

### System Check\_Head\_2600MHz

**DUT: D2600V2 - SN:1061**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 40.621$ ;  $\rho = 1000$  kg/m<sup>3</sup>

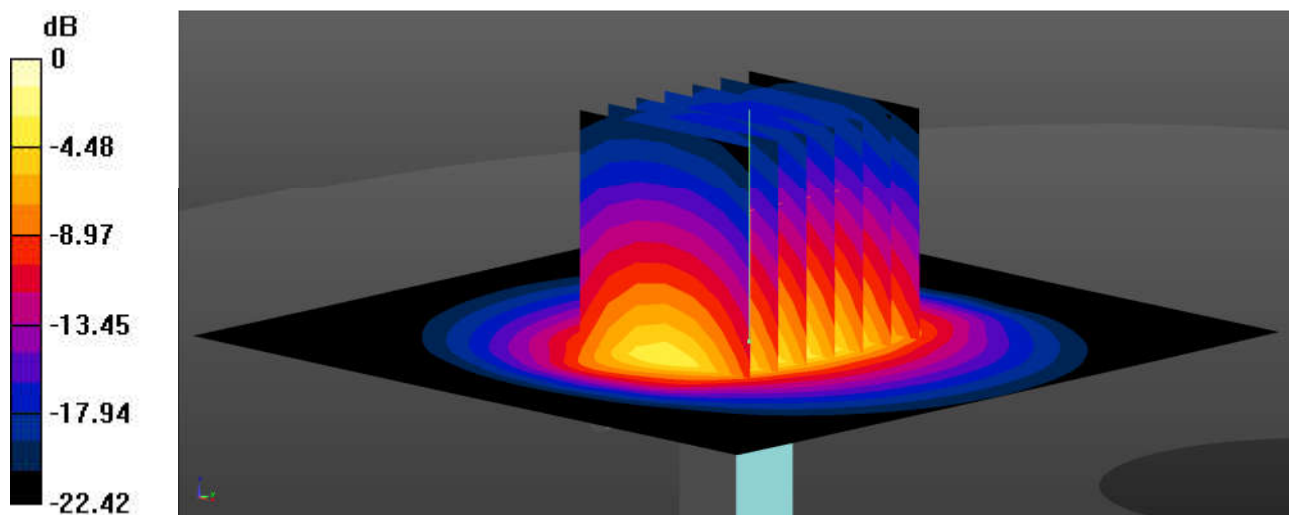
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 m  
Maximum value of SAR (interpolated) = 5.51 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 49.29 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 5.34 W/kg  
**SAR(1 g) = 2.98 W/kg; SAR(10 g) = 1.34 W/kg**  
Maximum value of SAR (measured) = 5.46 W/kg



0 dB = 5.46 W/kg = 7.37 dBW/kg

### System Check\_Head\_3500MHz

**DUT: D3500V2 - SN:1037**

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1  
Medium: HSL\_3500 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.848$  S/m;  $\epsilon_r = 38.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>

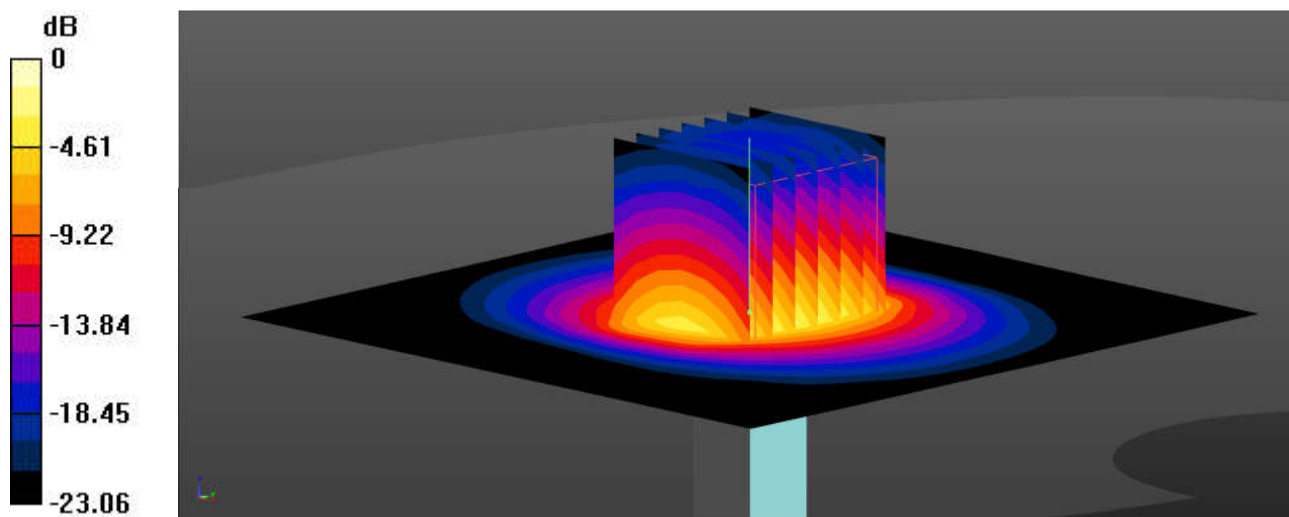
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.19, 7.19, 7.19); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 5.57 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 47.18 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 7.25 W/kg  
**SAR(1 g) = 3.17 W/kg; SAR(10 g) = 1.19 W/kg**  
Maximum value of SAR (measured) = 5.64 W/kg



0 dB = 5.64 W/kg = 7.51 dBW/kg

### System Check\_Head\_3700MHz

**DUT: D3700V2 - SN:1008**

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1  
Medium: HSL\_3700 Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.044$  S/m;  $\epsilon_r = 38.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>

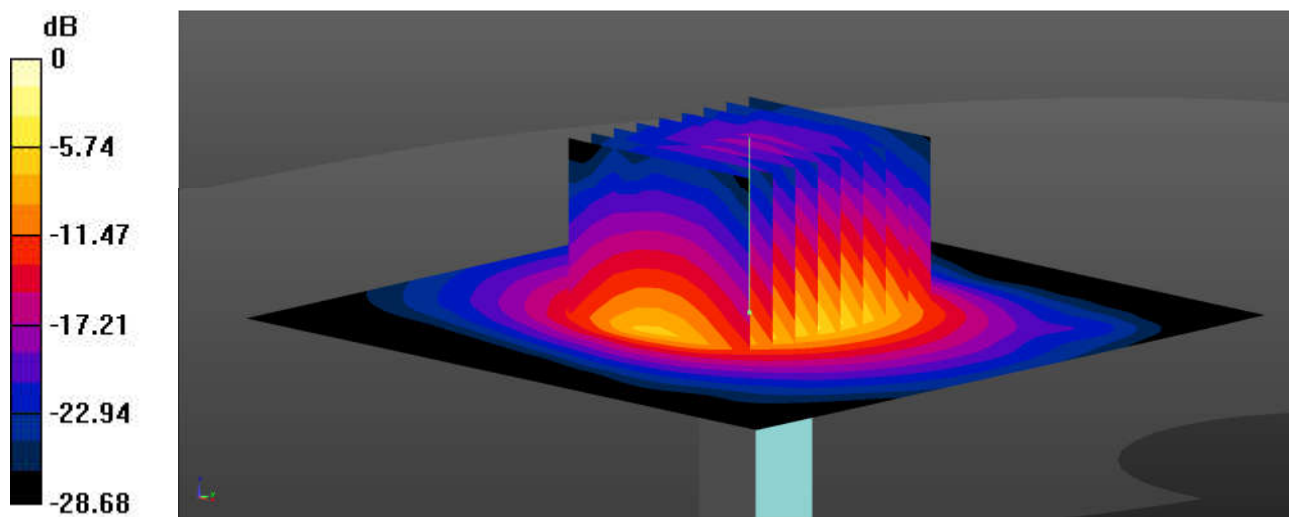
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.13, 7.13, 7.13); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 6.14 W/kg

**Pin=50mW/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 47.37 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 8.03 W/kg  
**SAR(1 g) = 3.23 W/kg; SAR(10 g) = 1.17 W/kg**  
Maximum value of SAR (measured) = 6.10 W/kg



0 dB = 6.10 W/kg = 7.85 dBW/kg

### System Check\_Head\_3900MHz

**DUT: D3900V2 - SN:1048**

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1  
Medium: HSL\_3900 Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.247$  S/m;  $\epsilon_r = 37.817$ ;  $\rho = 1000$  kg/m<sup>3</sup>

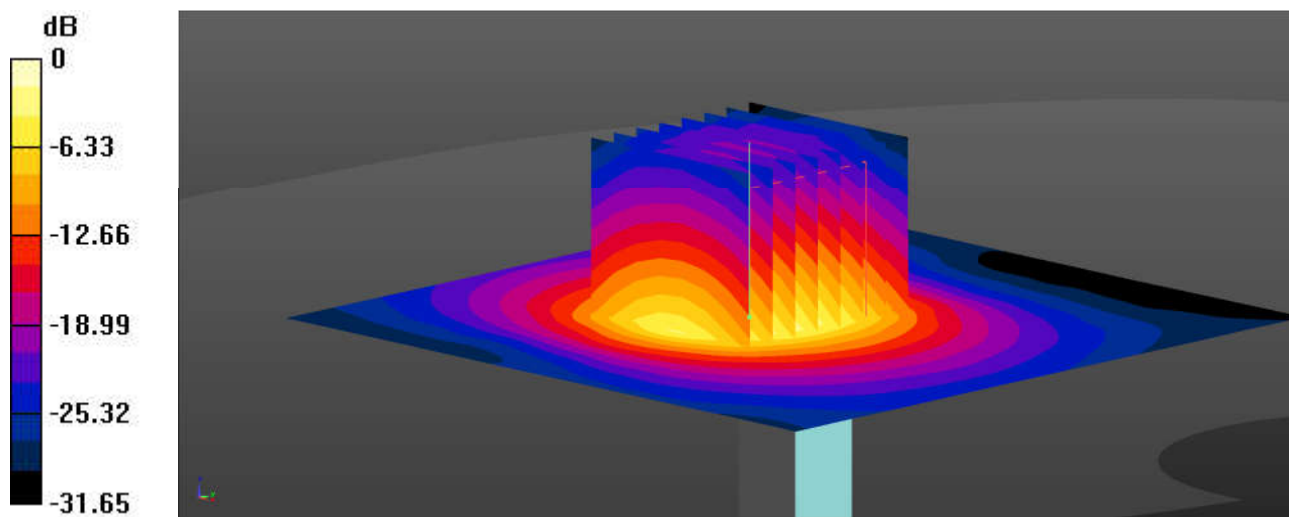
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(6.99, 6.99, 6.99); Calibrated: 2021.4.29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2021.4.26
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 7.27 W/kg

**Pin=50mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 43.10 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 10.1 W/kg  
**SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.22 W/kg**  
Maximum value of SAR (measured) = 7.20 W/kg



0 dB = 7.20 W/kg = 8.57 dBW/kg

### System Check\_Head\_5250MHz

#### DUT: D5GHzV2 - SN:1113

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1  
Medium: HSL\_5000 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.595$  S/m;  $\epsilon_r = 36.222$ ;  $\rho = 1000$  kg/m<sup>3</sup>

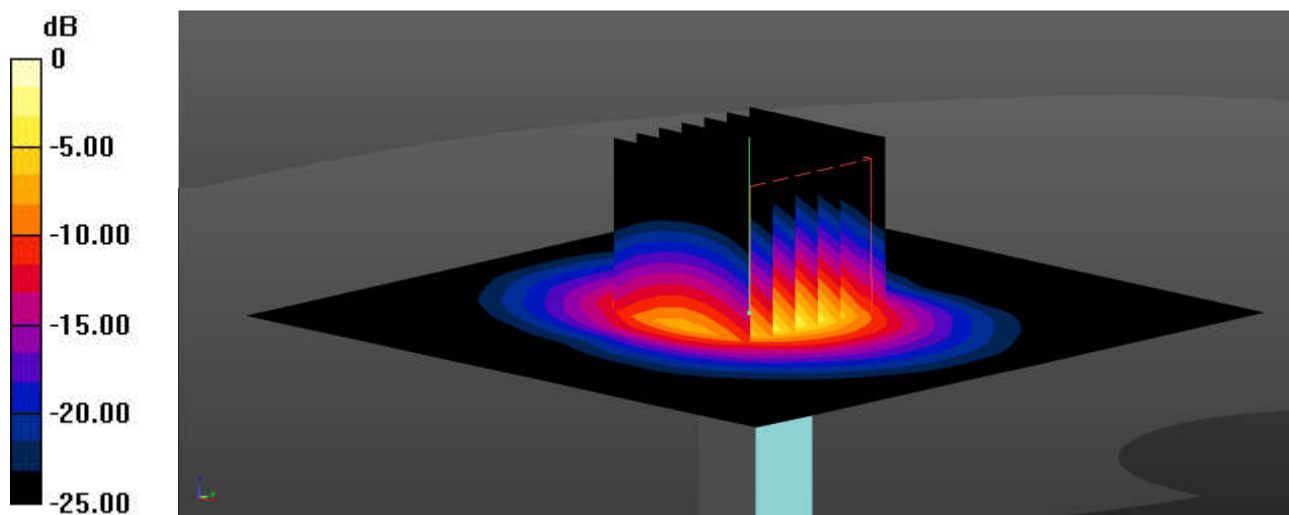
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.55, 5.55, 5.55); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 9.00 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 50.53 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 15.1 W/kg  
**SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.12 W/kg**  
Maximum value of SAR (measured) = 9.58 W/kg



0 dB = 9.58 W/kg = 9.81 dBW/kg

### System Check\_Head\_5600MHz

#### DUT: D5GHzV2 - SN:1113

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium: HSL\_5000 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.972$  S/m;  $\epsilon_r = 35.718$ ;  $\rho = 1000$  kg/m<sup>3</sup>

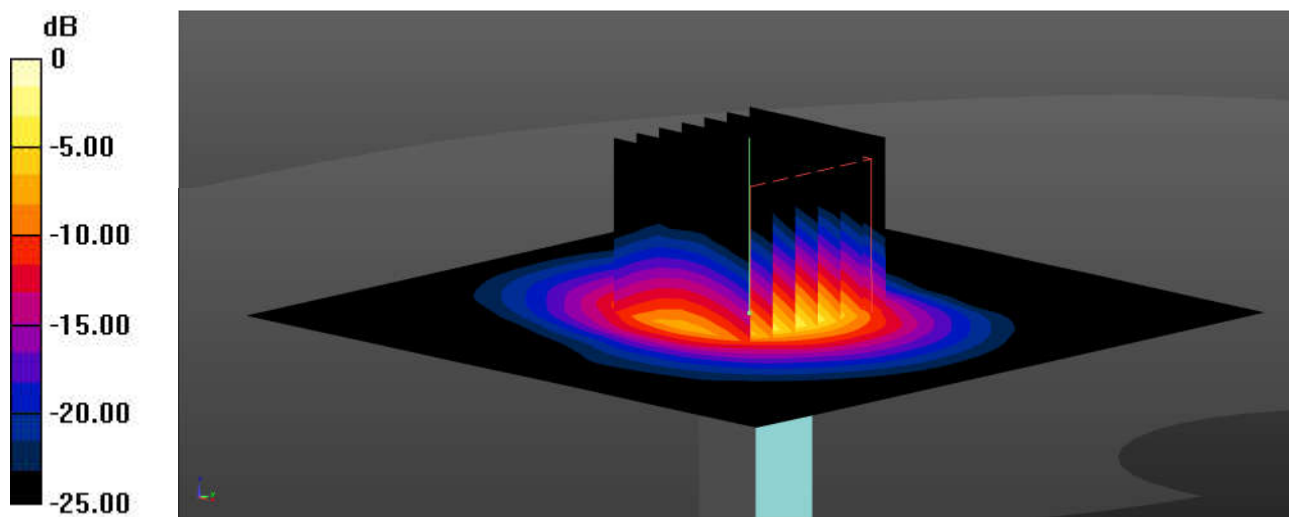
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(4.85, 4.85, 4.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 10.0 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 50.98 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 18.3 W/kg  
**SAR(1 g) = 4.18 W/kg; SAR(10 g) = 1.19 W/kg**  
Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

