

1900 Right Cheek Low

Date/Time: 2007-10-18 8:45:14

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (61x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.207 mW/g

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

Reference Value = 11.4 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.193 mW/g

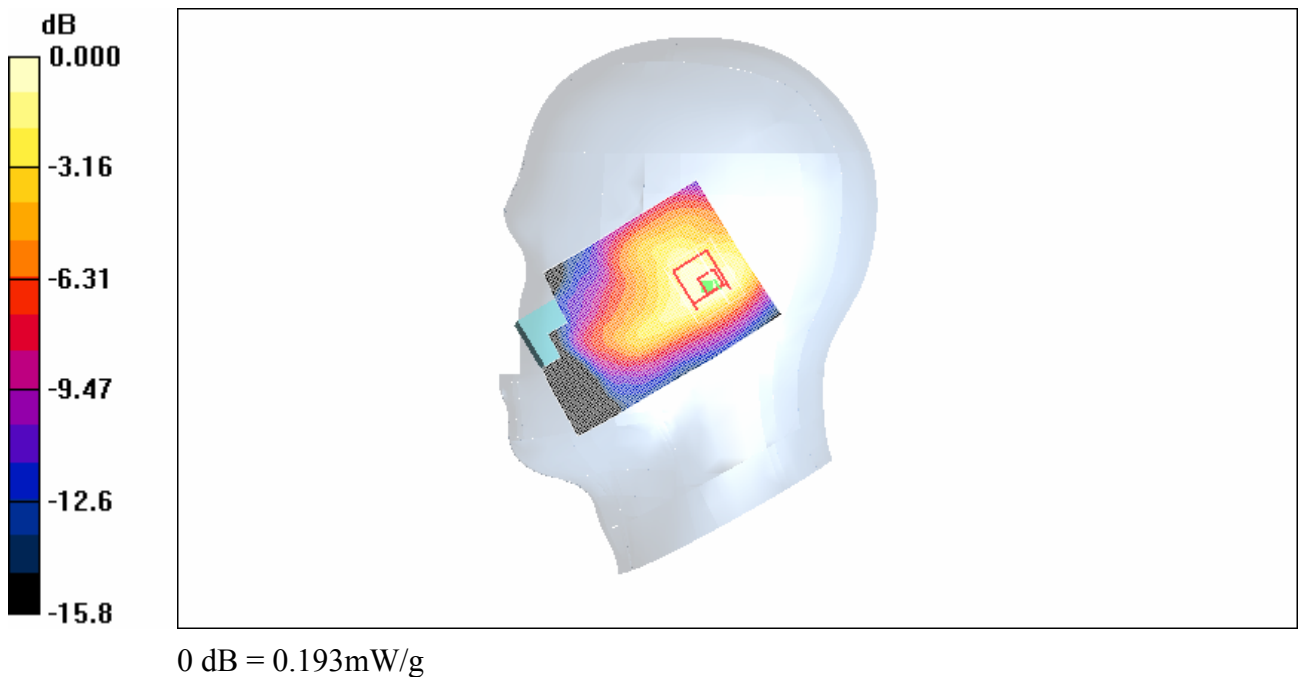


Fig. 17 1900 MHz CH512

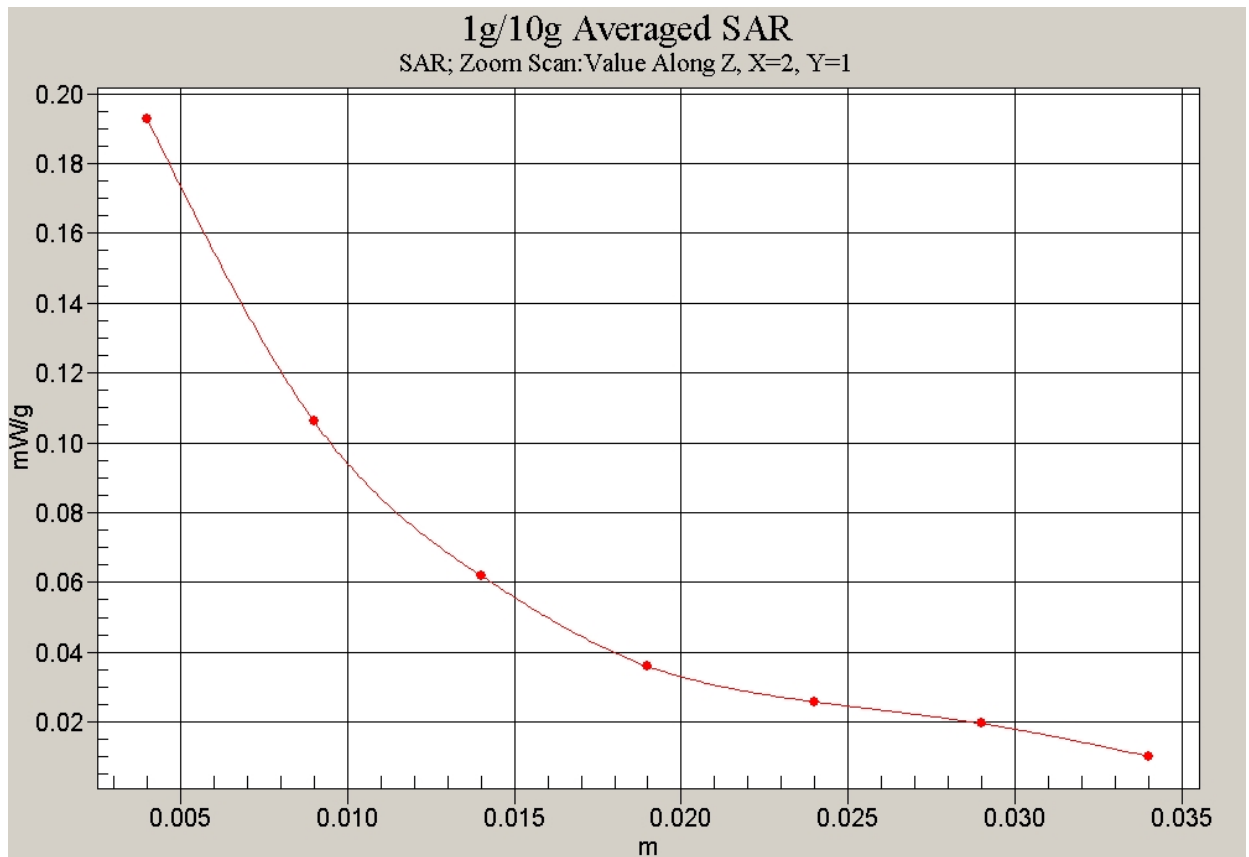


Fig. 18 Z-Scan at power reference point (1900 MHz CH512)

1900 Right Tilt High

Date/Time: 2007-10-18 9:28:53

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C

Liquid Temperature: 22.5°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 (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 12.3 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.203 mW/g

