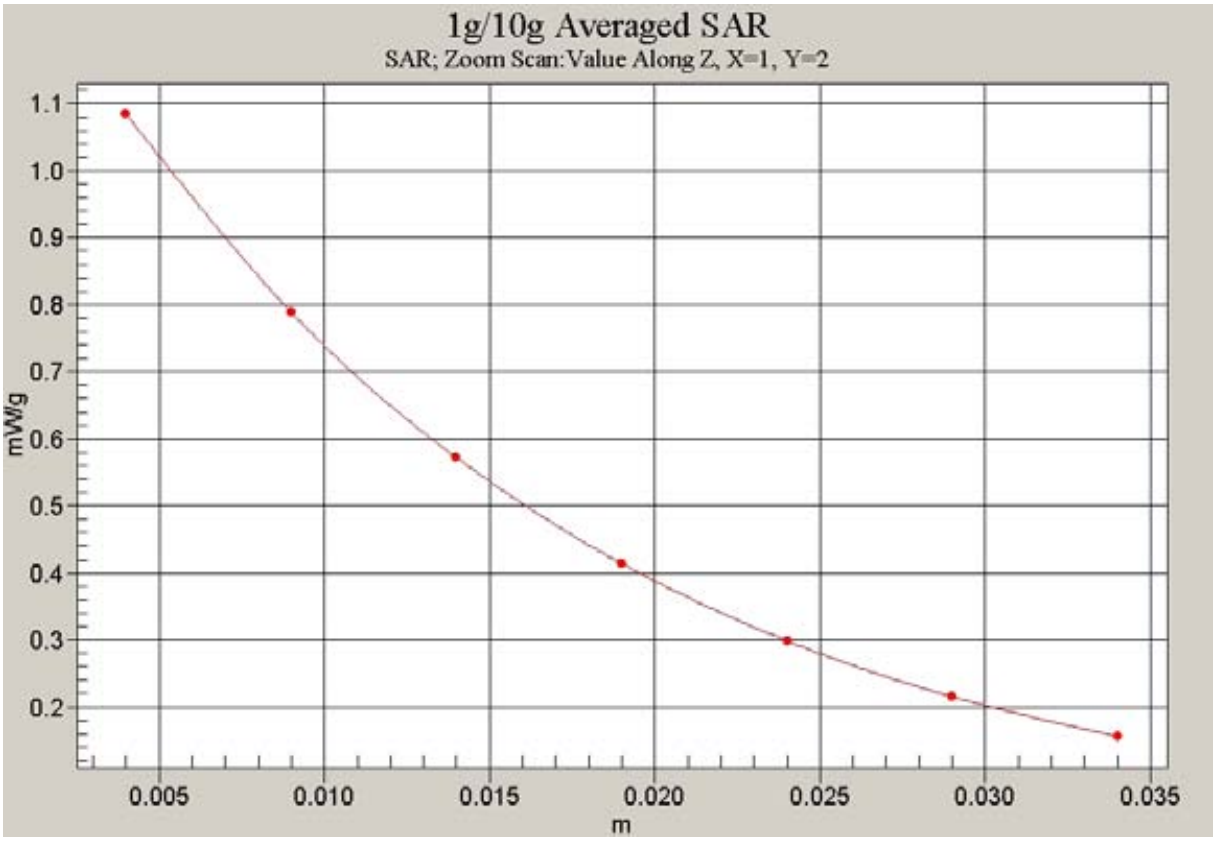


Fig. 102 Z-Scan at power reference point (850 MHz CH251)

