



## **Appendix A. Plots of System Performance Check**

The plots are shown as follows.

## System Check\_Head\_750MHz

**DUT: D750V3-SN:1099**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210712 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.878 \text{ S/m}$ ;  $\epsilon_r = 40.673$ ;  $\rho = 1000 \text{ kg/m}^3$

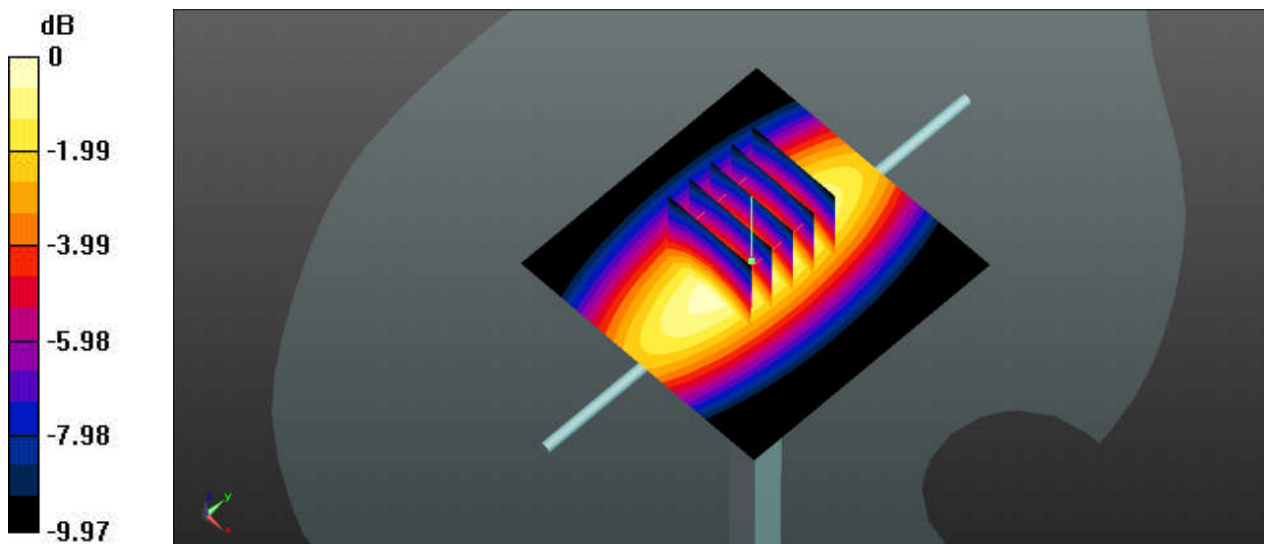
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 2.82 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 59.33 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 3.08 W/kg  
**SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.41 W/kg**  
Maximum value of SAR (measured) = 2.83 W/kg



0 dB = 2.83 W/kg

## System Check\_Head\_750MHz

**DUT: D750V3-SN:1099**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210716 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 40.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

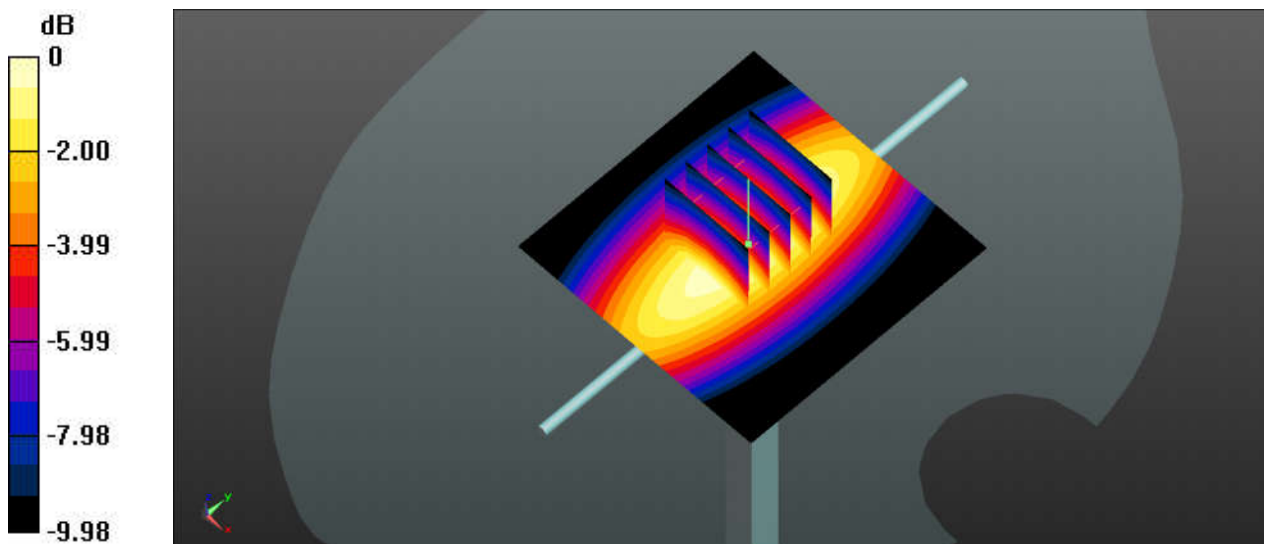
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 2.75 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 59.08 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 3.05 W/kg  
**SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.36 W/kg**  
Maximum value of SAR (measured) = 2.75 W/kg



0 dB = 2.75 W/kg

## System Check\_Head\_835MHz

**DUT: D835V2-SN:4d162**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_210714 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.894 \text{ S/m}$ ;  $\epsilon_r = 40.527$ ;  $\rho = 1000 \text{ kg/m}^3$

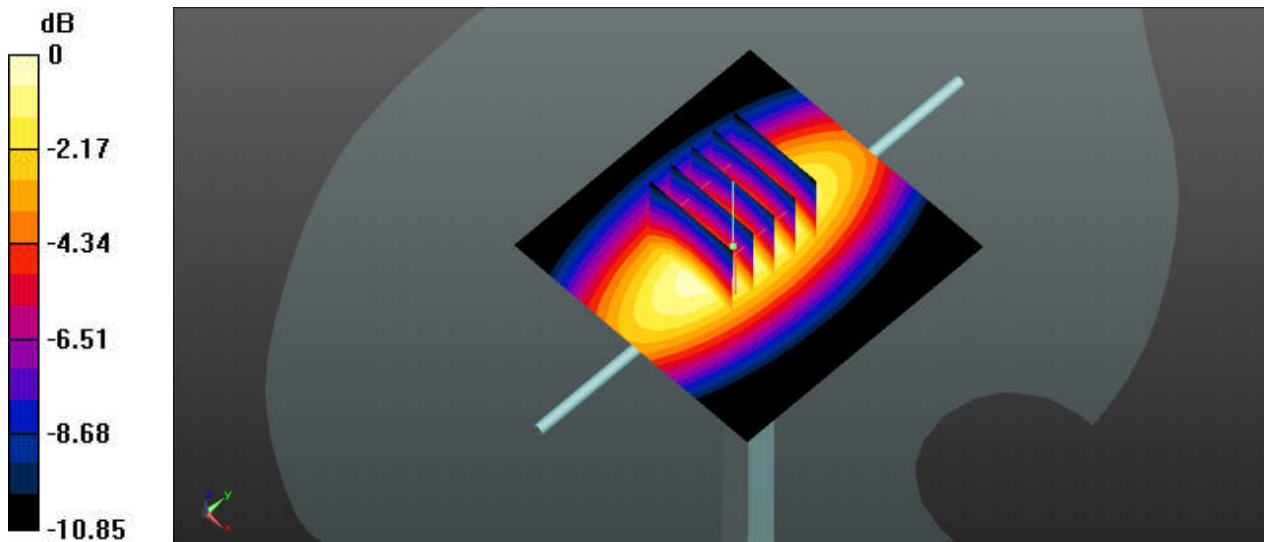
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 3.19 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 62.69 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 3.59 W/kg  
**SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.56 W/kg**  
Maximum value of SAR (measured) = 3.17 W/kg



0 dB = 3.17 W/kg

## System Check\_Head\_835MHz

**DUT: D835V2-SN:4d162**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.911 \text{ S/m}$ ;  $\epsilon_r = 42.404$ ;  $\rho = 1000 \text{ kg/m}^3$

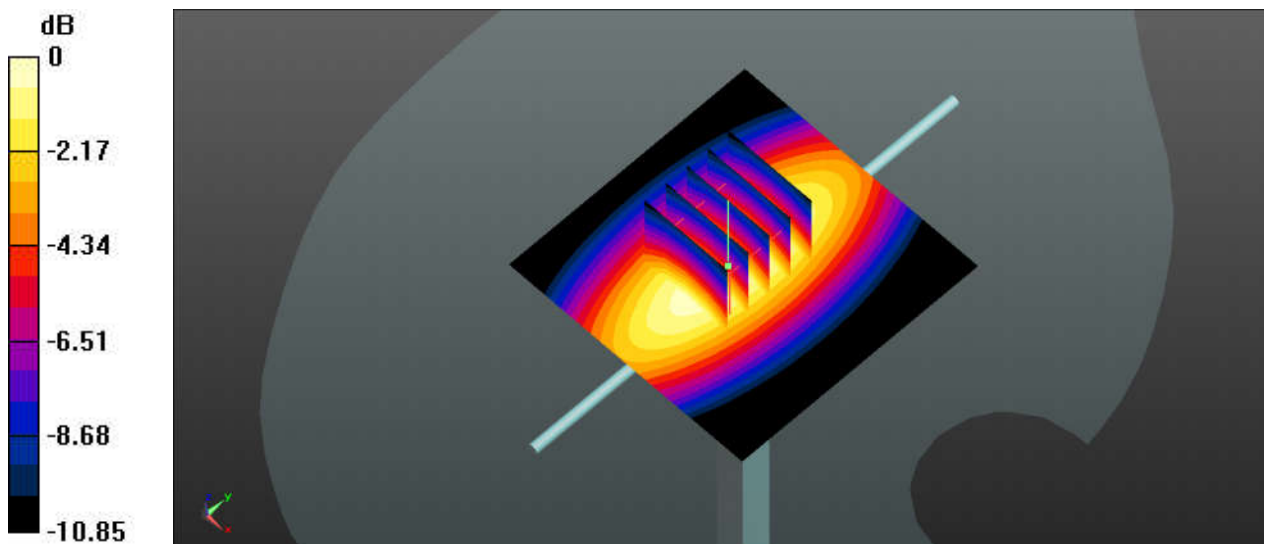
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 3.25 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 62.85 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 3.65 W/kg  
**SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.59 W/kg**  
Maximum value of SAR (measured) = 3.23 W/kg



0 dB = 3.23 W/kg

## System Check\_Head\_1750MHz

**DUT: D1750V2-SN:1137**

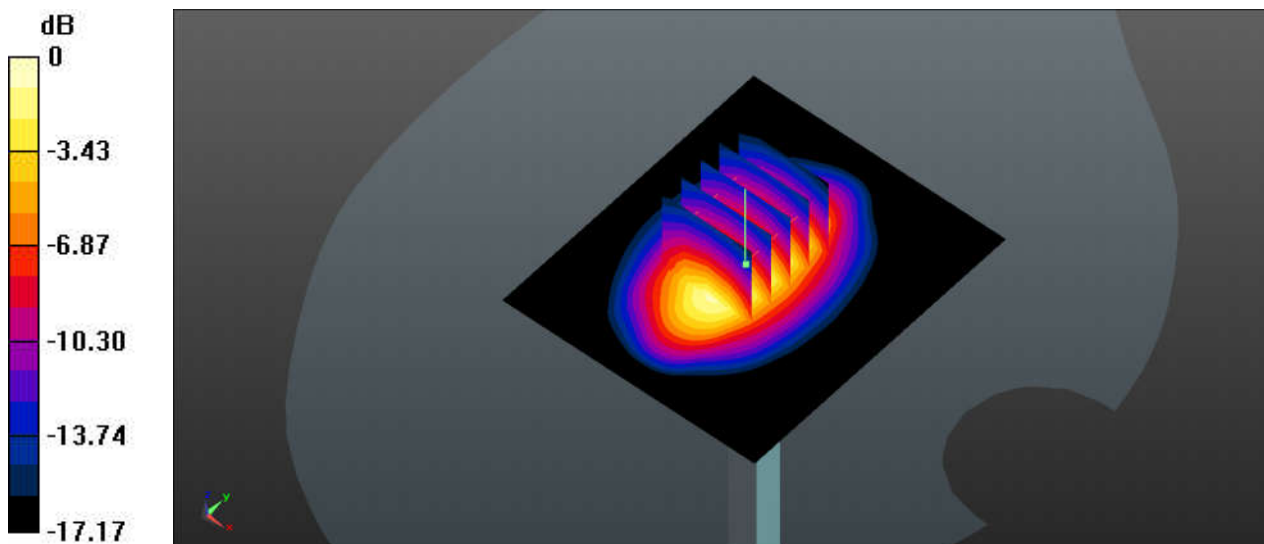
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210720 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.377$  S/m;  $\epsilon_r = 41.359$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 14.2 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 100.1 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 16.1 W/kg  
**SAR(1 g) = 9.04 W/kg; SAR(10 g) = 4.85 W/kg**  
Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg

## System Check\_Head\_1750MHz

**DUT: D1750V2-SN:1137**

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210721 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.381 \text{ S/m}$ ;  $\epsilon_r = 40.83$ ;  $\rho = 1000 \text{ kg/m}^3$

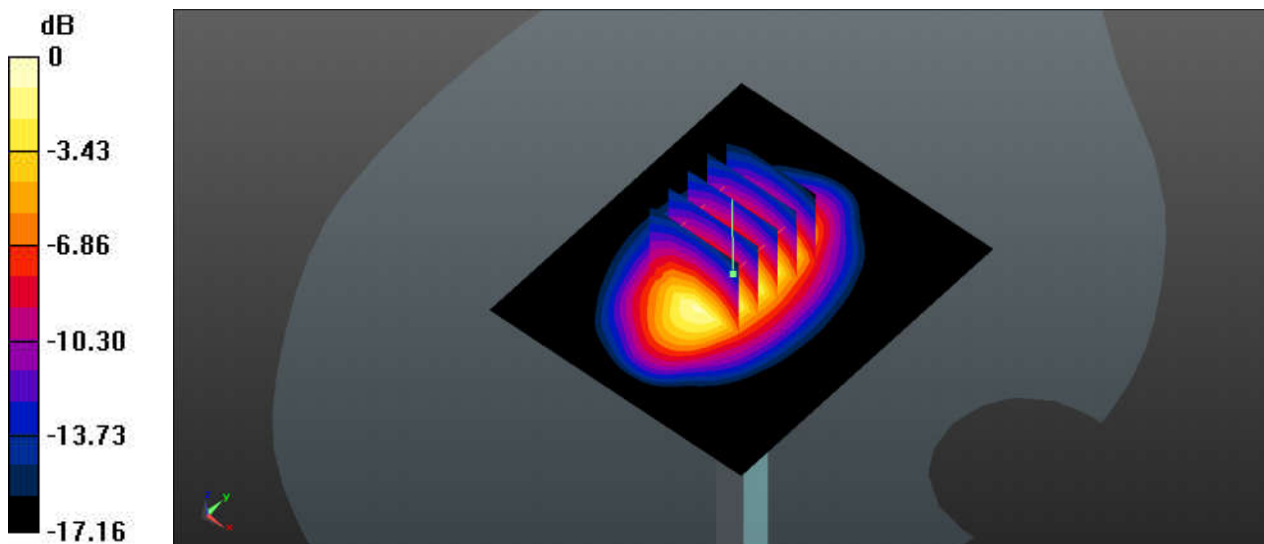
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 14.7 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 100.7 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 16.4 W/kg  
**SAR(1 g) = 9.09 W/kg; SAR(10 g) = 4.89 W/kg**  
Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg

## System Check\_Head\_1900MHz

**DUT: D1900V2-SN:5d182**

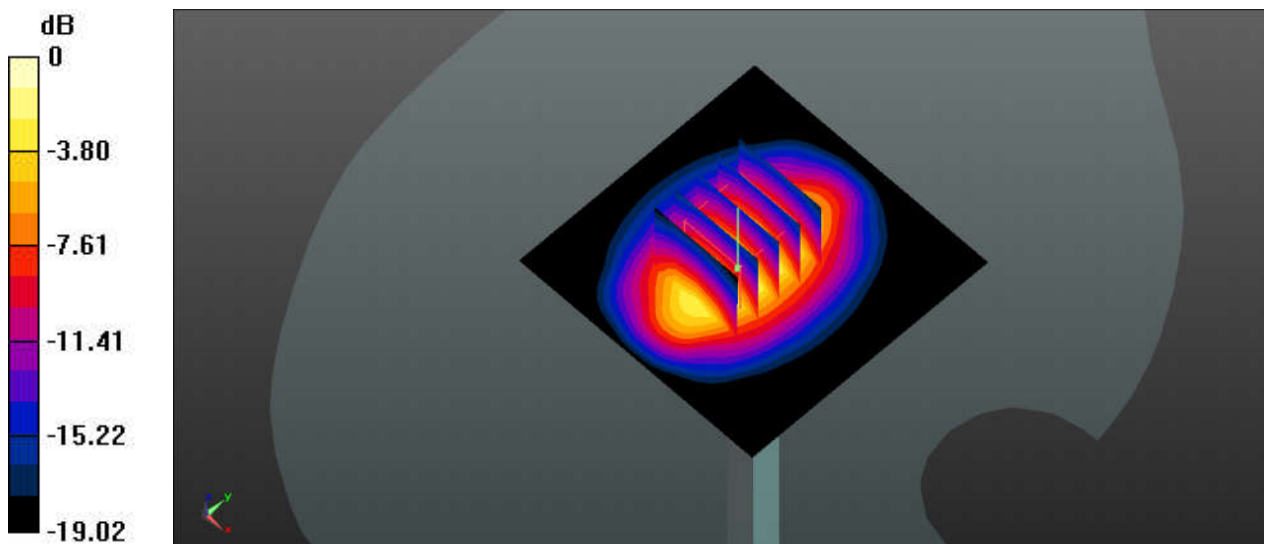
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210721 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.428 \text{ S/m}$ ;  $\epsilon_r = 41.216$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 15.4 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 102.9 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 18.2 W/kg  
**SAR(1 g) = 9.72 W/kg; SAR(10 g) = 4.99 W/kg**  
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg



## System Check\_Head\_1900MHz

**DUT: D1900V2-SN:5d182**

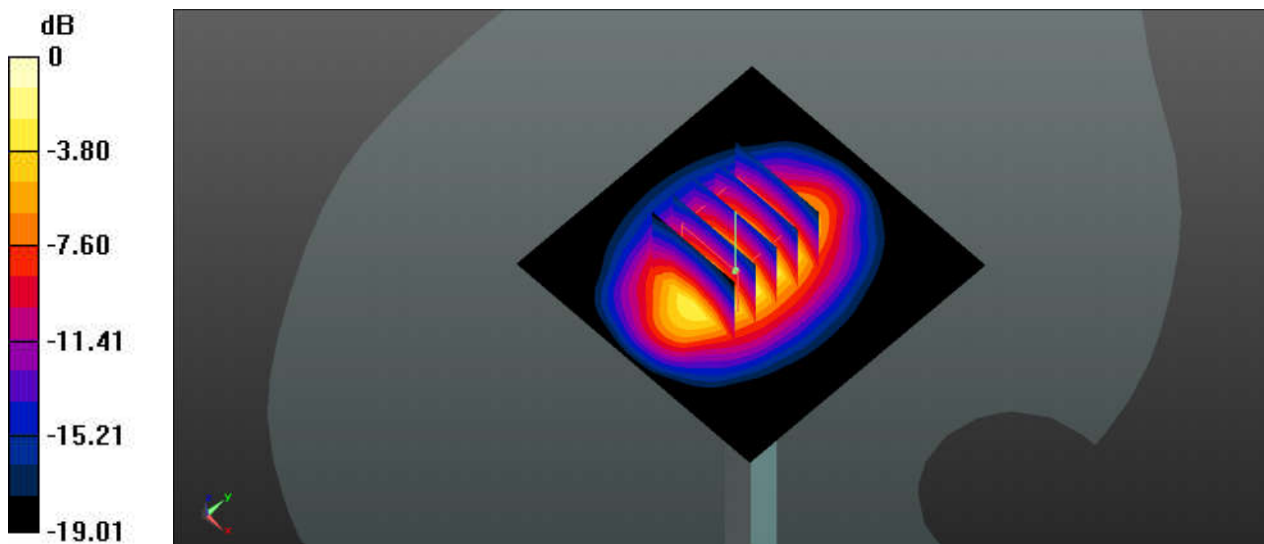
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 39.105$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 15.6 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 104.7 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 18.8 W/kg  
**SAR(1 g) = 9.85 W/kg; SAR(10 g) = 5.06 W/kg**  
Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg

## System Check\_Head\_2300MHz

**DUT: D2300V2-SN:1056**

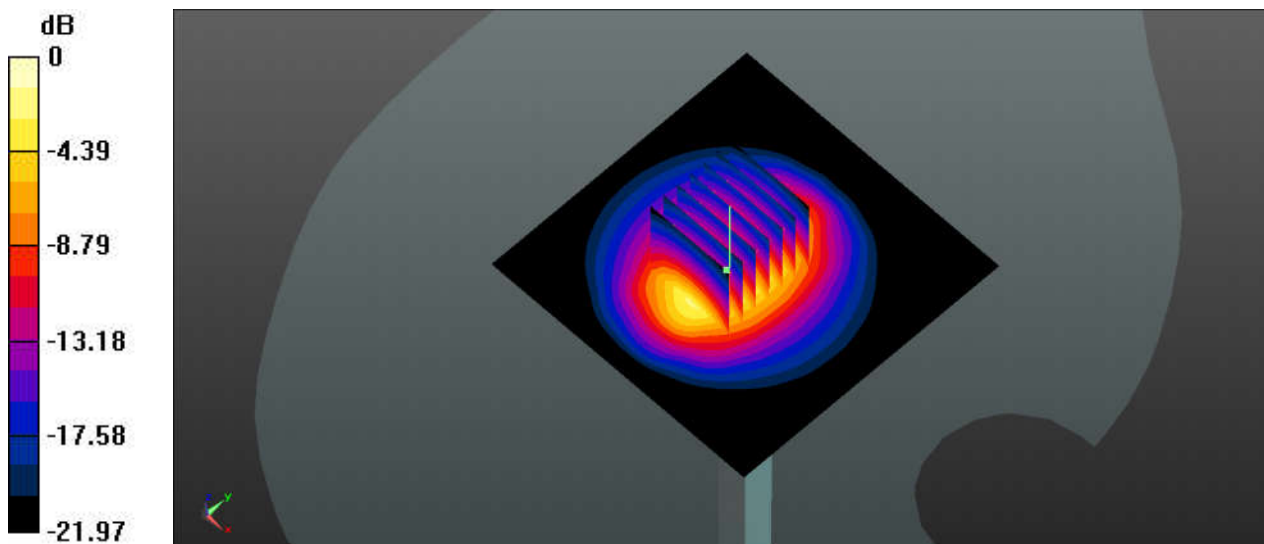
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_210723 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.736$  S/m;  $\epsilon_r = 38.659$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 20.9 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 108.7 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 26.2 W/kg  
**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.19 W/kg**  
Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg

## System Check\_Head\_2300MHz

**DUT: D2300V2-SN:1056**

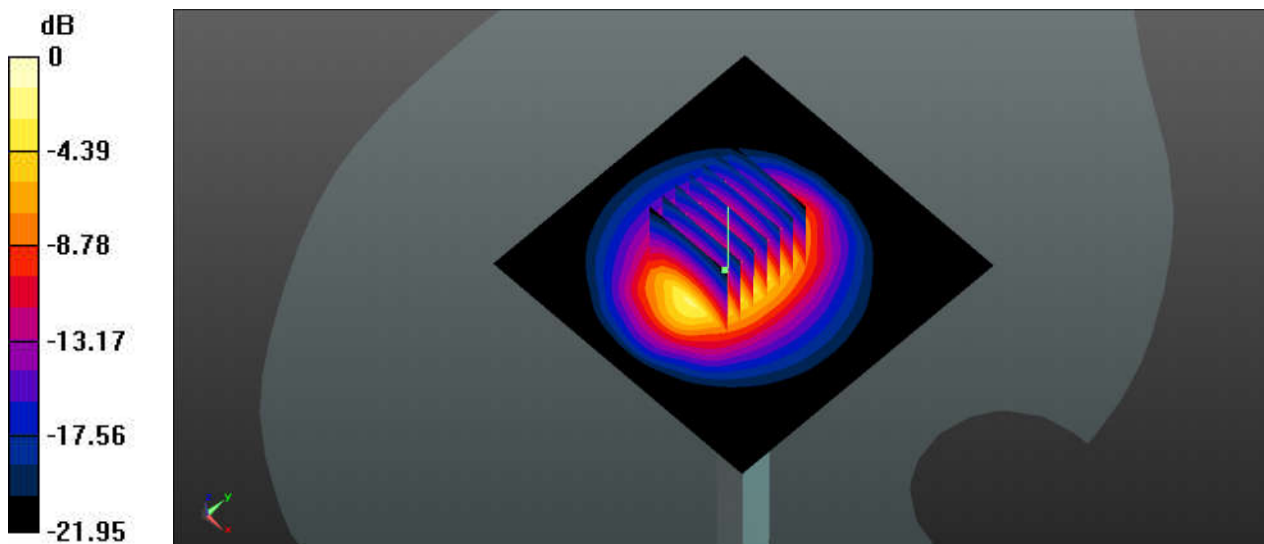
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_210726 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.727$  S/m;  $\epsilon_r = 37.814$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 20.3 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 106.2 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 25.5 W/kg  
**SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.7 W/kg**  
Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg

## System Check\_Head\_2450MHz

**DUT: D2450V2-SN:924**

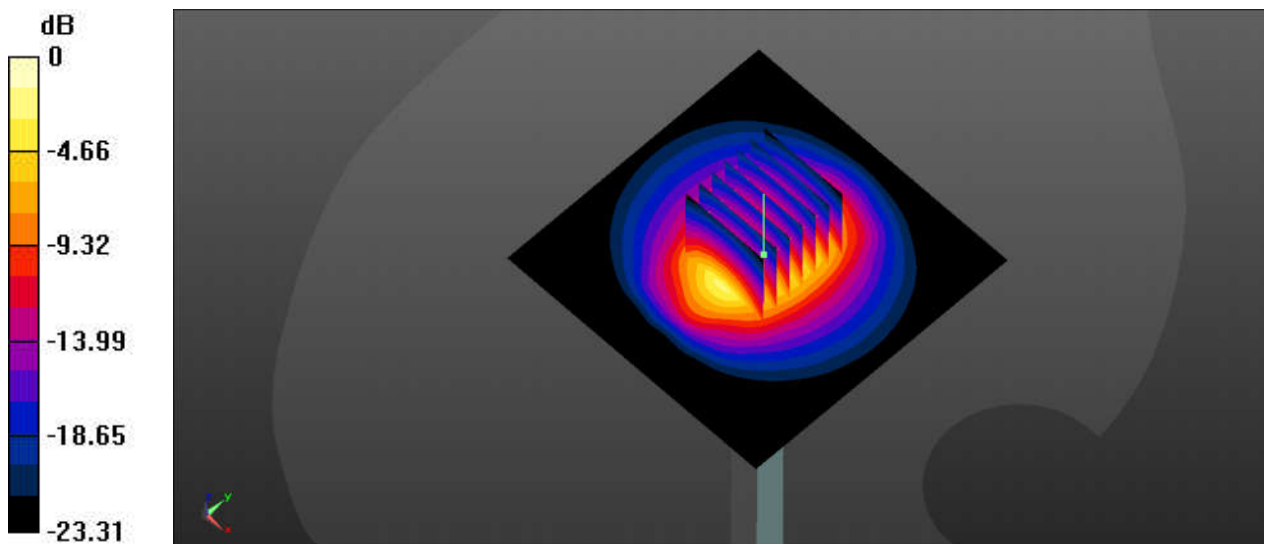
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_210719 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.861 \text{ S/m}$ ;  $\epsilon_r = 39.575$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.29, 8.29, 8.29); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 21.7 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 110.0 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 27.8 W/kg  
**SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.53 W/kg**  
Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 21.6 W/kg

## System Check\_Head\_5250MHz

**DUT: D5GHzV2-SN:1167**

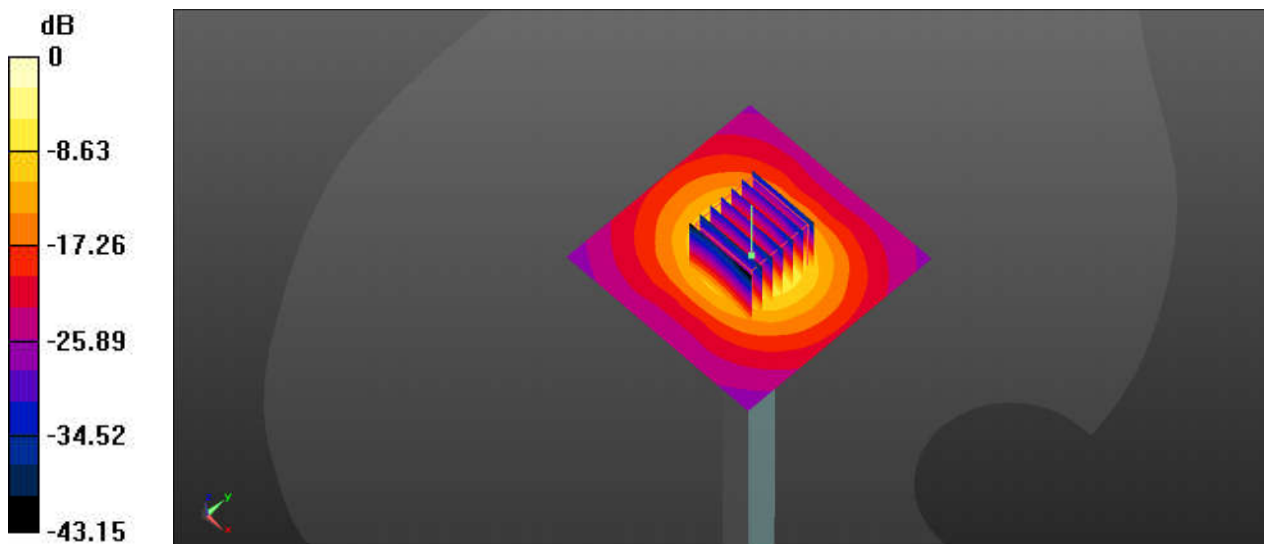
Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1  
Medium: HSL\_5250\_210721 Medium parameters used:  $f = 5250 \text{ MHz}$ ;  $\sigma = 4.714 \text{ S/m}$ ;  $\epsilon_r = 36.412$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.68, 5.68, 5.68); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 20.3 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 75.09 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 33.7 W/kg  
**SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.28 W/kg**  
Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg

## System Check\_Head\_5250MHz

**DUT: D5GHzV2-SN:1167**

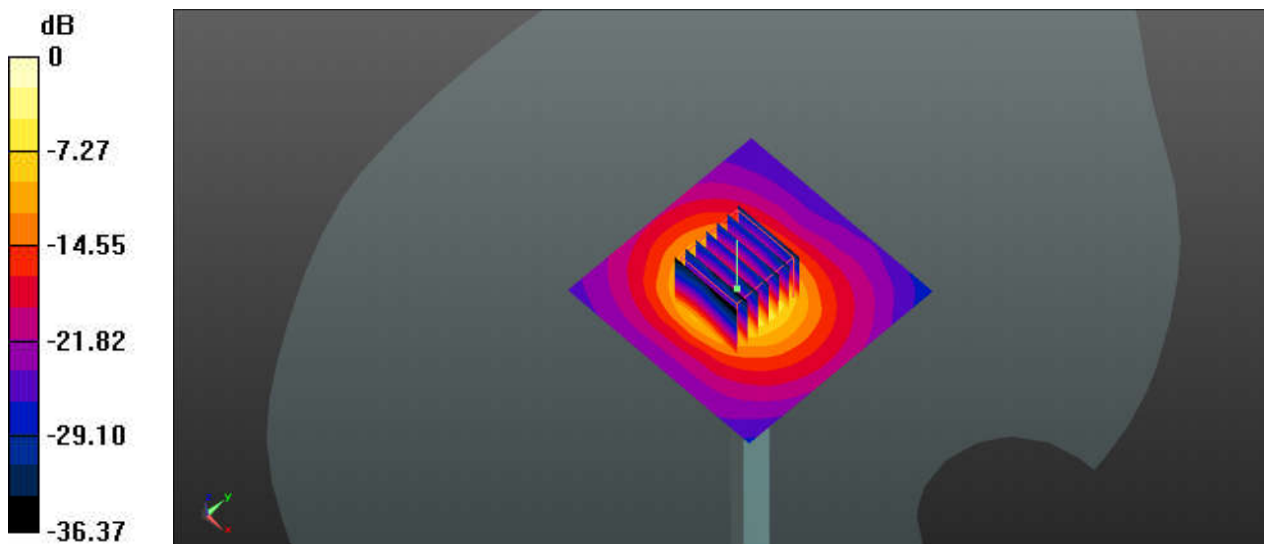
Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1  
Medium: HSL\_5250\_210728 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.597$  S/m;  $\epsilon_r = 36.617$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.68, 5.68, 5.68); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 19.0 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 61.55 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 31.1 W/kg  
**SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.17 W/kg**  
Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 19.0 W/kg