### System Check\_Head\_5750MHz

**DUT: D5GHzV2 - SN:1113**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1  
Medium: HSL\_5000 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.145$  S/m;  $\epsilon_r = 35.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

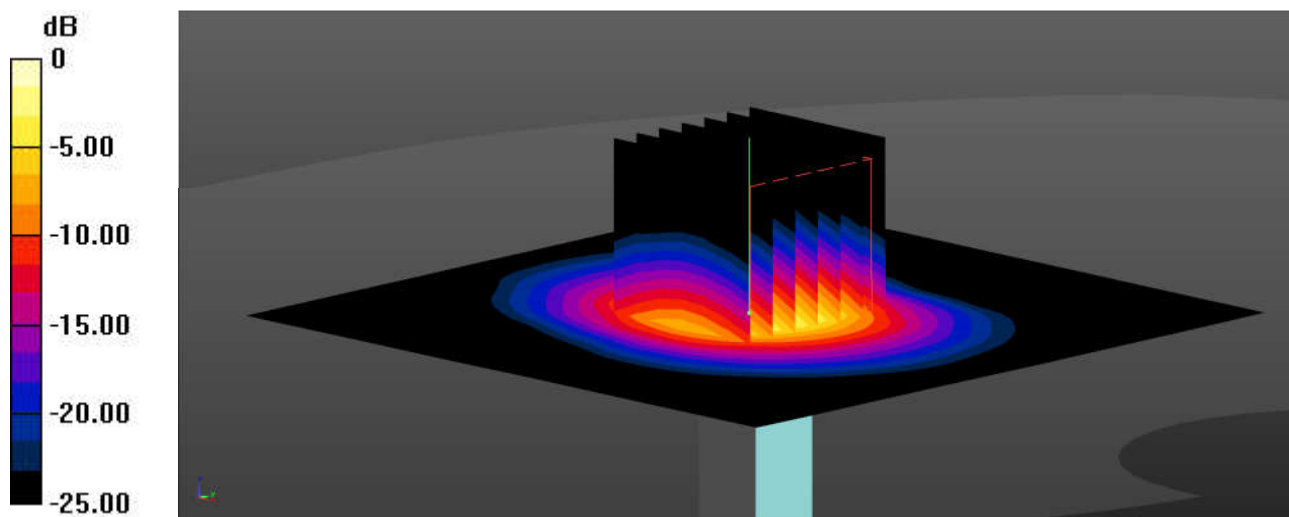
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.07, 5.07, 5.07); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 9.17 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 48.51 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 17.2 W/kg  
**SAR(1 g) = 3.8 W/kg; SAR(10 g) = 1.09 W/kg**  
Maximum value of SAR (measured) = 9.97 W/kg



0 dB = 9.97 W/kg = 9.99 dBW/kg

**Measurement Report for Device, FRONT, CW, Channel 6500 (6500.0 MHz)**

Communication System: Custom Band; Frequency: 6500.0

Medium: HSL. Medium parameters used:  $f = 6500.0$  MHz;  $\sigma = 5.859$  S/m;  $\epsilon_r = 34.256$

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

**DASY6 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(5.7, 5.7, 5.7); Calibrated: 2021-04-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1650; Calibrated: 2021-06-09
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1697; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW
- MAIA: Area Scan: N/A; Zoom Scan: N/A

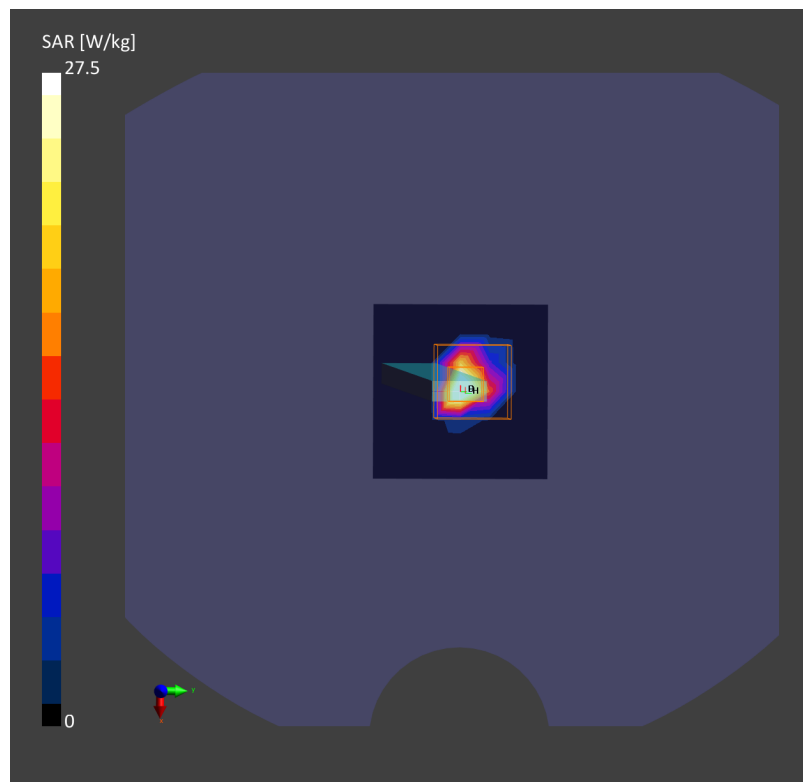
**Area Scan (51.0 mm x 51.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 21.8 W/kg; SAR (10g) = 4.66 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 27.7 W/kg; SAR (10g) = 4.90 W/kg;







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

The plots are shown as follows.

**01\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch23095**

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 42.899$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(10.38, 10.38, 10.38); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

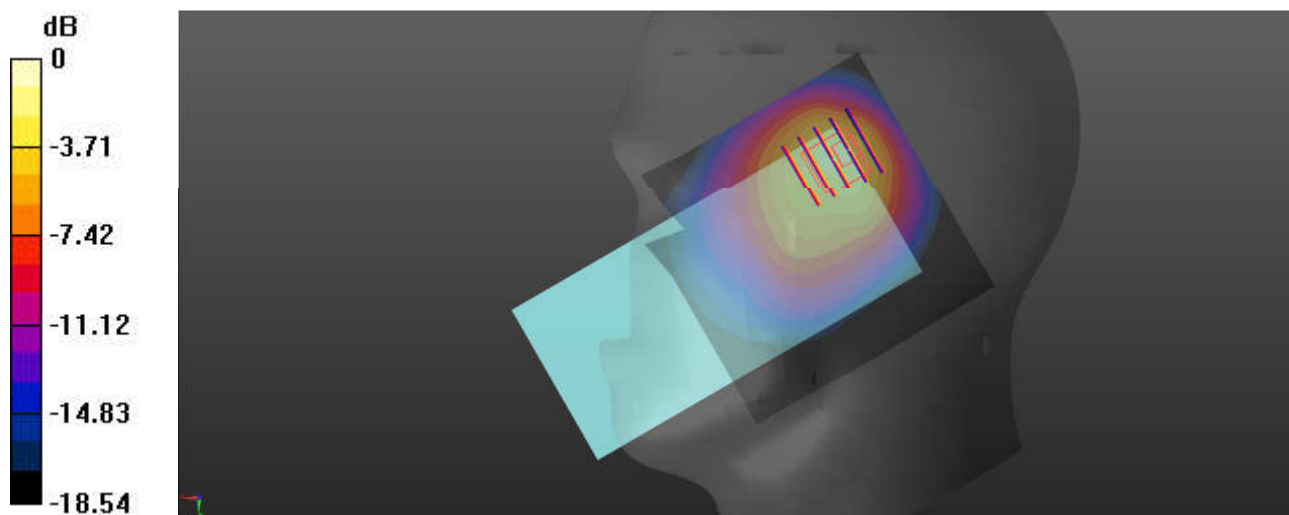
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.13 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.471 W/kg**

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



0 dB = 1.75 W/kg = 2.43 dBW/kg

**02\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch23230**

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.918 \text{ S/m}$ ;  $\epsilon_r = 42.718$ ;  $\rho = 1000 \text{ kg/m}^3$

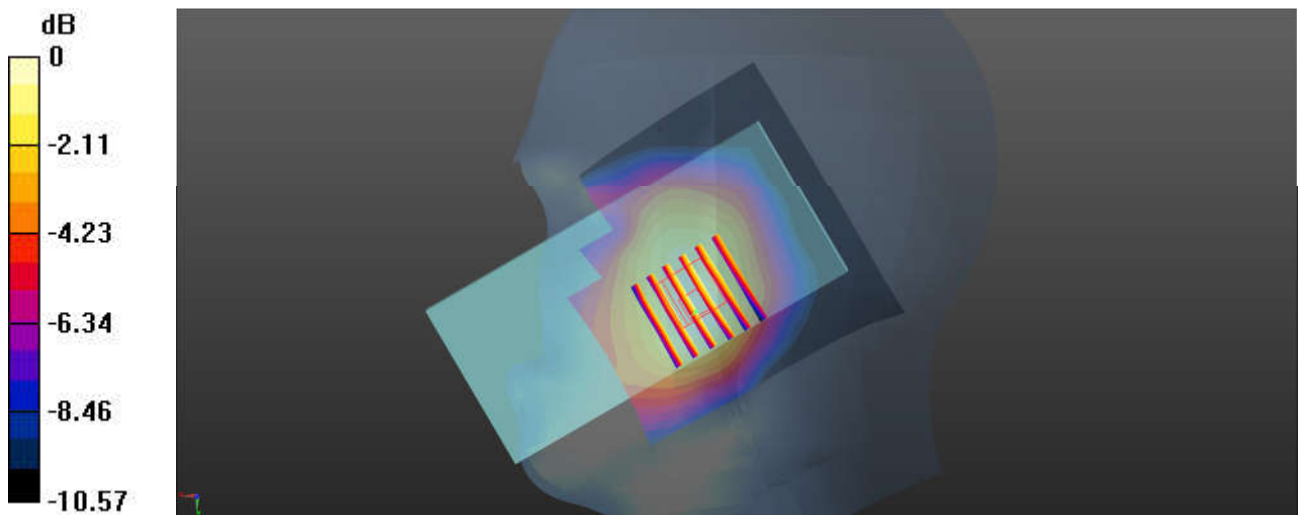
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(10.38, 10.38, 10.38); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.189 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 3.895 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.211 W/kg  
**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.113 W/kg**  
Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

### 03\_GSM850\_GPRS (2 Tx slots)\_Right Cheek\_0mm\_Ch189

Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 42.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

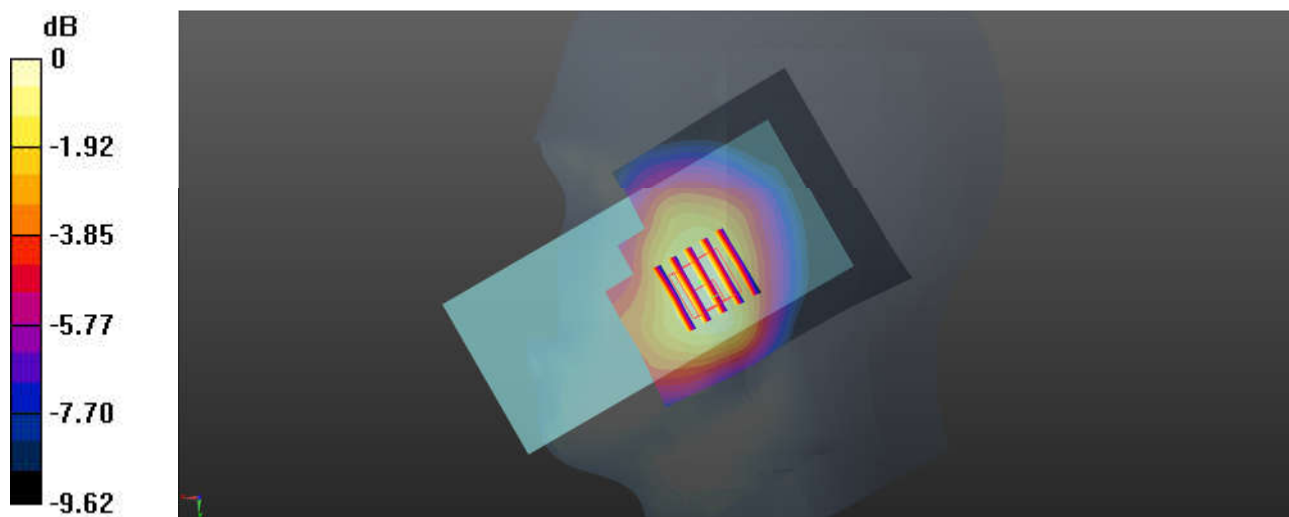
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.832 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.344 W/kg

**SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.177 W/kg**

Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.312 W/kg = -5.06 dBW/kg

### 04\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_0mm\_Ch4132

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.931$  S/m;  $\epsilon_r = 42.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

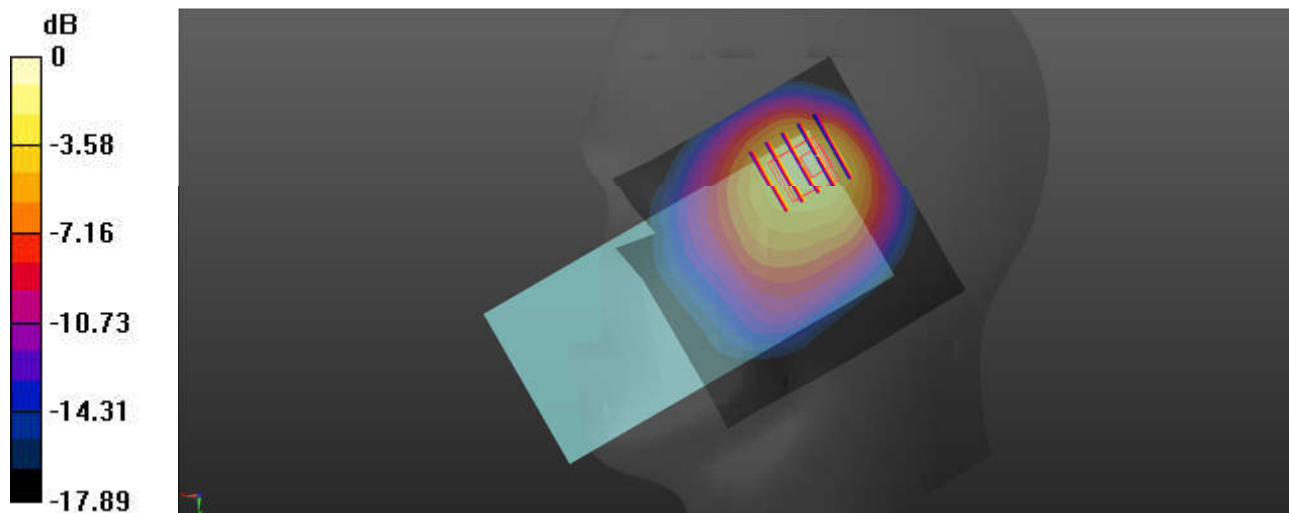
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.26 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.41 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.565 W/kg**

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

### 05\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch26865

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 42.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

