



REPORT No.: SZ2008 F1 HS01

## Annex D Plots of Maximum SAR Test Results

## WCDMA Band II\_RMC 12.2Kbps\_Right Cheek\_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 2000 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9400/Area Scan (9x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.902 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.573 V/m; Power Drift = 0.08 dB

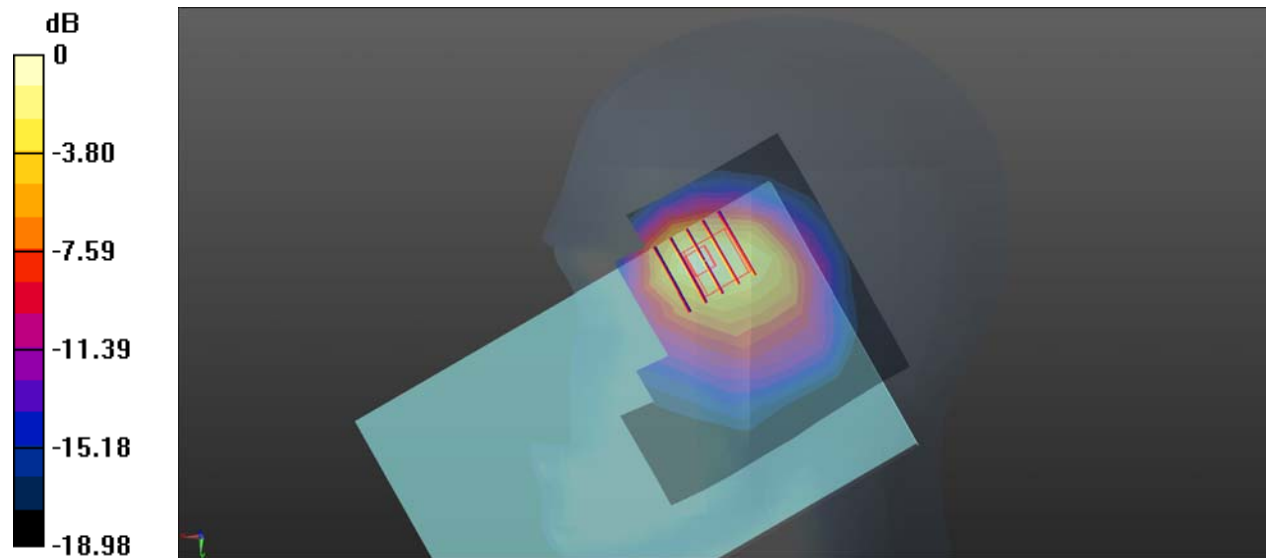
Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.329 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg

### WCDMA Band IV\_RMC 12.2Kbps\_Right Cheek\_Ch1413

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.412$  S/m;  $\epsilon_r = 39.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1800 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

#### Ch1413/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.909 W/kg

#### Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.670 V/m; Power Drift = 0.10 dB

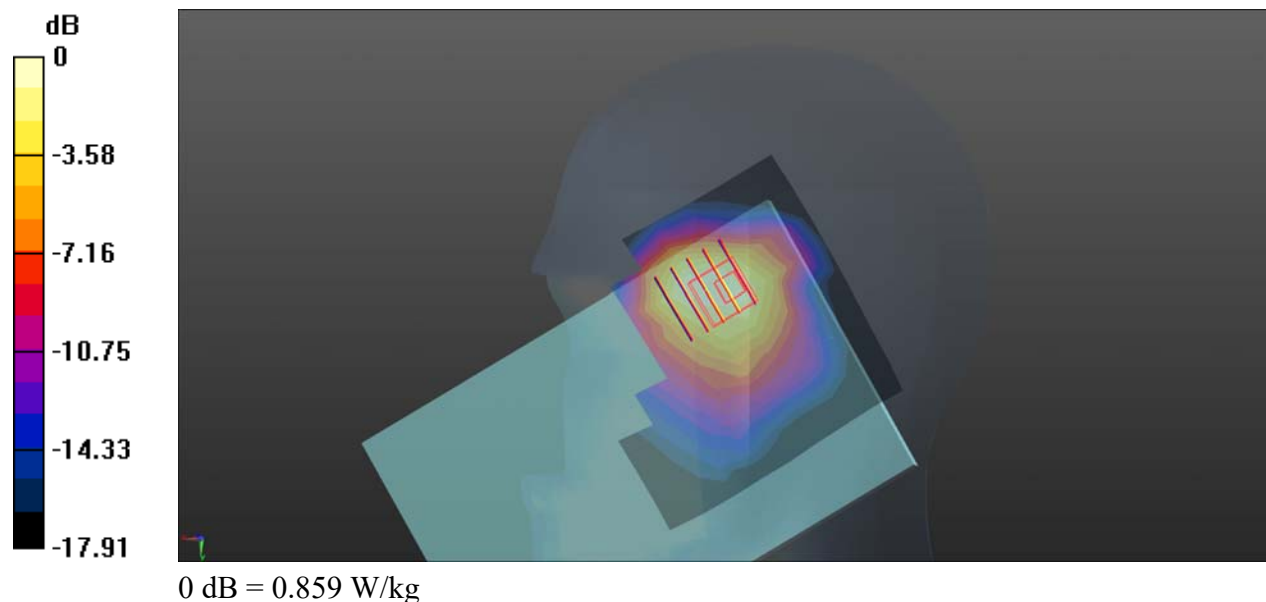
Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.425 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 0.859 W/kg



## LTE Band 2\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch18900

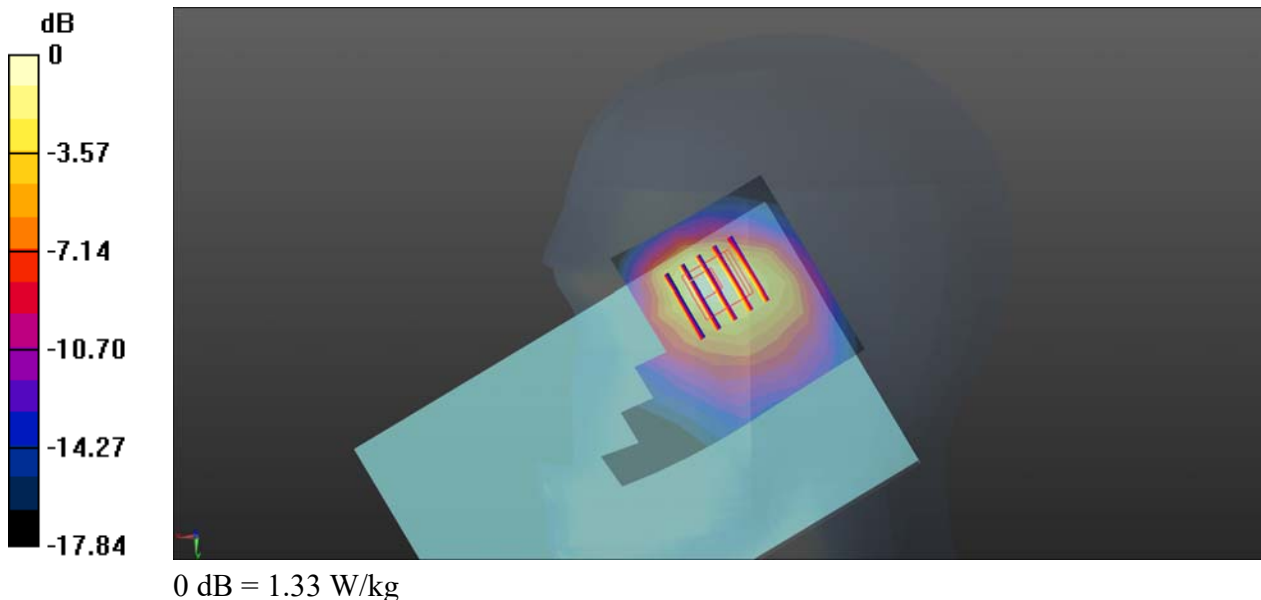
Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1880 MHz; Calibrated: 2021.01.22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch18900/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.44 W/kg

**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.599 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 1.88 W/kg  
**SAR(1 g) = 1.030 W/kg; SAR(10 g) = 0.530 W/kg**  
Smallest distance from peaks to all points 3 dB below = 10.8 mm  
Ratio of SAR at M2 to SAR at M1 = 49.5%  
Maximum value of SAR (measured) = 1.33 W/kg



## LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch23130

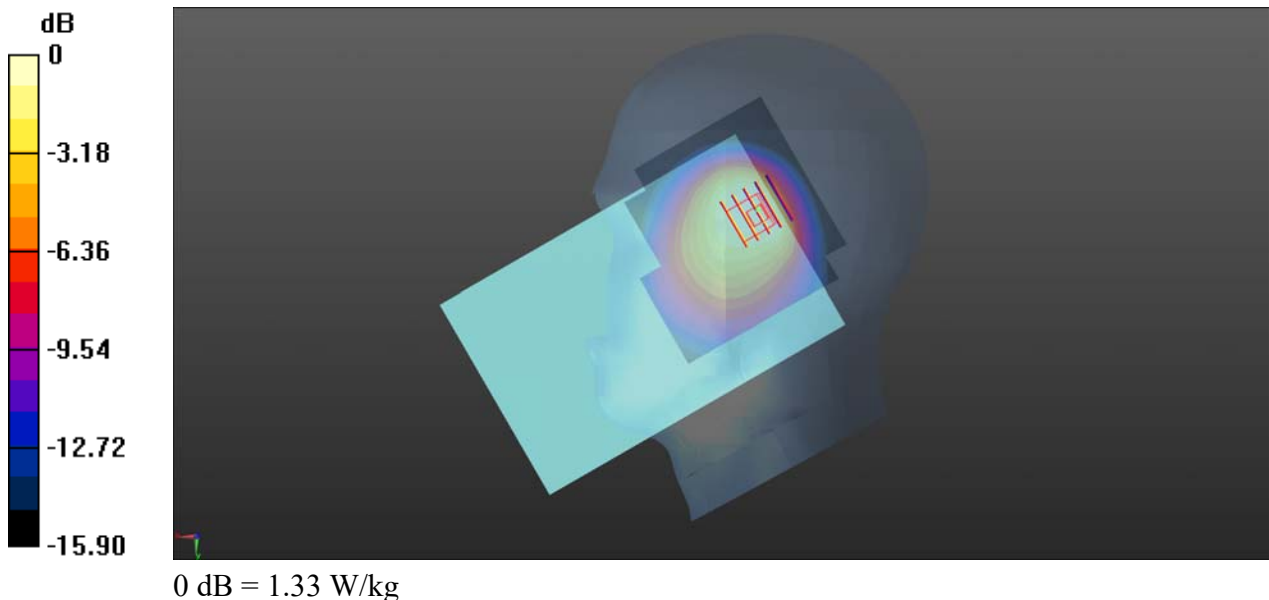
Communication System: UID 0, LTE (0); Frequency: 711 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42.217$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 711 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23130/Area Scan (81x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 1.55 W/kg

**Ch23130/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 27.57 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.71 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.655 W/kg**  
Smallest distance from peaks to all points 3 dB below = 11.2 mm  
Ratio of SAR at M2 to SAR at M1 = 60.4%  
Maximum value of SAR (measured) = 1.33 W/kg



### LTE Band 13\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch23230

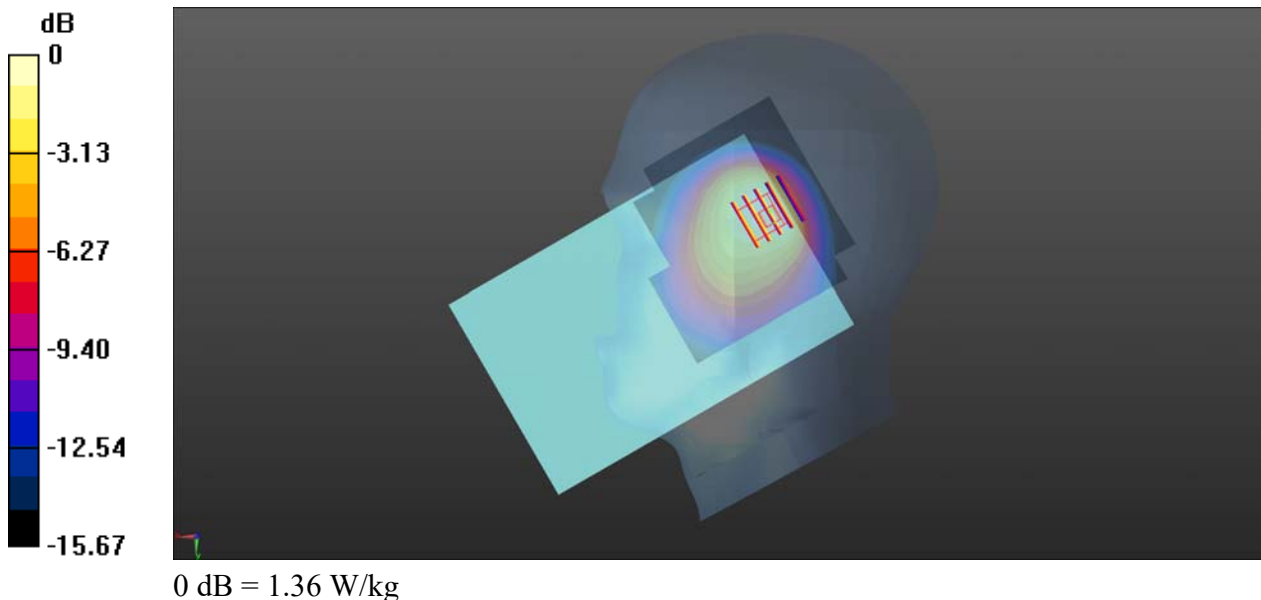
Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.938 \text{ S/m}$ ;  $\epsilon_r = 42.016$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 782 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23230/Area Scan (81x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 1.56 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 27.28 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 1.73 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.652 W/kg**  
Smallest distance from peaks to all points 3 dB below = 11.7 mm  
Ratio of SAR at M2 to SAR at M1 = 57.9%  
Maximum value of SAR (measured) = 1.36 W/kg



## LTE Band 48\_20MHz\_QPSK\_1RB\_0Offset\_Right Chek\_0mm\_Ch55990

Communication System: UID 0, LTE (0); Frequency: 3625 MHz; Duty Cycle: 1:1  
Medium: HSL 3700 Medium parameters used:  $f = 3625$  MHz;  $\sigma = 2.97$  S/m;  $\epsilon_r = 36.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(6.31, 6.31, 6.31) @ 3625 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch55990/Area Scan (12x12x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0298 W/kg

**Ch55990/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.125 V/m; Power Drift = -0.19 dB

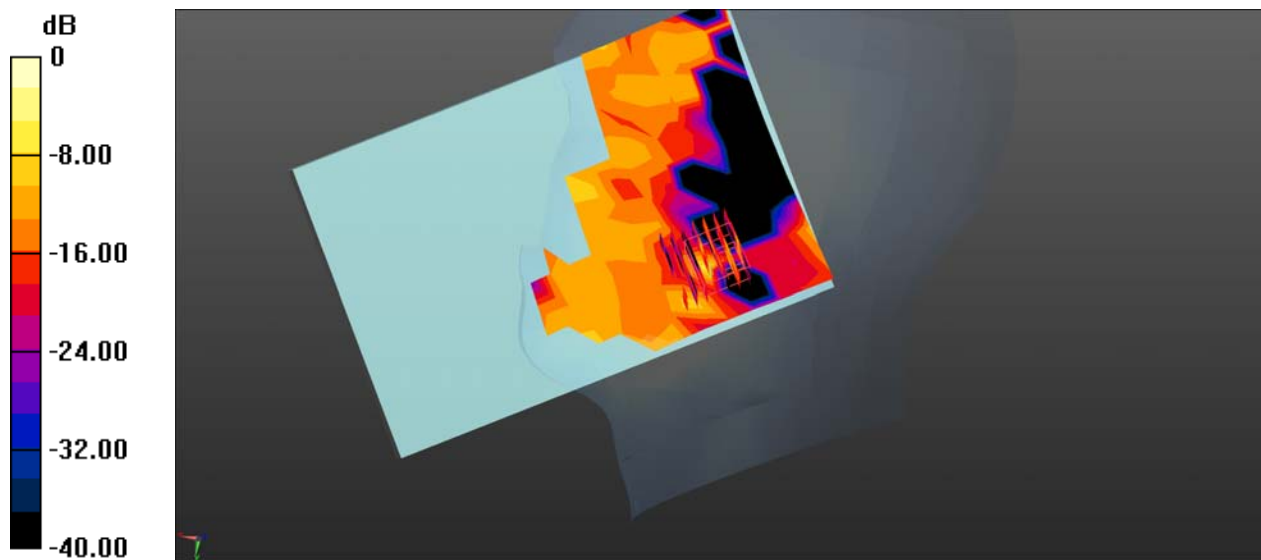
Peak SAR (extrapolated) = 0.0160 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.076 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 45.6%

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



0 dB = 0.116 W/kg

### LTE Band 66\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch132322

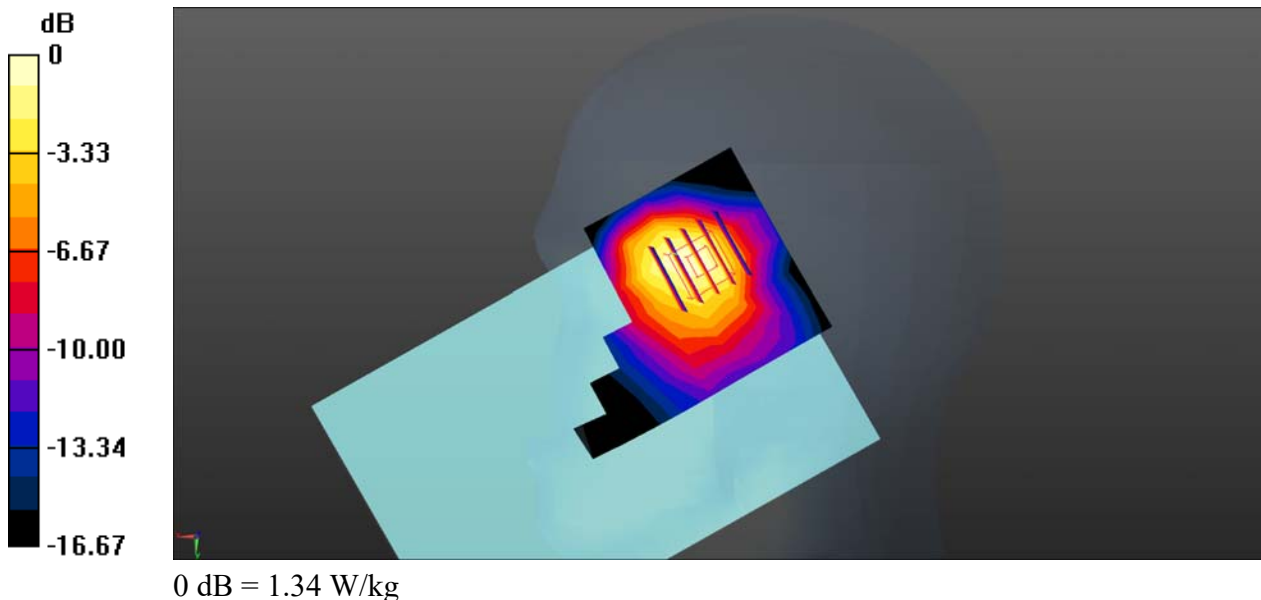
Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 39.567$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1745 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch132322/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.38 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.486 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 1.75 W/kg  
**SAR(1 g) = 1.040 W/kg; SAR(10 g) = 0.559 W/kg**  
Smallest distance from peaks to all points 3 dB below = 10.8 mm  
Ratio of SAR at M2 to SAR at M1 = 55.8%  
Maximum value of SAR (measured) = 1.34 W/kg





### LTE Band 71\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch133322

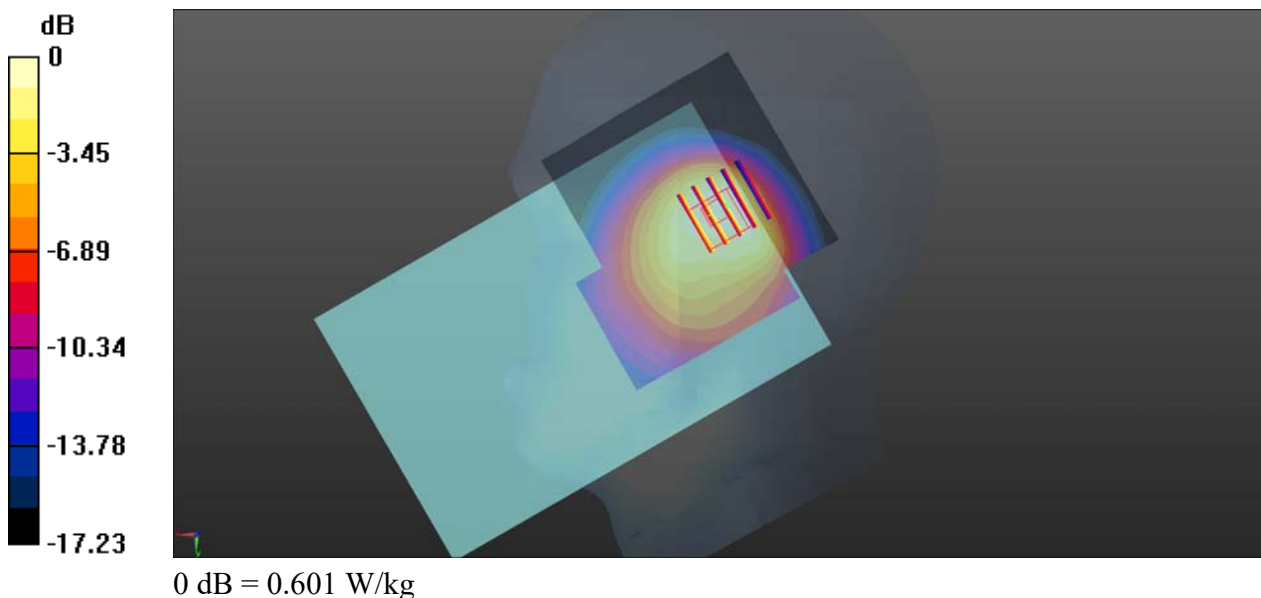
Communication System: UID 0, LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 683 \text{ MHz}$ ;  $\sigma = 0.91 \text{ S/m}$ ;  $\epsilon_r = 42.287$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 683 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch133322/Area Scan (81x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.665 W/kg

**Ch133322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 20.51 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.808 W/kg  
**SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.293 W/kg**  
Maximum value of SAR (measured) = 0.601 W/kg