## System Check\_Head\_5600MHz

**DUT: D5GHzV2-SN:1167**

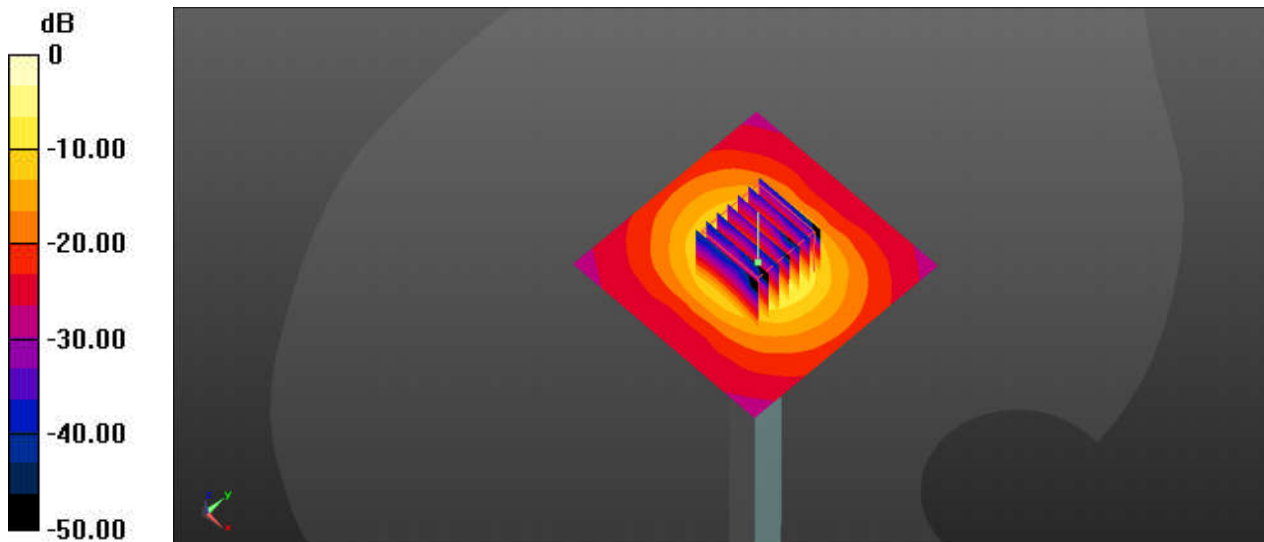
Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium: HSL\_5600\_210722 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.141$  S/m;  $\epsilon_r = 35.813$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 21.1 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 71.88 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 37.9 W/kg  
**SAR(1 g) = 8.46 W/kg; SAR(10 g) = 2.3 W/kg.**  
Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg

## System Check\_Head\_5600MHz

**DUT: D5GHzV2-SN:1167**

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL\_5600\_210729 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.006$  S/m;  $\epsilon_r = 36.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

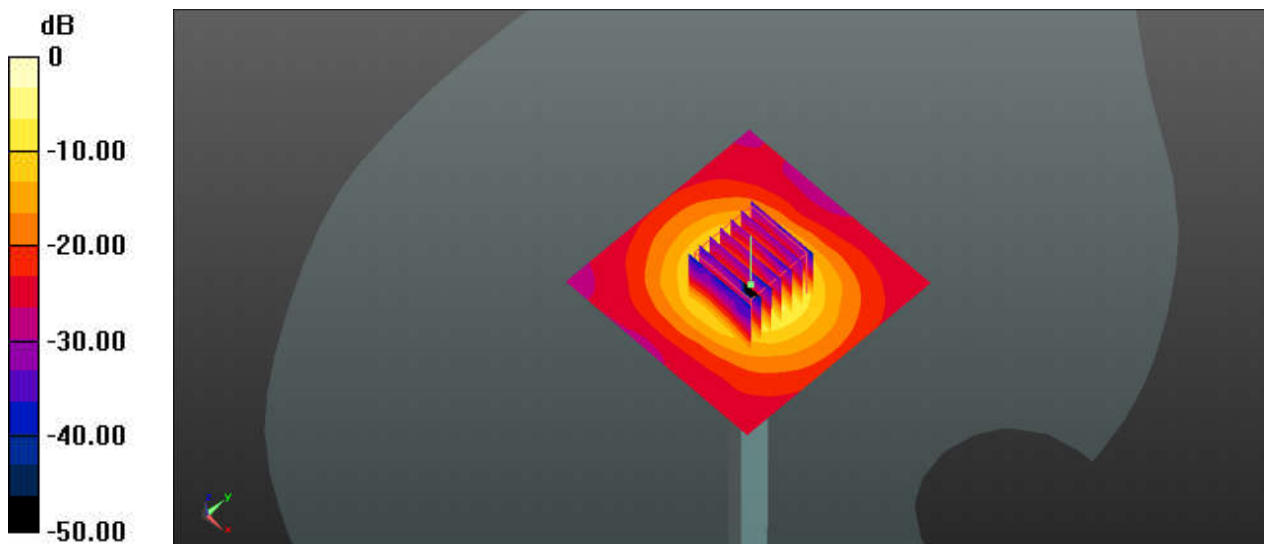
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 19.9 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 55.53 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 34.7 W/kg  
**SAR(1 g) = 7.8 W/kg; SAR(10 g) = 2.22 W/kg**  
Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg



## System Check\_Head\_5750MHz

**DUT: D5GHzV2-SN:1167**

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL\_5750\_210723 Medium parameters used:  $f = 5750 \text{ MHz}$ ;  $\sigma = 5.315 \text{ S/m}$ ;  $\epsilon_r = 35.552$ ;  
 $\rho = 1000 \text{ kg/m}^3$

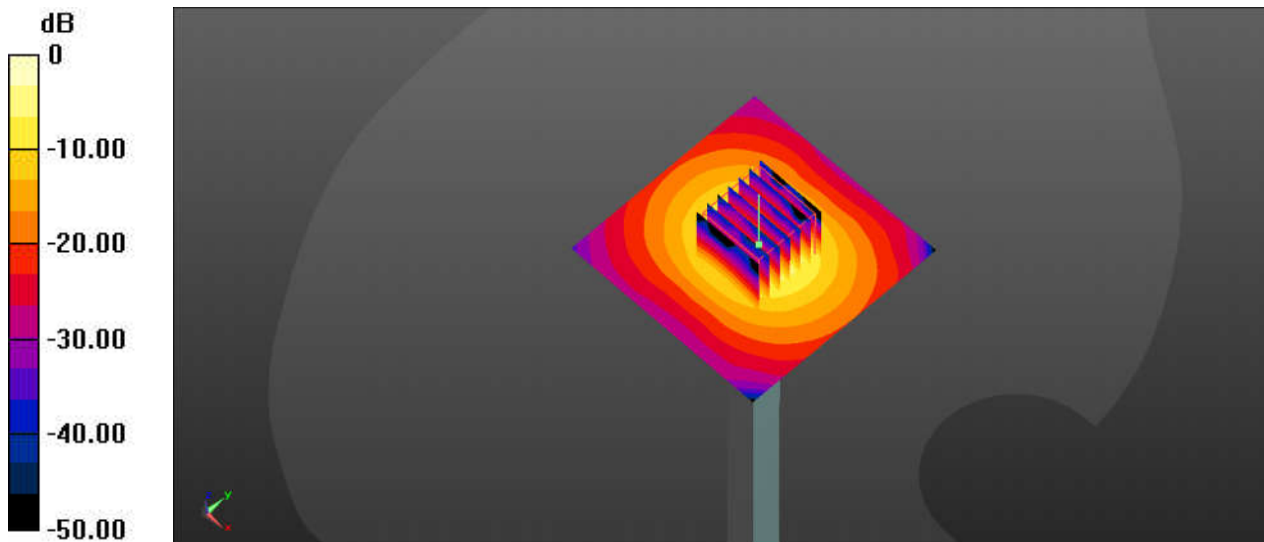
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.3, 5.3, 5.3); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 18.1 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 66.62 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 34.4 W/kg  
**SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.09 W/kg**  
Maximum value of SAR (measured) = 18.9 W/kg



0 dB = 18.9 W/kg



**Appendix B. Plots of High SAR Measurement**

The plots are shown as follows.

### 01\_GSM850\_GPRS (4 Tx slots)\_Right Cheek\_Ch251

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>

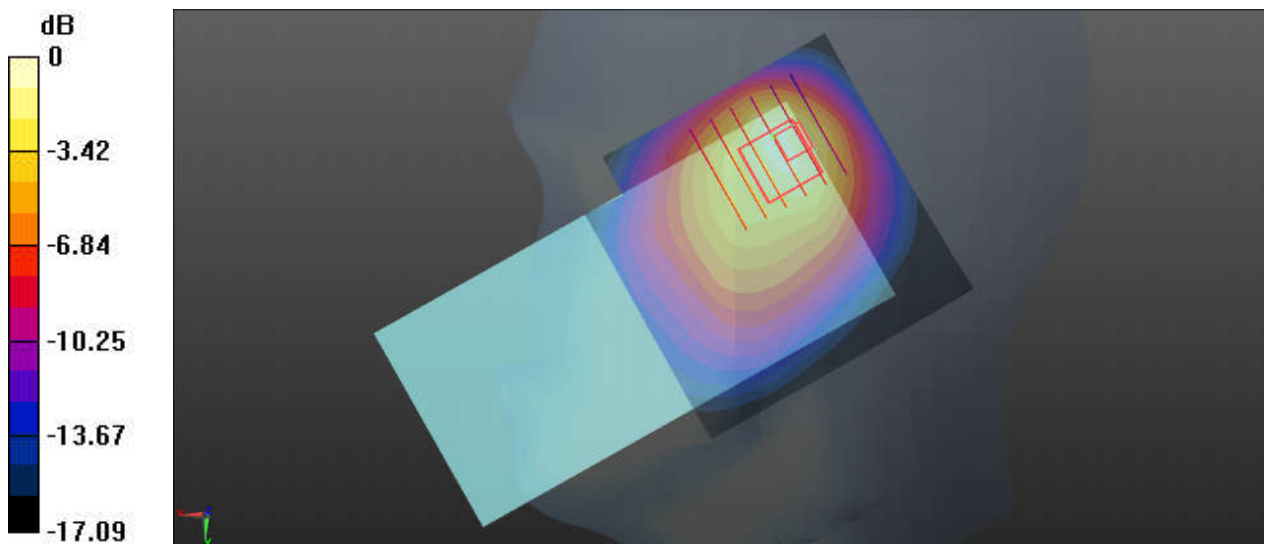
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch251/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.35 W/kg

**Ch251/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 26.97 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 2.05 W/kg  
**SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.628 W/kg**  
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg

## 02\_GSM1900\_GPRS (4 Tx slots)\_Right Tilted\_Ch661

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.177$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

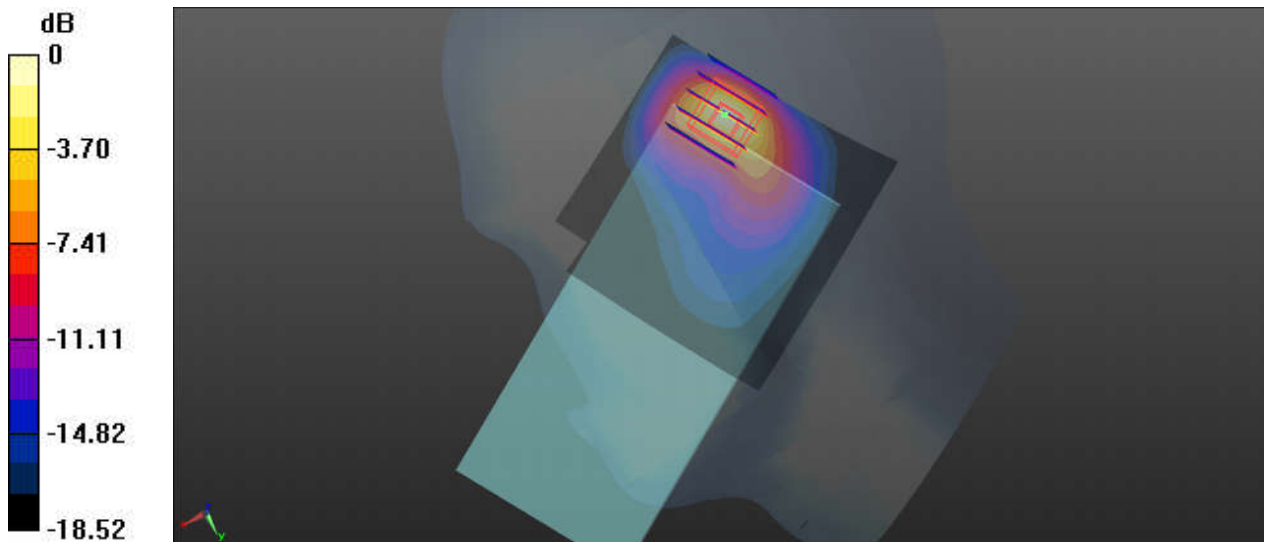
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch661/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.44 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.95 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.19 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.453 W/kg**  
Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg

### 03\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4182

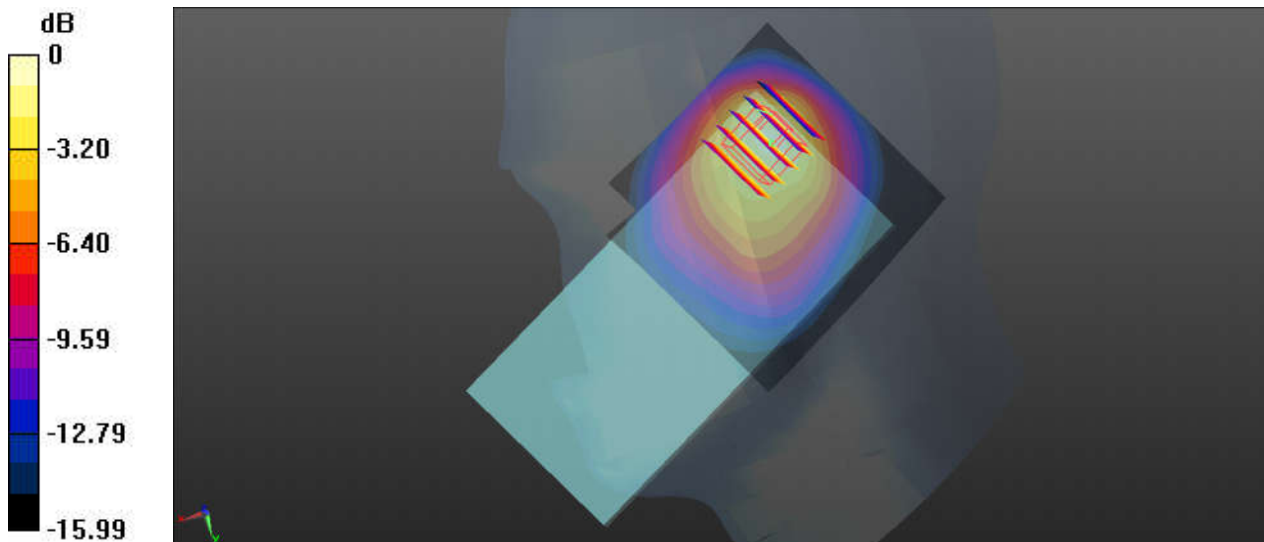
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.397$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch4182/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.51 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 33.35 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 2.25 W/kg  
**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.686 W/kg**  
Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg

### 04\_WCDMA IV\_RMC 12.2Kbps\_Right Cheek\_Ch1413

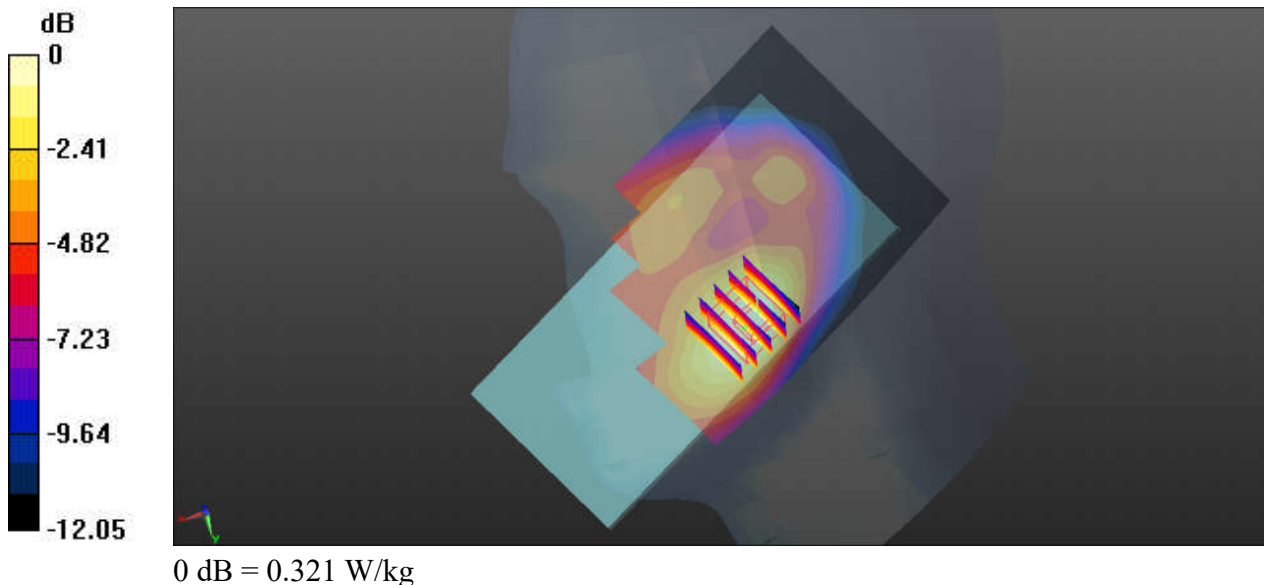
Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210720 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.359 \text{ S/m}$ ;  $\epsilon_r = 41.442$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch1413/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.332 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 7.409 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.369 W/kg  
**SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.168 W/kg**  
Maximum value of SAR (measured) = 0.321 W/kg



### 05\_WCDMA II\_RMC 12.2Kbps\_Right Tilted\_Ch9400

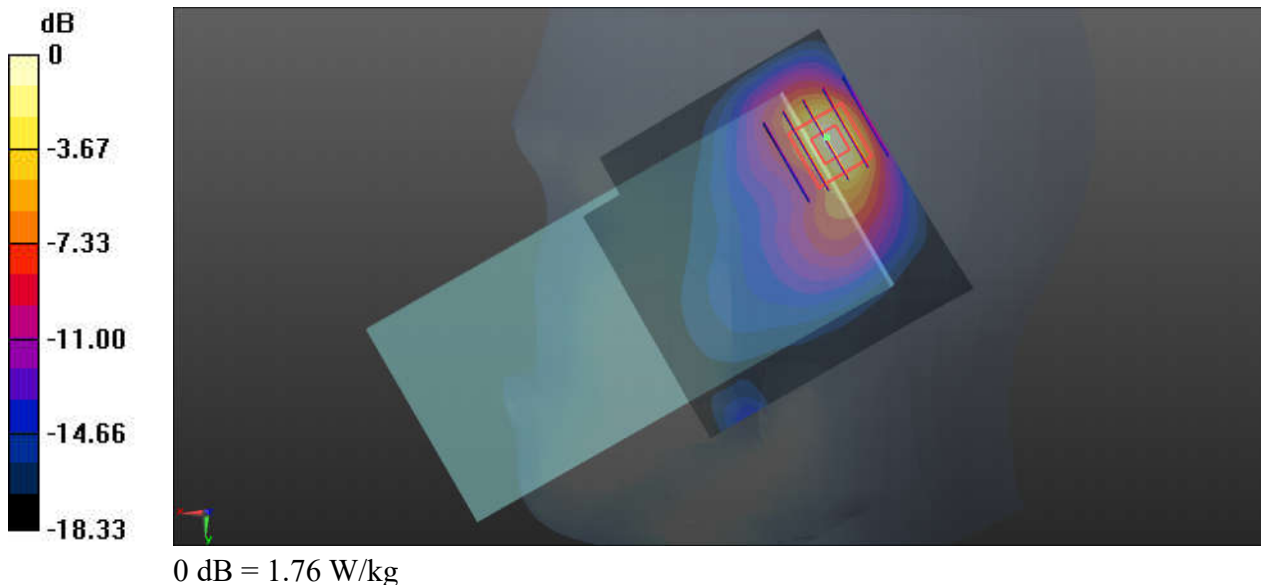
Communication System: UID 0, UMTS (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.177$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch9400/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.57 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.02 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 2.22 W/kg  
**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.468 W/kg**  
Maximum value of SAR (measured) = 1.76 W/kg



### 06\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23095

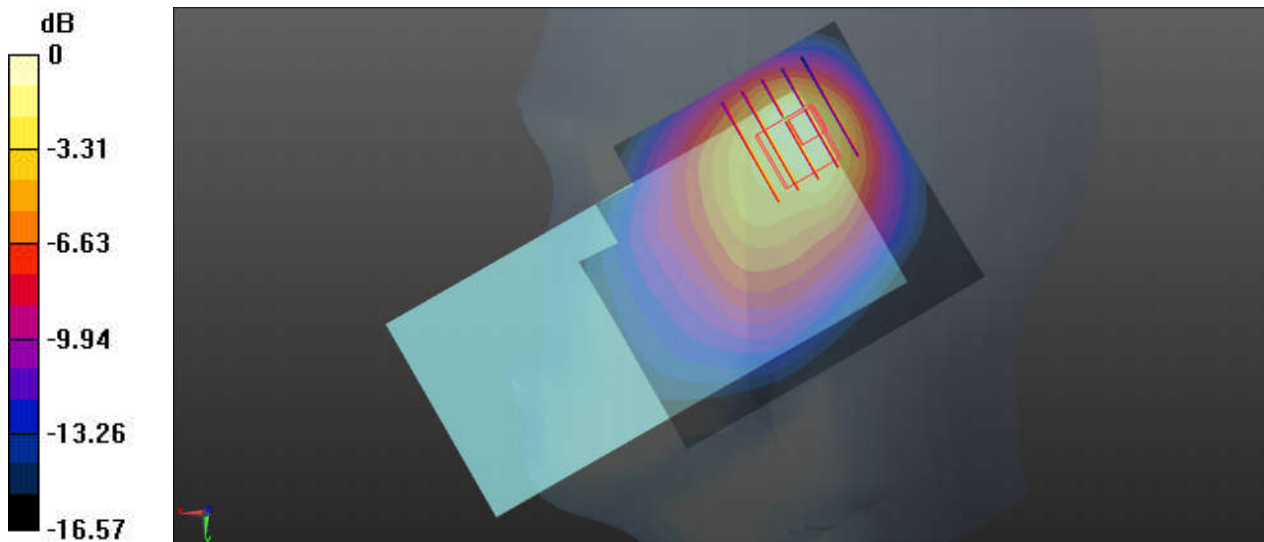
Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210716 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 41.719$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch23095/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.06 W/kg

**Ch23095/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.77 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 1.96 W/kg  
**SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.521 W/kg**  
Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg



### 07\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210712 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.897 \text{ S/m}$ ;  $\epsilon_r = 39.943$ ;  $\rho = 1000 \text{ kg/m}^3$

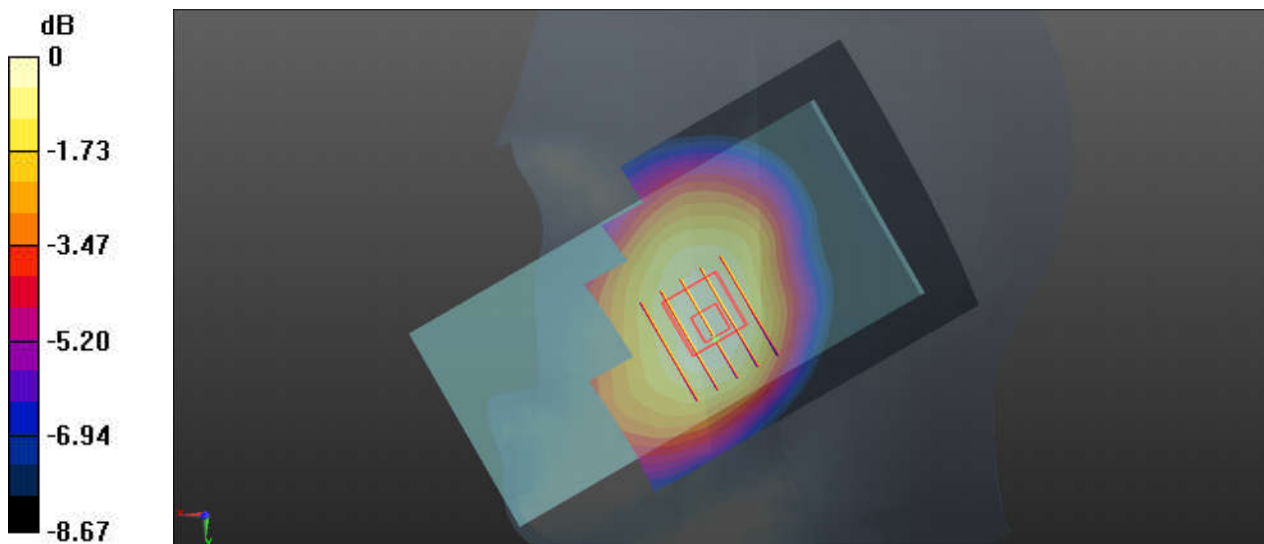
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch23230/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.385 W/kg

**Ch23230/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 6.305 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.391 W/kg  
**SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.271 W/kg**  
Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.385 W/kg

### 08\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210716 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 39.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

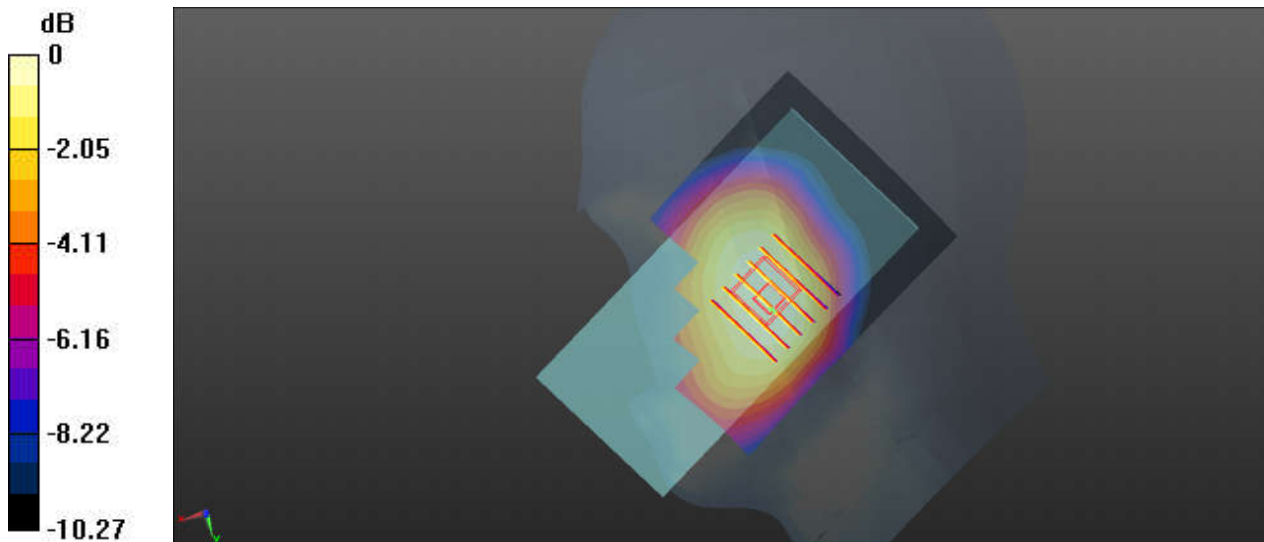
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch23330/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.332 W/kg

**Ch23330/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.544 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.398 W/kg  
**SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.203 W/kg**  
Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg

### 09\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch20525

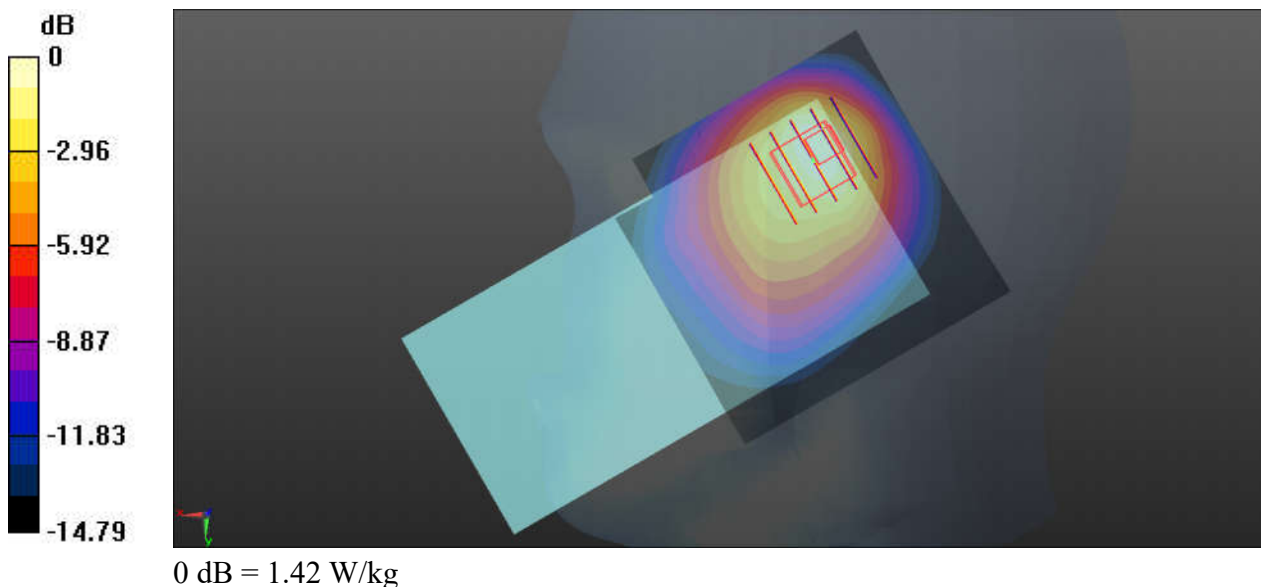
Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 42.395$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch20525/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.29 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.71 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.611 W/kg**  
Maximum value of SAR (measured) = 1.42 W/kg



### 10\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210720 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.372$  S/m;  $\epsilon_r = 41.386$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch132322/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.293 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.761 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.339 W/kg  
**SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.158 W/kg**  
Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.298 W/kg

### 11\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Right Tilted\_Ch19100

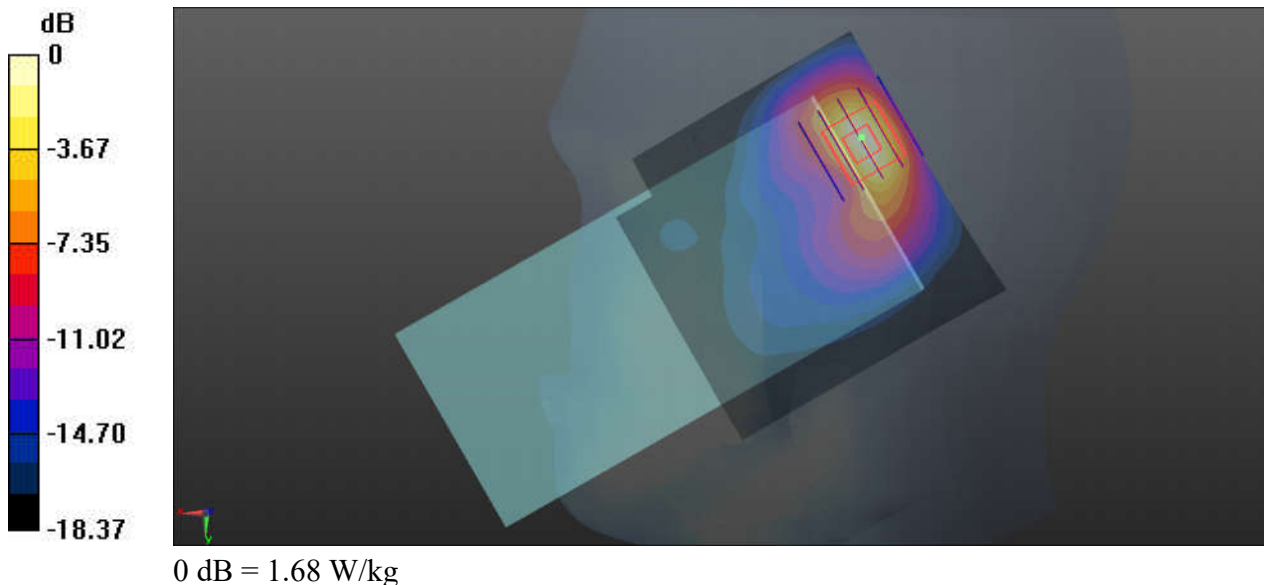
Communication System: UID 0, LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 39.105$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch19100/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.57 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.74 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.12 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.456 W/kg**  
Maximum value of SAR (measured) = 1.68 W/kg