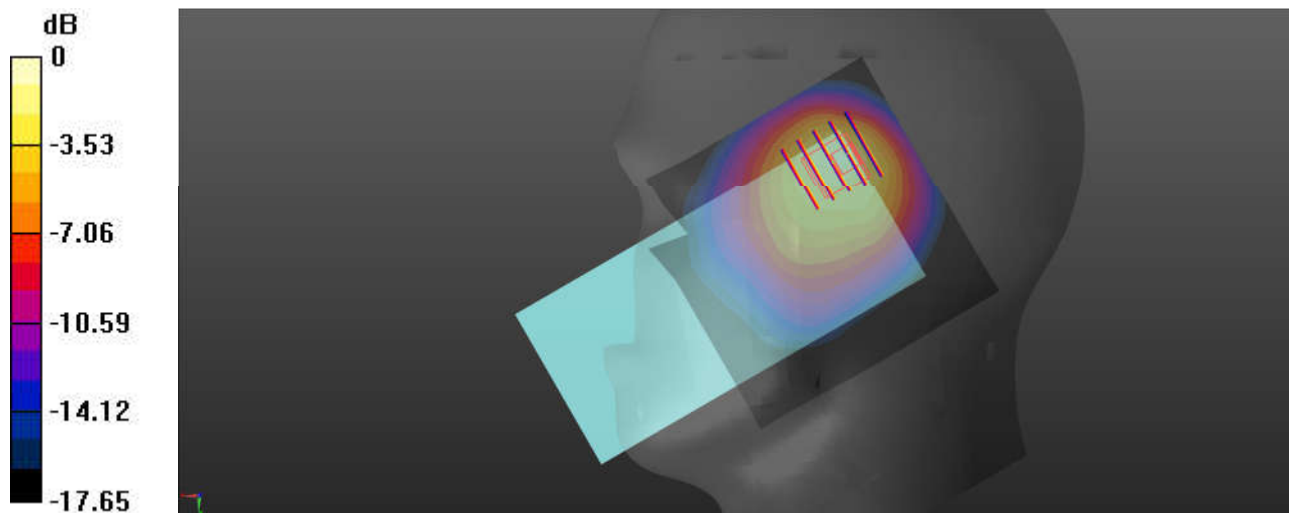
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.06 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.45 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.583 W/kg**

Maximum value of SAR (measured) = 1.82 W/kg



**06\_FR1 n5\_20M\_QPSK\_1RB\_1Offset\_Right Cheek\_0mm\_Ch167300**

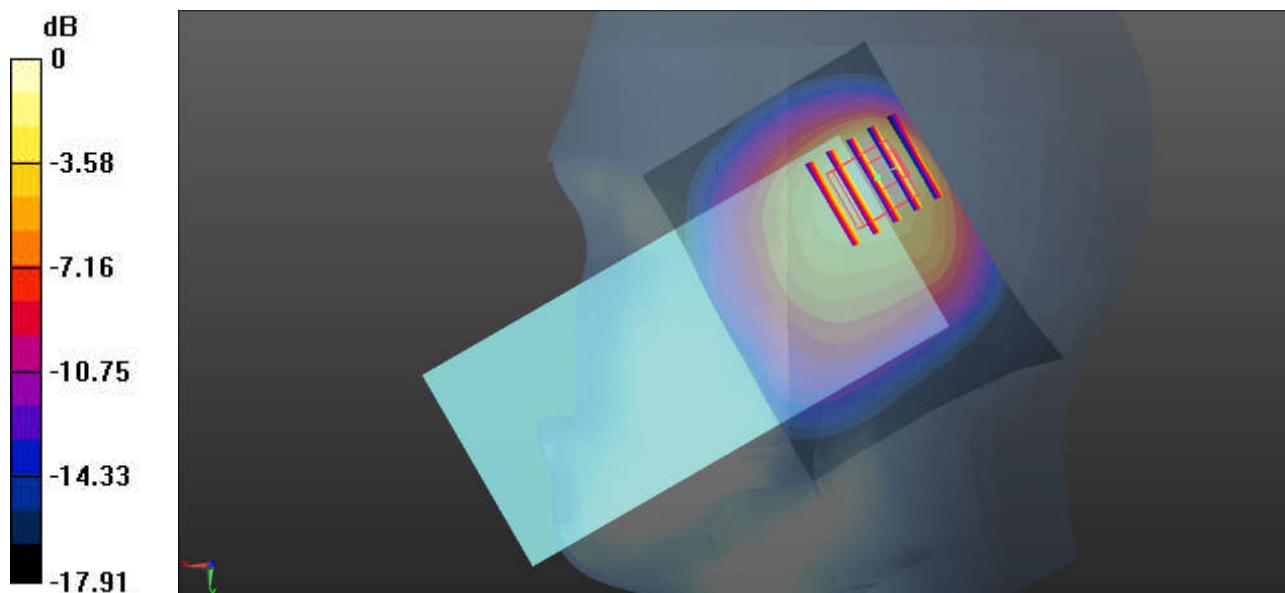
Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 42.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.13 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 28.86 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.06 W/kg  
**SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.523 W/kg**  
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

### 07\_WCDMA IV\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch1413

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.347$  S/m;  $\epsilon_r = 40.962$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.86, 8.86, 8.86); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

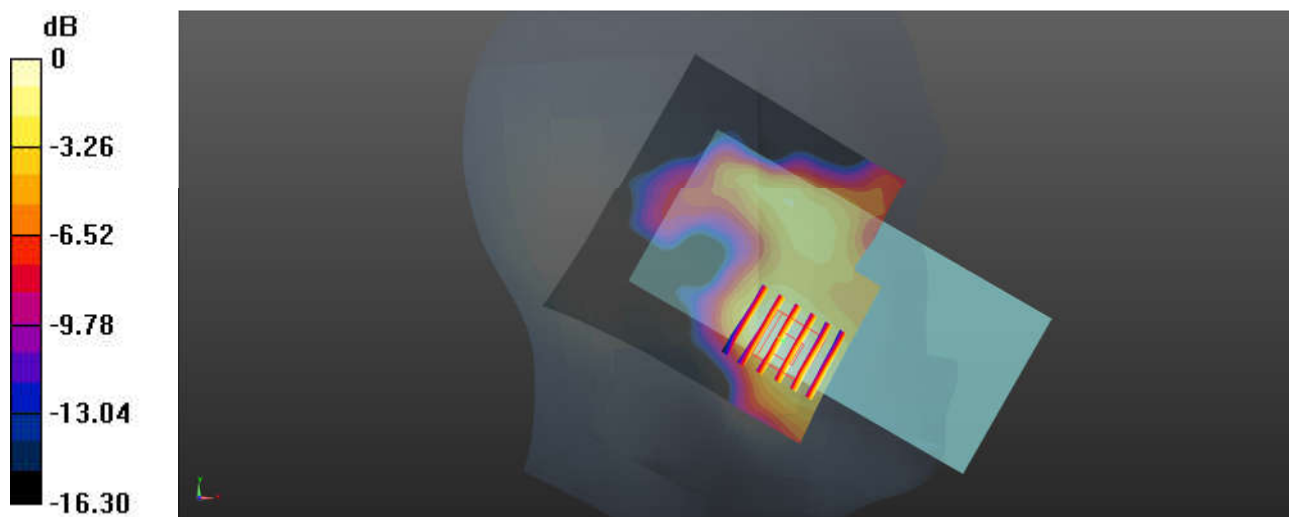
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.00 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.218 W/kg

**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.089 W/kg**

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





**08\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Right Tilted\_0mm\_Ch132072**

Communication System: UID 0, LTE-FDD (0); Frequency: 1720 MHz;Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.338$  S/m;  $\epsilon_r = 40.995$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(8.86, 8.86, 8.86); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

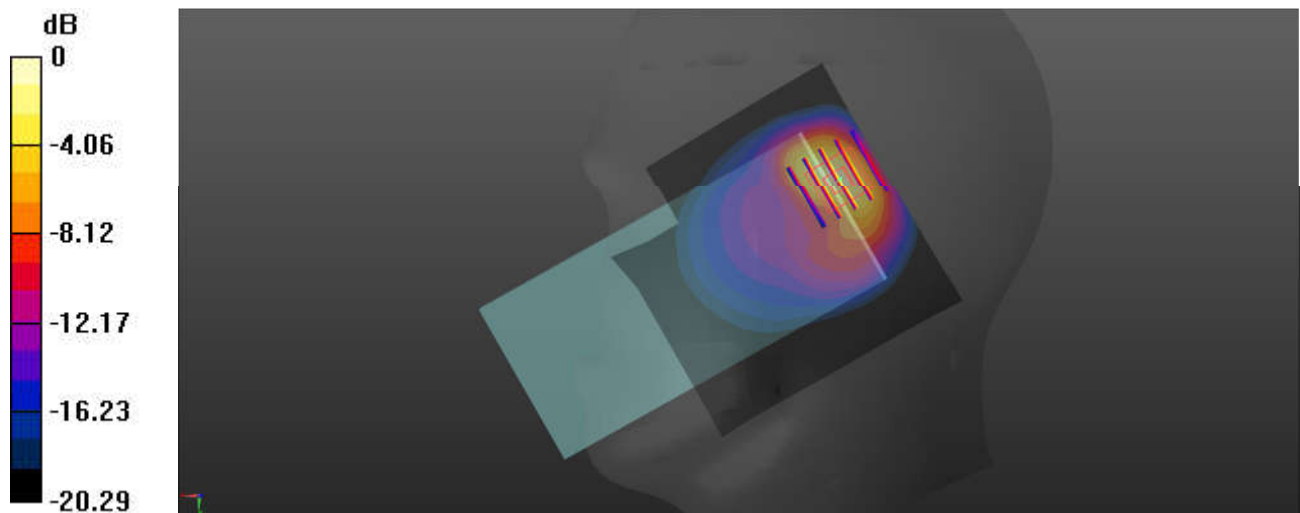
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.94 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.496 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

**09\_FR1 n66\_40M\_QPSK\_1RB\_1Offset\_Right Tilted\_0mm\_Ch349000**

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 40.932$ ;  $\rho = 1000$  kg/m<sup>3</sup>

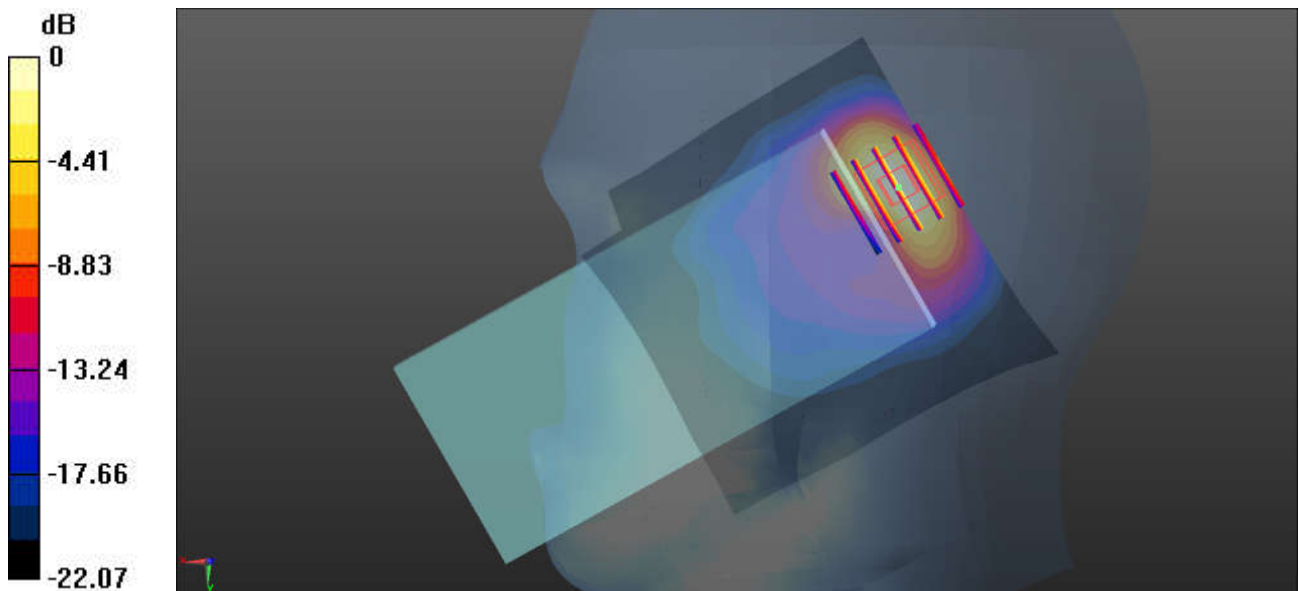
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(8.86, 8.86, 8.86); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.19 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.440 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 2.00 W/kg  
**SAR(1 g) = 0.77 W/kg; SAR(10 g) = 0.371 W/kg**  
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

### 10\_GSM1900\_GPRS (2 Tx slots)\_Left Cheek\_0mm\_Ch661

Communication System: UID 0, PCS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.444$  S/m;  $\epsilon_r = 40.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.56, 8.56, 8.56); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0862 W/kg

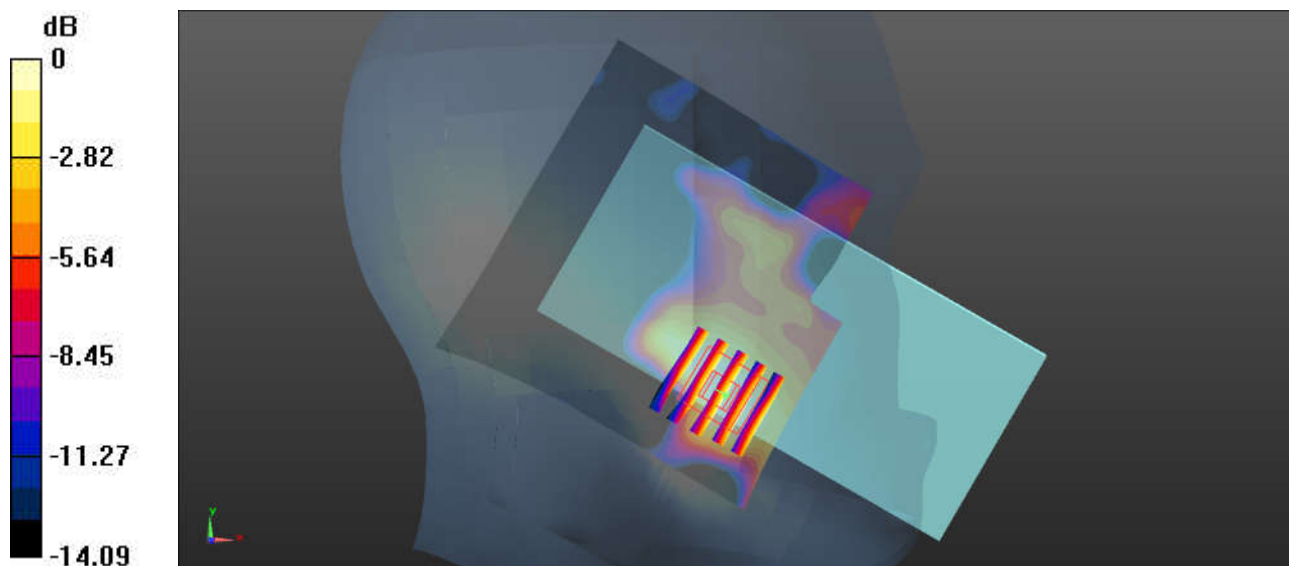
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.687 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0850 W/kg

**SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.0731 W/kg



0 dB = 0.0731 W/kg = -11.36 dBW/kg

### 11\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch9400

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.444$  S/m;  $\epsilon_r = 40.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.56, 8.56, 8.56); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