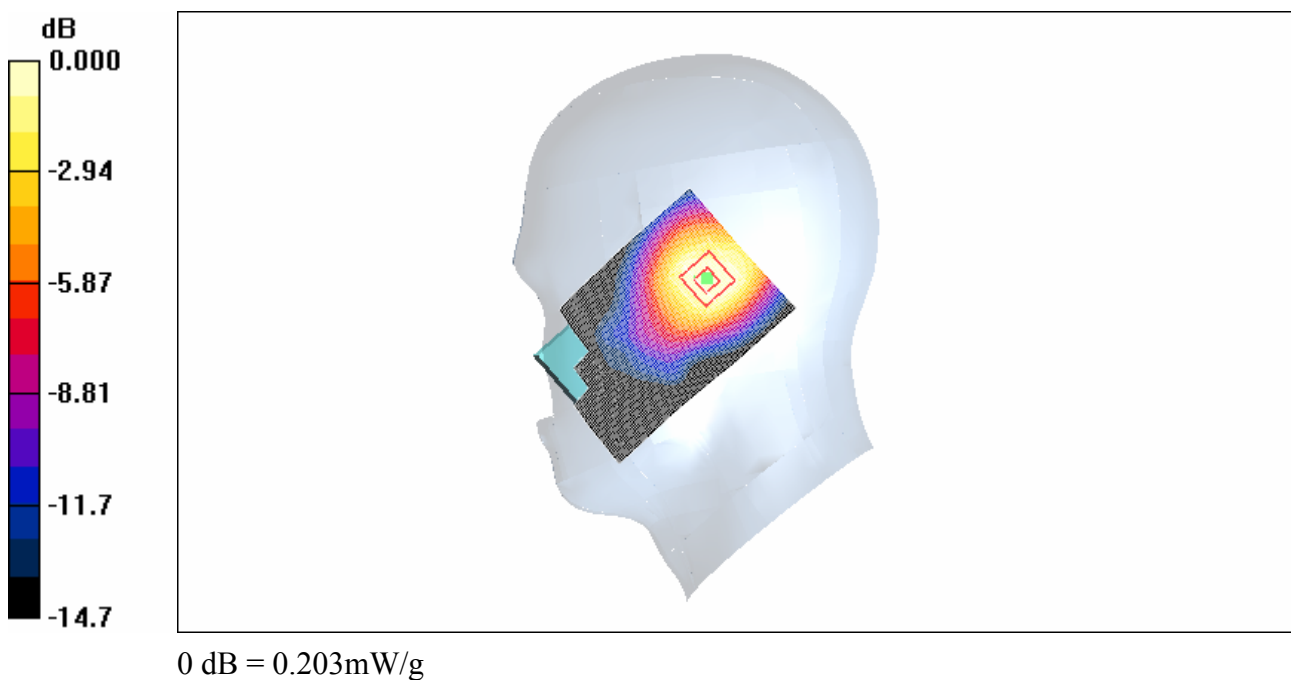


Fig. 19 1900 MHz CH810

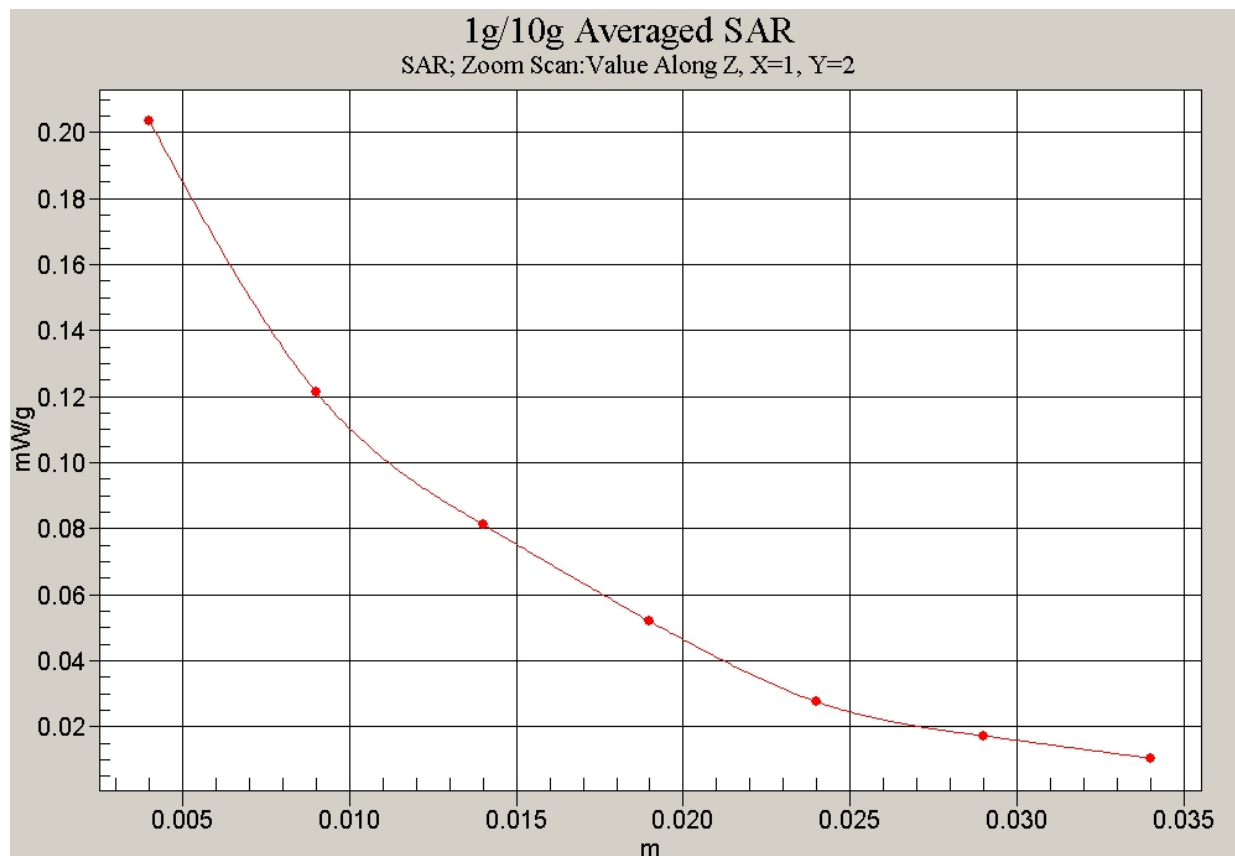


Fig. 20 Z-Scan at power reference point (1900 MHz CH810)

1900 Right Tilt Middle

Date/Time: 2007-10-18 9:15:43

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C

Liquid Temperature: 22.5°C

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

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

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

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

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

Reference Value = 13.8 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.249 mW/g