## 12\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Right Tilted\_Ch27710

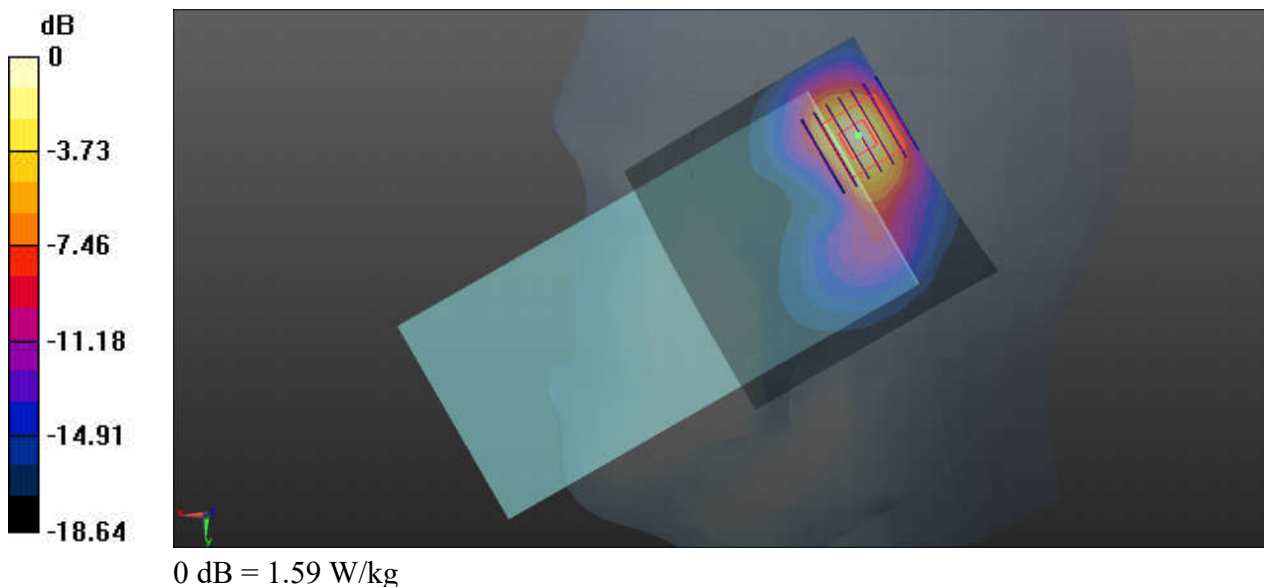
Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_210726 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.739$  S/m;  $\epsilon_r = 37.766$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch27710/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.42 W/kg

**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 14.22 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
**SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.370 W/kg**  
Maximum value of SAR (measured) = 1.59 W/kg



### 13\_Bluetooth\_DH5 1Mbps\_Left Cheek\_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.306  
Medium: HSL\_2450\_210719 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 39.608$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

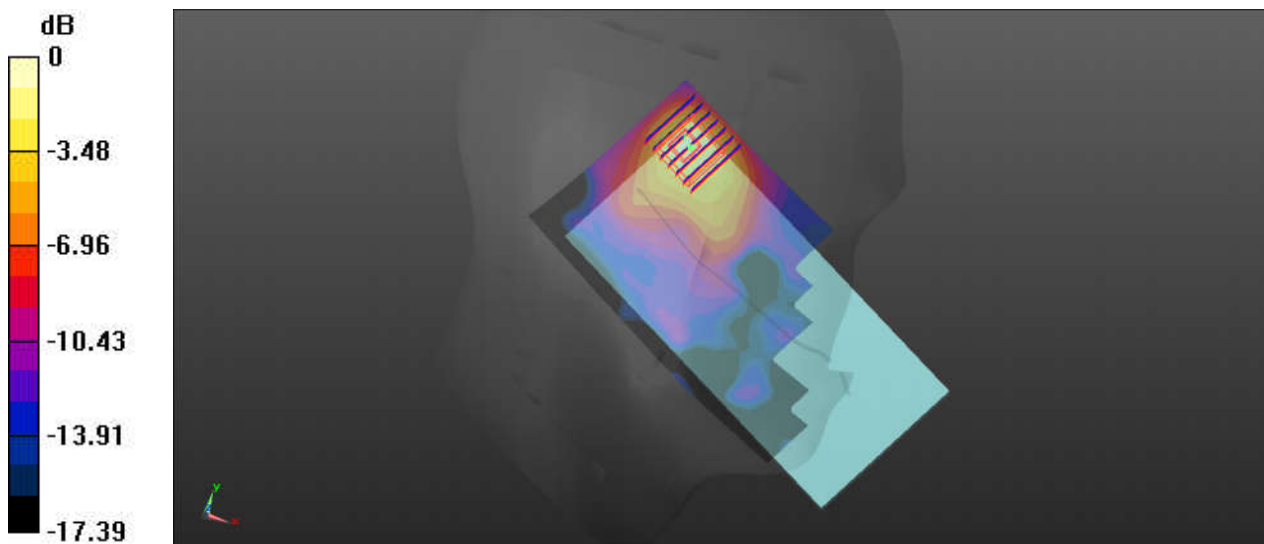
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.29, 8.29, 8.29); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch39/Area Scan (81x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.108 W/kg

**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.209 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 0.164 W/kg  
**SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.035 W/kg**  
Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg

### 14\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch6

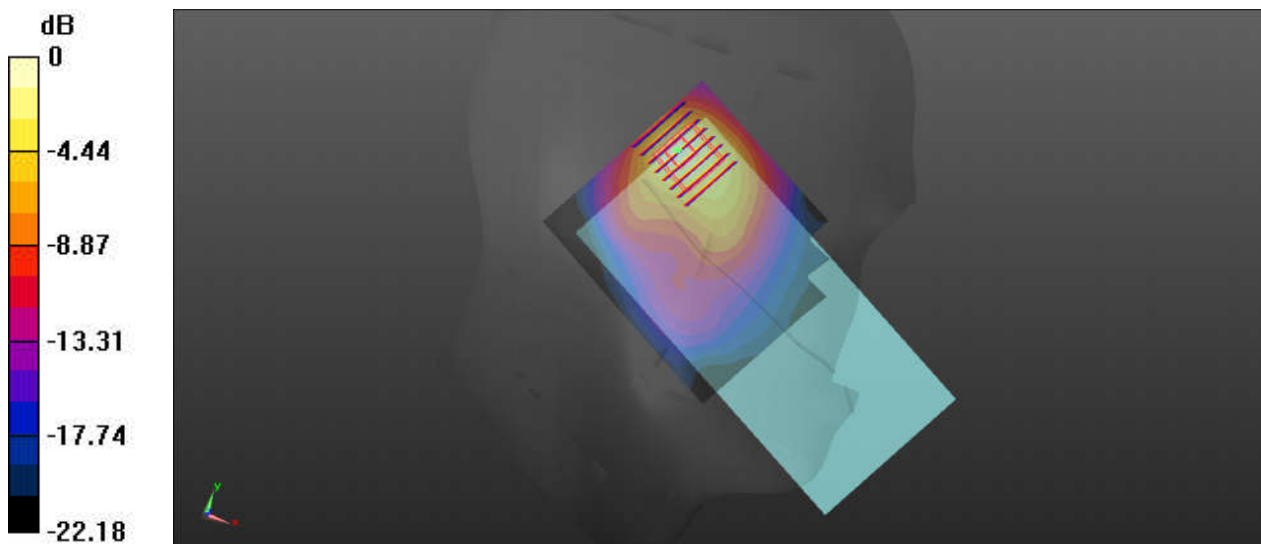
Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.007  
Medium: HSL\_2450\_210719 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.846$  S/m;  $\epsilon_r = 39.627$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.29, 8.29, 8.29); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch6/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.22 W/kg

**Ch6/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 13.22 V/m; Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 1.52 W/kg  
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.334 W/kg**  
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg



### 15\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch54

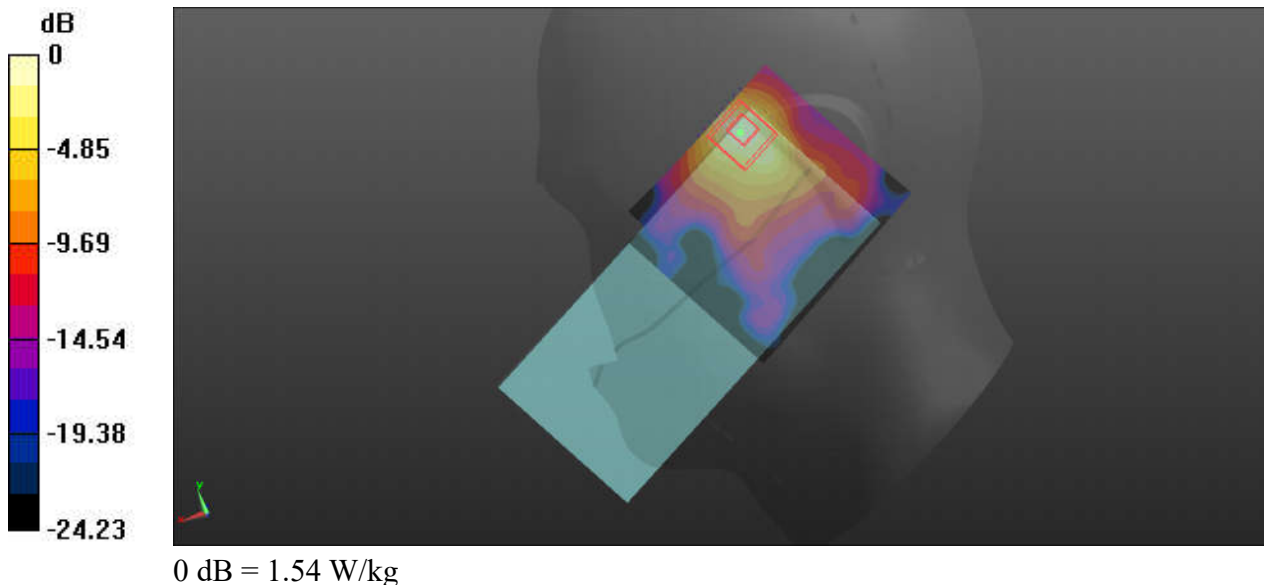
Communication System: UID 0, WIFI (0); Frequency: 5270 MHz; Duty Cycle: 1:1.072  
Medium: HSL\_5250\_210728 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.623$  S/m;  $\epsilon_r = 36.596$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.68, 5.68, 5.68); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch54/Area Scan (91x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.47 W/kg

**Ch54/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 7.696 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 2.46 W/kg  
**SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.249 W/kg**  
Maximum value of SAR (measured) = 1.54 W/kg



### 16\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch134

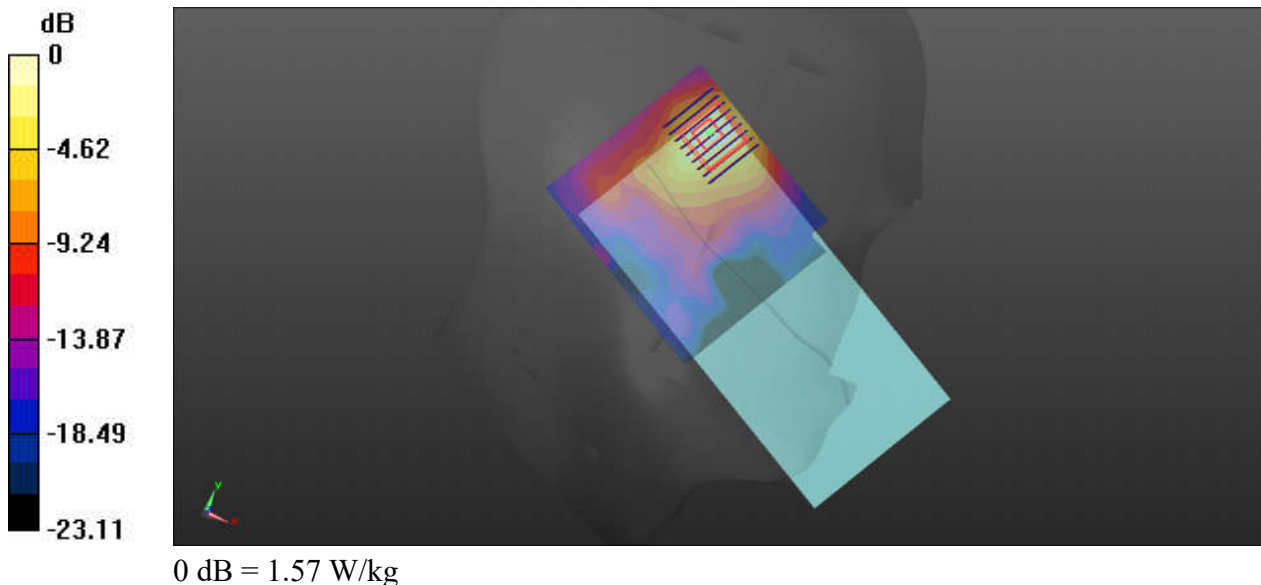
Communication System: UID 0, WIFI (0); Frequency: 5670 MHz;Duty Cycle: 1:1.072  
Medium: HSL\_5600\_210729 Medium parameters used:  $f = 5670$  MHz;  $\sigma = 5.083$  S/m;  $\epsilon_r = 35.972$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.03, 5.03, 5.03); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch134/Area Scan (91x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.48 W/kg

**Ch134/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 7.427 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 2.65 W/kg  
**SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.246 W/kg**  
Maximum value of SAR (measured) = 1.57 W/kg



### 17\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Left Cheek\_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz;Duty Cycle: 1:1.138  
Medium: HSL\_5750\_210723 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.339$  S/m;  $\epsilon_r = 35.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

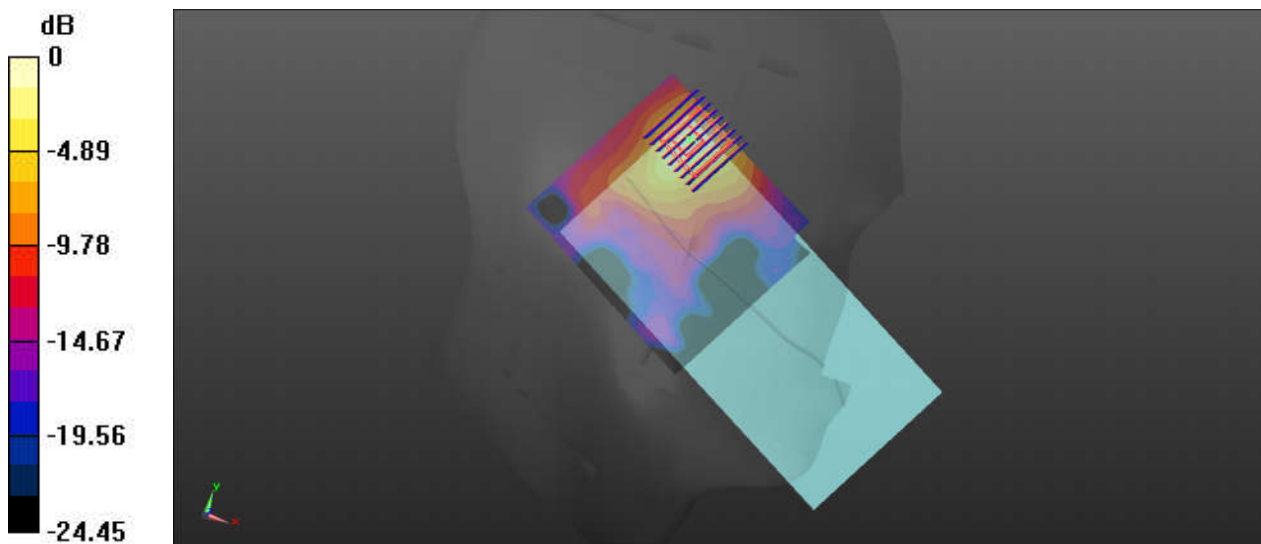
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.3, 5.3, 5.3); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch155/Area Scan (91x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.38 W/kg

**Ch155/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 8.017 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 2.45 W/kg  
**SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.229 W/kg**  
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

