

### CDMA 1900 Left Cheek Middle

Date/Time: 2007-11-2 16:03:52

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 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) = 0.884 mW/g

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

Reference Value = 18.7 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.409 mW/g**

Maximum value of SAR (measured) = 0.785 mW/g

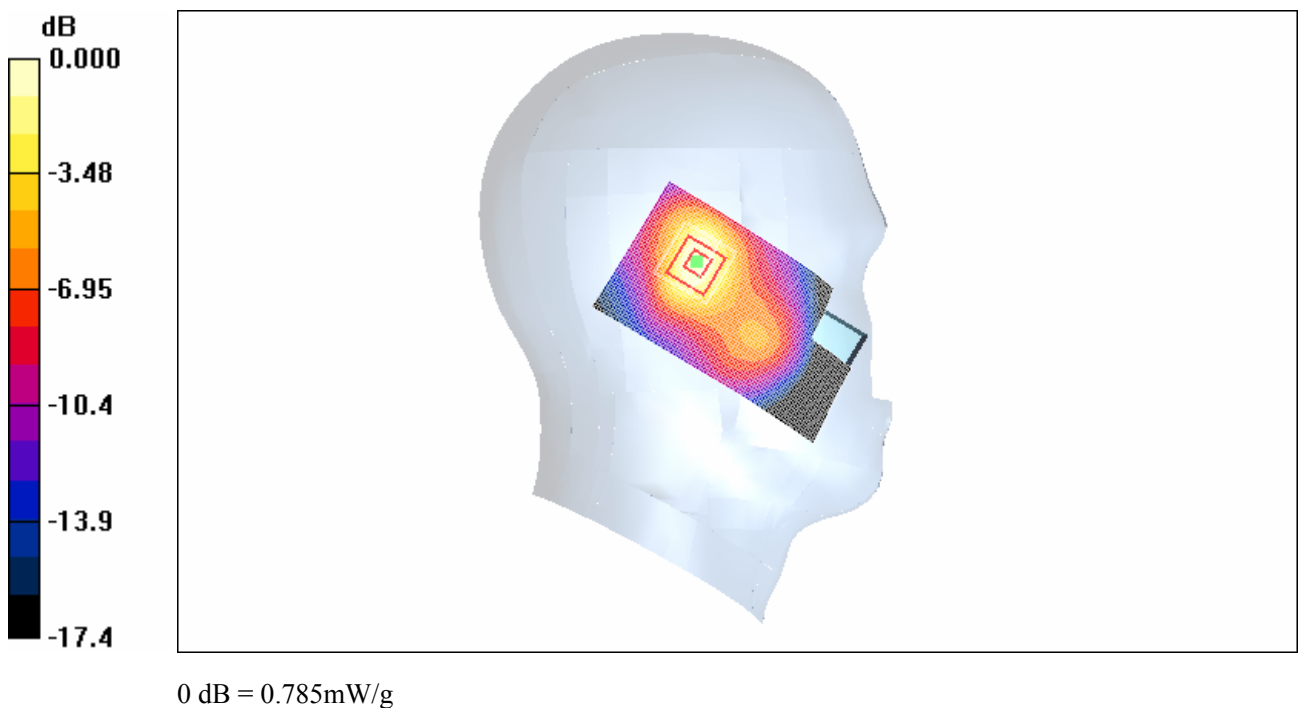
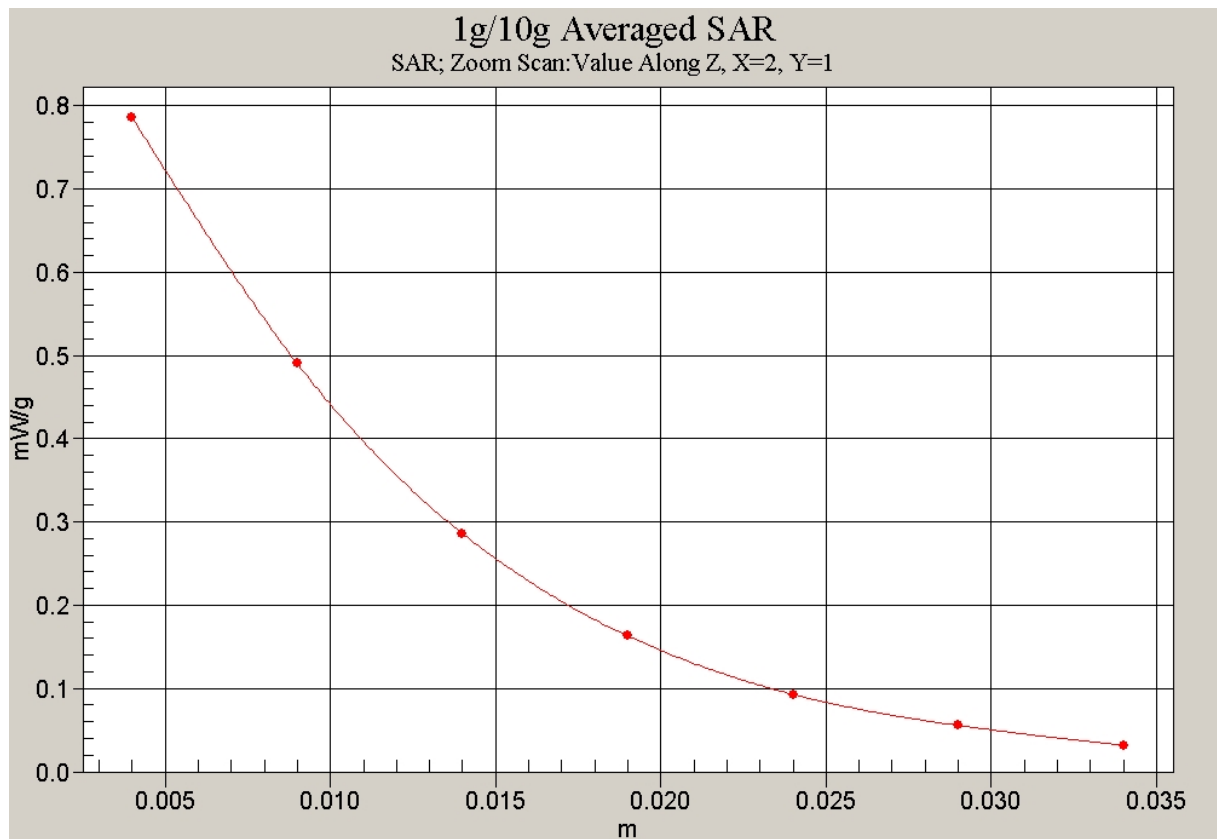


Fig. 39 CDMA 1900 MHz CH600



**Fig. 40 Z-Scan at power reference point (CDMA 1900 MHz CH600)**

### CDMA 1900 Left Cheek Low

Date/Time: 2007-11-2 16:30:28

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.33$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1

Probe: ET3DV6 - SN1738 ConvF(5.6, 5.6, 5.6)

**Cheek Low/Area Scan (51x91x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 0.670 mW/g

**Cheek Low/Zoom Scan (4x4x7)/Cube 0:** Measurement grid:  $dx=10$ mm,  $dy=10$ mm,  $dz=5$ mm

Reference Value = 17.4 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.998 W/kg

**SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.300 mW/g**

Maximum value of SAR (measured) = 0.559 mW/g

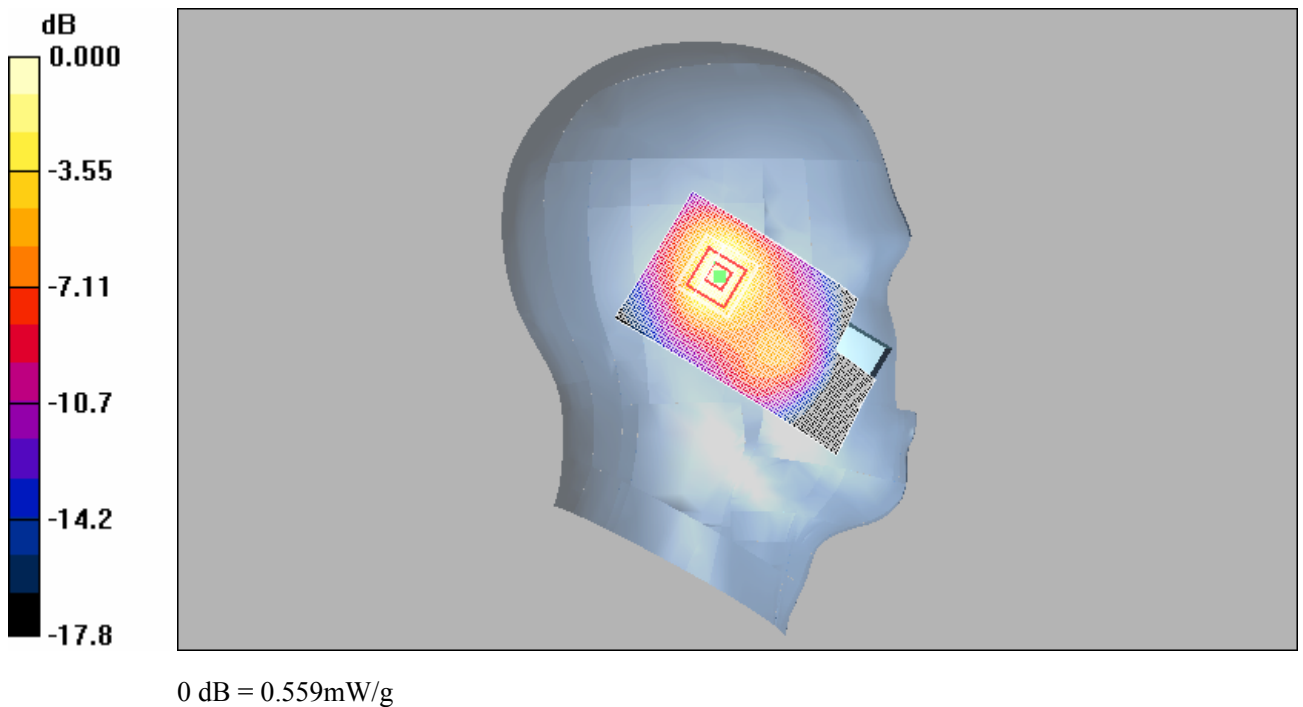
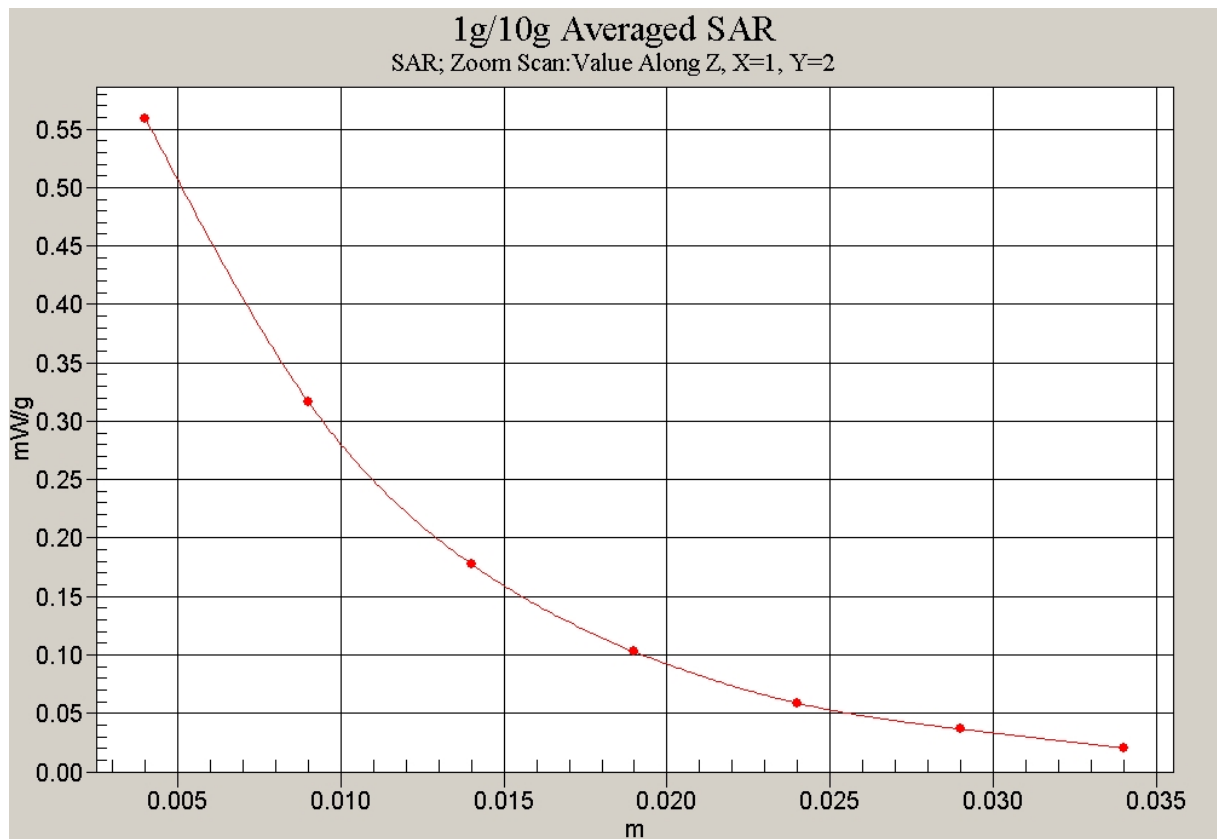


Fig. 41 CDMA 1900 MHz CH25



**Fig. 42 Z-Scan at power reference point (CDMA 1900 MHz CH25)**

### CDMA 1900 Left Tilt High

Date/Time: 2007-11-2 17:11:42

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 Frequency: 1908.75 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=105mm

Maximum value of SAR (interpolated) = 0.866 mW/g

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

Reference Value = 23.4 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.402 mW/g**

Maximum value of SAR (measured) = 0.746 mW/g

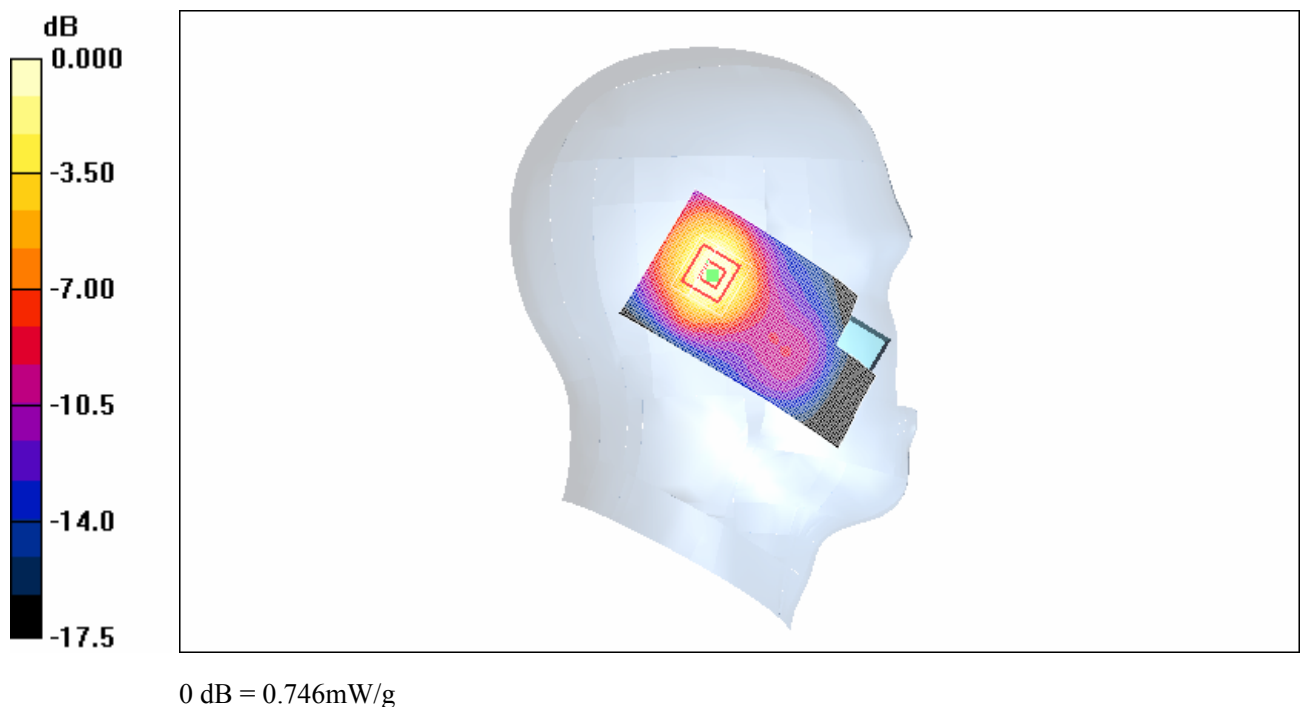
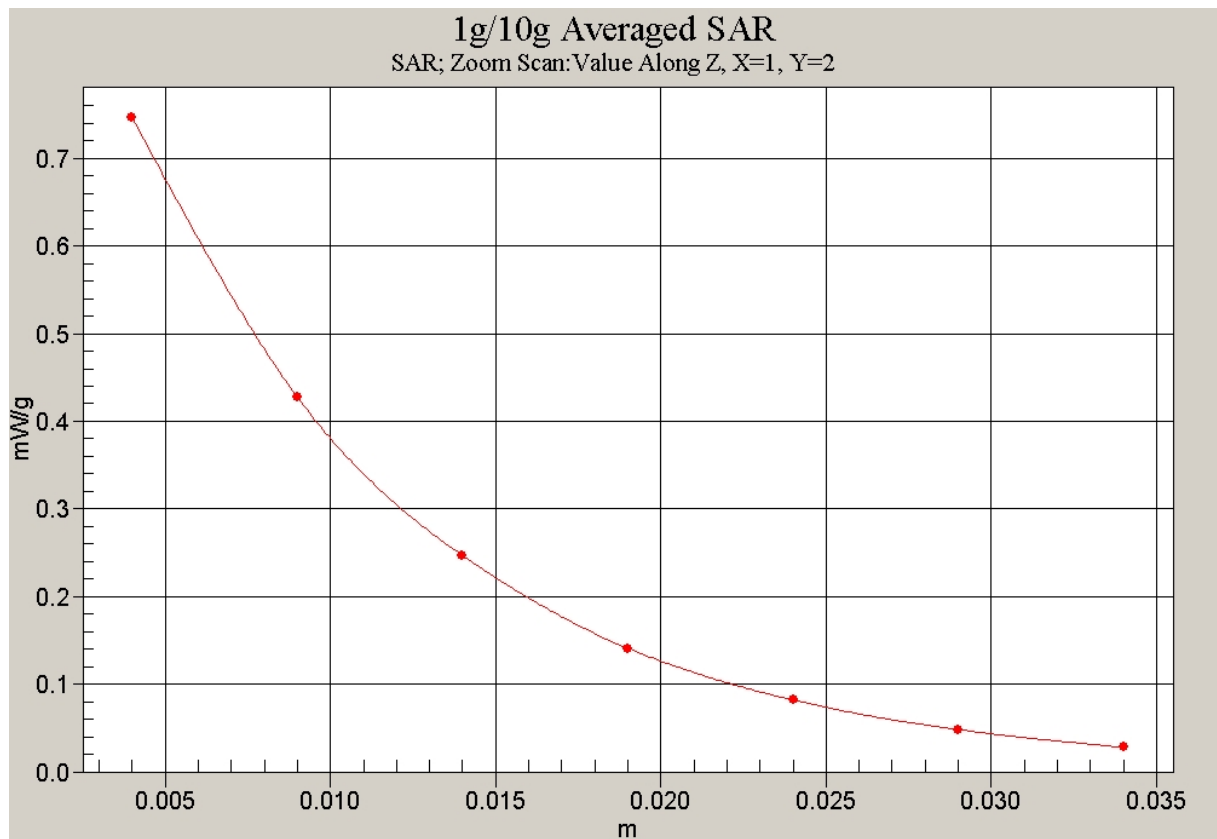


Fig.43 CDMA 1900 MHz CH1175



**Fig. 44 Z-Scan at power reference point (CDMA 1900 MHz CH1175)**

### CDMA 1900 Left Tilt Middle

Date/Time: 2007-11-2 16:14:59

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 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) = 0.764 mW/g

**Tilt Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=50mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.367 mW/g**

Maximum value of SAR (measured) = 0.715 mW/g

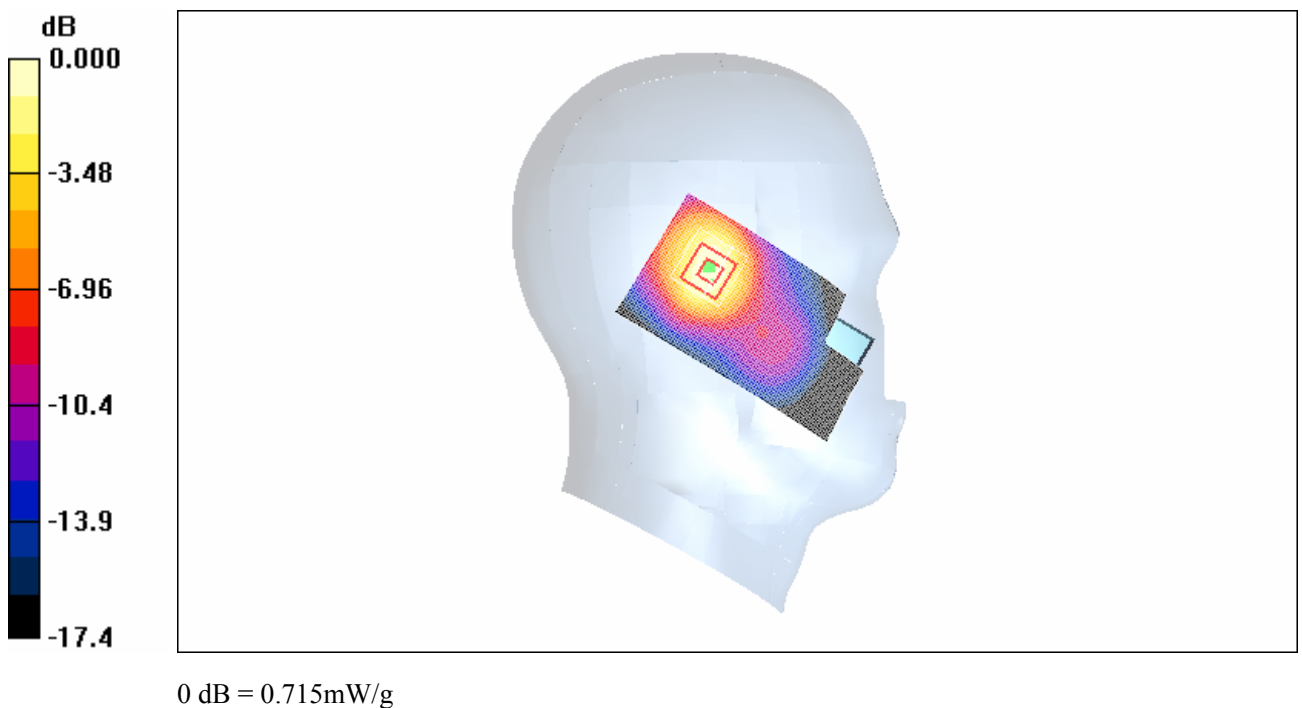
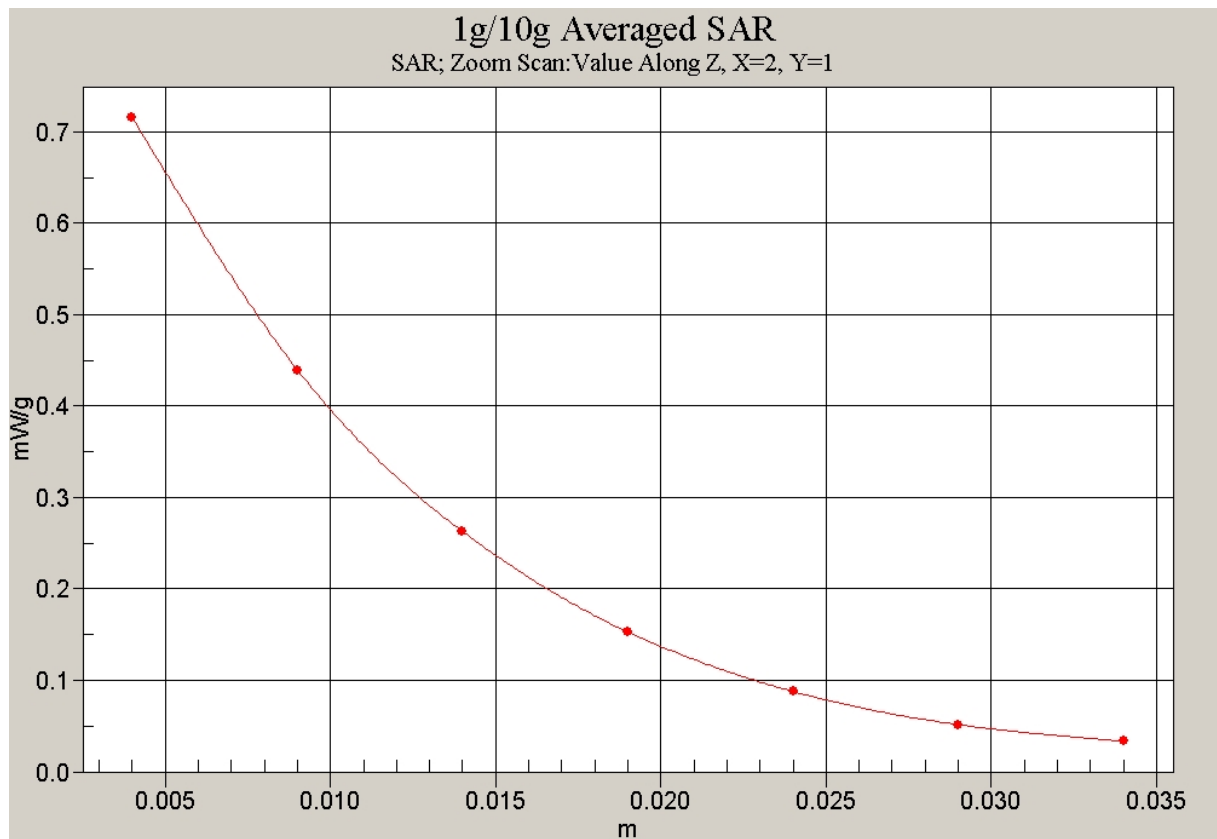


Fig.45 CDMA 1900 MHz CH600



**Fig. 46 Z-Scan at power reference point (CDMA 1900 MHz CH600)**



### CDMA 1900 Left Tilt Low

Date/Time: 2007-11-2 16:42:40

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.33$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 Frequency: 1851.25 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) = 0.523 mW/g

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

Reference Value = 17.6 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 0.767 W/kg

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.253 mW/g**

Maximum value of SAR (measured) = 0.455 mW/g

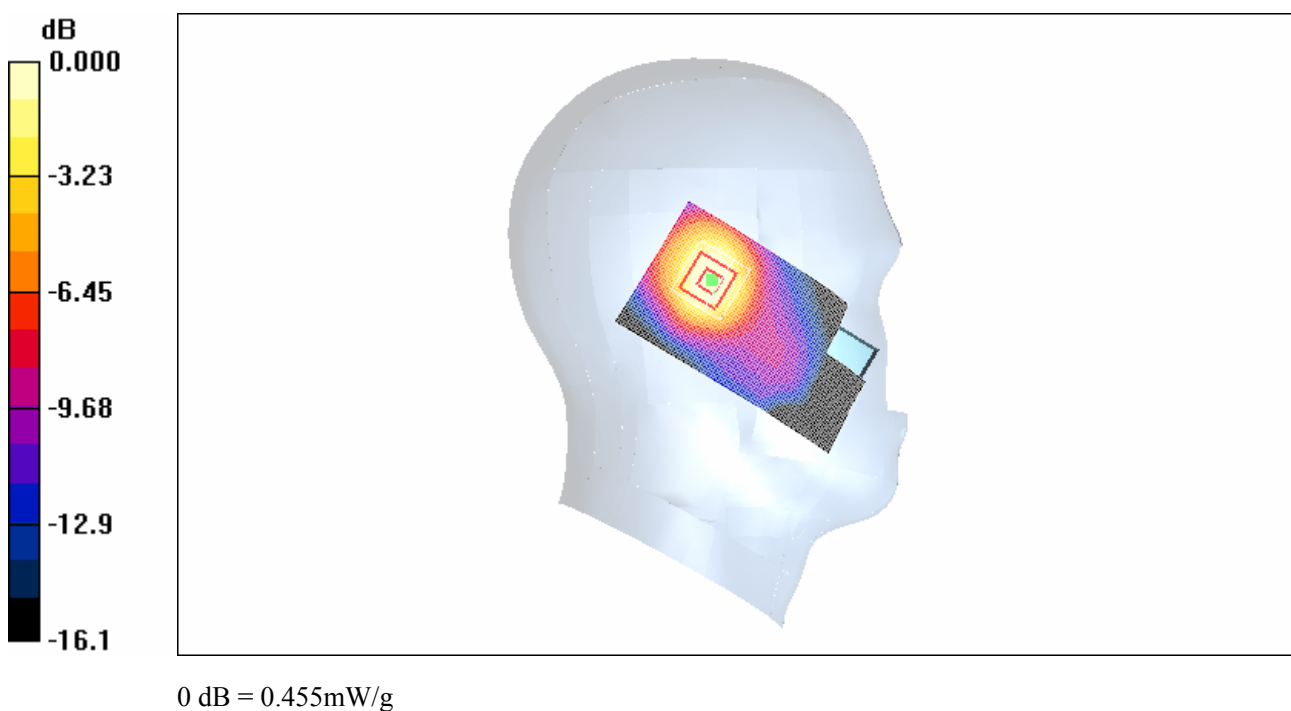
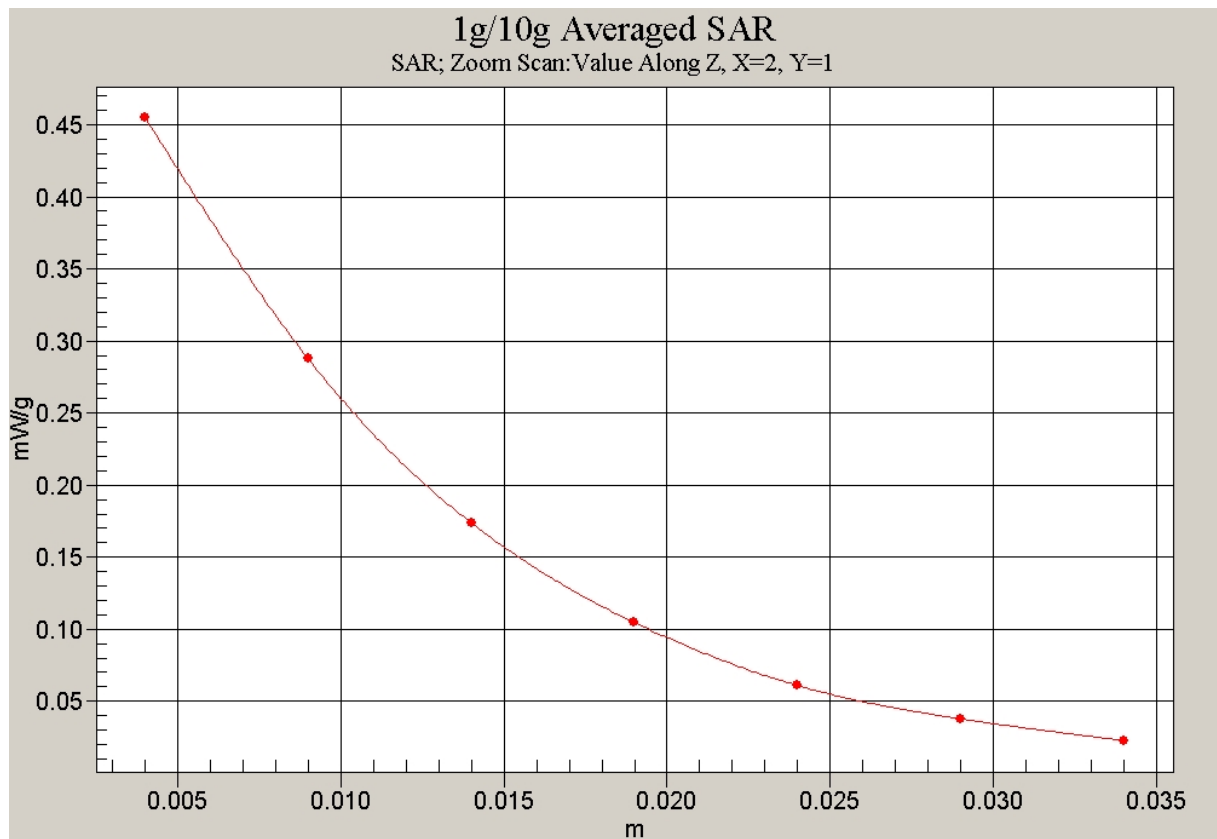


Fig. 47 CDMA 1900 MHz CH25



**Fig. 48 Z-Scan at power reference point (CDMA 1900 MHz CH25)**

### CDMA 1900 Right Cheek High

Date/Time: 2007-11-2 9:45:23

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 Frequency: 1908.75 MHz Duty Cycle: 1:1

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

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

Maximum value of SAR (interpolated) = 0.786 mW/g

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

Reference Value = 24.5 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.388 mW/g**

Maximum value of SAR (measured) = 0.737 mW/g

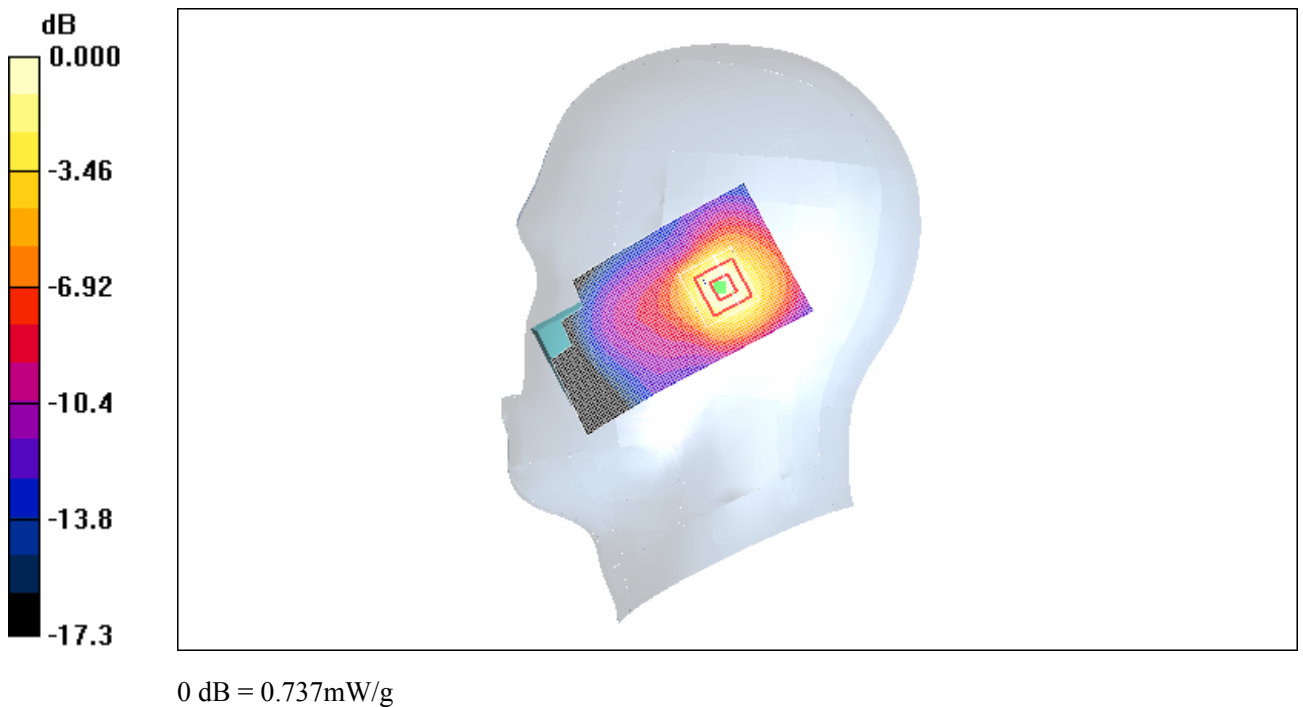
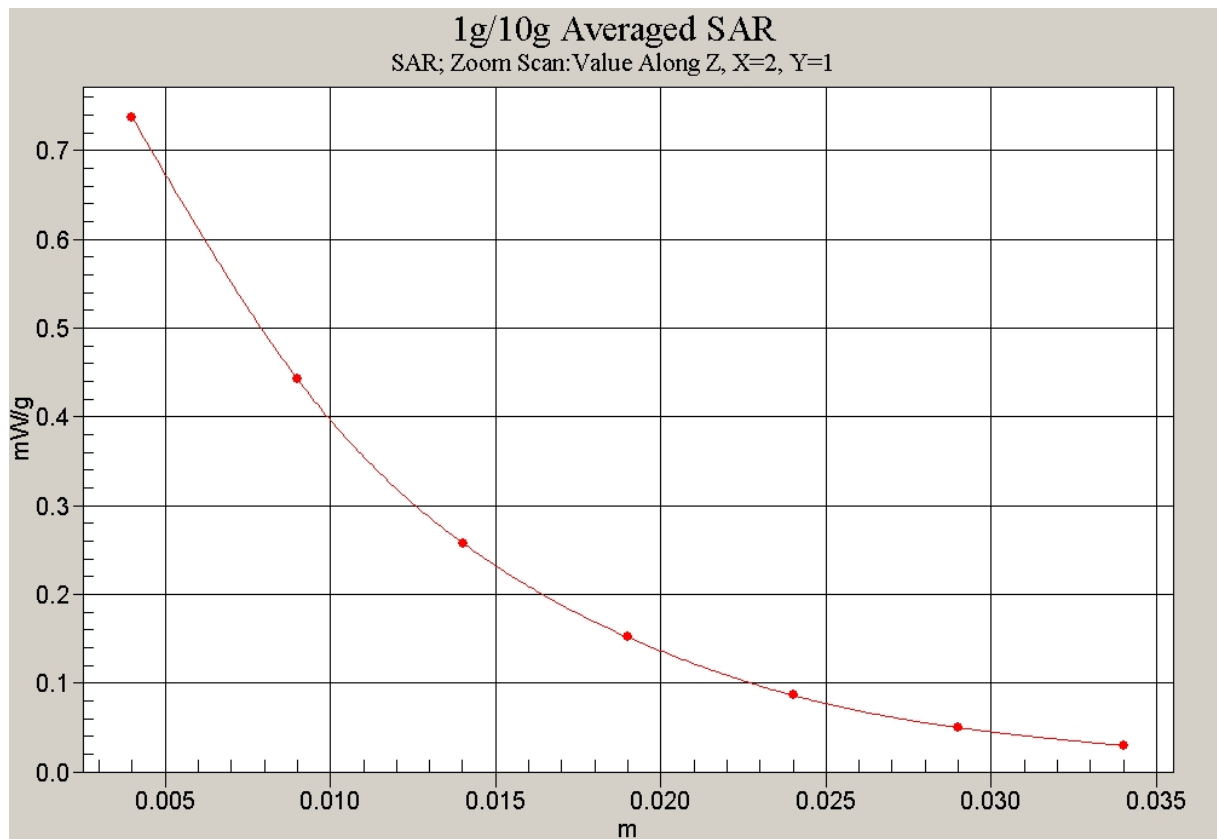


Fig.49 CDMA 1900 MHz CH1175



**Fig. 50 Z-Scan at power reference point (CDMA 1900 MHz CH1175)**

### CDMA 1900 Right Cheek Middle

Date/Time: 2007-11-2 10:27:54

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 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) = 0.755 mW/g

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

Reference Value = 20.7 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 0.744 mW/g

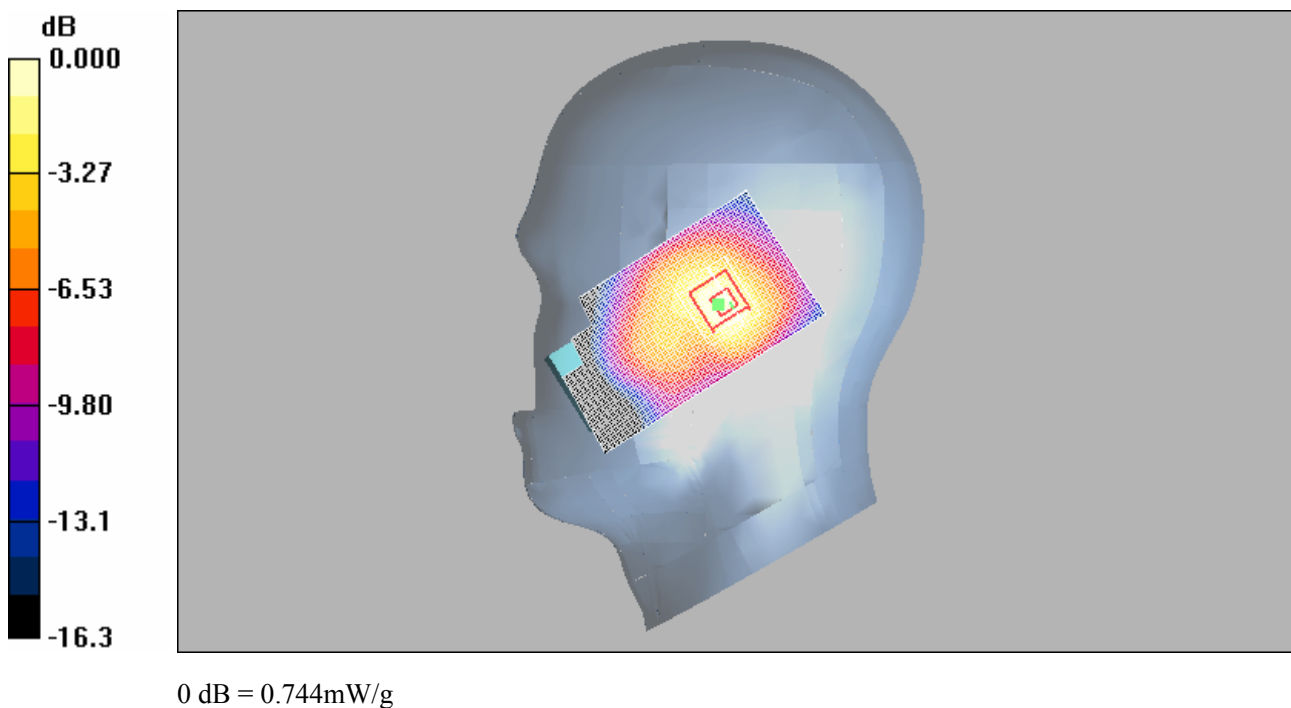
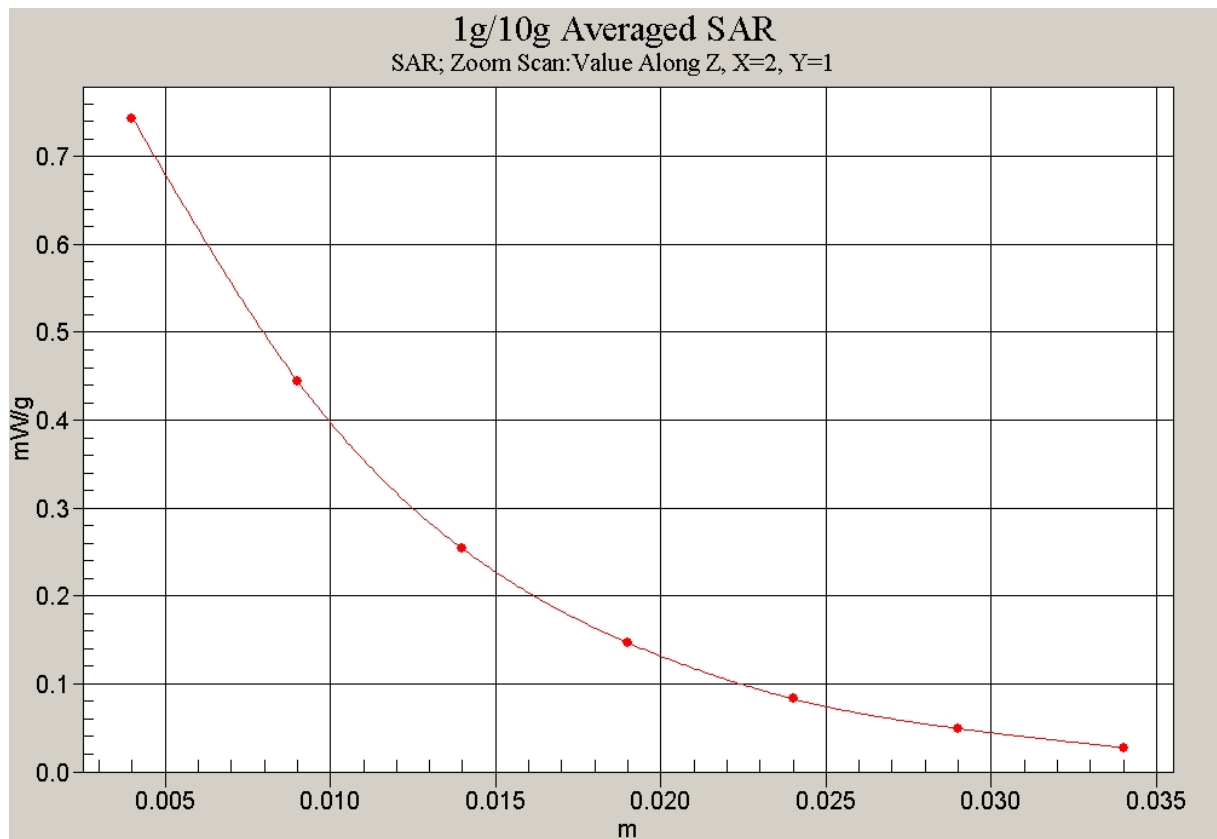


Fig. 51 CDMA 1900 MHz CH600



**Fig. 52 Z-Scan at power reference point (CDMA 1900 MHz CH600)**

### CDMA 1900 Right Cheek Low

Date/Time: 2007-11-2 10:56:37

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.33$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 Frequency: 1851.25 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) = 0.519 mW/g

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

Reference Value = 15.5 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.740 W/kg

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.260 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g

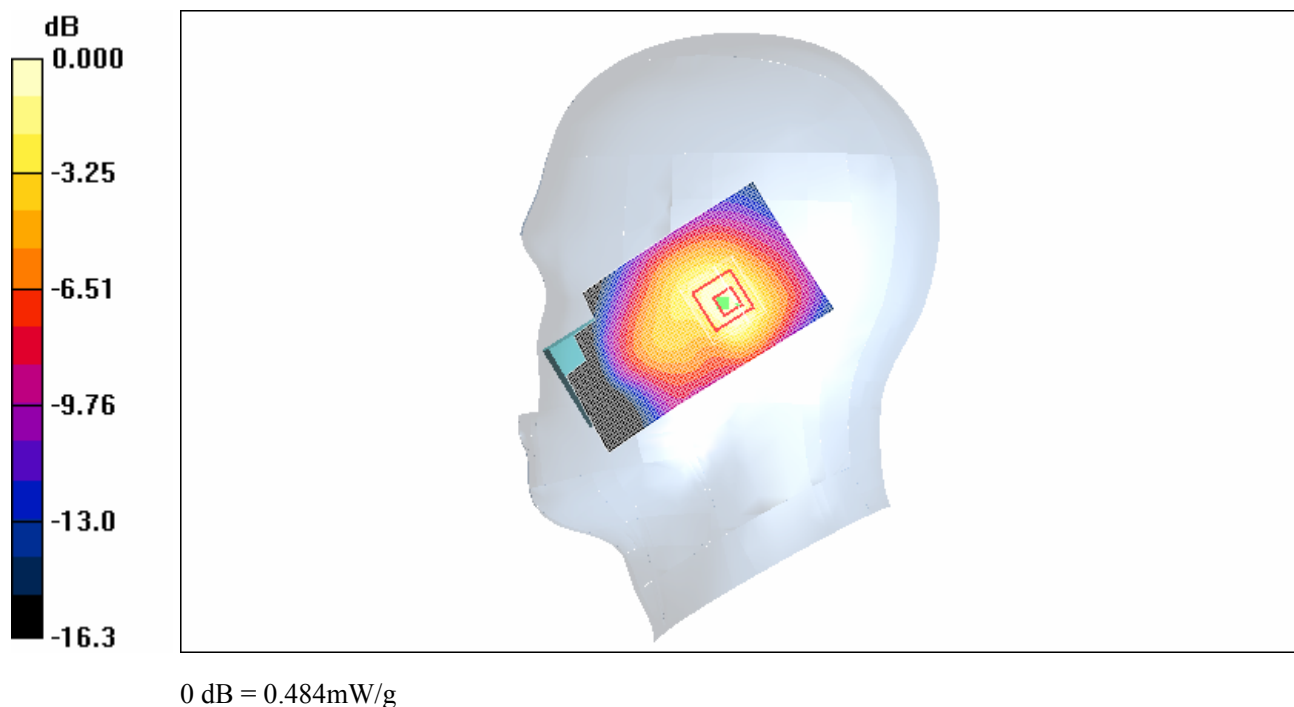
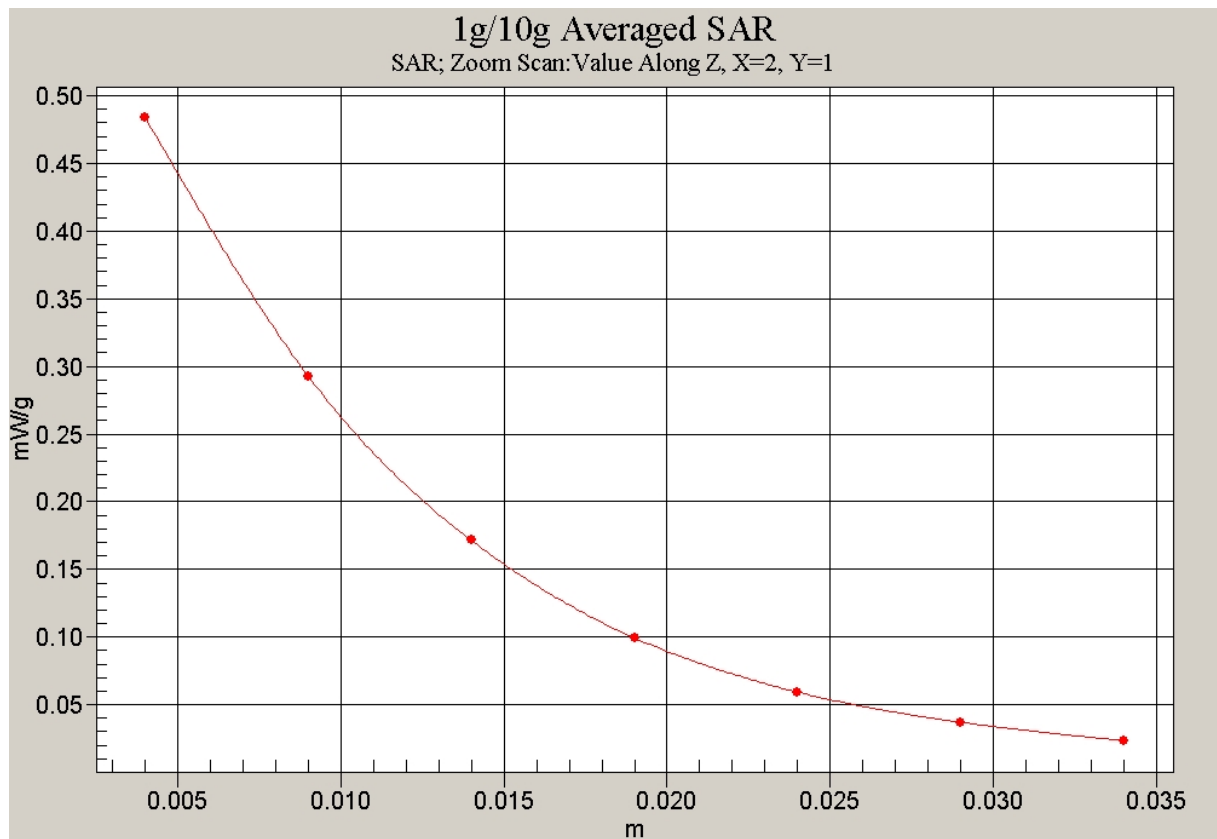


Fig. 53 CDMA 1900 MHz CH25



**Fig. 54 Z-Scan at power reference point (CDMA 1900 MHz CH25)**



### CDMA 1900 Right Tilt High

Date/Time: 2007-11-2 10:12:25

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 Frequency: 1908.75 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) = 0.731 mW/g

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

Reference Value = 22.0 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.360 mW/g**

Maximum value of SAR (measured) = 0.675 mW/g

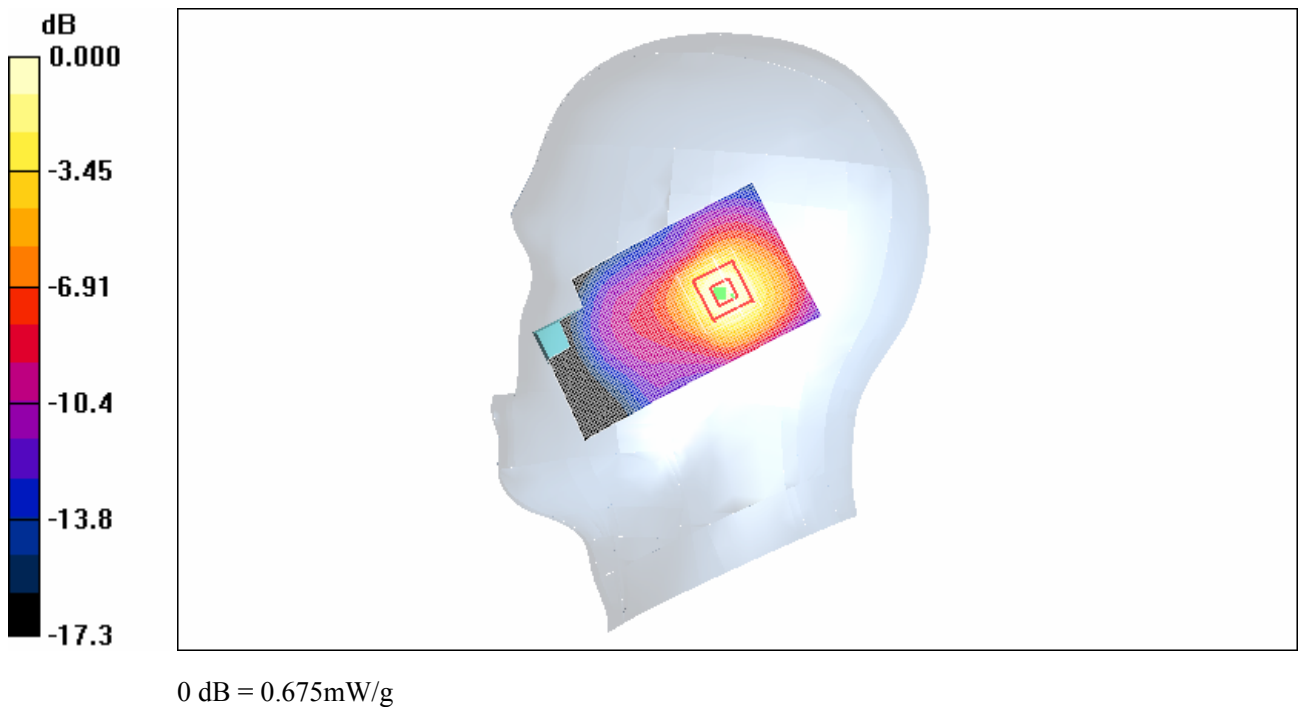
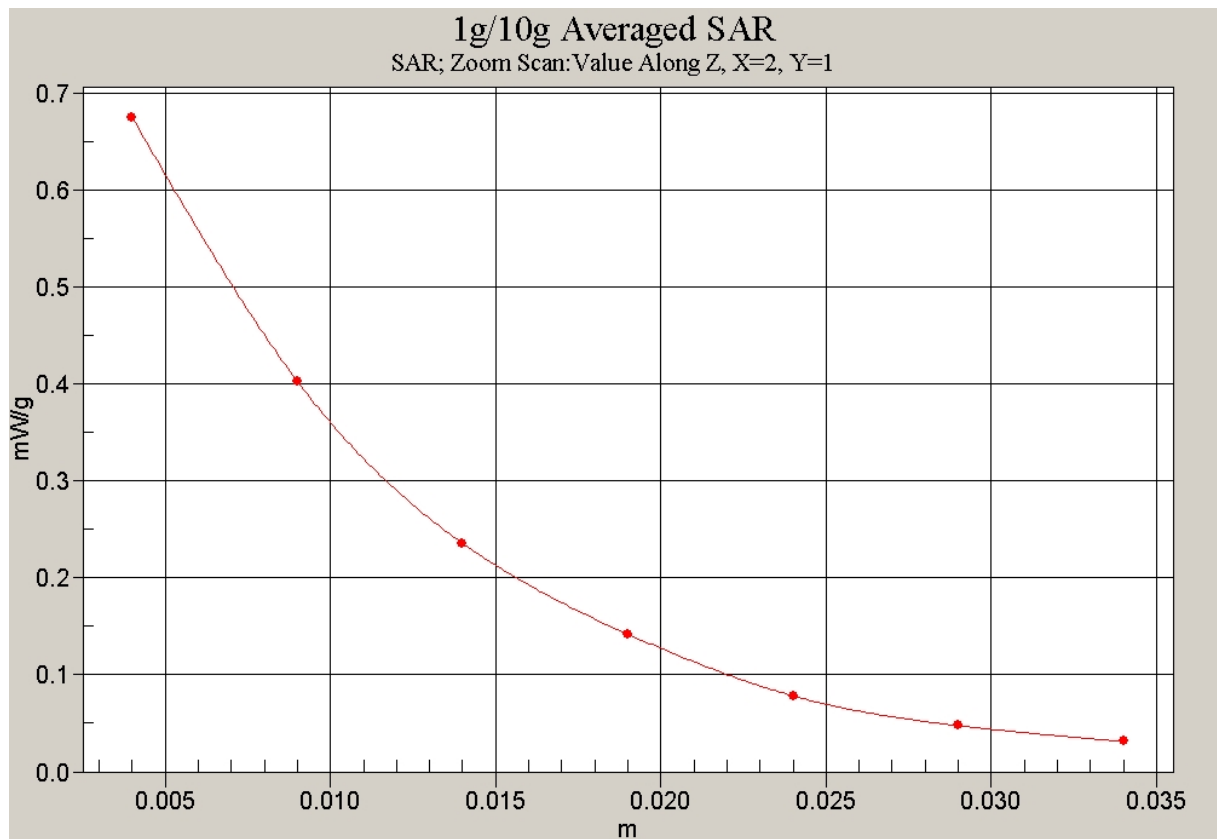


Fig. 55 CDMA 1900 MHz CH1175



**Fig. 56 Z-Scan at power reference point (CDMA 1900 MHz CH1175)**

### CDMA 1900 Right Tilt Middle

Date/Time: 2007-11-2 10:42:32

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: CDMA 1900 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) = 0.737 mW/g

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

Reference Value = 23.0 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.371 mW/g**

Maximum value of SAR (measured) = 0.687 mW/g

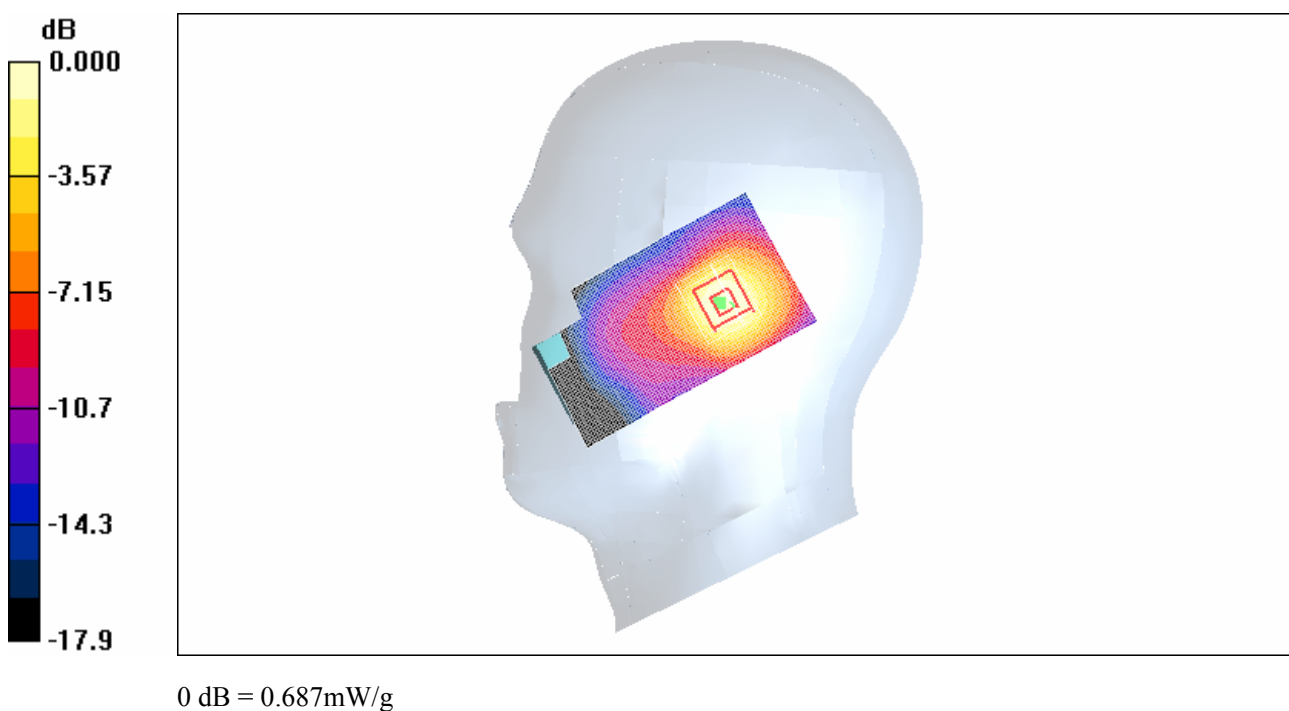
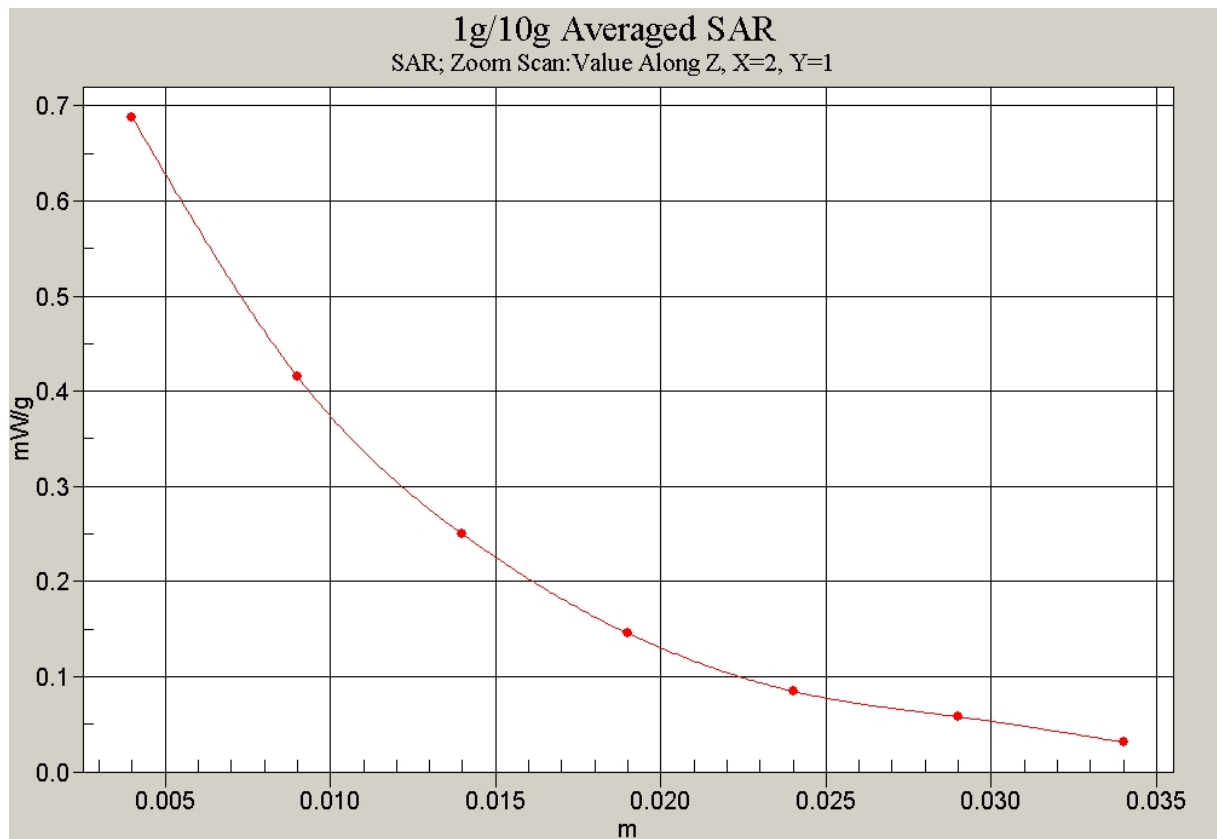


Fig.57 CDMA 1900 MHz CH600



**Fig. 58 Z-Scan at power reference point (CDMA 1900 MHz CH600)**