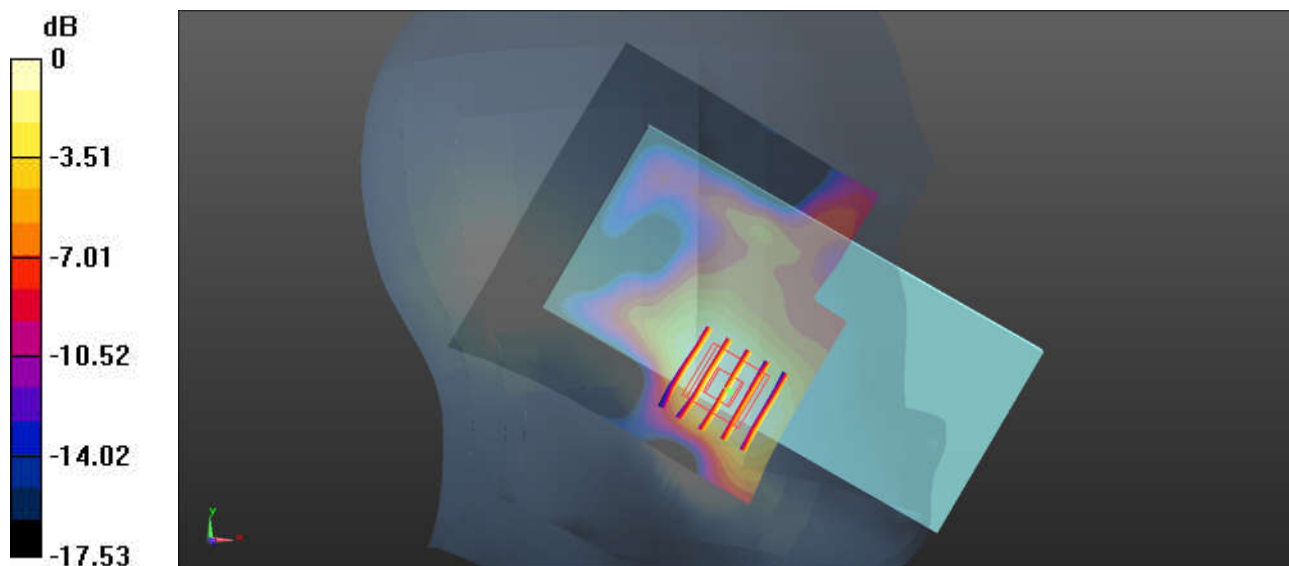
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.55 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.094 W/kg**

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



0 dB = 0.201 W/kg = -6.97 dBW/kg

**12\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Left Cheek\_0mm\_Ch18900**

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

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.443$  S/m;  $\epsilon_r = 40.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(8.56, 8.56, 8.56); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.210 W/kg

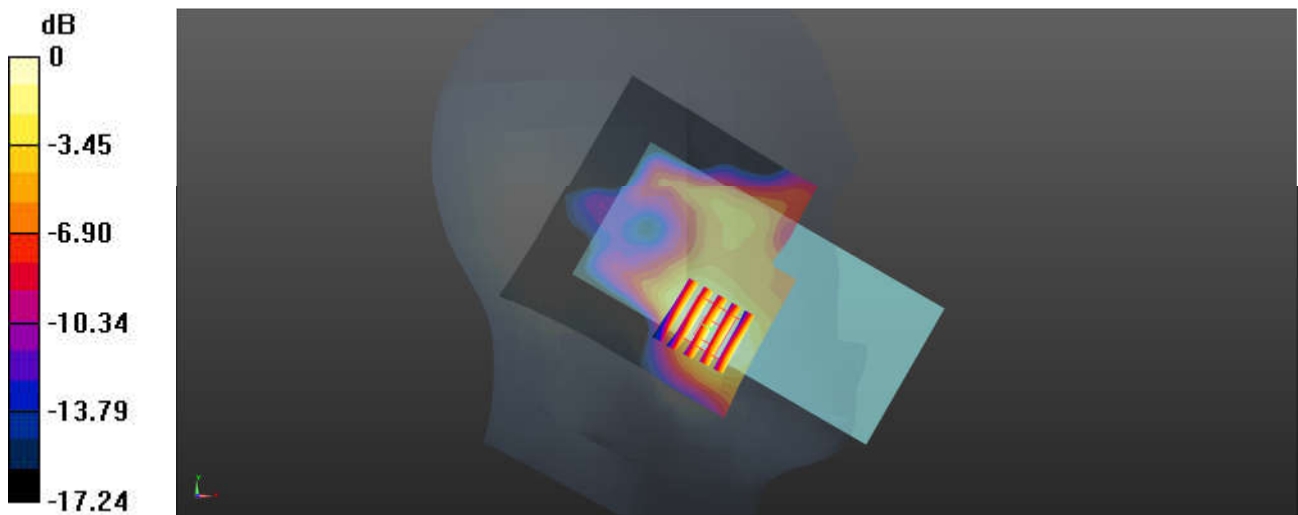
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.74 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.216 W/kg

**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.088 W/kg**

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

### 13\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch21350

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.957$  S/m;  $\epsilon_r = 40.645$ ;  $\rho = 1000$  kg/m<sup>3</sup>

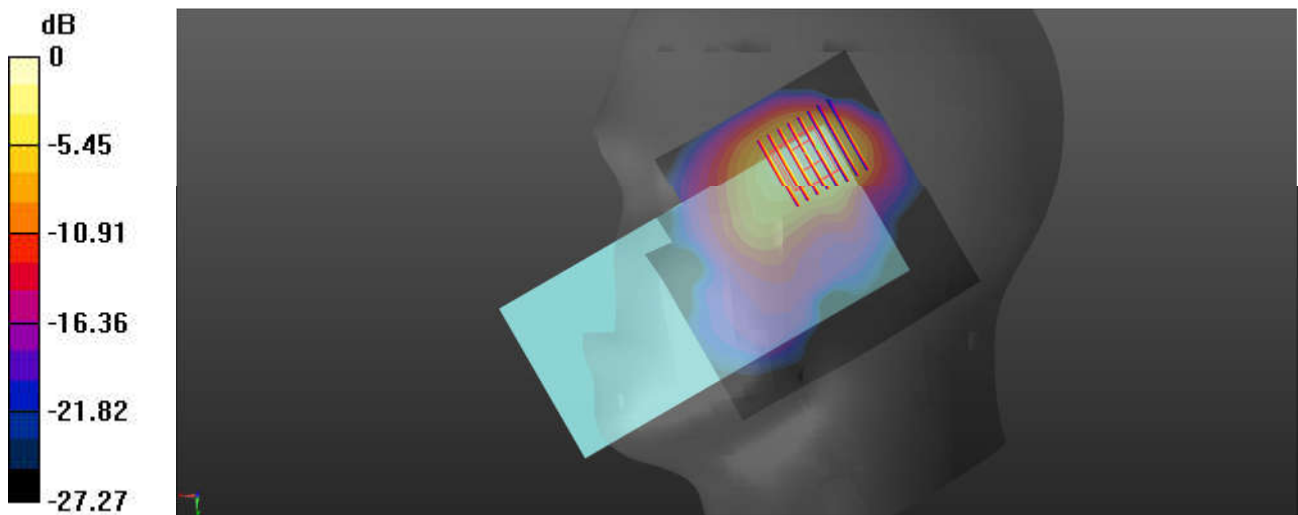
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.67 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 28.63 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 1.85 W/kg  
**SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.451 W/kg**  
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

### 14\_LTE Band 41(HPUE)\_20M\_QPSK\_1RB\_0Offset\_Rightt Cheek\_0mm\_Ch40620

Communication System: UID 0, LTE-HPUE (0); Frequency: 2593 MHz; Duty Cycle: 1:2.33  
Medium: HSL\_2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.976$  S/m;  $\epsilon_r = 40.637$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.196 W/kg

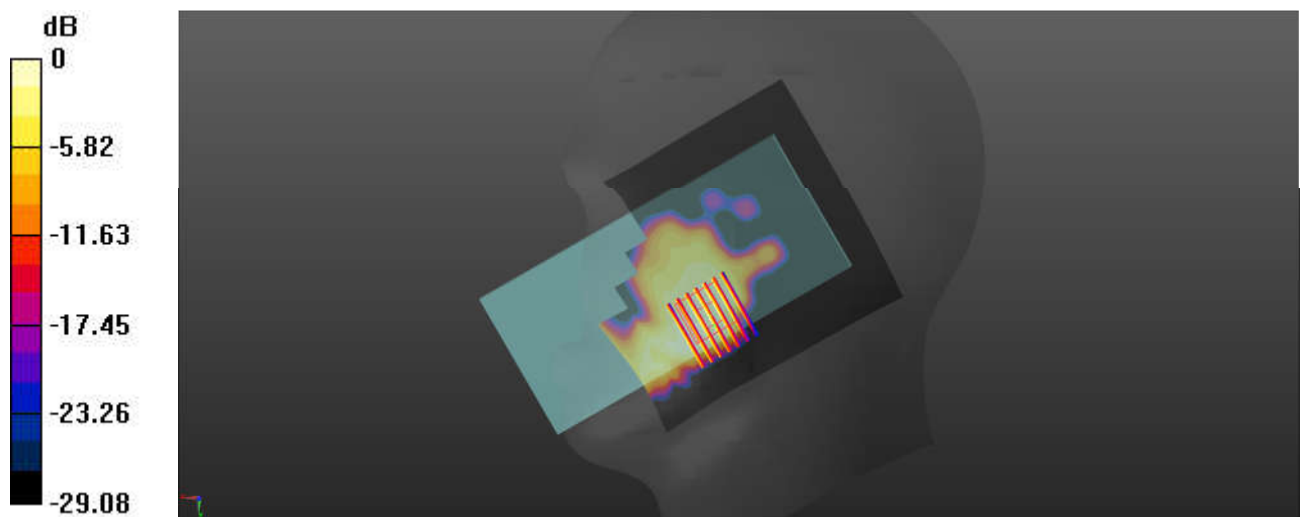
**Zoom Scan (8x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.450 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.076 W/kg**

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



0 dB = 0.146 W/kg = -8.36 dBW/kg

**15\_FR1 n7\_50M\_QPSK\_1RB\_1Offset\_Right Cheek\_0mm\_Ch507000**

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 40.664$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

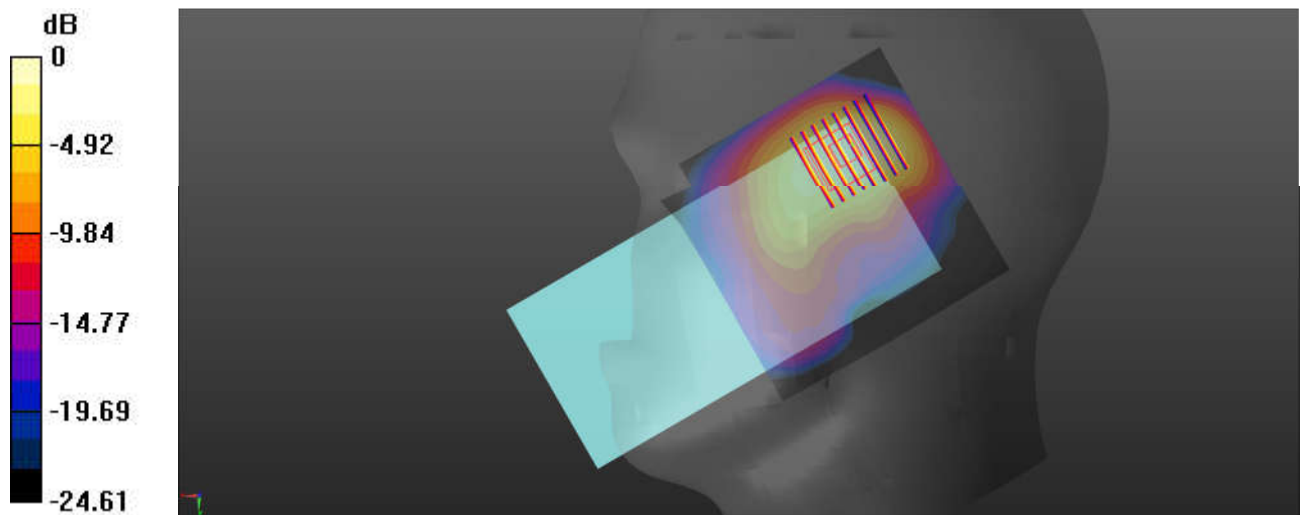
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.68 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.473 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg



### 16\_FR1 n38\_40M\_QPSK\_1RB\_1Offset\_Right Cheek\_0mm\_Ch519000

Communication System: UID 0, 5G NR (0); Frequency: 2595 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.875$  S/m;  $\epsilon_r = 39.179$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

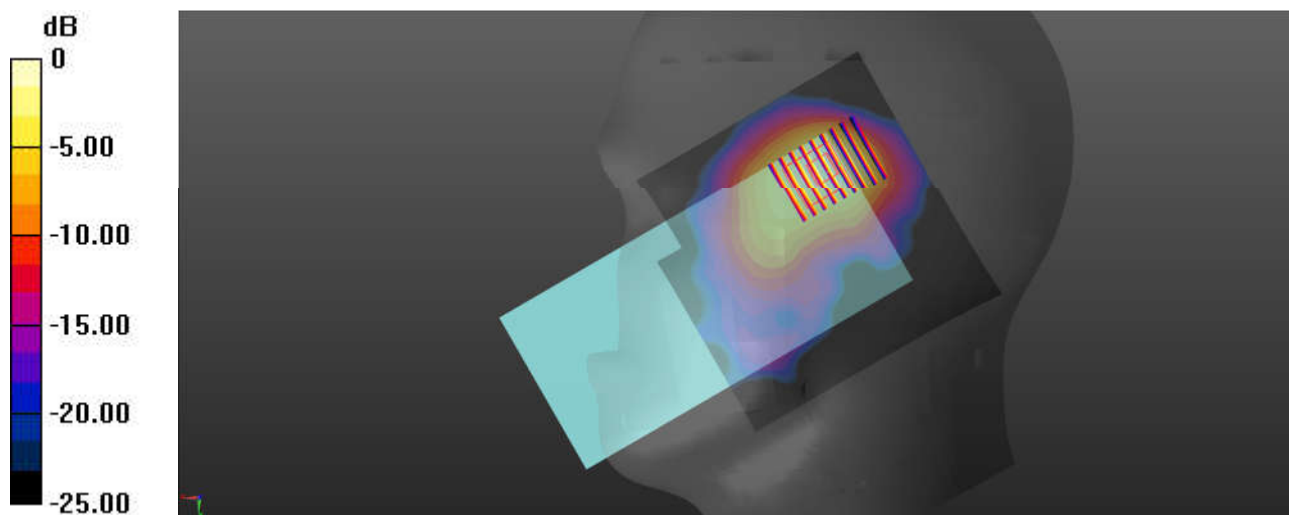
**Zoom Scan (7x9x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.86 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.469 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

### 17\_LTE Band 42\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch42590

Communication System: UID 0, LTE-TDD (0); Frequency: 3500 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_3500 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.796$  S/m;  $\epsilon_r = 38.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>