1900 Body Toward Ground Low with Bluetooth function-slide up
Date/Time: 2007-8-10 17:55:36

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

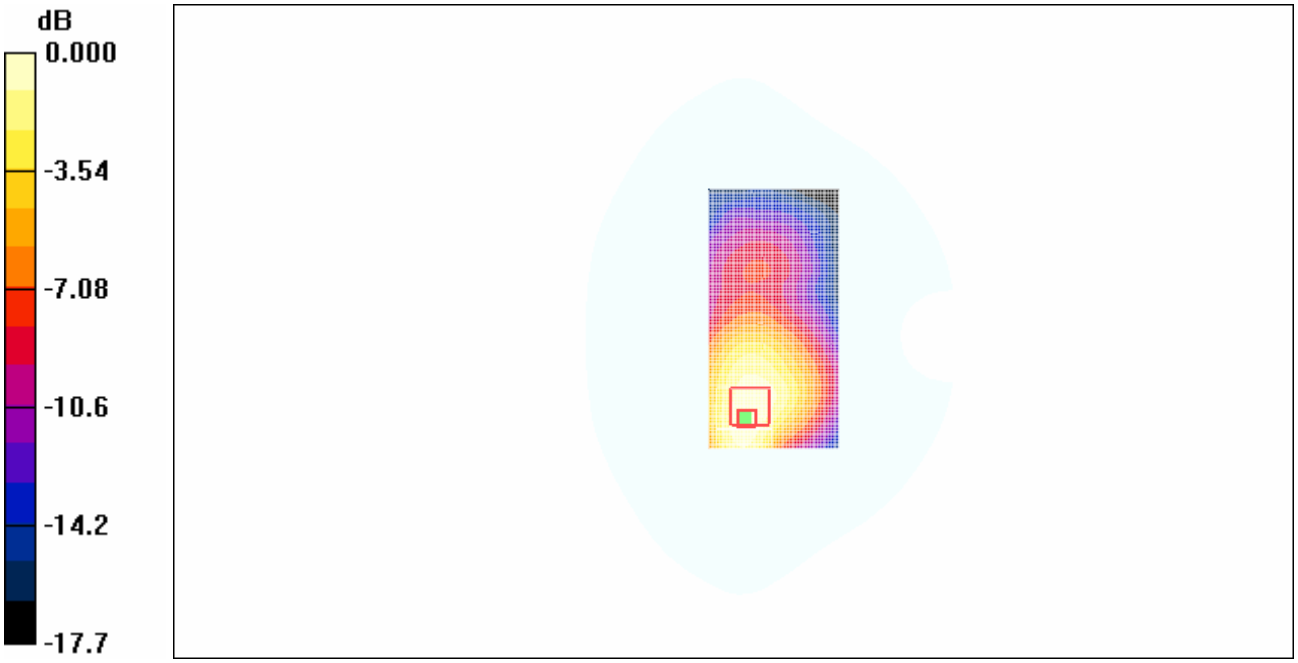
Ambient Temperature:23.3°C Liqiud Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

Toward Ground Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.574 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 = -0.141 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.574 mW/g



