

**P07 LTE 7\_QPSK20M\_Left Cheek\_Ch21100\_1RB\_OS0**

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL2600\_0908 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.896$  S/m;  $\epsilon_r = 39.677$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(7.82, 7.82, 7.82) @ 2535 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (91x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

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

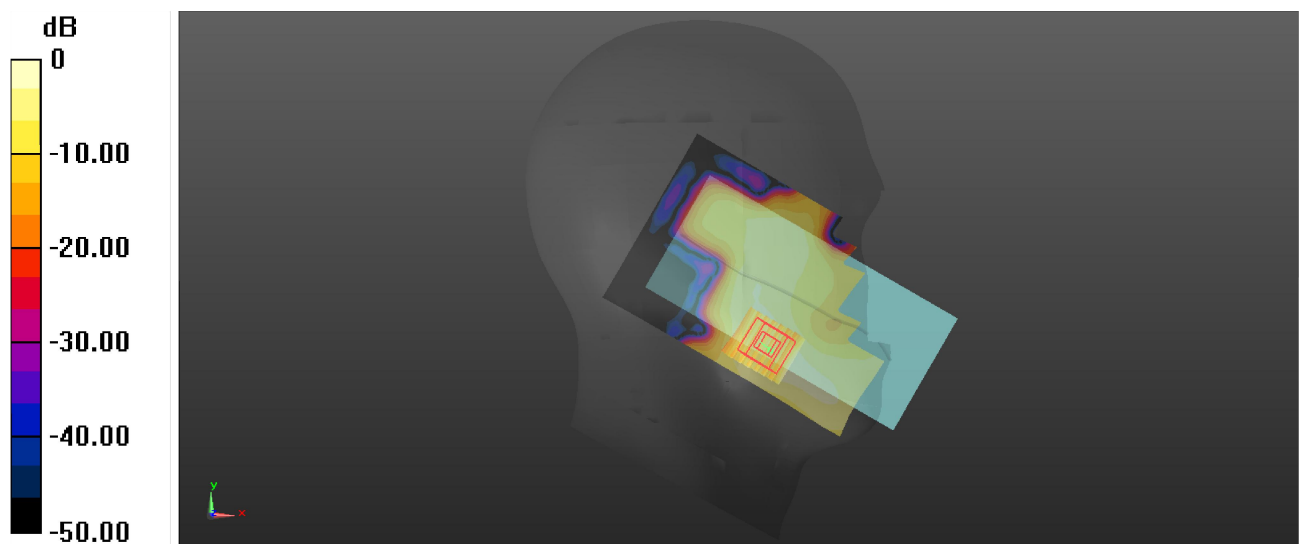
**-Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.910 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg

**P08 LTE 12\_QPSK10M\_Left Cheek\_Ch23060\_1RB\_OS0**

Communication System: LTE ; Frequency: 704 MHz; Duty Cycle: 1:1

Medium: HSL750\_0907 Medium parameters used:  $f = 704$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 40.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.02, 11.02, 11.02) @ 704 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

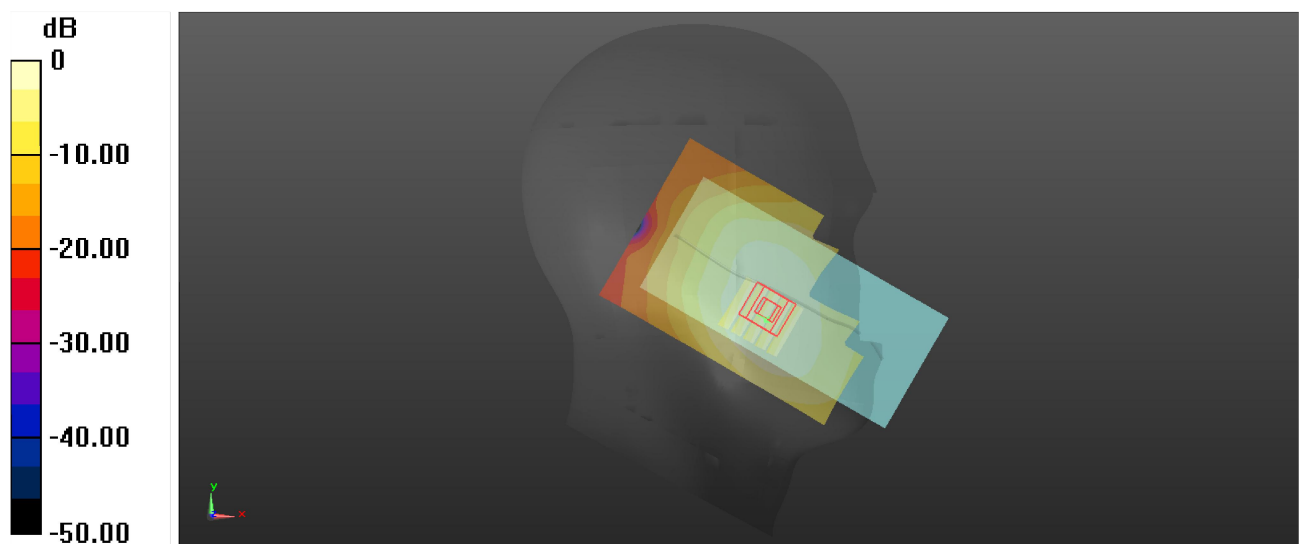
**-Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.920 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.225 W/kg



0 dB = 0.225 W/kg

**P09 LTE 13\_QPSK10M\_Right Cheek\_Ch23230\_1RB\_OS0**

Communication System: LTE ; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL750\_0907 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.884$  S/m;  $\epsilon_r = 40.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(11.02, 11.02, 11.02) @ 782 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.456 W/kg

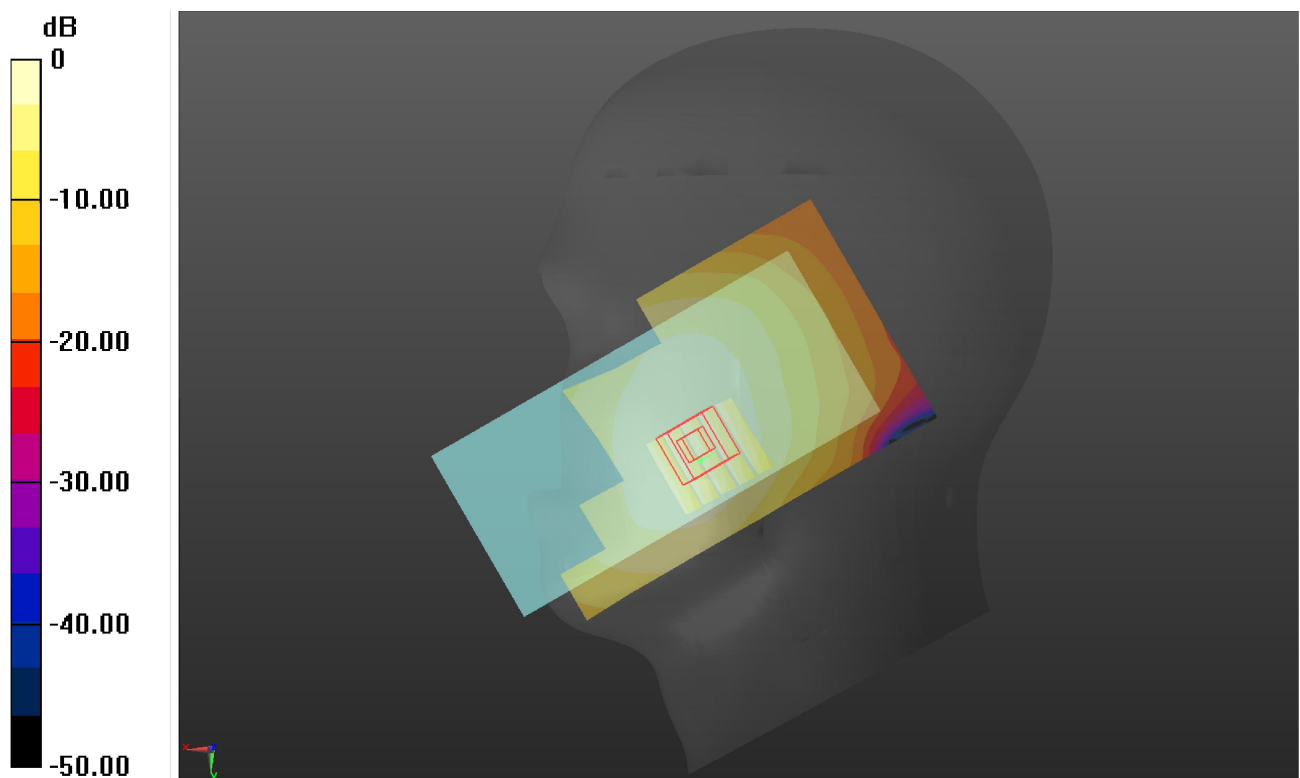
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.699 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.517 W/kg

**SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.469 W/kg



**P10 LTE 14\_QPSK10M\_Right Cheek\_Ch23330\_1RB\_OS0**

Communication System: LTE ; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL750\_0907 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 40.263$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(11.02, 11.02, 11.02) @ 793 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x101x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.324 W/kg

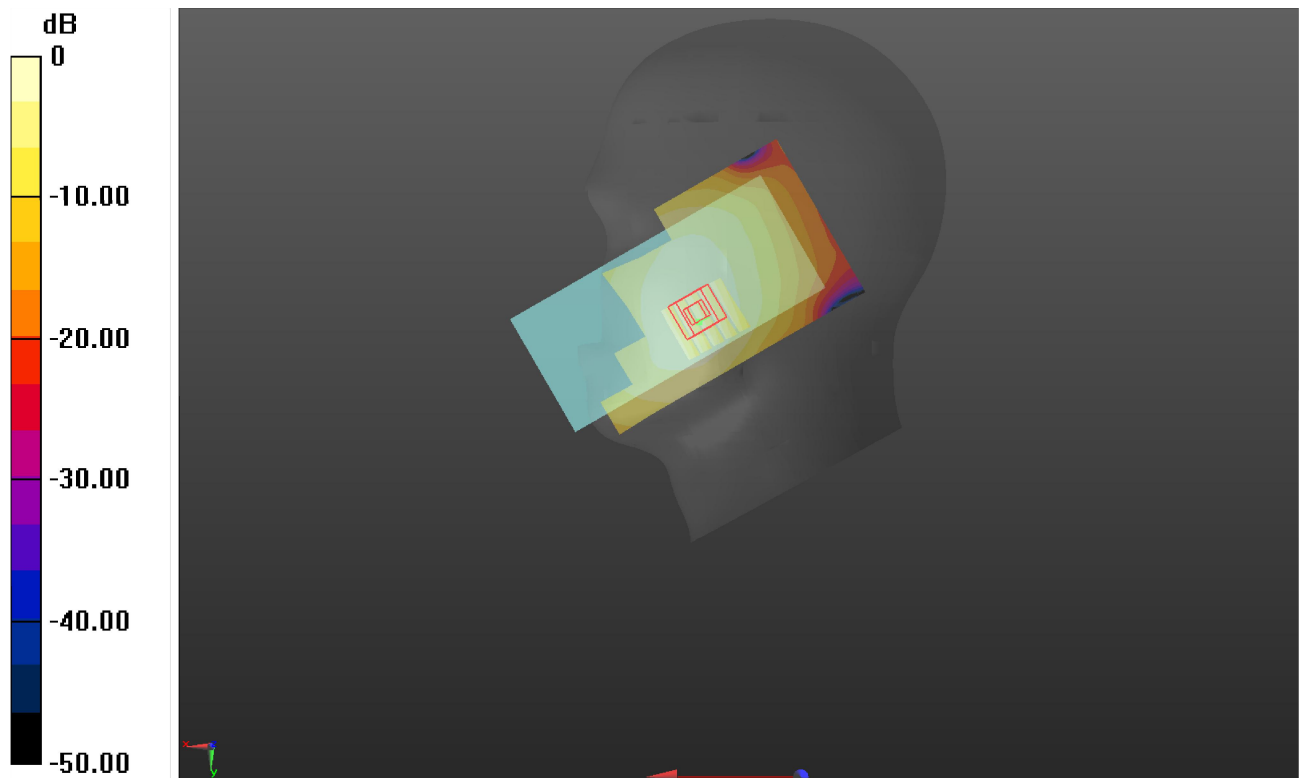
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.415 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg

**P11 LTE 25\_QPSK20M\_Right Cheek\_Ch26590\_1RB\_OS0**

Communication System: LTE ; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL1900\_0906 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.453$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

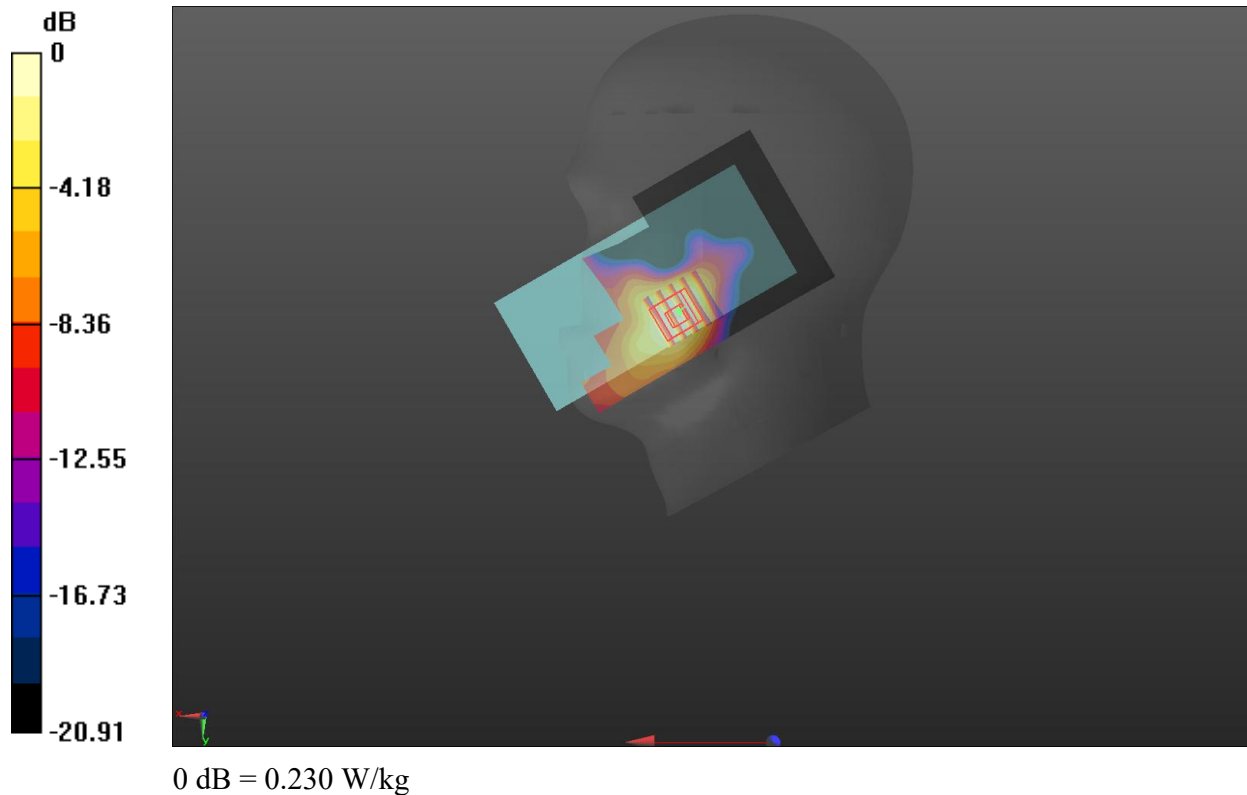
Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.9, 8.9, 8.9) @ 1905 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x101x1)**: Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.271 W/kg

- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 0.4510 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.289 W/kg  
**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.096 W/kg**  
Maximum value of SAR (measured) = 0.230 W/kg



**P12 LTE 26\_QPSK15M\_Left Cheek\_Ch26965\_1RB\_OS74**

Communication System: LTE ; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL835\_0907 Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 40.062$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(10.73, 10.73, 10.73) @ 841.5 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