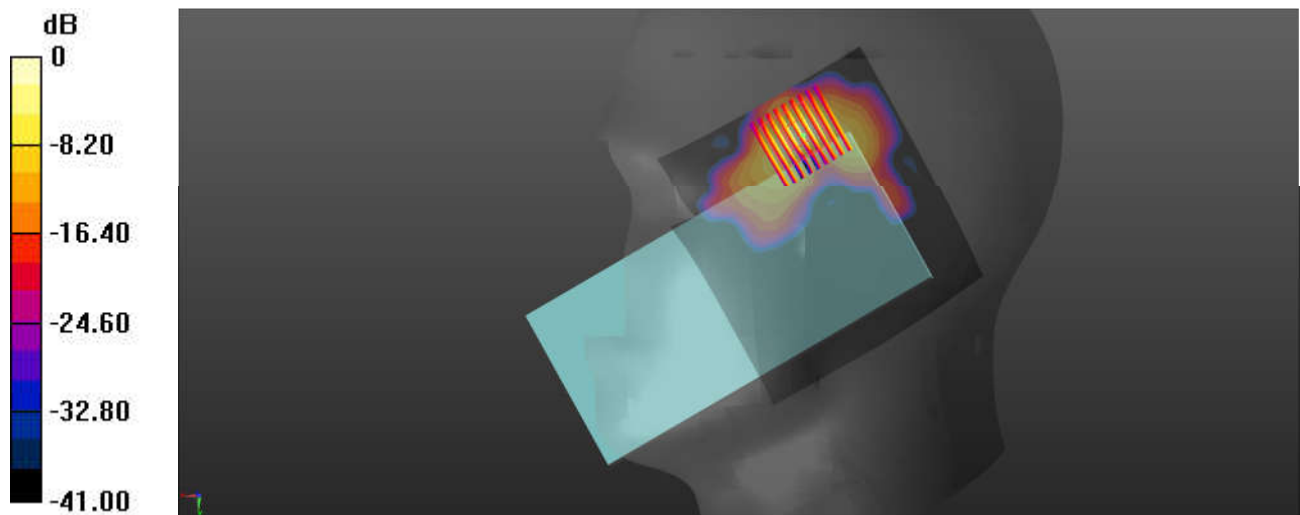
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.19, 7.19, 7.19); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.28 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 23.42 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 3.63 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.290 W/kg**  
Maximum value of SAR (measured) = 2.38 W/kg



0 dB = 2.38 W/kg = 3.77 dBW/kg

**18\_FR1 n77\_100M\_QPSK\_1RB\_1Offset\_Right cheek\_0mm\_Ch656000**

Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1  
Medium: HSL\_3900 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.119$  S/m;  $\epsilon_r = 38.44$ ;  $\rho = 1000$  kg/m<sup>3</sup>

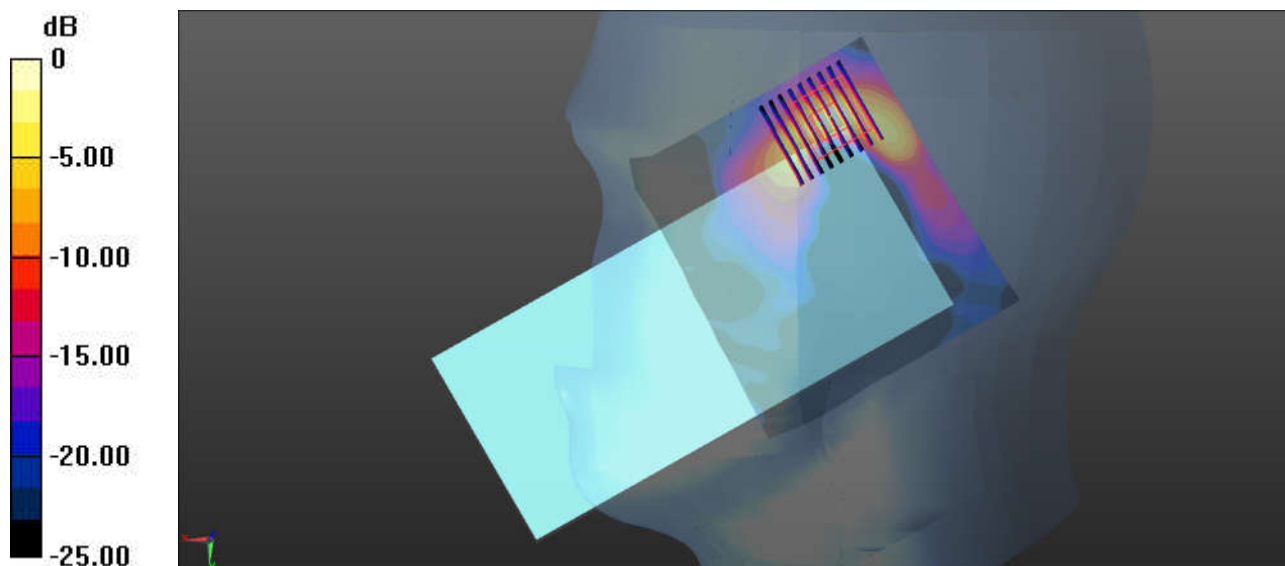
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(6.99, 6.99, 6.99); Calibrated: 2021.4.29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2021.4.26
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.36 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0.6130 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 3.92 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.273 W/kg**  
Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

### 19\_WLAN2.4G\_802.11b 1Mbps\_Left Cheek\_0mm\_Ch6

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.022  
Medium: HSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.863$  S/m;  $\epsilon_r = 40.835$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.14, 8.14, 8.14); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

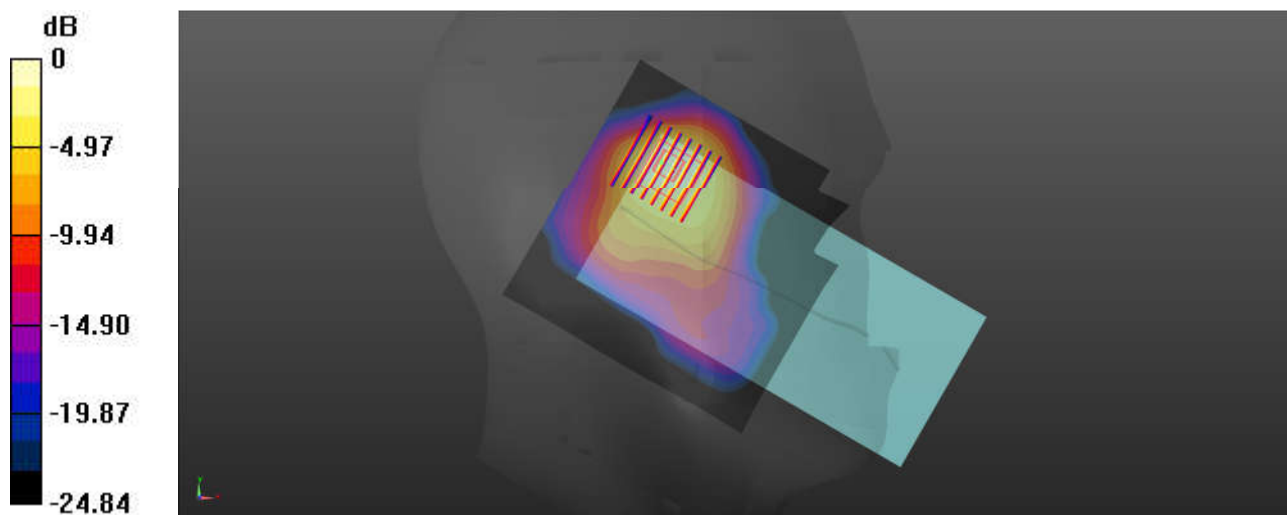
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.61 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.333 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

### 20\_Bluetooth\_1Mbps\_Left Cheek\_0mm\_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.305  
Medium: HSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.893$  S/m;  $\epsilon_r = 40.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

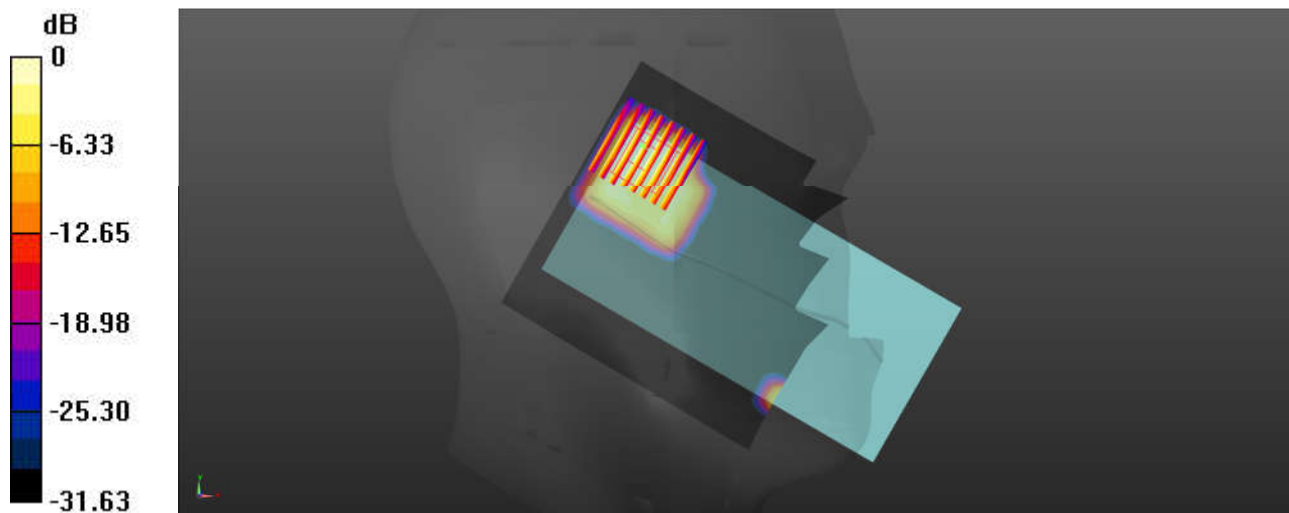
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.14, 8.14, 8.14); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.763 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 13.37 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.421 W/kg  
**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.099 W/kg**  
Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

### 21\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch56

Communication System: UID 0, WLAN5GHz (0); Frequency: 5280 MHz; Duty Cycle: 1:1.007  
Medium: HSL\_5000 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.64$  S/m;  $\epsilon_r = 36.236$ ;  $\rho = 1000$  kg/m<sup>3</sup>

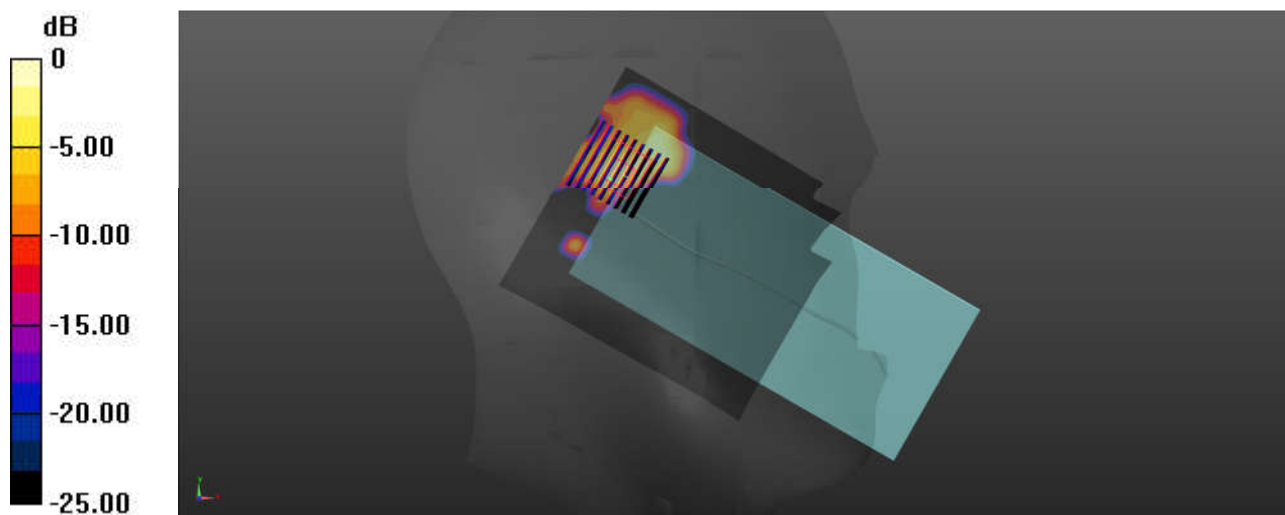
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.55, 5.55, 5.55); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.722 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 5.107 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.889 W/kg  
**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.065 W/kg**  
Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.578 W/kg = -2.38 dBW/kg

### 22\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch140

Communication System: UID 0, WLAN5GHz (0); Frequency: 5700 MHz; Duty Cycle: 1:1.007  
Medium: HSL\_5000 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.095$  S/m;  $\epsilon_r = 35.552$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.07, 5.07, 5.07); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.537 W/kg

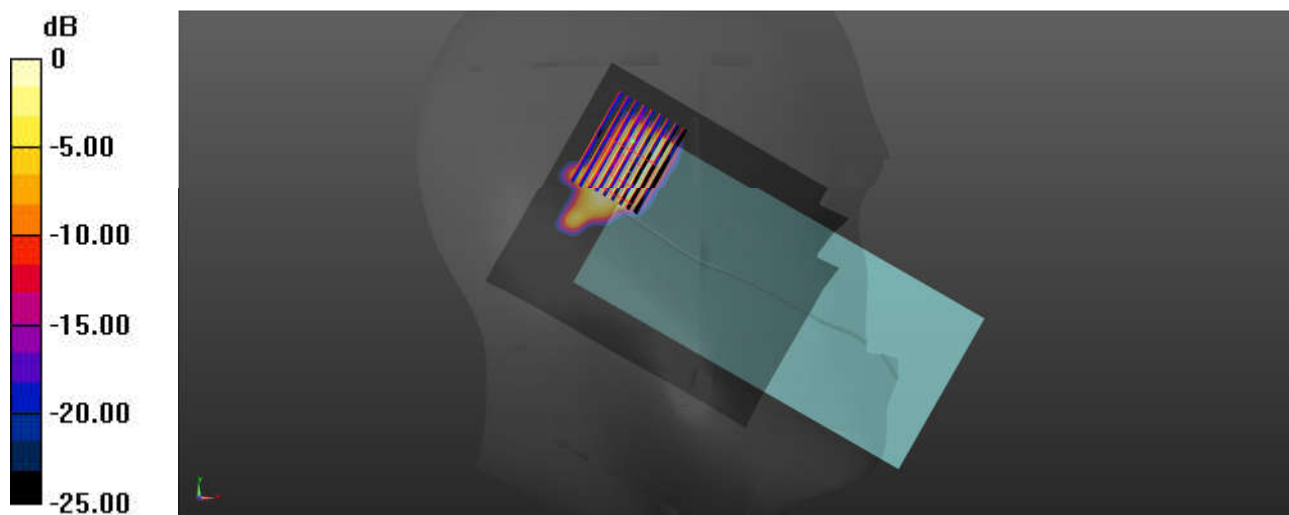
**Zoom Scan (12x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.305 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.572 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.051 W/kg**

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

### 23\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch157

Communication System: UID 0, WLAN5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1.007  
Medium: HSL\_5000 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.185$  S/m;  $\epsilon_r = 35.452$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.07, 5.07, 5.07); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x131x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.724 W/kg

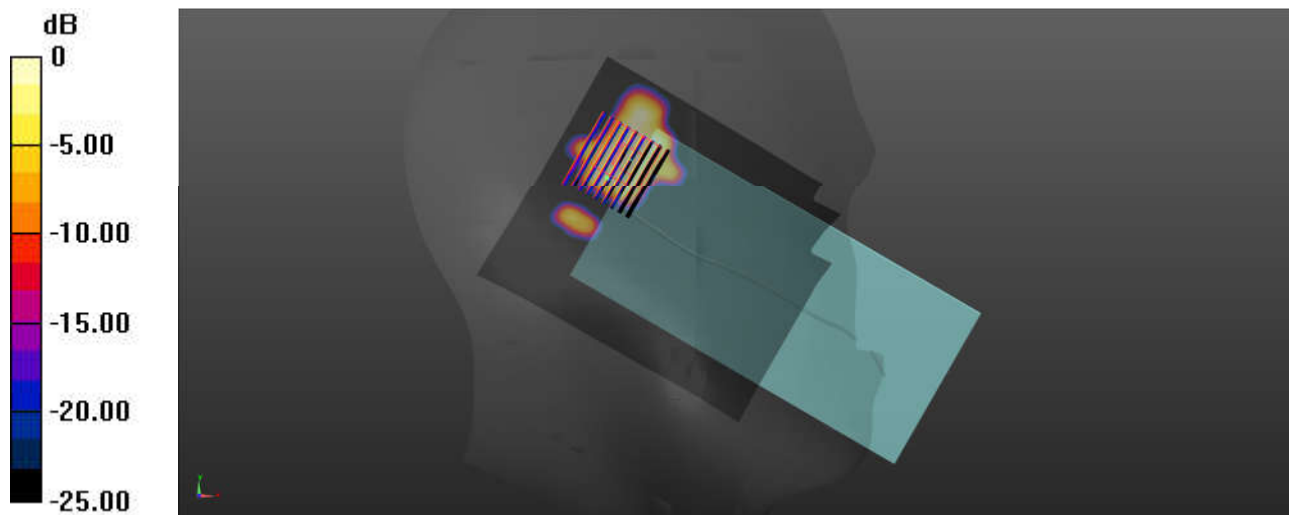
**Zoom Scan (10x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.531 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.694 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.055 W/kg**