0 dB = 0.574mW/g

Fig. 103 1900 MHz CH512

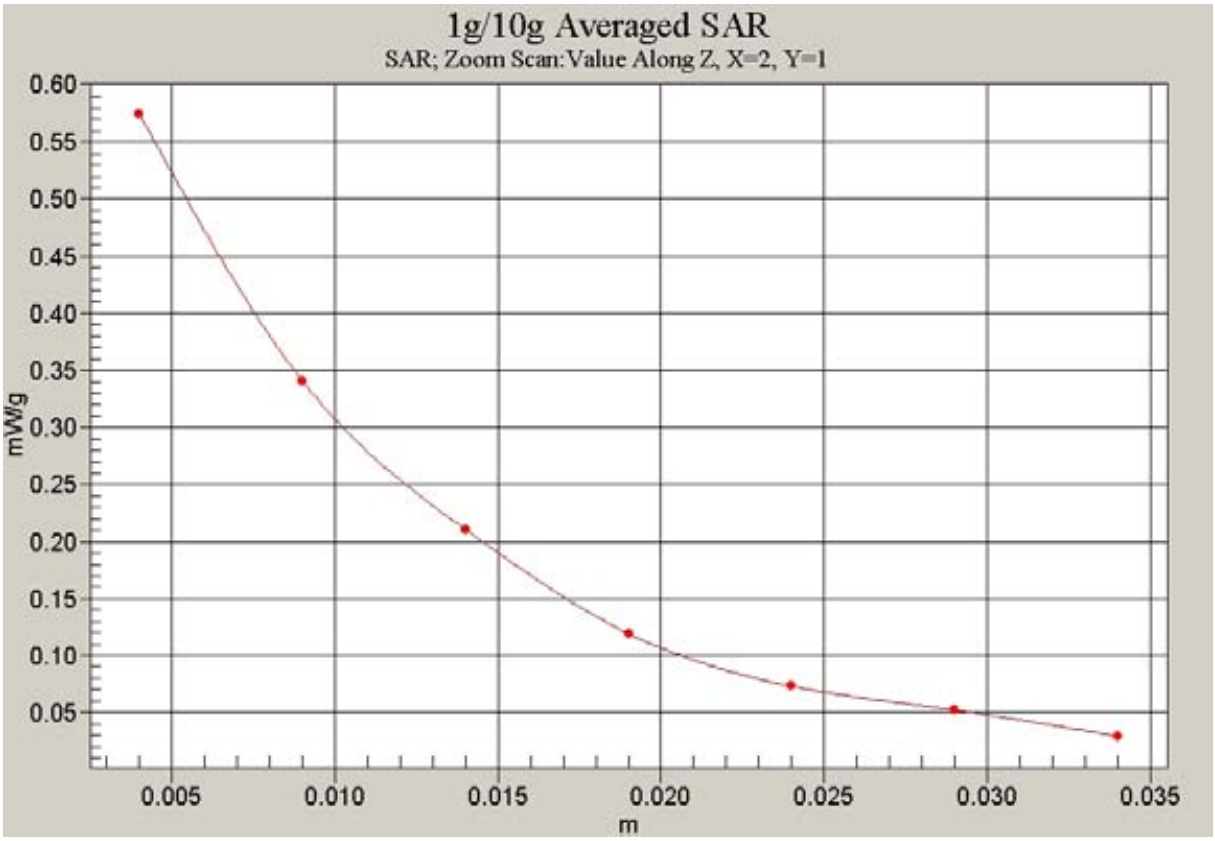


Fig. 104 Z-Scan at power reference point (1900 MHz CH512)

ANNEX D: SYSTEM VALIDATION RESULTS

835MHzDAE589Probe1736

Date/Time: 2007-8-8 7:41:26

Electronics: DAE3 Sn536

Medium: 835 Head

Medium parameters used: f=835 MHz; σ = 0.88 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3

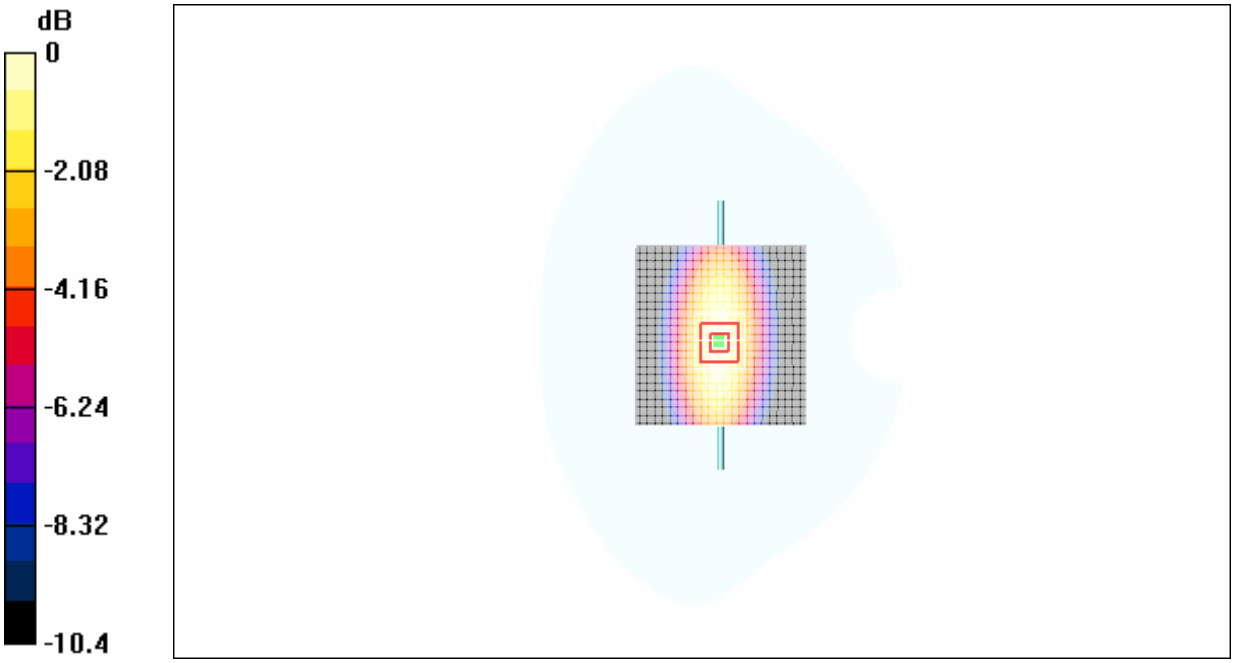
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.3^{o}C