### NR Band n2\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Right Cheek\_Ch376000

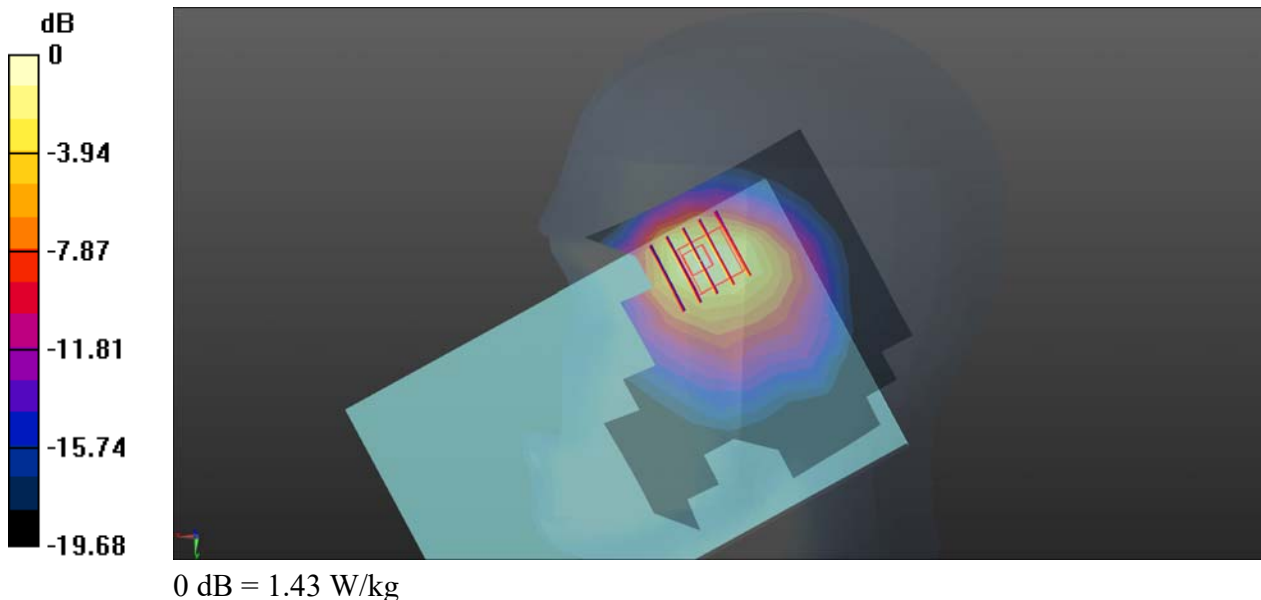
Communication System: UID 0, 5G NR (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1880 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch376000/Area Scan (10x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.17 W/kg

**Ch376000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.715 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 1.84 W/kg  
**SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.516 W/kg**  
Smallest distance from peaks to all points 3 dB below = 11.3 mm  
Ratio of SAR at M2 to SAR at M1 = 53%  
Maximum value of SAR (measured) = 1.43 W/kg



### 5G NR n66\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Right Cheek\_Ch349000

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 39.567$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1745 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

#### Ch349000/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.13 W/kg

#### Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.344 V/m; Power Drift = 0.10 dB

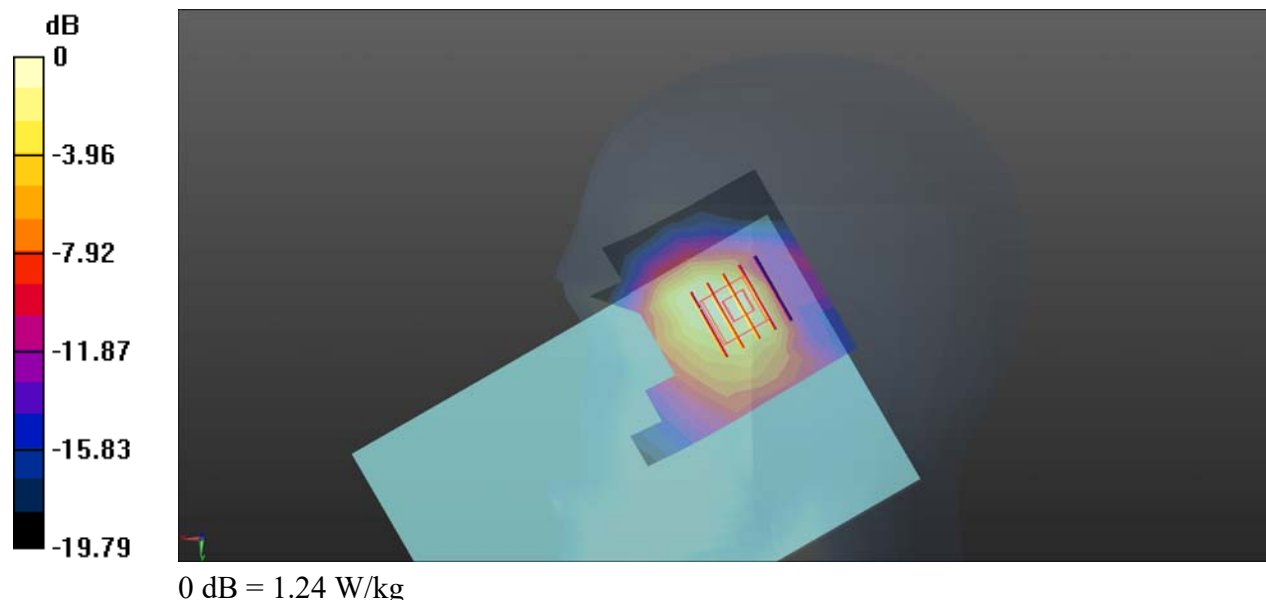
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.581 W/kg**