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



0 dB = 0.413 W/kg = -3.84 dBW/kg



**24\_WLAN6GHz\_802.11ac-VHT60 MCS0\_Right Tilted\_Ch15**

Communication System: Custom Band; Frequency: 6025.0

Medium: HSL. Medium parameters used:  $f=6025.0$  MHz;  $\sigma=5.47$  S/m;  $\epsilon_r=35.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(5.7, 5.7, 5.7); Calibrated: 2021-04-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1650; Calibrated: 2021-06-09
- Phantom: Twin-SAM1V8.0 (30deg probe tilt); Serial: 1697; Section: RightHead
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 10755-AAC
- MAIA: Area Scan: N/A; Zoom Scan: N/A

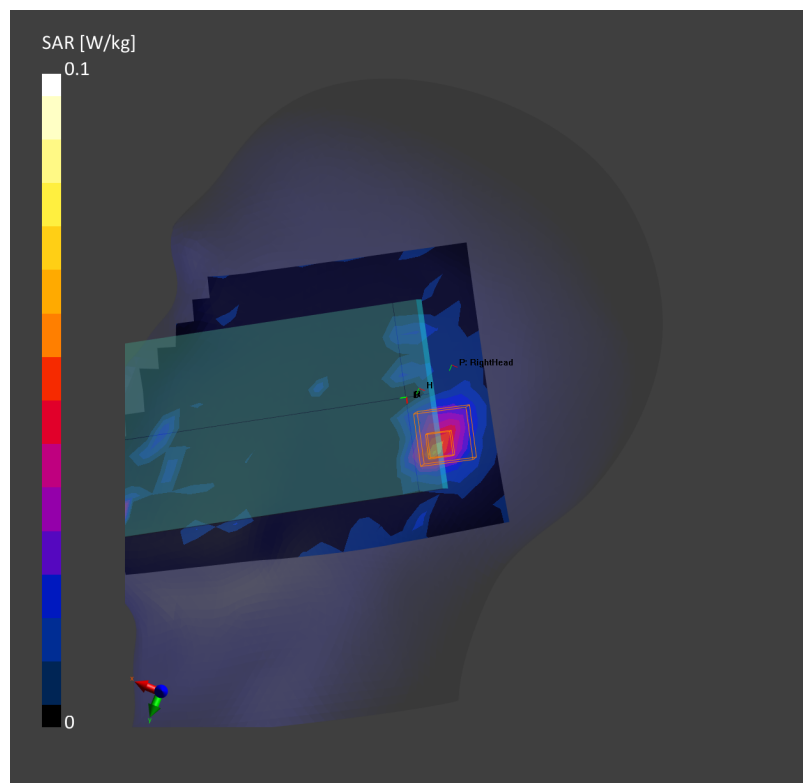
**Area Scan (119.0 mm x 204.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.042 W/kg; SAR (10g) = 0.057 W/kg;

**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.08 dB

SAR (1g) = 0.045 W/kg; SAR (10g) = 0.016 W/kg;



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

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 42.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.38, 10.38, 10.38); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

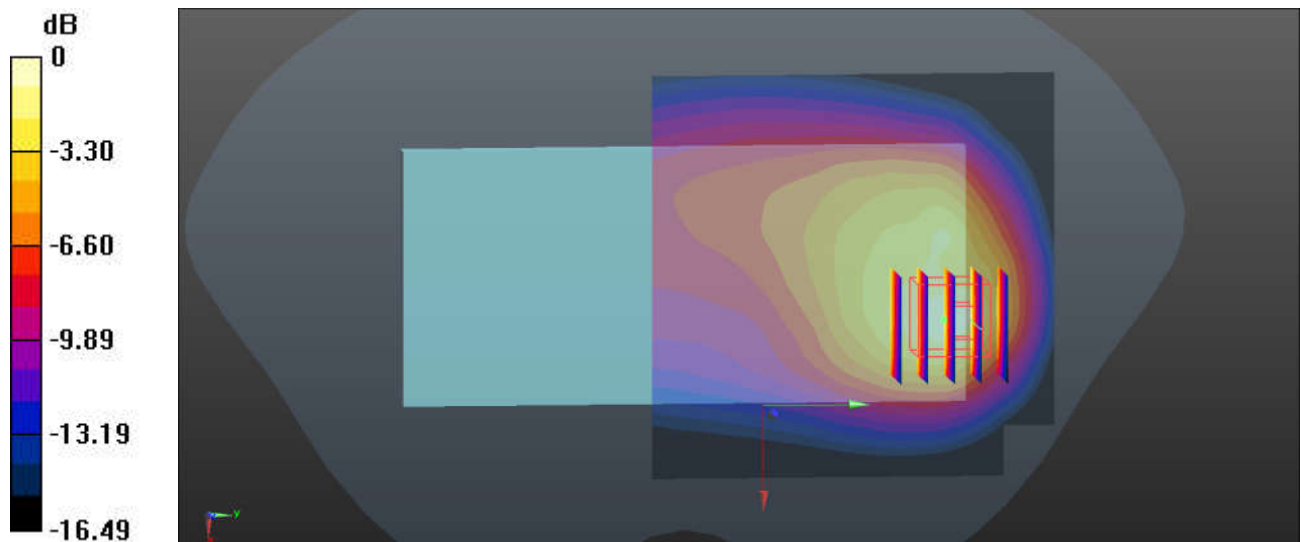
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.19 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.366 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

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

Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.918 \text{ S/m}$ ;  $\epsilon_r = 42.722$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.38, 10.38, 10.38); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

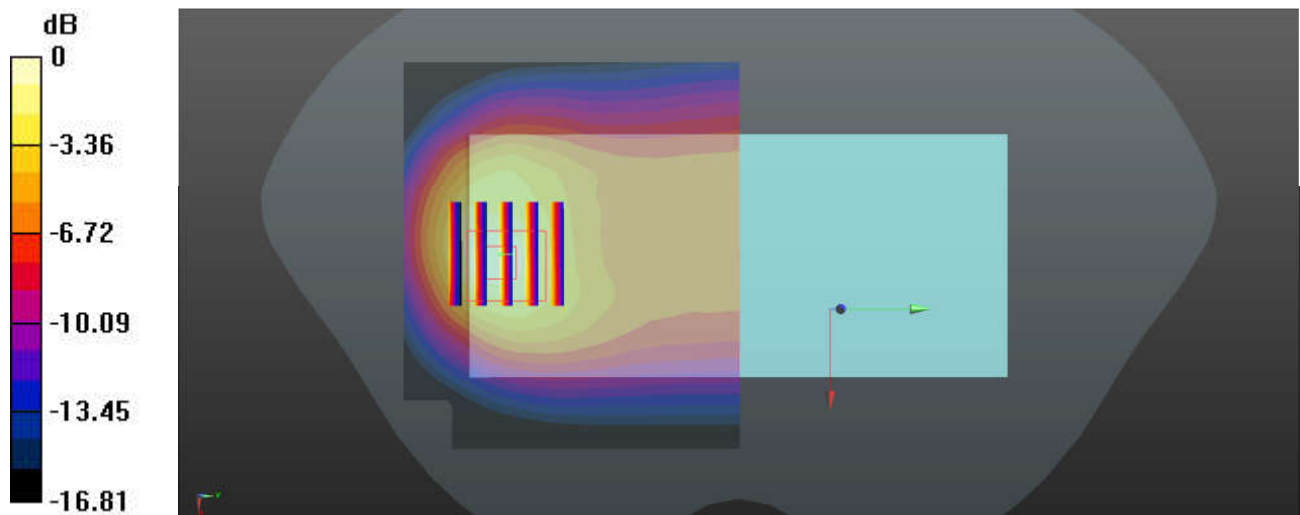
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.33 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.329 W/kg**

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



### 27\_GSM850\_GPRS (2 Tx slots)\_Back\_5mm\_Ch189

Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 42.521$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

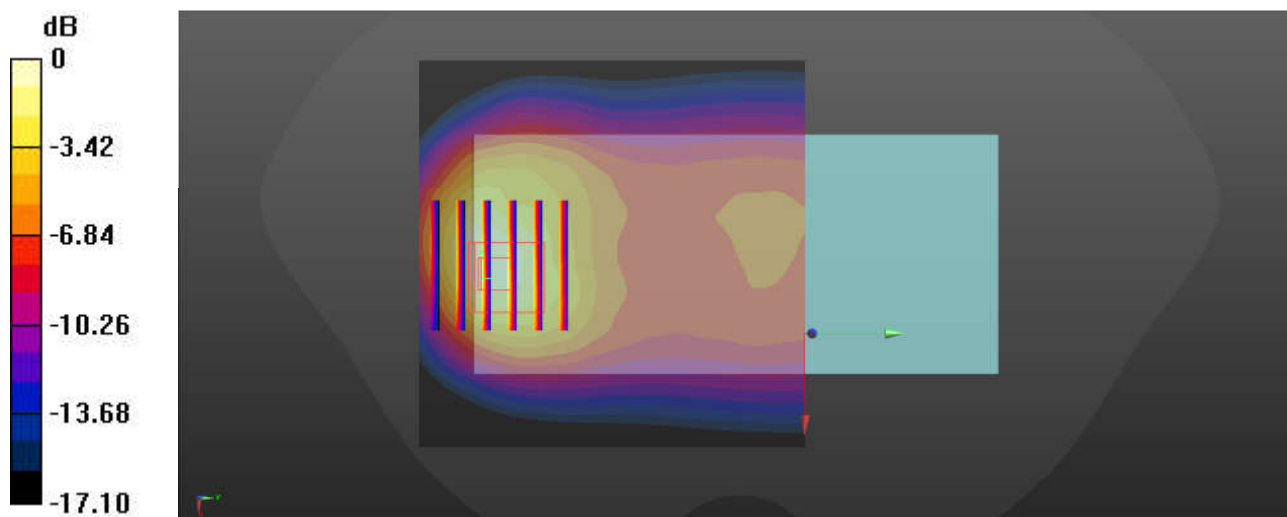
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.843 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.383 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

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

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 42.521$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

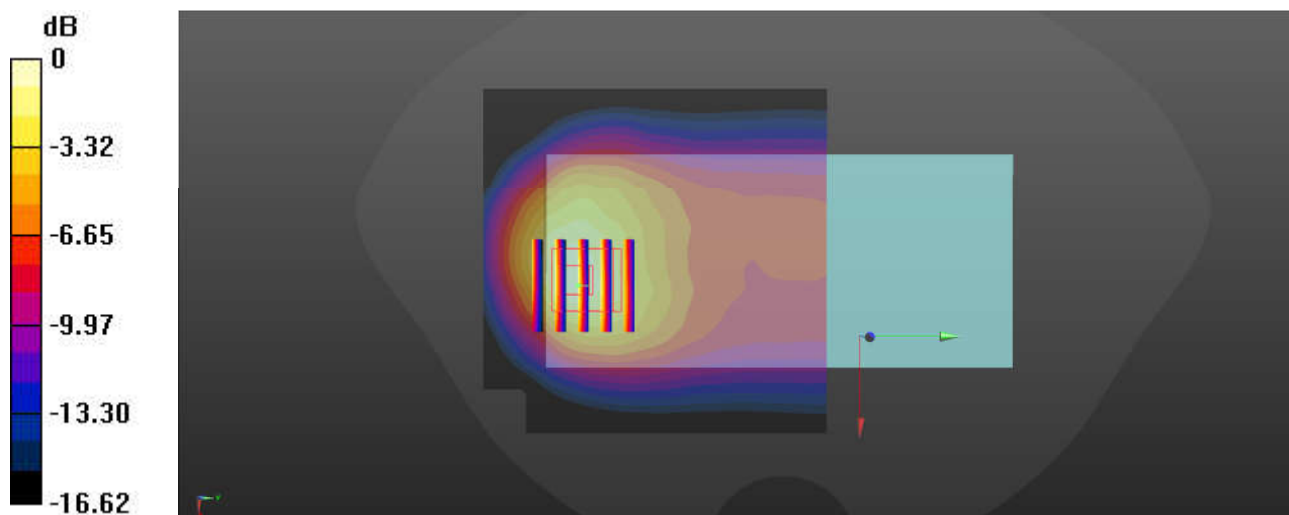
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.33 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.451 W/kg**

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



0 dB = 1.28 W/kg = 1.07 dBW/kg

### 29\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch26865

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 42.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

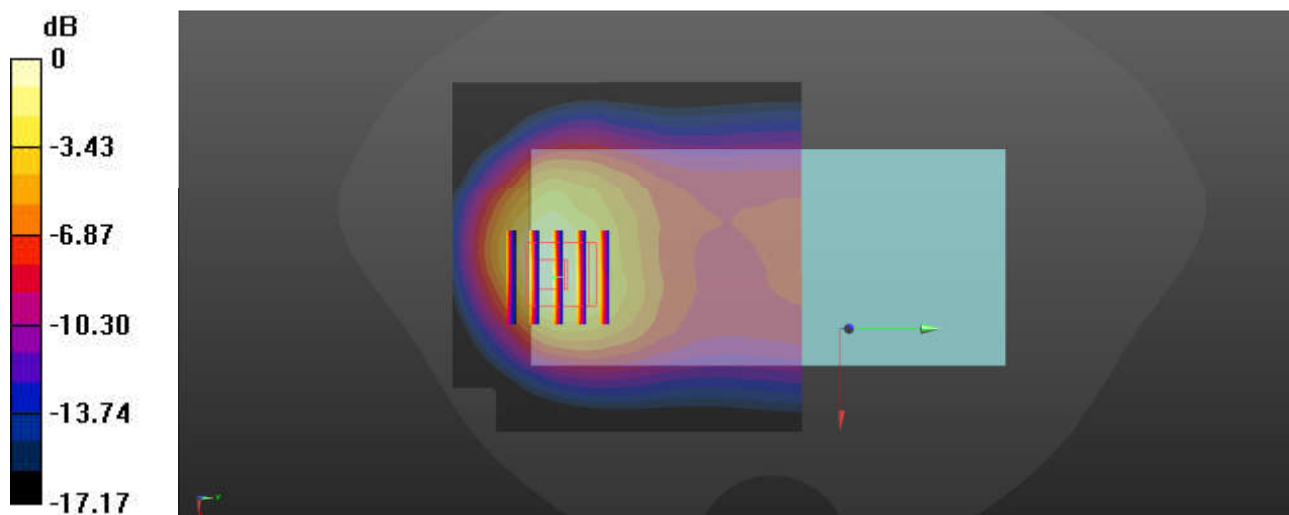
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.82 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.402 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

### 30\_FR1 n5\_20M\_QPSK\_1RB\_1Offset\_Back\_5mm\_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 42.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(10.24, 10.24, 10.24); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