Communication System: CW Frequency: 835 MHz Duty Cycle: 1:1

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

835MHz/Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.68 mW/g

835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.8 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.62 mW/g
Maximum value of SAR (measured) = 2.69 mW/g



0 dB = 2.69mW/g

Fig.105 validation 835MHz 250mW

1900MHzDAE536Probe1736
Date/Time: 2007-8-10 7:23:4

Electronics: DAE3 Sn536

Medium: 1900 Head

Medium parameters used: f=1900MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3

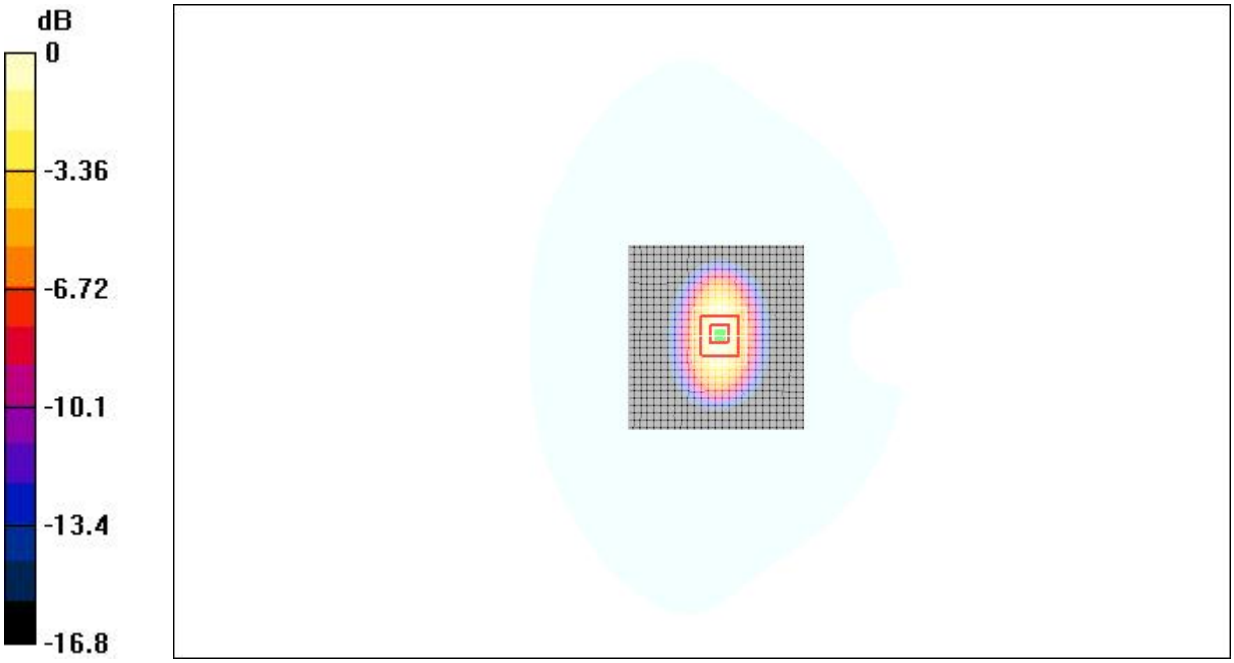
Ambient Temperature:23.3^{o}C Liqiud Temperature: 22.3^{o}C

Communication System: CW Frequency: 1900 MHz Duty Cycle: 1:1

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

System Validation/Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.2 mW/g

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.1 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.27 mW/g
Maximum value of SAR (measured) = 11.3 mW/g



0 dB = 11.3mW/g

Fig.106 validation 1900MHz 250mW

ANNEX E： PROBE CALIBRATION CERTIFICATE

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Swizerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Federal Office of metrology and Accreditation
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 108**