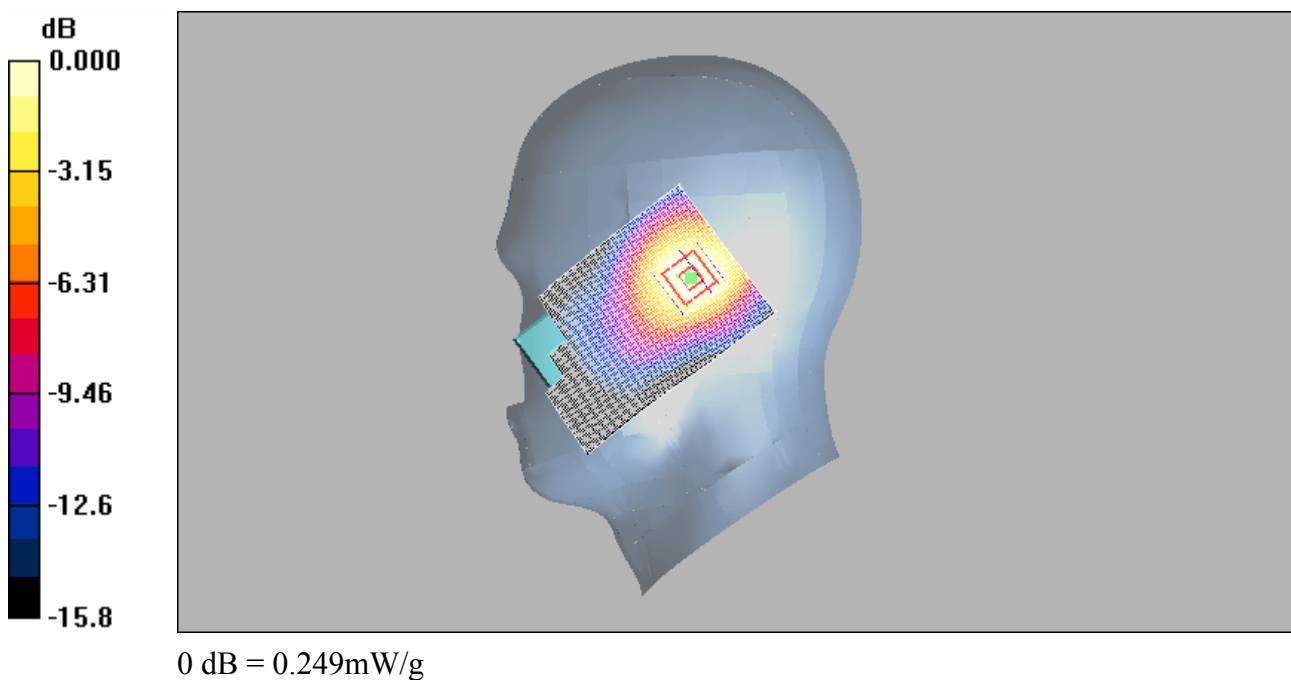


Fig.21 1900 MHz CH661

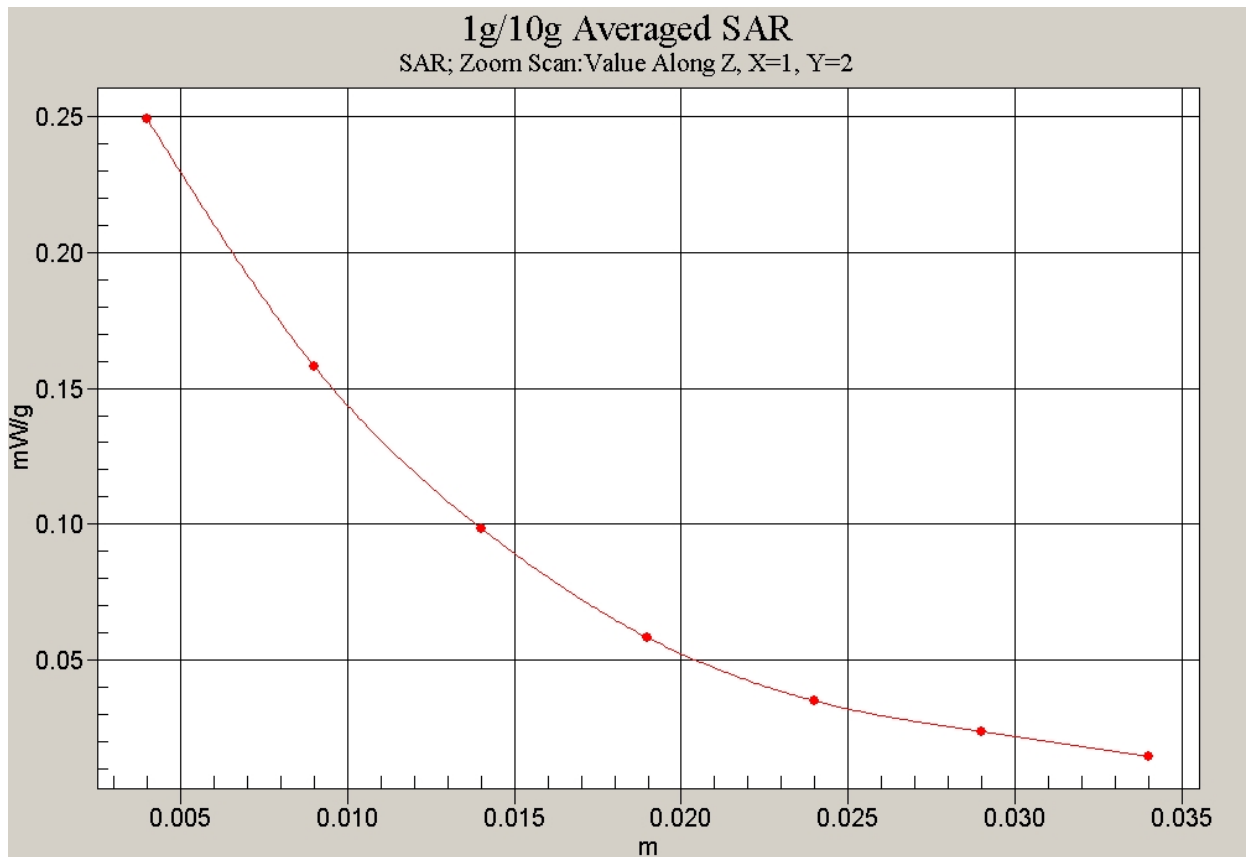


Fig. 22 Z-Scan at power reference point (1900 MHz CH661)

1900 Right Tilt Low

Date/Time: 2007-10-18 9:00:22

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.319 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 = 0.200 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.360 mW/g

