

LTE850-FDD5_CH20450 Right Tilt 1RB-Low

Date: 7/24/2023

Electronics: DAE4 Sn549

Medium: head 835 MHz

Medium parameters used: $f = 829$ MHz; $\sigma = 0.878$ mho/m; $\epsilon_r = 41.46$; $\rho = 1000$ kg/m³

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

Communication System: LTE850-FDD5 829 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(8.50,9.01,9.47)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.15 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 0.614 W/kg

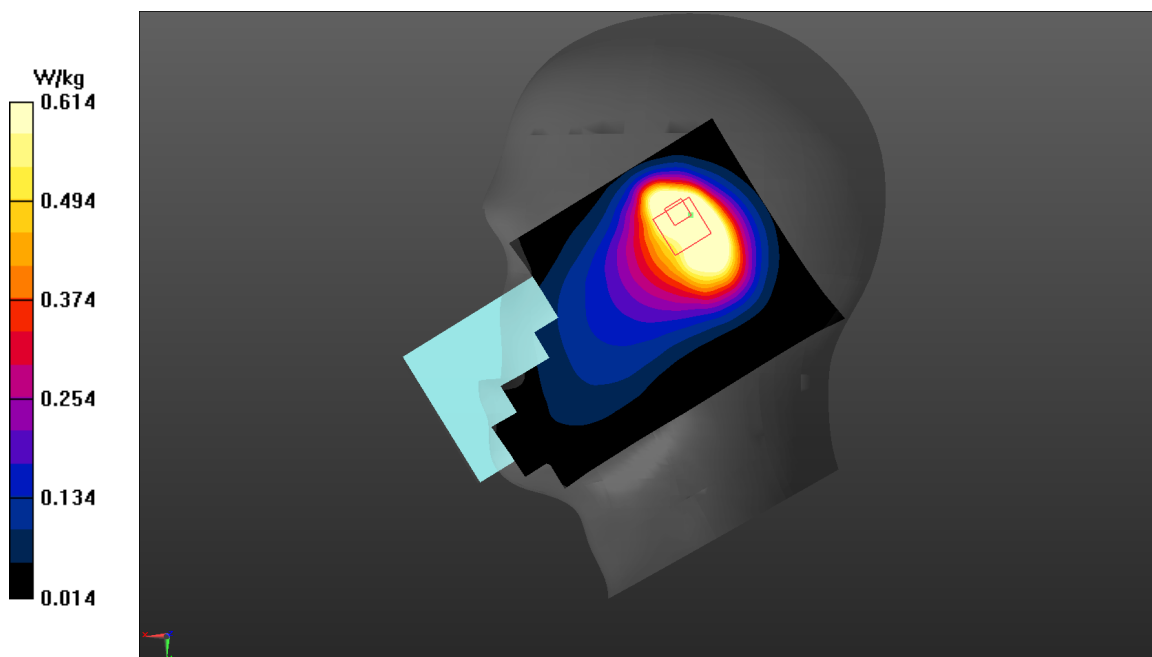


Fig A.17

LTE850-FDD5_CH20450 Rear 1RB-Low 10mm

Date: 7/24/2023

Electronics: DAE4 Sn549

Medium: body 835 MHz

Medium parameters used: $f = 829$ MHz; $\sigma = 0.878$ mho/m; $\epsilon_r = 41.46$; $\rho = 1000$ kg/m³

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

Communication System: LTE850-FDD5 829 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(8.50,9.01,9.47)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.335 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.98 V/m; Power Drift = -0.22 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.32 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.335 W/kg

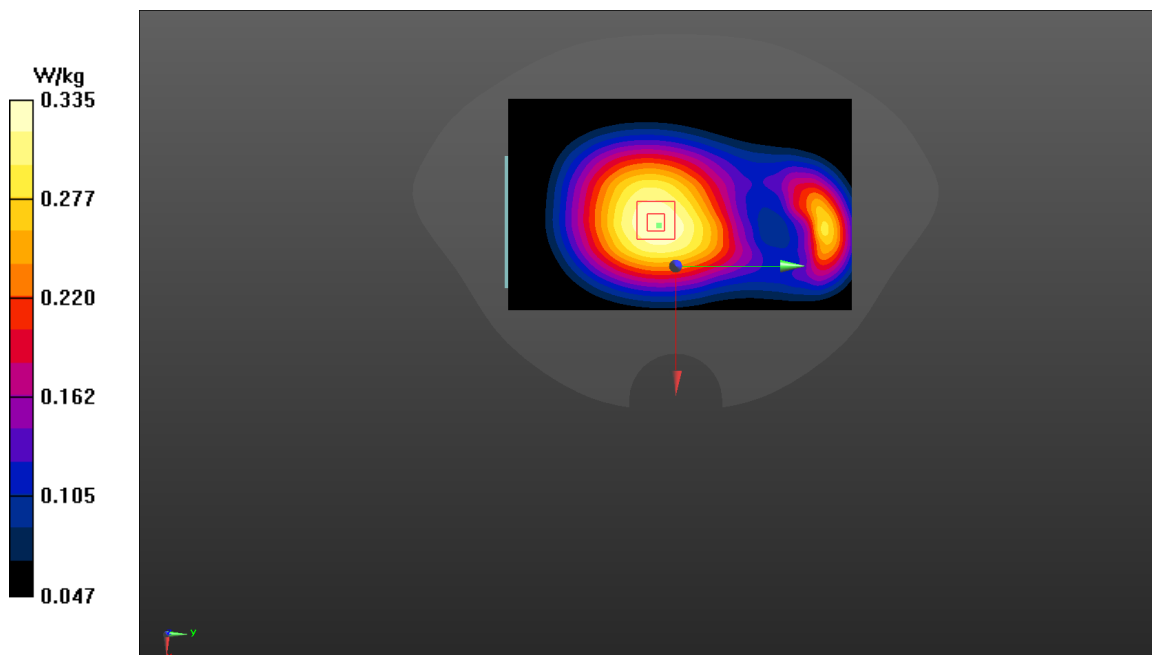


Fig A.18

LTE2500-FDD7_CH21350 Left Cheek 1RB-Low

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: head 2600 MHz

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 38.51$; $\rho = 1000$ kg/m³

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

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

Probe: EX3DV4 – SN3846 ConvF(6.72,7.04,7.50)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0942 W/kg

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

Reference Value = 0.602 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0832 W/kg

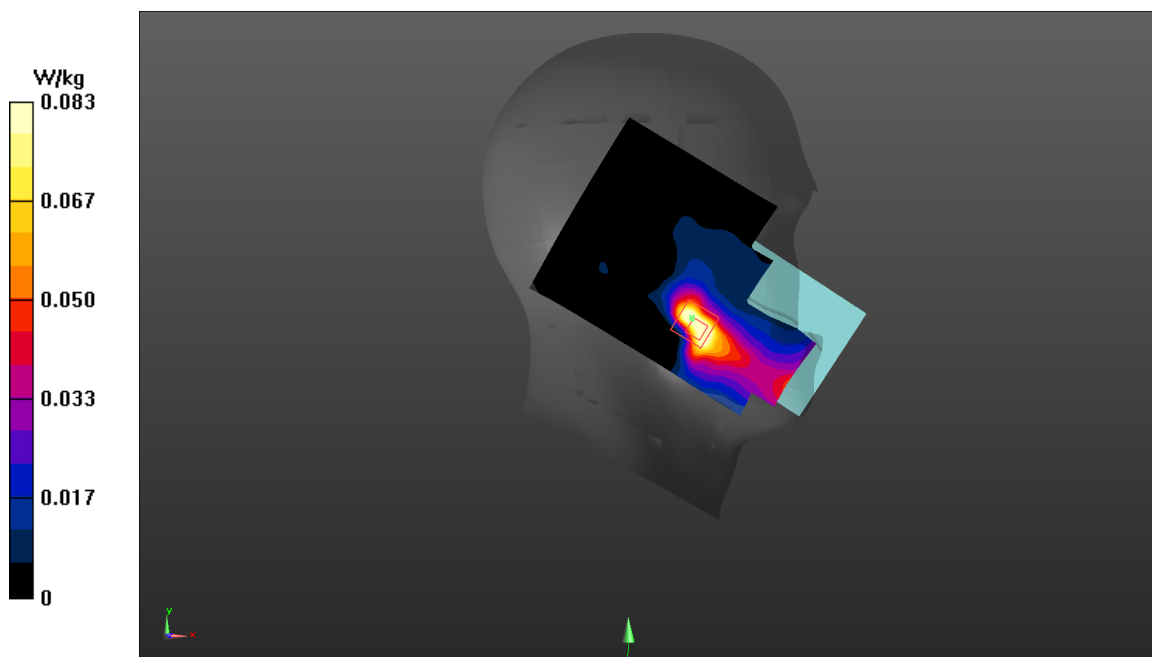


Fig A.19

LTE2500-FDD7_CH21350 Bottom Edge 1RB-Low 10mm

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: body 2600 MHz

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 38.51$; $\rho = 1000$ kg/m³

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

Communication System: LTE2500-FDD7 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(6.72,7.04,7.50)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.741 W/kg

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

Reference Value = 2.428 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.811 W/kg