Client TMC China

Certificate No: ET3DV6-1736_Dec06

CALIBRATION CERTIFICATE

Object	**ET3DV6-SN: 1736**
Calibration procedure(s)	**QA CAL-01.v5** **Calibration procedure for dosimetric E-field probes**
Calibration date:	**December 1, 2006**
Condition of the calibrated item	**In Tolerance**

This calibration certify documents the traceability to national standards, which realize the physical units of measurements(SI).
All calibrations have been conducted at an environment temperature (22±3)°C and humidity<70%

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Data (Calibrated by, Certification NO.)	Scheduled Calibration
Power meter E4419B	GB341293874	22-May-06 (METAS, NO. 251-00466)	May-07
Power sensor E4412A	MY41495277	22-May-06 (METAS, NO. 251-00466)	May-07
Power sensor E4412A	MY41498087	22-May-06 (METAS, NO. 251-00466)	May-07
Reference 20 dB Attenuator	SN:S5086 (20b)	22-May-06 (METAS, NO. 251-00467)	May-07
Reference Probe ES3DV2	SN:S5086 (20b)	22-May-06 (METAS, NO. 251-00467)	May-07
DAE4	SN:3013	13-Jan-06 (SPEAG, NO. ES3-3013_Jan06)	Jan-07
Reference Probe ES3DV2	SN: 907	11-Jun-06 (SPEAG, NO.DAE4-907_Jun06)	Jun-07

Secondary Standards	ID#	Check Data (in house)	Scheduled Calibration
RF generator HP8648C	US3642U01700	4-Dec-05(SPEAG, in house check Dec-03)	In house check: Dec-09
Network Analyzer HP 8753E	US37390585	10-Nov-05(SPEAG, NO. DAE4-901_Nov-04)	In house check: Nov-09

	Name	Function	Signature
Calibrated by:	Nico Vetterli	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Director	

Issued: December 1, 2006

This calibration certificate shall not be reported except in full without written approval of the laboratory.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accreditation No.: **SCS 108**

Accredited by the Swiss Federal Office of Metrology and Accreditation
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
Polarization φ	φ rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is normal to probe axis

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003
b) CENELEC EN 50361, "Basic standard for the measurement of Specific Absorption Rate related to human exposure to electromagnetic fields from mobile phones (300 MHz - 3 GHz), July 2001

Methods Applied and Interpretation of Parameters:

- *NORMx,y,z:* Assessed for E-field polarization $\vartheta = 0$ ($f \le 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not effect the E^2-field uncertainty inside TSL (see below *ConvF*).
- *NORM(f)x,y,z = NORMx,y,z * frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of *ConvF*.
- *DCPx,y,z:* DCP are numerical linearization parameters assessed based on the data of power sweep (no uncertainty required). DCP does not depend on frequency nor media.
- *ConvF and Boundary Effect Parameters:* Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \le 800$ MHz) and inside waveguide using analytical field distributions based on power measurements for $f > 800$ MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to *NORMx,y,z * ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- *Spherical isotropy (3D deviation from isotropy)*: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset*: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.

Probe ET3DV6

SN: 1736

Manufactured:	September 27, 2002
Last calibrated:	November 25, 2005
Recalibrated:	December 1, 2006

Calibrated for DASY System

DASY - Parameters of Probe: ET3DV6 SN:1736

Sensitivity in Free Space[A] Diode Compression[B]

NormX	**1.97** ± 10.1%	$\mu V/(V/m)^2$	DCP X	**93** mV
NormY	**1.75** ± 10.1%	$\mu V/(V/m)^2$	DCP Y	**93** mV
NormZ	**1.97** ± 10.1%	$\mu V/(V/m)^2$	DCP Z	**93** mV

Sensitivity in Tissue Simulating Liquid (Conversion Factors)

Please see Page 8.