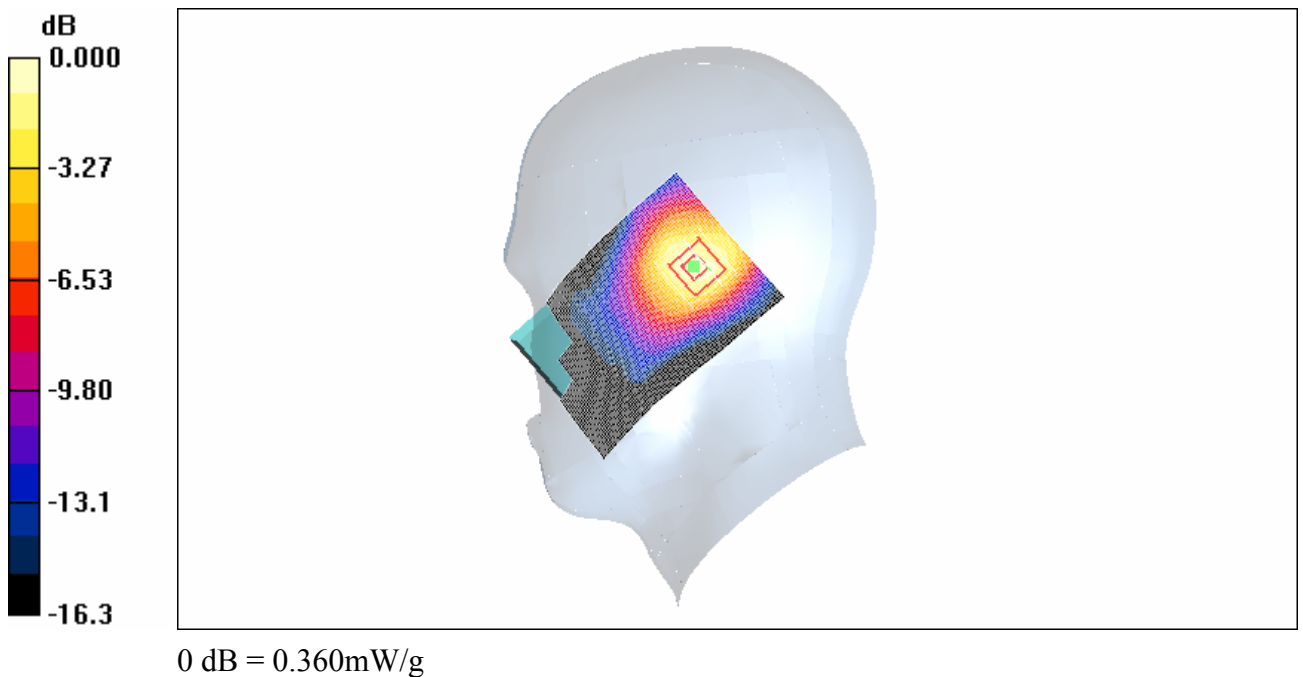


Fig.23 1900 MHz CH512

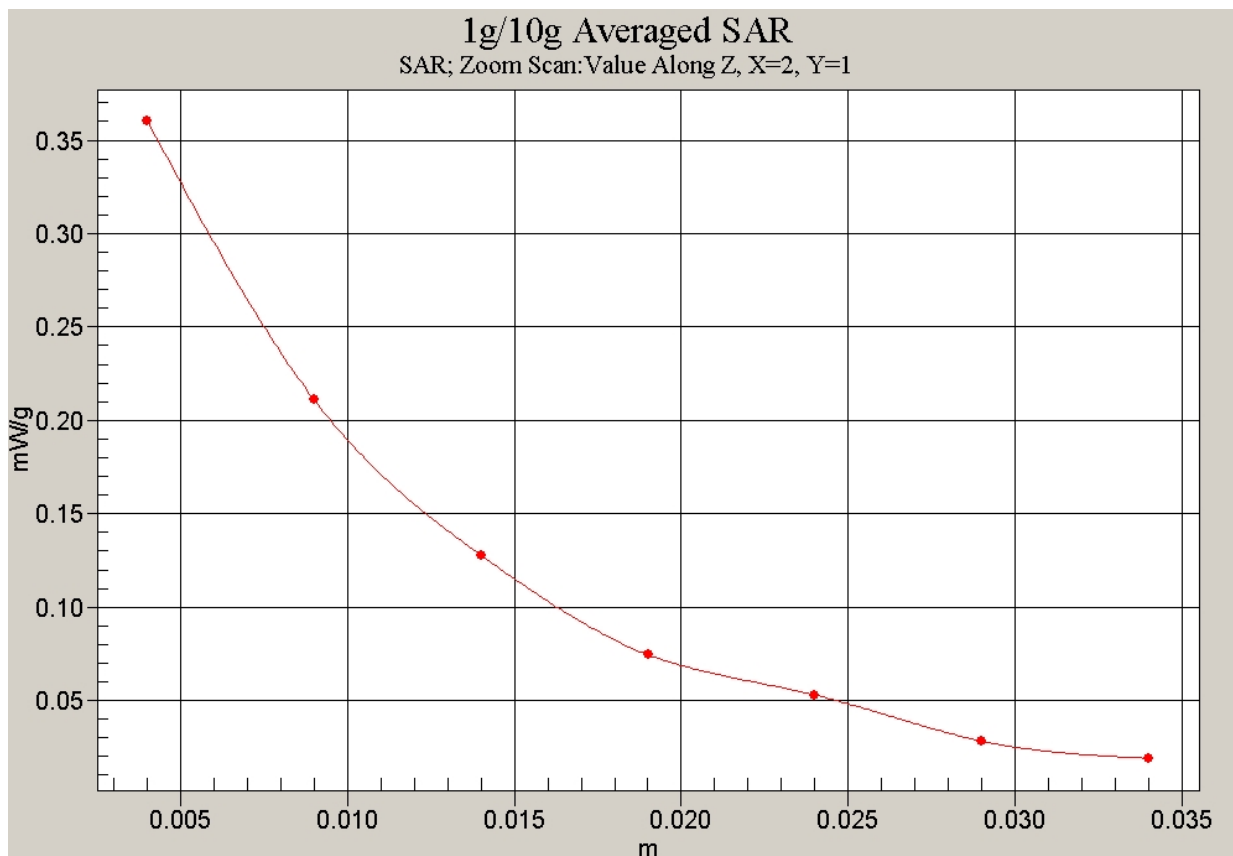


Fig. 24 Z-Scan at power reference point (1900 MHz CH512)

1900 Body Towards Phantom High

Date/Time: 2007-10-18 13:57:45

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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

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

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

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

Maximum value of SAR (interpolated) = 0.111 mW/g

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

Reference Value = 4.34 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.104 mW/g

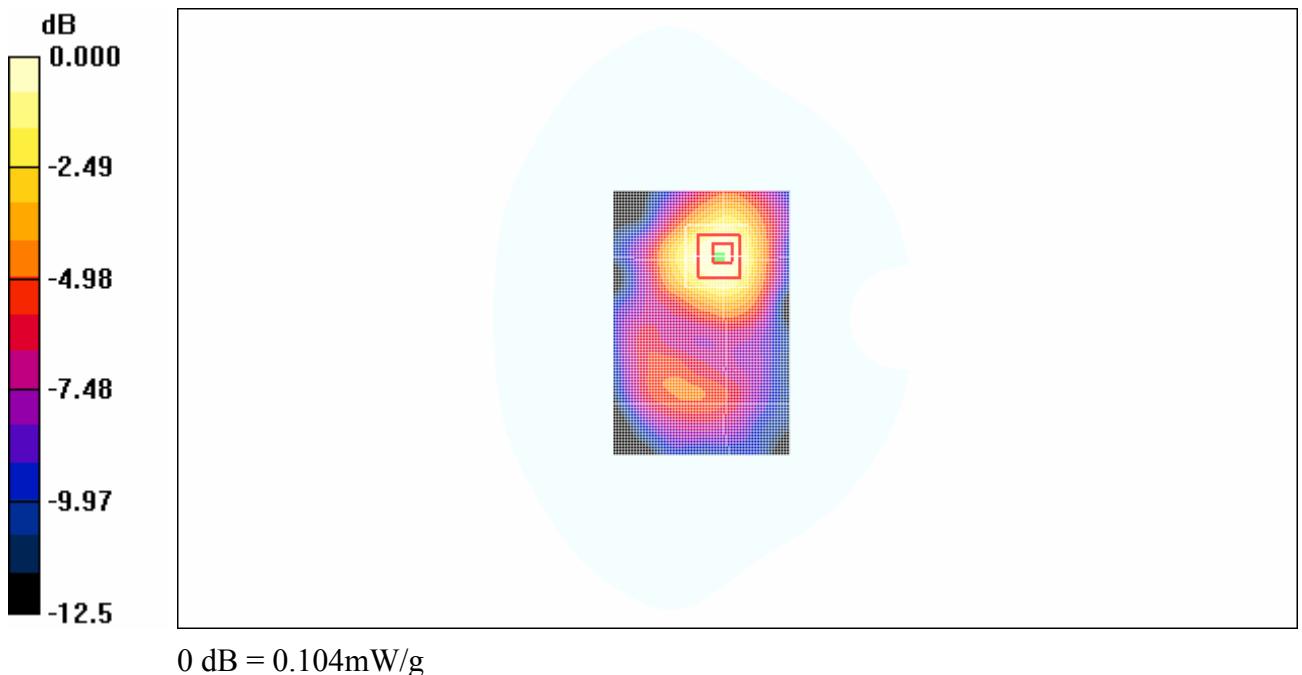


Fig. 25 1900 MHz CH810

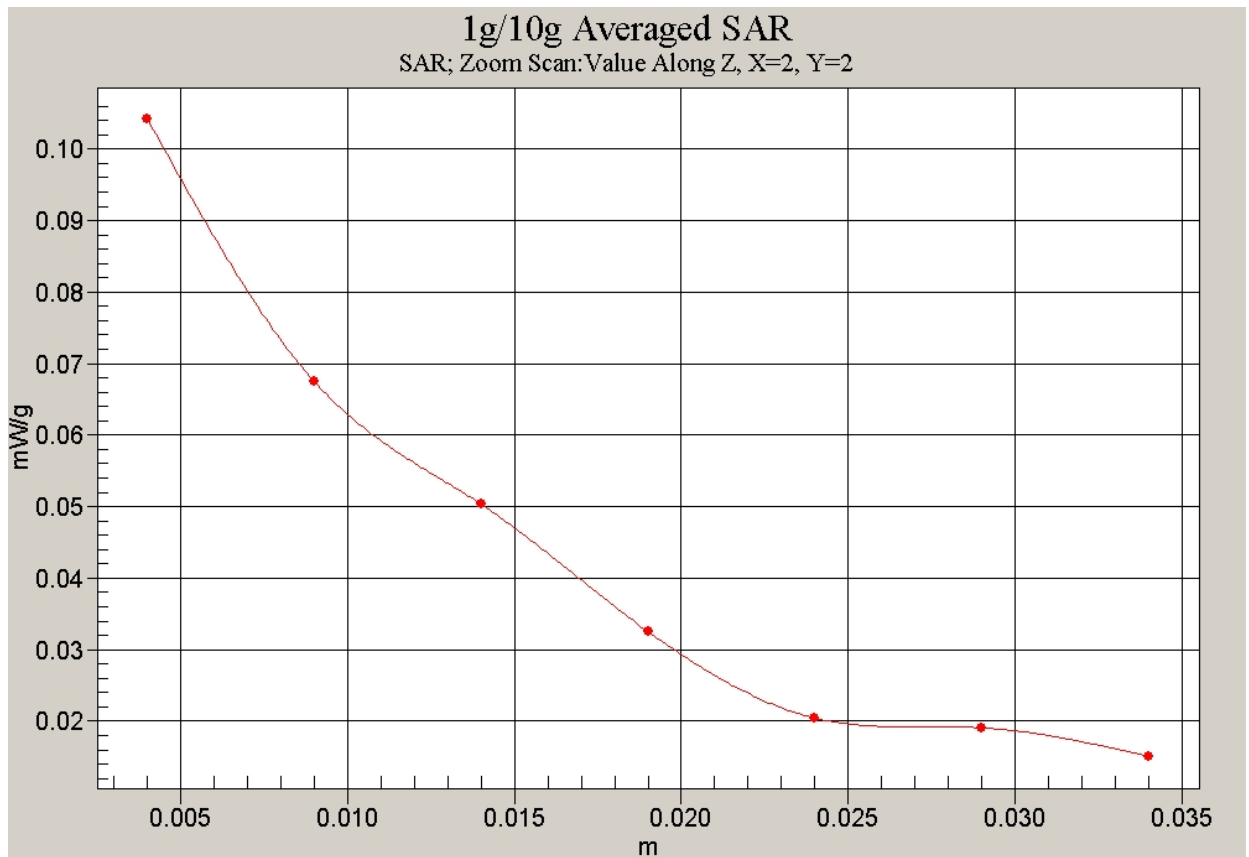


Fig. 26 Z-Scan at power reference point (1900 MHz CH810)