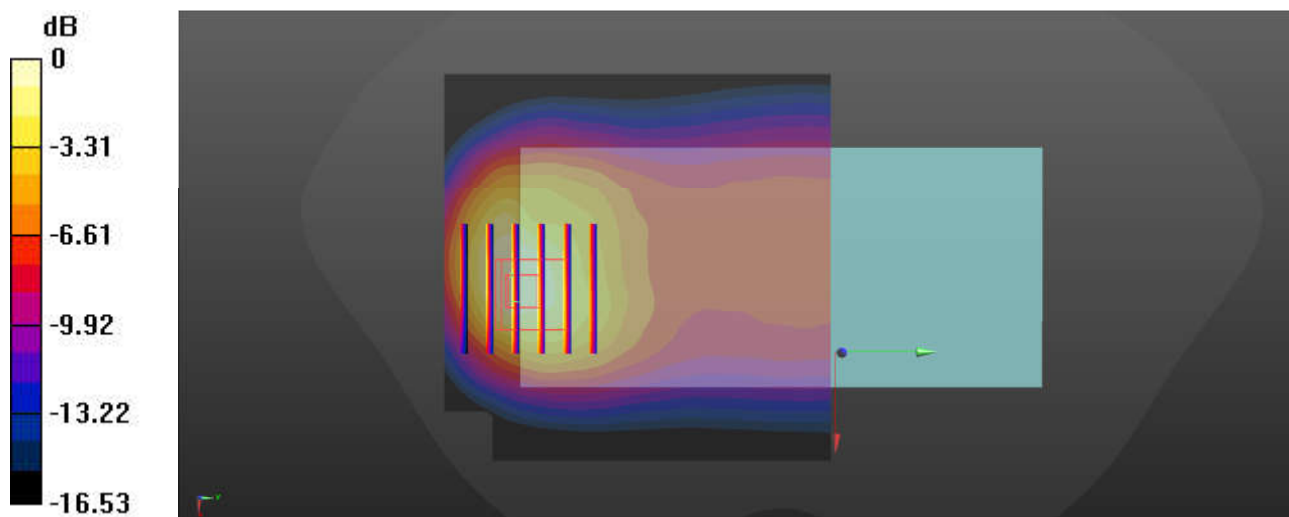
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.22 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.429 W/kg**

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

### 31\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 40.943$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.86, 8.86, 8.86); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

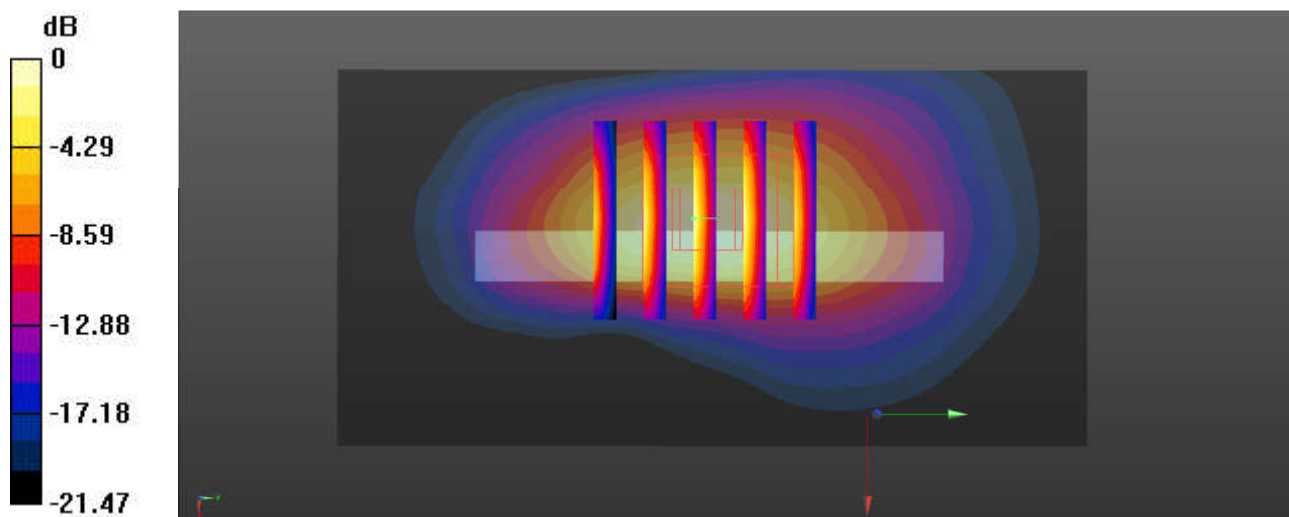
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.021 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.376 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg



**32\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch132572**

Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1750 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.372$  S/m;  $\epsilon_r = 40.927$ ;  $\rho = 1000$  kg/m<sup>3</sup>

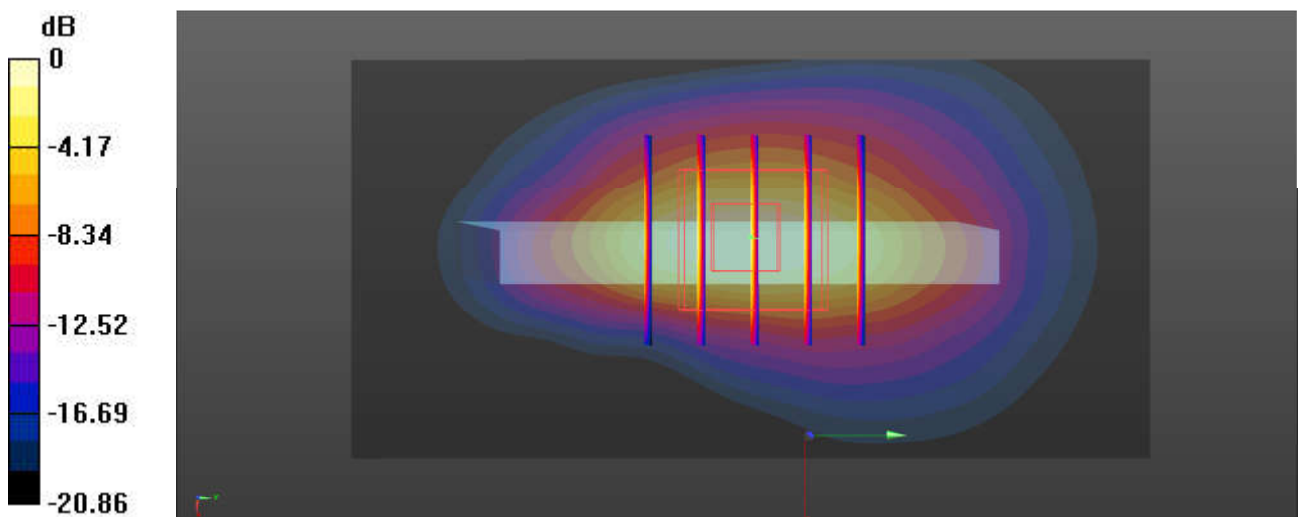
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(8.86, 8.86, 8.86); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.09 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 1.135 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 1.27 W/kg  
**SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.299 W/kg**  
 Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

### 33\_FR1 n66\_40M\_QPSK\_1RB\_1Offset\_Bottom Side\_5mm\_Ch346000

Communication System: UID 0, 5G NR (0); Frequency: 1730 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1730$  MHz;  $\sigma = 1.346$  S/m;  $\epsilon_r = 40.965$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.86, 8.86, 8.86); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

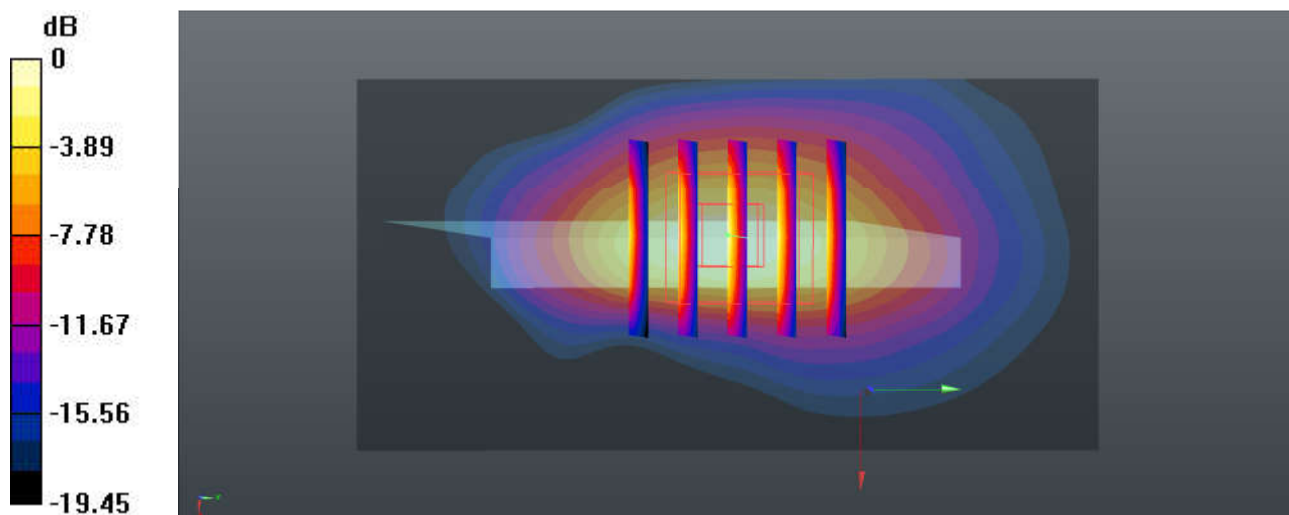
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.27 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.386 W/kg**

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

**34\_GSM1900\_GPRS (4 Tx slots)\_Bottom Side\_5mm\_Ch661**

Communication System: UID 0, PCS (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.443$  S/m;  $\epsilon_r = 40.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7630; ConvF(8.56, 8.56, 8.56); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

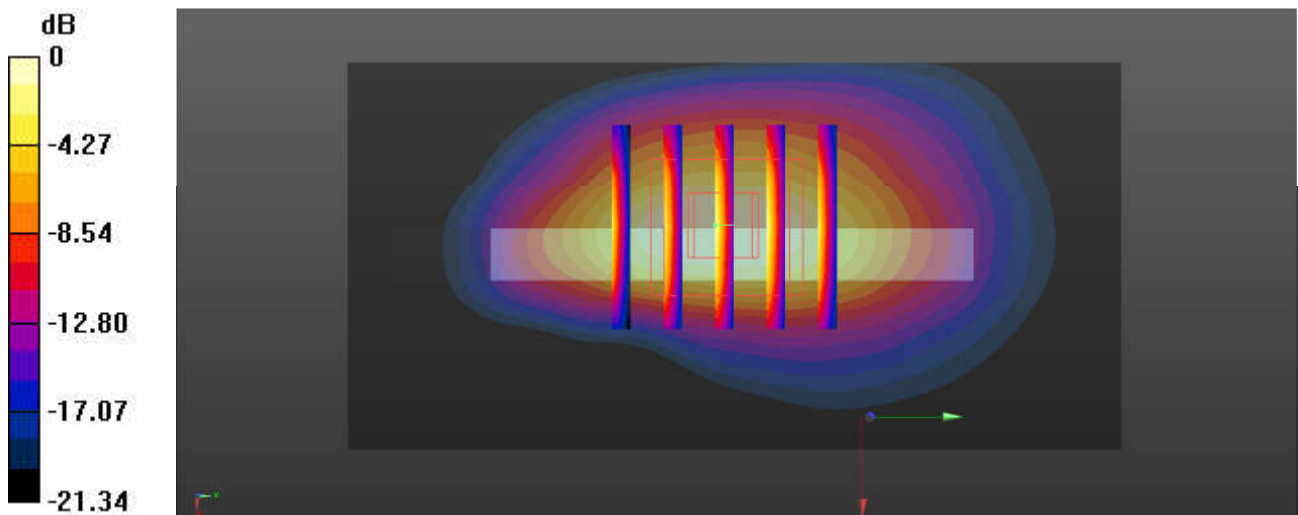
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.27 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.326 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

### 35\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch9400

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.443$  S/m;  $\epsilon_r = 40.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.56, 8.56, 8.56); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

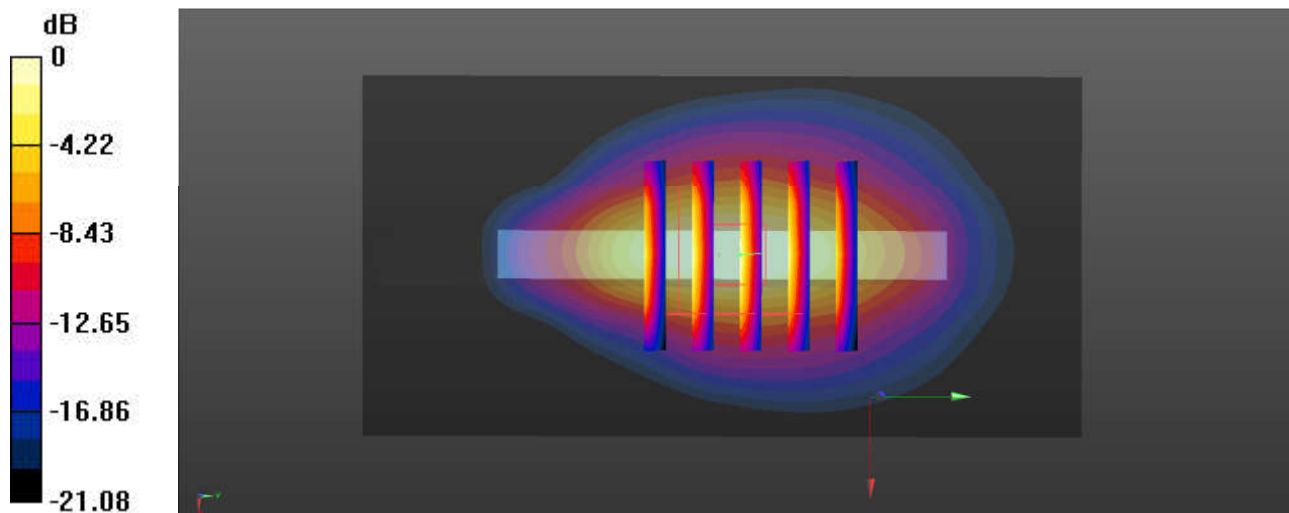
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.23 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.367 W/kg**

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

### 36\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch18700

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.43$  S/m;  $\epsilon_r = 40.724$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.56, 8.56, 8.56); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

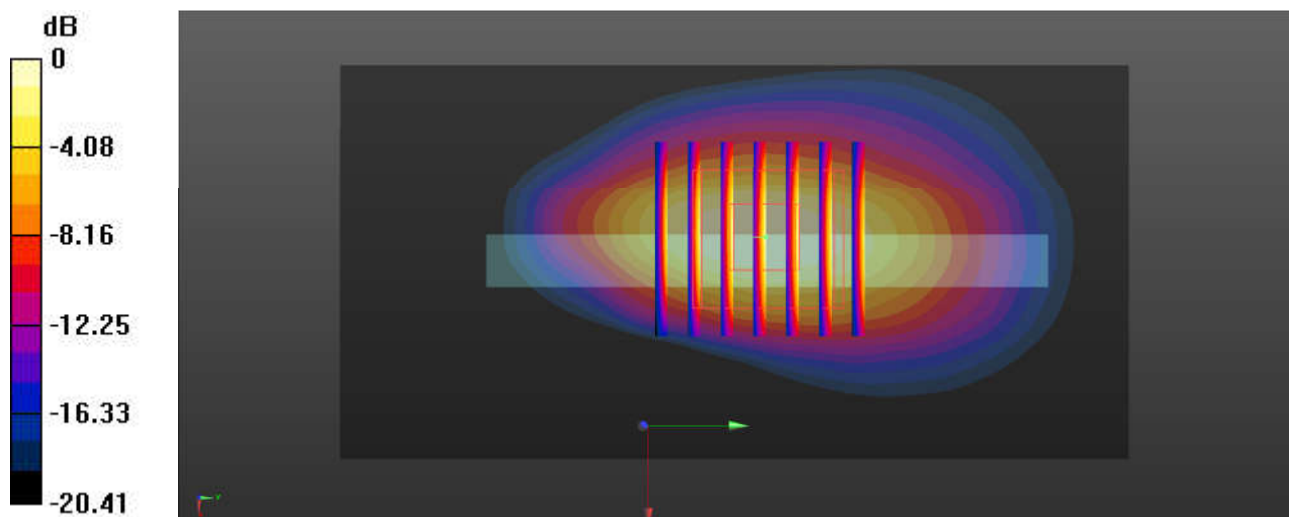
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.54 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.341 W/kg**