Boundary Effect

TSL **900 MHz** **Typical SAR gradient: 5 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	9.6	5.0
SAR_{be} [%]	With Correction Algorithm	0.1	0.3

TSL **1810 MHz** **Typical SAR gradient: 10 % per mm**

Sensor Center to Phantom Surface Distance		**3.7 mm**	**4.7 mm**
SAR_{be} [%]	Without Correction Algorithm	13.2	8.8
SAR_{be} [%]	With Correction Algorithm	0.6	0.1

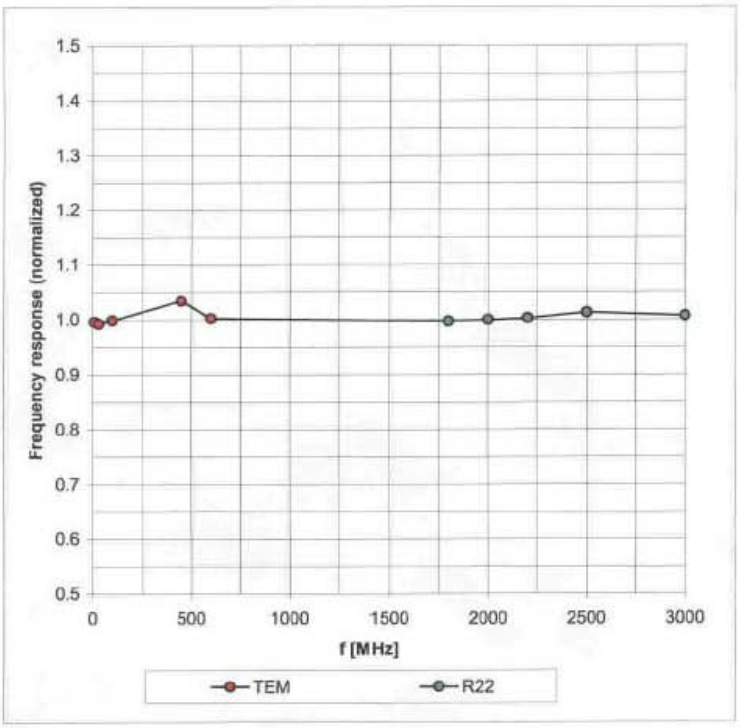
Sensor Offset

Probe Tip to Sensor Center	**2.7** mm

ET3DV6 SN: 1736 December 1, 2006

Frequency Response of E-Field

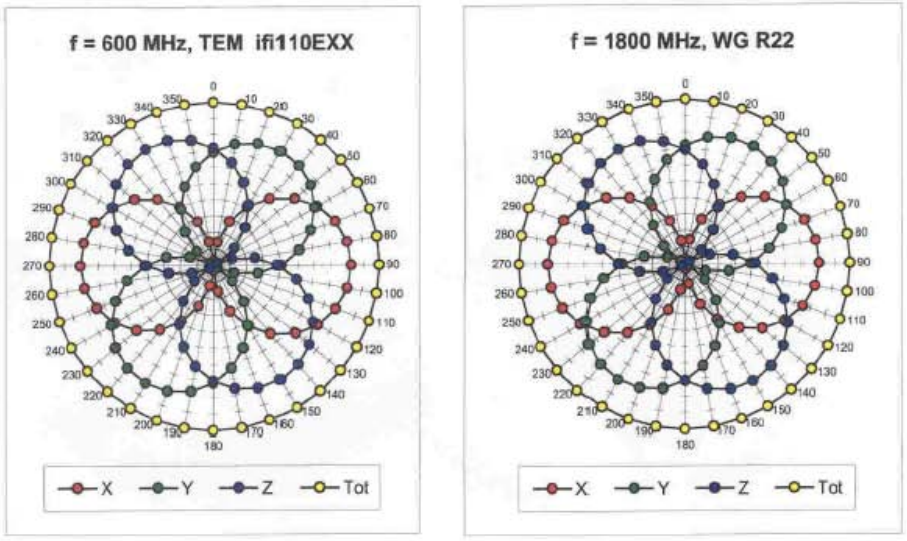
(TEM-Cell:ifi110 EXX, Waveguide: R22)