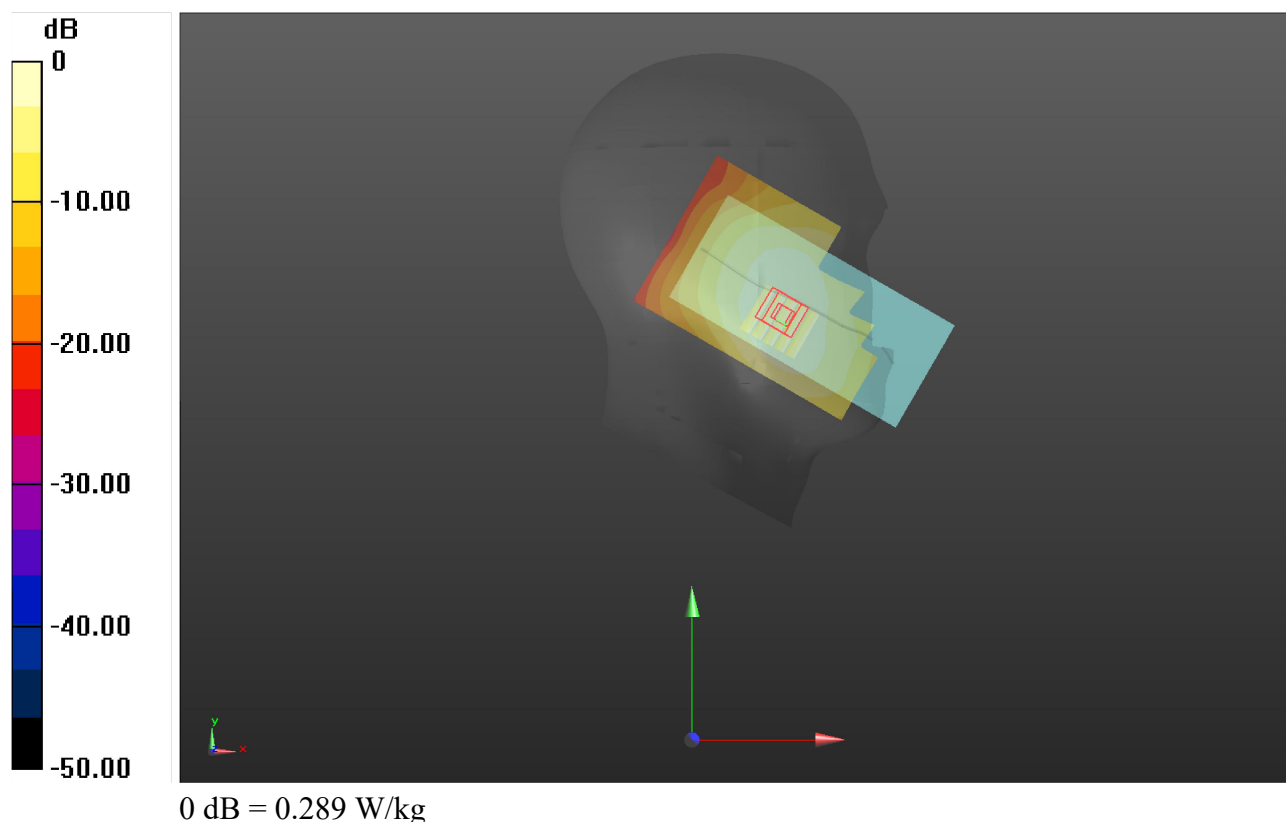
**-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.621 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.180 W/kg**

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



**P13 LTE 30\_QPSK10M\_Left Cheek\_Ch27710\_1RB\_OS0**

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL2300\_0908 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.655$  S/m;  $\epsilon_r = 40.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(8.39, 8.39, 8.39) @ 2310 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

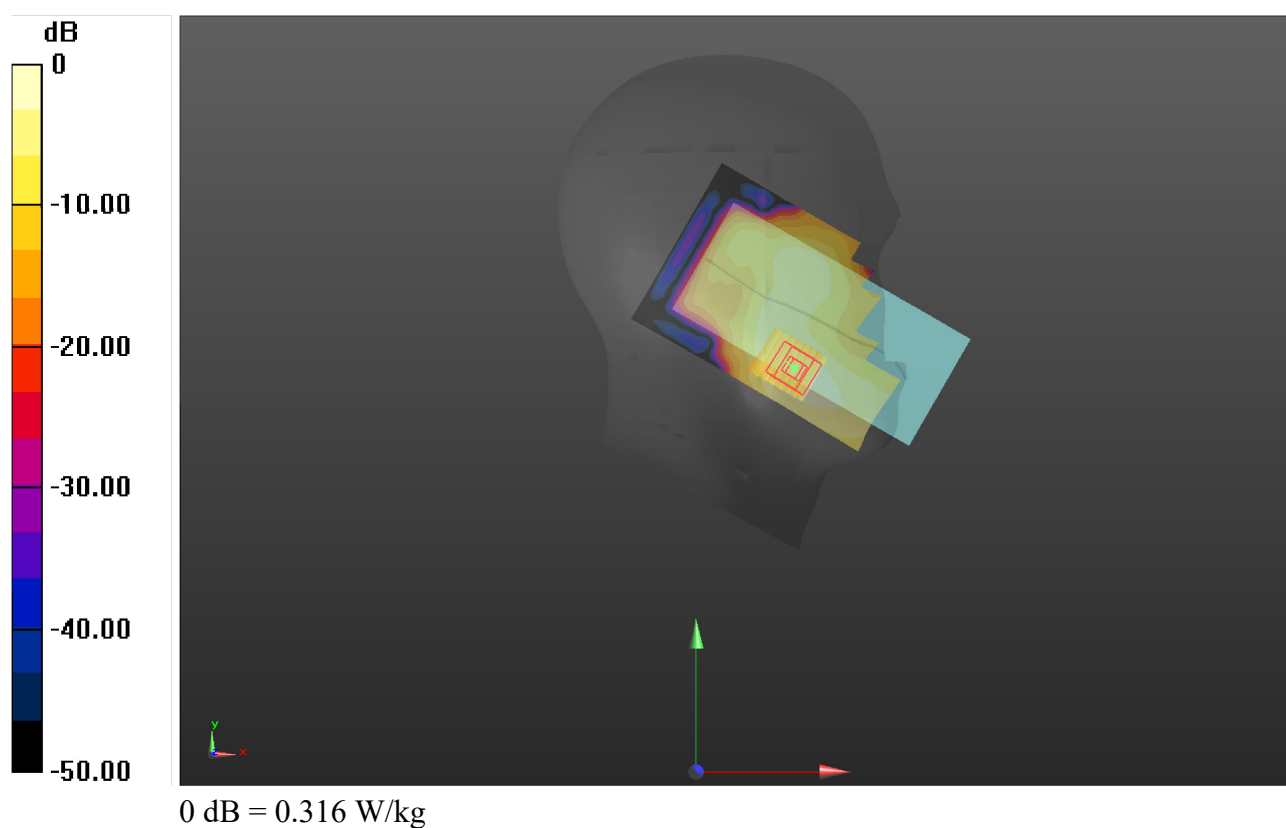
**-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.301 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.316 W/kg



**P14 LTE 41\_QPSK20M\_Left Cheek\_Ch41055\_1RB\_OS0**

Communication System: LTE TDD; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: HSL2600\_0908 Medium parameters used:  $f = 2637$  MHz;  $\sigma = 2.005$  S/m;  $\epsilon_r = 39.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(7.82, 7.82, 7.82) @ 2636.5 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

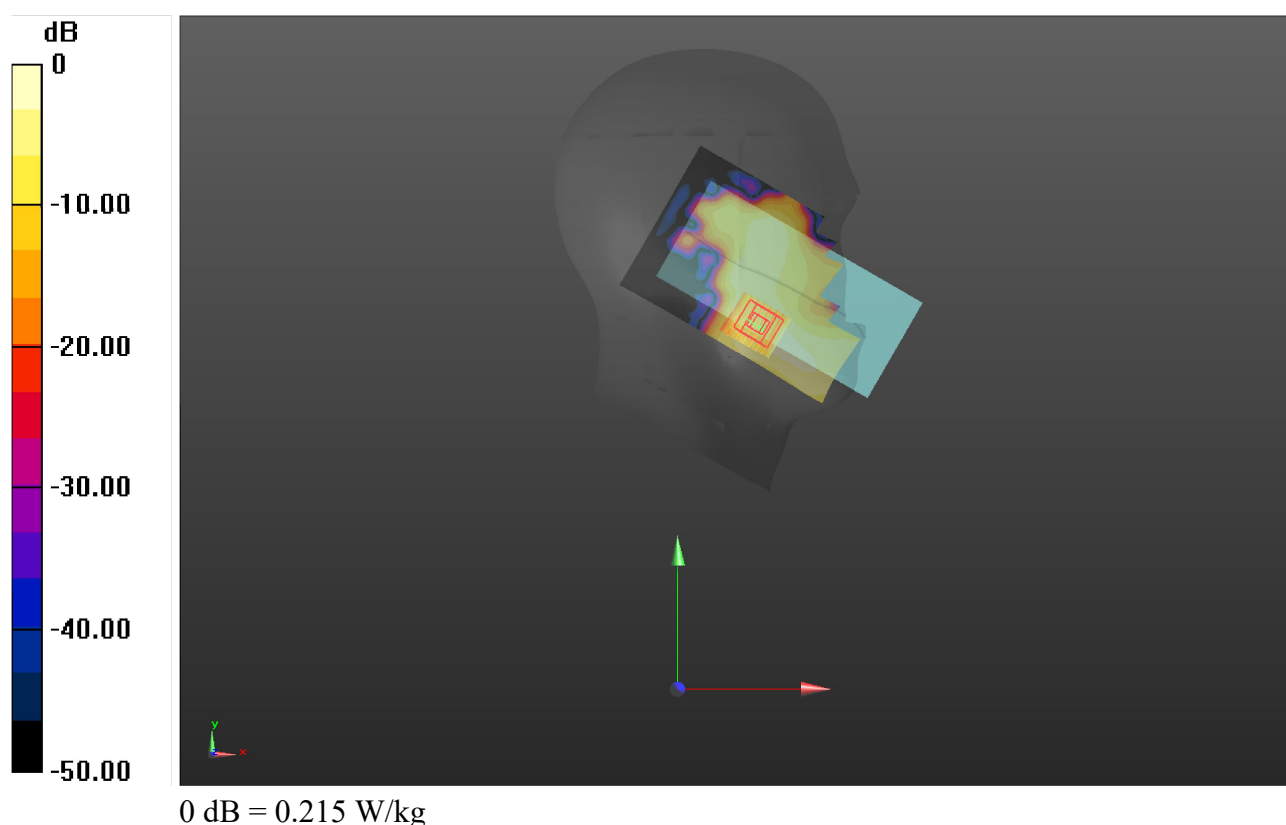
**-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.9860 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.215 W/kg



**P15 LTE 66\_QPSK20M\_Right Cheek\_Ch132072\_1RB\_OS50**

Communication System: LTE ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750\_0906 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.326$  S/m;  $\epsilon_r = 40.878$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(9.08, 9.08, 9.08) @ 1720 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.187 W/kg

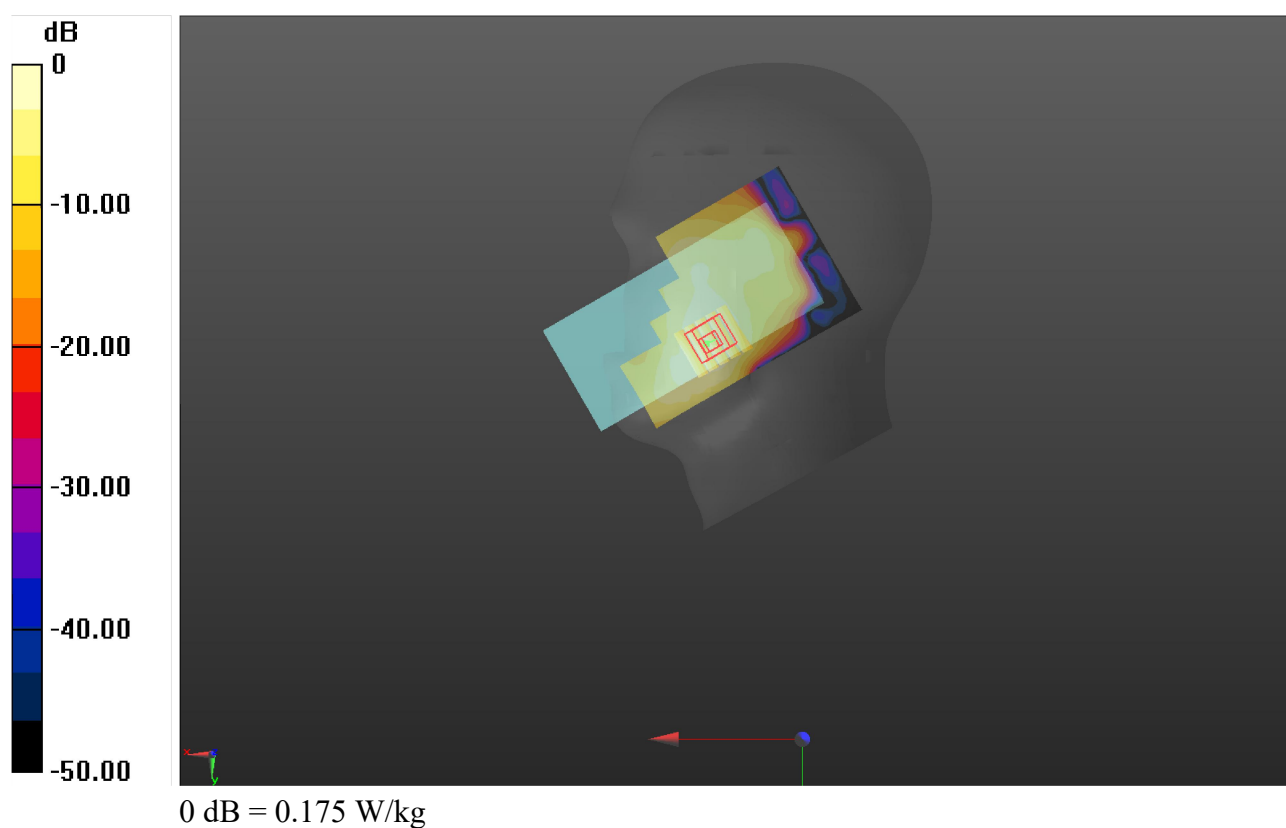
**-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.986 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.204 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.085 W/kg**

Maximum value of SAR (measured) = 0.175 W/kg



**P16 LTE 71\_QPSK20M\_Right Cheek\_Ch133222\_1RB\_OS50**

Communication System: LTE ; Frequency: 673 MHz; Duty Cycle: 1:1

Medium: HSL750\_0907 Medium parameters used:  $f = 673$  MHz;  $\sigma = 0.86$  S/m;  $\epsilon_r = 44.144$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.02, 11.02, 11.02) @ 673 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x131x1)**: Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

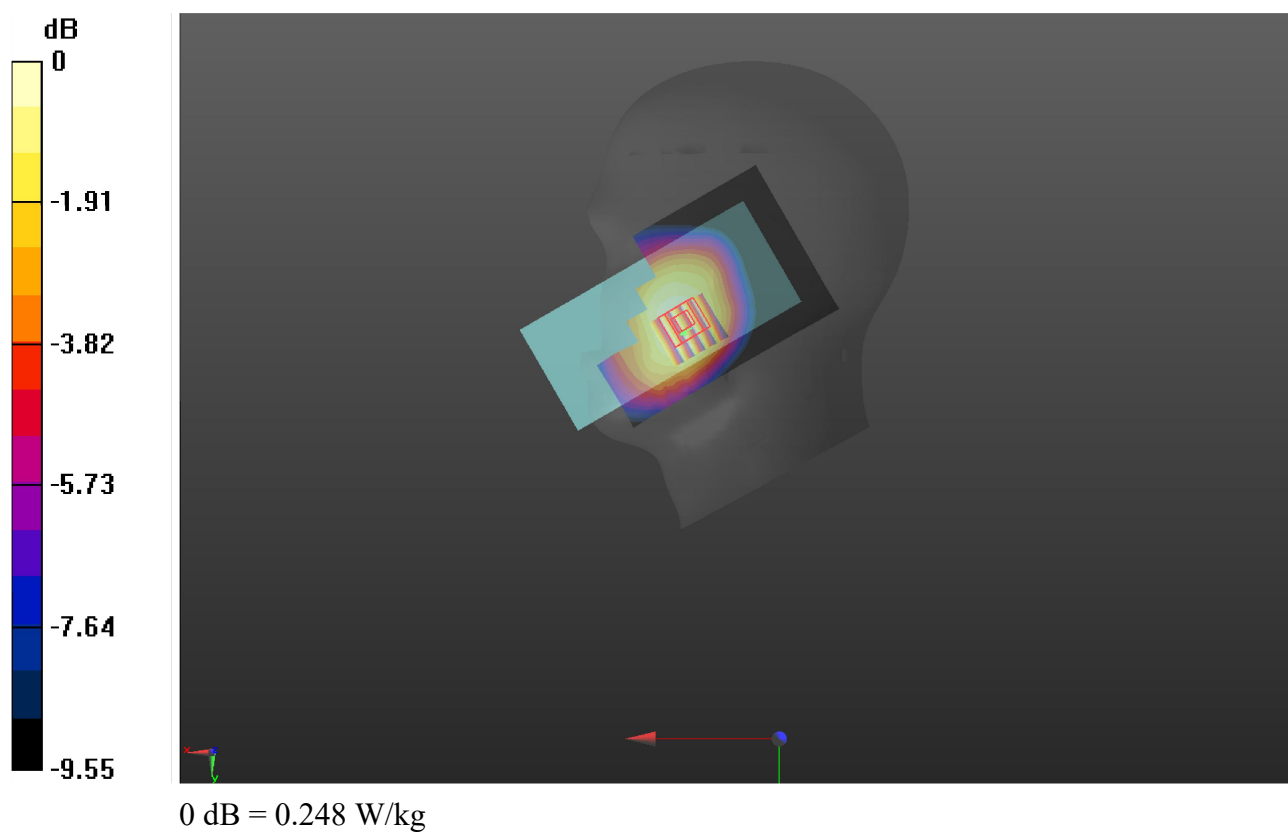
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.719 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.268 W/kg

**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.248 W/kg



**P17 WLAN2.4G\_802.11b\_Left Cheek\_Ch11**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450\_0908 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.813$  S/m;  $\epsilon_r = 39.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(8, 8, 8) @ 2462 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.660 W/kg

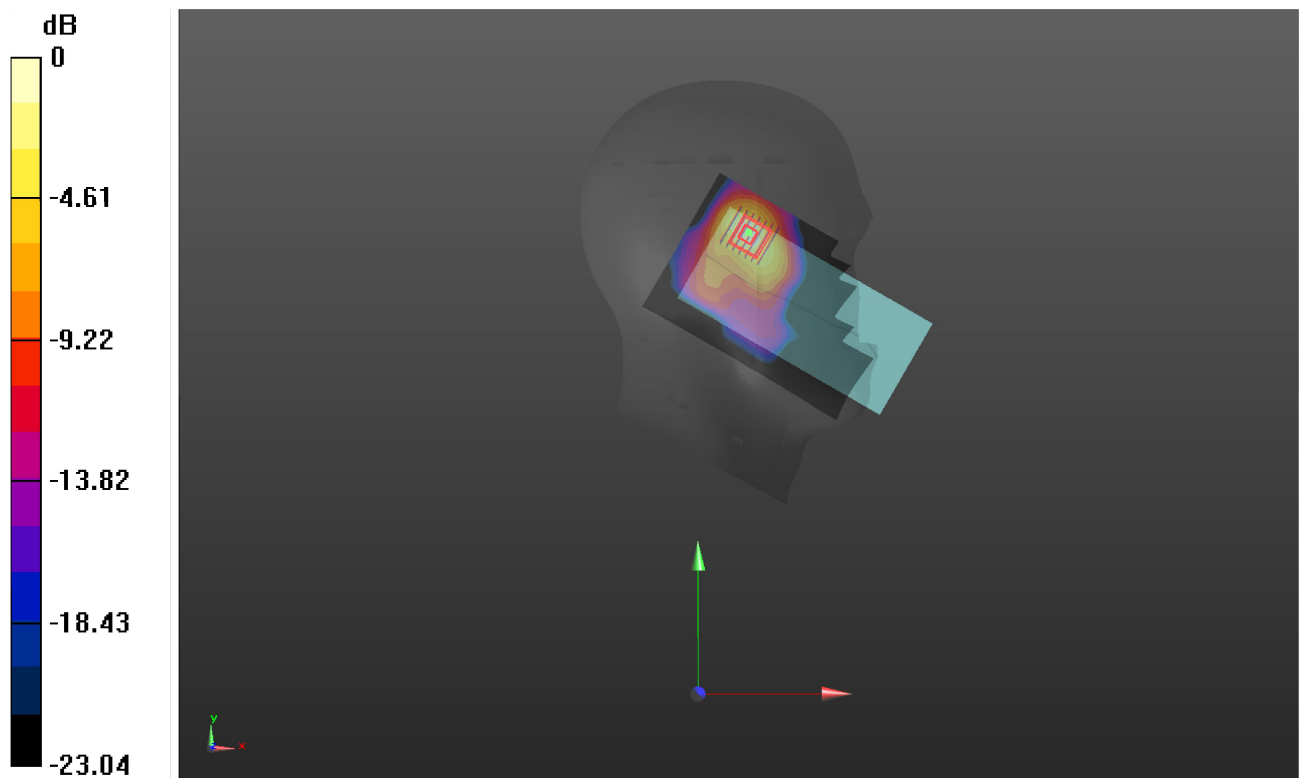
**-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.359 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.849 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.665 W/kg



0 dB = 0.665 W/kg

**P18 WLAN5G\_802.11a\_Left Cheek\_Ch60**

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:1.03

Medium: HSL5G\_0908 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.777$  S/m;  $\epsilon_r = 37.23$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(5.46, 5.46, 5.46) @ 5300 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (101x191x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 2.24 W/kg

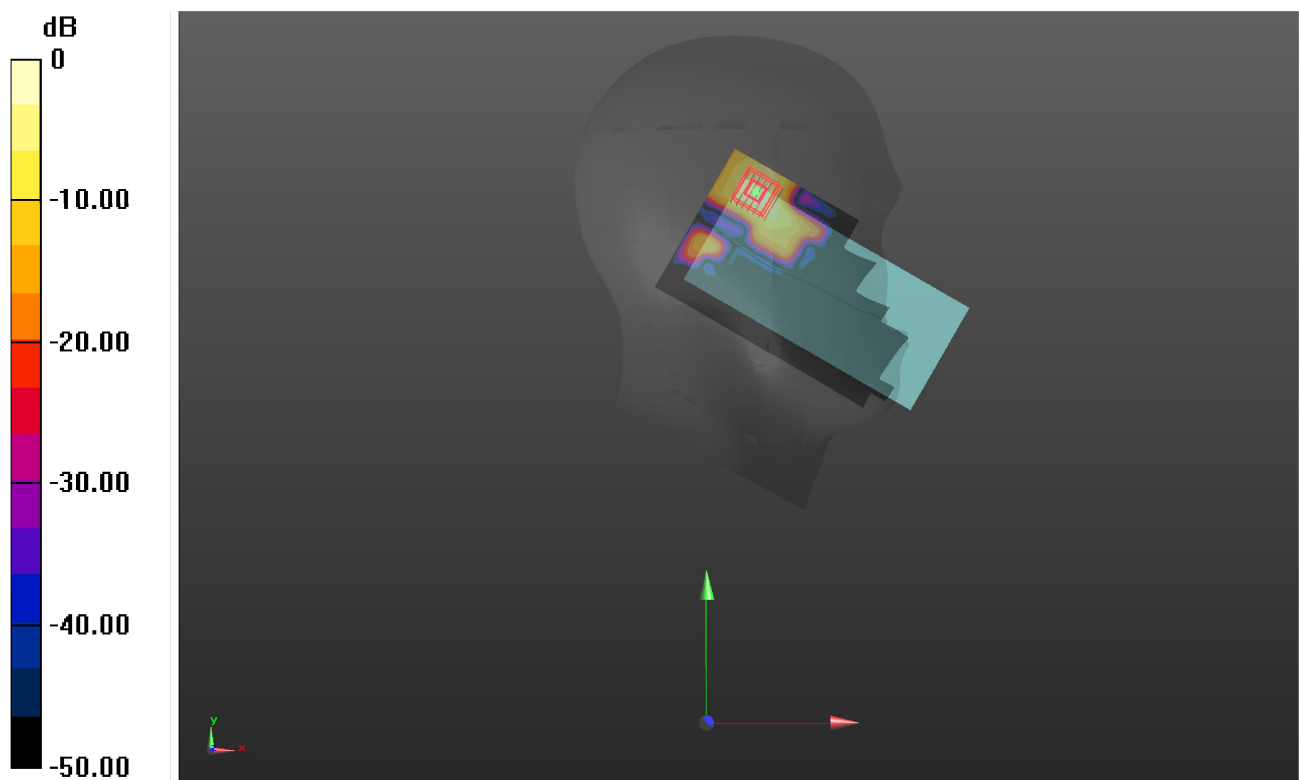
**-Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.517 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.42 W/kg

**SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.262 W/kg**

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.09 W/kg

**P19 WLAN5G\_802.11a\_Left Cheek\_Ch144**

Communication System: 802.11a ; Frequency: 5720 MHz; Duty Cycle: 1:1.03

Medium: HSL5G\_0908 Medium parameters used:  $f = 5720$  MHz;  $\sigma = 5.188$  S/m;  $\epsilon_r = 36.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.05, 5.05, 5.05) @ 5720 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x191x1)**: Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 2.76 W/kg

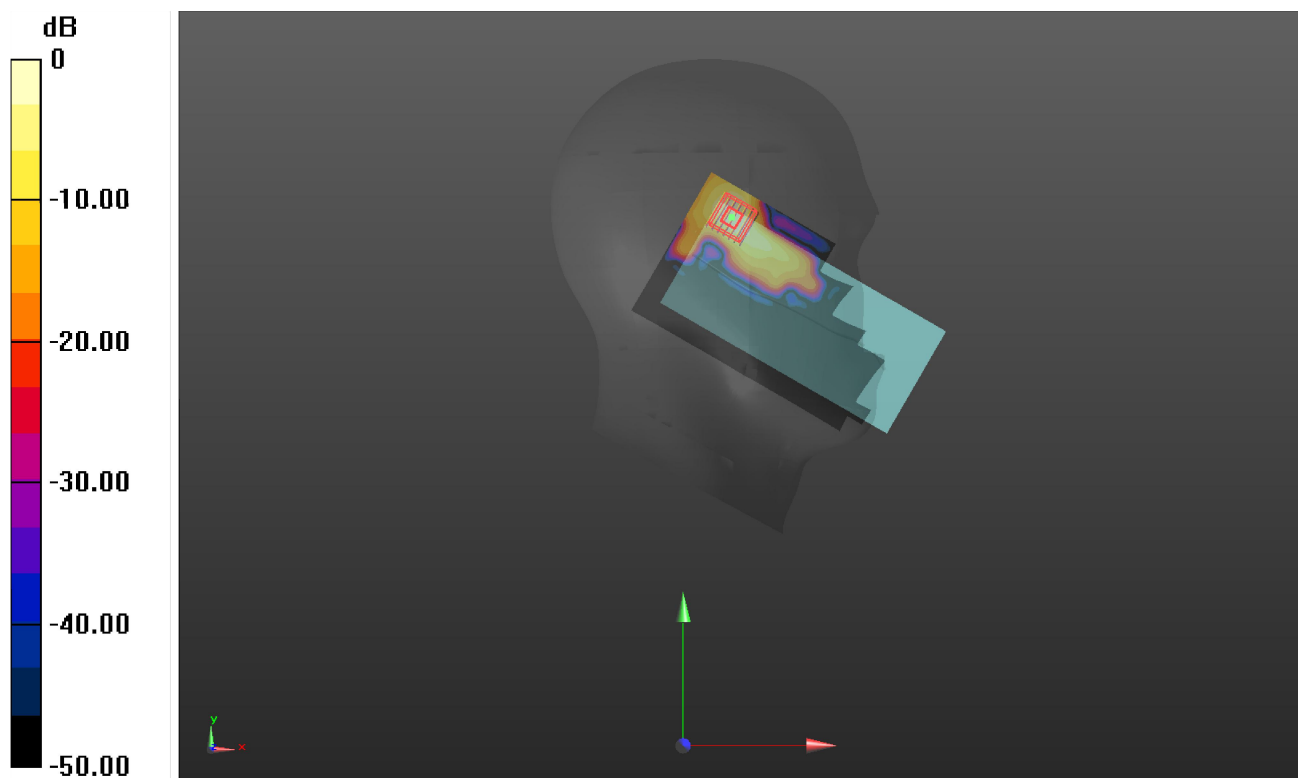
- **Zoom Scan (7x7x12)/Cube 0**: Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 1.817 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.38 W/kg

**SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg

**P20 WLAN5G\_802.11a\_Left Cheek\_Ch157**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL5G\_0908 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.254$  S/m;  $\epsilon_r = 36.597$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(5.05, 5.05, 5.05) @ 5785 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x191x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.11 W/kg

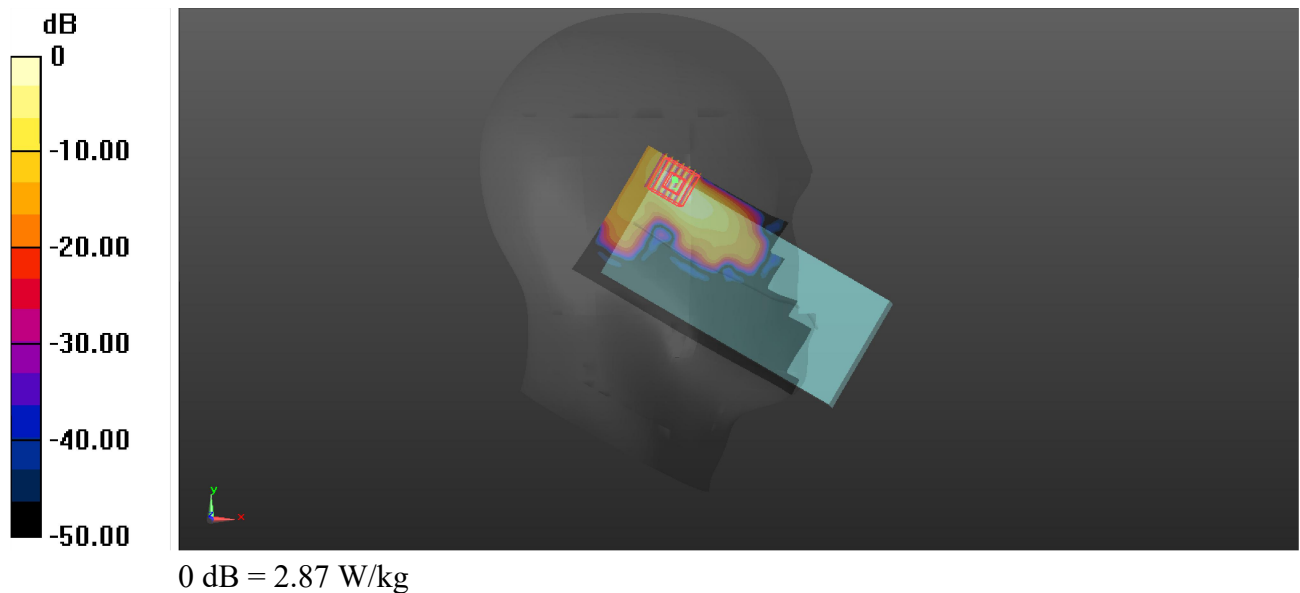
- **Zoom Scan (7x7x12)/Cube 0**: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.489 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.40 W/kg

**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.344 W/kg**

Maximum value of SAR (measured) = 2.87 W/kg



**P21 BT\_GFSK\_Left Cheek\_Ch78**

Communication System: BT; Frequency: 2480 MHz; Duty Cycle: 1:1.3

Medium: HSL2450\_0908 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.833$  S/m;  $\epsilon_r = 39.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(4.62, 4.62, 4.62) @ 2480 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0643 W/kg

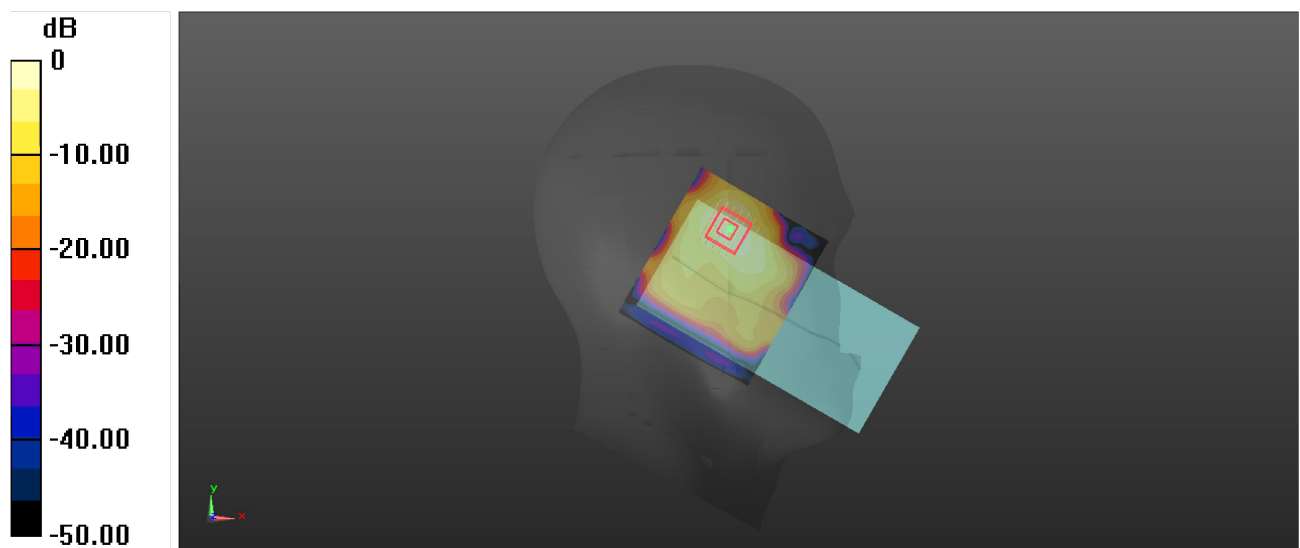
**-Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.324 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0653 W/kg



0 dB = 0.0653 W/kg

**P22 GSM850\_GPRS10\_Rear Face\_1cm\_Ch128**

Communication System: GPRS10; Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: HSL835\_0907 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 40.121$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(10.73, 10.73, 10.73) @ 824.2 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.372 W/kg

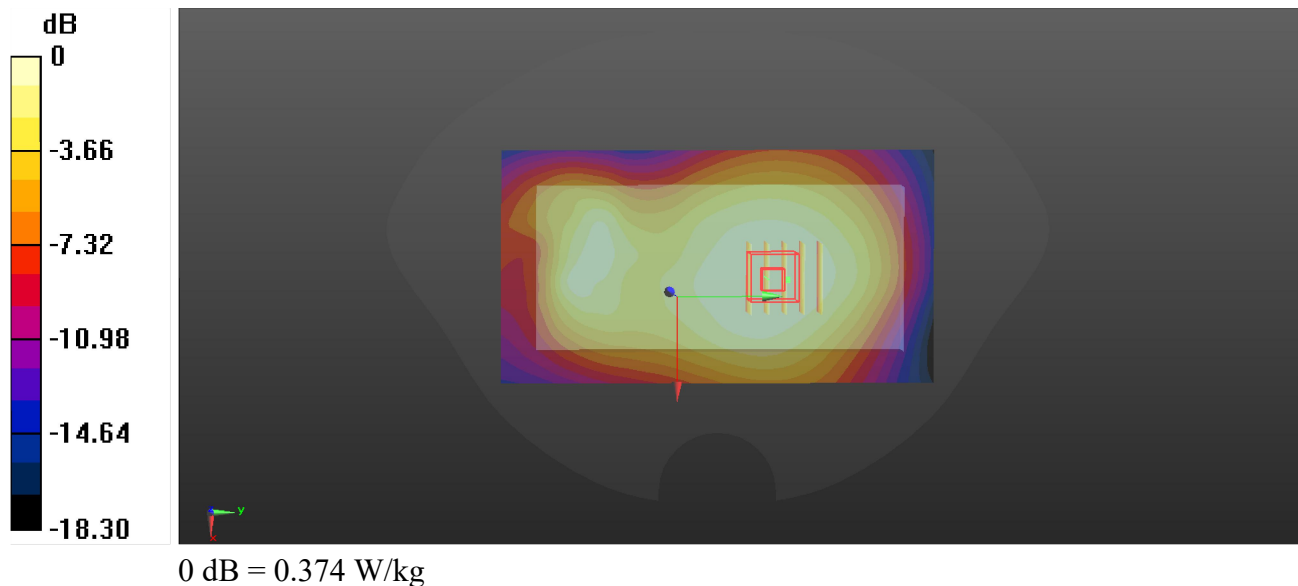
**-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.12 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.374 W/kg



**P23 GSM1900\_GPRS11\_Rear Face\_1cm\_Ch512**

Communication System: GPRS11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL1900\_0906 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 38.882$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(8.9, 8.9, 8.9) @ 1850.2 MHz; Calibrated: 9/28/2020

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020

- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x131x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.75 W/kg

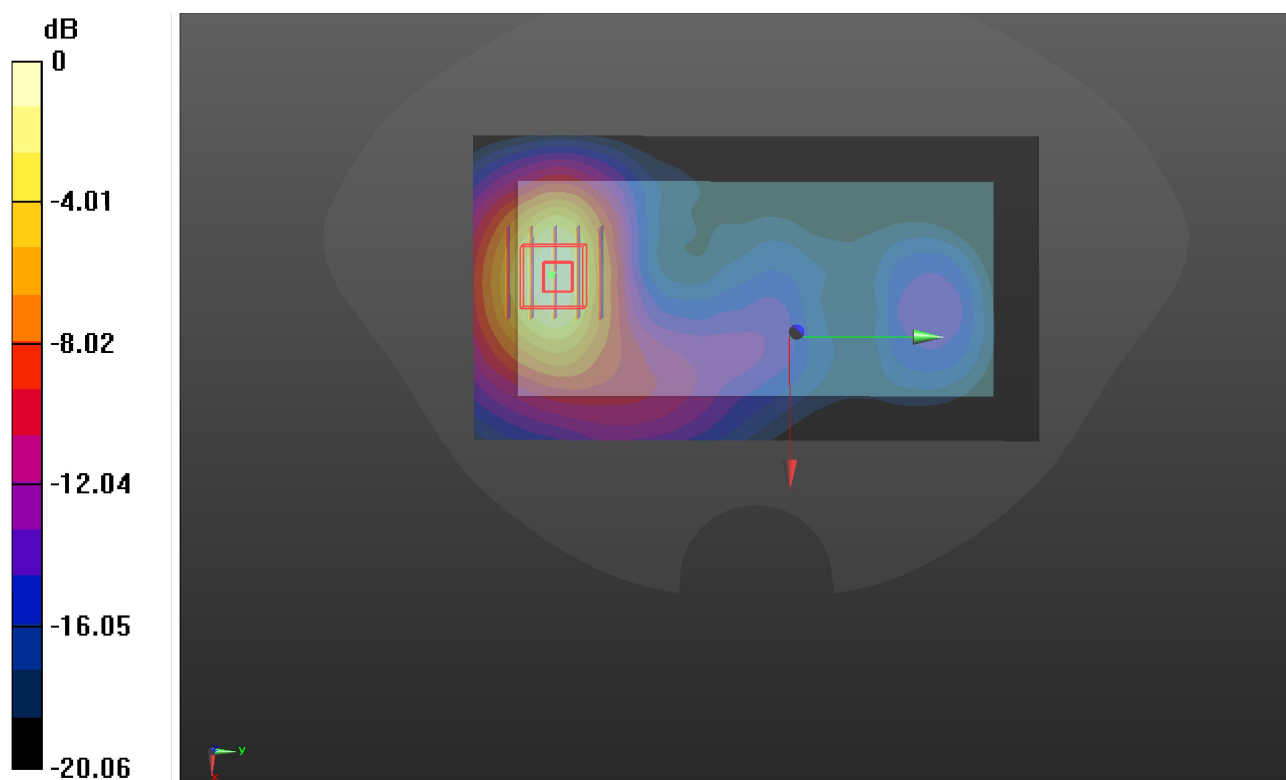
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.203 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.589 W/kg**

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



0 dB = 1.64 W/kg

**P24 WCDMA II\_RMC12.2K\_Rear Face\_1cm\_Ch9538**

Communication System: WCDMA ; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1750\_0906 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 38.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(8.9, 8.9, 8.9) @ 1907.6 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x131x1)**: Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.92 W/kg

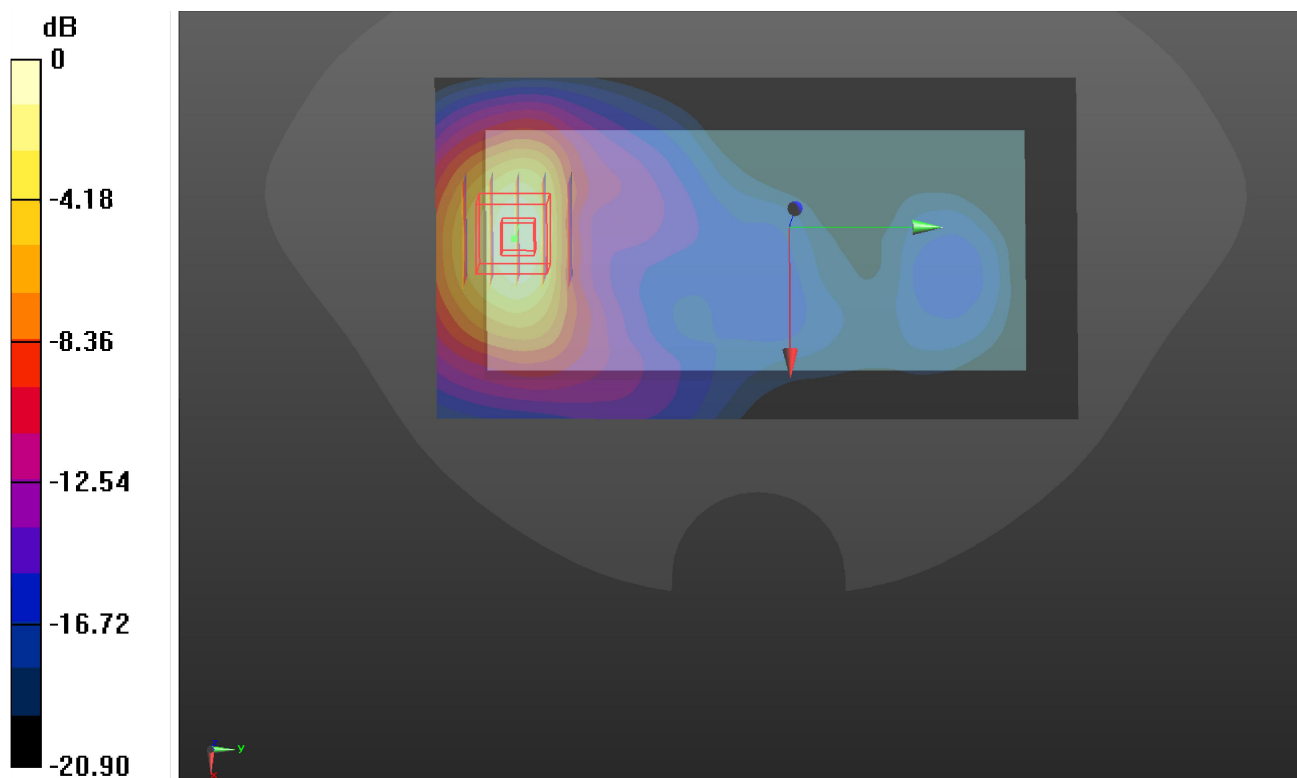
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.709 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.617 W/kg**

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg

**P25 WCDMA IV\_RMC12.2K\_Rear Face\_1cm\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL1750\_0906 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.32$  S/m;  $\epsilon_r = 40.911$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(9.08, 9.08, 9.08) @ 1712.4 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x131x1)**: Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.84 W/kg

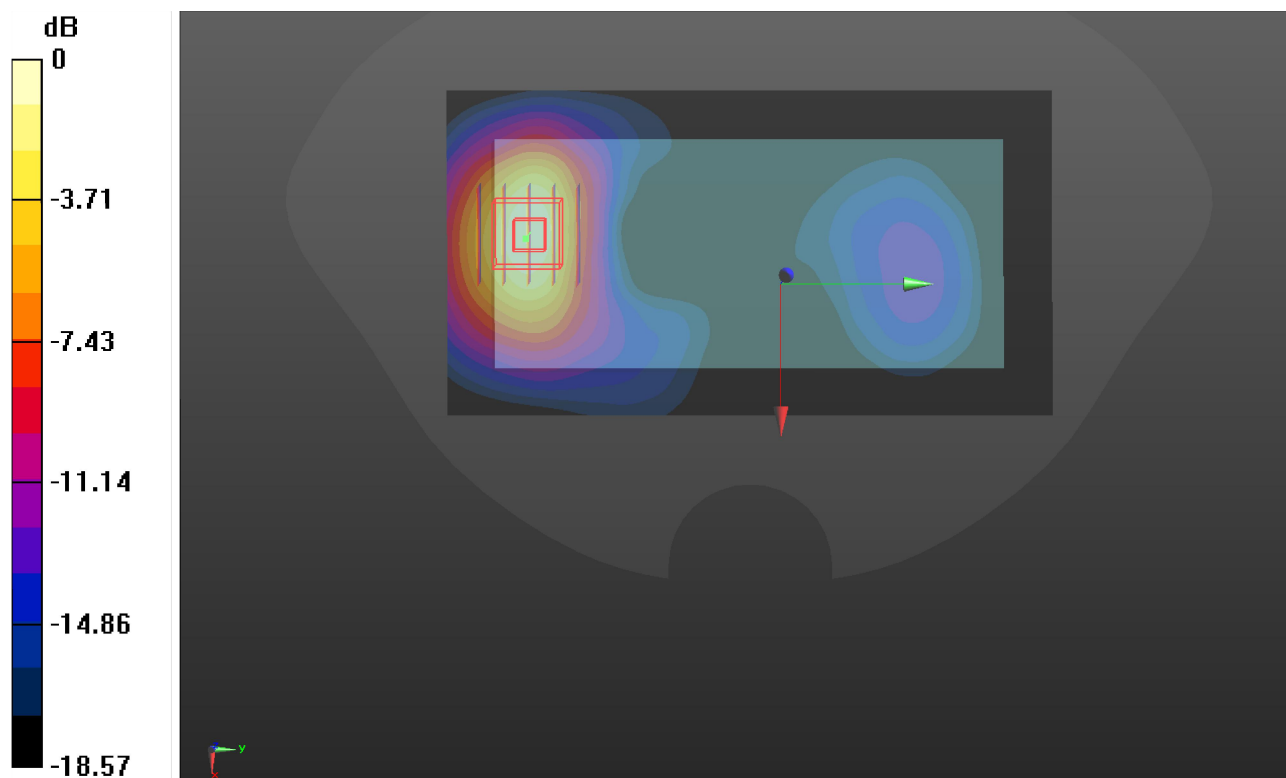
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.341 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.629 W/kg**

Maximum value of SAR (measured) = 1.70 W/kg



0 dB = 1.70 W/kg

**P26 WCDMA V\_RMC12.2K\_Rear Face\_1cm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL835\_0907 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 40.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(10.73, 10.73, 10.73) @ 826.4 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.402 W/kg

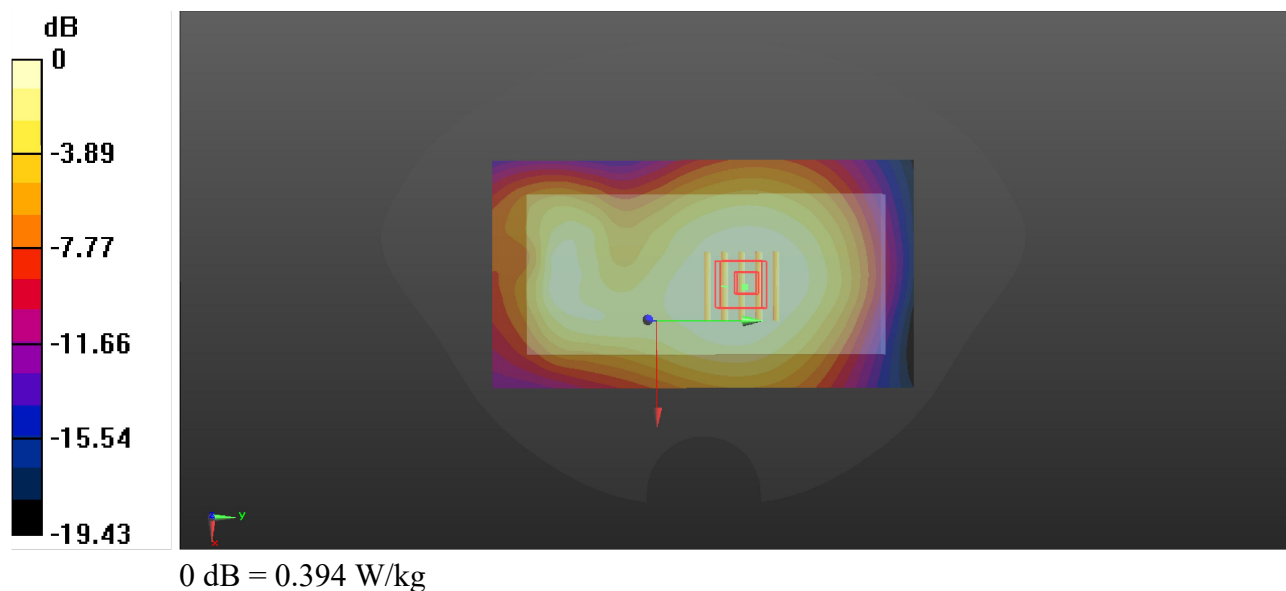
**-Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.36 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.434 W/kg

**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.394 W/kg



**P27 LTE 5\_QPSK10M\_Rear Face\_1cm\_Ch20525\_1RB\_OS49**

Communication System: LTE ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835\_0907 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7612; ConvF(10.73, 10.73, 10.73) @ 836.5 MHz; Calibrated: 9/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**-Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.436 W/kg

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

Reference Value = 18.44 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.479 W/kg

**SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.438 W/kg