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

### 37\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch21350

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.903$  S/m;  $\epsilon_r = 39.066$ ;  $\rho = 1000$  kg/m<sup>3</sup>

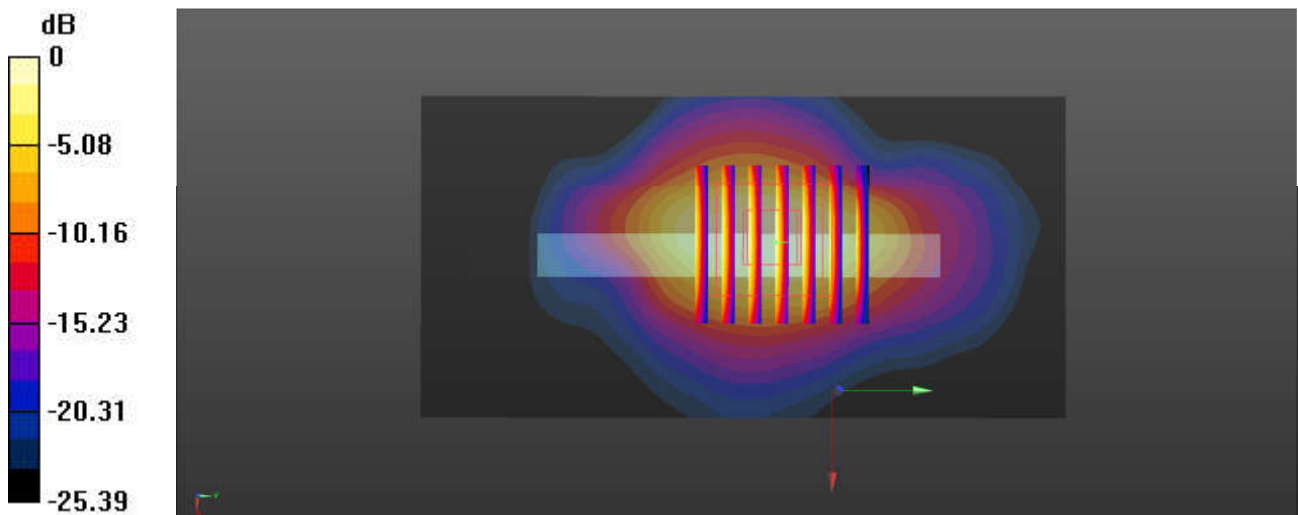
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.25 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 23.94 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.41 W/kg  
**SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.295 W/kg**  
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

### 38\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch40620

Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 39.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

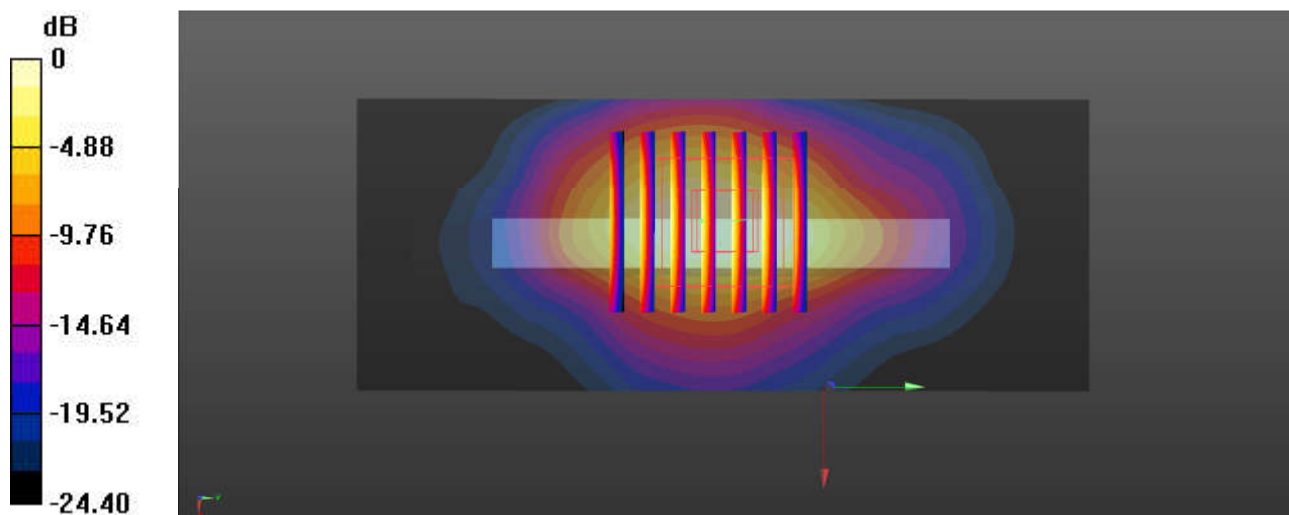
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

### 39\_FR1 n7\_50M\_QPSK\_1RB\_1Offset\_Bottom Side\_5mm\_Ch507000

Communication System: UID 0, 5G NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.87$  S/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

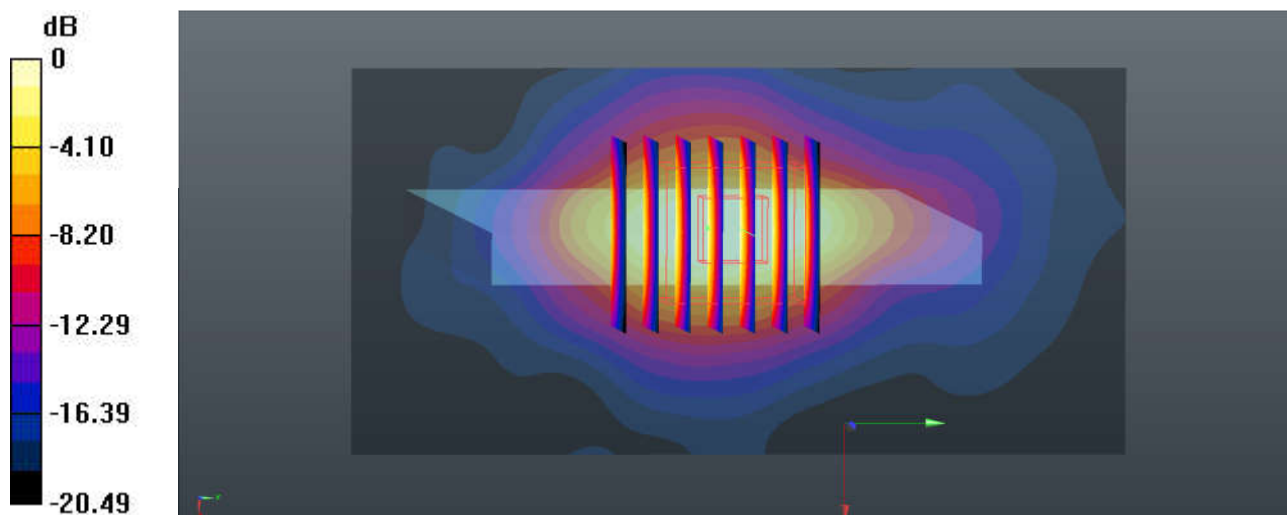
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.63 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.315 W/kg**

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



0 dB = 1.17 W/kg = 0.68 dBW/kg



### 40\_FR1 n38\_40M\_QPSK\_1RB\_1Offset\_Top Side\_5mm\_Ch519000

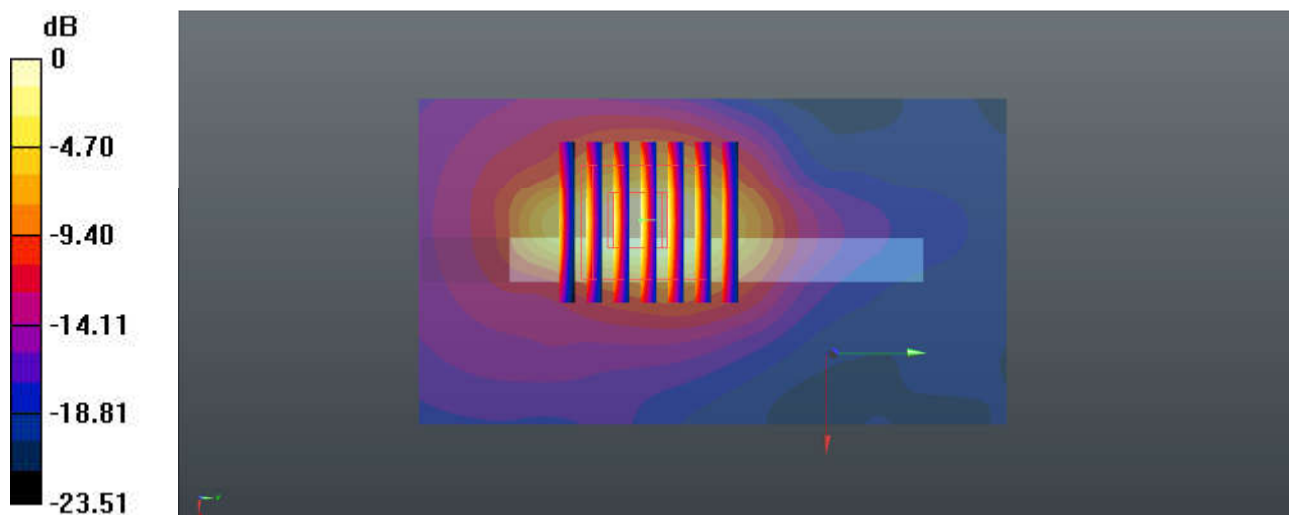
Communication System: UID 0, 5G NR (0); Frequency: 2595 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.927$  S/m;  $\epsilon_r = 39.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.85, 7.85, 7.85); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.41 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 24.99 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 1.76 W/kg  
**SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.291 W/kg**  
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

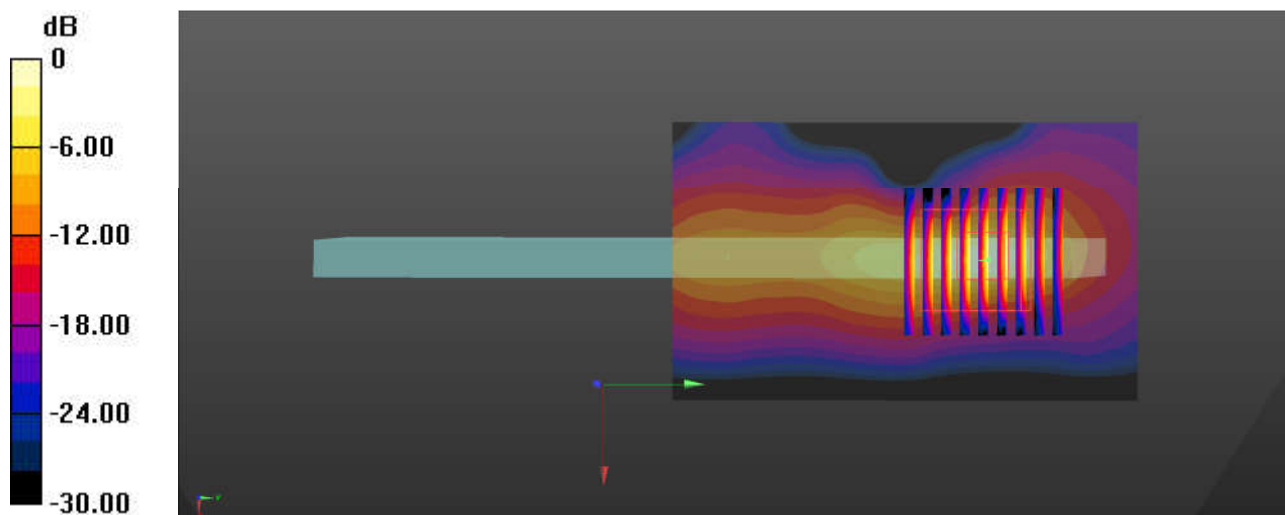
### 41\_LTE Band 42\_20M\_QPSK\_1RB\_0Offset\_Left Side\_5mm\_Ch42590

Communication System: UID 0, LTE-TDD (0); Frequency: 3500 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_3500 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.808$  S/m;  $\epsilon_r = 39.002$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

- DASY5 Configuration:
- Probe: EX3DV4 - SN7630; ConvF(7.19, 7.19, 7.19); Calibrated: 2021.2.10
  - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn690; Calibrated: 2021.3.17
  - Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
  - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.79 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 9.663 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.54 W/kg  
**SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.248 W/kg**  
Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.83 W/kg = 2.62 dBW/kg

### 42\_FR1 n77\_100M\_QPSK\_135RB\_69Offset\_Left Side\_5mm\_Ch633334

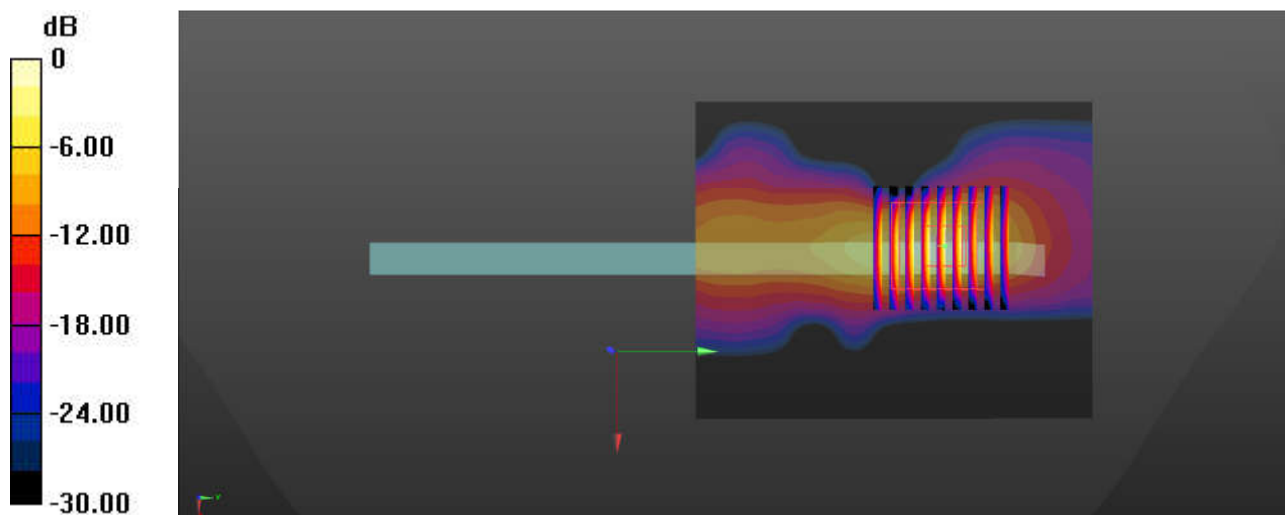
Communication System: UID 0, 5G NR (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1  
Medium: HSL\_3500 Medium parameters used:  $f = 3500.01$  MHz;  $\sigma = 2.808$  S/m;  $\epsilon_r = 39.002$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.19, 7.19, 7.19); Calibrated: 2021.2.10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn690; Calibrated: 2021.3.17
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-2022
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.51 W/kg

**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 8.518 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 2.18 W/kg  
**SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.231 W/kg**  
Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg