

**WCDMA Band 4 Head**

Date: 2022-1-24

Electronics: DAE4 Sn786

Medium: Head 1750MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 39.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, WCDMA (0) Frequency: 1732.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

**Left Tilt Middle/Area Scan (61x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.125 W/kg

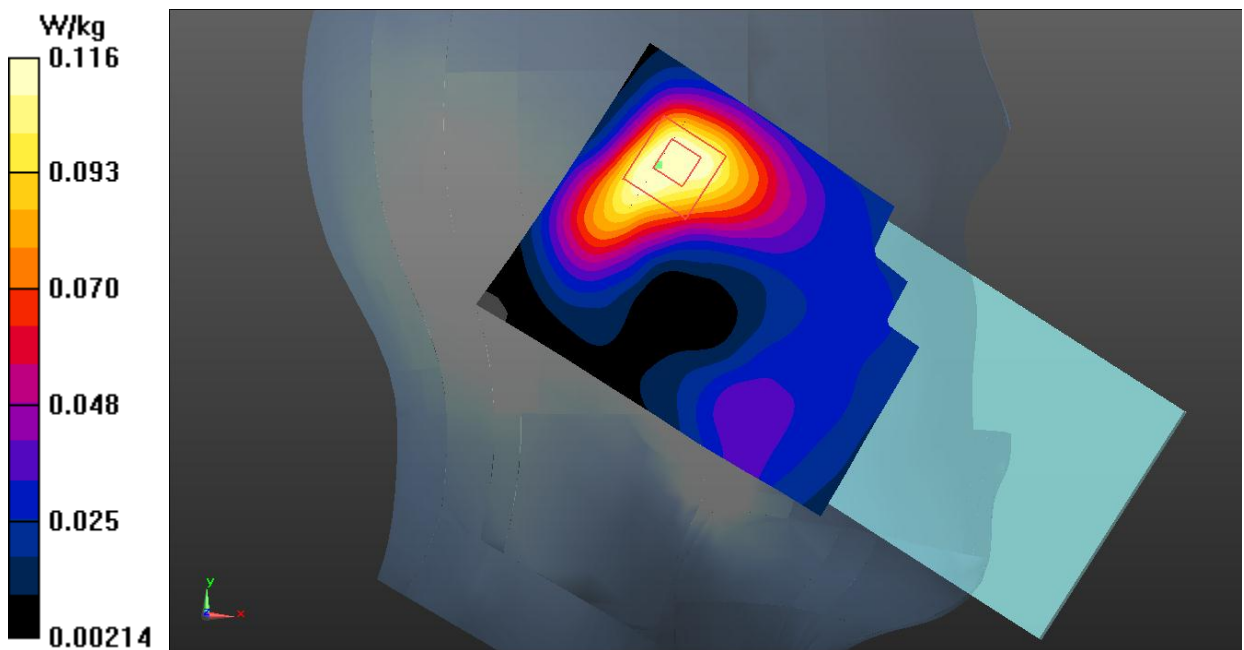
**Left Tilt Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.098 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.067 W/kg**

Maximum value of SAR (measured) = 0.116 W/kg



**WCDMA Band 4 Body**

Date: 2022-1-24

Electronics: DAE4 Sn786

Medium: Head 1750MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 39.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, WCDMA (0) Frequency: 1732.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

**Rear Side Middle/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.624 W/kg

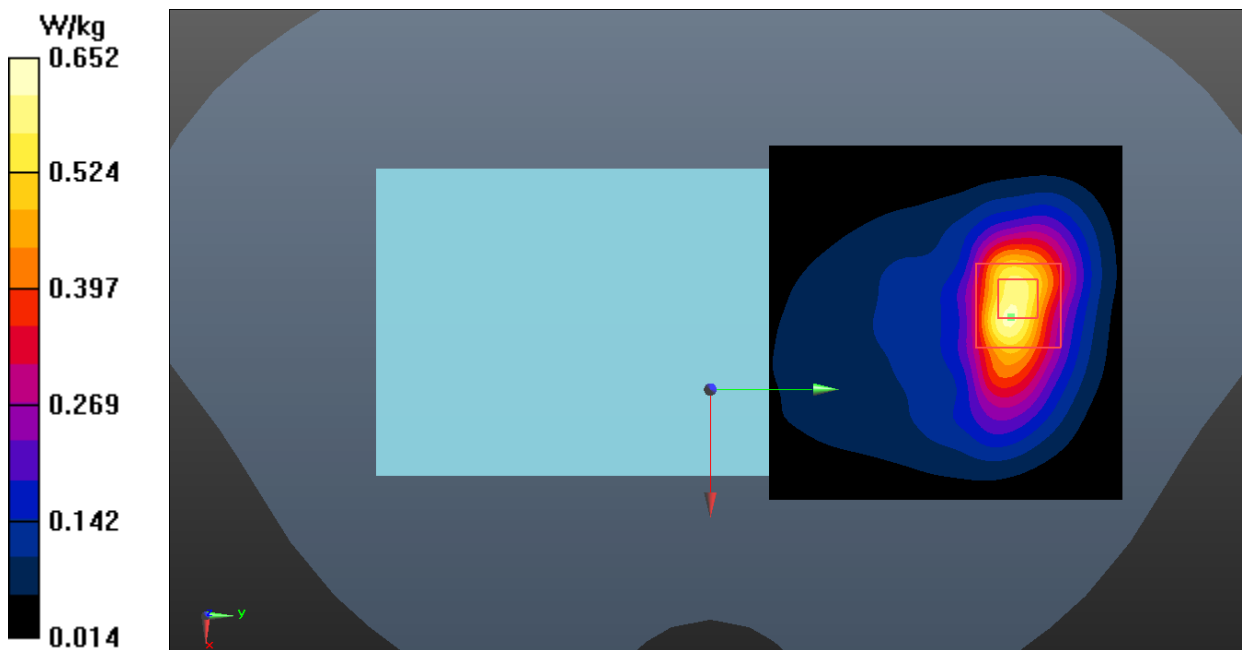
**Rear Side Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.095 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.860 W/kg

**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.249 W/kg**

Maximum value of SAR (measured) = 0.652 W/kg



**WCDMA Band 5 Head**

Date: 2022-1-27

Electronics: DAE4 Sn786

Medium: Head 835MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 40.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, WCDMA (0) Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

**Left Cheek Middle/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

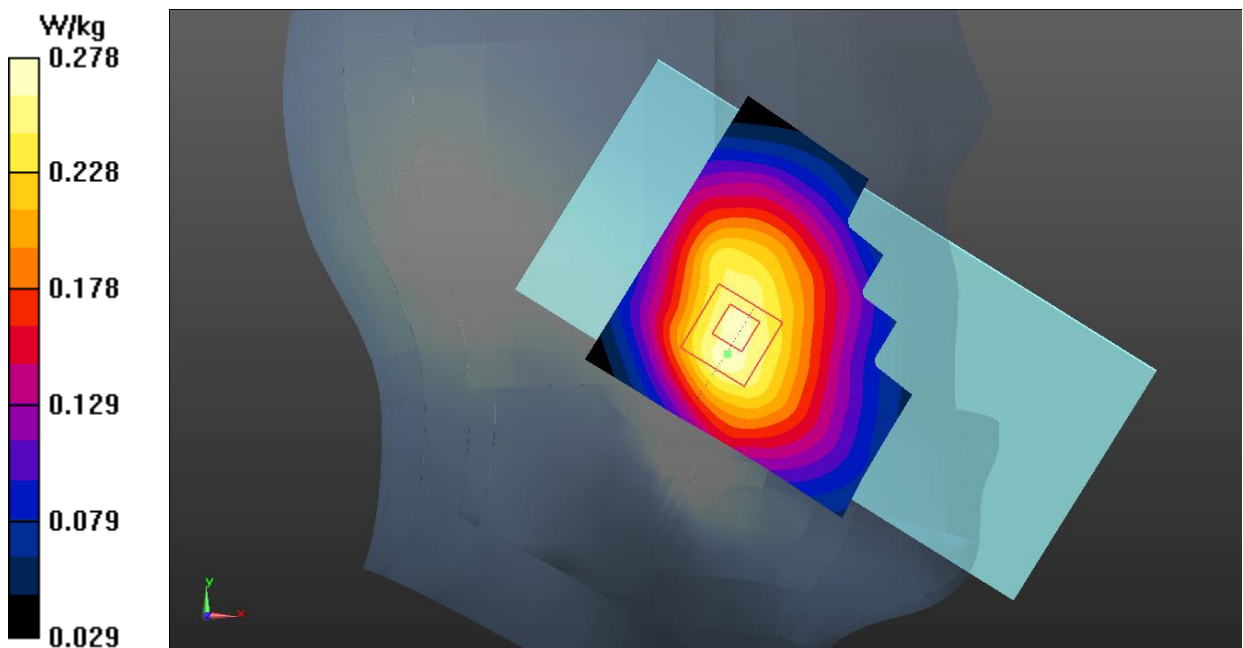
**Left Cheek Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.343 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.278 W/kg