### 18\_GSM850\_GPRS (4 Tx slots)\_Back\_5mm\_Ch251

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>

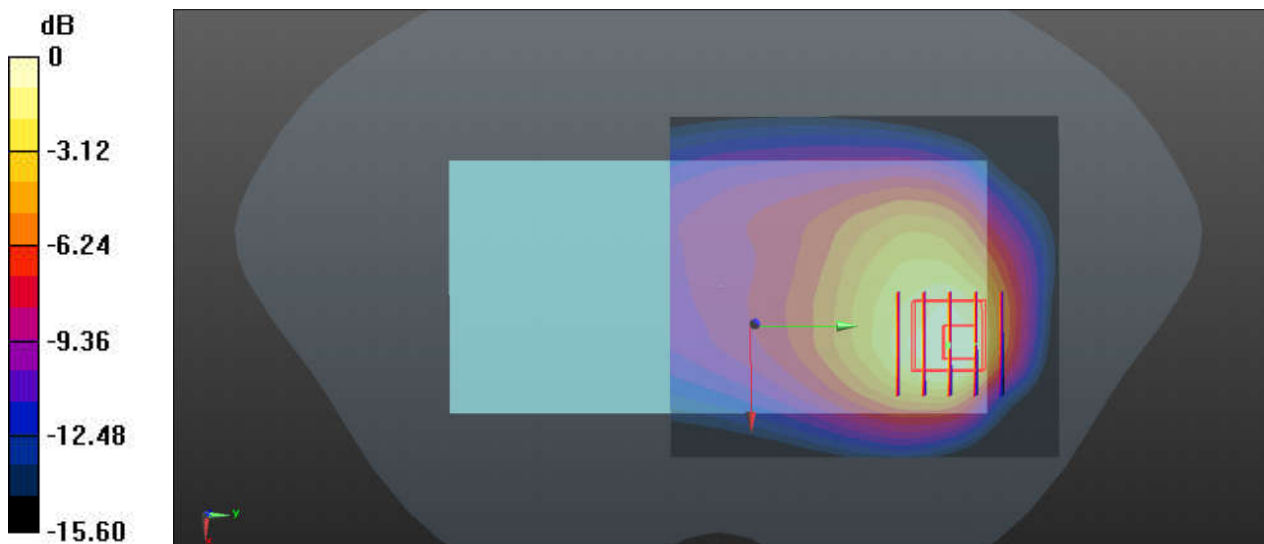
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch251/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.94 W/kg

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.981 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 2.12 W/kg  
**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.623 W/kg**  
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg

### 19\_GSM1900\_GPRS (4 Tx slots)\_Back\_5mm\_Ch661

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.177$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

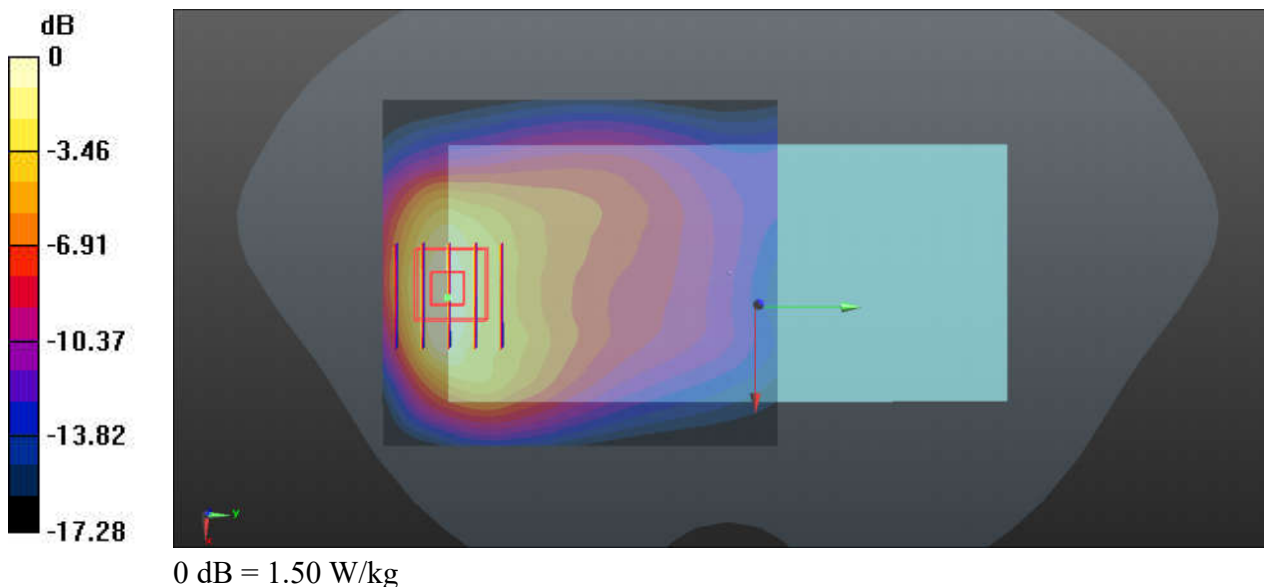
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch661/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.59 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.132 V/m; Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 1.80 W/kg  
**SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.539 W/kg**  
Maximum value of SAR (measured) = 1.50 W/kg



## 20\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4182

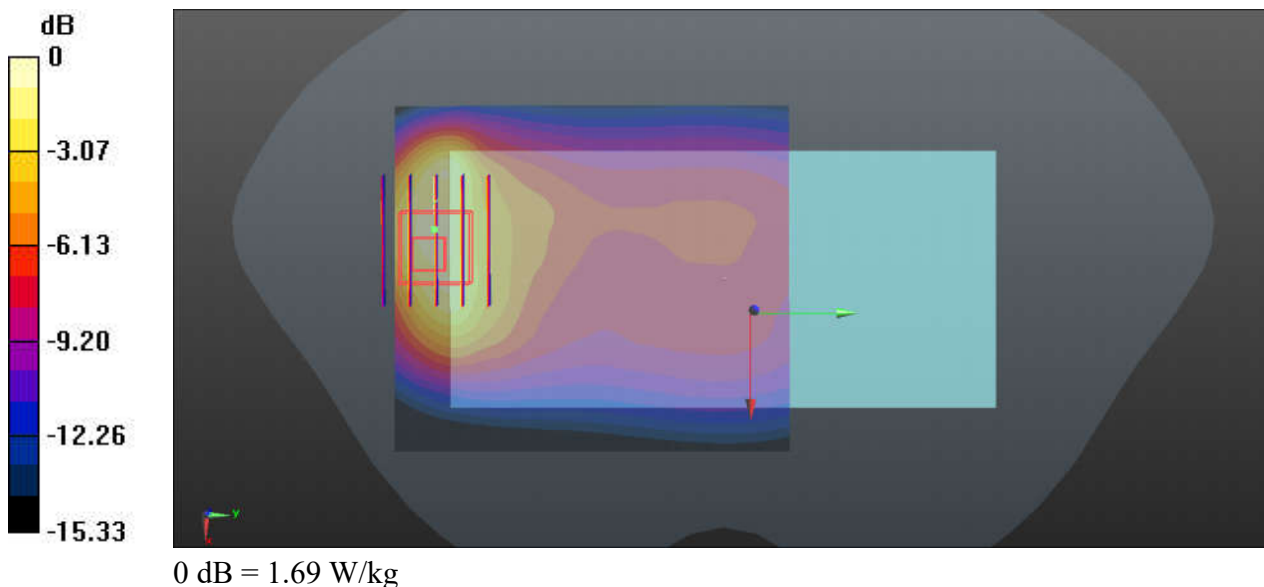
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.397$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch4182/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.47 W/kg

**Ch4182/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.039 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.609 W/kg**  
Maximum value of SAR (measured) = 1.69 W/kg



## 21\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_Ch1312

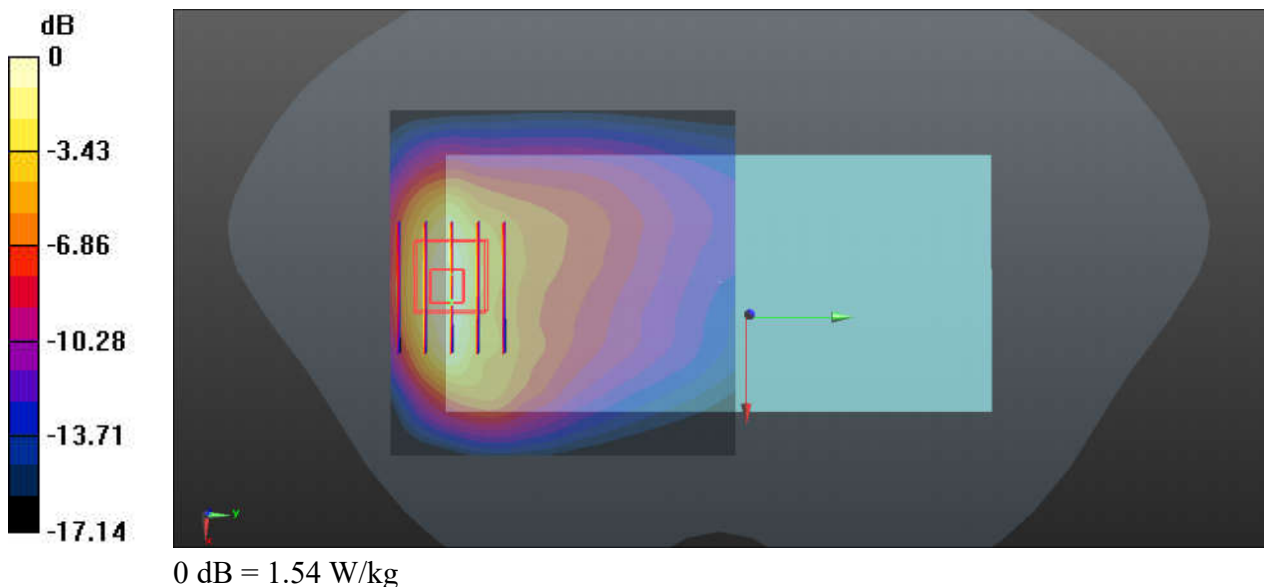
Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210721 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.341$  S/m;  $\epsilon_r = 40.97$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch1312/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.63 W/kg

**Ch1312/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.256 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.572 W/kg**  
Maximum value of SAR (measured) = 1.54 W/kg



## 22\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch9538

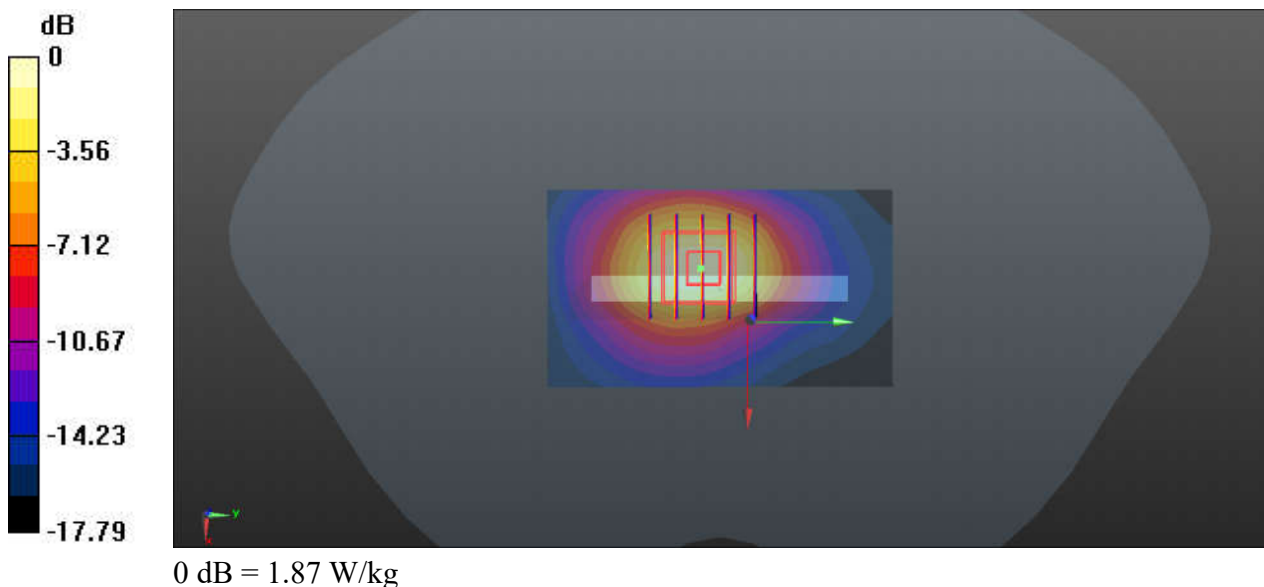
Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.456$  S/m;  $\epsilon_r = 39.076$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch9538/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.99 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 30.98 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 2.27 W/kg  
**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.639 W/kg**  
Maximum value of SAR (measured) = 1.87 W/kg





### 23\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
 Medium: HSL\_750\_210716 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 41.719$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

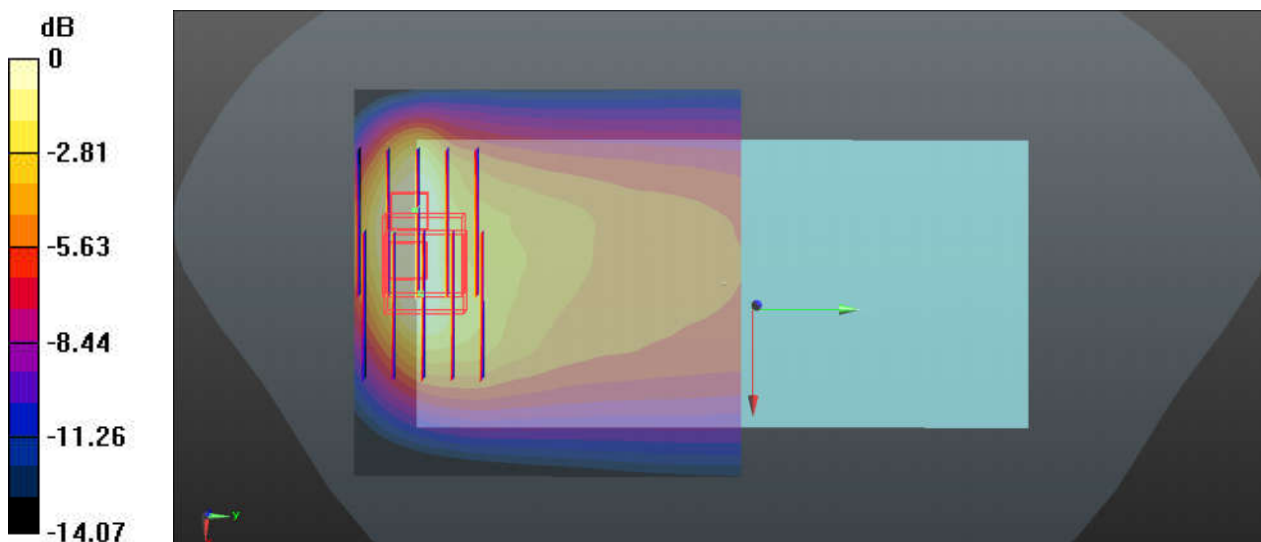
**DASY5 Configuration:**

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch23095/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.84 W/kg

**Ch23095/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 9.358 V/m; Power Drift = 0.09 dB  
 Peak SAR (extrapolated) = 2.13 W/kg  
**SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.580 W/kg**  
 Maximum value of SAR (measured) = 1.56 W/kg

**Ch23095/Zoom Scan (6x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 9.358 V/m; Power Drift = 0.09 dB  
 Peak SAR (extrapolated) = 1.90 W/kg  
**SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.579 W/kg**  
 Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

## 24\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210716 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.899 \text{ S/m}$ ;  $\epsilon_r = 40.06$ ;  $\rho = 1000 \text{ kg/m}^3$

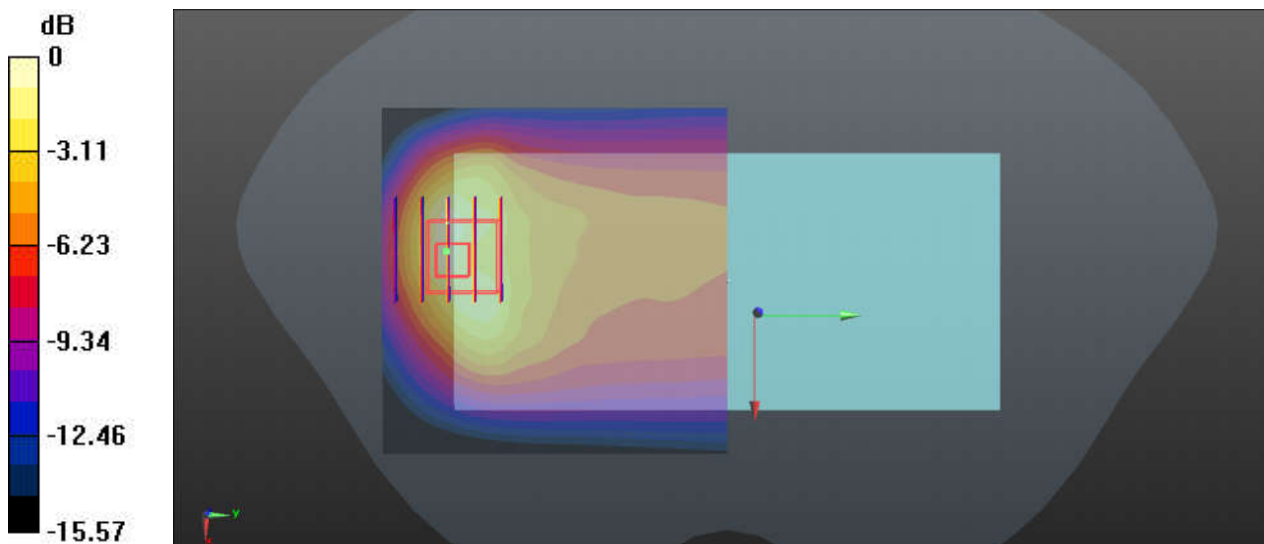
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch23230/Area Scan (71x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 1.48 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 22.90 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.03 W/kg  
**SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.575 W/kg**  
Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg

## 25\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23330

Communication System: UID 0, LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_210716 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 39.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

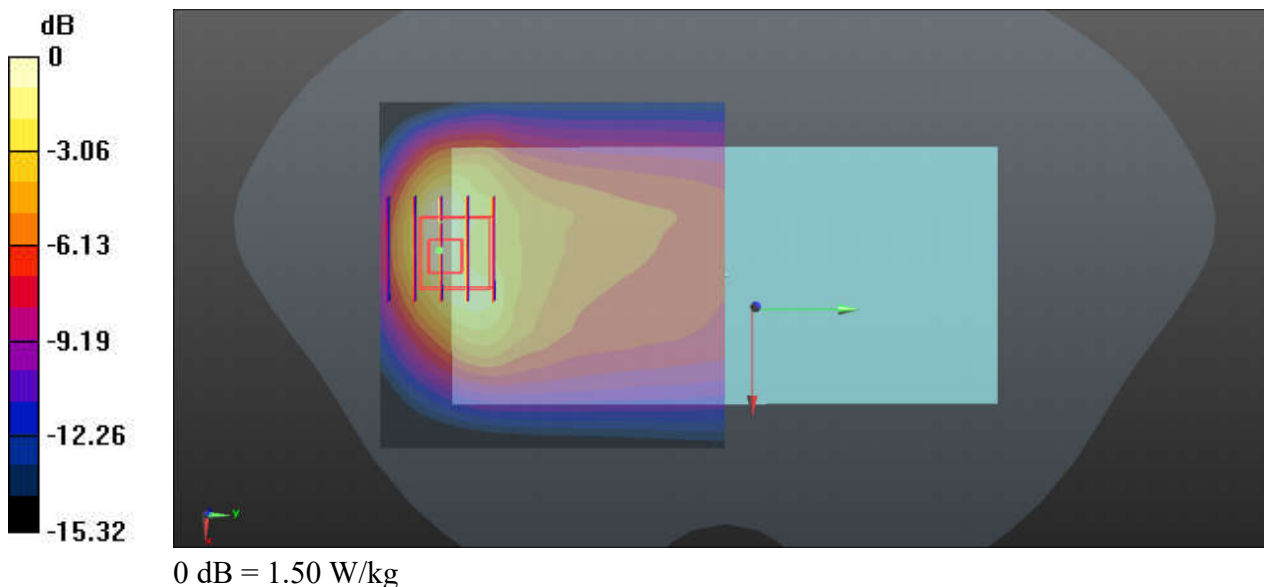
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.85, 9.85, 9.85); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch23330/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.51 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.43 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.86 W/kg  
**SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.543 W/kg**  
Maximum value of SAR (measured) = 1.50 W/kg



## 26\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch20525

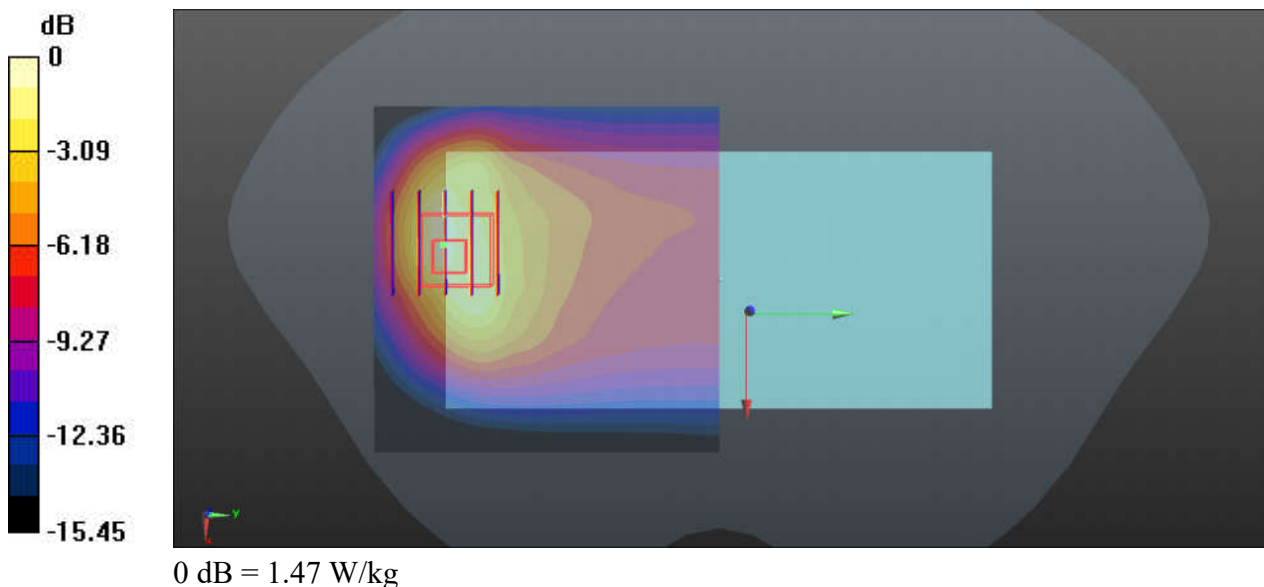
Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 42.395$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch20525/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.29 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.308 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 1.80 W/kg  
**SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.527 W/kg**  
Maximum value of SAR (measured) = 1.47 W/kg



## 27\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch132072

Communication System: UID 0, LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210721 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.35$  S/m;  $\epsilon_r = 40.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

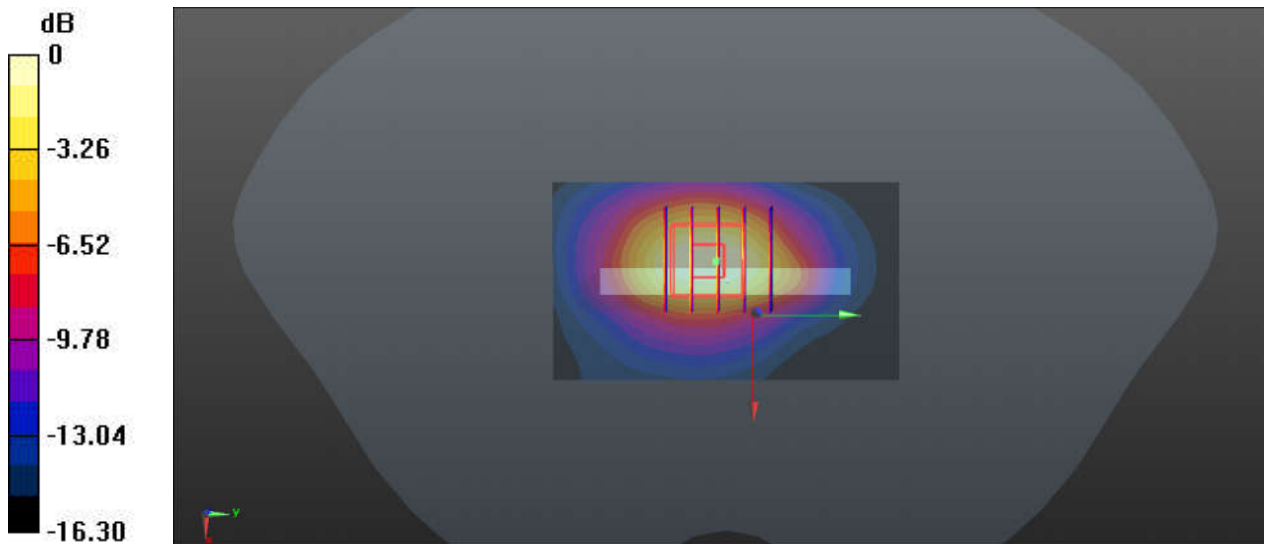
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch132072/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.50 W/kg

**Ch132072/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 28.43 V/m; Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 1.63 W/kg  
**SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.524 W/kg**  
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg

## 28\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch19100

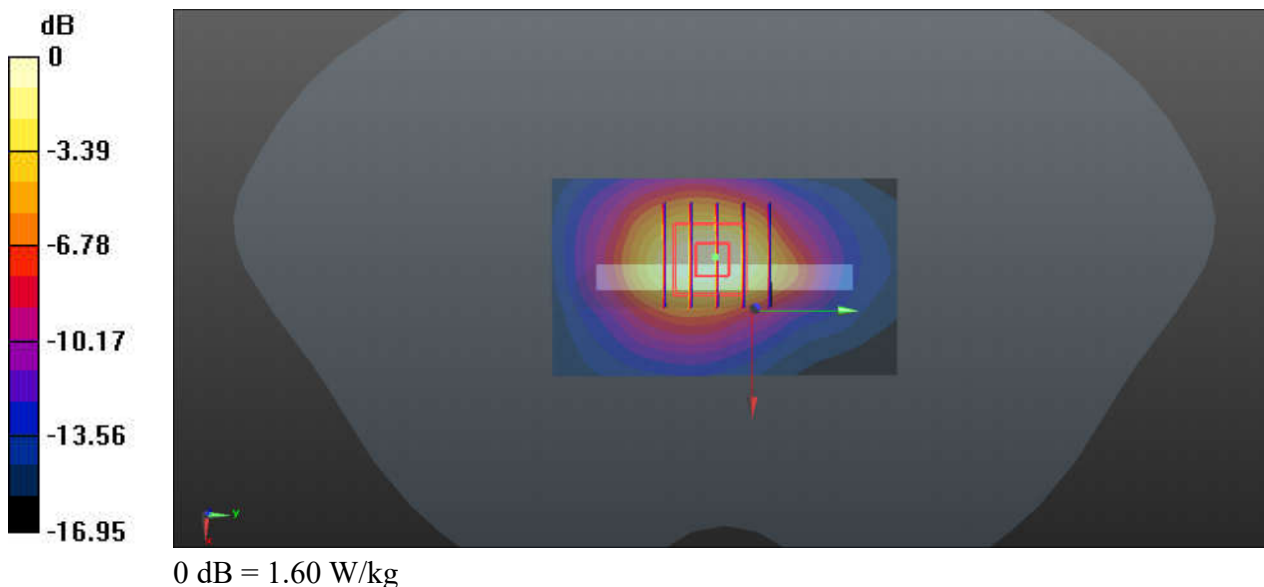
Communication System: UID 0, LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.448$  S/m;  $\epsilon_r = 39.105$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch19100/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.73 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 30.62 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 1.93 W/kg  
**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.559 W/kg**  
Maximum value of SAR (measured) = 1.60 W/kg



### 29\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch27710

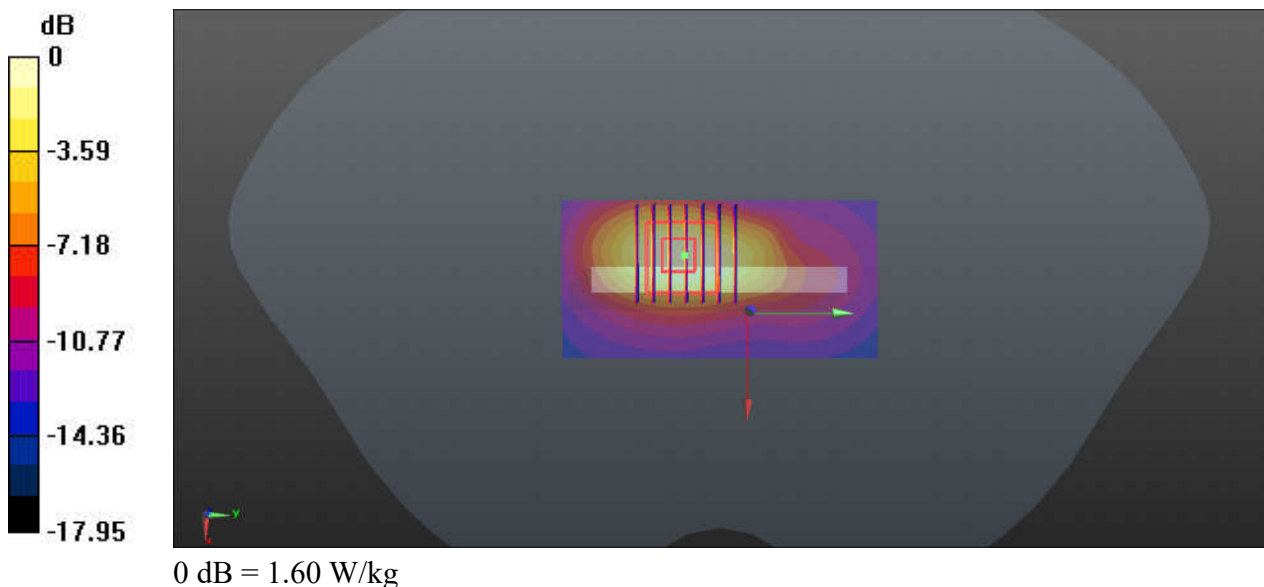
Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_210726 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.739$  S/m;  $\epsilon_r = 37.766$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(7.99, 7.99, 7.99); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch27710/Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.65 W/kg

**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 23.51 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 2.02 W/kg  
**SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.462 W/kg**  
Maximum value of SAR (measured) = 1.60 W/kg



### 30\_Bluetooth\_DH5 1Mbps\_Back\_5mm\_Ch39

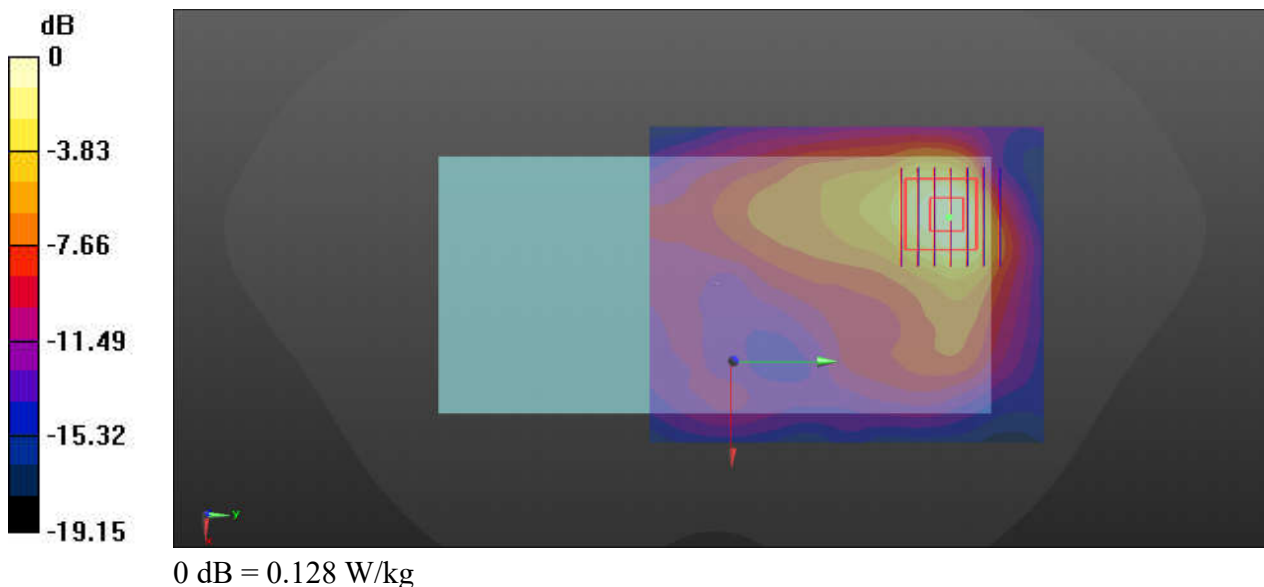
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.306  
Medium: HSL\_2450\_210719 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.851$  S/m;  $\epsilon_r = 39.608$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.29, 8.29, 8.29); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch39/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.168 W/kg

**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.433 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 0.173 W/kg  
**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.038 W/kg**  
Maximum value of SAR (measured) = 0.128 W/kg





### 31\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch1

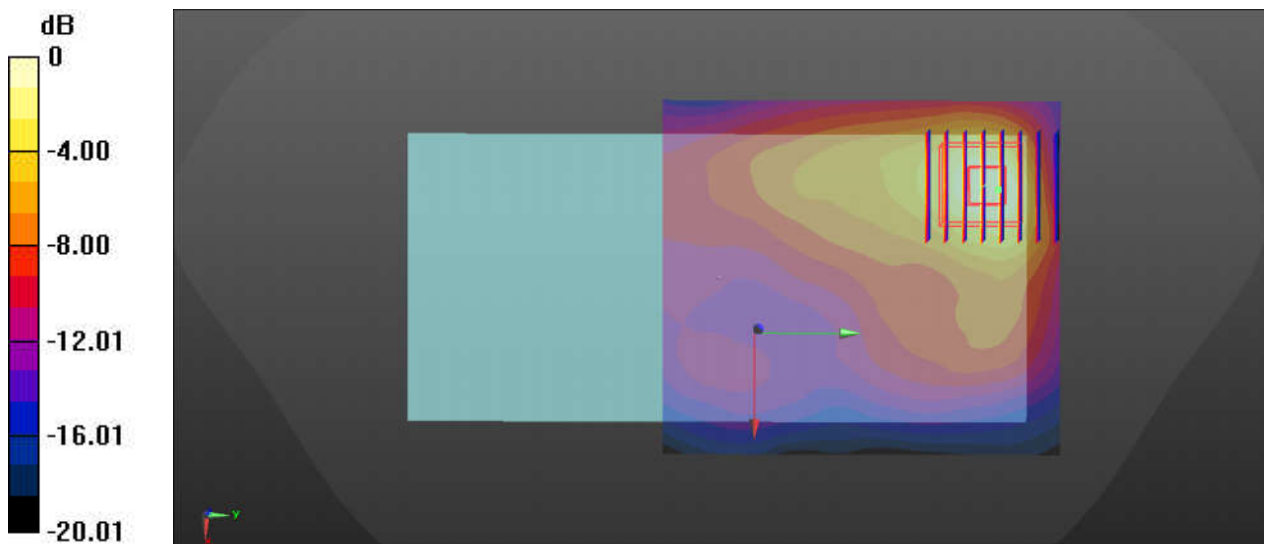
Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.007  
Medium: HSL\_2450\_210719 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.769$  S/m;  $\epsilon_r = 38.063$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(8.29, 8.29, 8.29); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch1/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.317 W/kg

**Ch1/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.488 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.375 W/kg  
**SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.081 W/kg**  
Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg

### 32\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_5mm\_Ch42

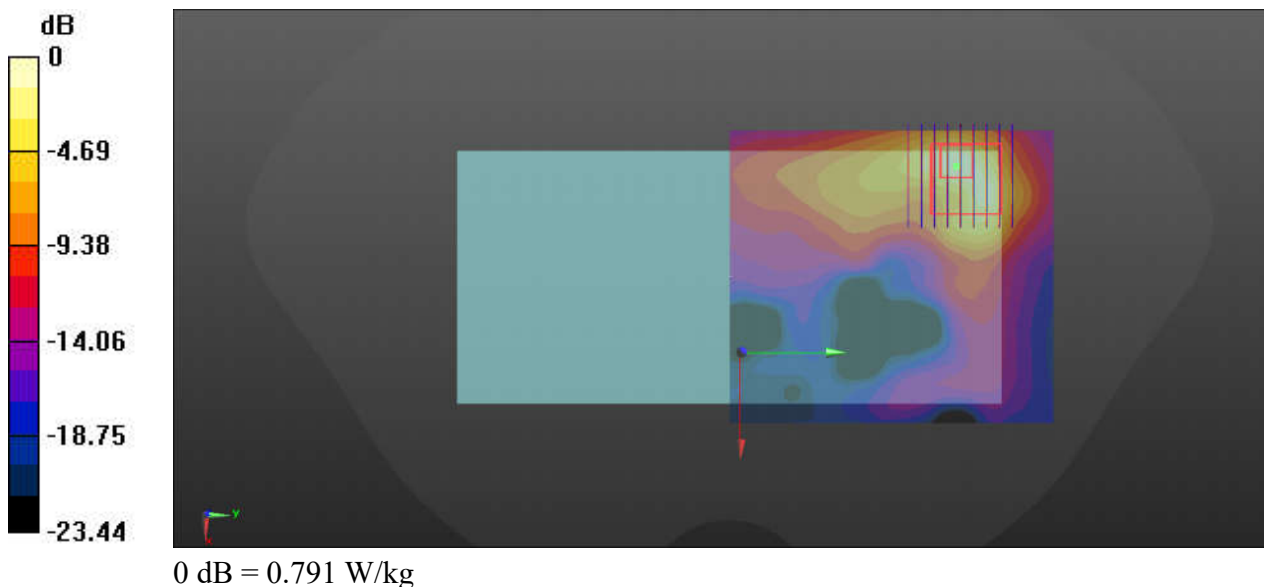
Communication System: UID 0, WIFI (0); Frequency: 5210 MHz; Duty Cycle: 1:1.138  
Medium: HSL\_5250\_210721 Medium parameters used:  $f = 5210 \text{ MHz}$ ;  $\sigma = 4.671 \text{ S/m}$ ;  $\epsilon_r = 36.484$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.68, 5.68, 5.68); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch42/Area Scan (91x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.817 W/kg

**Ch42/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$   
Reference Value = 2.384 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 1.32 W/kg  
**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.113 W/kg**  
Maximum value of SAR (measured) = 0.791 W/kg



### 33\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Side\_5mm\_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1.138  
Medium: HSL\_5750\_210723 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.339$  S/m;  $\epsilon_r = 35.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

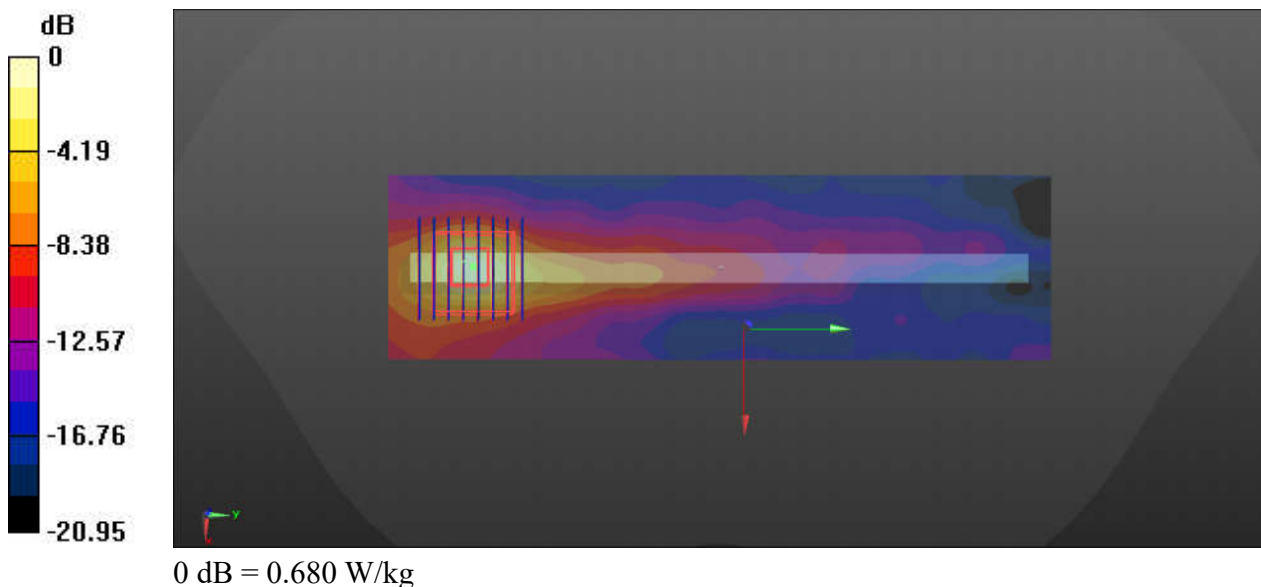
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7641; ConvF(5.3, 5.3, 5.3); Calibrated: 2021/3/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

**Ch155/Area Scan (51x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.593 W/kg

**Ch155/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 3.945 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 1.32 W/kg  
**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.086 W/kg**  
Maximum value of SAR (measured) = 0.680 W/kg



### 34\_GSM850\_GPRS (4 Tx slots)\_Back\_5mm\_Ch251

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.923 \text{ S/m}$ ;  $\epsilon_r = 42.293$ ;  $\rho = 1000 \text{ kg/m}^3$

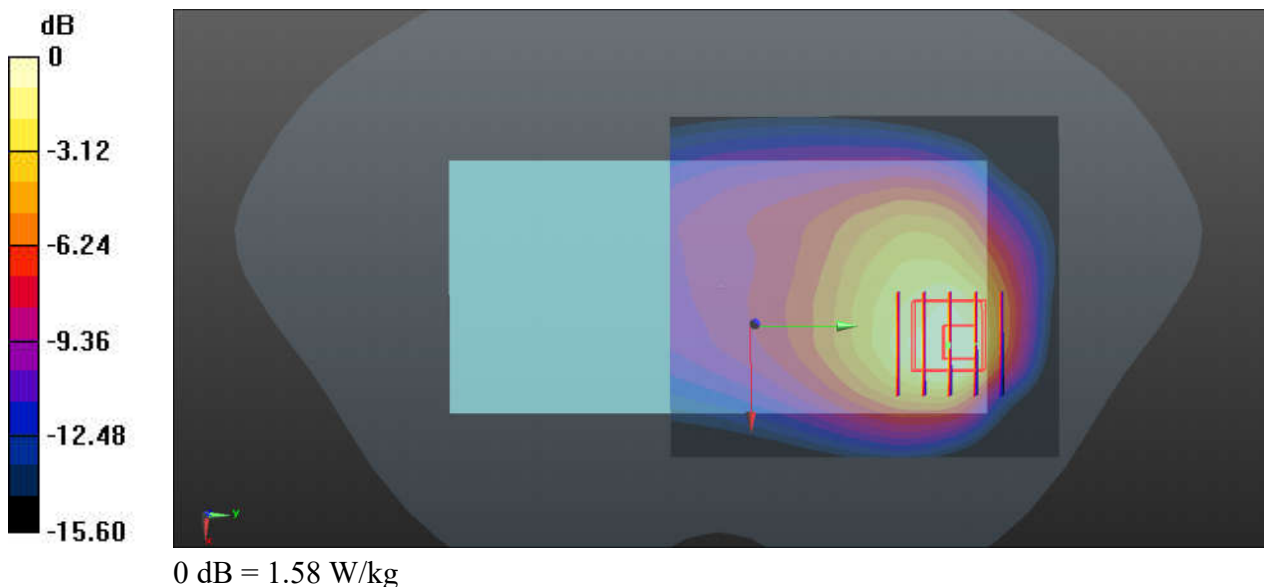
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch251/Area Scan (71x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 1.94 W/kg

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 6.981 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 2.12 W/kg  
**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.623 W/kg**  
Maximum value of SAR (measured) = 1.58 W/kg



### 35\_GSM1900\_GPRS (4 Tx slots)\_Back\_5mm\_Ch661

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900\_210725 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.177$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

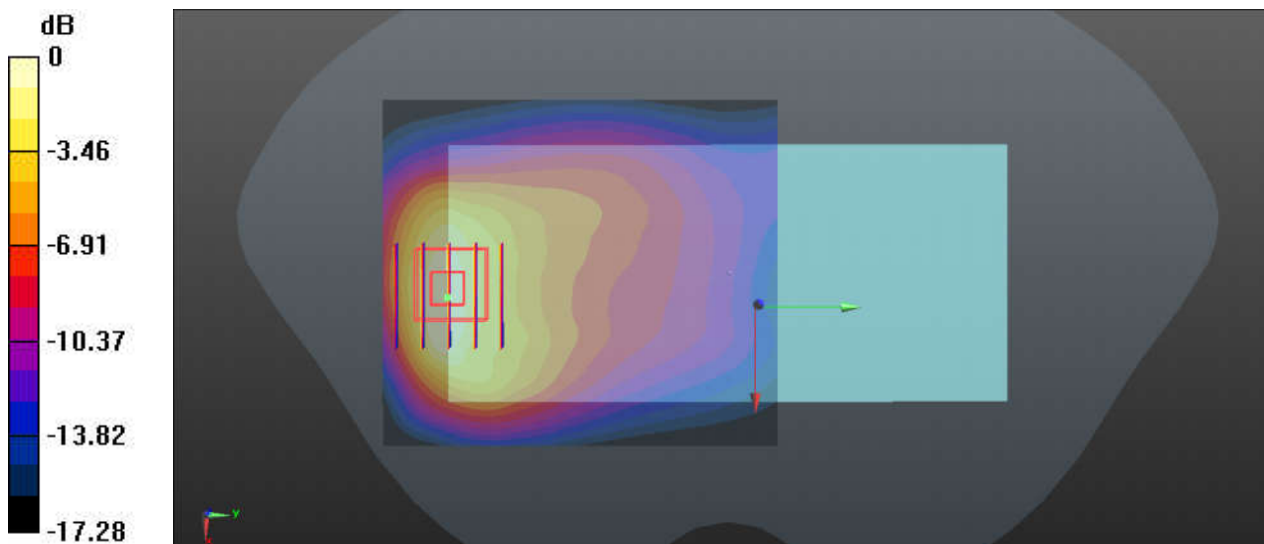
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.34, 8.34, 8.34); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch661/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.59 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.132 V/m; Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 1.80 W/kg  
**SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.539 W/kg**  
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg

### 36\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4182

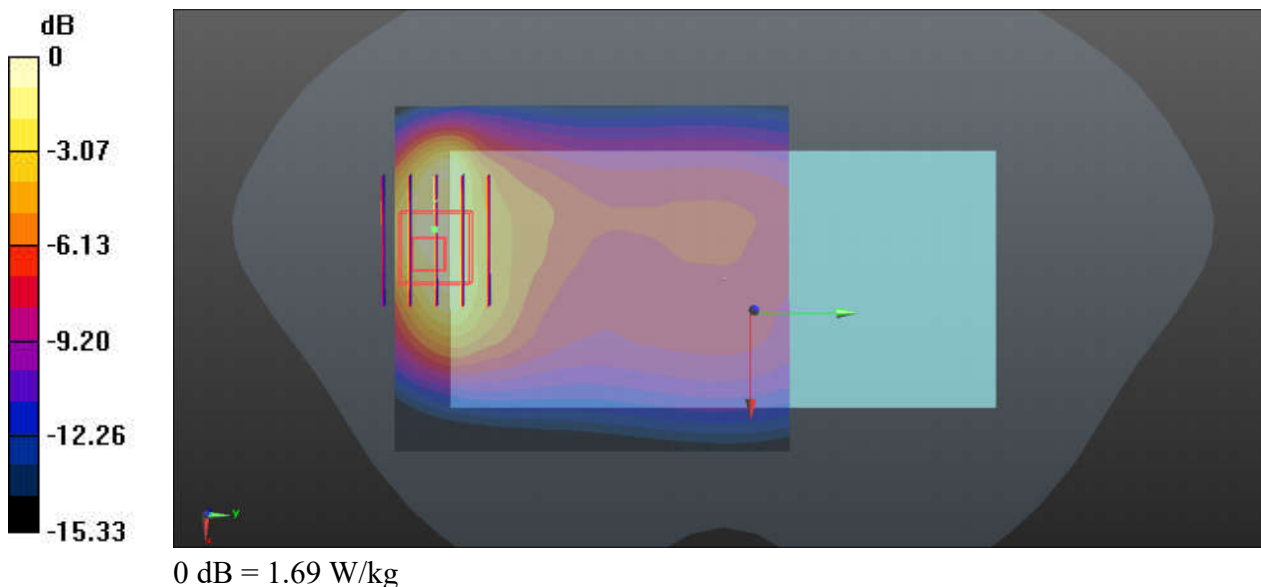
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_210718 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.397$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(9.54, 9.54, 9.54); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch4182/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.47 W/kg

**Ch4182/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.039 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.609 W/kg**  
Maximum value of SAR (measured) = 1.69 W/kg



### 37\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_Ch1312

Communication System: UID 0, UMTS (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210721 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.341$  S/m;  $\epsilon_r = 40.97$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7577; ConvF(8.62, 8.62, 8.62); Calibrated: 2020/9/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2020/11/6
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch1312/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.63 W/kg

**Ch1312/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.256 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.572 W/kg**  
Maximum value of SAR (measured) = 1.54 W/kg