1900 Body Towards Phantom Middle

Date/Time: 2007-10-18 13:14:56

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

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

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

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

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

Maximum value of SAR (interpolated) = 0.120 mW/g

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

Reference Value = 4.39 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.117 mW/g

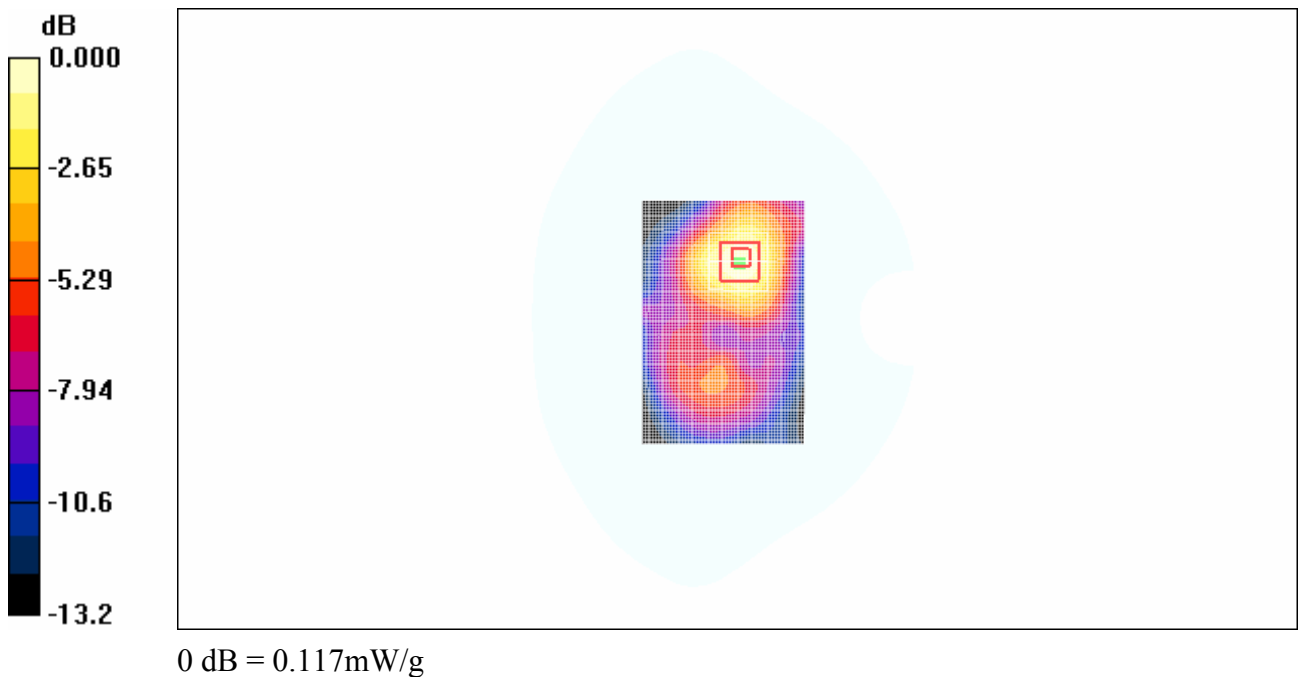


Fig. 27 1900 MHz CH661

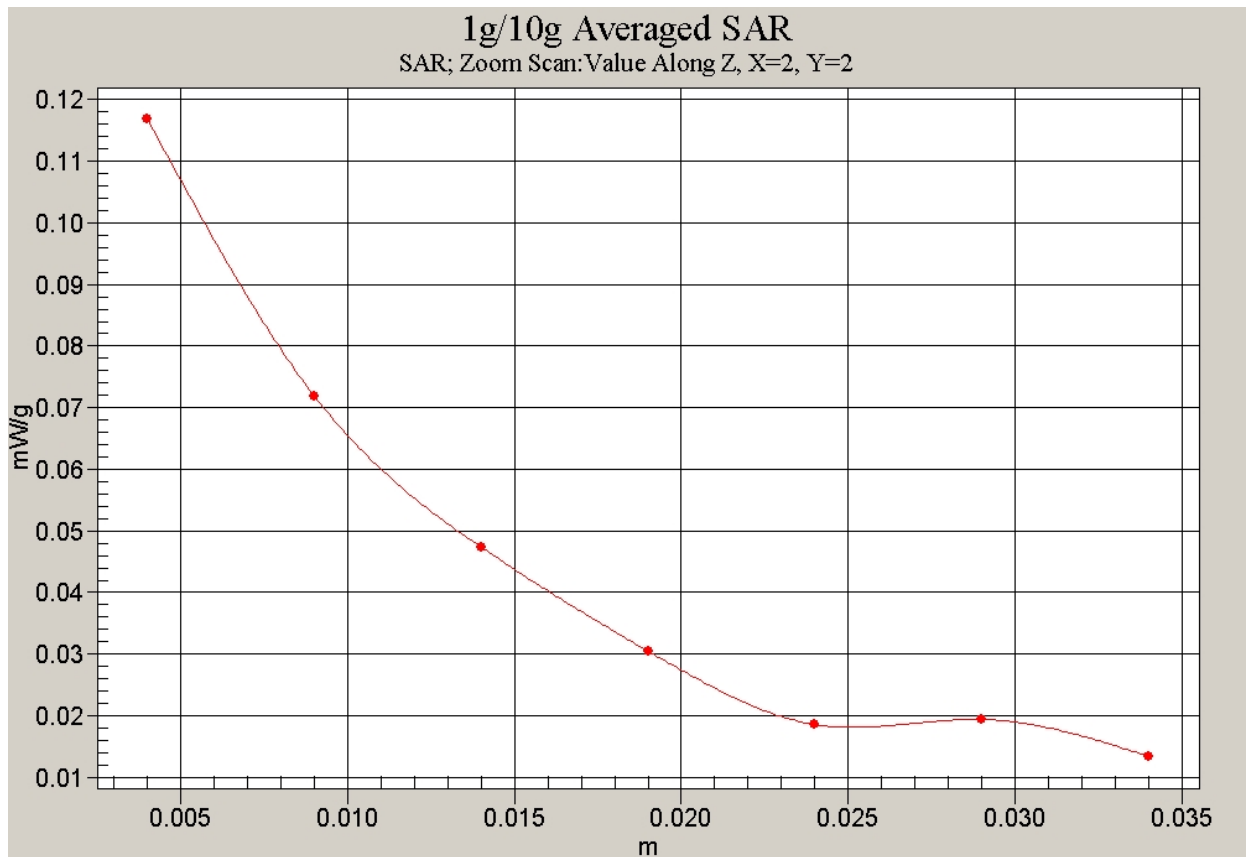


Fig. 28 Z-Scan at power reference point (1900 MHz CH661)

1900 Body Towards Phantom Low

Date/Time: 2007-10-18 13:34:42

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

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

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

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

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

Maximum value of SAR (interpolated) = 0.149 mW/g

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

Reference Value = 4.83 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.139 mW/g

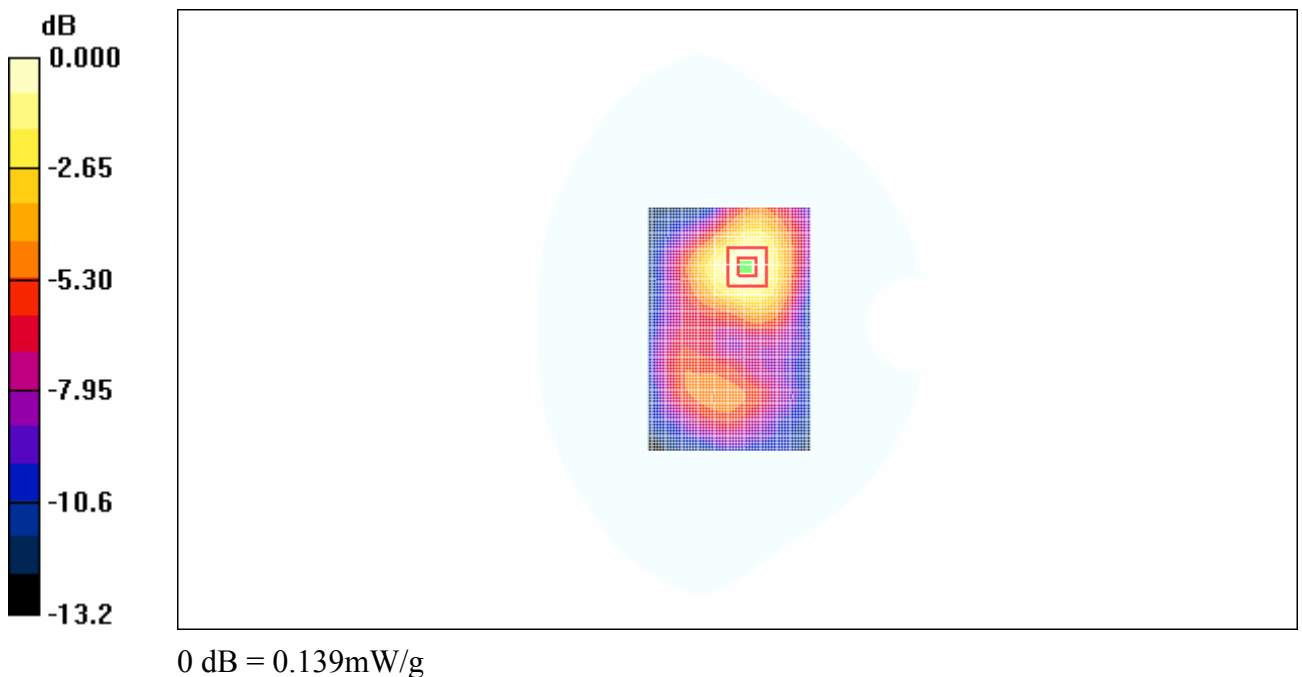


Fig. 29 1900 MHz CH512

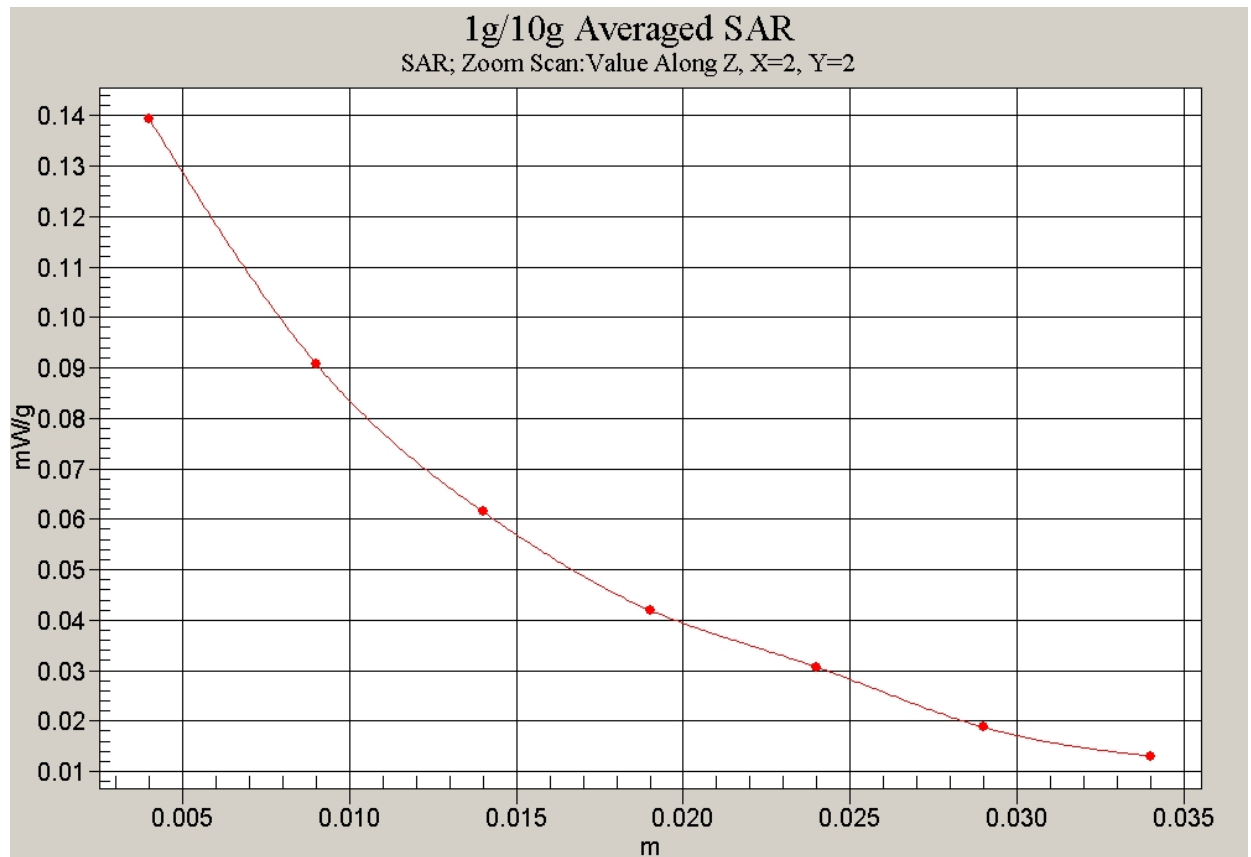


Fig. 30 Z-Scan at power reference point (1900 MHz CH512)

1900 Body Towards Ground High

Date/Time: 2007-10-18 14:53:37

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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

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

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

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

Maximum value of SAR (interpolated) = 0.383 mW/g

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

Reference Value = 10.3 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.368 mW/g

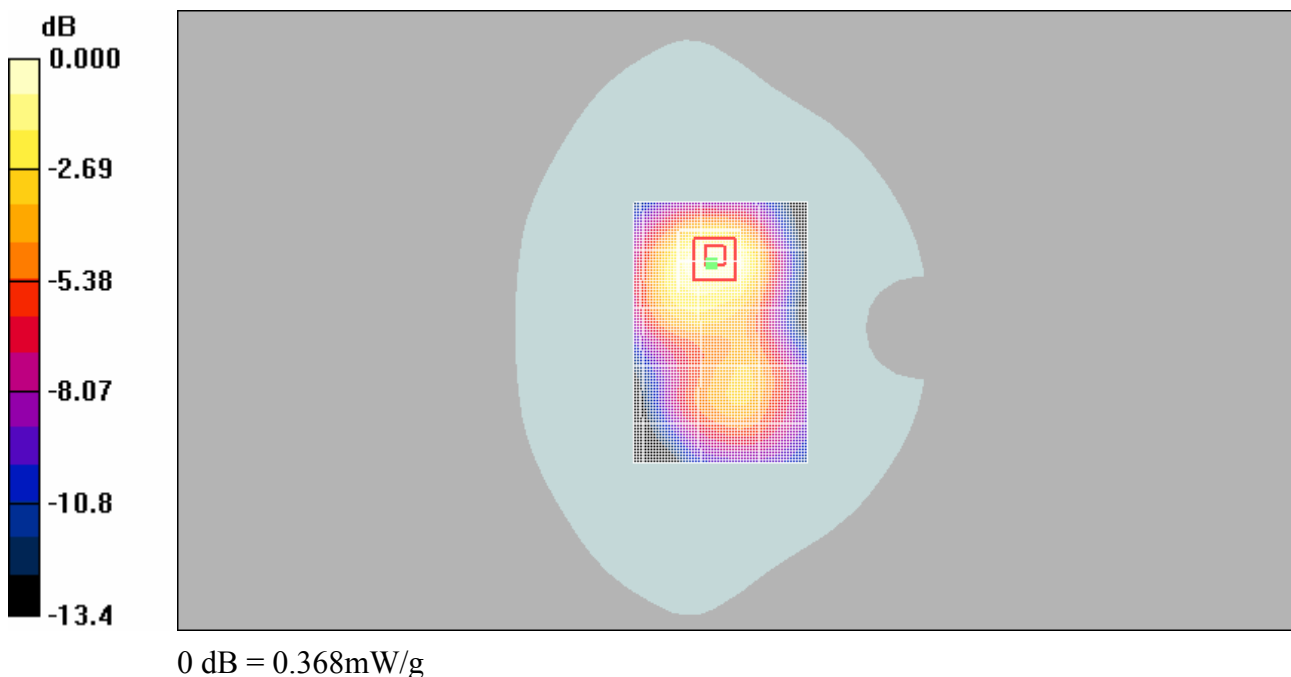


Fig. 31 1900 MHz CH810

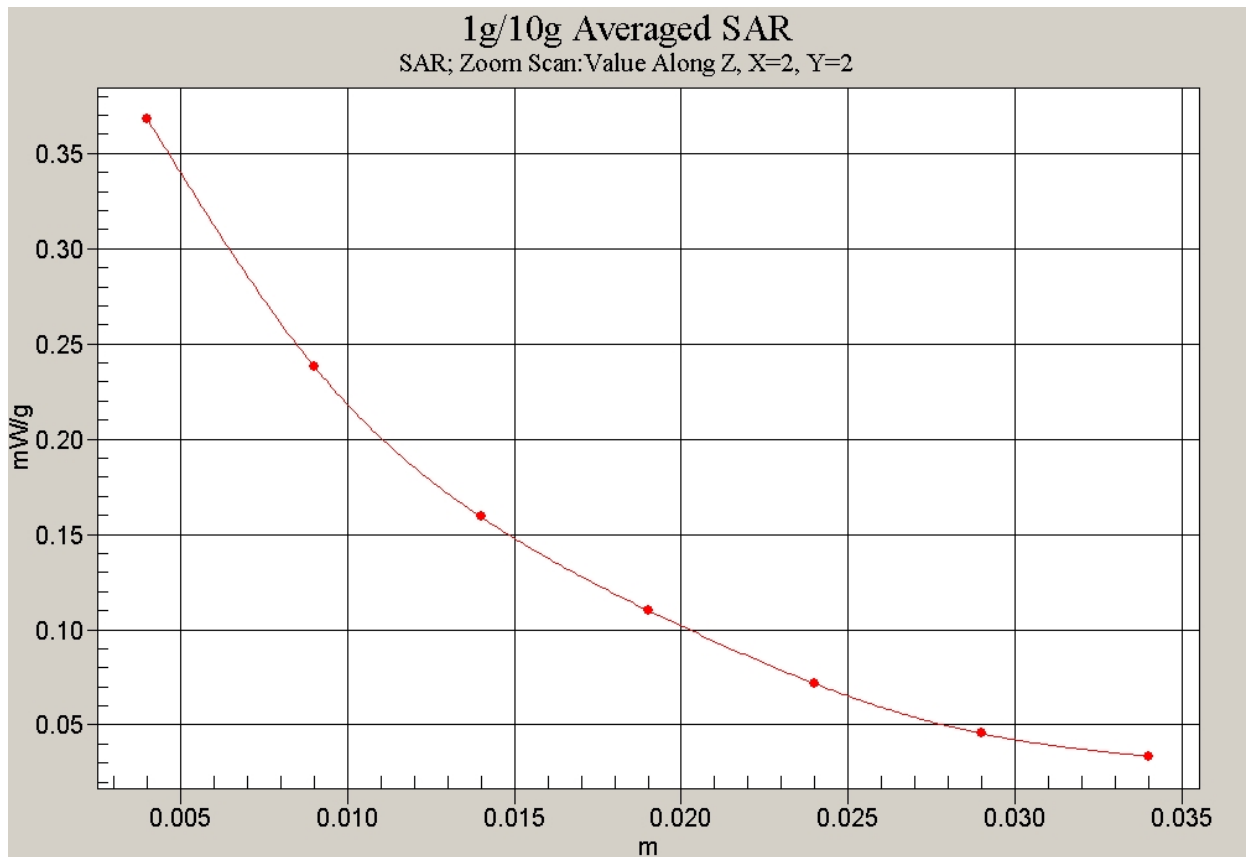


Fig. 32 Z-Scan at power reference point (1900 MHz CH810)

1900 Body Towards Ground Middle

Date/Time: 2007-10-18 14:10:21

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

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

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

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

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

Maximum value of SAR (interpolated) = 0.398 mW/g

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

Reference Value = 11.1 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.386 mW/g

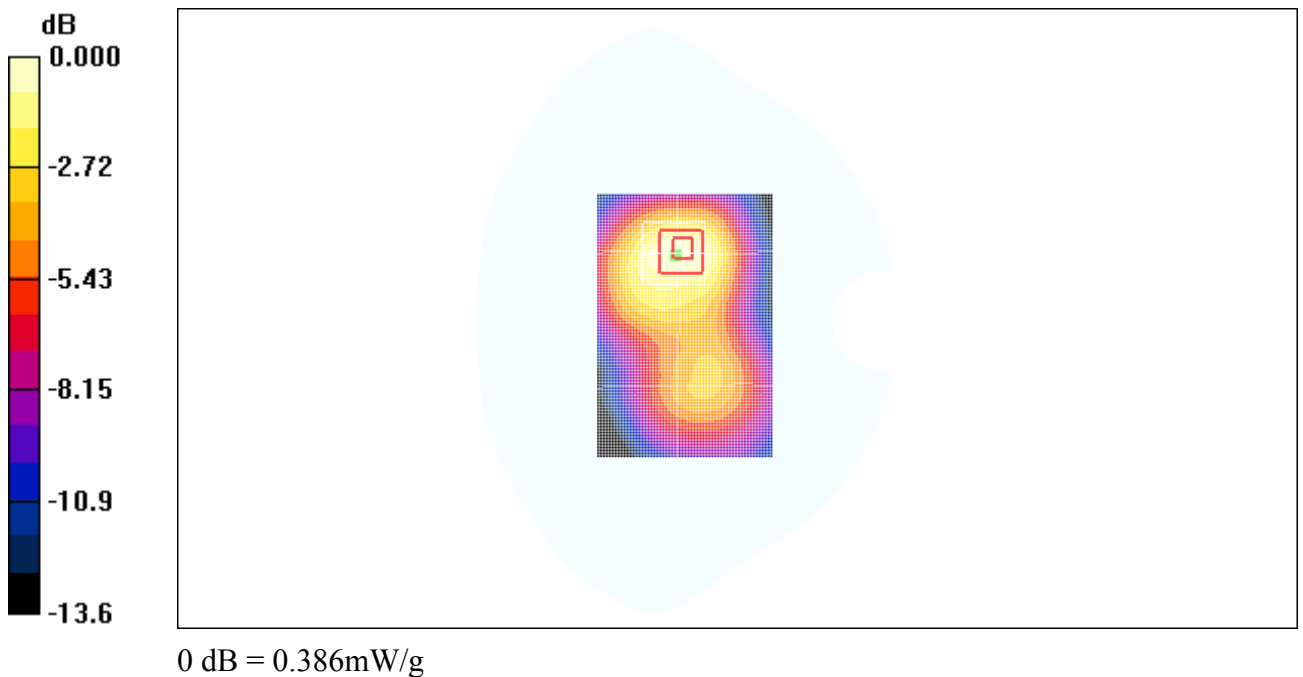


Fig. 33 1900 MHz CH661

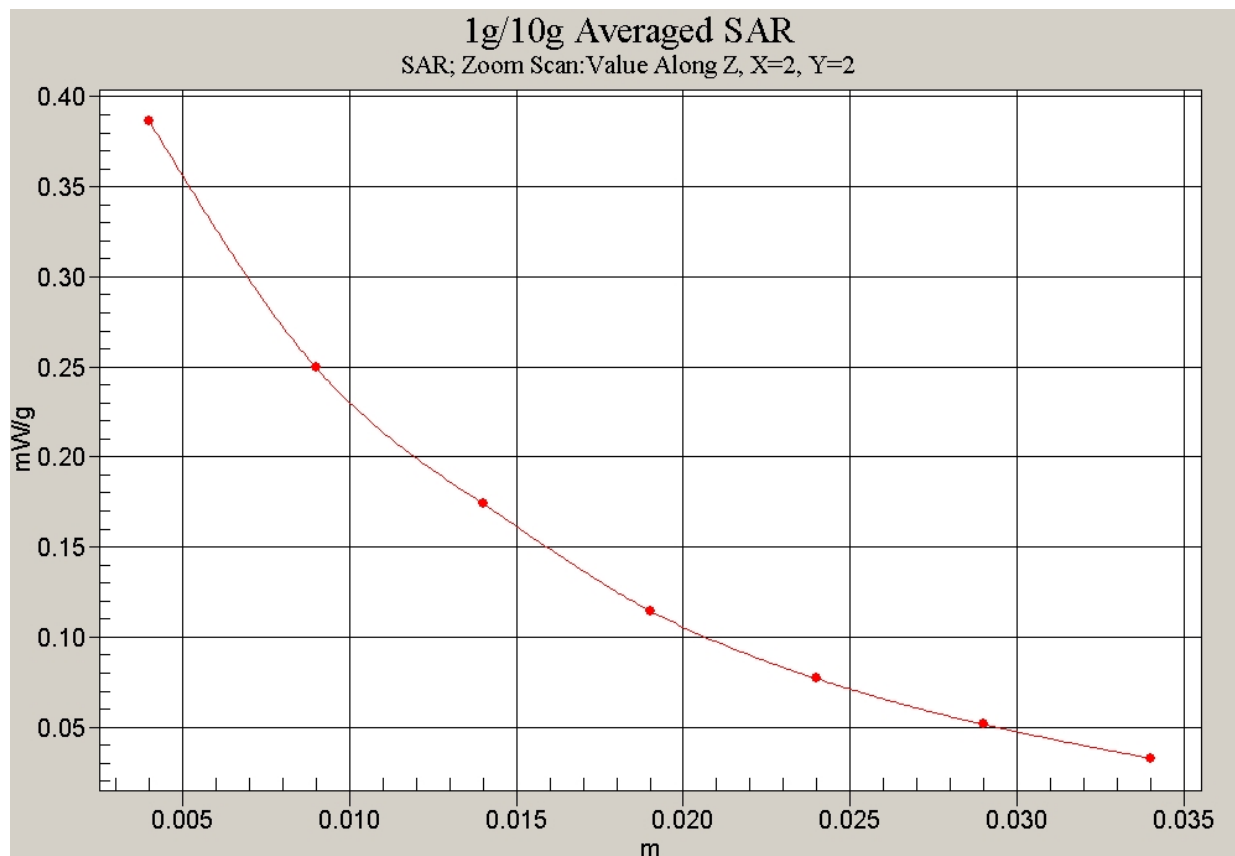


Fig. 34 Z-Scan at power reference point (1900 MHz CH661)

1900 Body Towards Ground Low

Date/Time: 2007-10-18 14:31:49

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

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

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

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

Toward Ground Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.495 mW/g

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

Reference Value = 13.0 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.461 mW/g

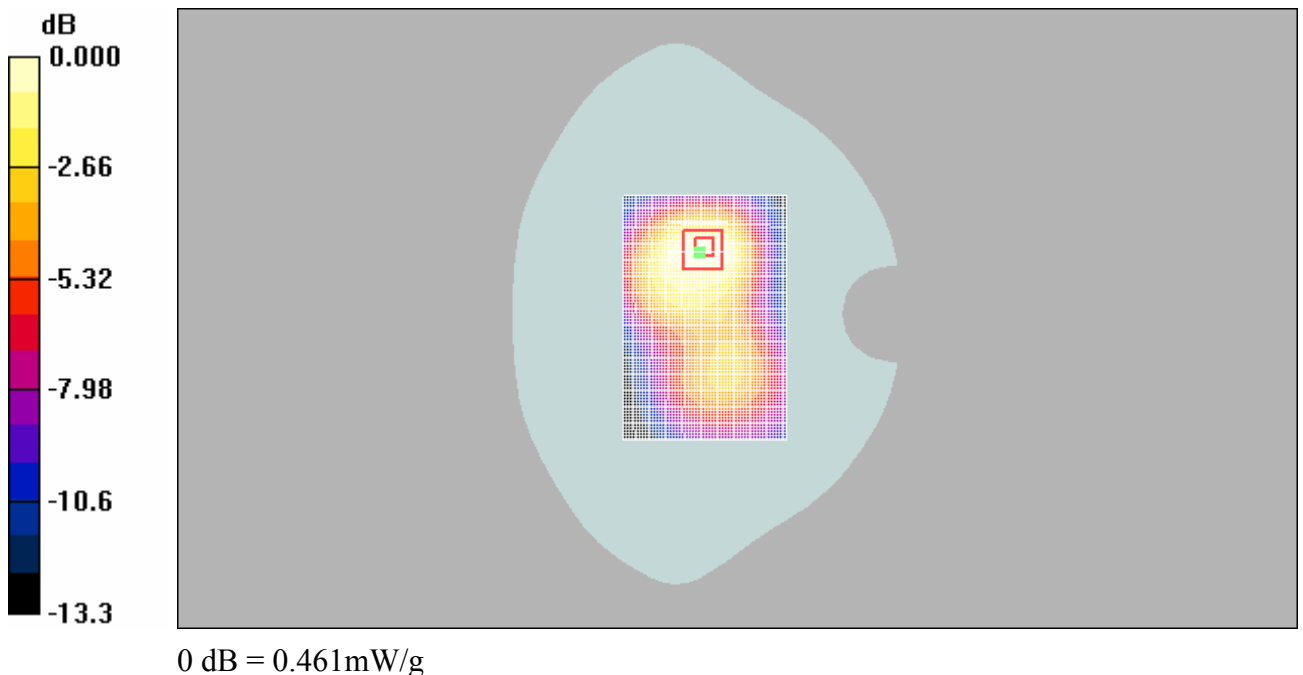


Fig. 35 1900 MHz CH512

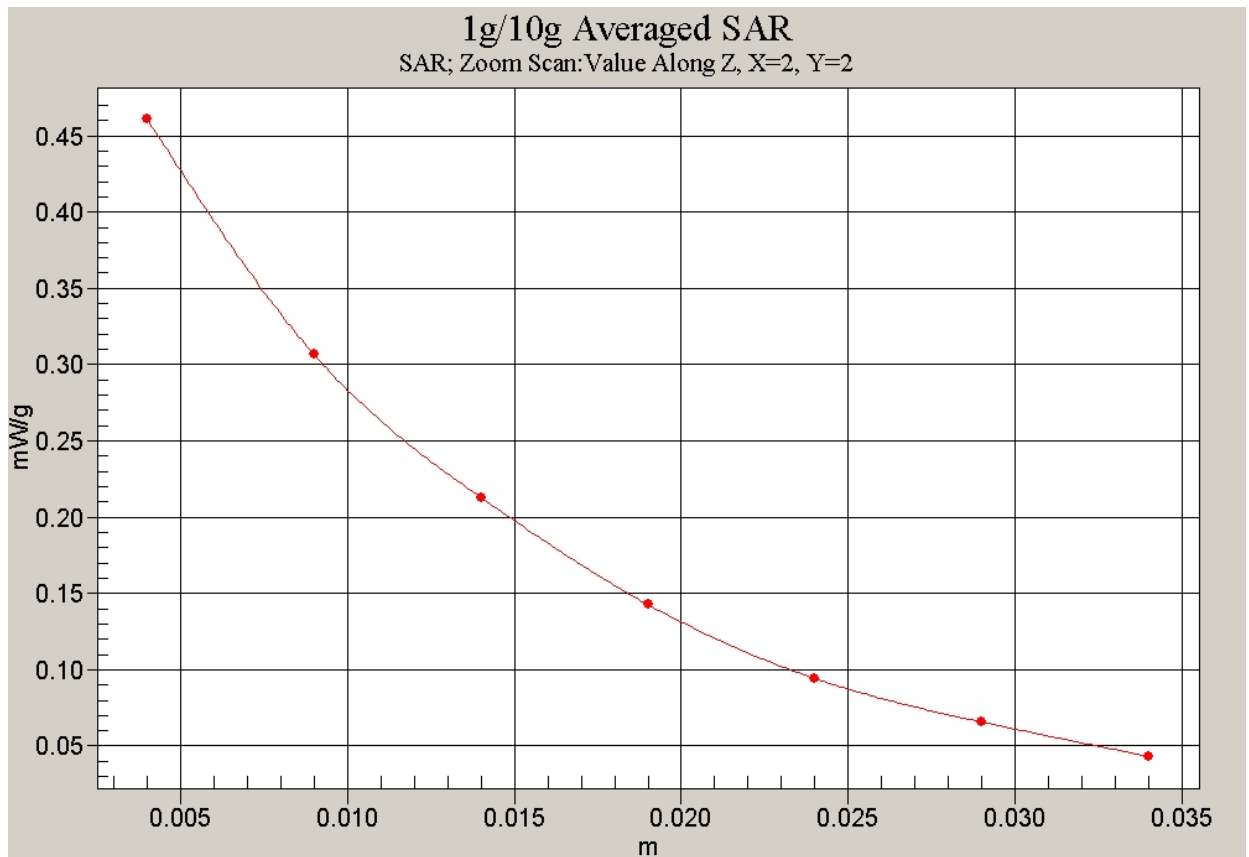


Fig. 36 Z-Scan at power reference point (1900 MHz CH512)