**WCDMA Band 5 Body**

Date: 2022-1-27

Electronics: DAE4 Sn786

Medium: Head 835MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 40.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, WCDMA (0) Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

**Rear Side Middle/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

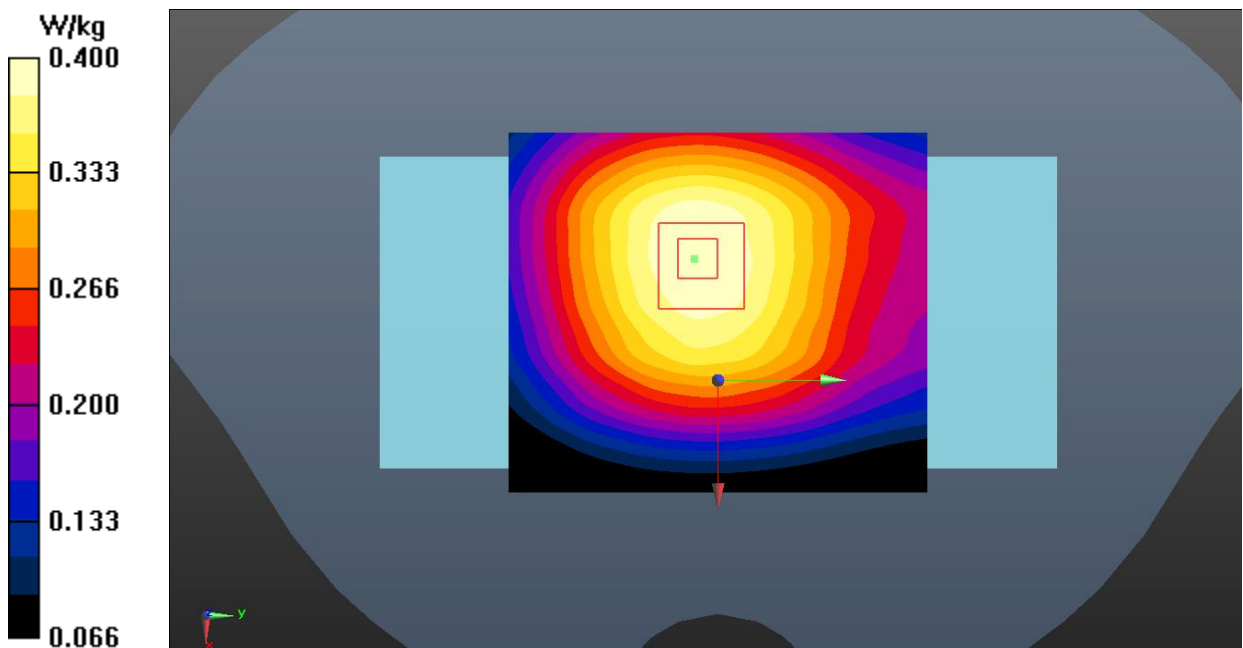
**Rear Side Middle/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.49 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.464 W/kg

**SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.278 W/kg**

Maximum value of SAR (measured) = 0.400 W/kg



**LTE Band 2 Head**

Date: 2022-1-28

Electronics: DAE4 Sn786

Medium: Head 1900MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  S/m;  $\epsilon_r = 39.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.09, 5.09, 5.09);

**Right Cheek Middle 1RB0/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.141 W/kg

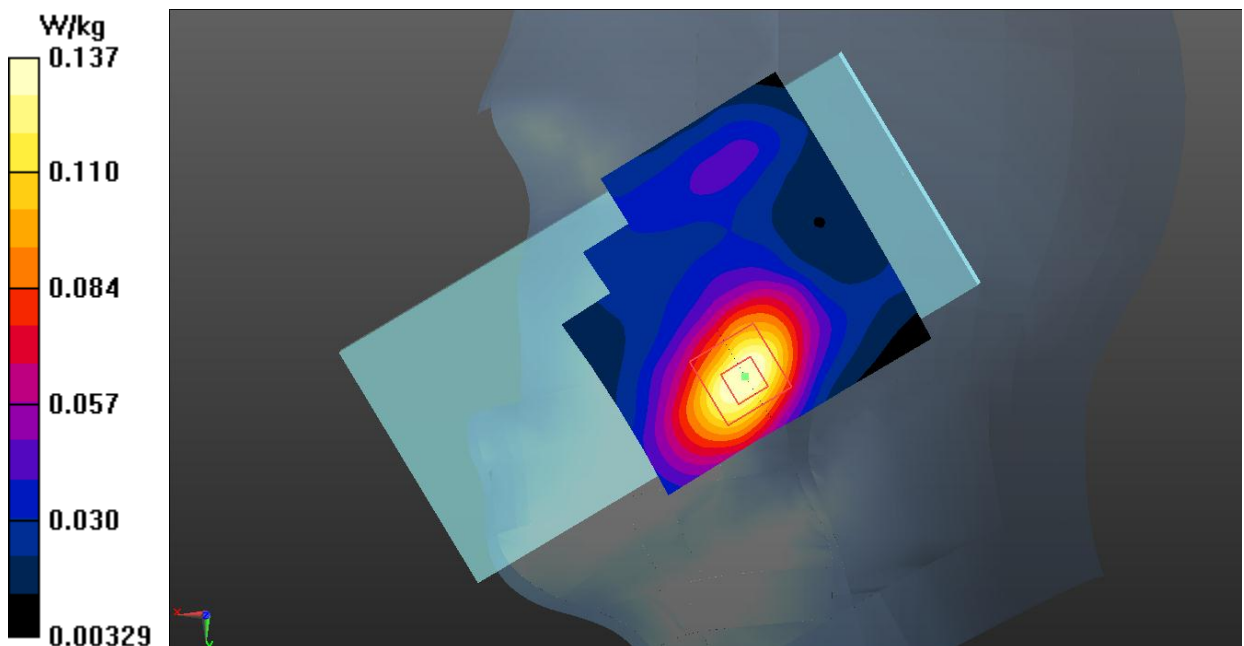
**Right Cheek Middle 1RB0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.550 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.137 W/kg



**LTE Band 2 Body**

Date: 2022-1-28

Electronics: DAE4 Sn786

Medium: Head 1900MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  S/m;  $\epsilon_r = 39.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.09, 5.09, 5.09);

**Rear Side Middle 1RB0/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.19 W/kg

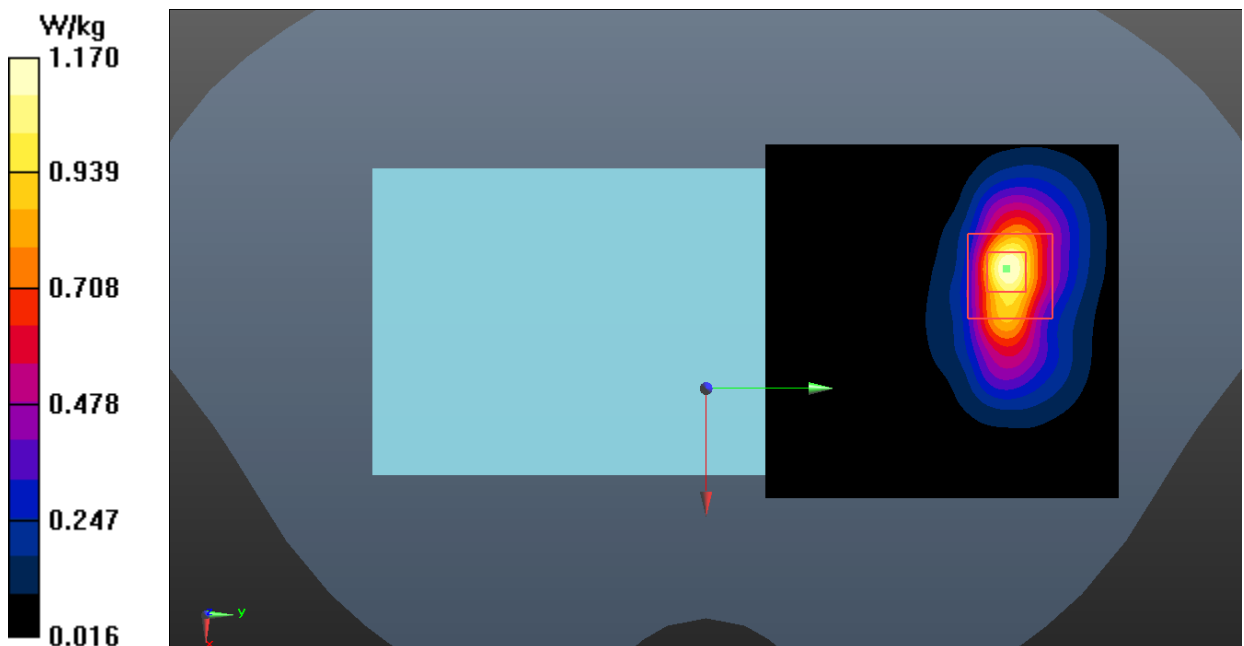
**Rear Side Middle 1RB0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.781 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.416 W/kg**