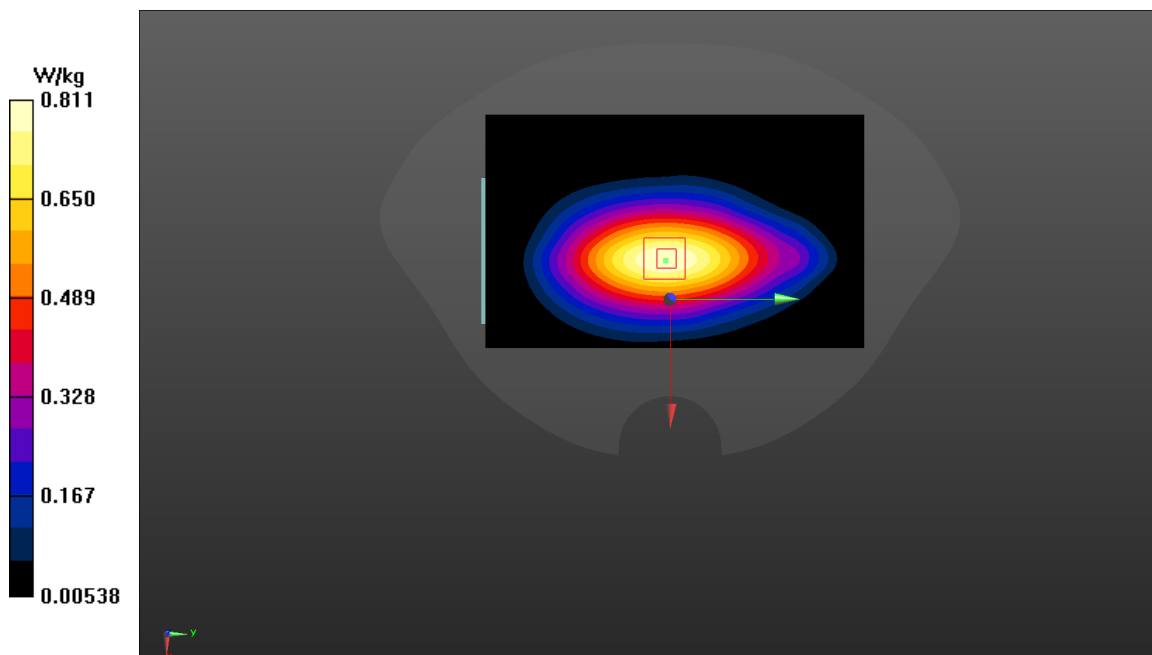


Fig A.20

LTE2500-FDD7_CH21350 Rear 50RB-Low 15mm

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: body 2600 MHz

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 38.51$; $\rho = 1000$ kg/m³

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

Communication System: LTE2500-FDD7 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(6.72,7.04,7.50)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.279 W/kg

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

Reference Value = 0.97 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.270 W/kg

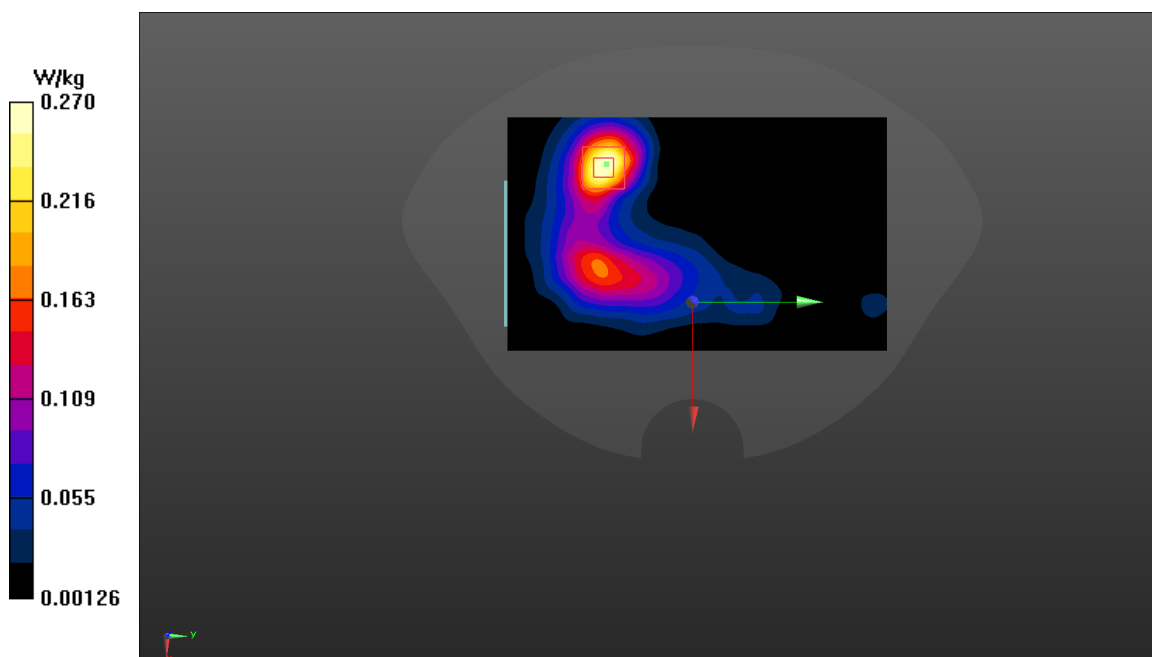


Fig A.21

LTE700-FDD12_CH23095 Right Cheek 1RB-Low

Date: 7/23/2023

Electronics: DAE4 Sn549

Medium: head 750 MHz

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.857$ mho/m; $\epsilon_r = 42.12$; $\rho = 1000$ kg/m³

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

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

Probe: EX3DV4 – SN3846 ConvF(8.98,8.99,10.08)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.337 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.51 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (measured) = 0.644 W/kg

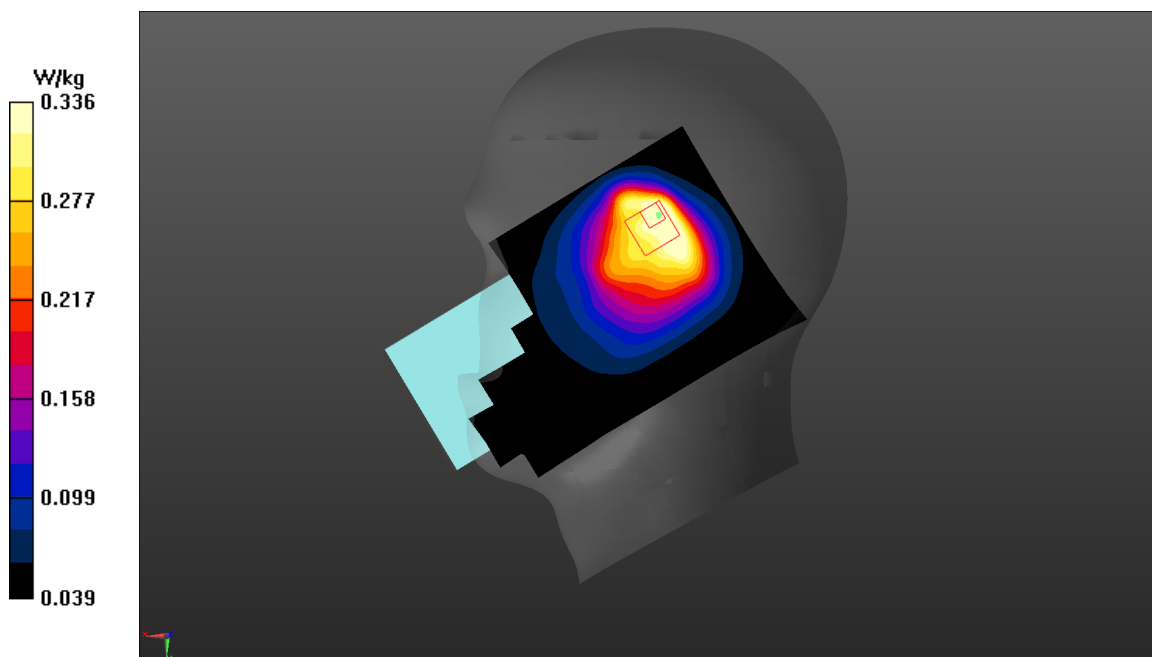


Fig A.22

LTE700-FDD12_CH23095 Left Edge 1RB-Low 10mm

Date: 7/23/2023

Electronics: DAE4 Sn549

Medium: body 750 MHz

 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.857$ mho/m; $\epsilon_r = 42.12$; $\rho = 1000$ kg/m³

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

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

Probe: EX3DV4 – SN3846 ConvF(8.98,8.99,10.08)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.337 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.51 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.22 W/kg

