

**LTE2500-FDD7\_CH21100 Left Edge 15mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.116$  mho/m;  $\epsilon_r = 53.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-FDD7 2535 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.49,7.49,7.49)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.619 W/kg

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

Reference Value = 14.75 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.806 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.619 W/kg

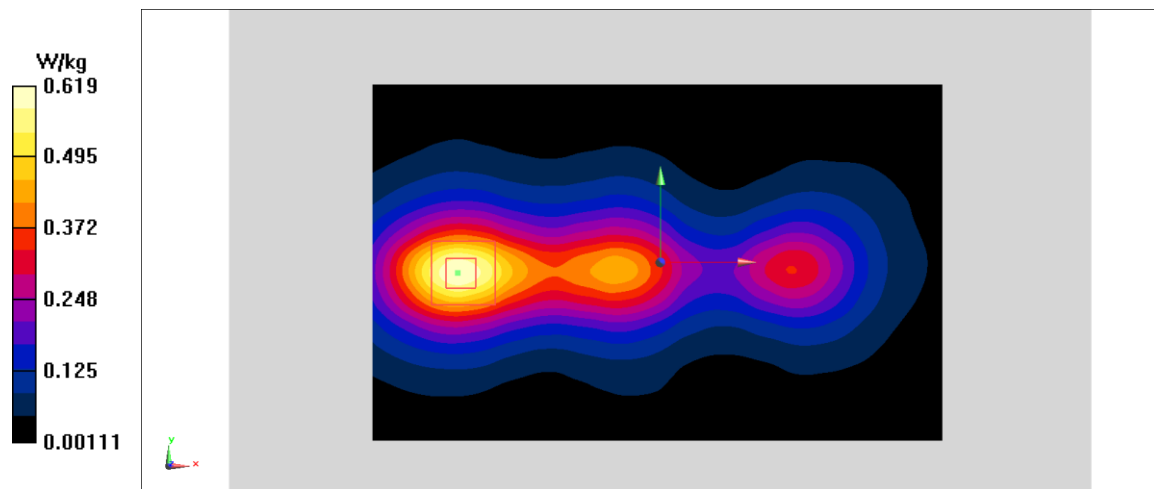


Fig A.28

**LTE2500-FDD7\_CH20850 Left Edge 10mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.092$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-FDD7 2510 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.49,7.49,7.49)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

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

Reference Value = 15.9 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.789 W/kg

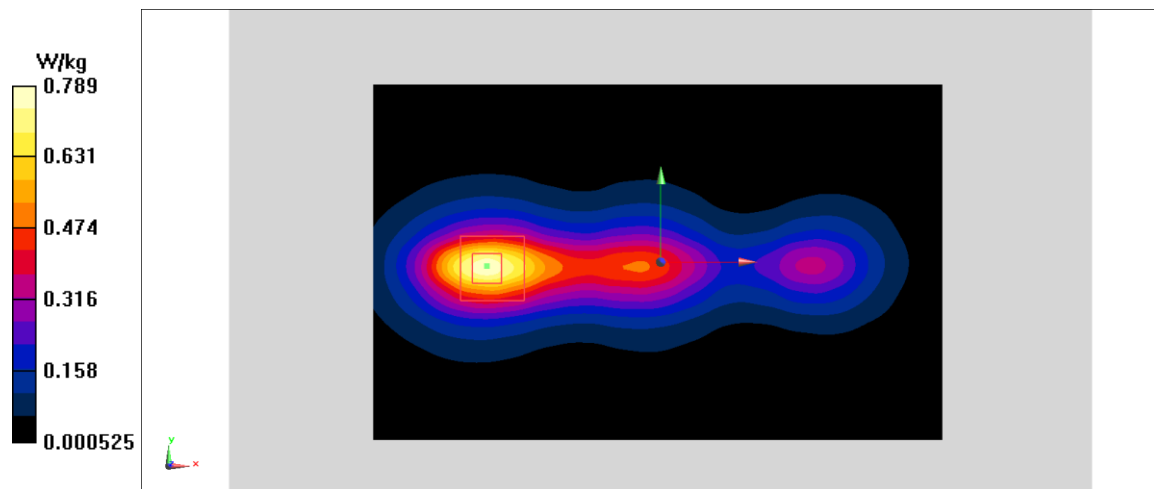


Fig A.29

**LTE700-FDD12\_CH23060 Right Check**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 704 \text{ MHz}$ ;  $\sigma = 0.919 \text{ mho/m}$ ;  $\epsilon_r = 56.39$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature:  $22.5^\circ\text{C}$ , Liquid Temperature:  $22.3^\circ\text{C}$ 

Communication System: LTE700-FDD12 704 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

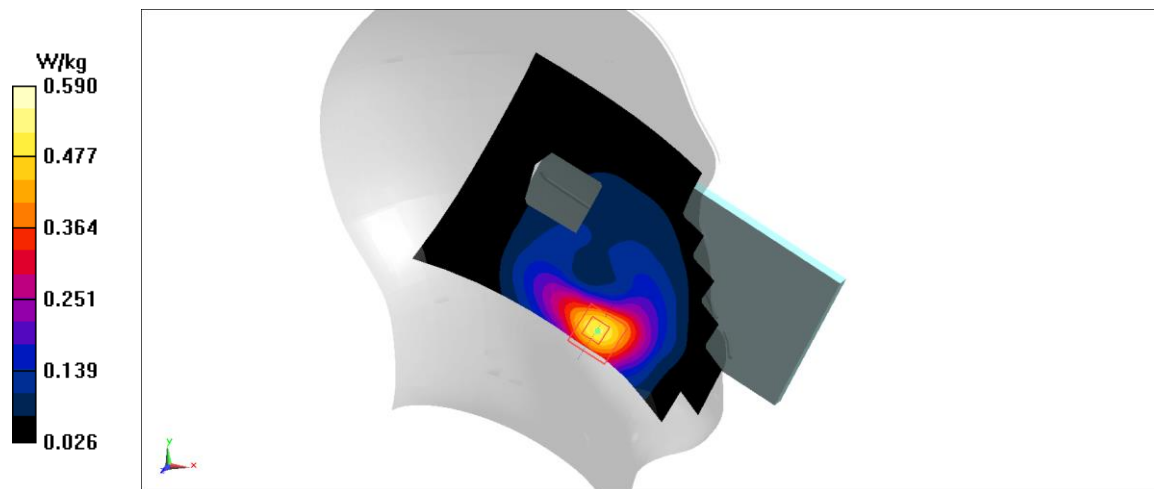
**Area Scan (71x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$ Maximum value of SAR (interpolated) =  $0.52 \text{ W/kg}$ **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $8.076 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$ Peak SAR (extrapolated) =  $0.746 \text{ W/kg}$ **SAR(1 g) =  $0.265 \text{ W/kg}$ ; SAR(10 g) =  $0.15039933993 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.59 \text{ W/kg}$ 

Fig A.30

**LTE700-FDD12\_CH23095 Left Edge 15mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 56.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD12 707.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.611 W/kg

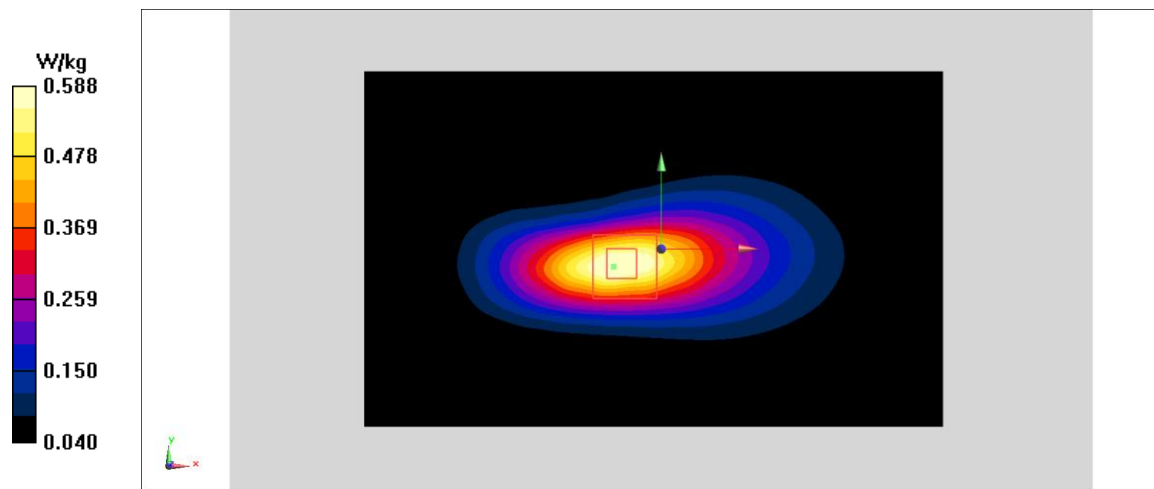
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.86 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.704 W/kg

**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.288 W/kg**

Maximum value of SAR (measured) = 0.588 W/kg

**Fig A.31**

**LTE700-FDD12\_CH23095 Left Edge 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 56.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD12 707.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.554 W/kg

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

Reference Value = 21.48 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.678 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.551 W/kg

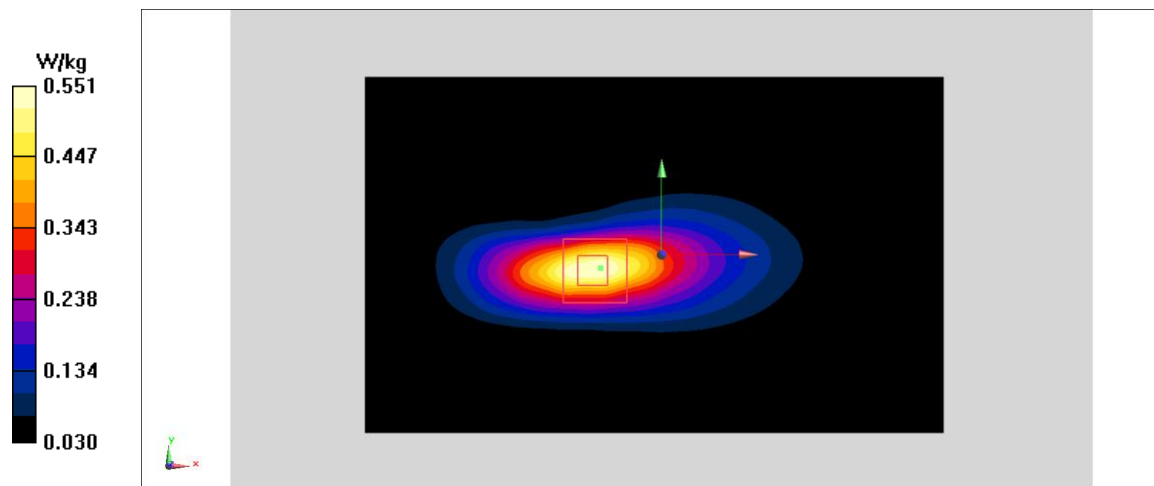


Fig A.32

**LTE750-FDD13\_CH23230 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 41.67$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature:  $22.5^\circ\text{C}$ , Liquid Temperature:  $22.3^\circ\text{C}$ 

Communication System: LTE750-FDD13 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

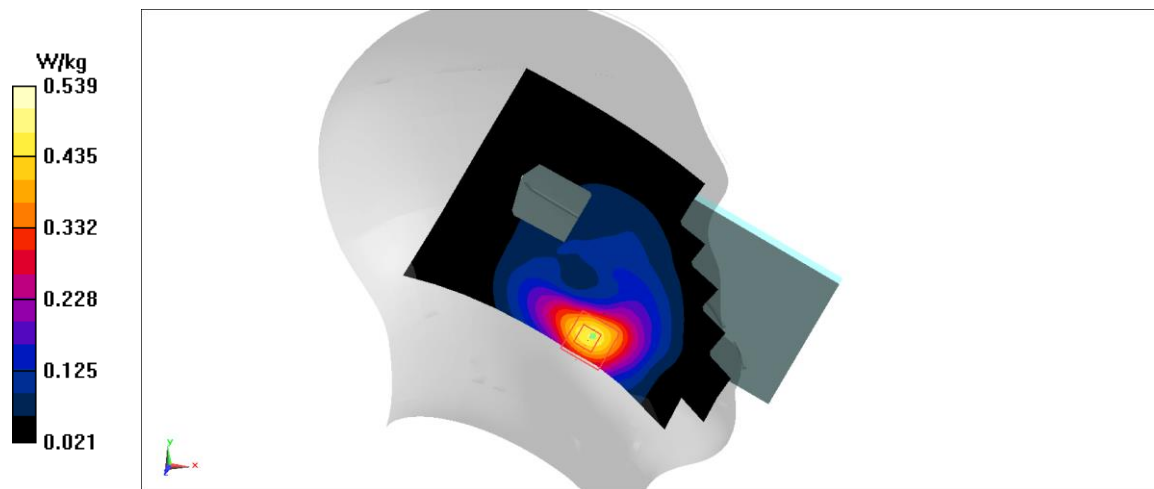
**Area Scan (71x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$ Maximum value of SAR (interpolated) =  $0.473 \text{ W/kg}$ **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $6.41 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$ Peak SAR (extrapolated) =  $0.662 \text{ W/kg}$ **SAR(1 g) =  $0.368 \text{ W/kg}$ ; SAR(10 g) =  $0.21 \text{ W/kg}$** Maximum value of SAR (measured) =  $0.539 \text{ W/kg}$ 

Fig A.33

**LTE750-FDD13\_CH23230 Left Edge 15mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE750-FDD13 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.657 W/kg

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

Reference Value = 17.94 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.768 W/kg

**SAR(1 g) = 0.51 W/kg; SAR(10 g) = 0.327 W/kg**

Maximum value of SAR (measured) = 0.651 W/kg

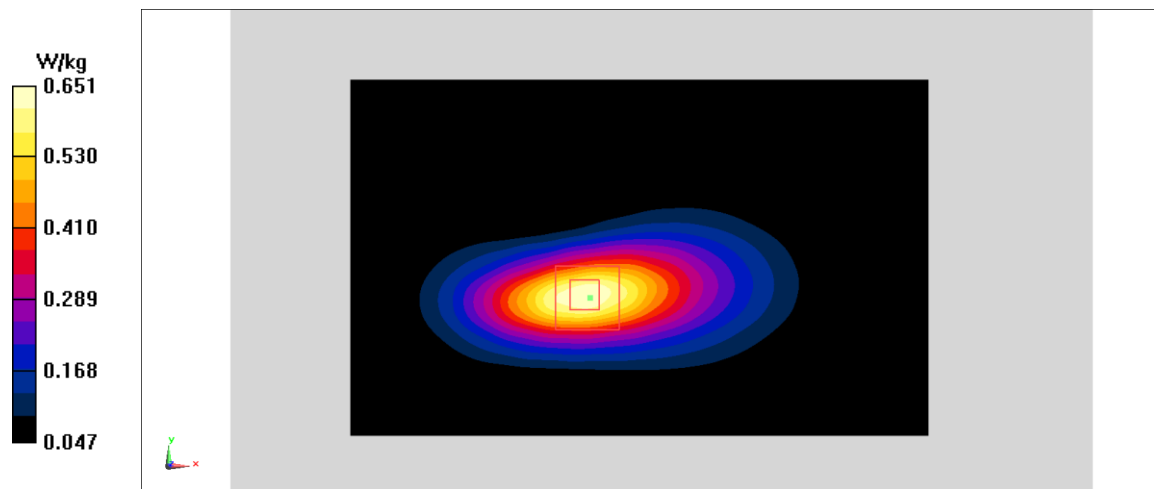


Fig A.34

**LTE700-FDD14\_CH23330 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 41.66$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD14 793 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.521 W/kg

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

Reference Value = 6.263 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.728 W/kg

**SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.333 W/kg**

Maximum value of SAR (measured) = 0.593 W/kg

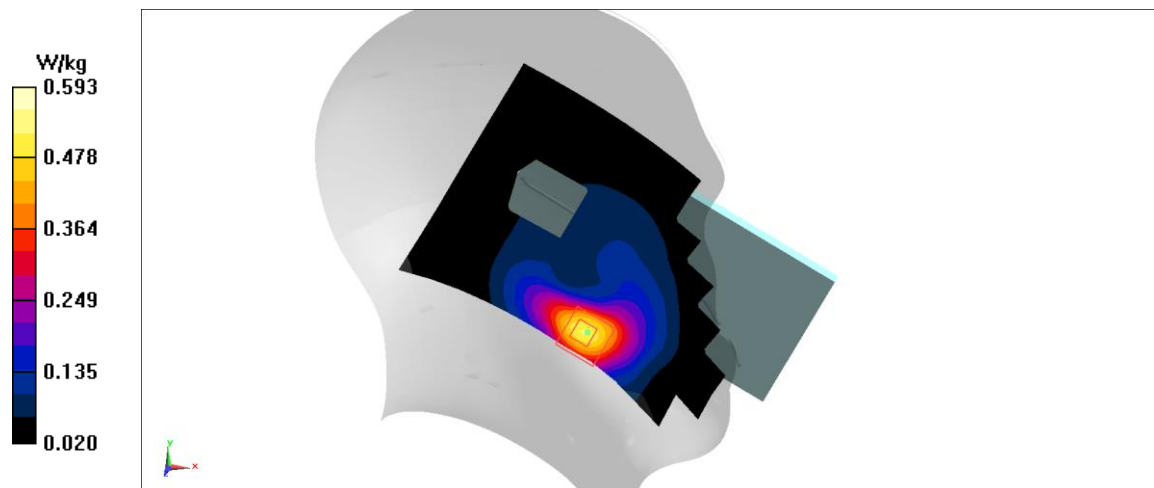


Fig A.35



**LTE700-FDD14\_CH23330 Left Edge 15mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 793$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD14 793 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.669 W/kg

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

Reference Value = 17.05 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.777 W/kg

**SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.333 W/kg**

Maximum value of SAR (measured) = 0.659 W/kg

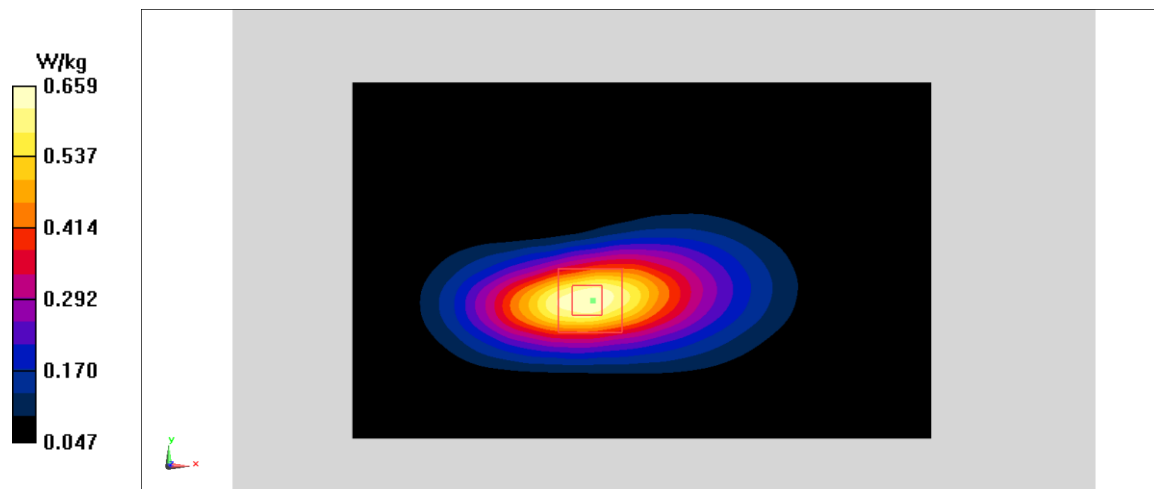


Fig A.36

**LTE700-FDD14\_CH23330 Left Edge 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 793$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD14 793 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.739 W/kg

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

Reference Value = 15.33 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.881 W/kg

**SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 0.716 W/kg

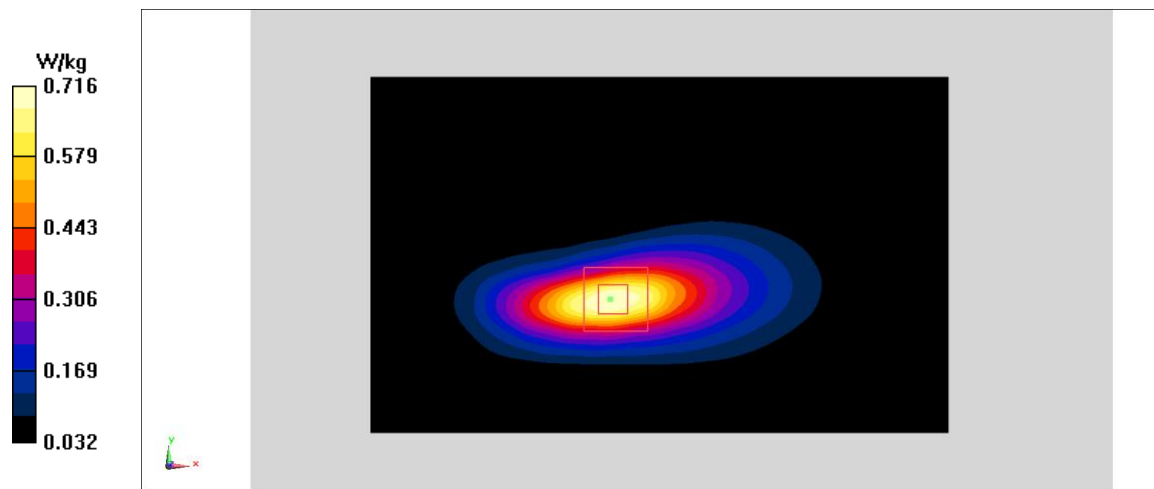


Fig A.37

**LTE1900-FDD25\_CH26590 Right Check**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 1905$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 56.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1900-FDD25 1905 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.902 W/kg

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

Reference Value = 13.21 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.55 W/kg; SAR(10 g) = 0.29 W/kg**

Maximum value of SAR (measured) = 0.919 W/kg

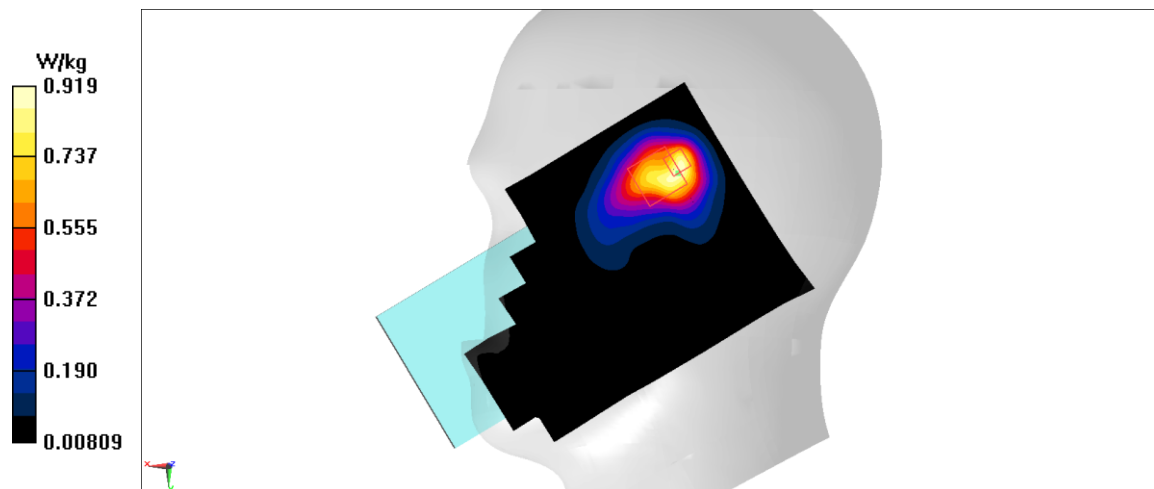


Fig A.38

**LTE1900-FDD25\_CH26590 Top 15mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 1905$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 56.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1900-FDD25 1905 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.519 W/kg

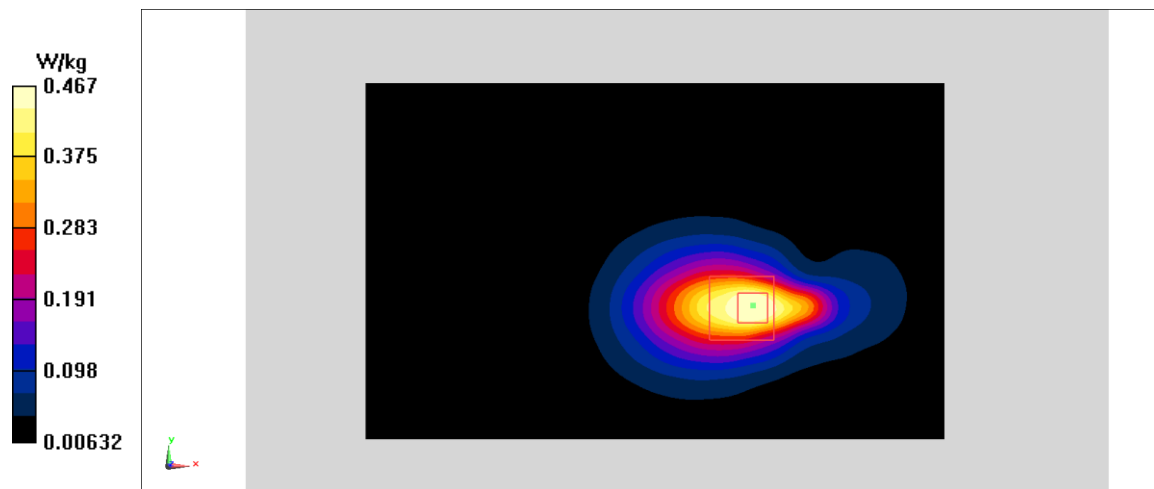
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.685 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.599 W/kg

**SAR(1 g) = 0.35 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 0.467 W/kg

**Fig A.39**

**LTE850-FDD26\_CH26965 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 56.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE850-FDD26 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.304 W/kg

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

Reference Value = 7.254 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.436 W/kg

**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 0.307 W/kg

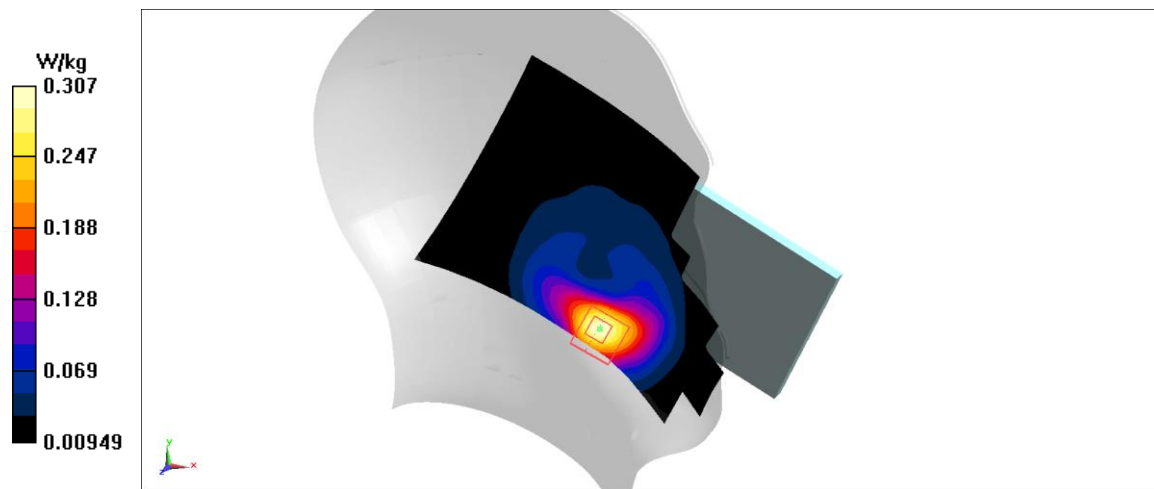


Fig A.40

**LTE850-FDD26\_CH26965 Left Edge 15mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 56.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE850-FDD26 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.663 W/kg

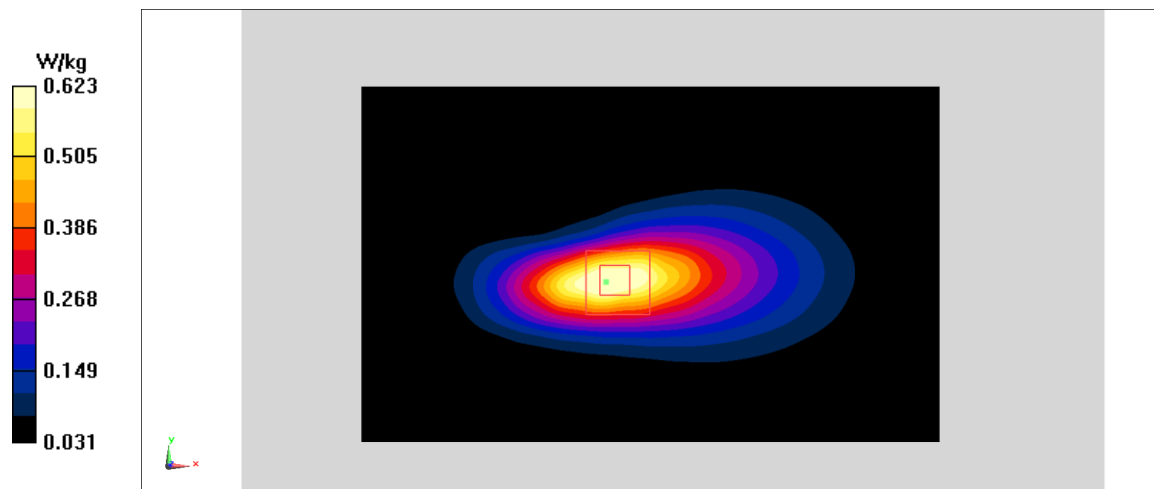
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.06 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.752 W/kg

**SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 0.623 W/kg

**Fig A.41**

**LTE850-FDD26\_CH26965 Left Edge 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 56.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE850-FDD26 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.449 W/kg

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

Reference Value = 15.27 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.532 W/kg

**SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.426 W/kg

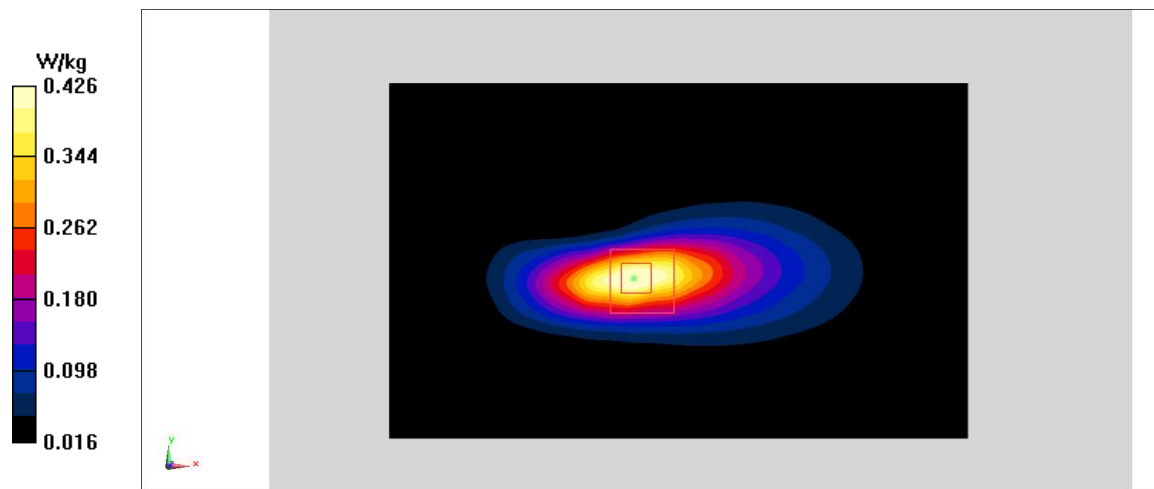


Fig A.42

**LTE2500-TDD41\_CH39750 Right Tilt**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: head 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.854$  mho/m;  $\epsilon_r = 38.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(6.92,6.92,6.92)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.34 W/kg

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

Reference Value = 10.34 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.8 W/kg

**SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.276 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg

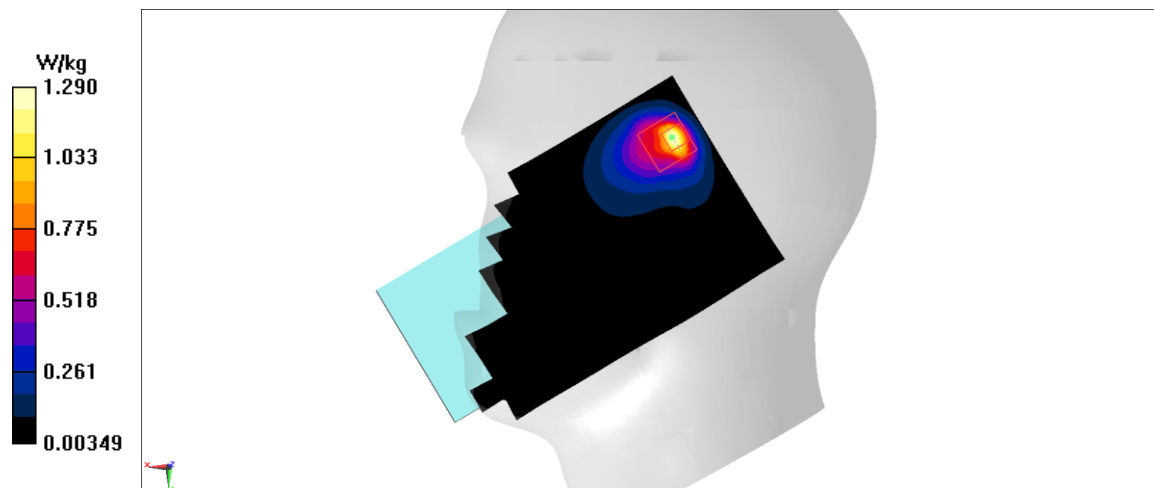


Fig A.46



**LTE2500-TDD41\_CH39750 Left Edge 15mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.089$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.443 W/kg

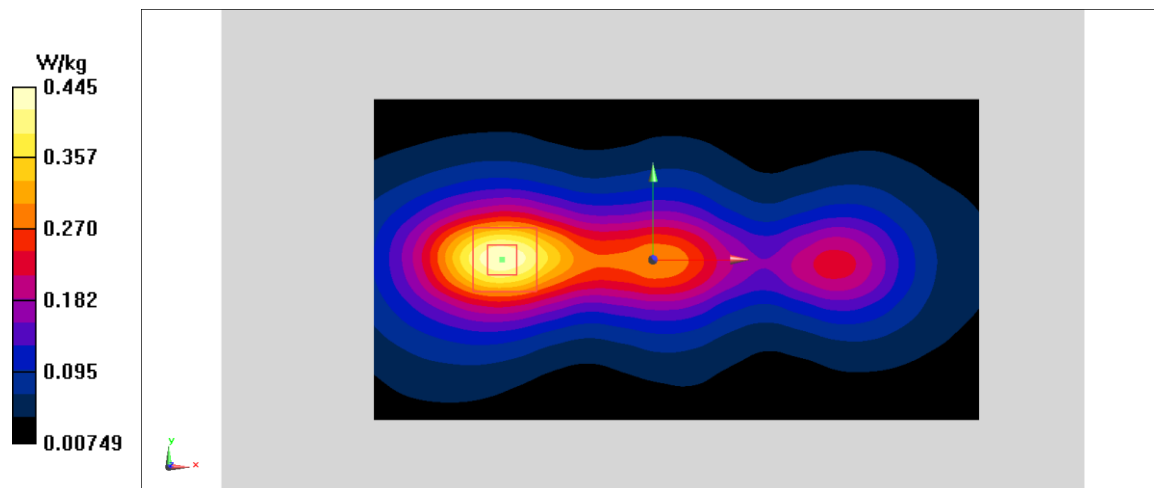
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.26 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.534 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 0.445 W/kg

**Fig A.47**

**LTE2500-TDD41\_CH39750 Left Edge 10mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.089$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.897 W/kg

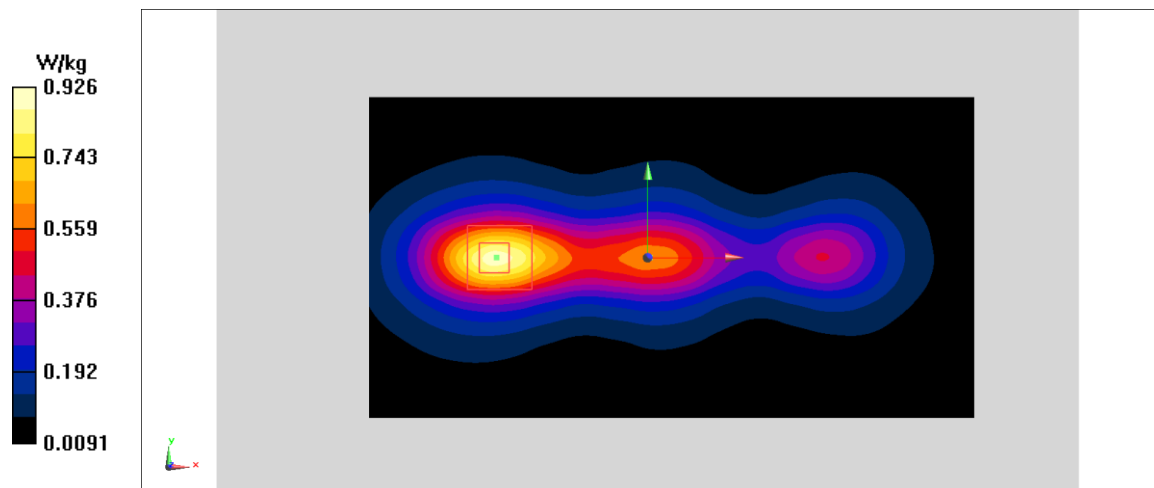
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.56 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.309 W/kg**

Maximum value of SAR (measured) = 0.926 W/kg

**Fig A.48**

**LTE2500-TDD41\_CH39750 Right Tilt**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: head 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.854$  mho/m;  $\epsilon_r = 38.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(6.92,6.92,6.92)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

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

Reference Value = 10.65 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.297 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg

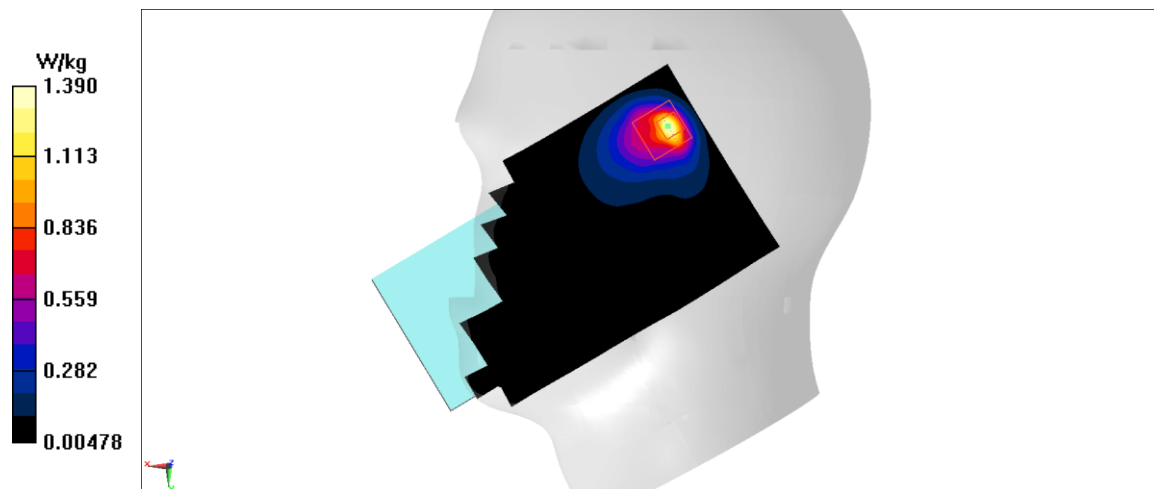


Fig A.49

**LTE2500-TDD41\_CH39750 Top Edge 15mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.089$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.579 W/kg

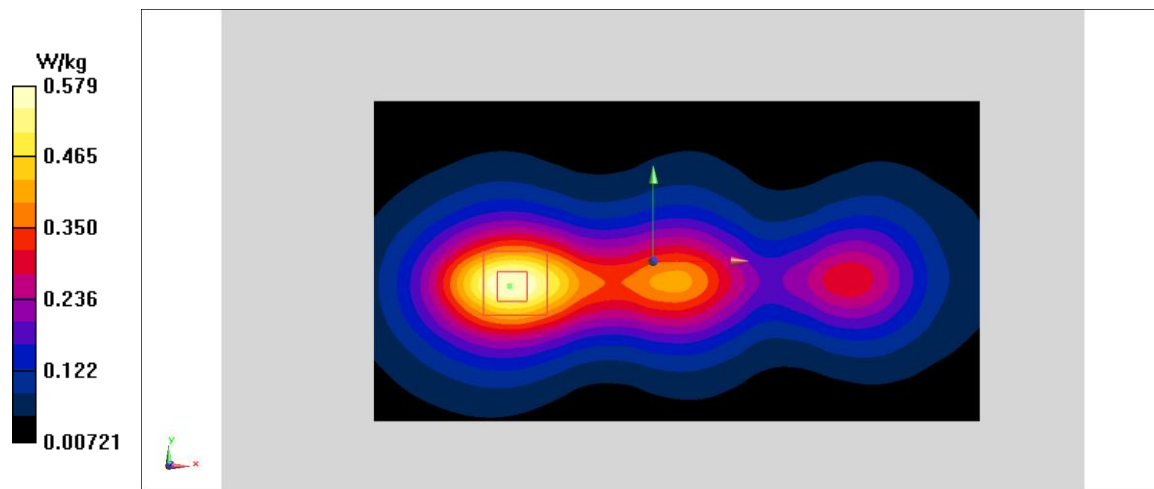
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.36 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.694 W/kg

**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 0.579 W/kg

**Fig A.50**

**LTE2500-TDD41\_CH39750 Top Edge 10mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.089$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

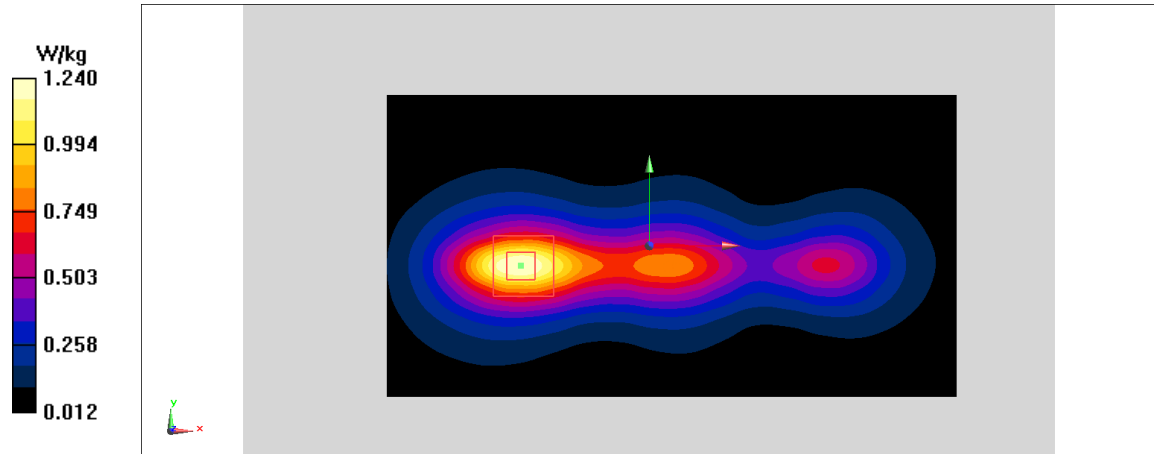
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.92 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.401 W/kg**

Maximum value of SAR (measured) = 1.24 W/kg

**Fig A.51**

**LTE Band48\_CH 55990 Right**

Date/Time: 10/9/2019

Electronics: DAE3 Sn771

Medium parameters used:  $f = 3625$  MHz;  $\sigma = 2.874$  S/m;  $\epsilon_r = 37.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: LTE B48 Frequency: 3625 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(6.31, 6.31, 6.31);

**Area Scan (121x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

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

Reference Value = 7.308 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.261 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg

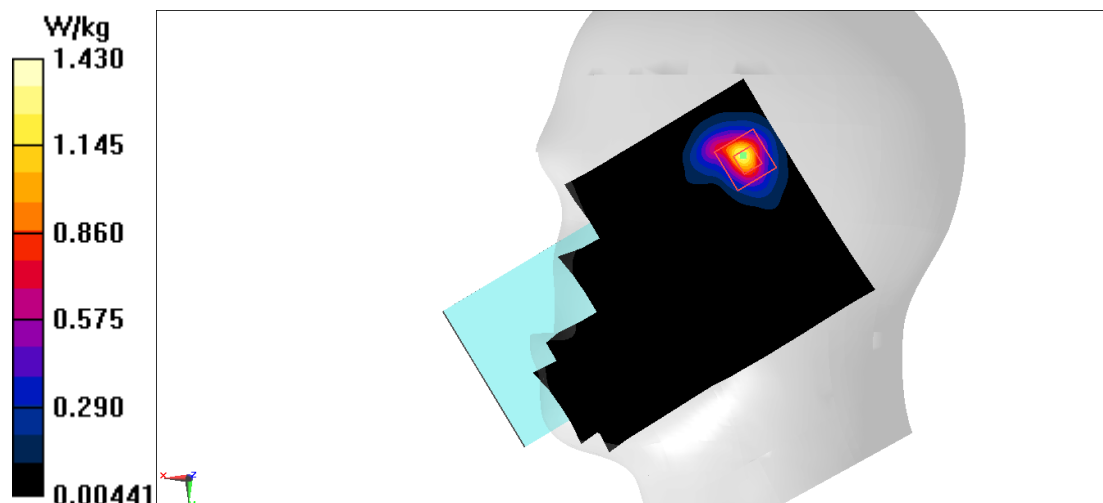


Fig A.52

**LTE Band48 Body Front 15mm**

Date/Time: 10/6/2019

Electronics: DAE3 Sn771

Medium parameters used:  $f = 3625$  MHz;  $\sigma = 3.203$  S/m;  $\epsilon_r = 50.393$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: LTE B48 Frequency: 3625 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(6.97, 6.97, 6.97);

**Area Scan (171x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.410 W/kg

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

Reference Value = 3.12 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.529 W/kg

**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.413 W/kg

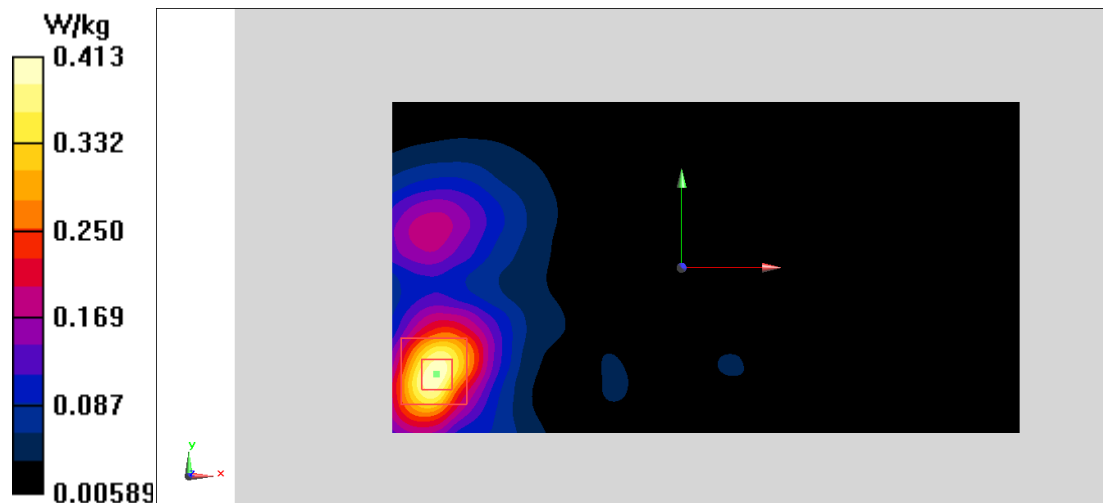


Fig A.53

**LTE Band48 Body Top 10mm**

Date/Time: 10/6/2019

Electronics: DAE3 Sn771

Medium parameters used:  $f = 3625$  MHz;  $\sigma = 3.203$  S/m;  $\epsilon_r = 50.393$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: LTE B48 Frequency: 3625 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(6.86, 6.86, 6.86);

**Area Scan (171x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.580 W/kg

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

Reference Value = 7.822 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.724 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.563 W/kg

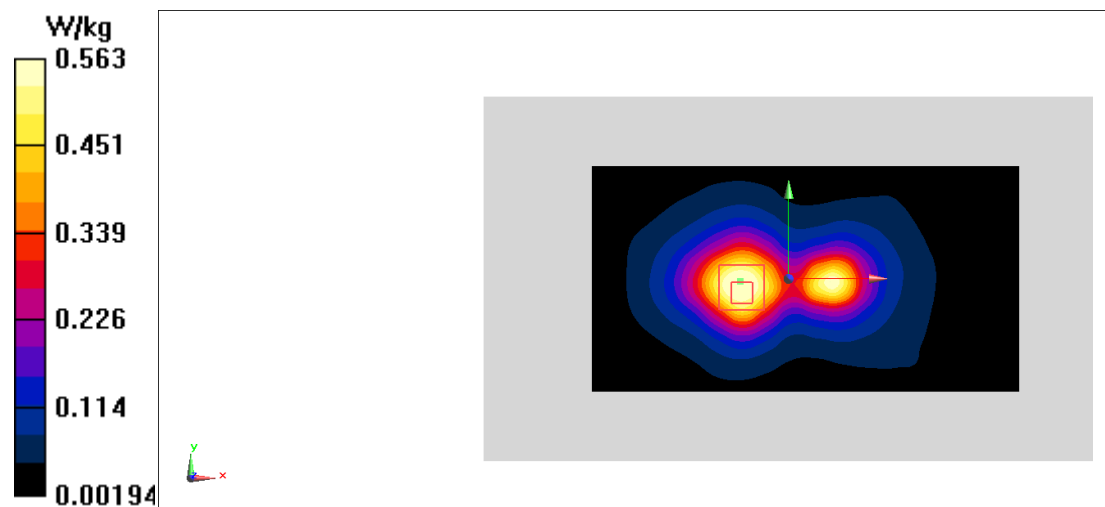


Fig A.54



**LTE1700-FDD66\_CH132322 Right Tilt**

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: head 1750 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.101$  mho/m;  $\epsilon_r = 38.94$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1700-FDD66 2506 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.38,8.38,8.38)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.75 W/kg

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

Reference Value = 10.88 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.221 W/kg**

Maximum value of SAR (measured) = 0.966 W/kg

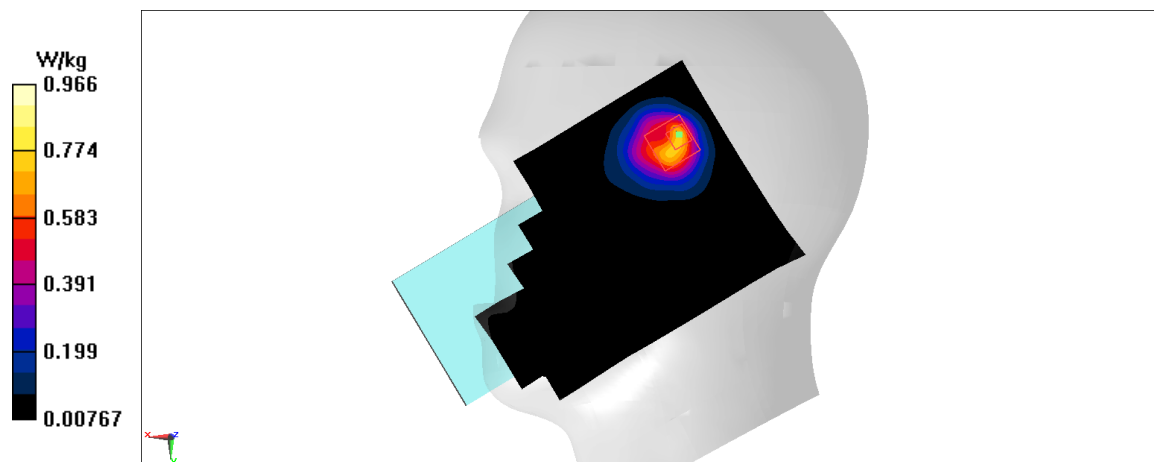


Fig A.55

**LTE1700-FDD66\_CH132572 Top Edge 15mm**

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: body 1750 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.195$  mho/m;  $\epsilon_r = 52.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1700-FDD66 2506 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.03,8.03,8.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.7 W/kg

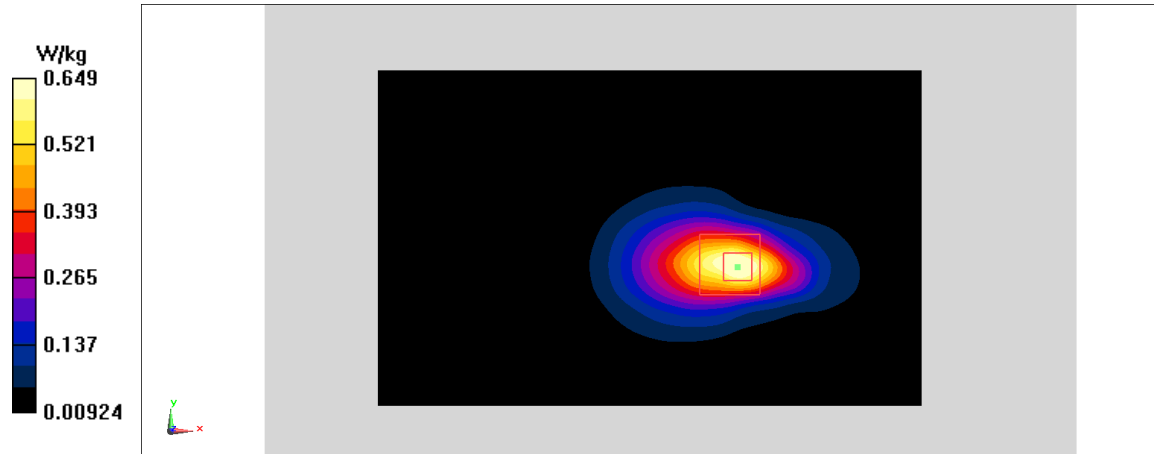
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.37 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.649 W/kg

**Fig A.56**

**LTE1700-FDD66\_CH132072 Top Edge 10mm**

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: body 1750 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.195$  mho/m;  $\epsilon_r = 52.35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1700-FDD66 2506 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.03,8.03,8.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.782 W/kg

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

Reference Value = 12.55 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.265 W/kg**

Maximum value of SAR (measured) = 0.764 W/kg

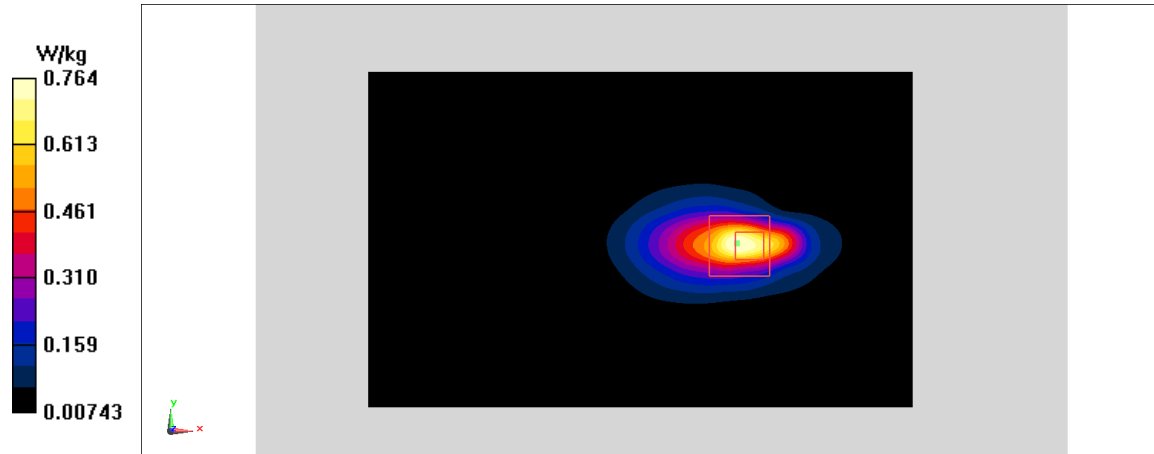


Fig A.57

**LTE700-FDD71\_CH133322 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.548$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD71 2506 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.769 W/kg

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

Reference Value = 9.848 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.307 W/kg**

Maximum value of SAR (measured) = 0.794 W/kg

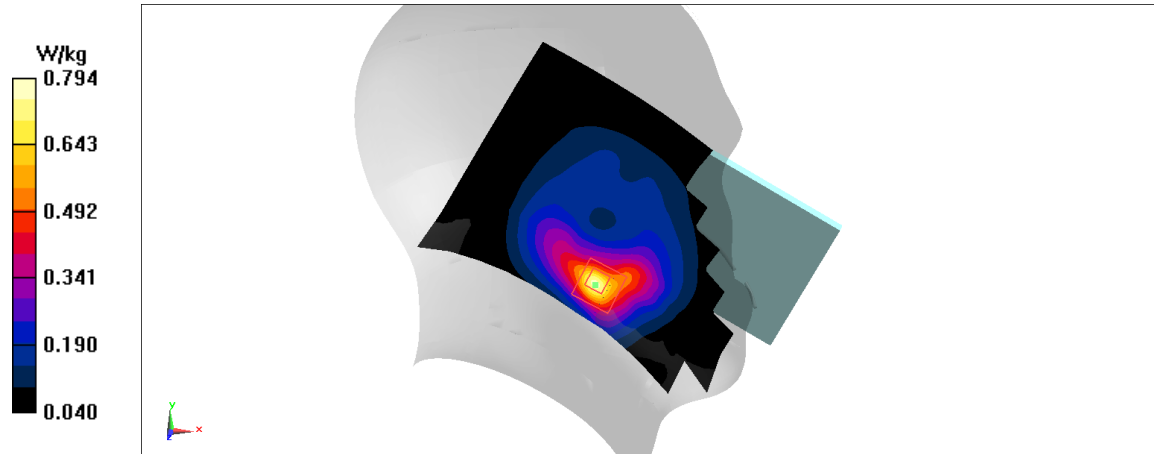


Fig A.58

**LTE700-FDD71\_CH133322 Left Edge 15mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.631$  mho/m;  $\epsilon_r = 54.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD71 2506 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.532 W/kg

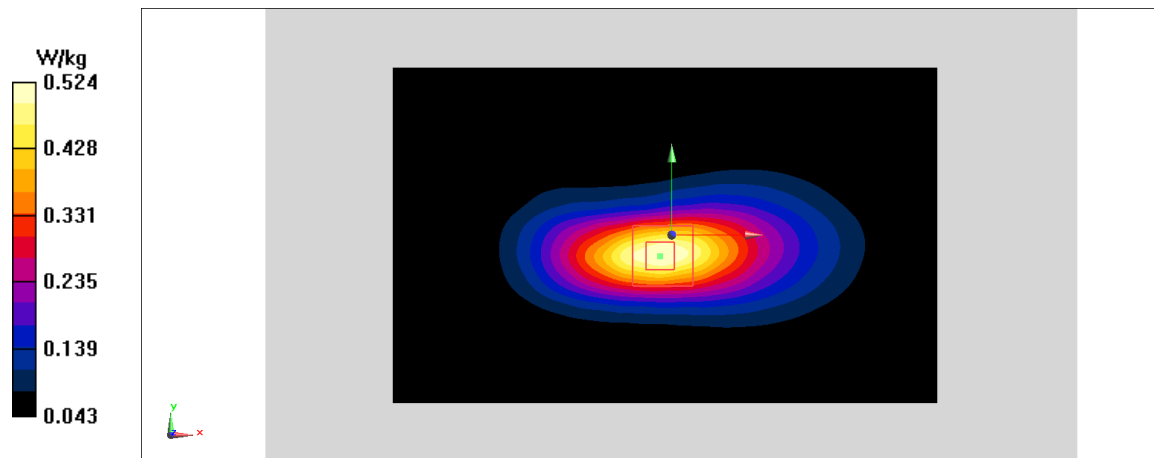
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.18 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.602 W/kg

**SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 0.524 W/kg

**Fig A.59**

**LTE700-FDD71\_CH133222 Left Edge 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.631$  mho/m;  $\epsilon_r = 54.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD71 2506 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.401 W/kg

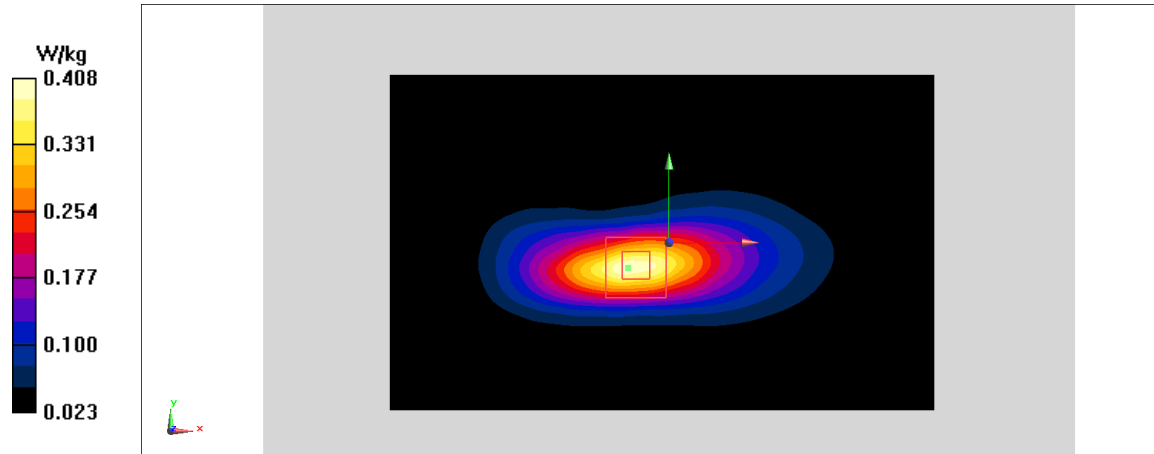
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.05 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.484 W/kg

**SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.177 W/kg**

Maximum value of SAR (measured) = 0.408 W/kg

**Fig A.60**

**GSM850\_CH251 Left Cheek**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: head 835 MHz

Medium parameters used:  $f = 848.8$ ;  $\sigma = 0.897$  mho/m;  $\epsilon_r = 41.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: GSM850 848.8 Duty Cycle: 1:2.67

Probe: EX3DV4 – SN3617 ConvF(9.75,9.75,9.75)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.207 W/kg

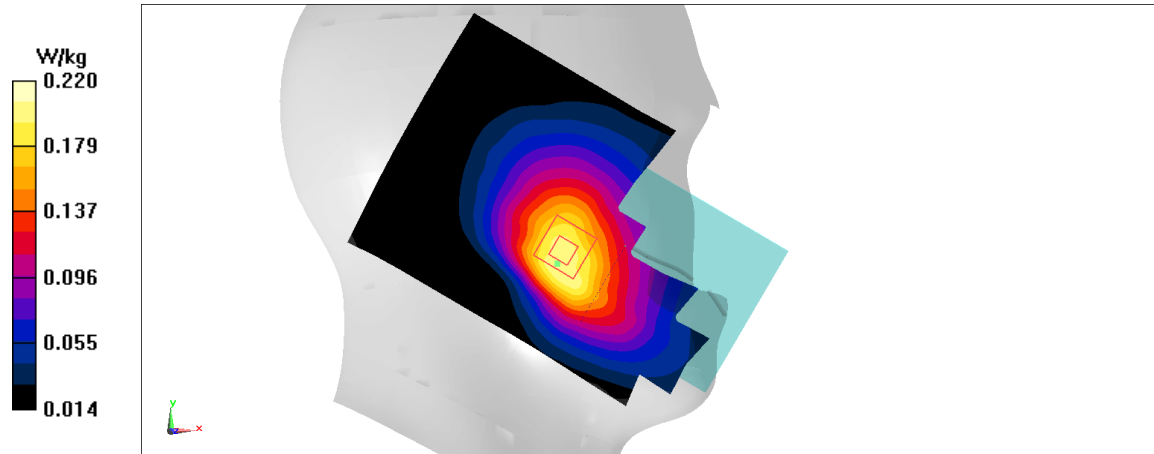
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.99 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.24 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.141 W/kg**

Maximum value of SAR (measured) = 0.22 W/kg

**Fig A.63**

**GSM850\_CH251 Rear 10mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 848.8$ ;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: GSM850 848.8 Duty Cycle: 1:2.67

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.357 W/kg

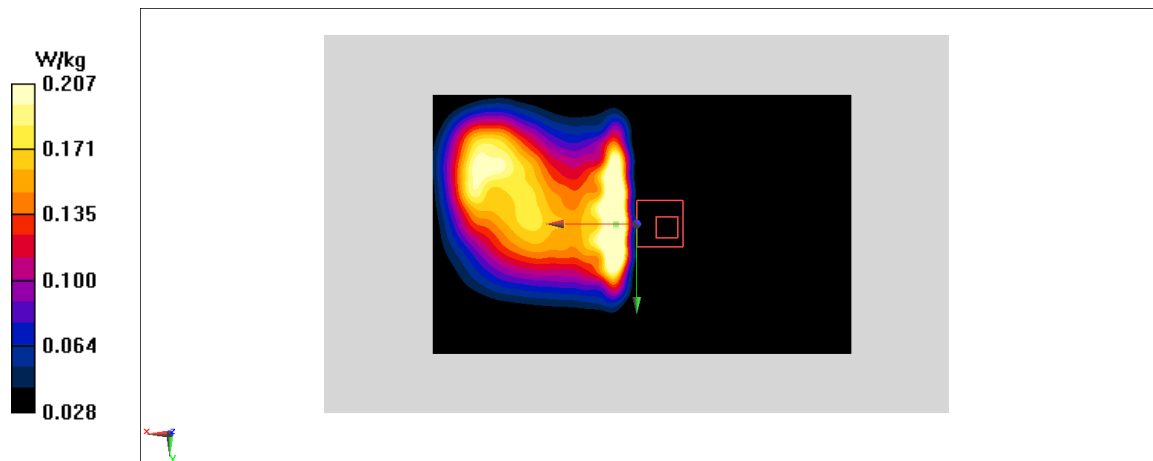
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.13 W/kg**

Maximum value of SAR (measured) = 0.207 W/kg

**Fig A.64**



**PCS1900\_CH810 Right Cheek**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: head 1900 MHz

Medium parameters used:  $f = 1909.8$ ;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: PCS1900 1909.8 Duty Cycle: 1:2.67

Probe: EX3DV4 – SN3617 ConvF(8.14,8.14,8.14)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.273 W/kg

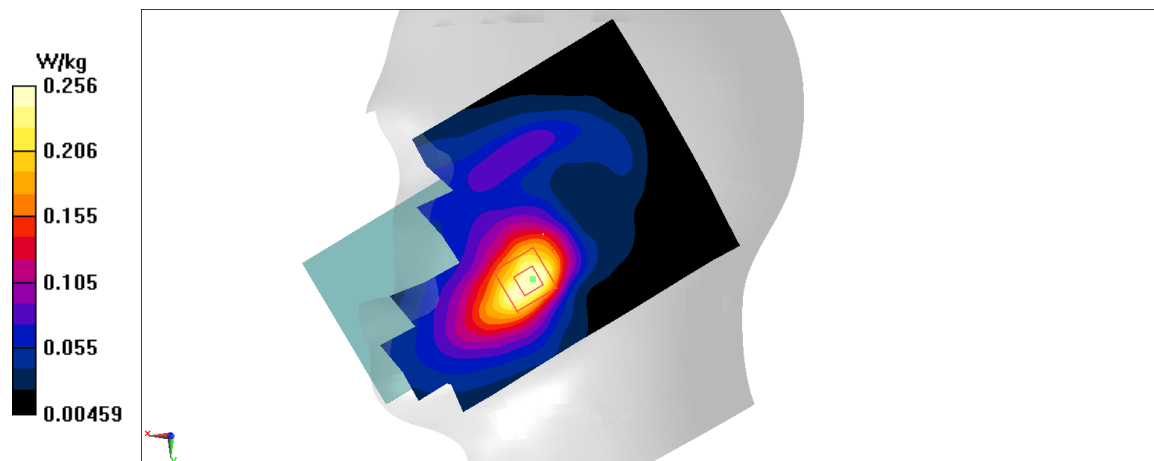
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.588 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.256 W/kg



**Fig A.65**

**PCS1900\_CH512 Bottom Edge 15mm**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: body 1900 MHz

Medium parameters used:  $f = 1850.2$ ;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 54.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: PCS1900 1850.2 Duty Cycle: 1:2.67

Probe: EX3DV4 – SN3617 ConvF(7.78,7.78,7.78)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.654 W/kg

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

Reference Value = 19.93 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.47 W/kg; SAR(10 g) = 0.282 W/kg**

Maximum value of SAR (measured) = 0.664 W/kg

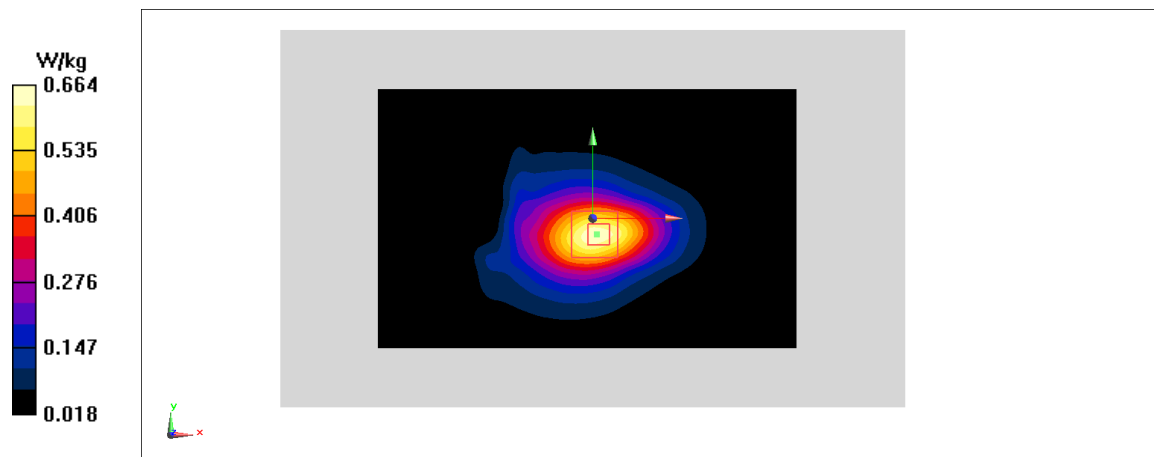


Fig A.66

**PCS1900\_CH661 Bottom Edge 10mm**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: body 1900 MHz

Medium parameters used:  $f = 1880$ ;  $\sigma = 1.529$  mho/m;  $\epsilon_r = 54.19$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: PCS1900 1880 Duty Cycle: 1:2.67

Probe: EX3DV4 – SN3617 ConvF(7.78,7.78,7.78)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.877 W/kg

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

Reference Value = 21.16 V/m; Power Drift = 0 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.365 W/kg**

Maximum value of SAR (measured) = 0.93 W/kg

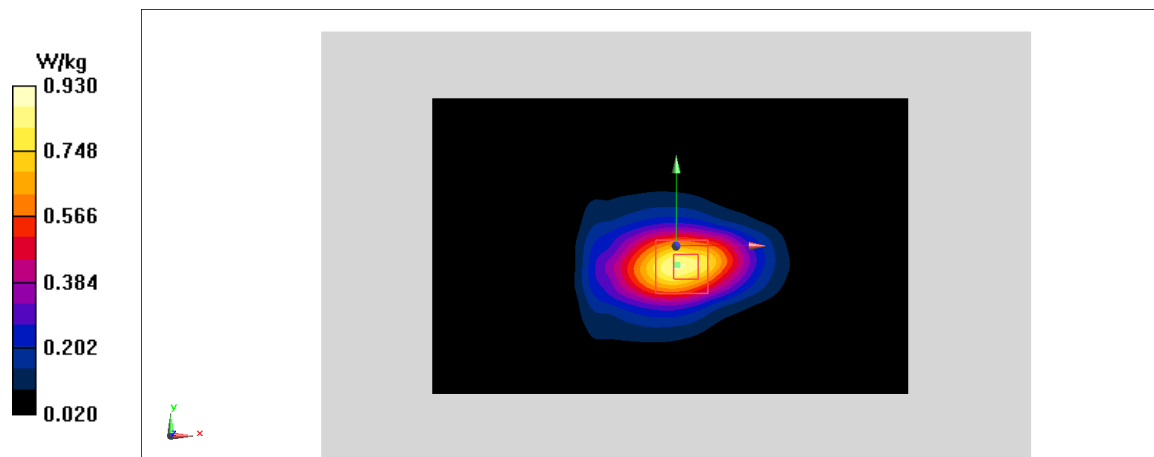


Fig A.67

**WCDMA1900-BII\_CH9262 Right Cheek**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: head 1900 MHz

Medium parameters used:  $f = 1852.4$ ;  $\sigma = 1.355$  mho/m;  $\epsilon_r = 40.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1900-BII 1852.4 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.14,8.14,8.14)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.333 W/kg

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

Reference Value = 7.754 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.157 W/kg**

Maximum value of SAR (measured) = 0.319 W/kg

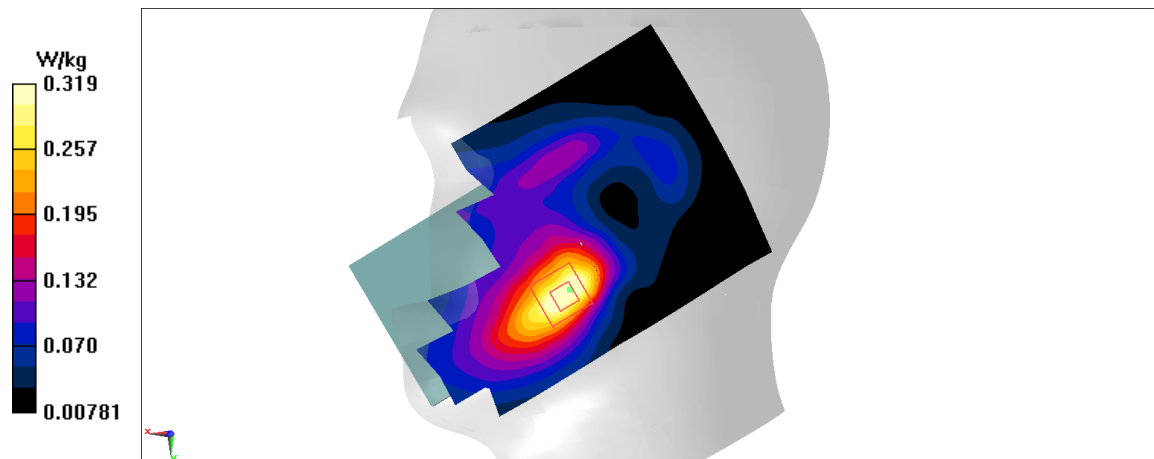


Fig A.68

**WCDMA1900-BII\_CH9400 Bottom Edge 15mm**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: body 1900 MHz

Medium parameters used:  $f = 1880$ ;  $\sigma = 1.529$  mho/m;  $\epsilon_r = 54.19$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1900-BII 1880 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.78,7.78,7.78)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 25.62 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.85 W/kg; SAR(10 g) = 0.507 W/kg**

Maximum value of SAR (measured) = 1.2 W/kg

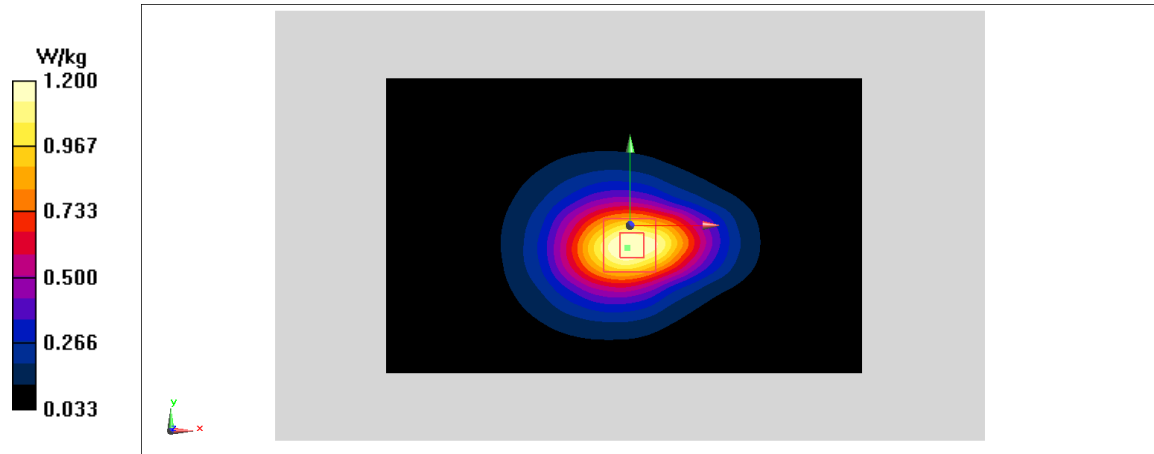


Fig A.69

**WCDMA1900-BII\_CH9400 Bottom Edge 10mm**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: body 1900 MHz

Medium parameters used:  $f = 1880$ ;  $\sigma = 1.529$  mho/m;  $\epsilon_r = 54.19$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1900-BII 1880 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.78,7.78,7.78)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.905 W/kg

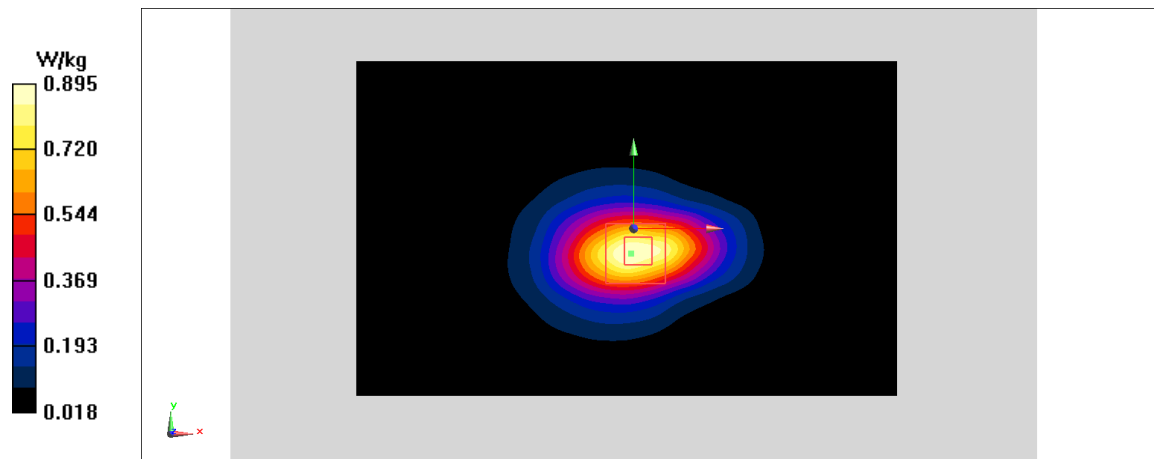
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.78 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.35 W/kg**

Maximum value of SAR (measured) = 0.895 W/kg

**Fig A.70**

**WCDMA1700-BIV\_CH1412 Right Cheek**

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: head 1750 MHz

Medium parameters used:  $f = 1732.4$ ;  $\sigma = 1.366$  mho/m;  $\epsilon_r = 39.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1700-BIV 1732.4 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.38,8.38,8.38)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.348 W/kg

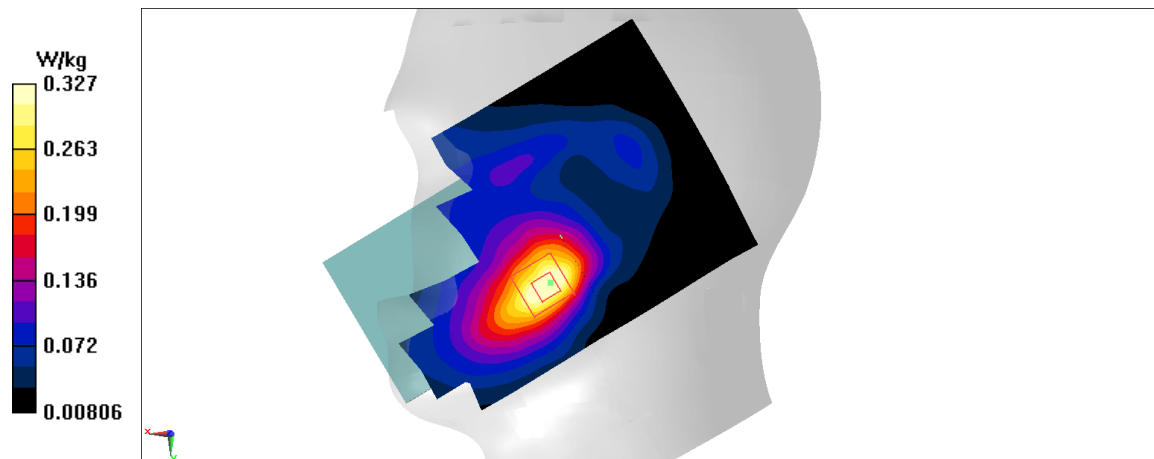
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.223 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.371 W/kg

**SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.159 W/kg**

Maximum value of SAR (measured) = 0.327 W/kg

**Fig A.71**

**WCDMA1700-BIV\_CH1513 Bottom Edge 15mm**

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: body 1750 MHz

Medium parameters used:  $f = 1752.6$ ;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1700-BIV 1752.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.03,8.03,8.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.966 W/kg

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

Reference Value = 23.55 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.402 W/kg**

Maximum value of SAR (measured) = 0.941 W/kg

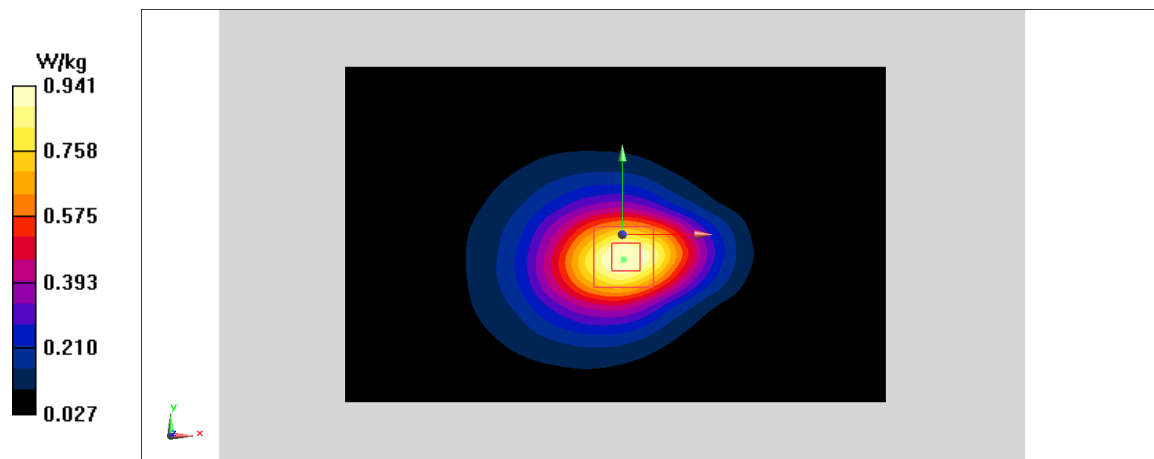


Fig A.72



**WCDMA1700-BIV\_CH1513 Bottom Edge 10mm**

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: body 1750 MHz

Medium parameters used:  $f = 1752.6$ ;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA1700-BIV 1752.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.03,8.03,8.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.867 W/kg

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

Reference Value = 22.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.342 W/kg**

Maximum value of SAR (measured) = 0.844 W/kg

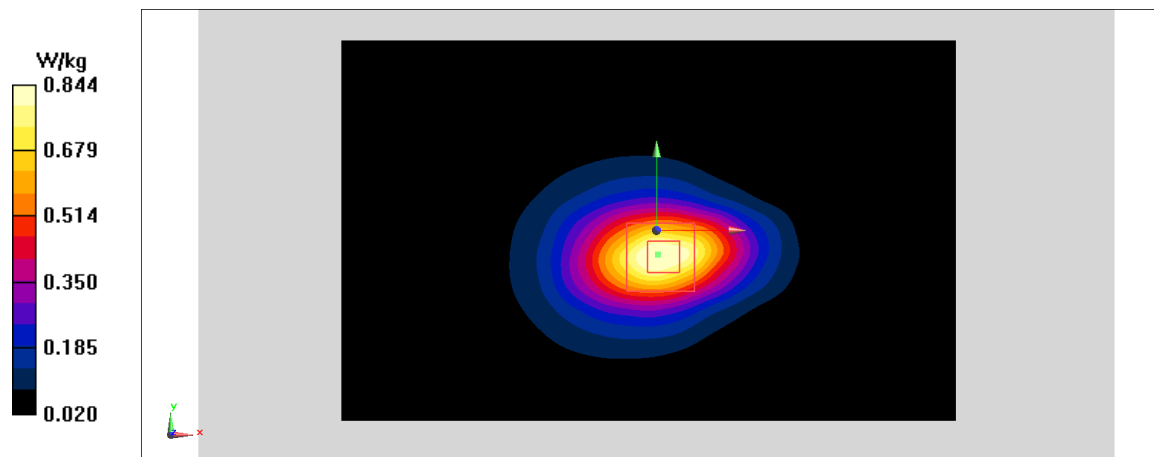


Fig A.73

**WCDMA850-BV\_CH4183 Left Cheek**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: head 835 MHz

Medium parameters used:  $f = 836.6$ ;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA850-BV 836.6 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.75,9.75,9.75)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

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

Reference Value = 5.291 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.13 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.152 W/kg

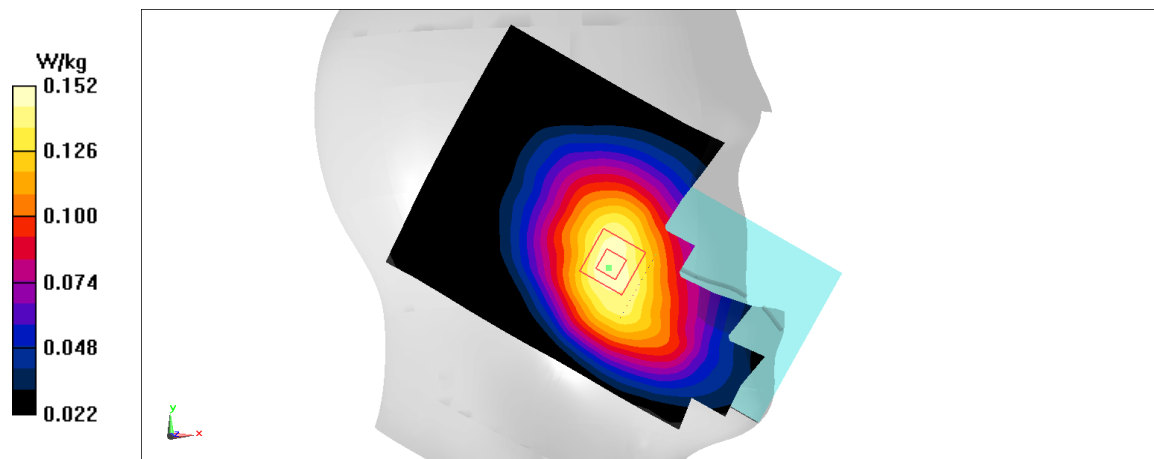


Fig A.74

**WCDMA850-BV\_CH4132 Rear 10mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 826.4$ ;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 55.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WCDMA850-BV 826.4 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.314 W/kg

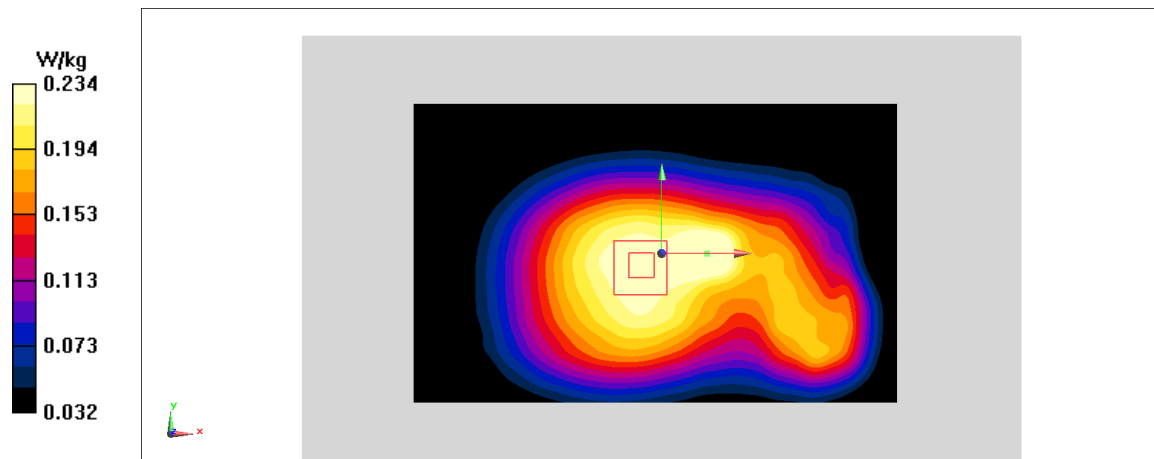
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.25 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.259 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.234 W/kg

**Fig A.75**

**CDMA800-BC0\_CH384 Left Cheek**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: head 835 MHz

Medium parameters used:  $f = 836.52$ ;  $0.855$  S/m;  $\epsilon_r = 43.19$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA800-BC0 836.52 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.75,9.75,9.75)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.245 W/kg

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

Reference Value = 6.156 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 0.24 W/kg

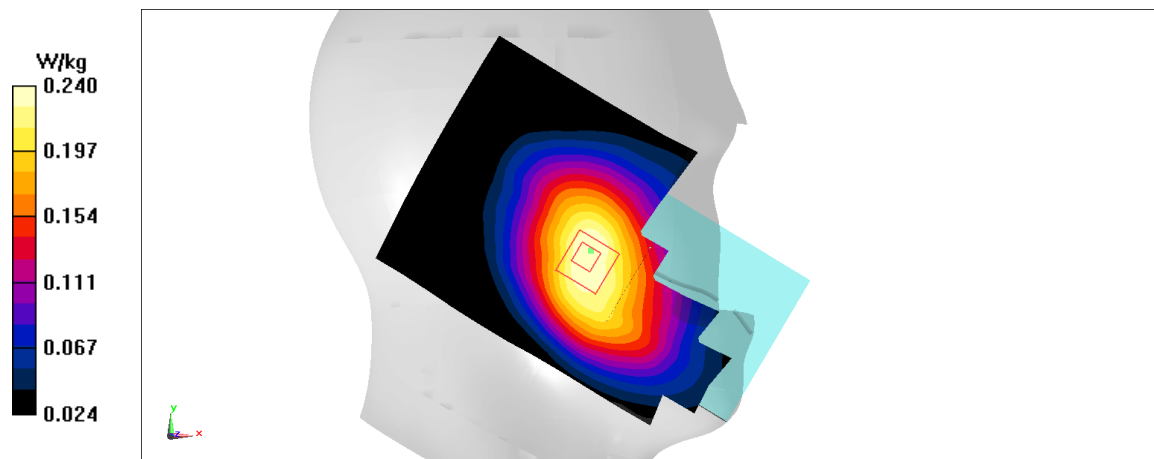


Fig A.76

**CDMA800-BC0\_CH384 Rear 15mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 836.52$ ;  $\sigma = 0.938$  S/m;  $\epsilon_r = 55.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA800-BC0 836.52 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

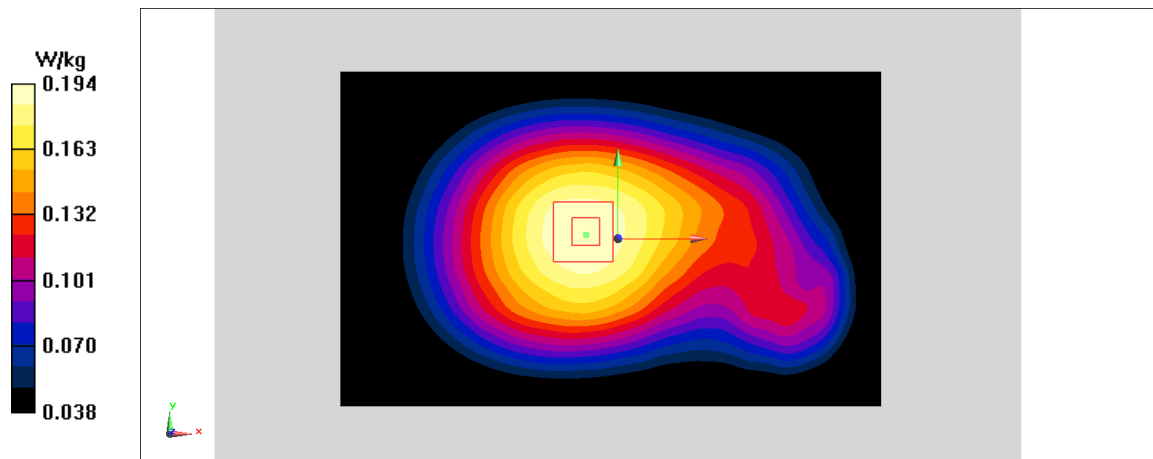
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.72 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.16 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 0.194 W/kg

**Fig A.77**

**CDMA800-BC0\_CH384 Rear 10mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 836.52$ ;  $\sigma = 0.938$  S/m;  $\epsilon_r = 55.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA800-BC0 836.52 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

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

Reference Value = 13.9 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.213 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.108 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg

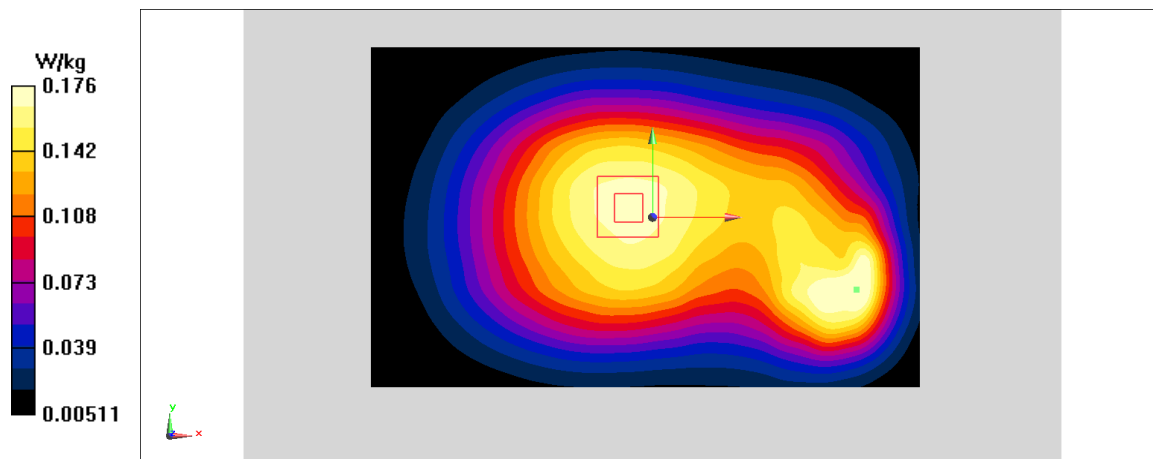


Fig A.78

**CDMA1900-BC1\_CH1175 Right Cheek**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: head 835 MHz

Medium parameters used:  $f = 1908.75$ ;  $\sigma = 1.456$  S/m;  $\epsilon_r = 39.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA1900-BC1 1908.75 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.75,9.75,9.75)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.31 W/kg

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

Reference Value = 8.273 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.257 W/kg

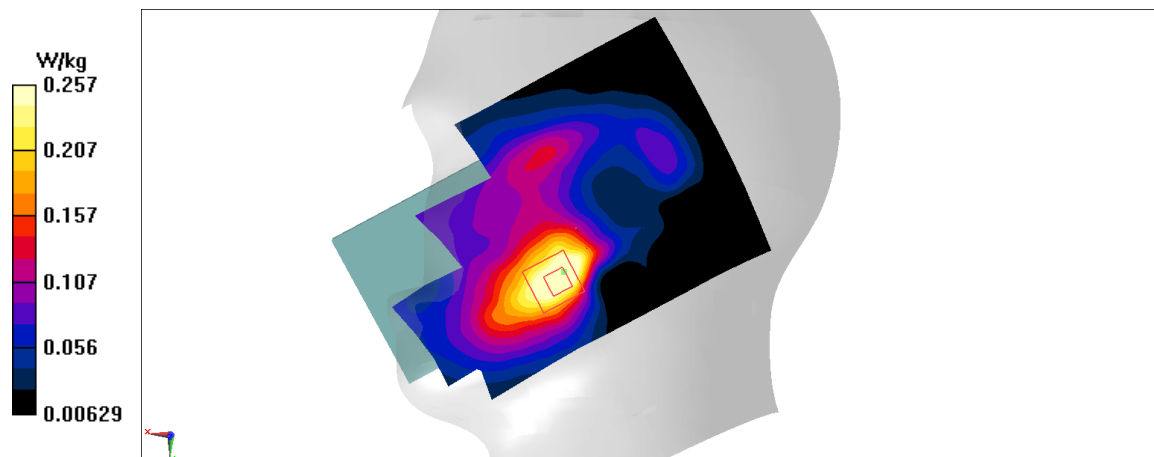


Fig A.79

**CDMA1900-BC1\_CH600 Bottom Edge 15mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 1880$ ;  $\sigma = 1.587$  S/m;  $\epsilon_r = 53.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA1900-BC1 1880 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.668 W/kg

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

Reference Value = 19.62 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.661 W/kg

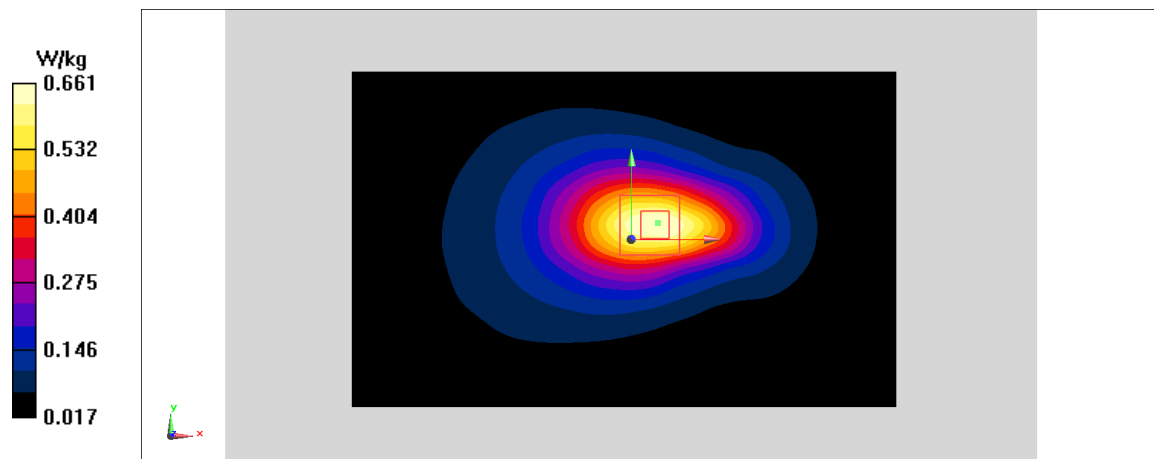


Fig A.80



**CDMA1900-BC1\_CH600 Bottom Edge 10mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 1880$ ;  $\sigma = 1.587$  S/m;  $\epsilon_r = 53.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA1900-BC1 1880 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.534 W/kg

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

Reference Value = 17.17 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.637 W/kg

**SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.342 W/kg**

Maximum value of SAR (measured) = 0.535 W/kg

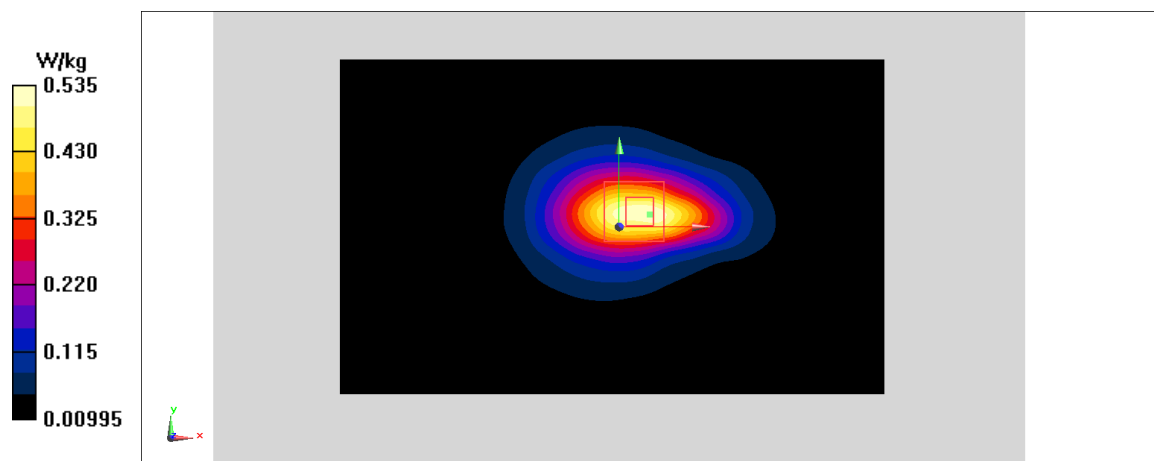


Fig A.81

**CDMA800-BC10\_CH476 Left Cheek**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: head 835 MHz

Medium parameters used:  $f = 817.9$ ;  $\sigma = 0.846$  S/m;  $\epsilon_r = 43.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA800-BC10 817.9 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.75,9.75,9.75)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.153 W/kg

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

Reference Value = 4.81 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.17 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg

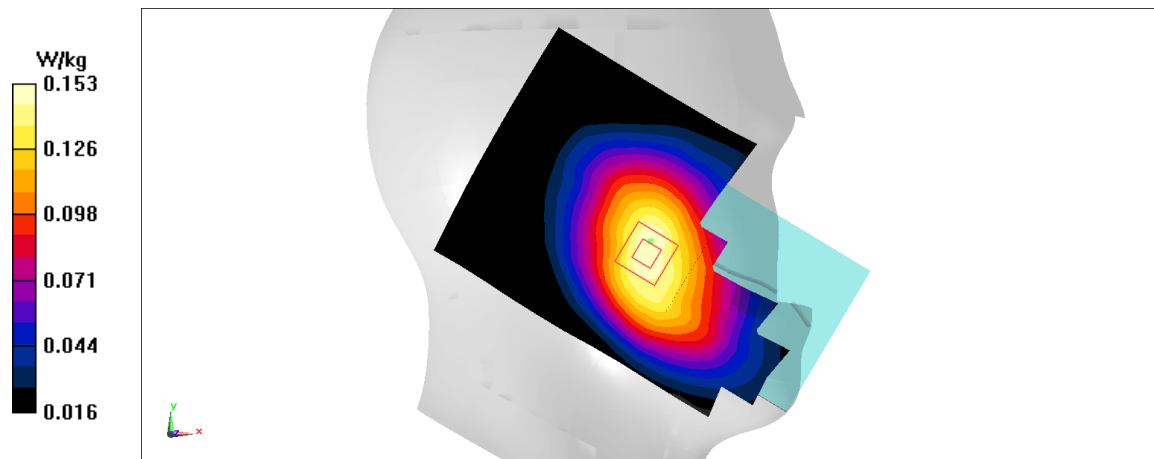


Fig A.82

**CDMA800-BC10\_CH476 Bottom Edge 15mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 817.9$ ;  $\sigma = 0.93$  S/m;  $\epsilon_r = 55.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA800-BC10 817.9 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.201 W/kg

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

Reference Value = 15.04 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.129 W/kg**

Maximum value of SAR (measured) = 0.202 W/kg

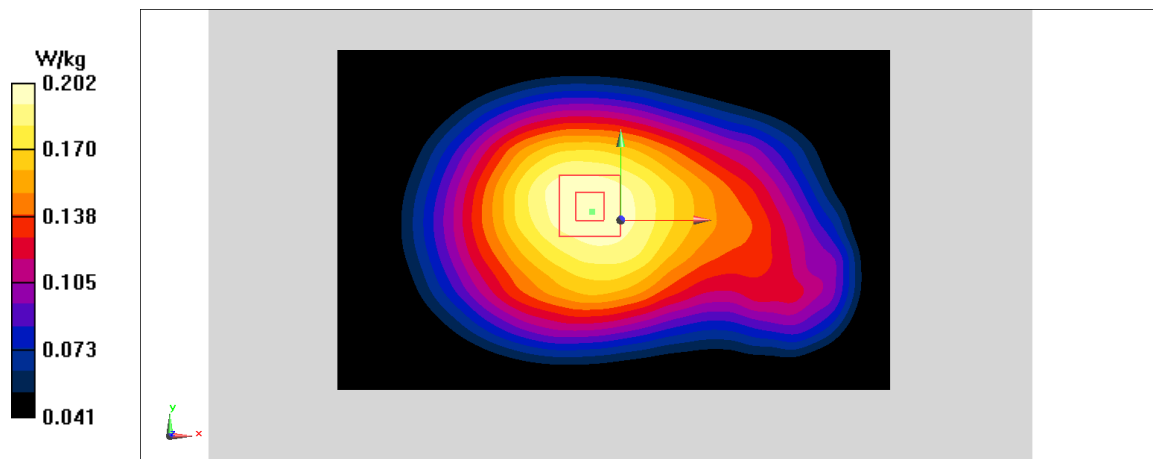


Fig A.83

**CDMA800-BC10\_CH476 Bottom Edge 10mm**

Date: 10/2/2019

Electronics: DAE4 Sn771

Medium: body 835 MHz

Medium parameters used:  $f = 817.9$ ;  $\sigma = 0.93$  S/m;  $\epsilon_r = 55.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: CDMA800-BC10 817.9 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.61,9.61,9.61)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

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

Reference Value = 16.38 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.286 W/kg

**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.239 W/kg

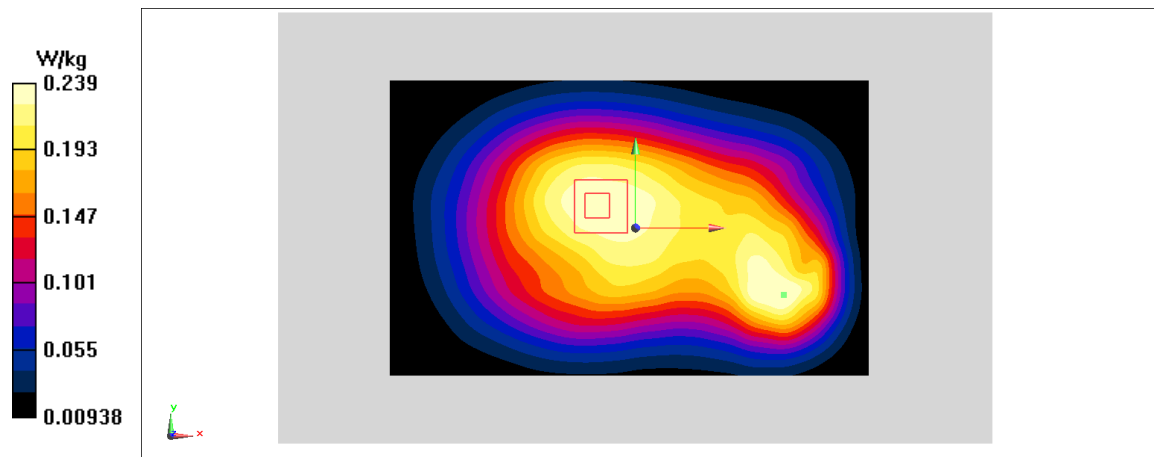


Fig A.84

**LTE1900-FDD2\_CH18900 Right Cheek**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.382$  mho/m;  $\epsilon_r = 40.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1900-FDD2 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.14,8.14,8.14)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

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

Reference Value = 6.741 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.121 W/kg

**SAR(1 g) = 0.08 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.103 W/kg

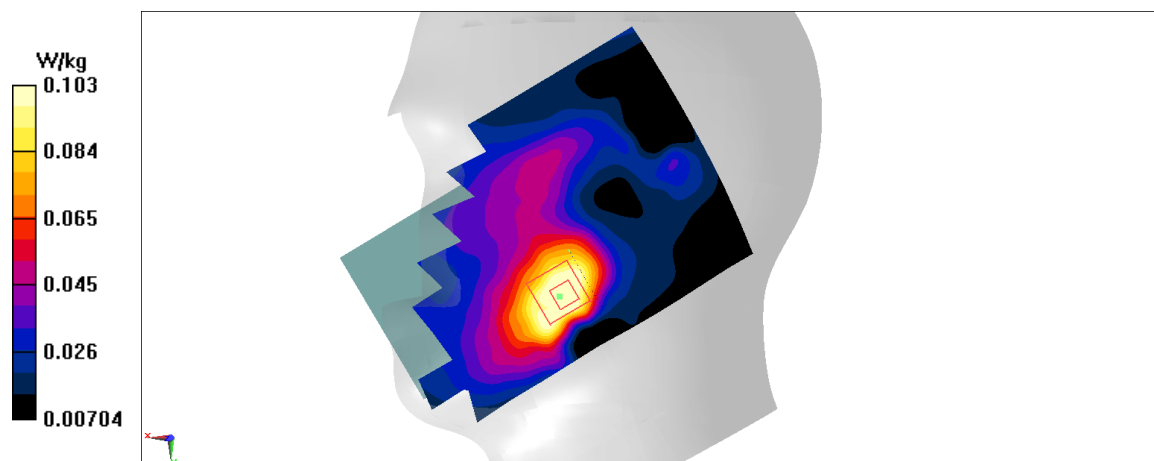


Fig A.85

**LTE1900-FDD2\_CH18900 Bottom Edge 10mm**

Date: 10/4/2019

Electronics: DAE4 Sn771

Medium: body 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.529$  mho/m;  $\epsilon_r = 54.19$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1900-FDD2 1880 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.78,7.78,7.78)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.693 W/kg

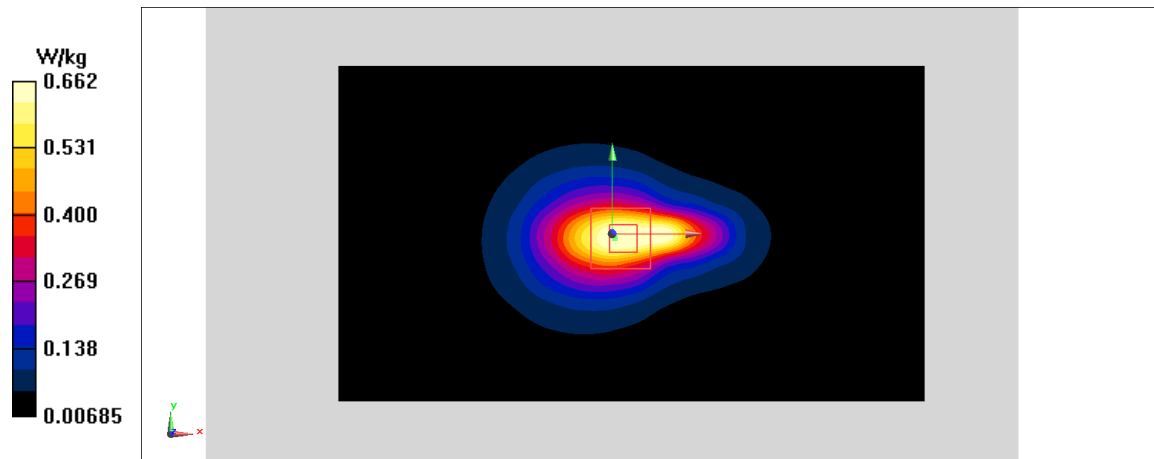
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.74 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.798 W/kg

**SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.261 W/kg**

Maximum value of SAR (measured) = 0.662 W/kg



**Fig A.86**

**LTE2500-FDD7\_CH21100 Left Cheek**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: head 2600 MHz

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.881$  mho/m;  $\epsilon_r = 38.94$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-FDD7 2535 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.19,7.19,7.19)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

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

Reference Value = 4.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.206 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.171 W/kg

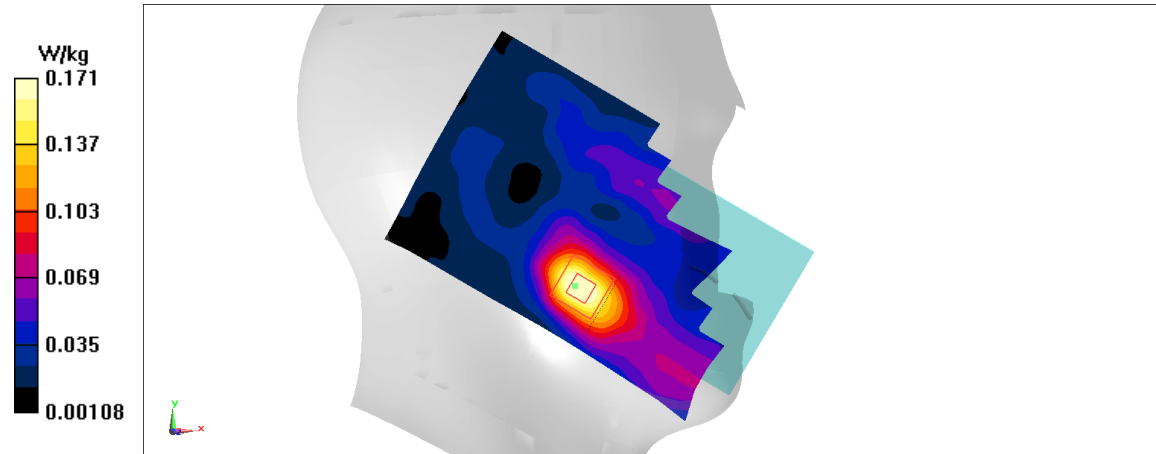


Fig A.87

**LTE2500-FDD7\_CH21100 Bottom Edge 15mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.116$  mho/m;  $\epsilon_r = 53.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-FDD7 2535 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.49,7.49,7.49)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.7 W/kg

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

Reference Value = 16.32 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.855 W/kg

**SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.242 W/kg**

Maximum value of SAR (measured) = 0.699 W/kg

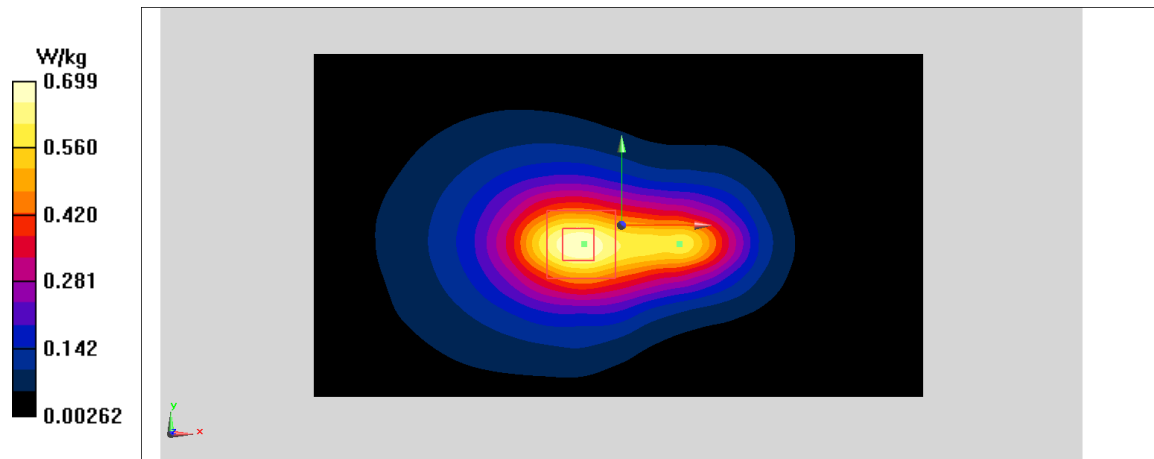


Fig A.88



**LTE2500-FDD7\_CH21100 Bottom Edge 10mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.116$  mho/m;  $\epsilon_r = 53.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-FDD7 2535 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.49,7.49,7.49)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.633 W/kg

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

Reference Value = 14.17 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.752 W/kg

**SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.616 W/kg

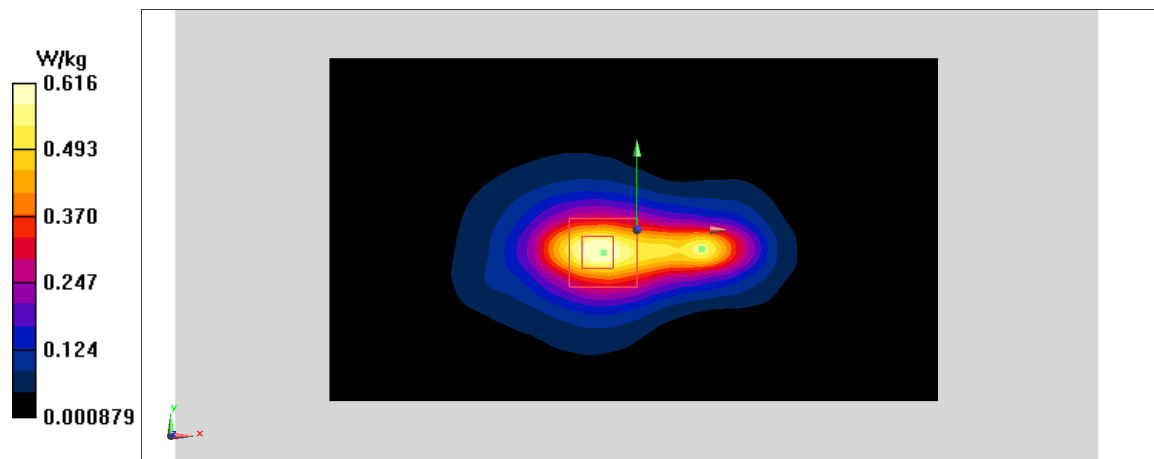


Fig A.89

**LTE700-FDD12\_CH23095 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.84$  mho/m;  $\epsilon_r = 41.76$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD12 707.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.126 W/kg

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

Reference Value = 4.27 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.085 W/kg**

Maximum value of SAR (measured) = 0.128 W/kg

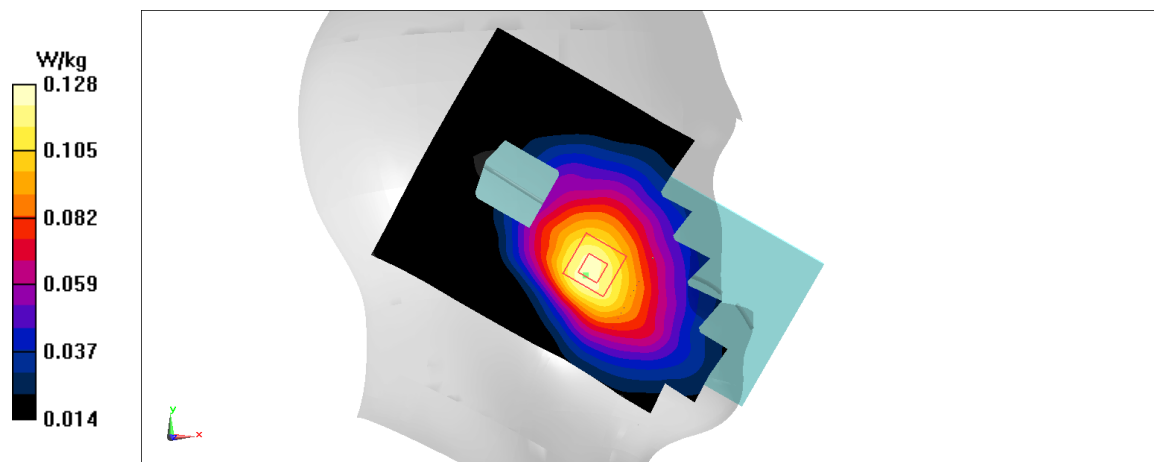


Fig A.90

**LTE700-FDD12\_CH23095 Front**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 56.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD12 707.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.243 W/kg

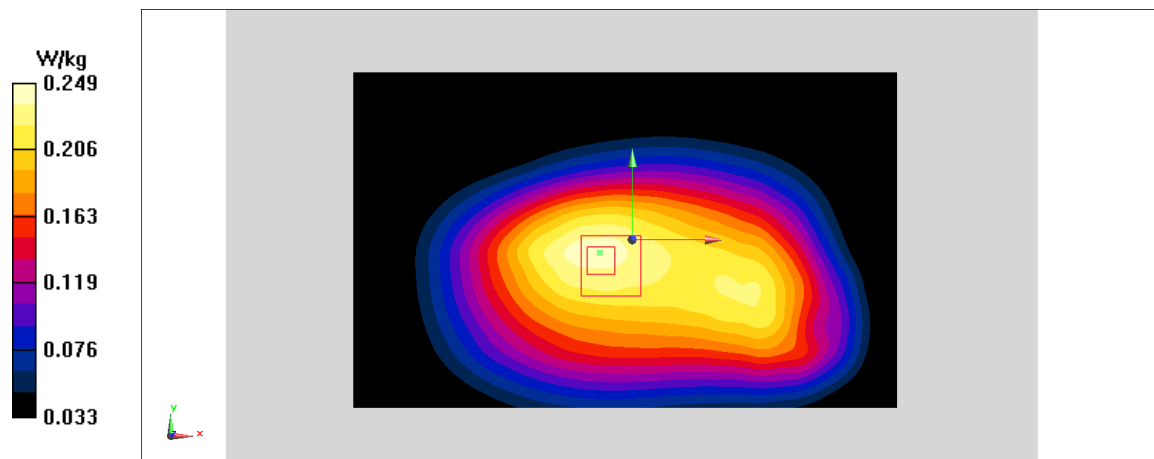
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.58 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.16 W/kg**

Maximum value of SAR (measured) = 0.249 W/kg

**Fig A.91**

**LTE750-FDD13\_CH23230 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 41.67$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE750-FDD13 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$ 

Maximum value of SAR (interpolated) = 0.113 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 4.668 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.109 W/kg

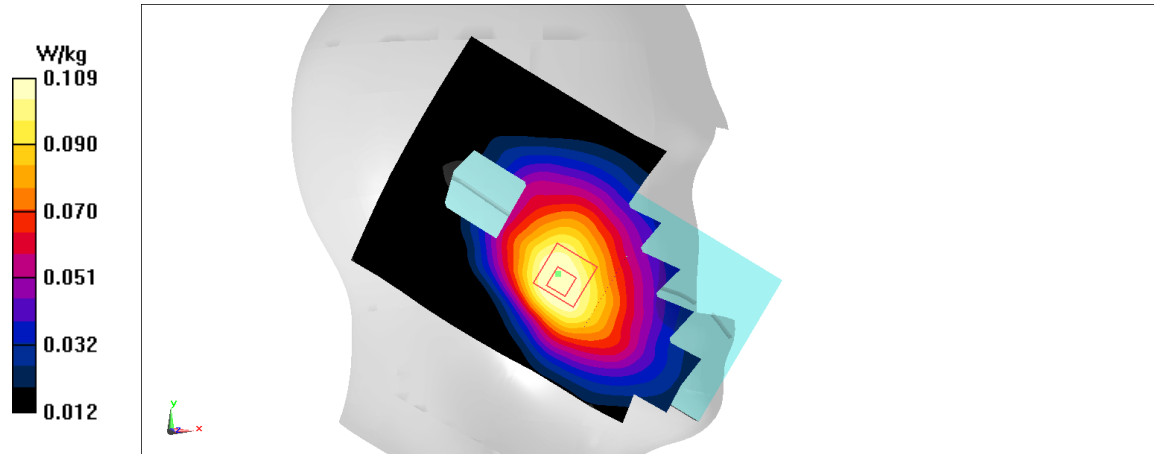


Fig A.92

**LTE750-FDD13\_CH23230 Rear 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE750-FDD13 782 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.2 W/kg

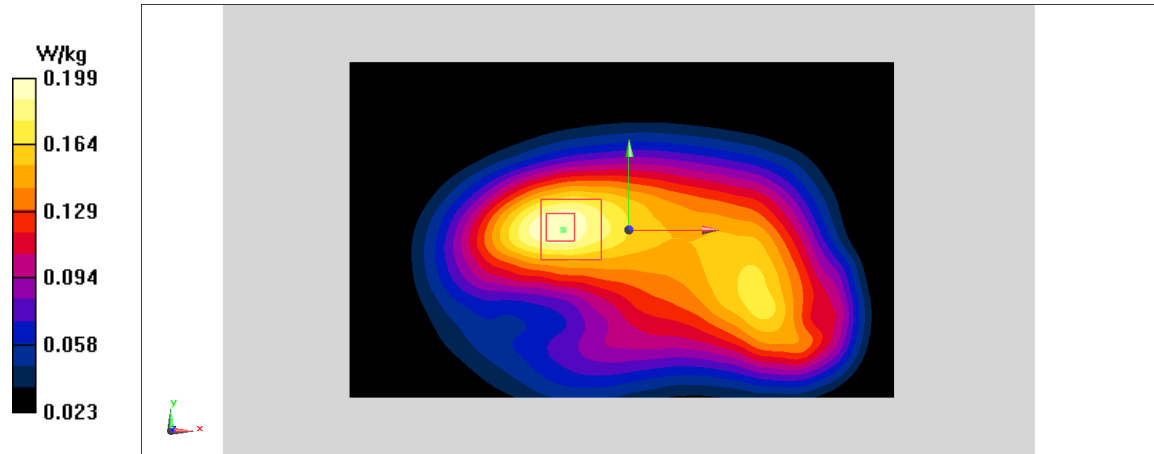
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.88 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.223 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.199 W/kg

**Fig A.93**

**LTE700-FDD14\_CH23330 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 41.66$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD14 793 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0996 W/kg

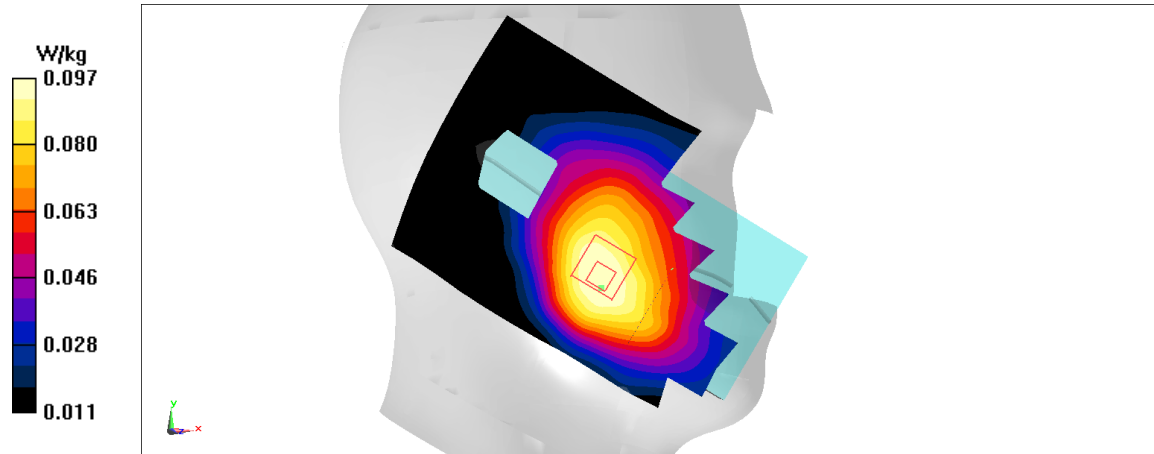
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.823 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.0973 W/kg

**Fig A.94**

**LTE700-FDD14\_CH23330 Rear 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 793$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.28$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD14 793 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.223 W/kg

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

Reference Value = 15.84 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.217 W/kg

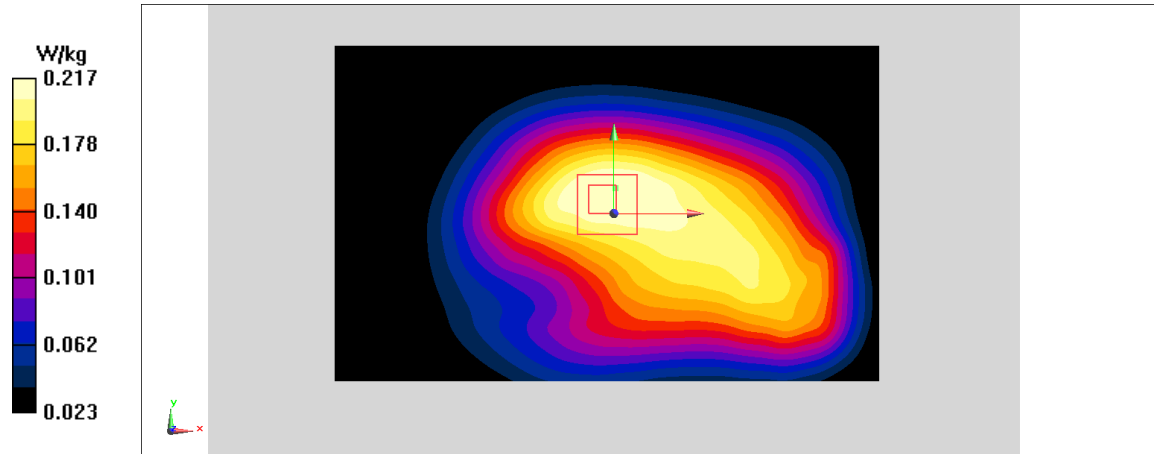


Fig A.95

**LTE1900-FDD25\_CH26140 Right Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 40.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1900-FDD25 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.311 W/kg

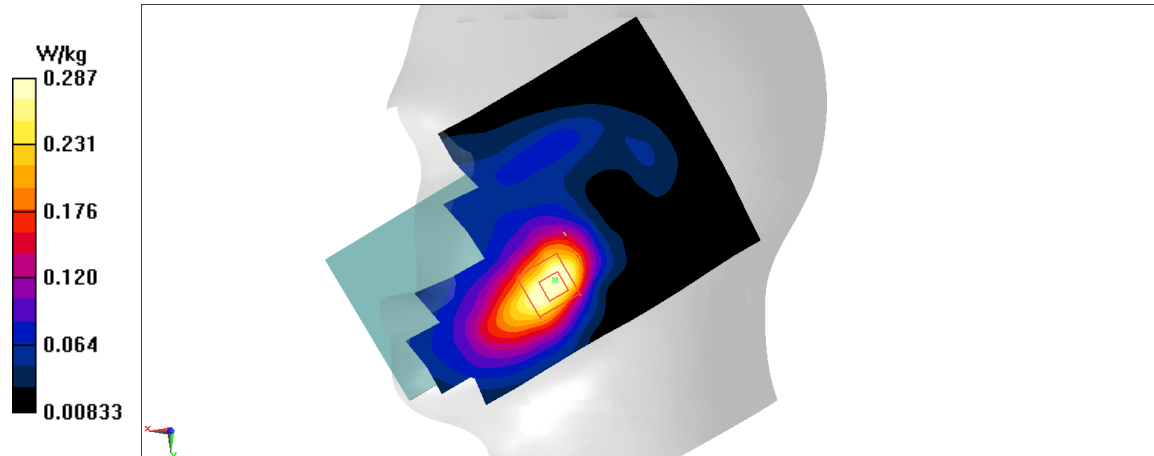
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.353 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.333 W/kg

**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.14 W/kg**

Maximum value of SAR (measured) = 0.287 W/kg

**Fig A.96**



**LTE1900-FDD25\_CH26140 Bottom Edge 15mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.573$  S/m;  $\epsilon_r = 53.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1900-FDD25 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.834 W/kg

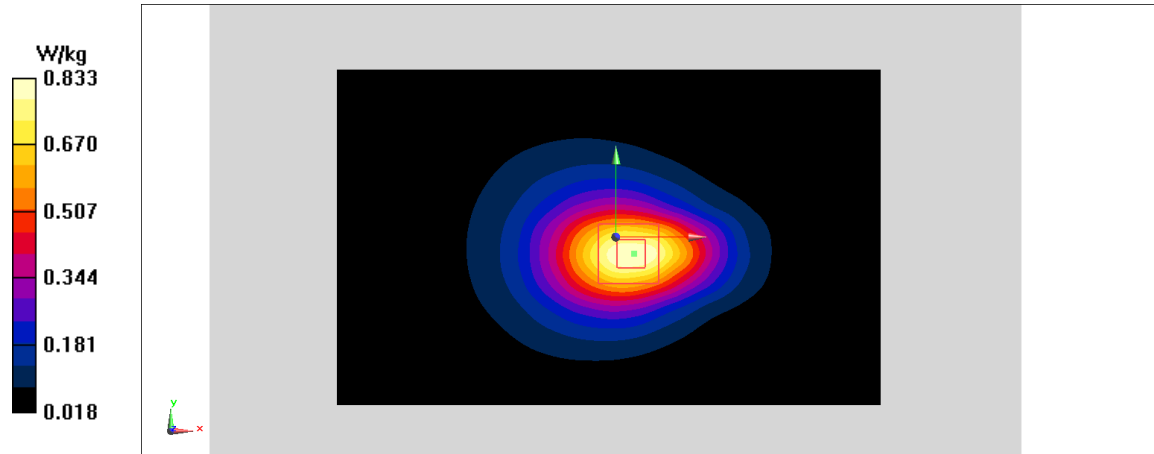
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.06 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.987 W/kg

**SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.346 W/kg**

Maximum value of SAR (measured) = 0.833 W/kg

**Fig A.97**

**LTE1900-FDD25\_CH26140 Bottom Edge 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.573$  S/m;  $\epsilon_r = 53.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1900-FDD25 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.54 W/kg

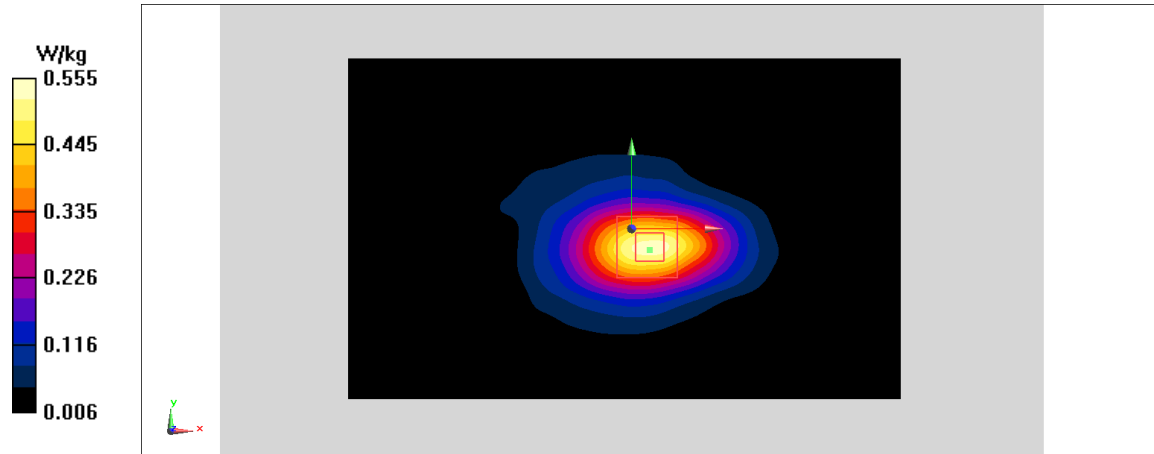
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.98 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.658 W/kg

**SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.285 W/kg**

Maximum value of SAR (measured) = 0.555 W/kg

**Fig A.98**

**LTE850-FDD26\_CH26965 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.857$  S/m;  $\epsilon_r = 43.178$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE850-FDD26 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.146 W/kg

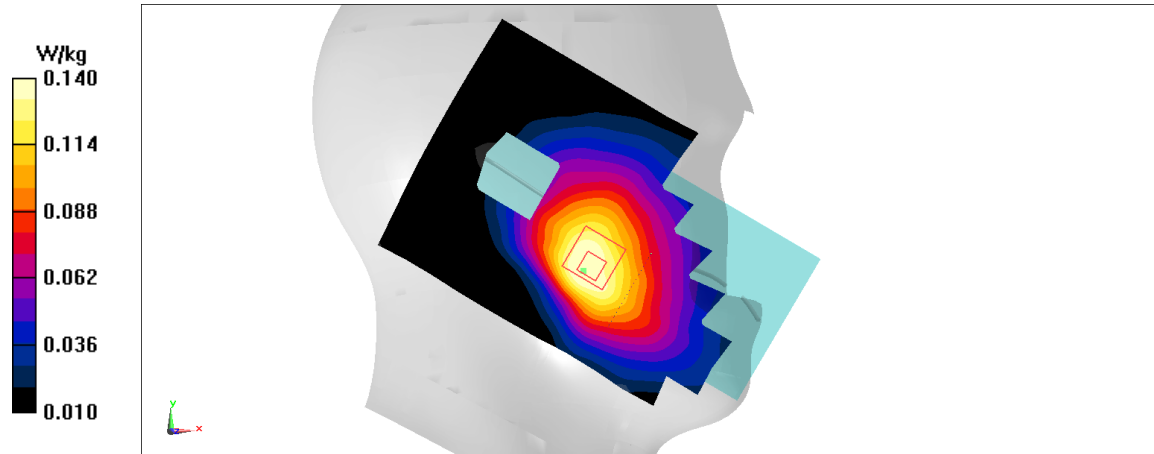
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.468 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.14 W/kg

**Fig A.99**

**LTE850-FDD26\_CH26965 Rear 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 55.775$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE850-FDD26 841.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.234 W/kg

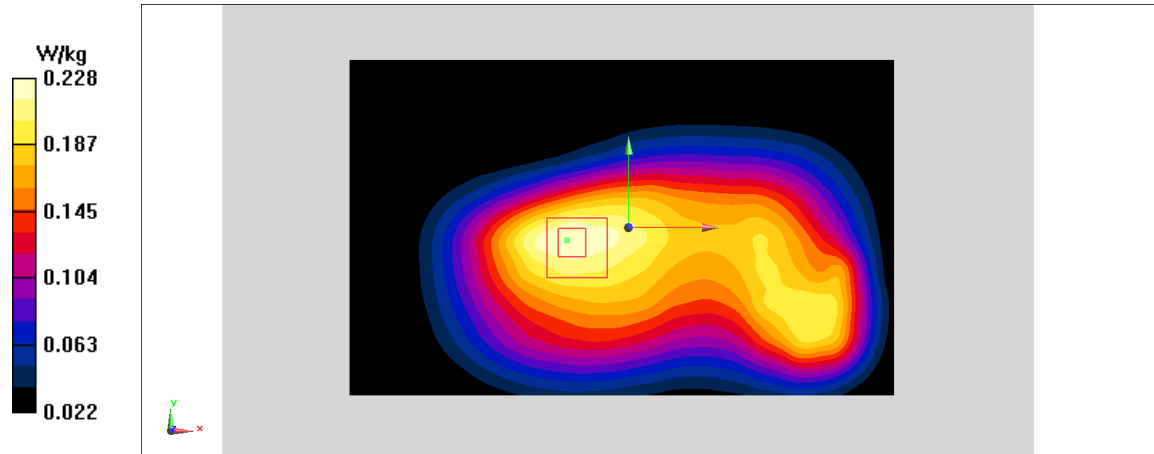
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.37 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.251 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.139 W/kg**

Maximum value of SAR (measured) = 0.228 W/kg

**Fig A.100**

**LTE2500-TDD41\_CH41490 Left Cheek**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: head 2600 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.019$  mho/m;  $\epsilon_r = 38.76$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2680 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(6.92,6.92,6.92)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

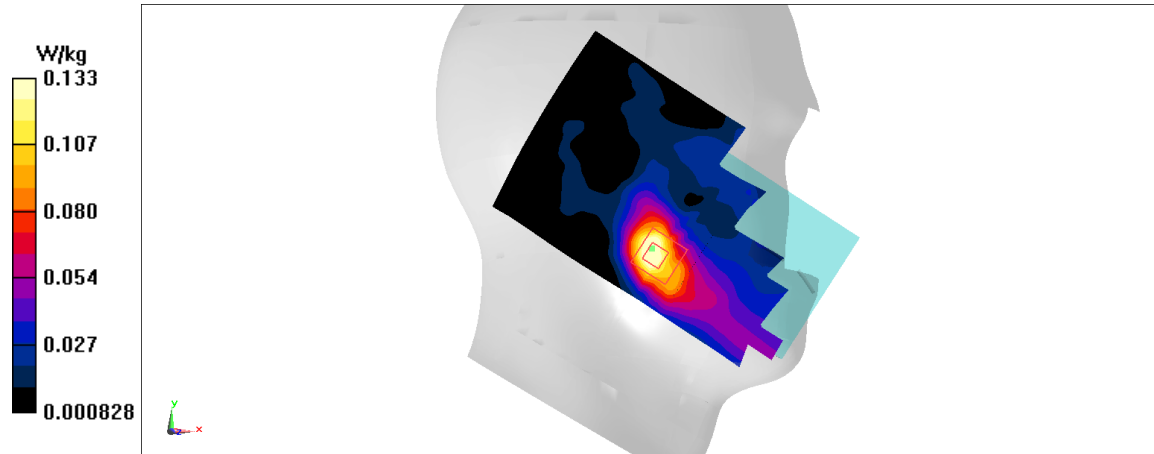
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.452 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.159 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.049 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg

**Fig A.104**

**LTE2500-TDD41\_CH41490 Bottom Edge 15mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.254$  mho/m;  $\epsilon_r = 53.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2680 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = W/kg

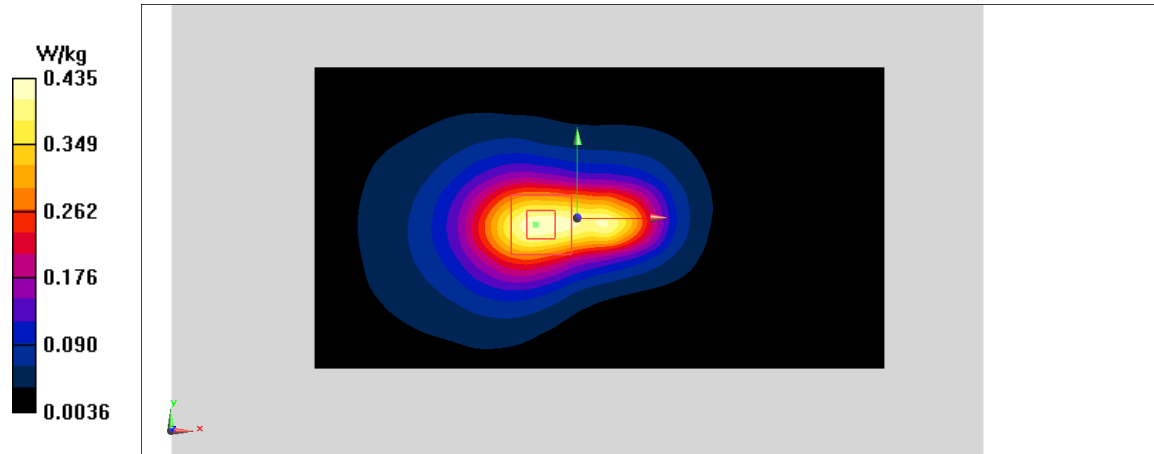
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.151 W/kg**

Maximum value of SAR (measured) = W/kg

**Fig A.105**

**LTE2500-TDD41\_CH41490 Bottom Edge 10mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.254$  mho/m;  $\epsilon_r = 53.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2680 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = W/kg

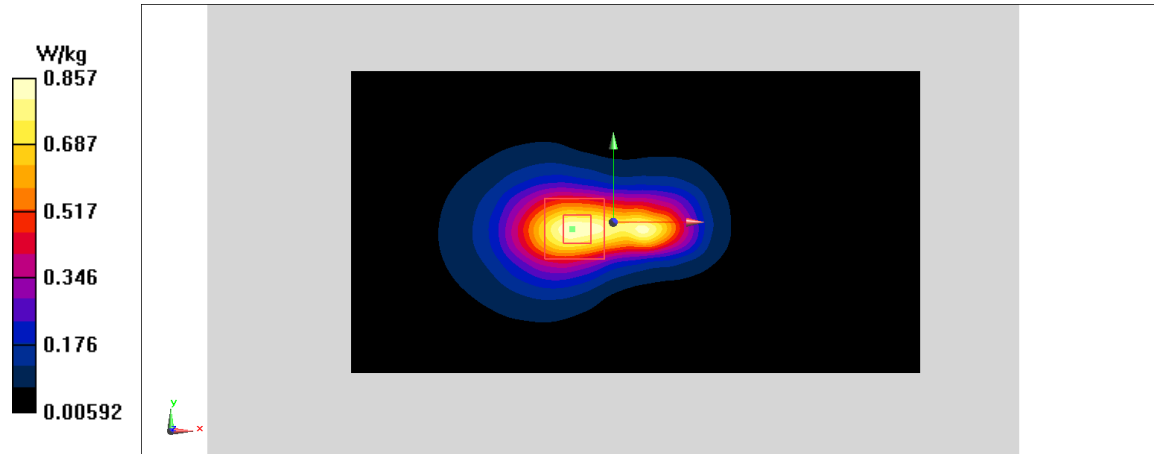
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = W/kg

**SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = W/kg

**Fig A.106**

**LTE2500-TDD41\_CH39750 Left Cheek**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: head 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.854$  mho/m;  $\epsilon_r = 38.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(6.92,6.92,6.92)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

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

Reference Value = 4.028 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.079 W/kg**

Maximum value of SAR (measured) = 0.2 W/kg

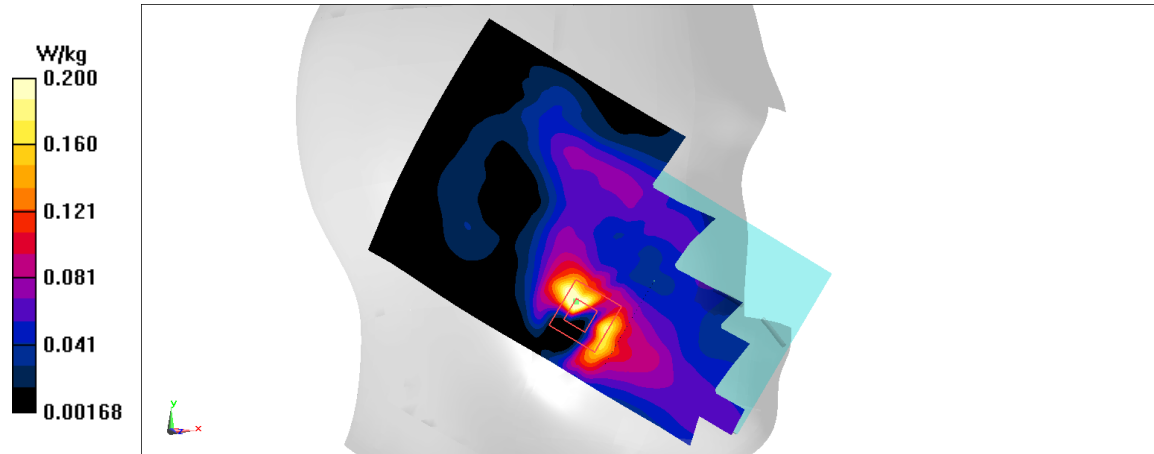


Fig A.107



**LTE2500-TDD41\_CH39750 Bottom Edge 15mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.089$  mho/m;  $\epsilon_r = 53.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2506 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.565 W/kg

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

Reference Value = 12.33 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.677 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.21 W/kg**

Maximum value of SAR (measured) = 0.568 W/kg

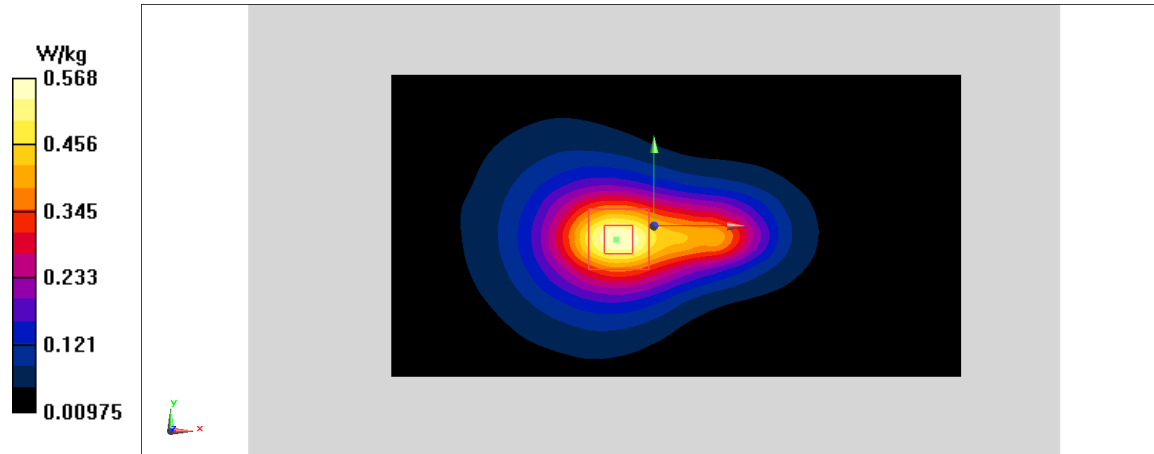


Fig A.108

**LTE2500-TDD41\_CH41490 Bottom Edge 10mm**

Date: 10/7/2019

Electronics: DAE4 Sn771

Medium: body 2600 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.254$  mho/m;  $\epsilon_r = 53.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE2500-TDD41 2680 MHz Duty Cycle: 1:1.58

Probe: EX3DV4 – SN3617 ConvF(7.06,7.06,7.06)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.268 W/kg

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

Reference Value = 8.677 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.33 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.17 W/kg**

Maximum value of SAR (measured) = 0.266 W/kg

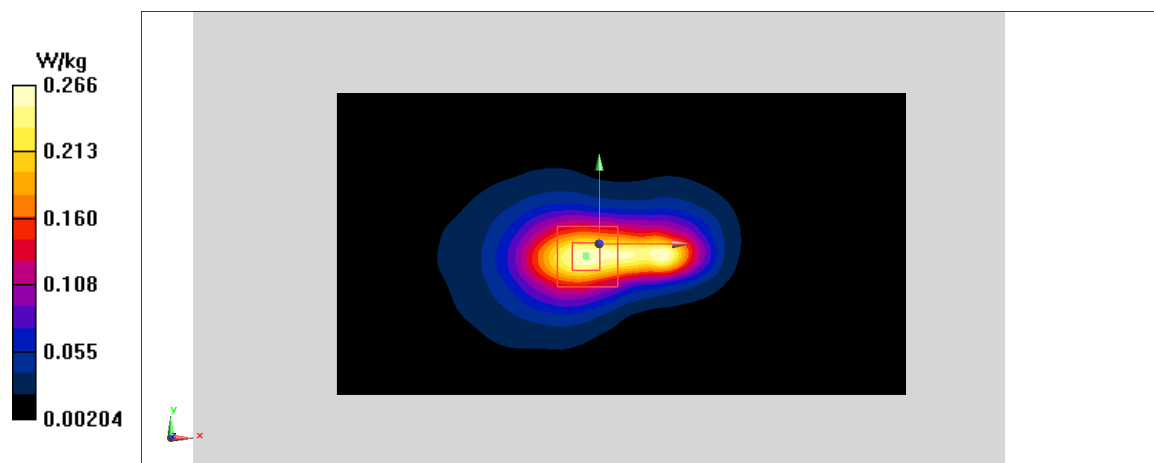


Fig A.109

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: head 1750 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.266$  mho/m;  $\epsilon_r = 38.73$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1700-FDD66 2680 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.38,8.38,8.38)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.256 W/kg

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

Reference Value = 6.335 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.28 W/kg

**SAR(1 g) = 0.19 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 0.245 W/kg

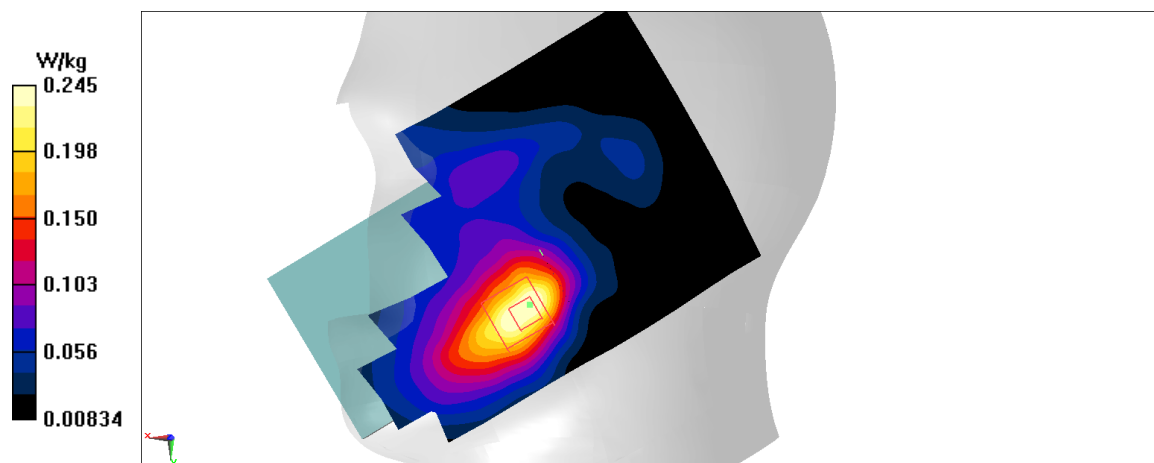


Fig A.110

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: body 1750 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.36$  mho/m;  $\epsilon_r = 52.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1700-FDD66 2680 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.03,8.03,8.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.702 W/kg

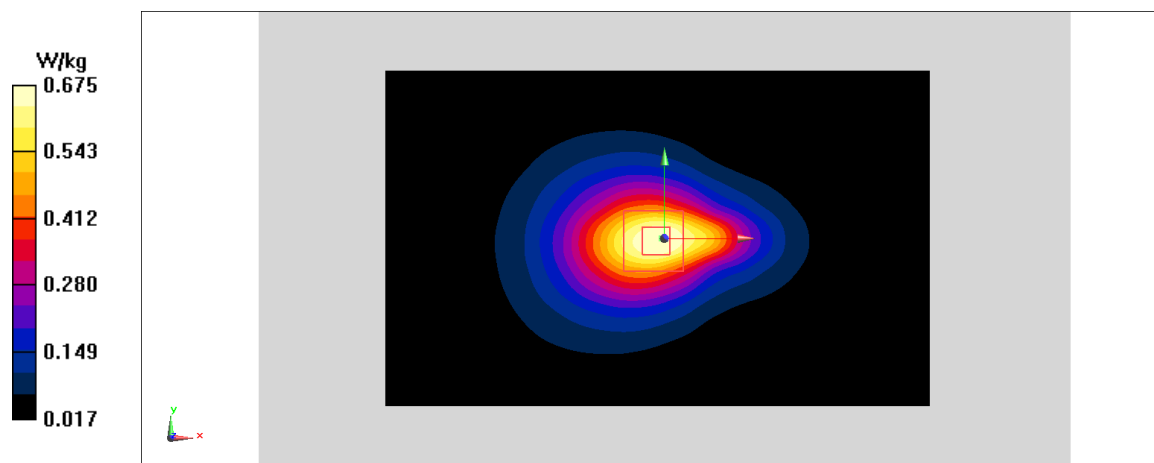
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.799 W/kg

**SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.675 W/kg



**Fig A.111**

**LTE1700-FDD66\_CH132072 Bottom Edge 10mm**

Date: 10/3/2019

Electronics: DAE4 Sn771

Medium: body 1750 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.36$  mho/m;  $\epsilon_r = 52.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE1700-FDD66 2680 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(8.03,8.03,8.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

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

Reference Value = 23.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.443 W/kg**

Maximum value of SAR (measured) = 1.07 W/kg

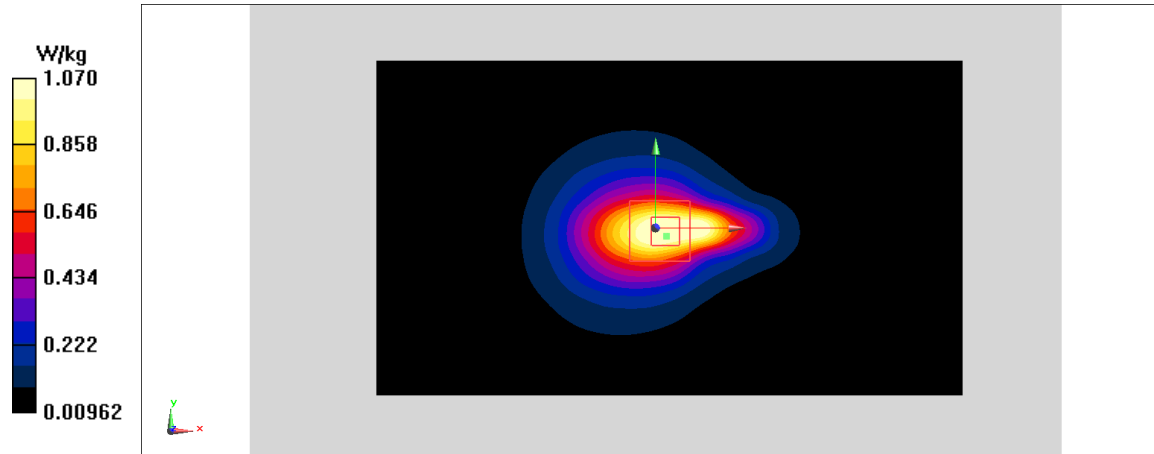


Fig A.112

**LTE700-FDD71\_CH133222 Left Cheek**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: head 750 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.714$  mho/m;  $\epsilon_r = 39.39$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD71 2680 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(10.03,10.03,10.03)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0816 W/kg

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

Reference Value = 3.84 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.09 W/kg

**SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.0849 W/kg

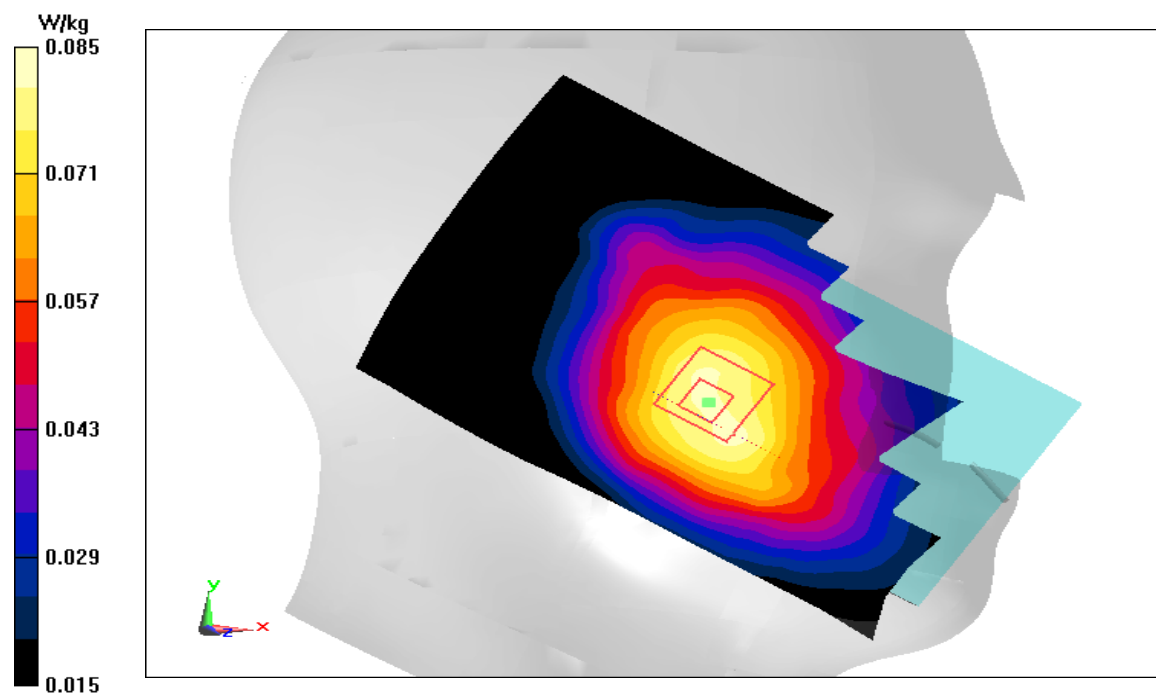


Fig A.113

**LTE700-FDD71\_CH133222 Rear 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.796$  mho/m;  $\epsilon_r = 54.01$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: LTE700-FDD71 2680 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.166 W/kg

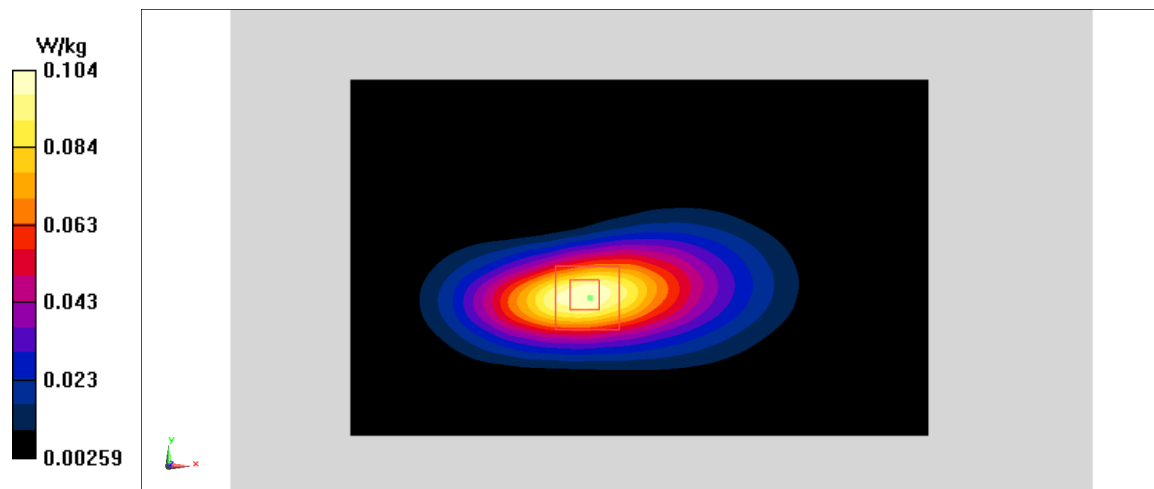
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.17 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.12 W/kg

**SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.104 W/kg

**Fig A.114**

**WLAN2450\_CH11 Left Cheek**

Date: 10/6/2019

Electronics: DAE4 Sn771

Medium: head 2450 MHz

Medium parameters used:  $f = 2462$ ;  $\sigma = 1.798$  mho/m;  $\epsilon_r = 38.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WLAN2450 2462 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.62,7.62,7.62)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.682 W/kg

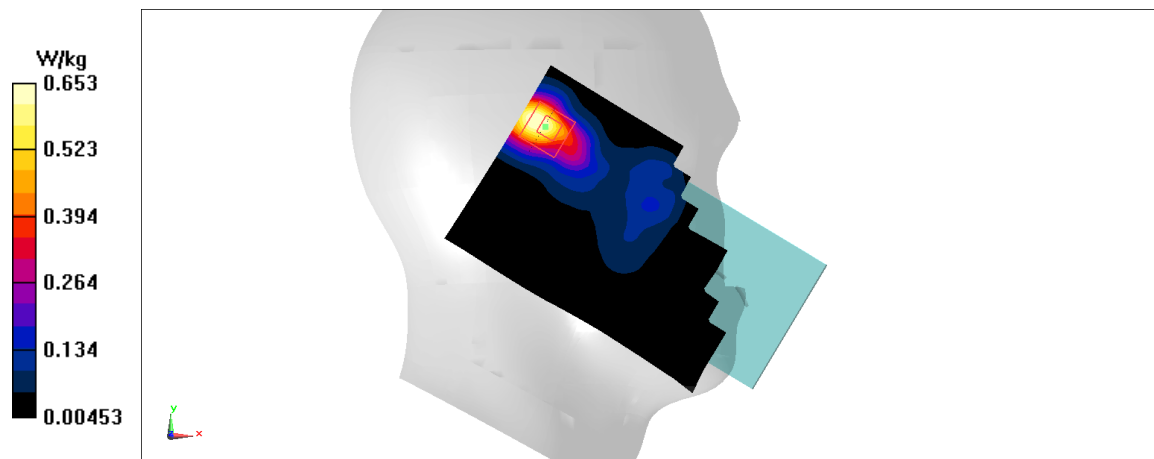
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.271 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.869 W/kg

**SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.2 W/kg**

Maximum value of SAR (measured) = 0.653 W/kg

**Fig A.112**



**WLAN2450\_CH11 Rear 10mm**

Date: 10/6/2019

Electronics: DAE4 Sn771

Medium: body 2450 MHz

Medium parameters used:  $f = 2462$ ;  $\sigma = 1.982$  mho/m;  $\epsilon_r = 52.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: WLAN2450 2462 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(7.79,7.79,7.79)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

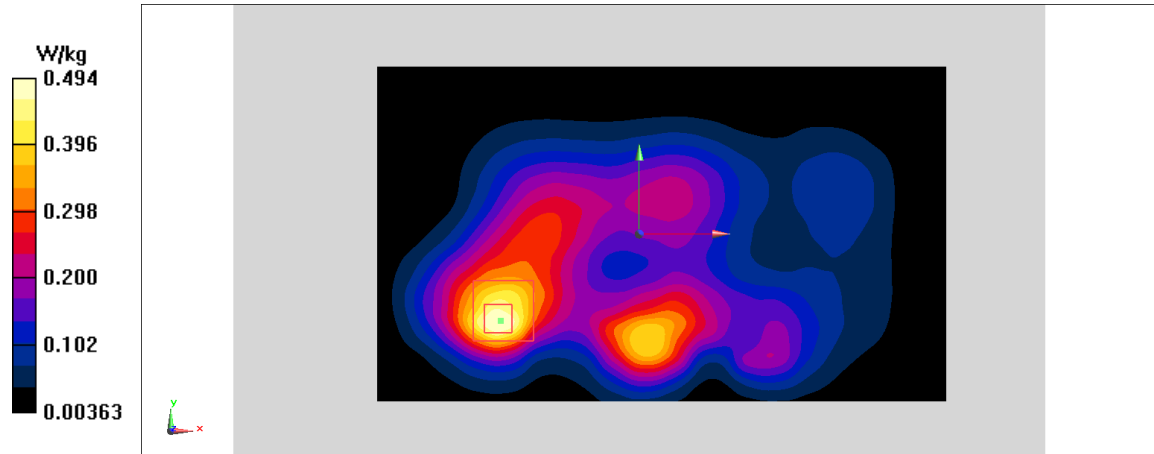
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.353 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.633 W/kg

**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.494 W/kg

**Fig A.113**

**UNII-1\_CH142 Left Tilt**

Date: 10/8/2019

Electronics: DAE4 Sn771

Medium: head 5250 MHz

Medium parameters used:  $f = 5710$ ;  $\sigma = 5.161$  mho/m;  $\epsilon_r = 35.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: UNII-1 5710 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(5.39,5.39,5.39)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.66 W/kg

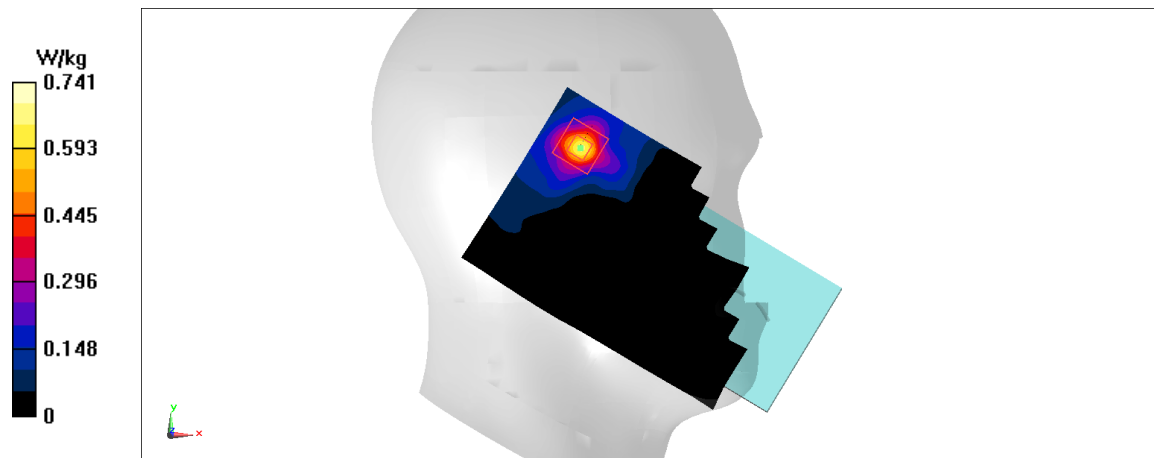
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.785 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.3 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.741 W/kg

**Fig A.114**

**UNII-3\_CH155 Rear 10mm**

Date: 10/10/2019

Electronics: DAE4 Sn771

Medium: body 5750 MHz

Medium parameters used:  $f = 5775$ ;  $\sigma = 5.409$  mho/m;  $\epsilon_r = 47.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: UNII-3 5775 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(4.36,4.36,4.36)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

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

Reference Value = 3.12 V/m; Power Drift =0.08 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.130 W/kg**

Maximum value of SAR (measured) = 1.07 W/kg

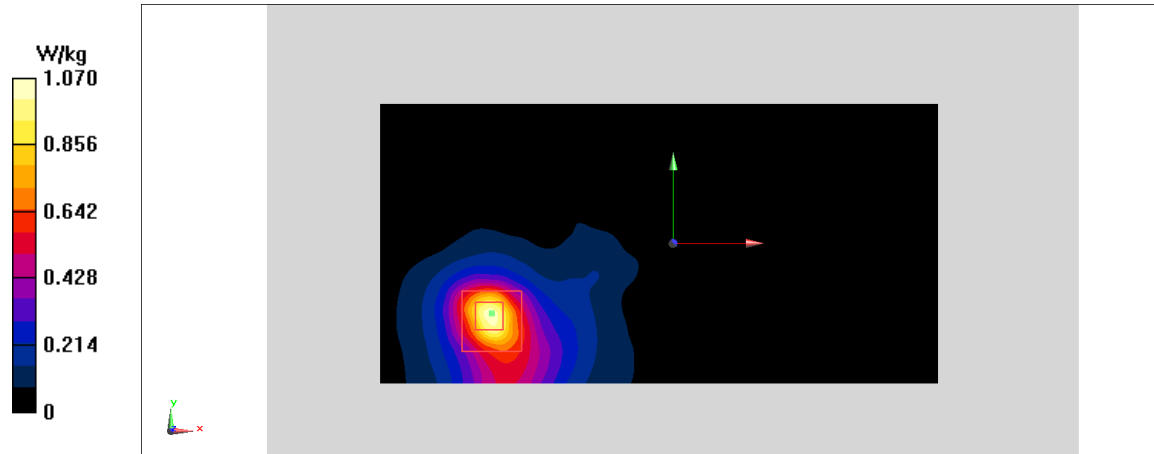


Fig A.115

**UNII-3\_CH159 Rear 15mm**

Date: 10/10/2019

Electronics: DAE4 Sn771

Medium: body 5750 MHz

Medium parameters used:  $f = 5795$ ;  $\sigma = 5.447$  mho/m;  $\epsilon_r = 47.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: UNII-3 5795 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(4.36,4.36,4.36)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

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

Reference Value = 2.671 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 1.1 W/kg

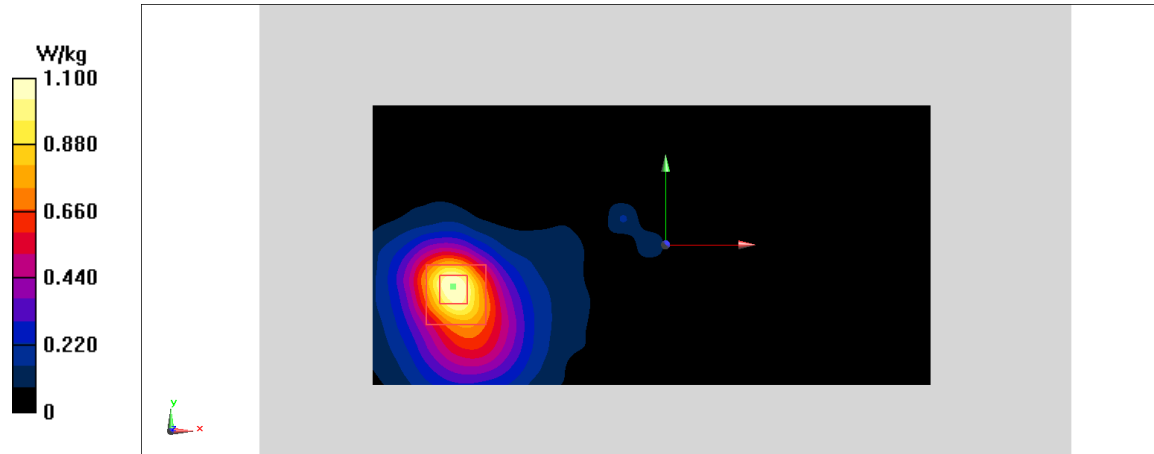


Fig A.116

**UNII-3\_CH38 Rear 15mm**

Date: 10/10/2019

Electronics: DAE4 Sn771

Medium: body 5750 MHz

Medium parameters used:  $f = 5190$ ;  $\sigma = 4.872$  mho/m;  $\epsilon_r = 48.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: UNII-3 5190 Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(4.36,4.36,4.36)

**Area Scan (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

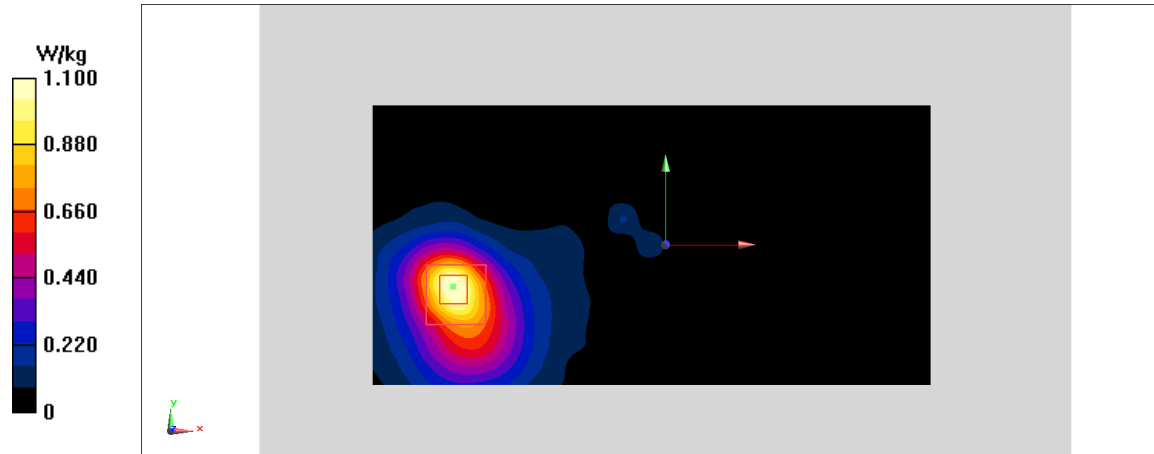
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.671 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 1.1 W/kg

**Fig A.117**

**N71\_CH137600 Right Check**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 688$  MHz;  $\sigma = 0.819$  mho/m;  $\epsilon_r = 41.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: n71 704 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (81x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.625 W/kg

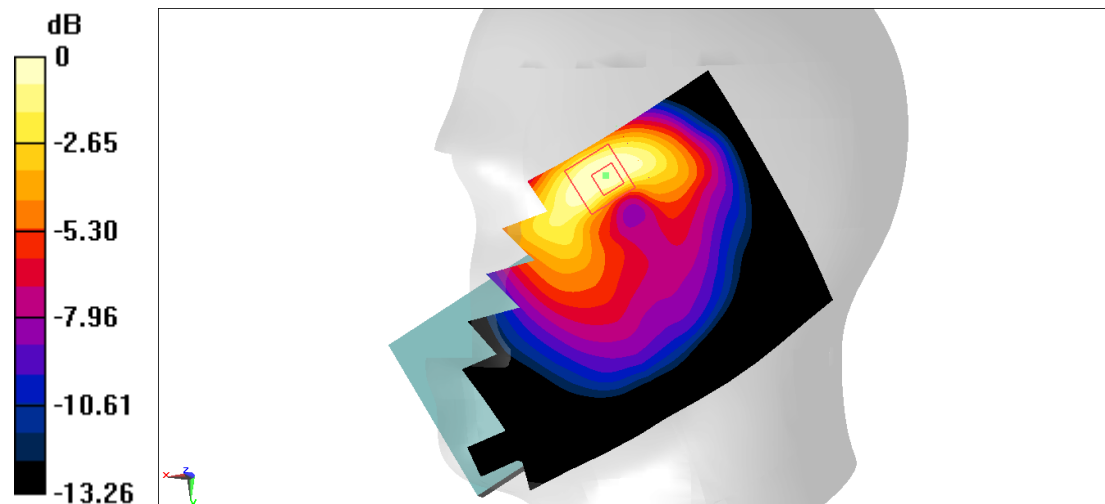
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.522 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.46 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.566 W/kg = -2.47 dBW/kg

**Fig A.118**

**N71\_CH137600 Left Edge 10mm**

Date: 10/1/2019

Electronics: DAE4 Sn771

Medium: body 750 MHz

Medium parameters used:  $f = 688$  MHz;  $\sigma = 0.887$  mho/m;  $\epsilon_r = 55.993$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.5°C, Liquid Temperature: 22.3°C

Communication System: n71 707.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3617 ConvF(9.85,9.85,9.85)

**Area Scan (171x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.575 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

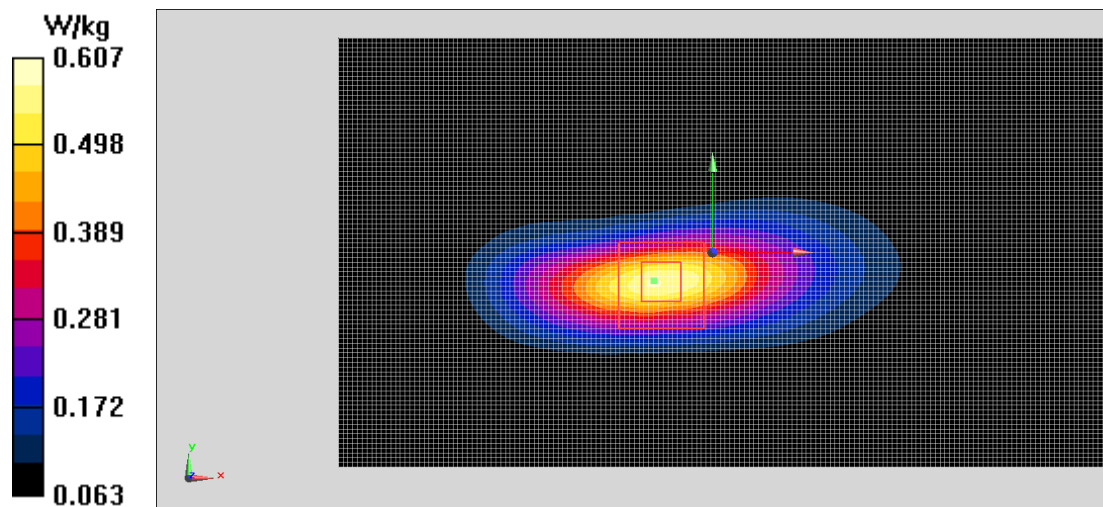
dz=1.4mm

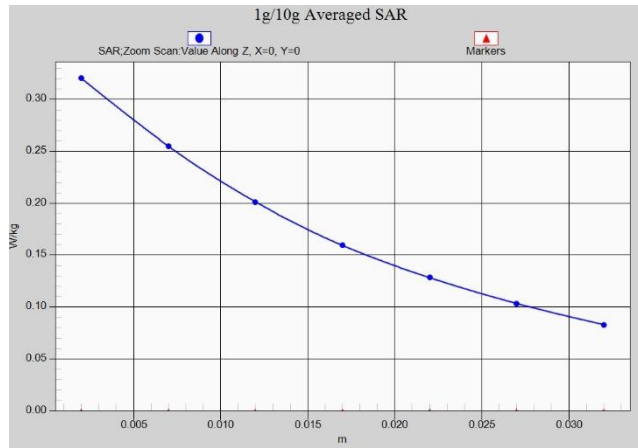
Reference Value = 20.37 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.756 W/kg

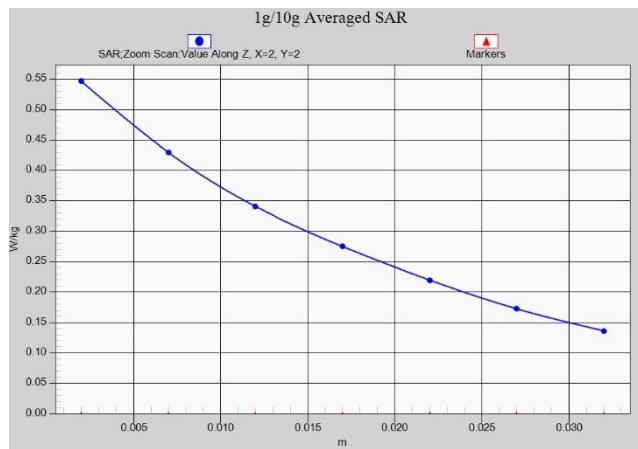
SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.607 W/kg

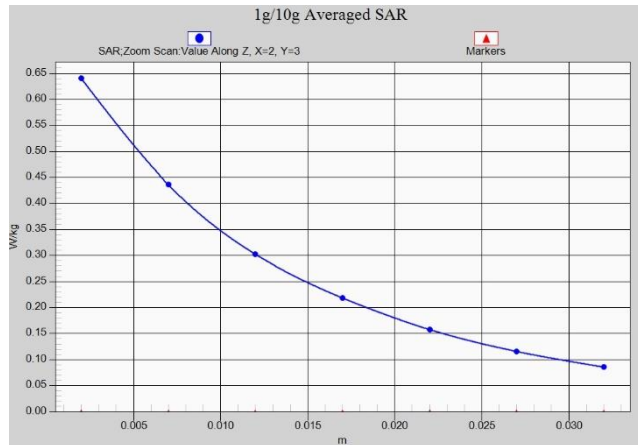
**Fig A.119**



**Z-Scan at power reference point (850 MHz)**

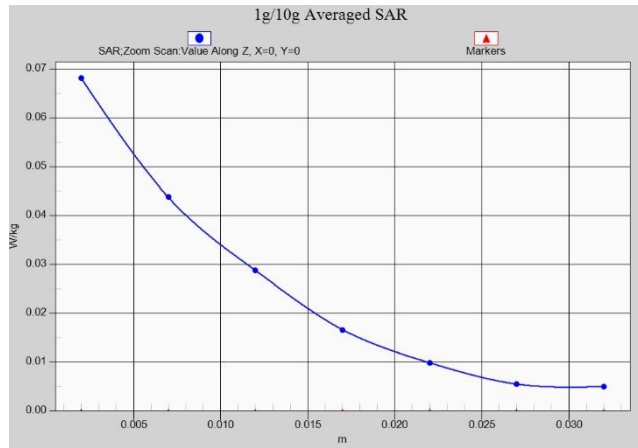


**Z-Scan at power reference point (850 MHz)**

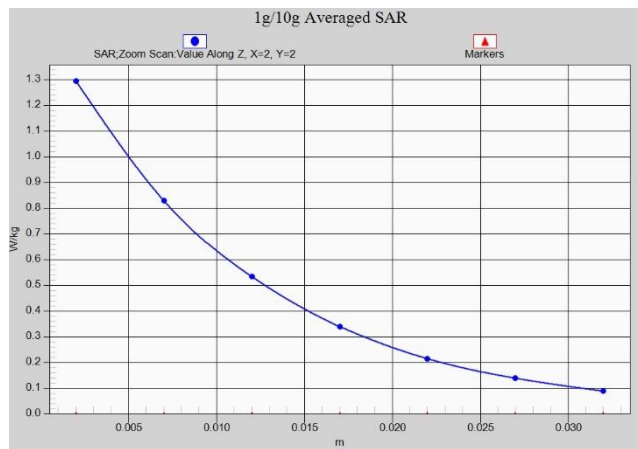


**Z-Scan at power reference point (850 MHz)**

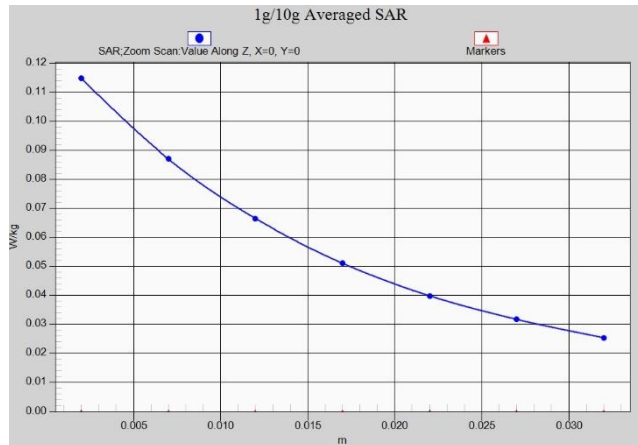




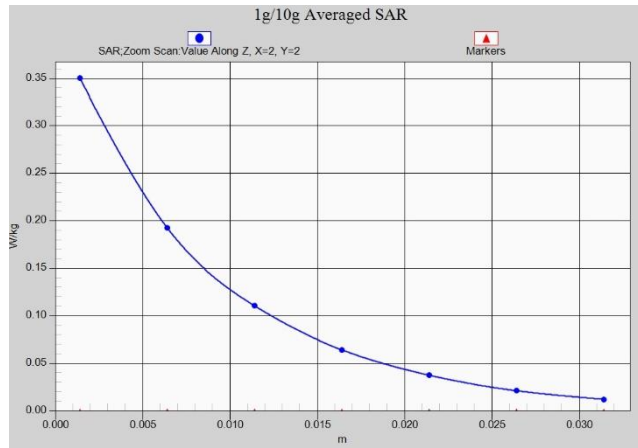
**Z-Scan at power reference point (1900 MHz)**



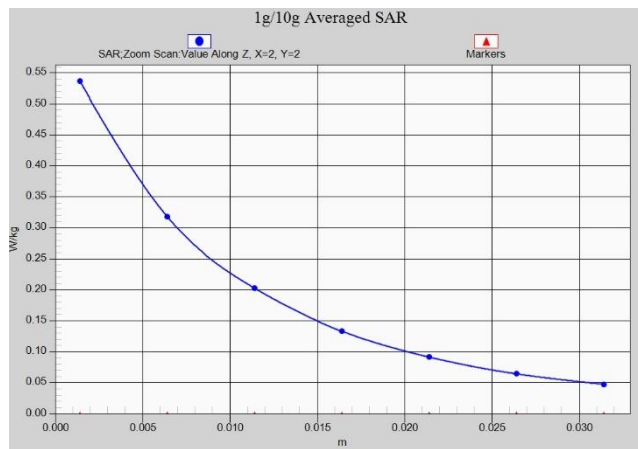
**Z-Scan at power reference point (1900 MHz)**



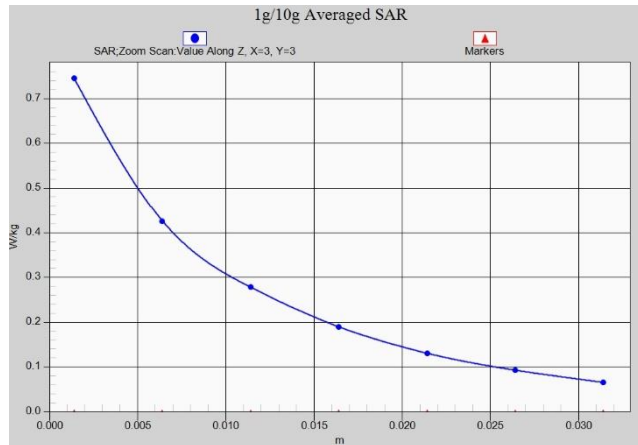
**Z-Scan at power reference point (GSM1900)**



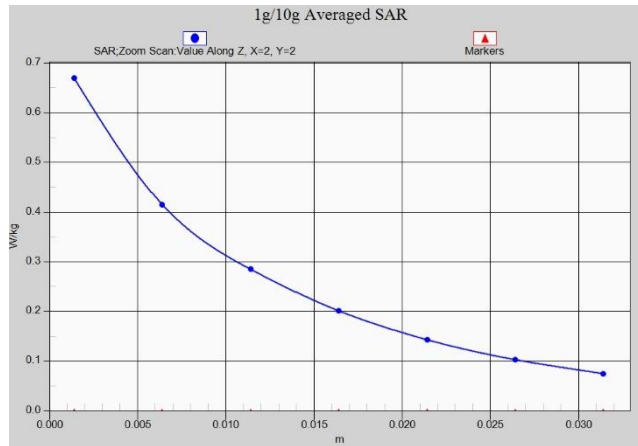
**Z-Scan at power reference point (GSM1900)**



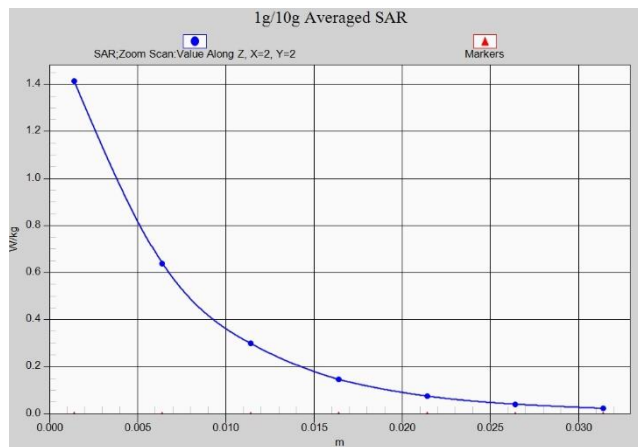
**Z-Scan at power reference point (GSM1900)**



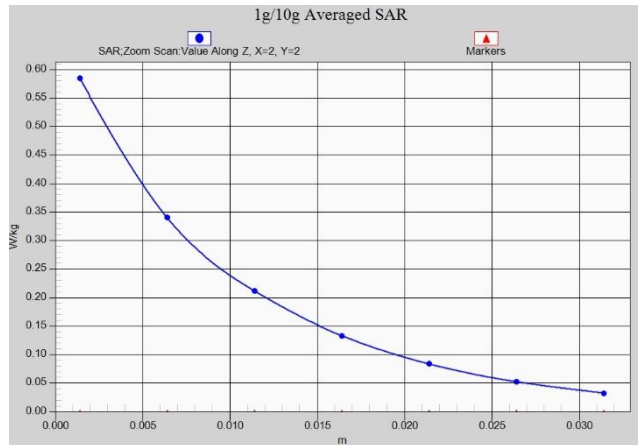
**Z-Scan at power reference point (WCDMA1900)**



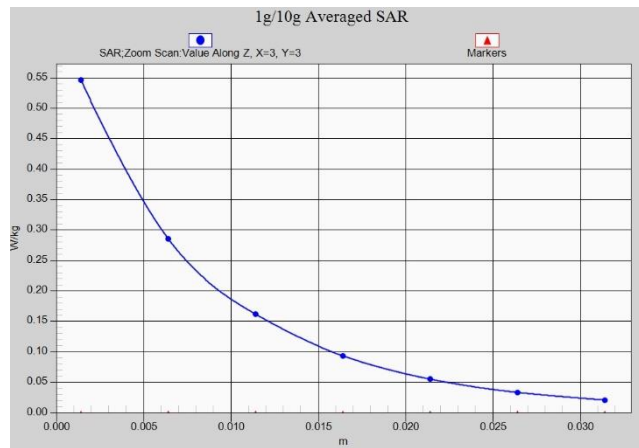
**Z-Scan at power reference point (WCDMA1900)**



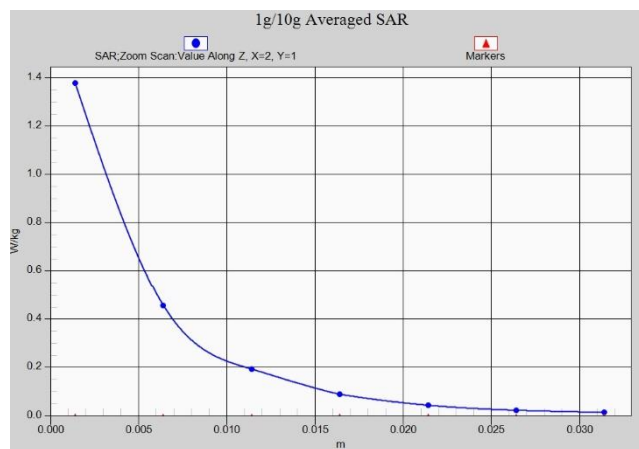
**Z-Scan at power reference point (WCDMA1900)**



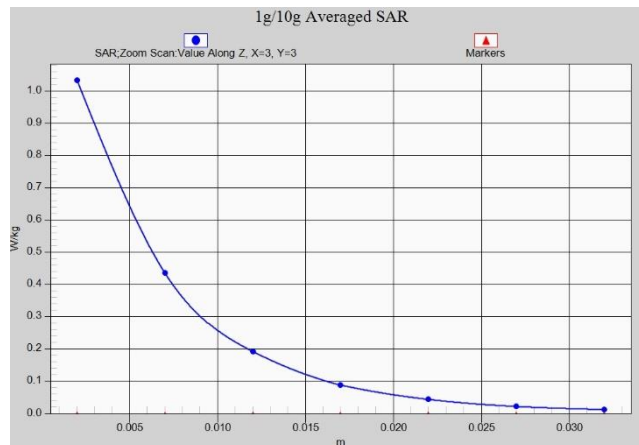
**Z-Scan at power reference point (WCDMA1700)**



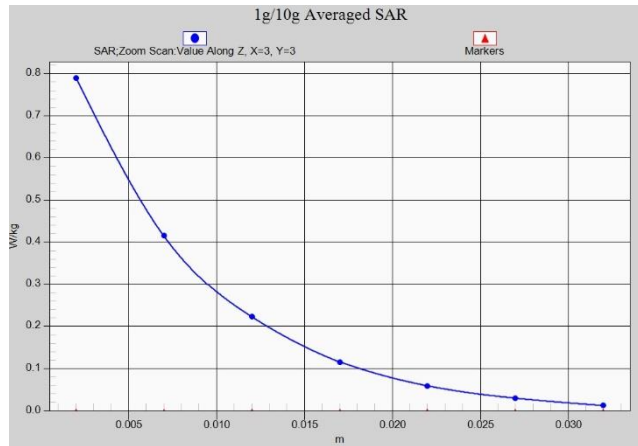
**Z-Scan at power reference point (WCDMA1700)**



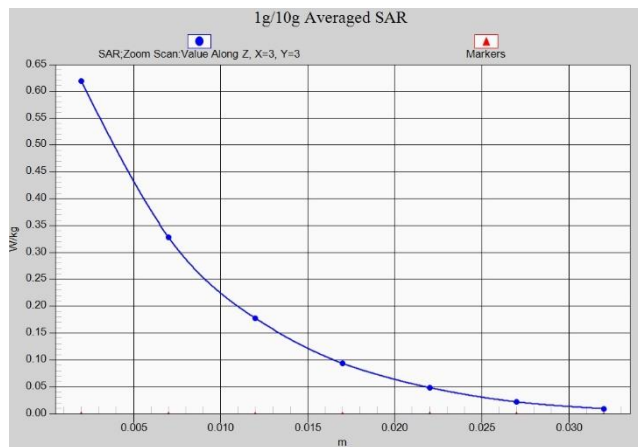
**Z-Scan at power reference point (WCDMA1700)**



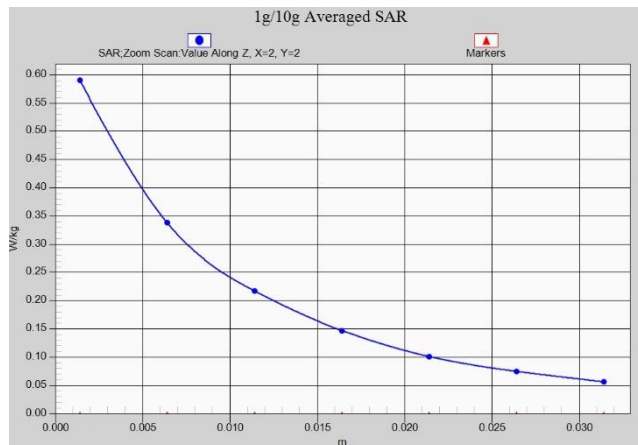
**Z-Scan at power reference point (WCDMA850)**



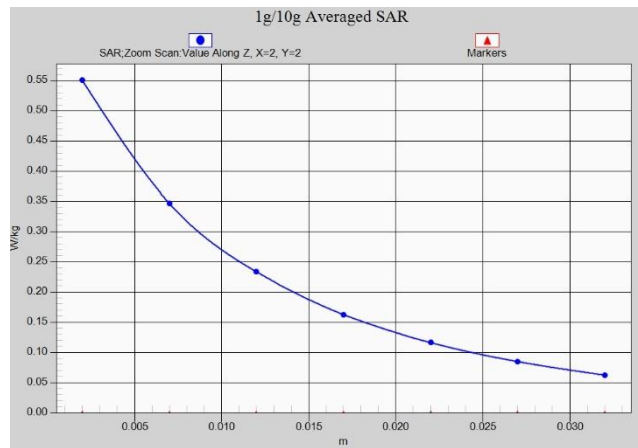
**Z-Scan at power reference point (WCDMA850)**



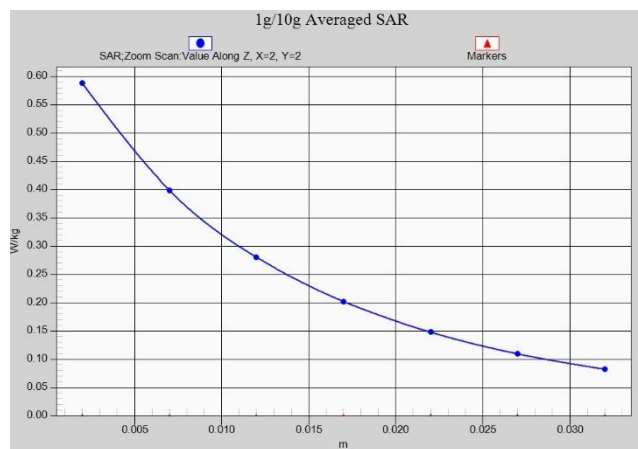
**Z-Scan at power reference point (WCDMA850)**



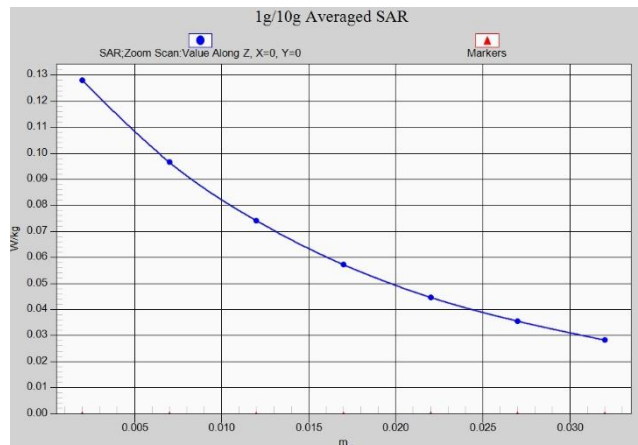
**Z-Scan at power reference point (CDMABC0)**



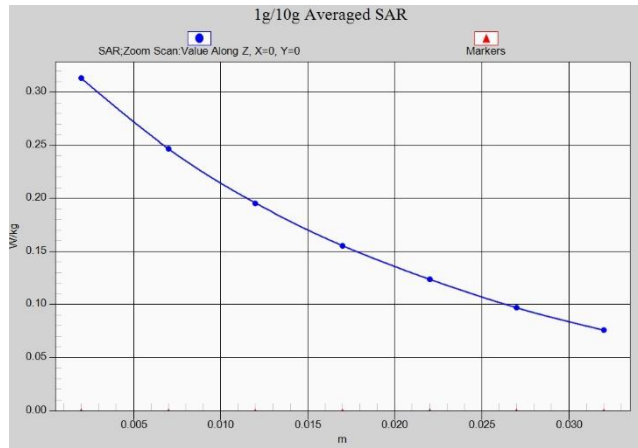
**Z-Scan at power reference point (CDMABC0)**



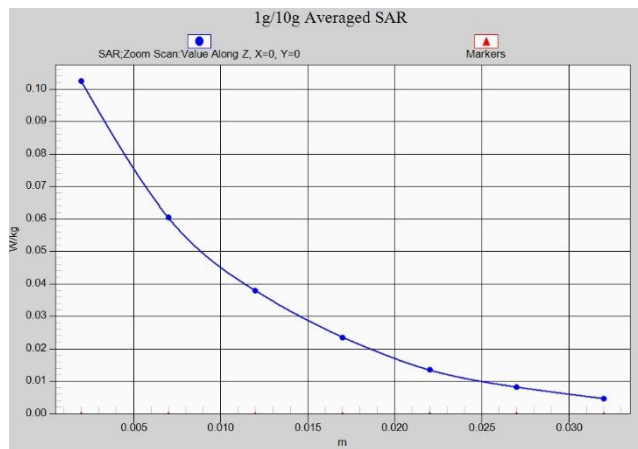
**Z-Scan at power reference point (CDMABC0)**



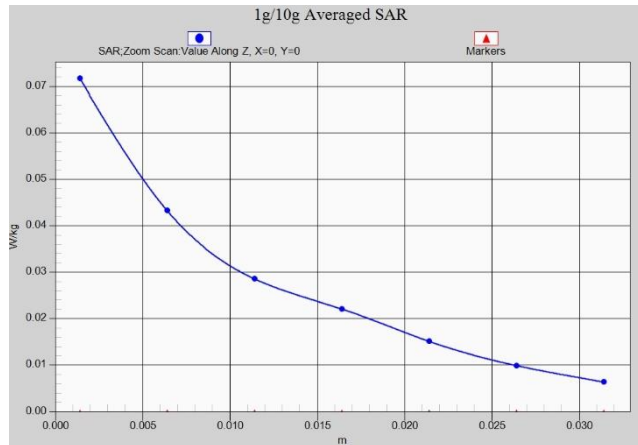
**Z-Scan at power reference point (CDMABC1)**



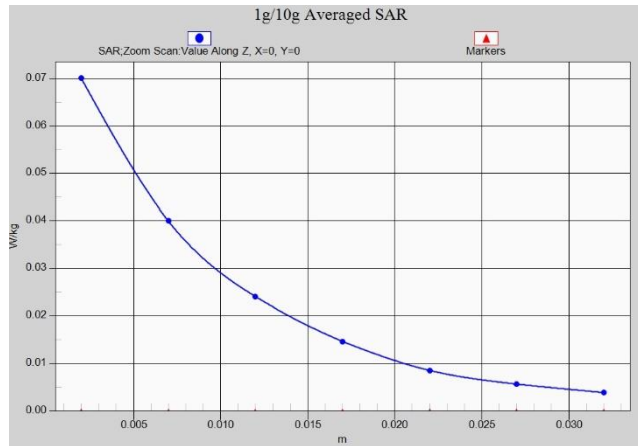
Z-Scan at power reference point (CDMABC1)



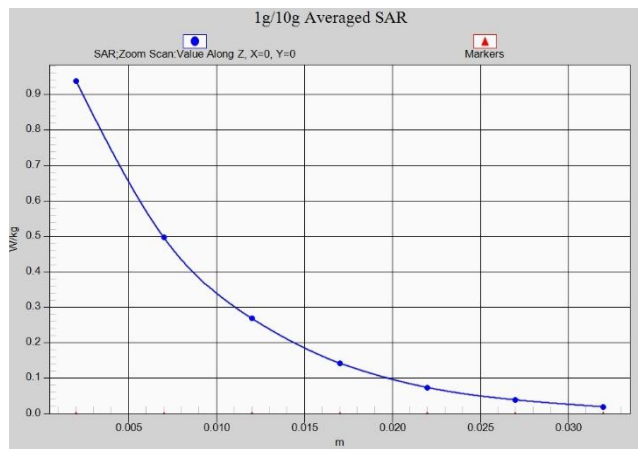
Z-Scan at power reference point (CDMABC1)



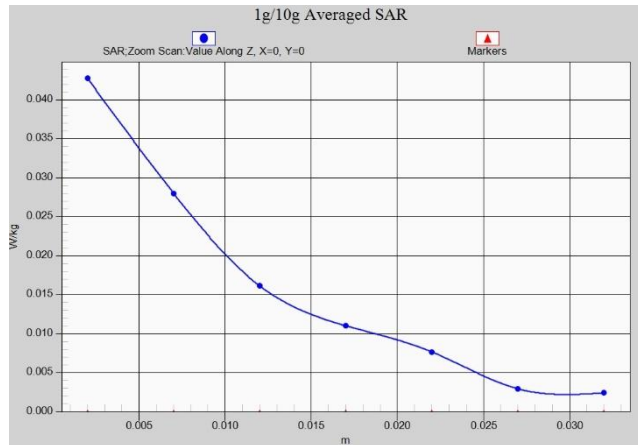
Z-Scan at power reference point (CDMABC10)



**Z-Scan at power reference point (CDMABC10)**

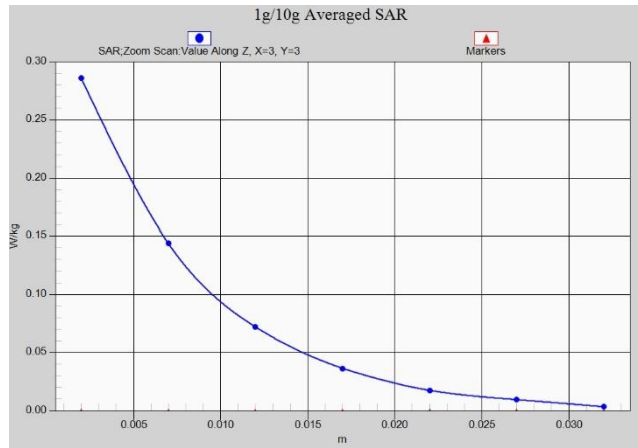


**Z-Scan at power reference point (CDMABC10)**

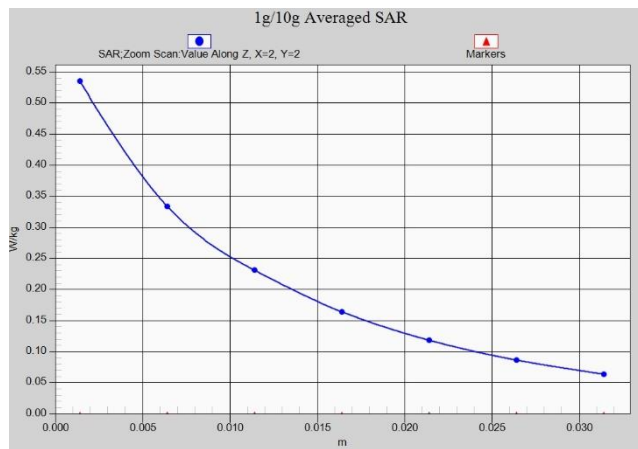


**Z-Scan at power reference point (LTEB2)**

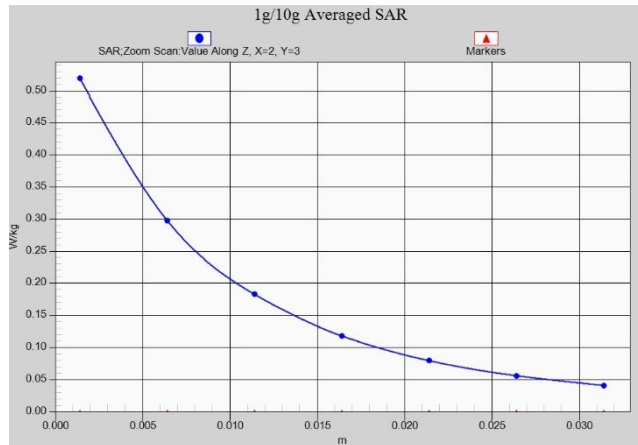




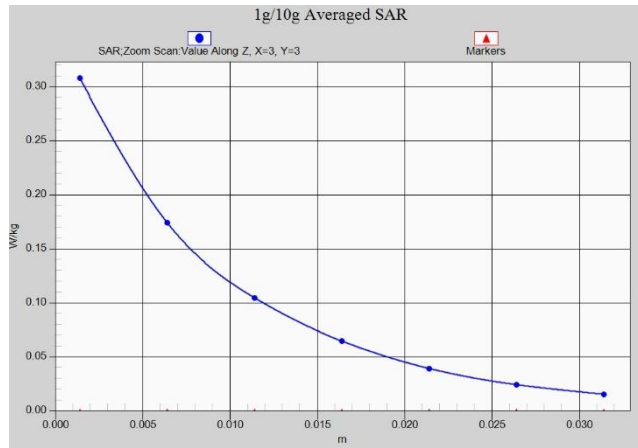
**Z-Scan at power reference point (LTEB2)**



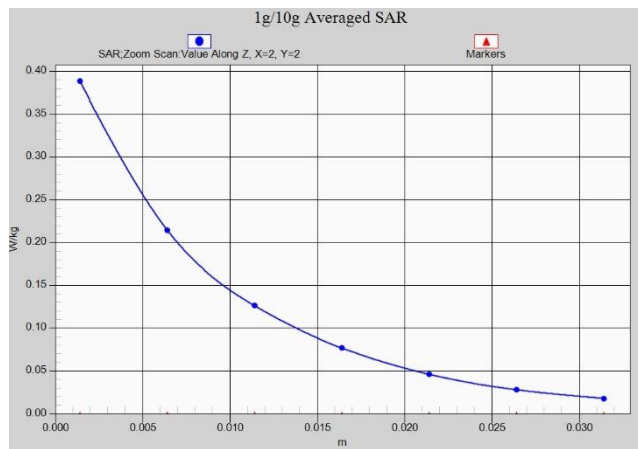
**Z-Scan at power reference point (LTEB7)**



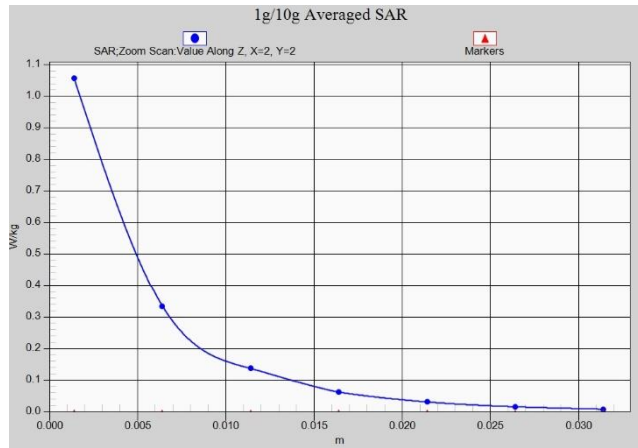
**Z-Scan at power reference point (LTEB7)**



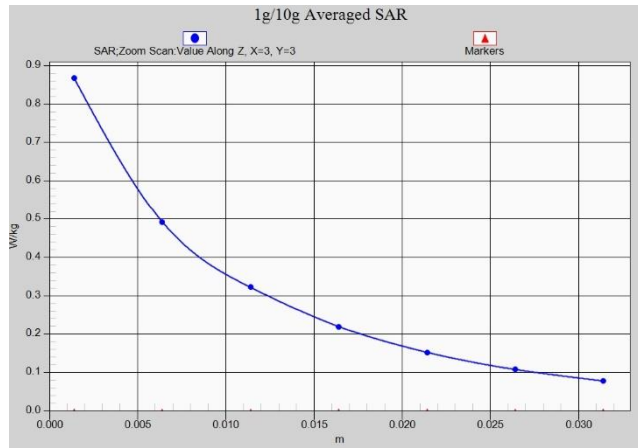
Z-Scan at power reference point (LTEB7)



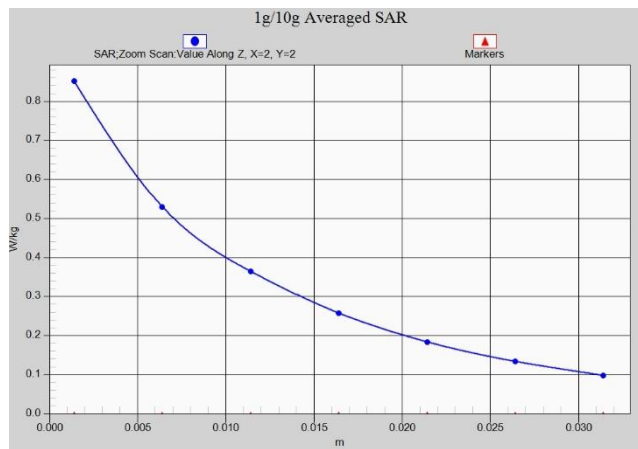
Z-Scan at power reference point (LTEB12)



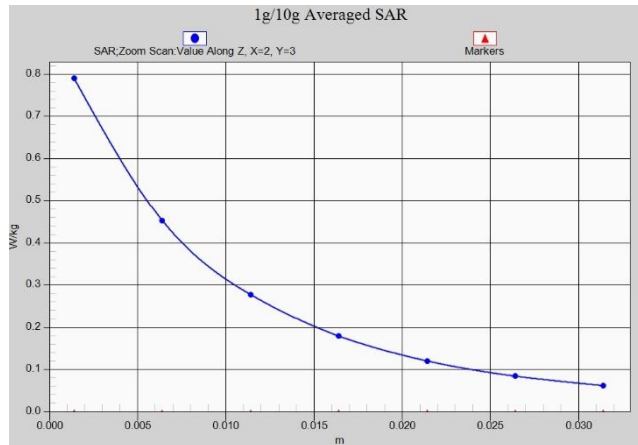
Z-Scan at power reference point (LTEB12)



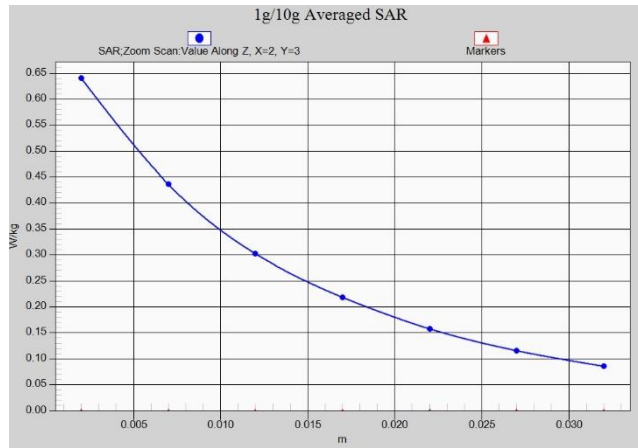
Z-Scan at power reference point (LTEB13)



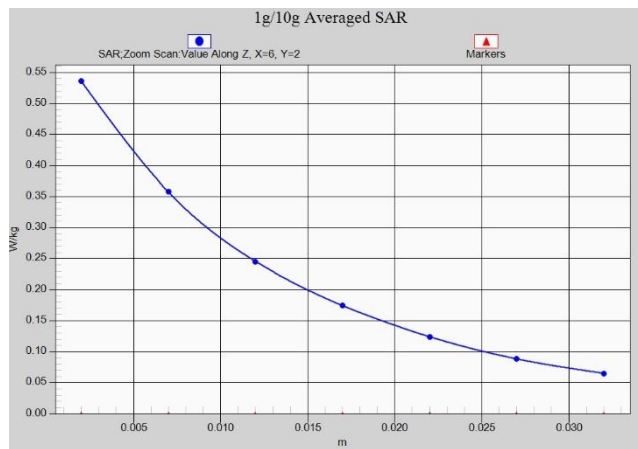
Z-Scan at power reference point (LTEB13)



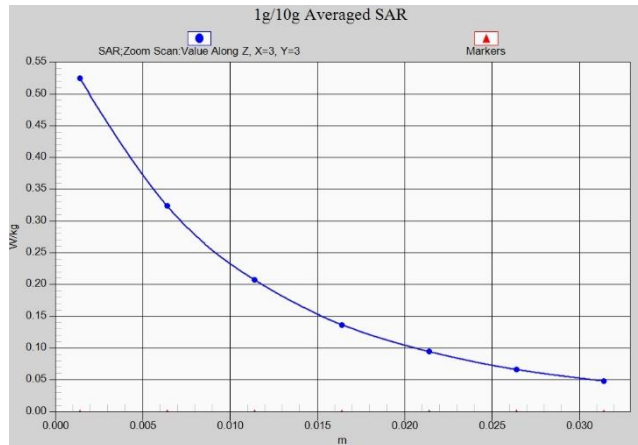
Z-Scan at power reference point (LTEB13)



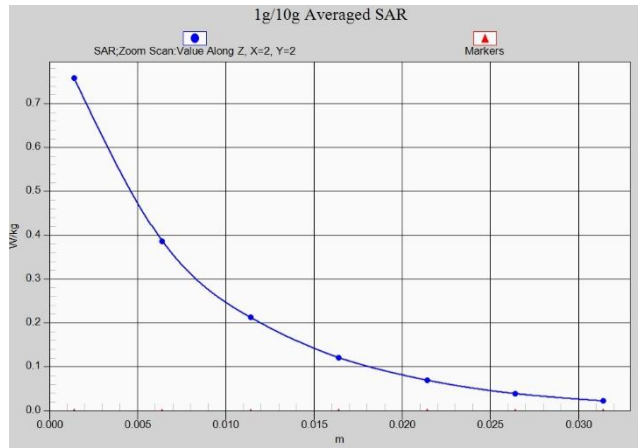
**Z-Scan at power reference point (LTEB14)**



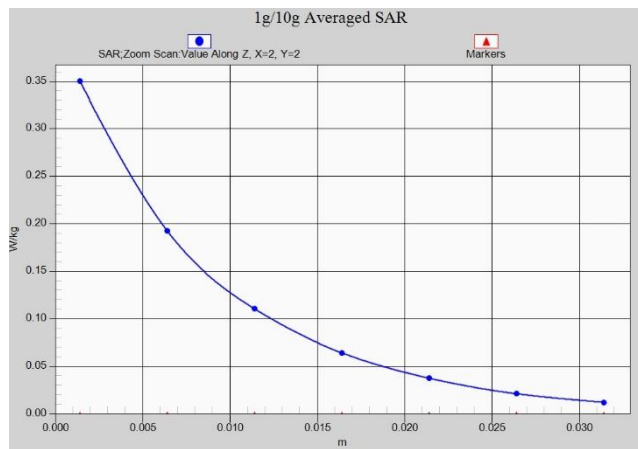
**Z-Scan at power reference point (LTEB14)**



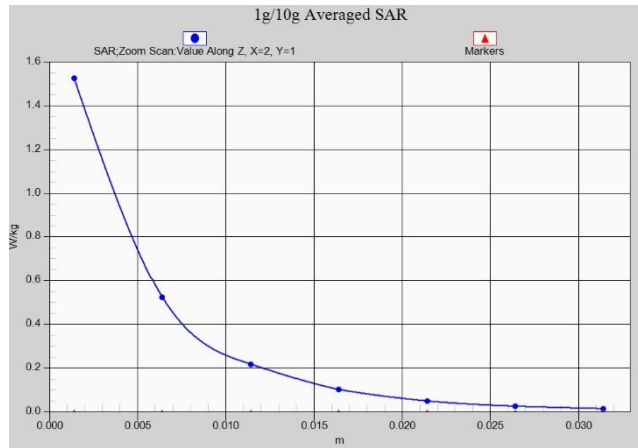
**Z-Scan at power reference point (LTEB14)**



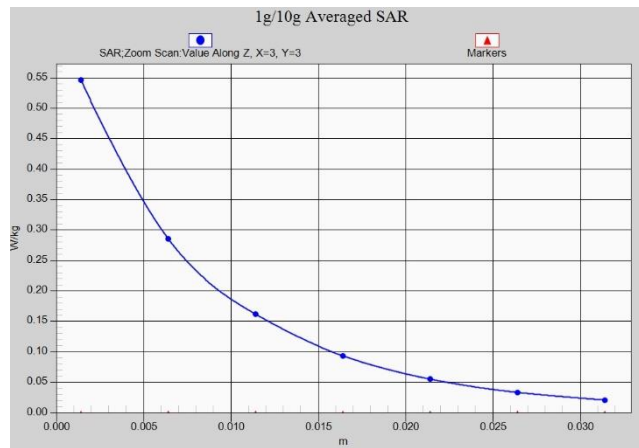
**Z-Scan at power reference point (LTEB25)**



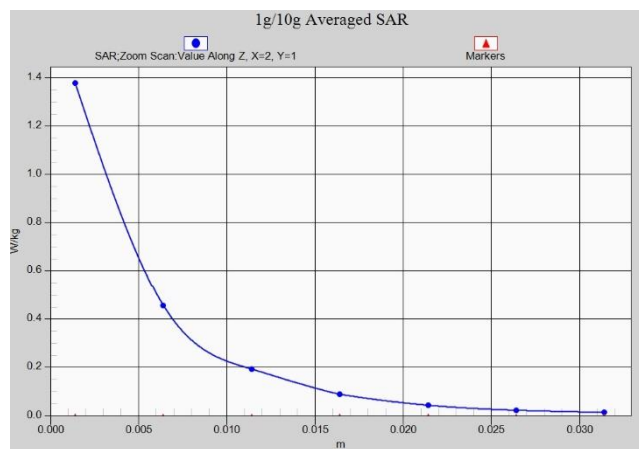
**Z-Scan at power reference point (LTEB25)**



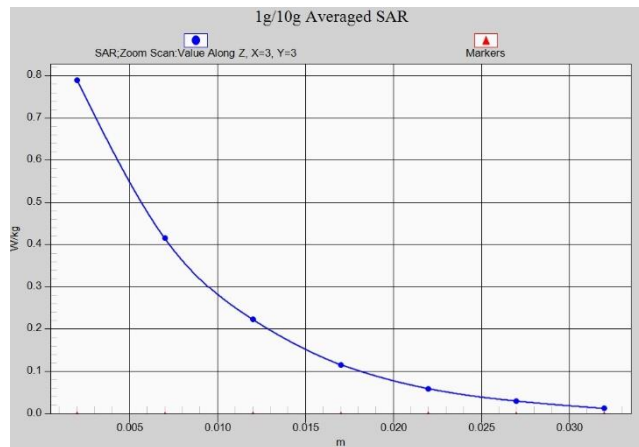
**Z-Scan at power reference point (LTEB25)**



**Z-Scan at power reference point (LTEB26)**



**Z-Scan at power reference point (LTEB26)**



**Z-Scan at power reference point (LTEB26)**