Maximum value of SAR (measured) = 1.17 W/kg



**LTE Band 5 Head**

Date: 2022-1-27

Electronics: DAE4 Sn786

Medium: Head 835MHz

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 40.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 836.5 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

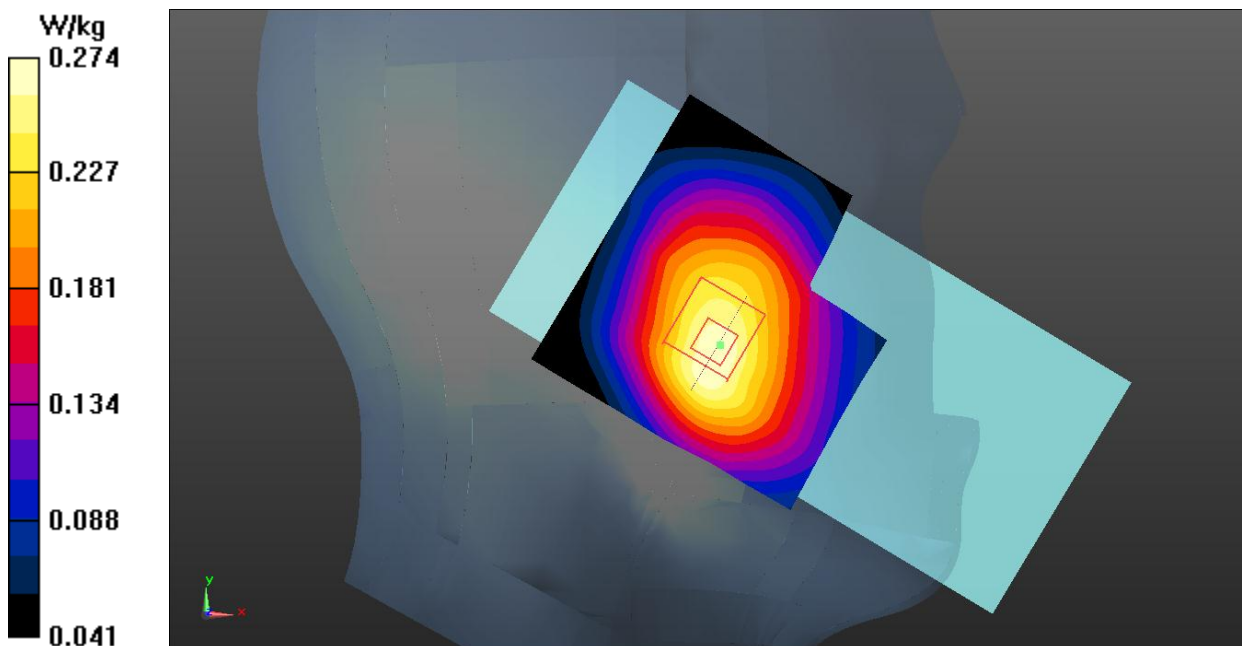
**Left Cheek Middle 1RB49/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.272 W/kg**Left Cheek Middle 1RB49/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.171 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.190 W/kg**

Maximum value of SAR (measured) = 0.274 W/kg



**LTE Band 5 Body**

Date: 2022-1-27

Electronics: DAE4 Sn786

Medium: Head 835MHz

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 40.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 836.5 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

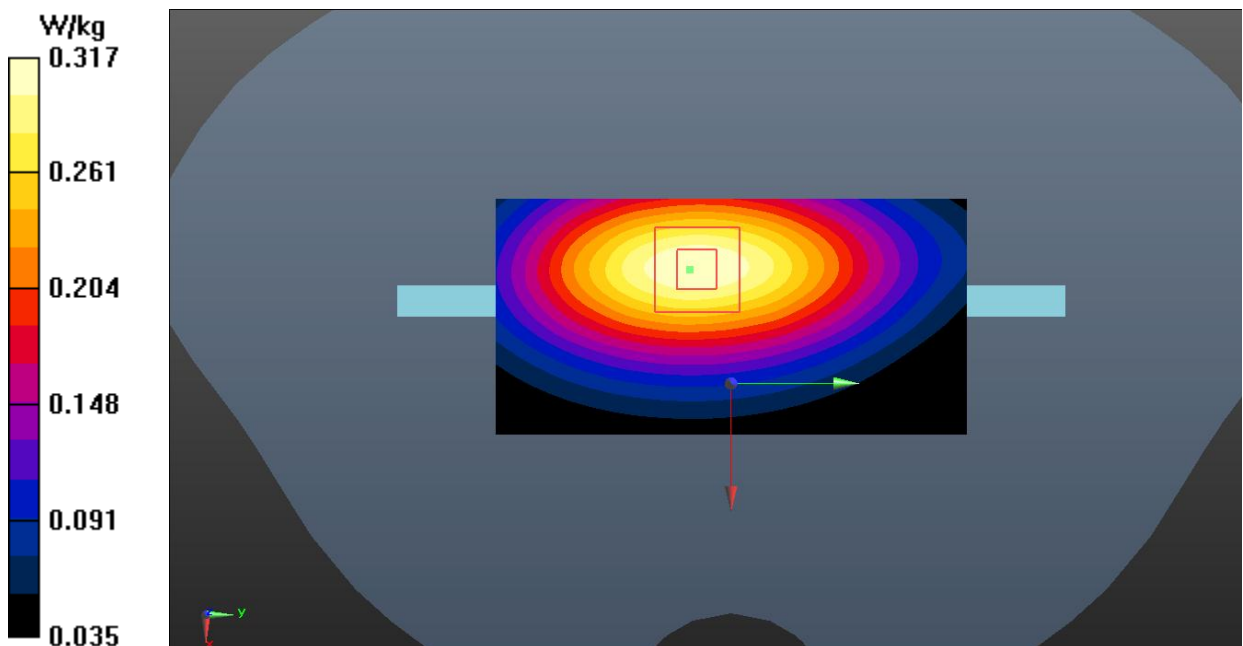
**Right Side Middle 1RB49/Area Scan (41x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.317 W/kg**Right Side Middle 1RB49/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.36 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.189 W/kg**

Maximum value of SAR (measured) = 0.317 W/kg





**LTE Band 7 Head**

Date: 2022-1-20

Electronics: DAE4 Sn786

Medium: Head 2550MHz

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.907$  S/m;  $\epsilon_r = 38.389$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 2510 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

**Left Cheek Low 1RB99/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.289 W/kg

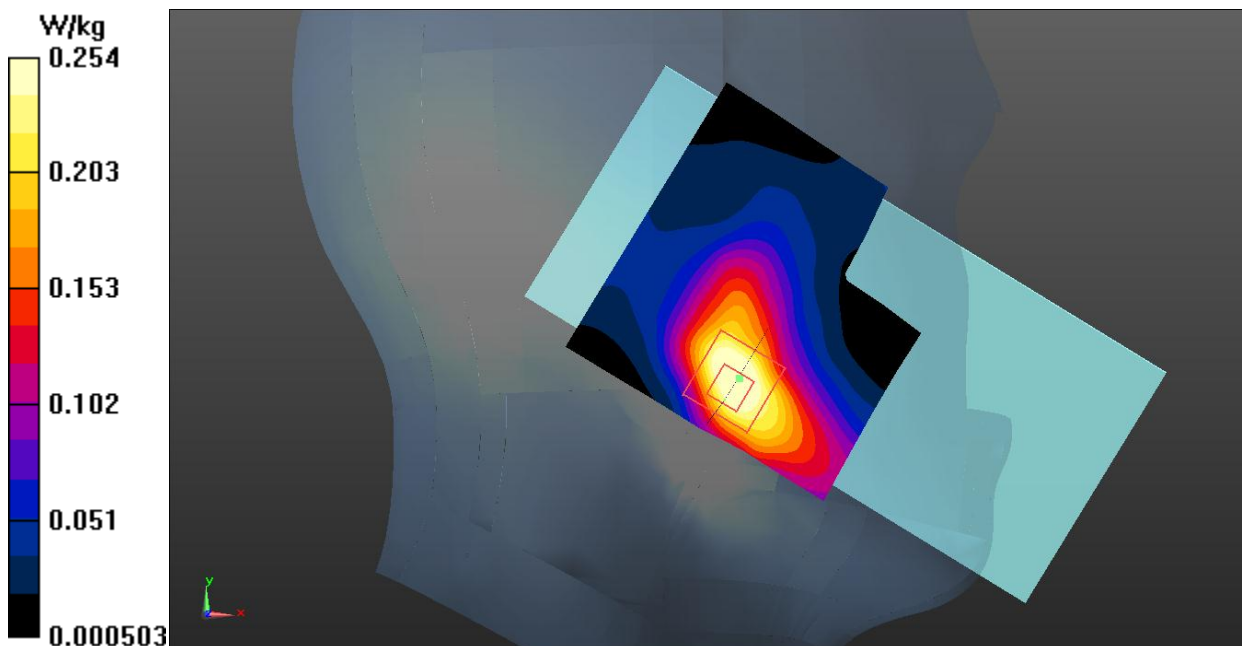
**Left Cheek Low 1RB99/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.976 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.121 W/kg**

Maximum value of SAR (measured) = 0.254 W/kg



**LTE Band 7 Body**

Date: 2022-1-20

Electronics: DAE4 Sn786

Medium: Head 2550MHz

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.966$  S/m;  $\epsilon_r = 38.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.39, 4.39, 4.39);

**Rear Side High 1RB99/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.833 W/kg

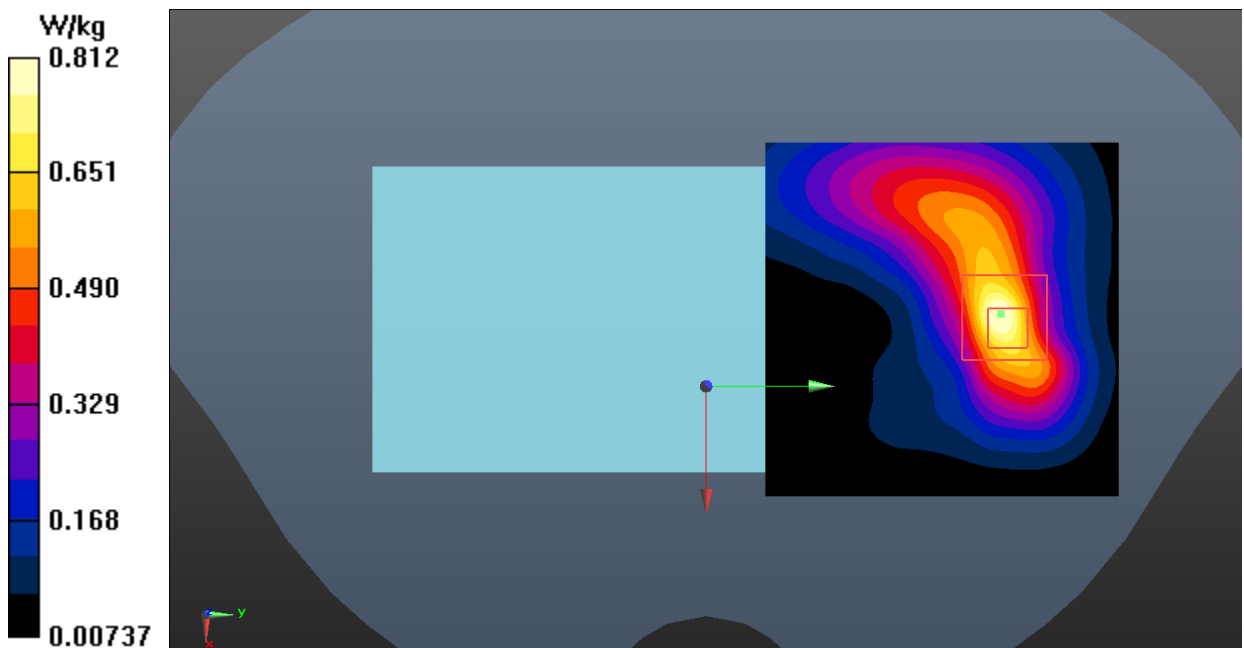
**Rear Side High 1RB99/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.685 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.285 W/kg**

Maximum value of SAR (measured) = 0.812 W/kg



**LTE Band 12 Head**

Date: 2022-1-25

Electronics: DAE4 Sn786

Medium: Head 750MHz

Medium parameters used:  $f = 708 \text{ MHz}$ ;  $\sigma = 0.882 \text{ S/m}$ ;  $\epsilon_r = 41.528$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Communication System: UID 0, LTE\_FDD (0) Frequency: 707.5 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

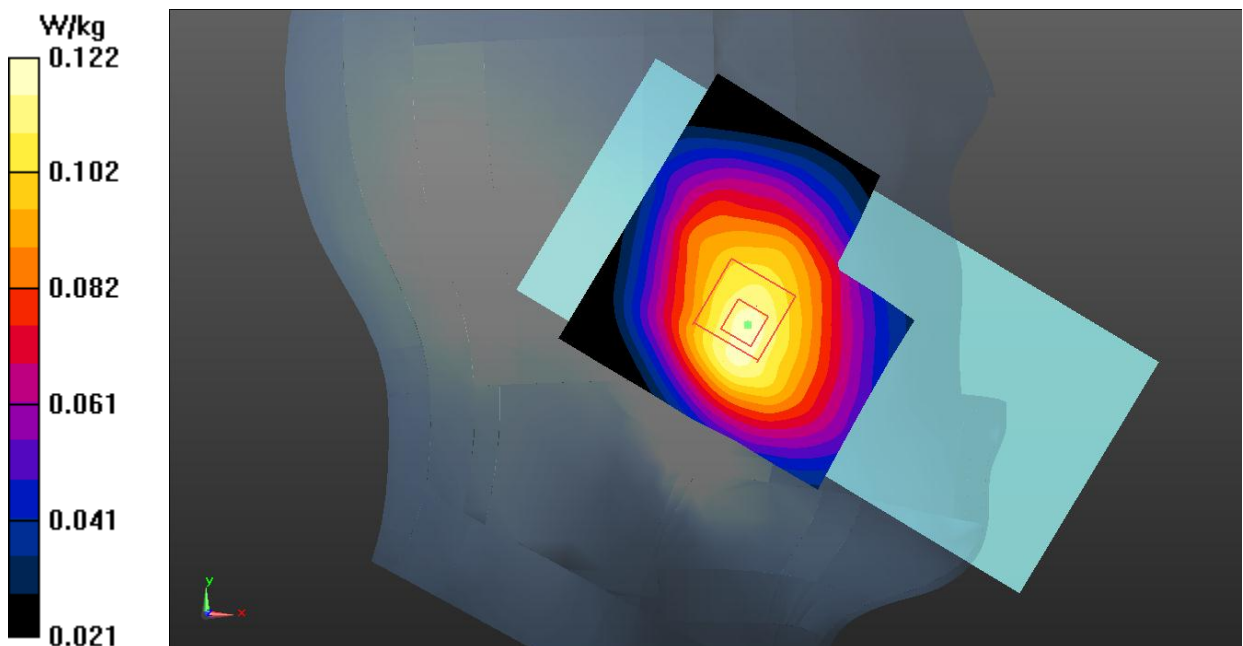
**Left Cheek Middle 1RB49/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.119 W/kg**Left Cheek Middle 1RB49/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 3.657 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.138 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.086 W/kg**

Maximum value of SAR (measured) = 0.122 W/kg



**LTE Band 12 Body**

Date: 2022-1-25

Electronics: DAE4 Sn786

Medium: Head 750MHz

Medium parameters used:  $f = 708$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 41.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 707.5 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

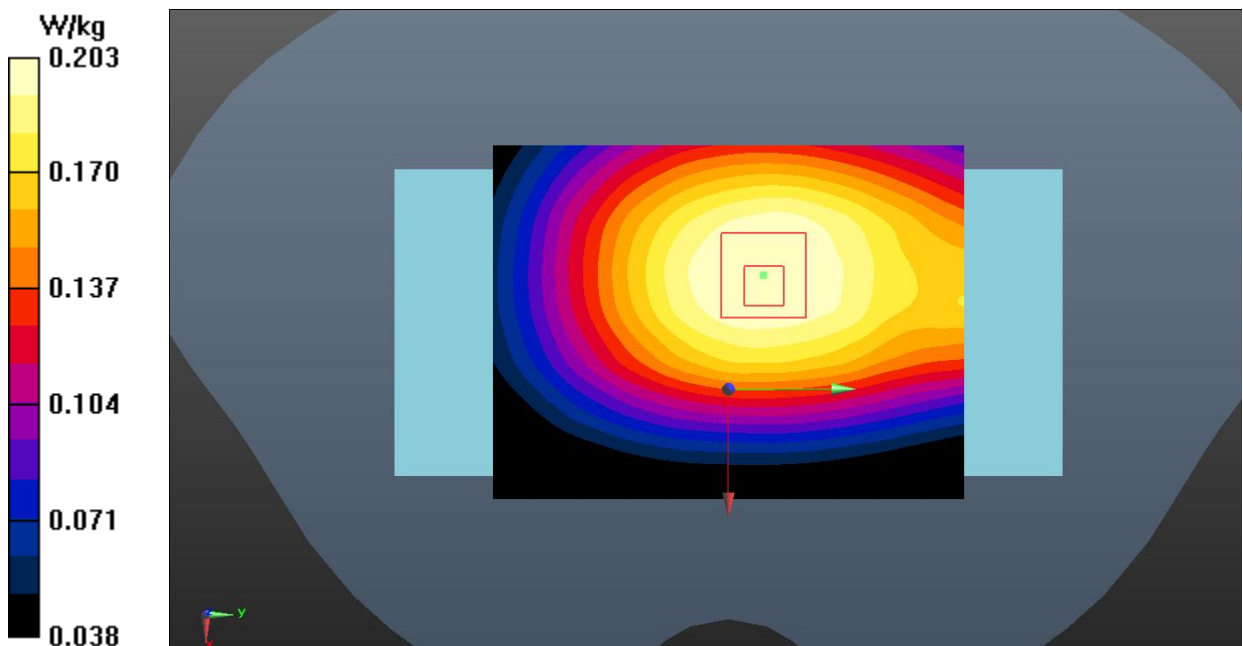
**Rear Side Middle 1RB49/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.205 W/kg**Rear Side Middle 1RB49/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.14 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 0.203 W/kg



**LTE Band 28 Head**

Date: 2022-1-25

Electronics: DAE4 Sn786

Medium: Head 750MHz

Medium parameters used:  $f = 728$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 41.289$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 728 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

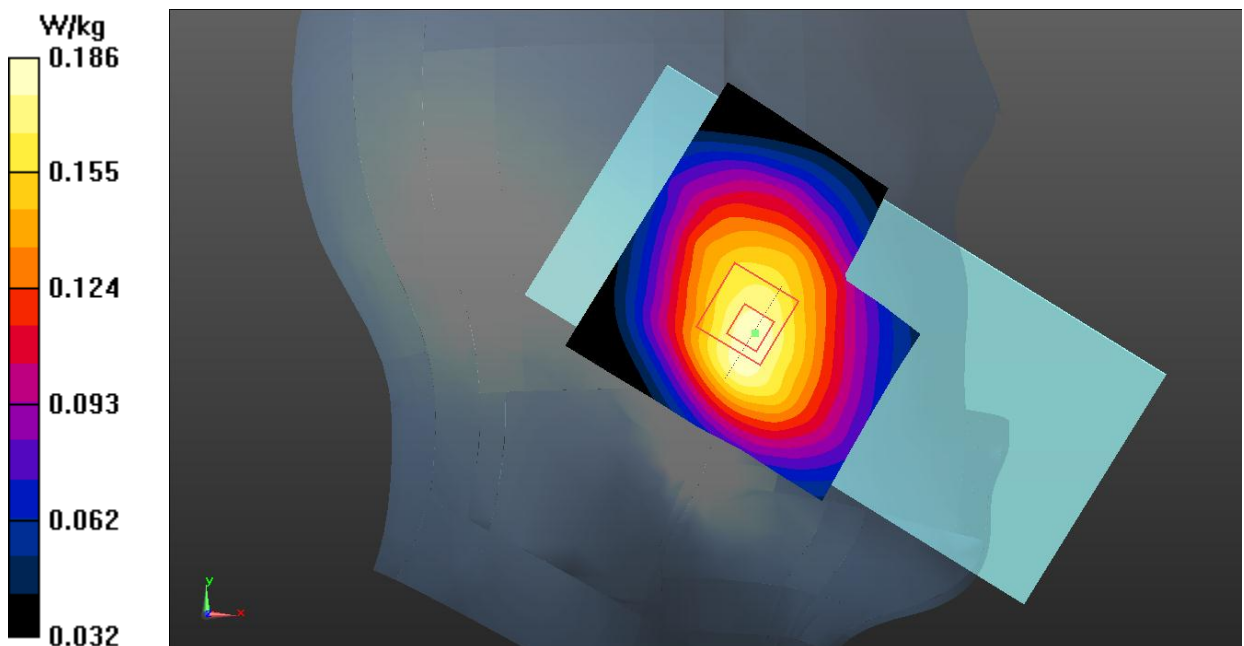
**Left Cheek Middle 1RB99/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.184 W/kg**Left Cheek Middle 1RB99/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.019 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.131 W/kg**

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



**LTE Band 28 Body**

Date: 2022-1-25

Electronics: DAE4 Sn786

Medium: Head 750MHz

Medium parameters used:  $f = 728 \text{ MHz}$ ;  $\sigma = 0.895 \text{ S/m}$ ;  $\epsilon_r = 41.289$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Communication System: UID 0, LTE\_FDD (0) Frequency: 728 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

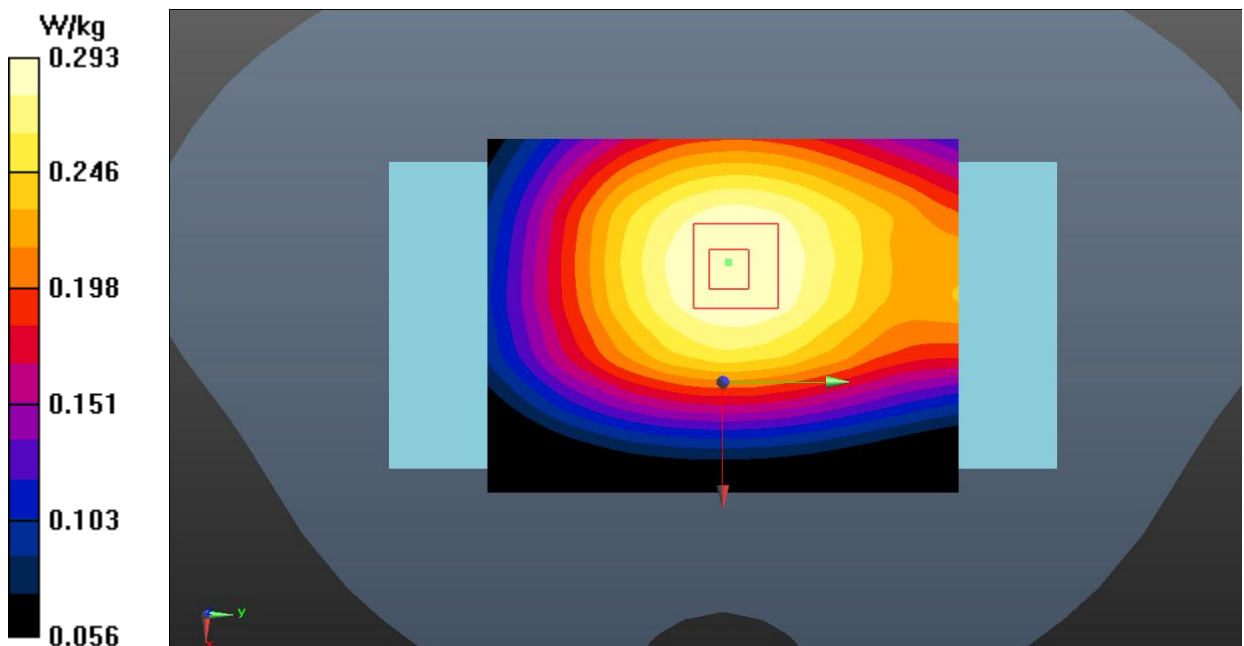
**Rear Side Middle 1RB99/Area Scan (61x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.297 W/kg**Rear Side Middle 1RB99/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 17.31 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.208 W/kg**

Maximum value of SAR (measured) = 0.293 W/kg



**LTE Band 66 Head**

Date: 2022-1-24

Electronics: DAE4 Sn786

Medium: Head 1750MHz

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 39.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

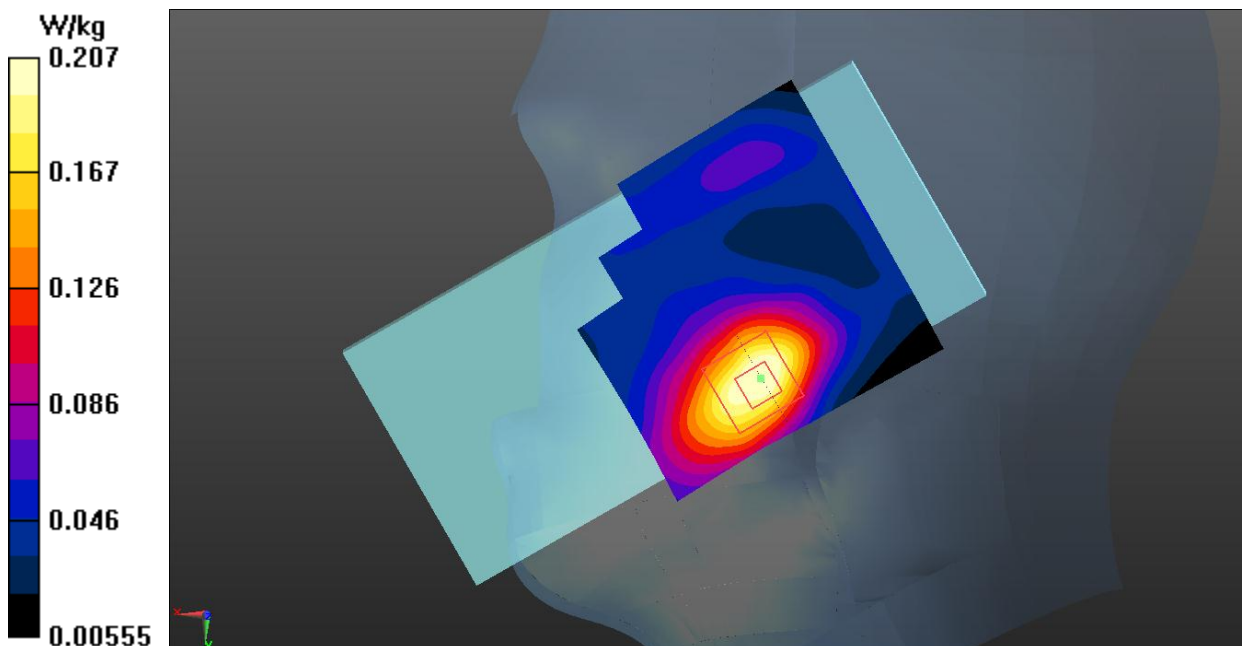
**Right Cheek Low 1RB99/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.220 W/kg**Right Cheek Low 1RB99/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.404 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.115 W/kg**

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



**LTE Band 66 Body**

Date: 2022-1-24

Electronics: DAE4 Sn786

Medium: Head 1750MHz

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 39.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, LTE\_FDD (0) Frequency: 1745 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

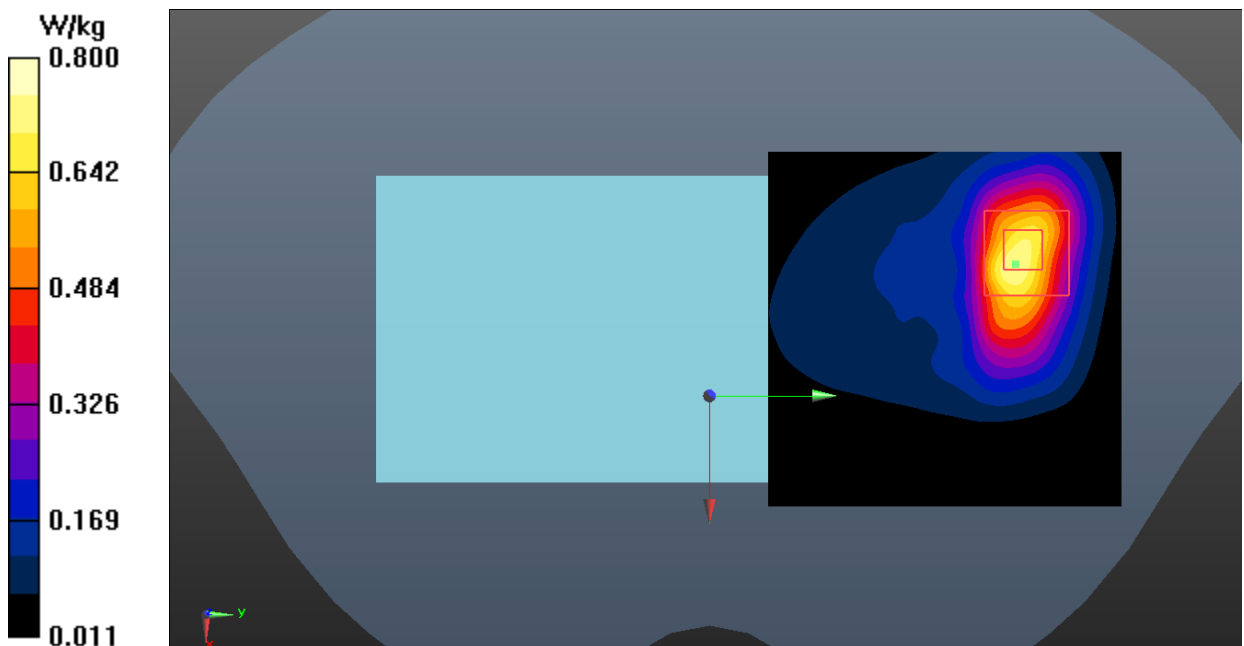
**Rear Side Middle 1RB99/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.742 W/kg**Rear Side Middle 1RB99/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.768 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.329 W/kg**

Maximum value of SAR (measured) = 0.800 W/kg





**WLAN 2.4G Head**

Date: 2022-2-9

Electronics: DAE4 Sn786

Medium: Head 2450MHz

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.849$  S/m;  $\epsilon_r = 38.333$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, WiFi (0) Frequency: 2462 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

**Right Cheek High/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.717 W/kg

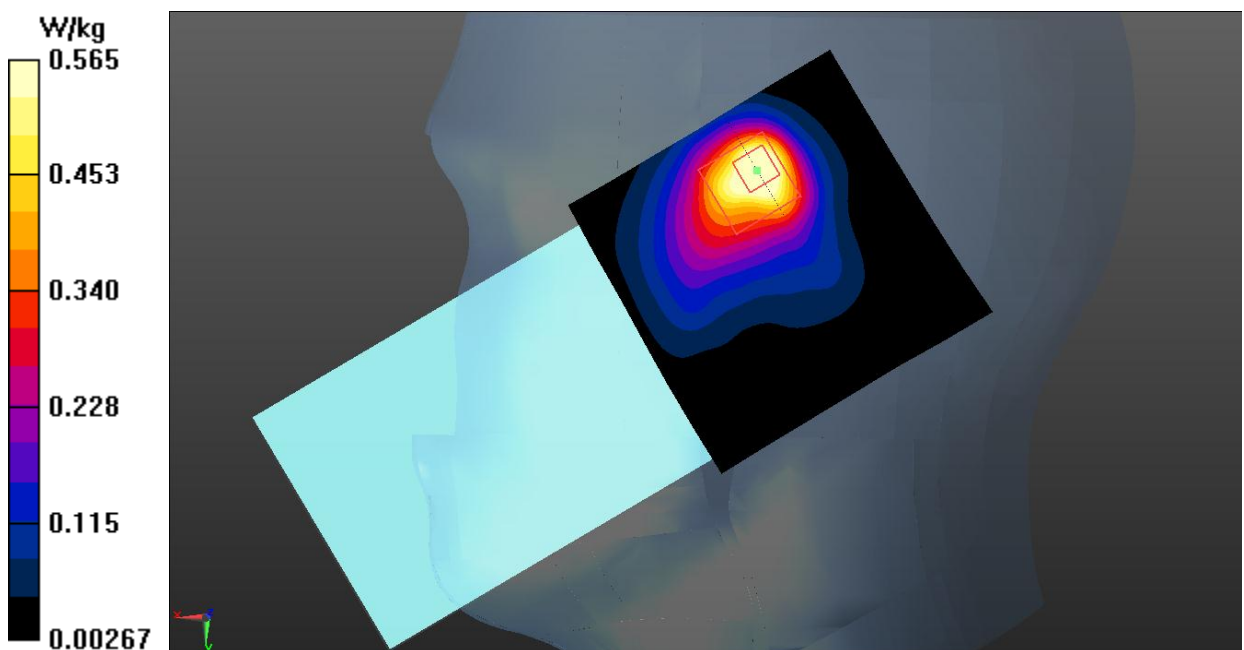
**Right Cheek High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.869 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.952 W/kg

**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.237 W/kg**

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



**WLAN 2.4G Body**

Date: 2022-2-9

Electronics: DAE4 Sn786

Medium: Head 2450MHz

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.849$  S/m;  $\epsilon_r = 38.333$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: UID 0, WiFi (0) Frequency: 2462 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

**Rear Side High/Area Scan (111x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.216 W/kg

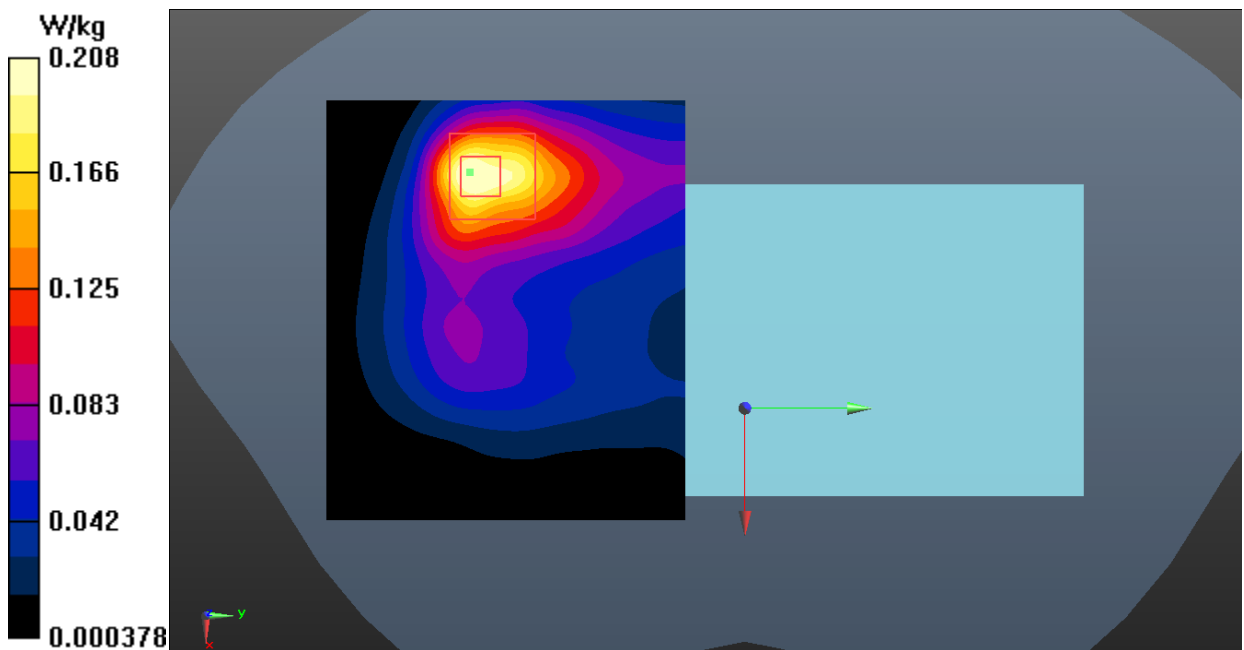
**Rear Side High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.958 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.208 W/kg



#### K.4. System Verification Results for Spot Check

##### 750MHz

Date: 2022-1-25

Electronics: DAE4 Sn786

Medium: Head 750MHz

Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.909 \text{ S/m}$ ;  $\epsilon_r = 41.025$ ;  $\rho = 1000 \text{ kg/m}^3$

Communication System: CW\_TMC Frequency: 750 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

**System Validation/Area Scan (81x161x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Reference Value = 61.745 V/m; Power Drift = 0.08 dB

**SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.43 W/kg**

Maximum value of SAR (interpolated) = 2.75 W/kg

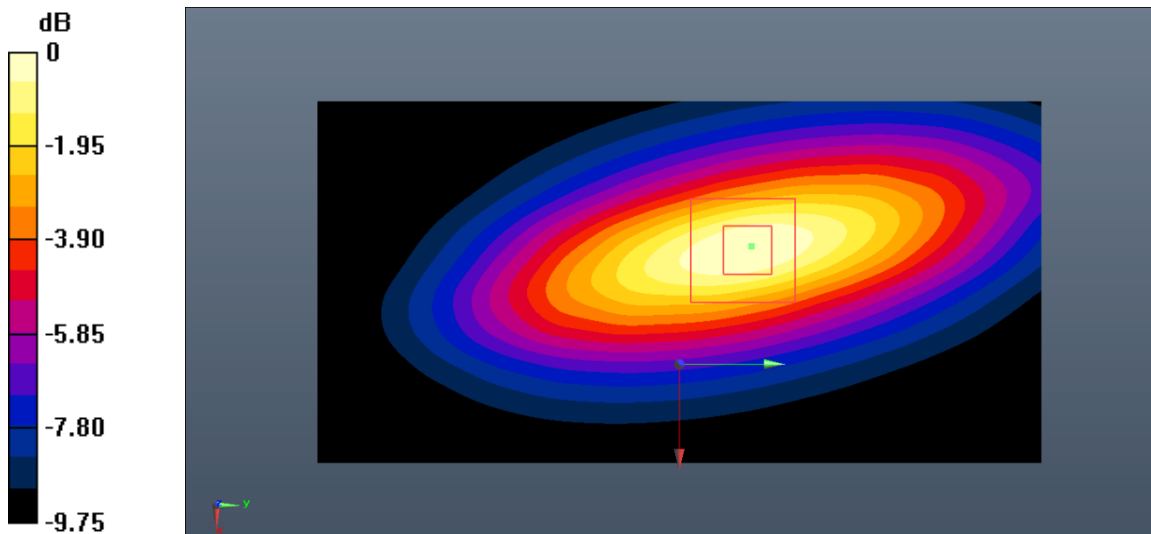
**System Validation/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 61.745 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.35 W/kg

**SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.45 W/kg**

Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dB W/kg

**835MHz**

Date: 2022-1-27

Electronics: DAE4 Sn786

Medium: Head 835MHz

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 40.842$ ;  $\rho = 1000 \text{ kg/m}^3$

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

Probe: ES3DV3 – SN3151 ConvF (6.40, 6.40, 6.40);

**System Validation/Area Scan (81x151x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Reference Value = 64.824 V/m; Power Drift = -0.12 dB

**SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.62 W/kg**

Maximum value of SAR (interpolated) = 3.38 W/kg

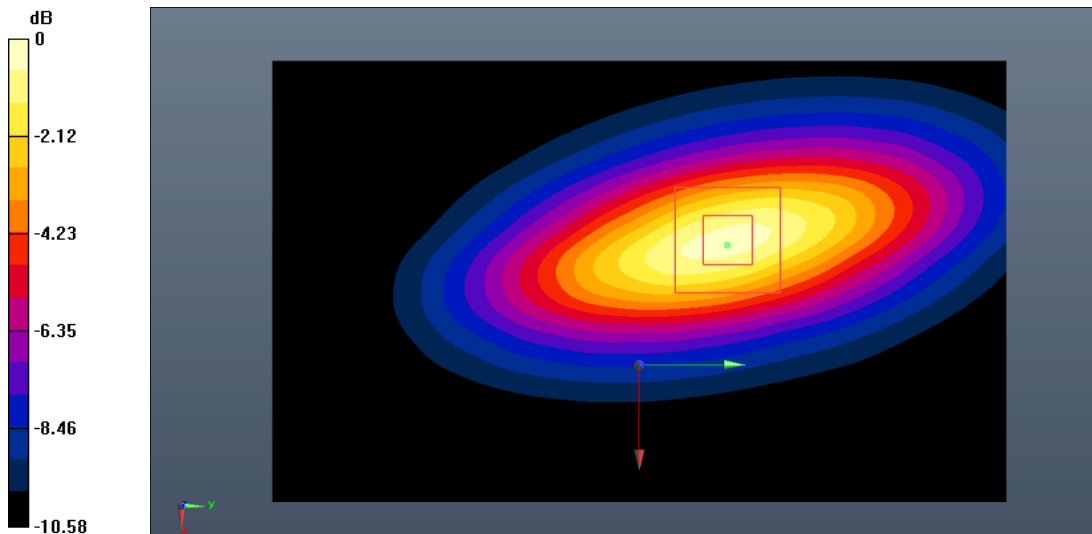
**System Validation/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 64.824 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.61 W/kg

**SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.59 W/kg**

Maximum value of SAR (measured) = 3.35 W/kg



0 dB = 3.35 W/kg = 5.25 dB W/kg

**1750MHz**

Date: 2022-1-24

Electronics: DAE4 Sn786

Medium: Head 1750MHz

Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.383$  S/m;  $\epsilon_r = 39.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: CW\_TMC Frequency: 1750 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (5.25, 5.25, 5.25);

**System Validation/Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 78.628 V/m; Power Drift = 0.15 dB

**SAR(1 g) = 9.06 W/kg; SAR(10 g) = 4.78 W/kg**

Maximum value of SAR (interpolated) = 10.8 W/kg

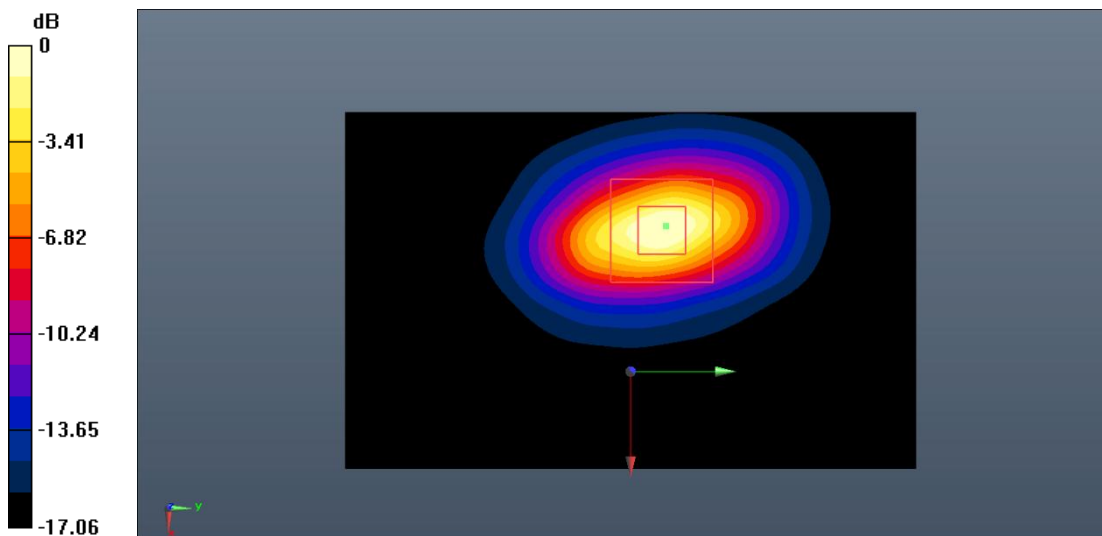
**System Validation/Zoom Scan (7x7x7)/Cube0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.628 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 21.9 W/kg

**SAR(1 g) = 9.30 W/kg; SAR(10 g) = 4.88 W/kg**

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dB W/kg

**1900MHz**

Date: 2022-1-28

Electronics: DAE4 Sn786

Medium: Head 1900MHz

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.418$  S/m;  $\epsilon_r = 39.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Probe: ES3DV3 – SN3151 ConvF (5.09, 5.09, 5.09);

**System Validation/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 82.466 V/m; Power Drift = 0.09 dB

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.12 W/kg**

Maximum value of SAR (interpolated) = 12.2 W/kg

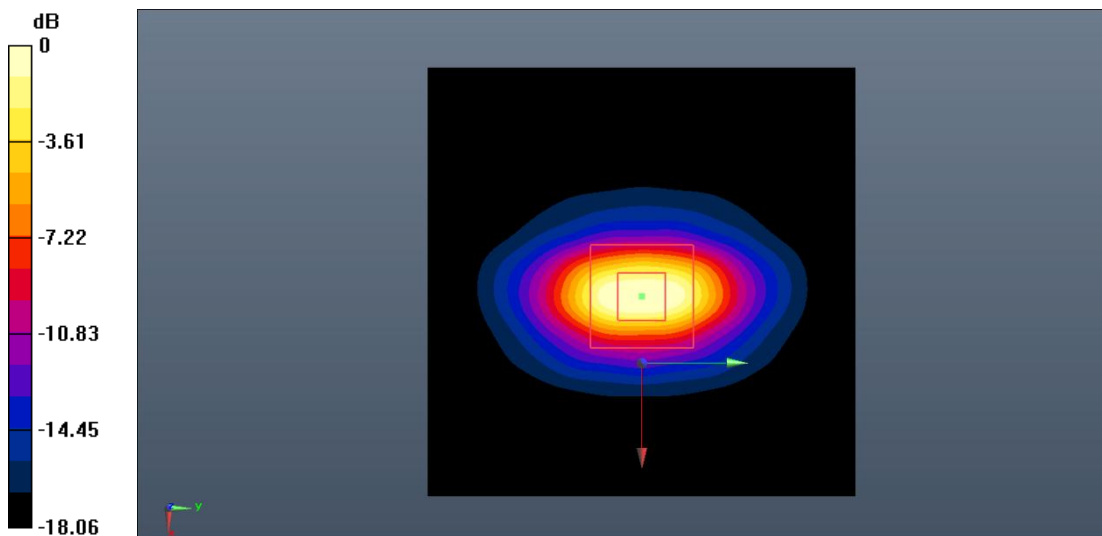
**System Validation/Zoom Scan (7x7x7)/Cube0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.466 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 26.4 W/kg

**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.27 W/kg**

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dB W/kg

**2450MHz**

Date: 2022-2-9

Electronics: DAE4 Sn786

Medium: Head 2450MHz

Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.835 \text{ S/m}$ ;  $\epsilon_r = 38.373$ ;  $\rho = 1000 \text{ kg/m}^3$

Communication System: CW\_TMC Frequency: 2450 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

**System Validation/Area Scan (81x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Reference Value = 88.963 V/m; Power Drift = 0.11 dB

**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.05 W/kg**

Maximum value of SAR (interpolated) = 15.3 W/kg

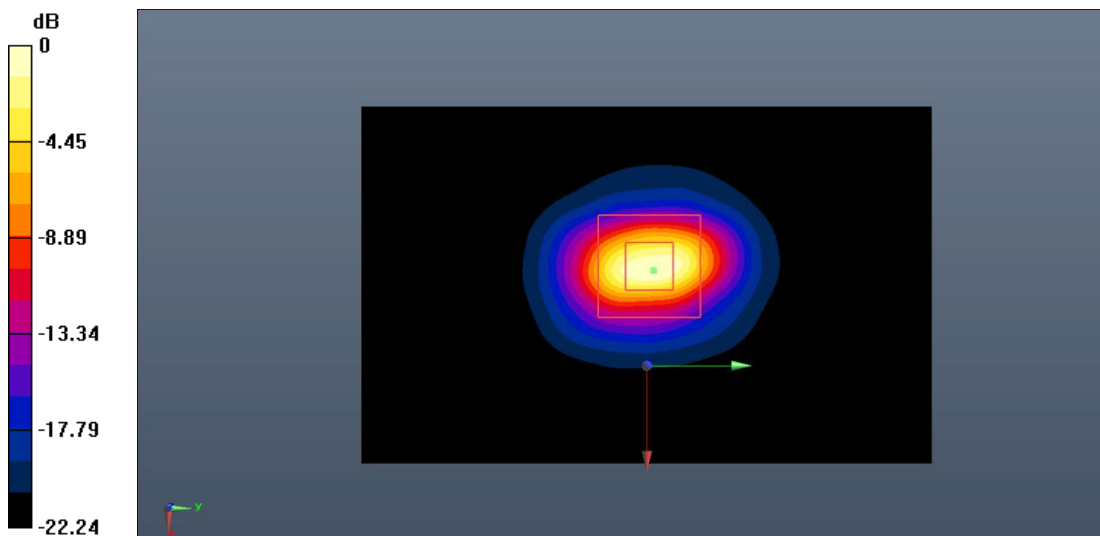
**System Validation/Zoom Scan (7x7x7)/Cube0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 88.963 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 27.4 W/kg

**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.14 W/kg**

Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dB W/kg

**2550MHz**

Date: 2022-1-20

Electronics: DAE4 Sn786

Medium: Head 2550MHz

Medium parameters used:  $f = 2550$  MHz;  $\sigma = 1.954$  S/m;  $\epsilon_r = 38.258$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Communication System: CW\_TMC Frequency: 2550 MHz Duty Cycle: 1:1

Probe: ES3DV3 – SN3151 ConvF (4.58, 4.58, 4.58);

**System Validation/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 93.731 V/m; Power Drift = 0.11 dB

**SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.35 W/kg**

Maximum value of SAR (interpolated) = 16.3 W/kg

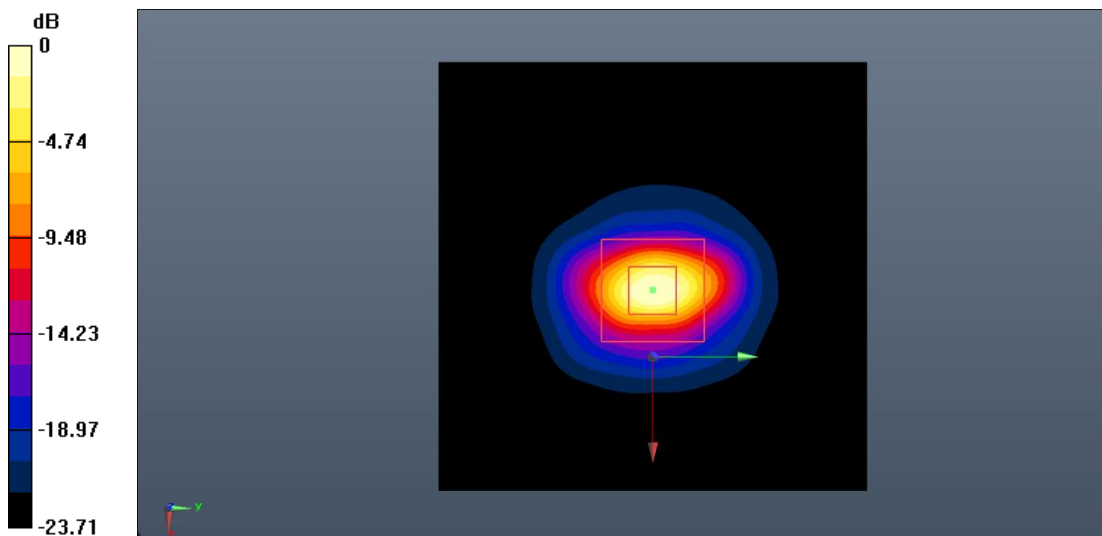
**System Validation/Zoom Scan (7x7x7)/Cube0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.731 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 38.7 W/kg

**SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.48 W/kg**

Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.5 W/kg = 12.17 dB W/kg

**\*\*\*END OF REPORT\*\*\***