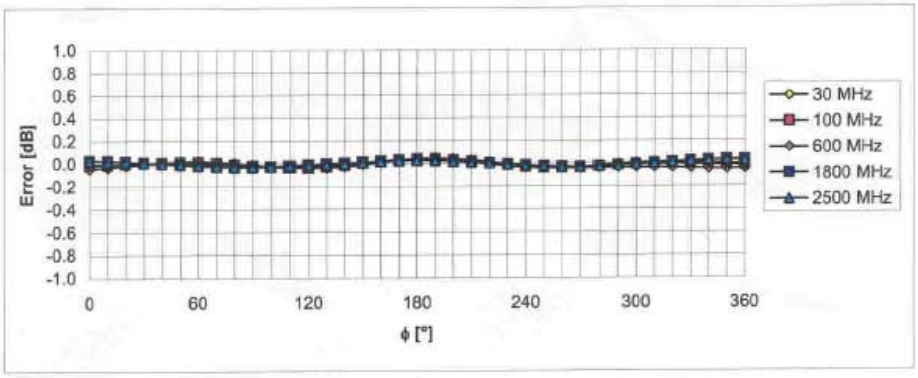


Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

ET3DV6 SN: 1736 December 1, 2006

Receiving Pattern (ϕ), ϑ = 0°



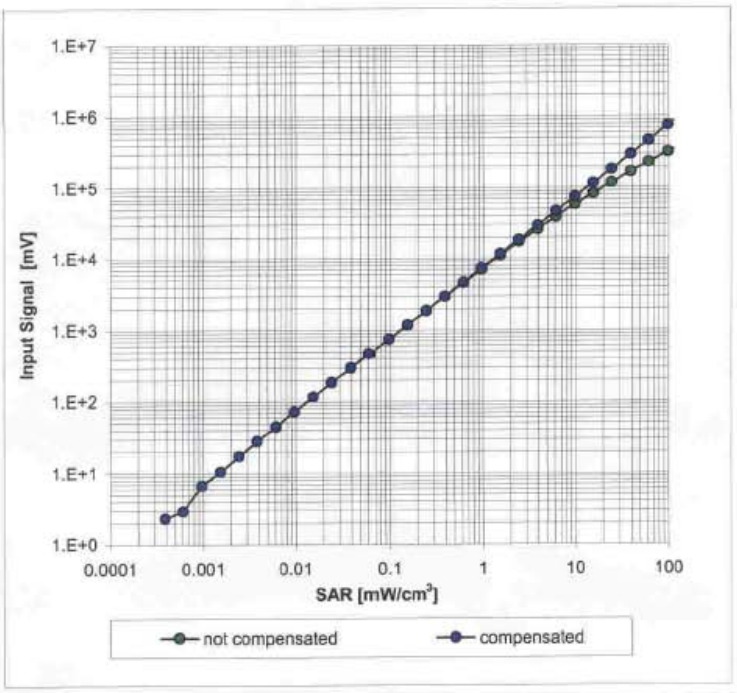


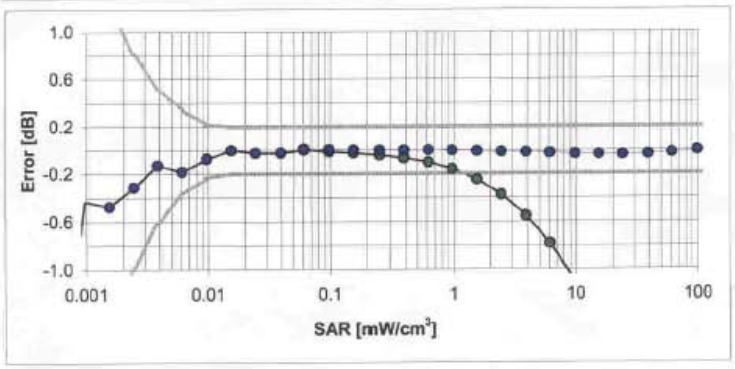
Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

ET3DV6 SN: 1736 December 1, 2006

Dynamic Range f(SAR_{head})

(Waveguide R22, f = 1800 MHz)

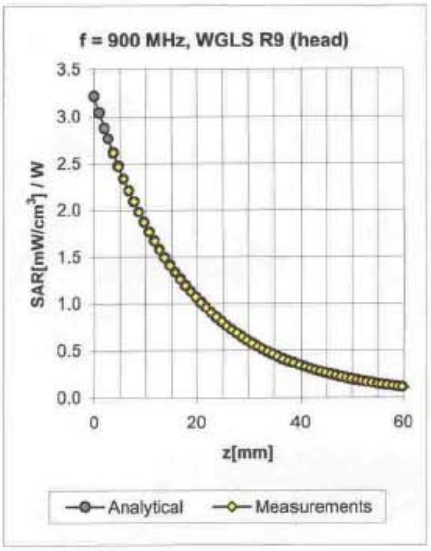


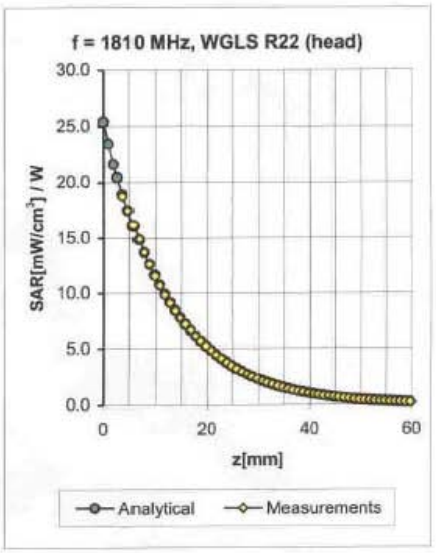


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

ET3DV6 SN: 1736 December 1, 2006

Conversion Factor Assessment



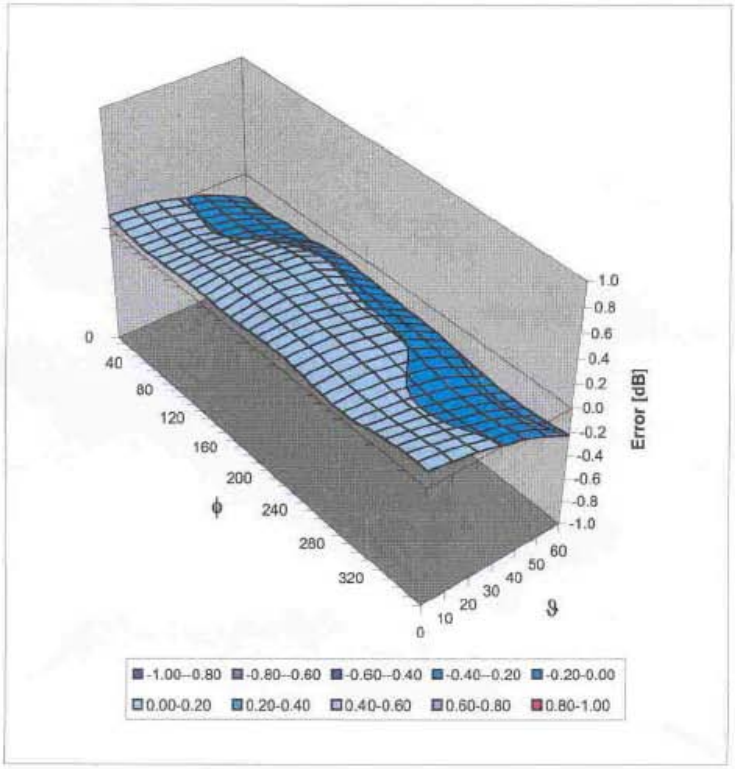


f [MHz]	Validity [MHz][C]	TSL	Permittivity	Conductivity	Alpha	Depth	ConvF Uncertainty
900	± 50 / ± 100	Head	41.5 ± 5%	0.97 ± 5%	0.56	1.85	6.51 ± 11.0% (k=2)
1810	± 50 / ± 100	Head	40.0 ± 5%	1.40 ± 5%	0.57	2.47	5.40 ± 11.0% (k=2)
2450	± 50 / ± 100	Head	39.2 ± 5%	1.80 ± 5%	0.62	2.29	4.67 ± 11.8% (k=2)
450	± 50 / ± 100	Body	56.7 ± 5%	0.94 ± 5%	0.12	1.61	7.74 ± 13.3% (k=2)
900	± 50 / ± 100	Body	55.0 ± 5%	1.05 ± 5%	0.47	2.15	6.45 ± 11.0% (k=2)
1810	± 50 / ± 100	Body	53.3 ± 5%	1.52 ± 5%	0.53	2.78	4.88 ± 11.0% (k=2)
2450	± 50 / ± 100	Body	52.7 ± 5%	1.95 ± 5%	0.65	2.11	4.35 ± 11.8% (k=2)

ET3DV6 SN: 1736 December 1, 2006

Deviation from Isotropy in HSL

Error (ϕ, ϑ), f = 900 MHz



Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)