Maximum value of SAR (measured) = 0.336 W/kg

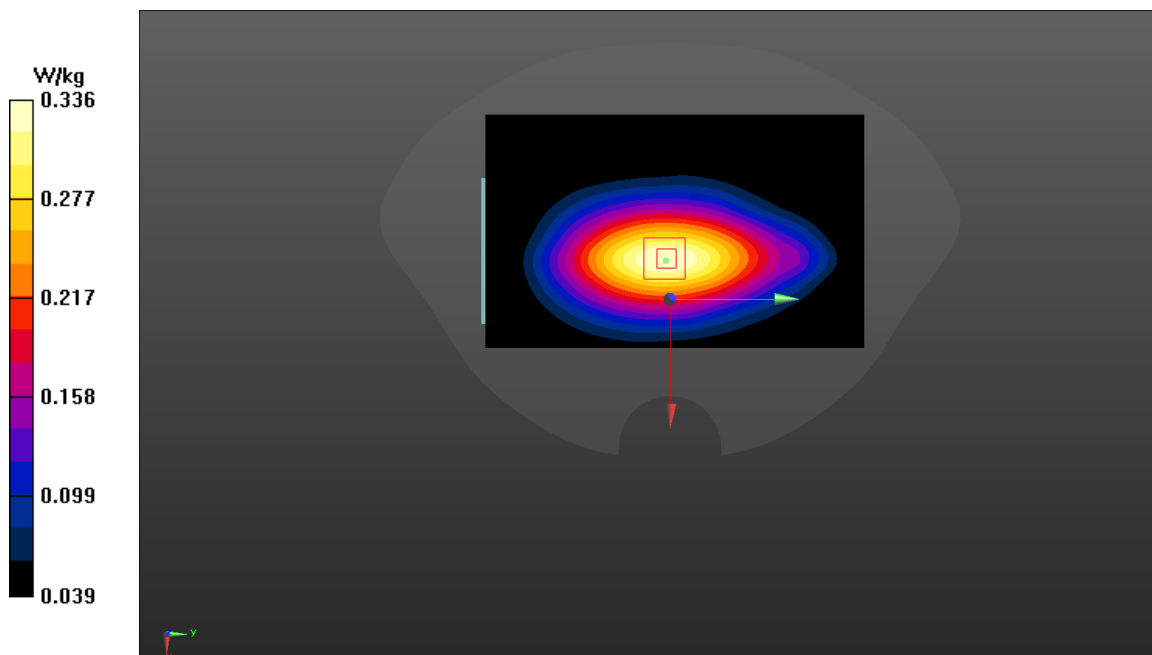


Fig A.23

LTE750-FDD13_CH23230 Right Cheek 1RB-Low

Date: 7/23/2023

Electronics: DAE4 Sn549

Medium: head 750 MHz

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ mho/m}$; $\epsilon_r = 42.03$; $\rho = 1000 \text{ kg/m}^3$

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

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

Probe: EX3DV4 – SN3846 ConvF(8.98,8.99,10.08)

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.973 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.04 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 0.783W/kg

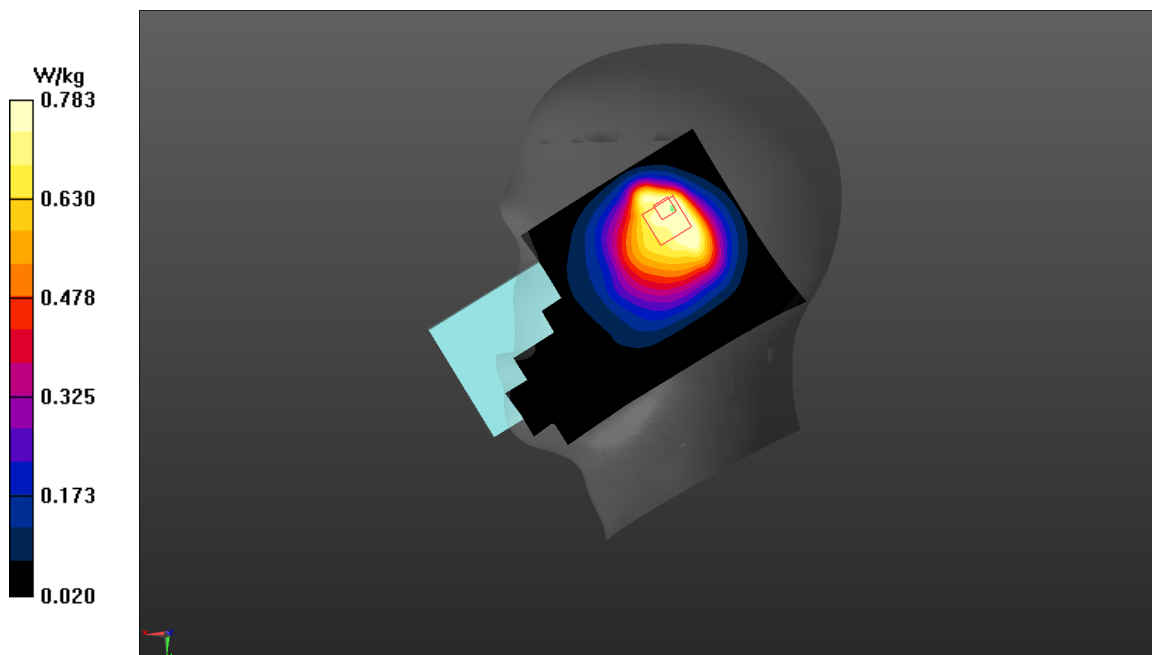


Fig A.24

LTE750-FDD13_CH23230 Rear 1RB-Low 10mm

Date: 7/23/2023

Electronics: DAE4 Sn549

Medium: body 750 MHz

Medium parameters used: $f = 782$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 42.03$; $\rho = 1000$ kg/m³

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

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

Probe: EX3DV4 – SN3846 ConvF(8.98,8.99,10.08)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.301 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.32 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.300 W/kg

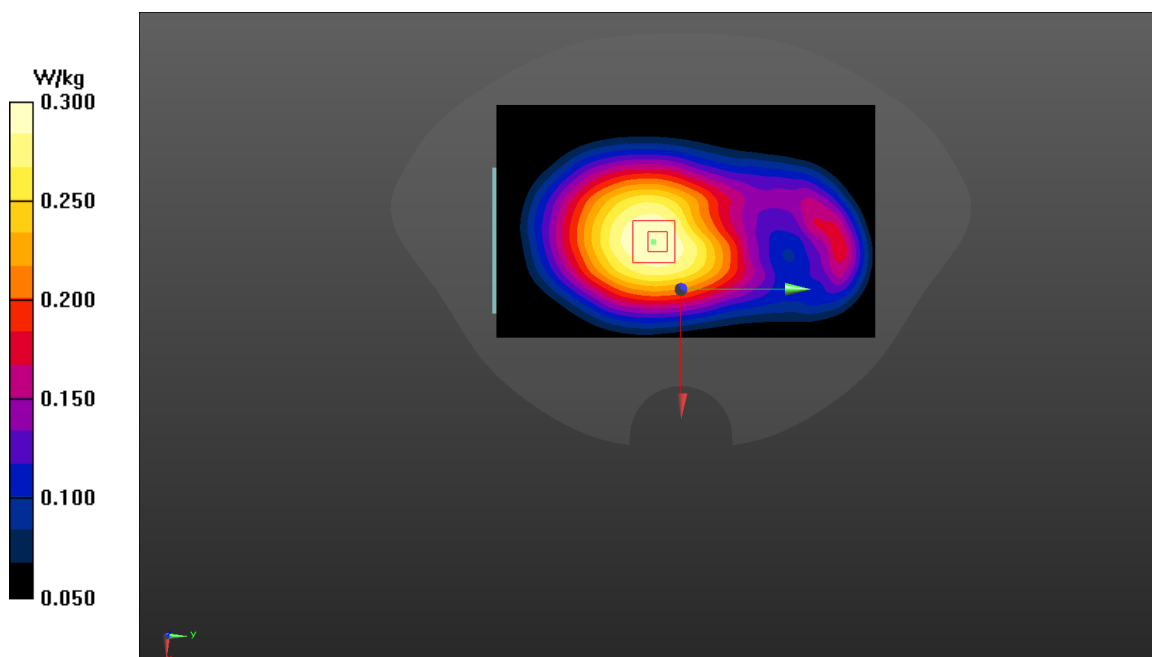


Fig A.25

LTE2600-TDD41_CH40620 Left Cheek 1RB-High

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: head 2600 MHz

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 38.51$; $\rho = 1000$ kg/m³

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

Communication System: LTE2600-TDD41 2593 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 – SN3846 ConvF(6.72,7.04,7.50)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0462 W/kg

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

Reference Value = 0.429 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.008 W/kg

Maximum value of SAR (measured) = 0.030 W/kg

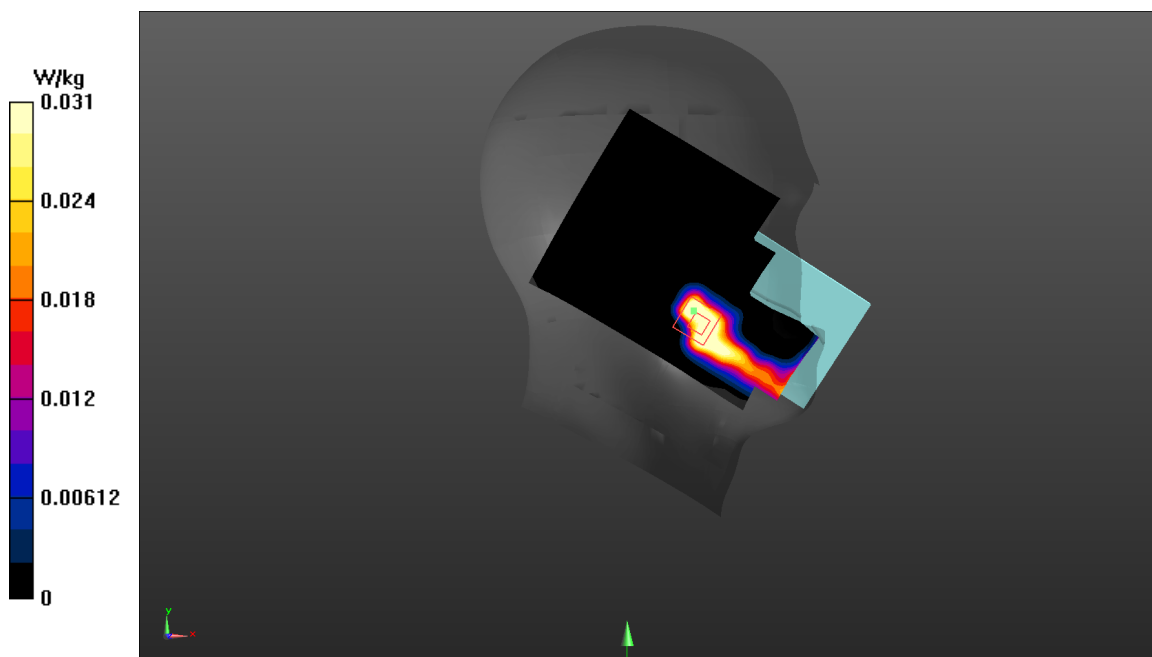


Fig A.26

LTE2600-TDD41_CH40620 Bottom Edge 50RB-High 10mm

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: body 2600 MHz

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 38.51$; $\rho = 1000$ kg/m³

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

Communication System: LTE2600-TDD41 2593 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 – SN3846 ConvF(6.72,7.04,7.50)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 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 = 10.43 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.29 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.323 W/kg

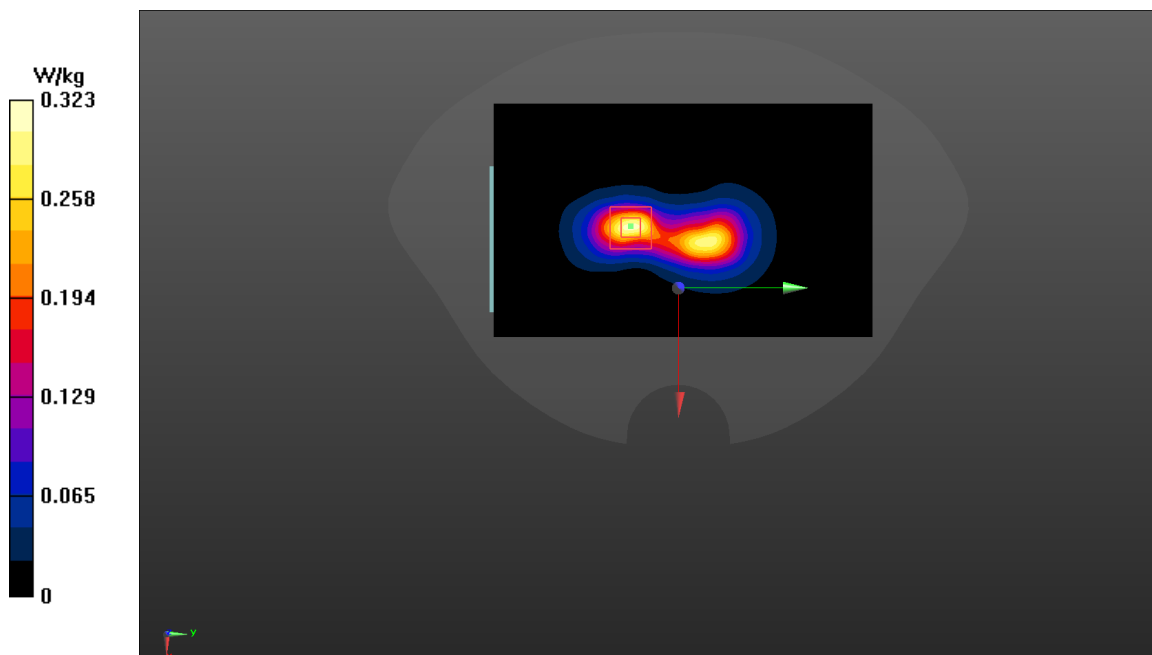


Fig A.27

LTE2600-TDD41_CH40620 Rear 50RB-High 15mm

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: body 2600 MHz

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 38.51$; $\rho = 1000$ kg/m³

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

Communication System: LTE2600-TDD41 2593 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 – SN3846 ConvF(6.72,7.04,7.50)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0917 W/kg

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

Reference Value = 3.164 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.088W/kg

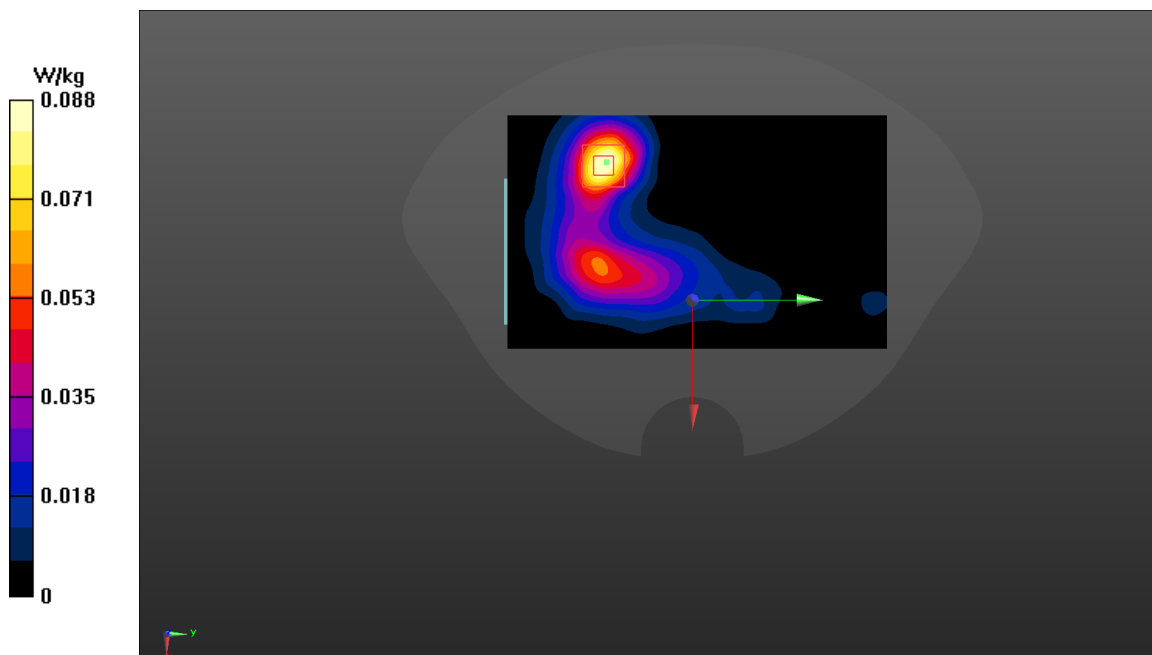


Fig A.28

LTE1700-FDD66_CH41100 Left Cheek 1RB-Middle

Date: 7/25/2023

Electronics: DAE4 Sn549

Medium: head 1800 MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.357$ mho/m; $\epsilon_r = 39.46$; $\rho = 1000$ kg/m³

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

Communication System: LTE1700-FDD66 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.47,7.79,8.45)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.13 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.384 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.15 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.132 W/kg

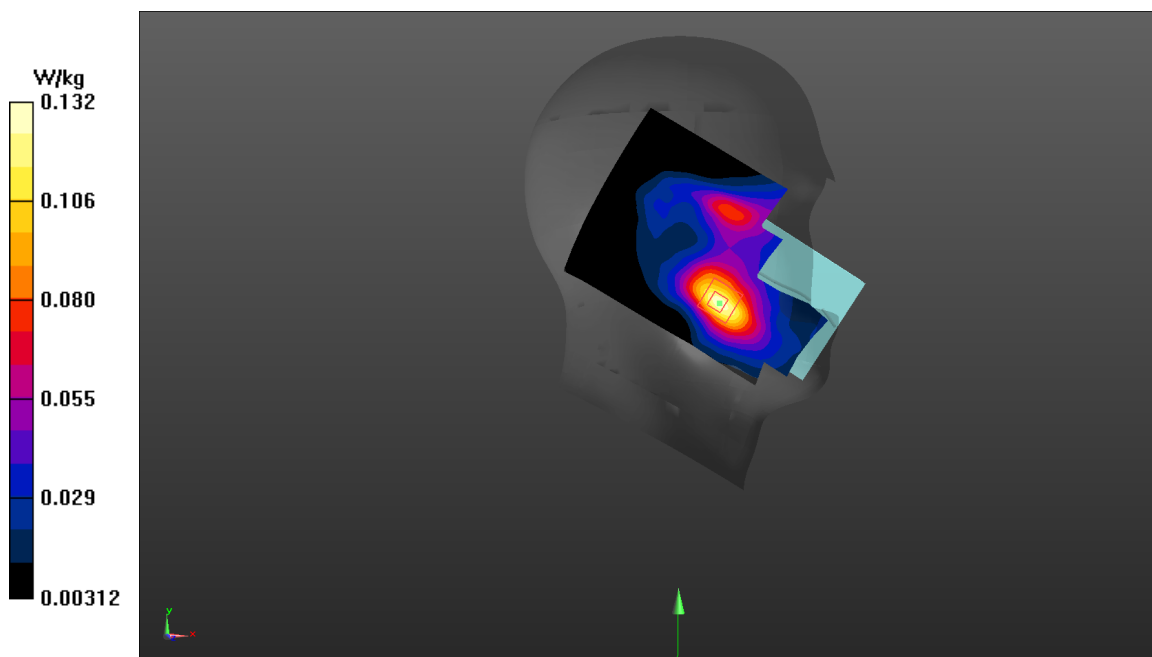


Fig A.29

LTE1700-FDD66_CH41114 Rear 50RB-Middle 10mm

Date: 7/25/2023

Electronics: DAE4 Sn549

Medium: body 1800 MHz

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.357$ mho/m; $\epsilon_r = 39.46$; $\rho = 1000$ kg/m³

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

Communication System: LTE1700-FDD66 1745 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.47,7.79,8.45)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.381 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.763 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.391 W/kg

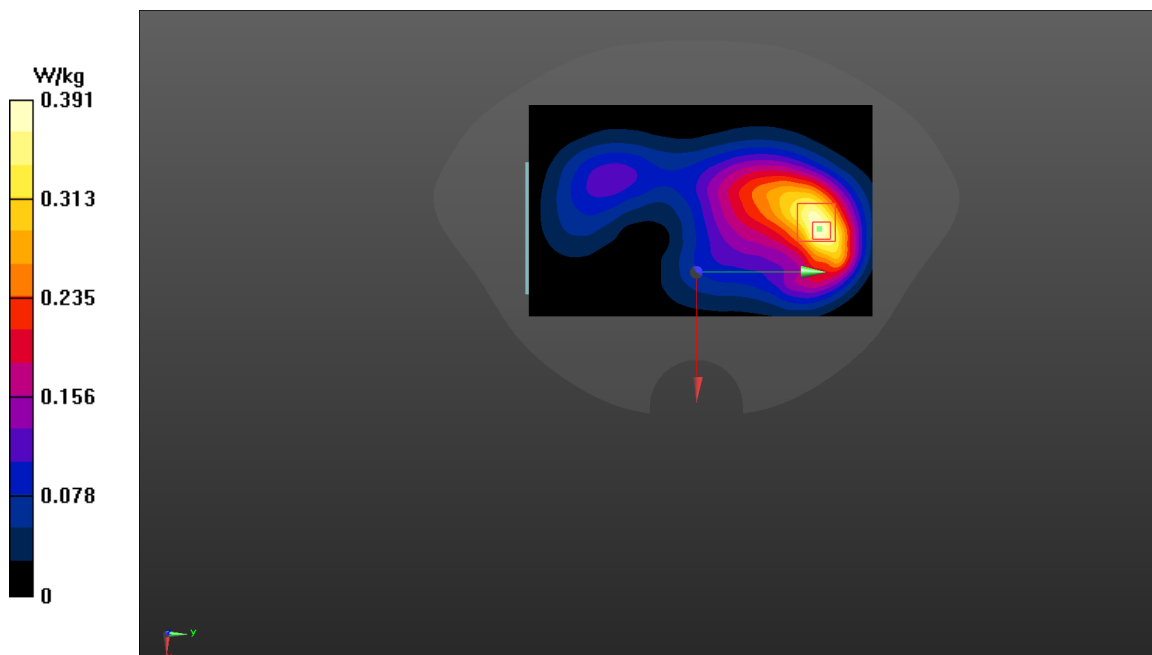


Fig A.30

LTE1700-FDD66_CH41110 Rear 1RB-Middle 15mm

Date: 7/25/2023

Electronics: DAE4 Sn549

Medium: body 1800 MHz

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.357$ mho/m; $\epsilon_r = 39.46$; $\rho = 1000$ kg/m³

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

Communication System: LTE1700-FDD66 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(7.47,7.79,8.45)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.68 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.144 W/kg

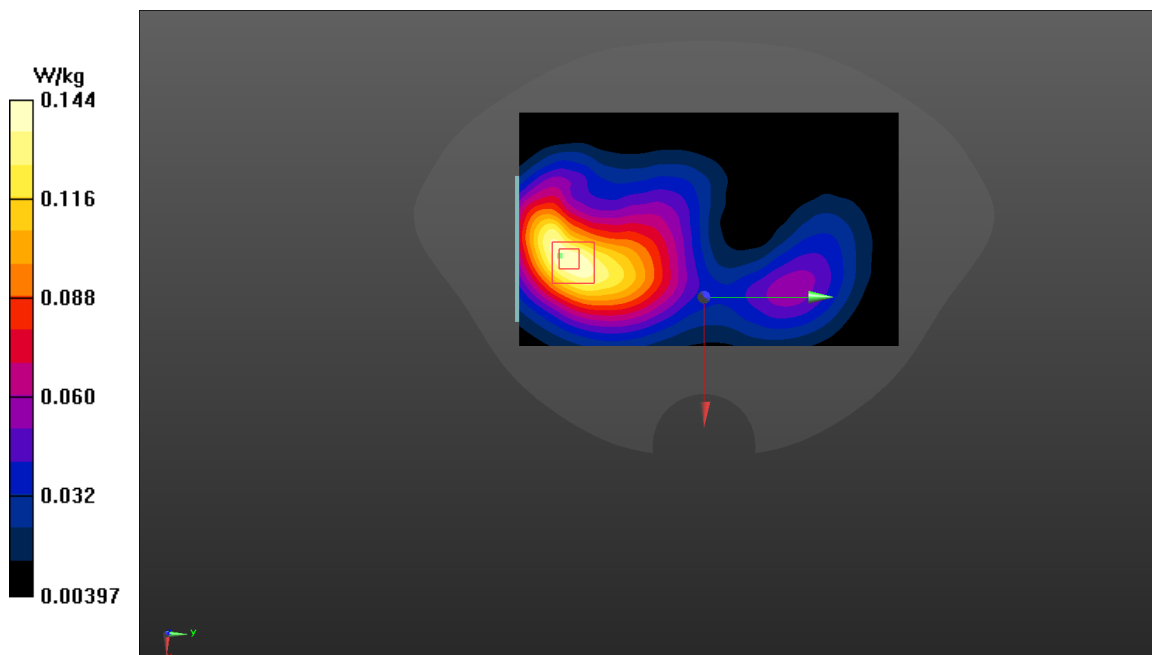


Fig A.31

WLAN2450_CH11 Left Cheek

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: head 2450 MHz

Medium parameters used: $f = 2462$; $\sigma = 1.811$ mho/m; $\epsilon_r = 38.57$; $\rho = 1000$ kg/m³

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

Communication System: WLAN2450 2462 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(6.80,7.06,7.55)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.971 W/kg

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

Reference Value = 8.694 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.929 W/kg

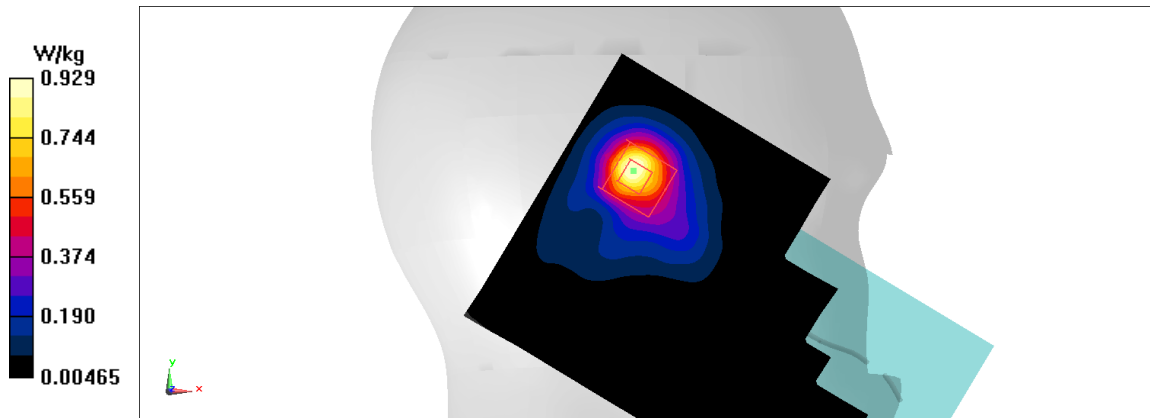


Fig A.32

WLAN2450_CH11 Rear 10mm

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: body 2450 MHz

Medium parameters used: $f = 2462$; $\sigma = 1.811$ mho/m; $\epsilon_r = 38.57$; $\rho = 1000$ kg/m³

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

Communication System: WLAN2450 2462 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(6.80,7.06,7.55)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.326 W/kg

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

Reference Value = 5.509 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.19 W/kg; SAR(10 g) = 0.093 W/kg

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

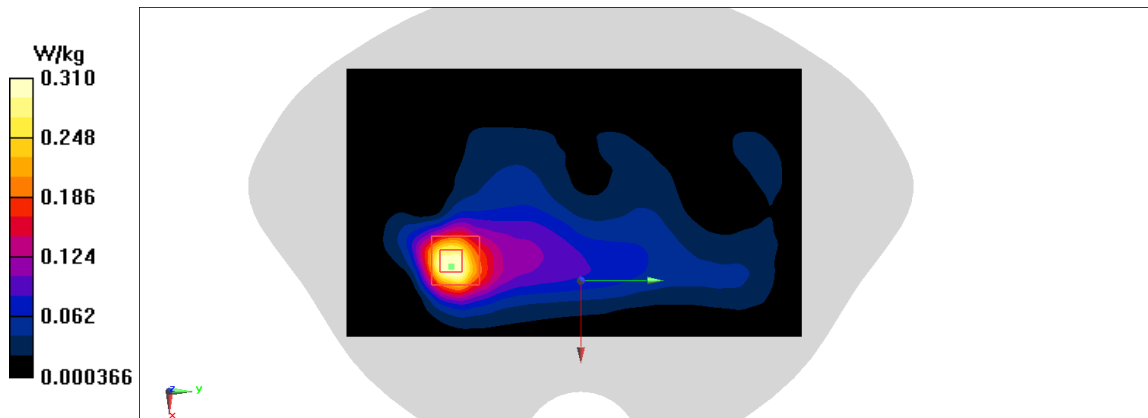


Fig A.33

WLAN2450_CH11 Left Cheek

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: head 2450 MHz

Medium parameters used: $f = 2462$; $\sigma = 1.811$ mho/m; $\epsilon_r = 38.57$; $\rho = 1000$ kg/m³

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

Communication System: WLAN2450 2462 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(6.80,7.06,7.55)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 6.496 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.36 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.566 W/kg

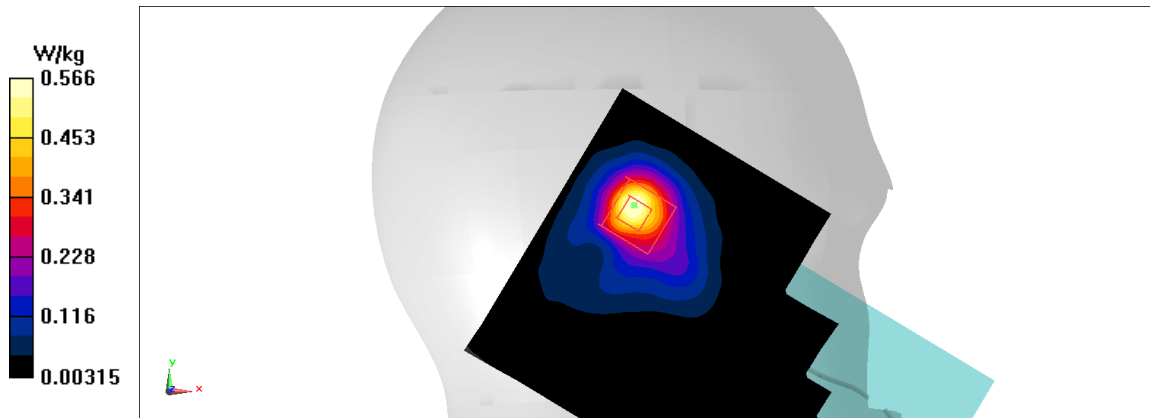


Fig A.34

WLAN2450_CH11 Rear 10mm

Date: 7/10/2023

Electronics: DAE4 Sn549

Medium: body 2450 MHz

Medium parameters used: $f = 2462$; $\sigma = 1.811$ mho/m; $\epsilon_r = 38.57$; $\rho = 1000$ kg/m³

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

Communication System: WLAN2450 2462 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(6.80,7.06,7.55)

Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 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 = 4.356 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.189 W/kg

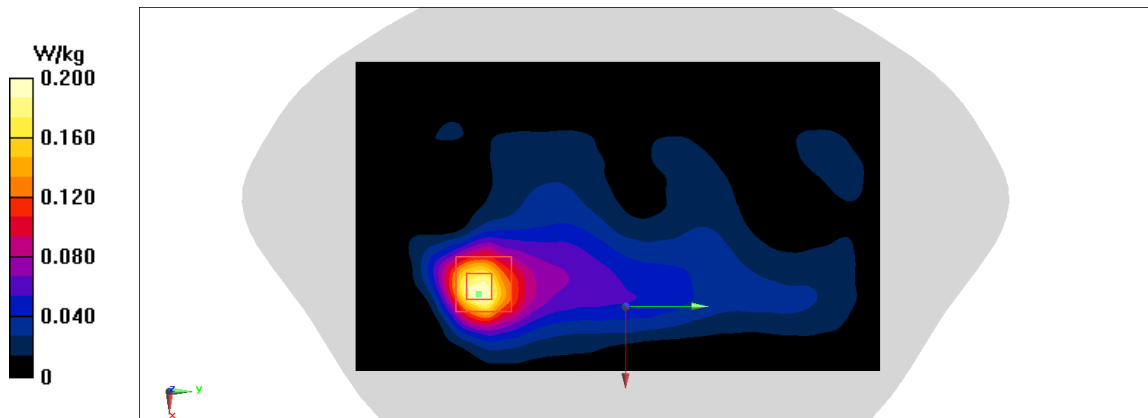


Fig A.35

WLAN_CH56 Left Tilt

Date: 7/18/2023

Electronics: DAE4 Sn549

Medium: head 5G

Medium parameters used: $f = 5280$; $\sigma = 4.771$ mho/m; $\epsilon_r = 35.397$; $\rho = 1000$ kg/m³

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

Communication System: WLAN 5280 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(5.61,5.61,5.61)

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

Maximum value of SAR (interpolated) = 1.28 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.607 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 1.27 W/kg

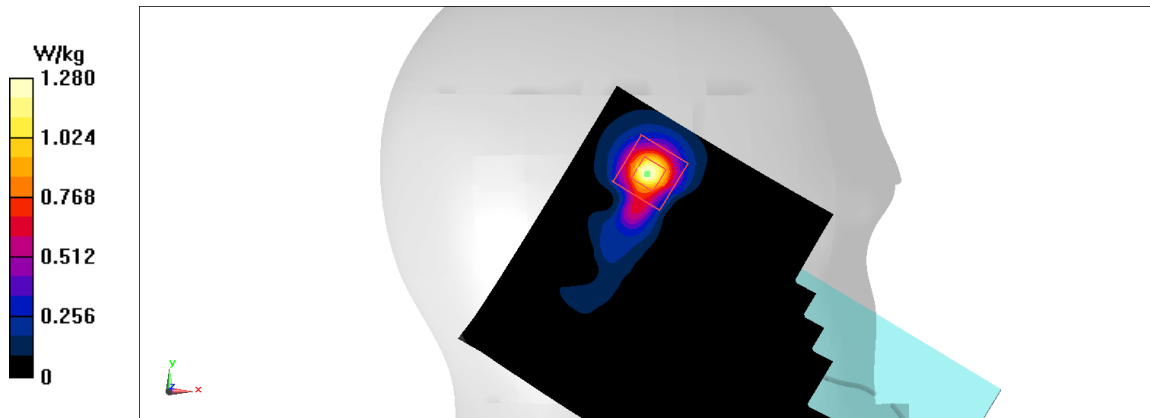


Fig A.36

WLAN_CH116 11a-6M Rear 10mm

Date: 7/18/2023

Electronics: DAE4 Sn549

Medium: body 5G

Medium parameters used: $f = 5580$; $\sigma = 5.067$ mho/m; $\epsilon_r = 35.032$; $\rho = 1000$ kg/m³

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

Communication System: WLAN 5580 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(4.44,4.64,4.90)

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

Maximum value of SAR (interpolated) = 1.76 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 1.64 W/kg

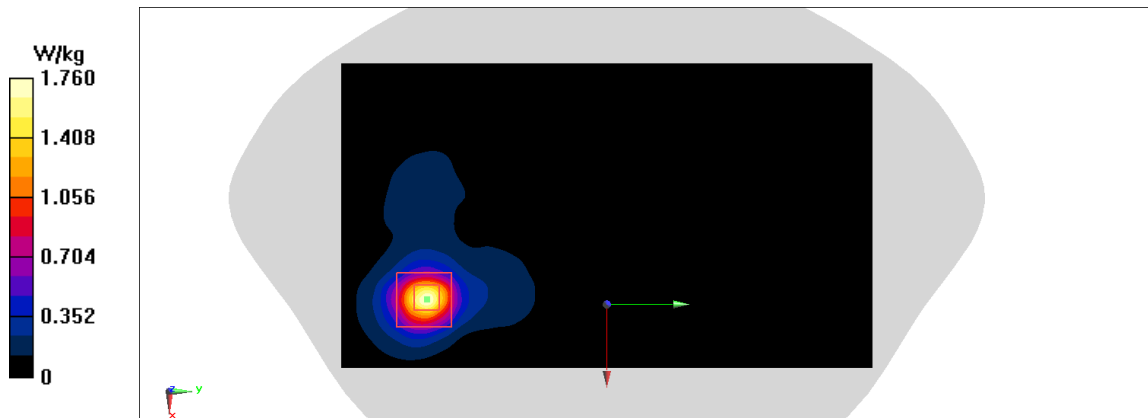


Fig A.37

WLAN_CH56 Left Tilt

Date: 7/18/2023

Electronics: DAE4 Sn549

Medium: head 5G

Medium parameters used: $f = 5280$; $\sigma = 4.771$ mho/m; $\epsilon_r = 35.397$; $\rho = 1000$ kg/m³

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

Communication System: WLAN 5280 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(5.61,5.61,5.61)

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

Maximum value of SAR (interpolated) = 0.864 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.012 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.35 W/kg; SAR(10 g) = 0.107 W/kg

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

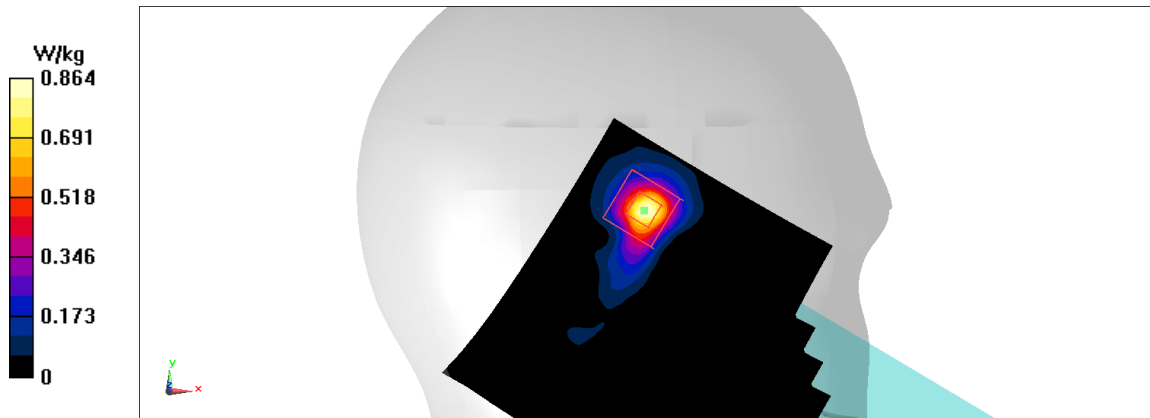


Fig A.38

WLAN_CH56 11a-6M Rear 10mm

Date: 7/18/2023

Electronics: DAE4 Sn549

Medium: body 5G

Medium parameters used: $f = 5280$; $\sigma = 4.771$ mho/m; $\epsilon_r = 35.397$; $\rho = 1000$ kg/m³

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

Communication System: WLAN 5280 Duty Cycle: 1:1

Probe: EX3DV4 – SN3846 ConvF(5.61,5.61,5.61)

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

Maximum value of SAR (interpolated) = 0.826 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.516 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.835 W/kg

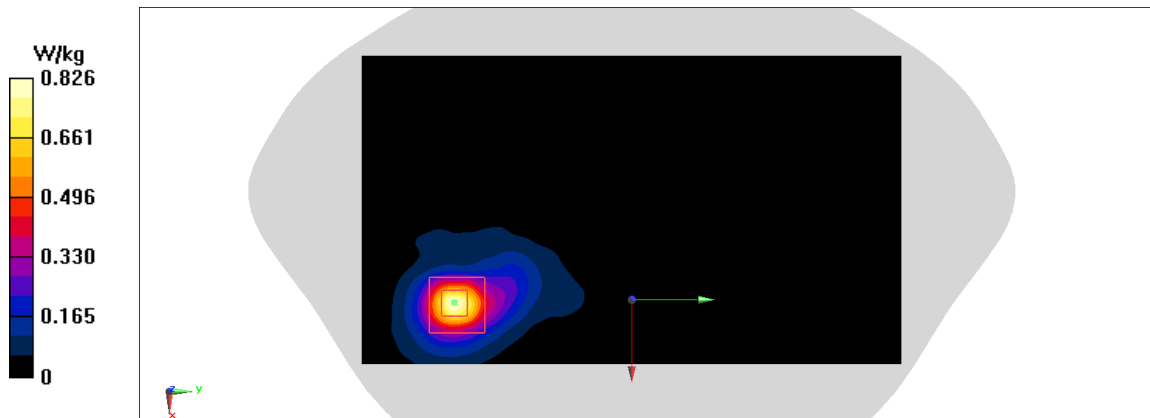
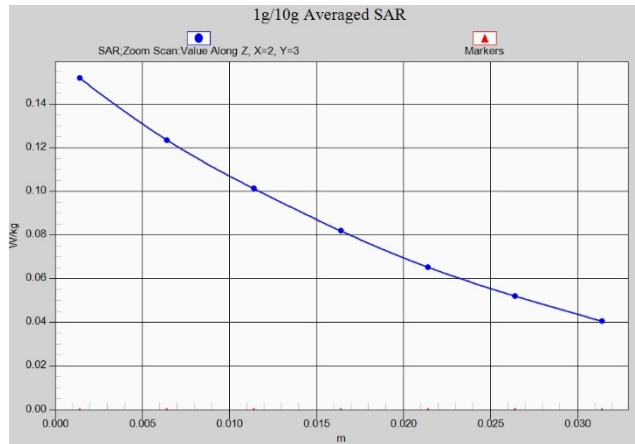
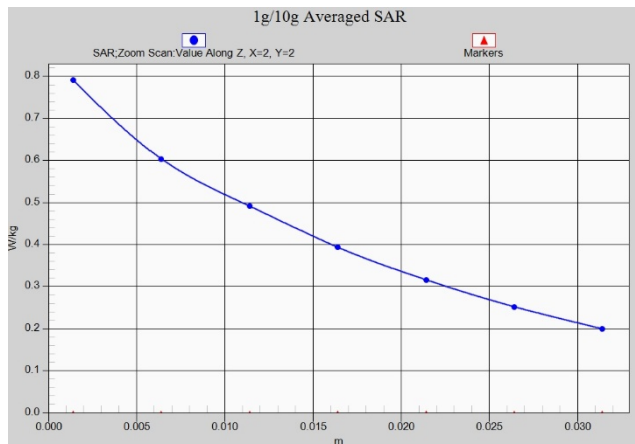


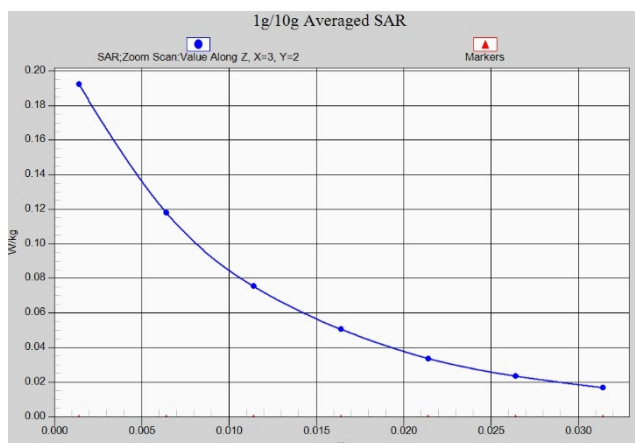
Fig A.39



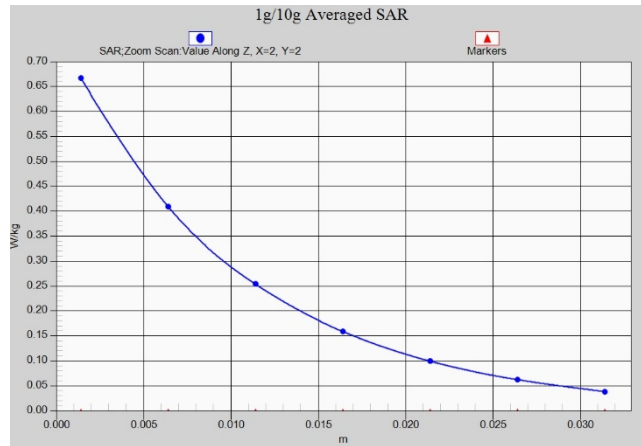
Z-Scan at power reference point (850 MHz)



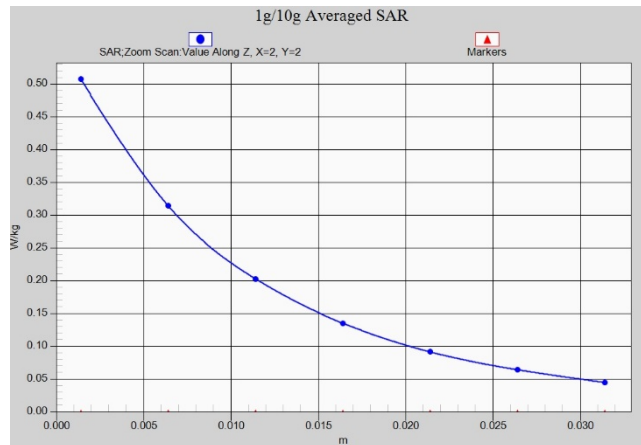
Z-Scan at power reference point (850 MHz)



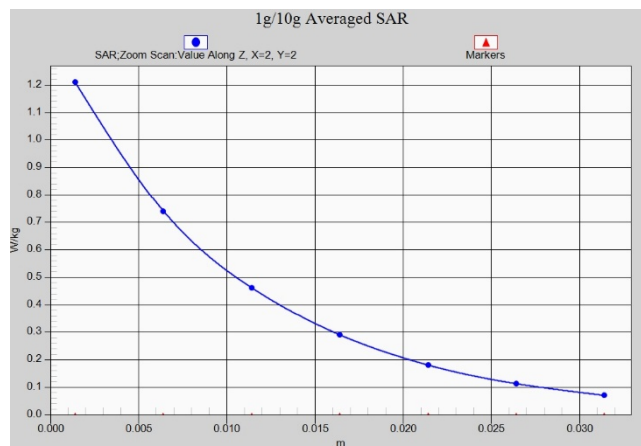
Z-Scan at power reference point (1900 MHz)



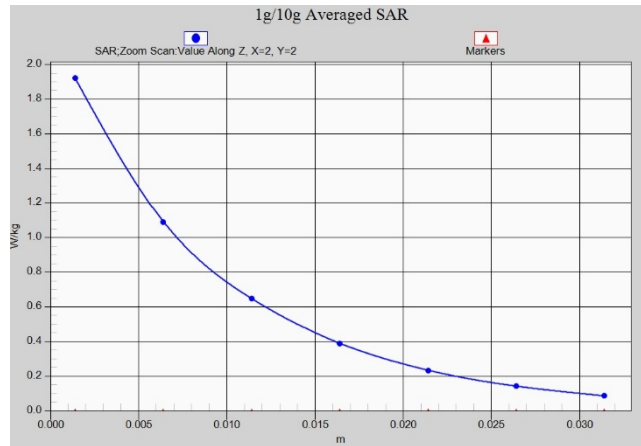
Z-Scan at power reference point (GSM1900)



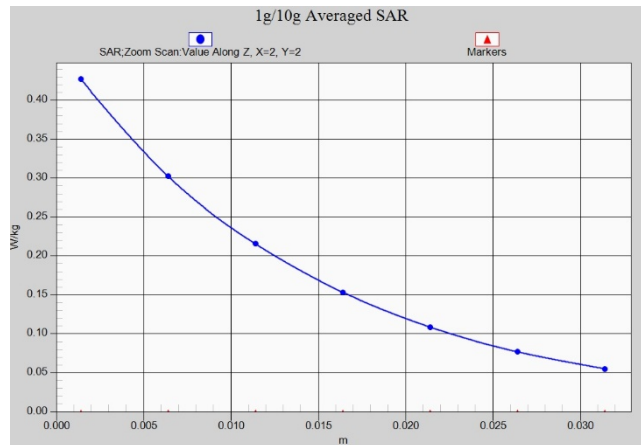
Z-Scan at power reference point (WCDMA1900)



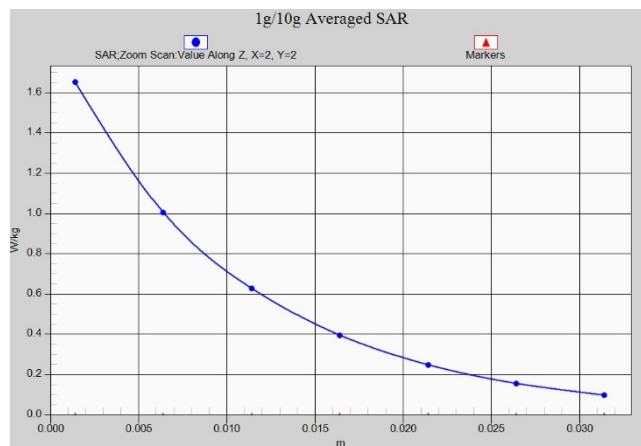
Z-Scan at power reference point (WCDMA1900)



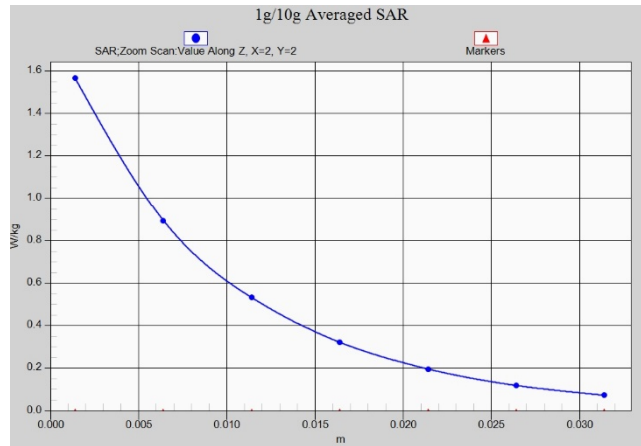
Z-Scan at power reference point (WCDMA1900)



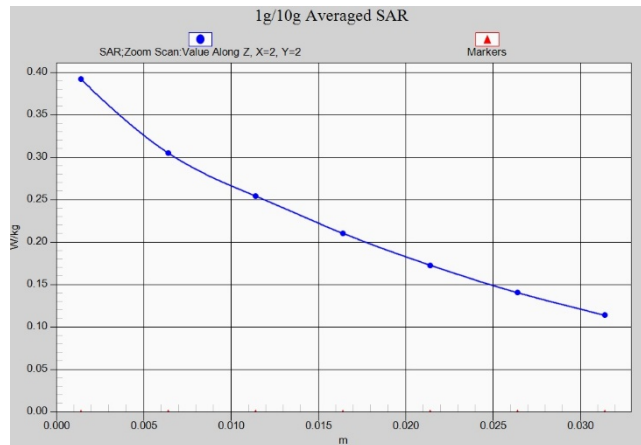
Z-Scan at power reference point (WCDMA1700)



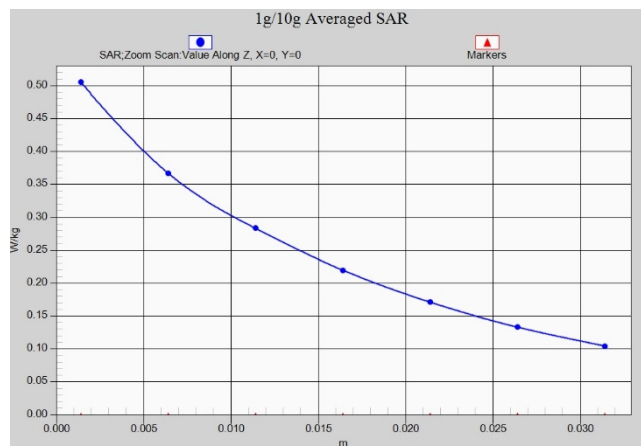
Z-Scan at power reference point (WCDMA1700)



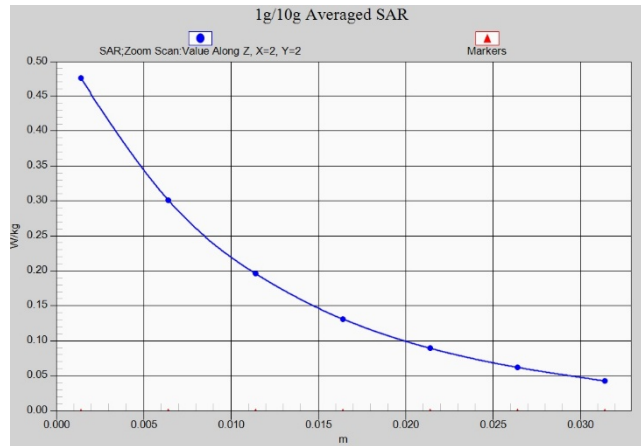
Z-Scan at power reference point (WCDMA1700)



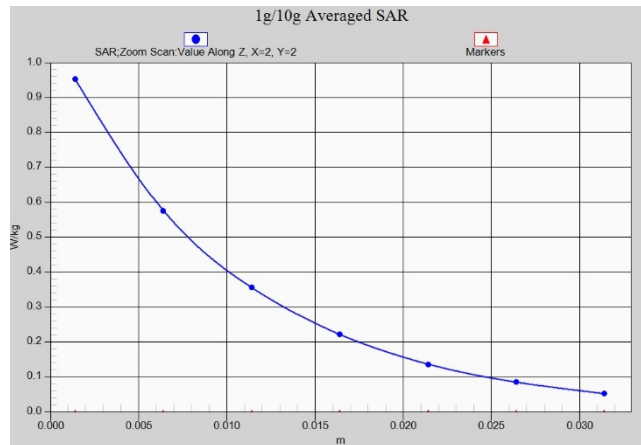
Z-Scan at power reference point (WCDMA850)



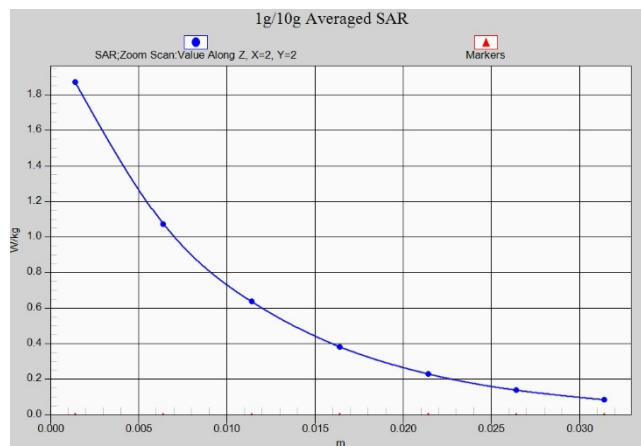
Z-Scan at power reference point (WCDMA850)



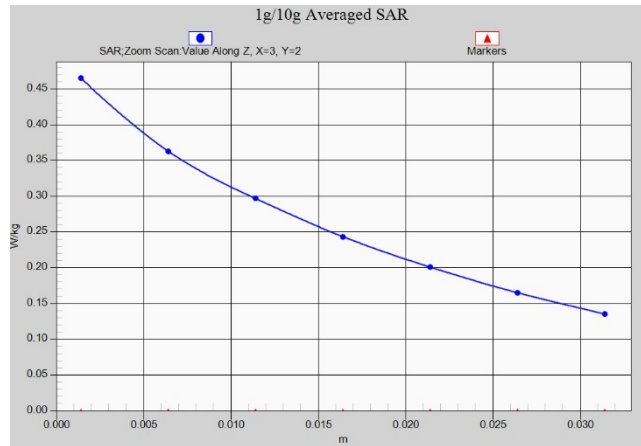
Z-Scan at power reference point (LTEB2)



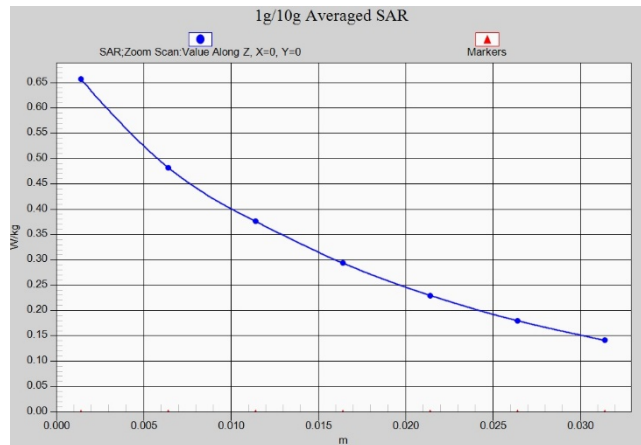
Z-Scan at power reference point (LTEB2)



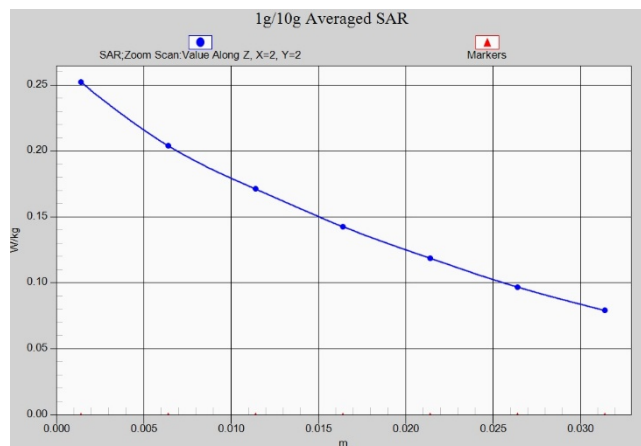
Z-Scan at power reference point (LTEB2)



Z-Scan at power reference point (LTEB5)



Z-Scan at power reference point (LTEB5)



Z-Scan at power reference point (LTEB12)