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 1.24 W/kg



## 5G NR n71\_20MHz\_DFT-S-SQPK\_1RB\_1Offset\_Right Cheek\_Ch136100

Communication System: UID 0, 5G NR (0); Frequency: 680.5 MHz; Duty Cycle: 1:1  
 Medium: HSL\_750 Medium parameters used:  $f = 680.5$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 42.344$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 680.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch136100/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.920 W/kg

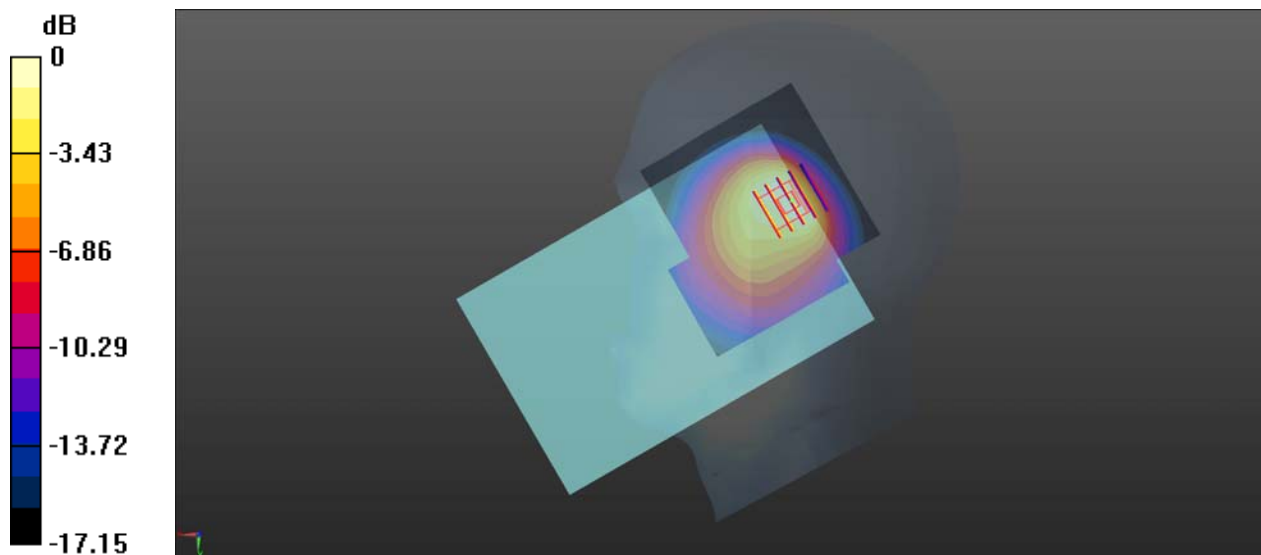
**Ch136100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.93 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.360 W/kg**

Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874 W/kg

### 5G NR n77\_100MHz\_DFT-S-QPSK\_1RB\_1Offset\_Right Cheek\_Ch656000

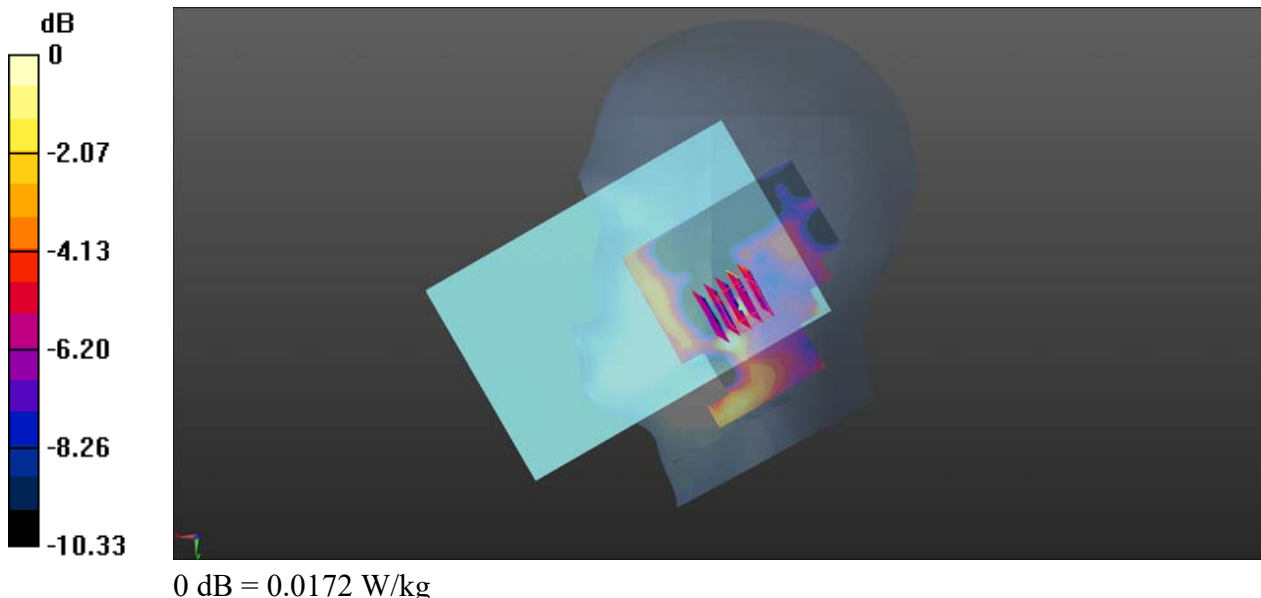
Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1  
Medium: HSL 3900 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.15$  S/m;  $\epsilon_r = 35.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(6.22, 6.22, 6.22) @ 3840 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch656000/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0371 W/kg

**Ch656000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.279 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.0230 W/kg  
**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00888 W/kg**  
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
Ratio of SAR at M2 to SAR at M1 = 60.6%  
Maximum value of SAR (measured) = 0.0172 W/kg



## WLAN 2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch1\_Ant 5

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.762$  S/m;  $\epsilon_r = 38.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2412 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1/Area Scan (101x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.433 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.186 V/m; Power Drift = 0.08 dB

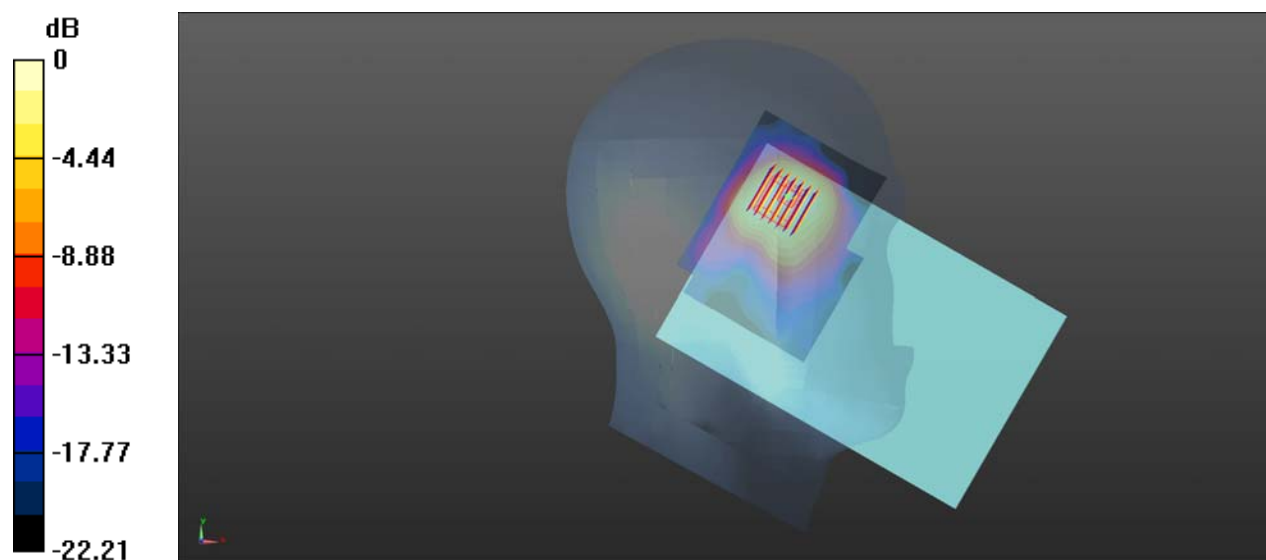
Peak SAR (extrapolated) = 0.581 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.244 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 46.9%

Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg

## WLAN 5.2GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch38\_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz; Duty Cycle: 1:1.017  
Medium: HSL\_5250 Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.63$  S/m;  $\epsilon_r = 36.154$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5190 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38/Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

**Ch38/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.308 V/m; Power Drift = 0.02 dB

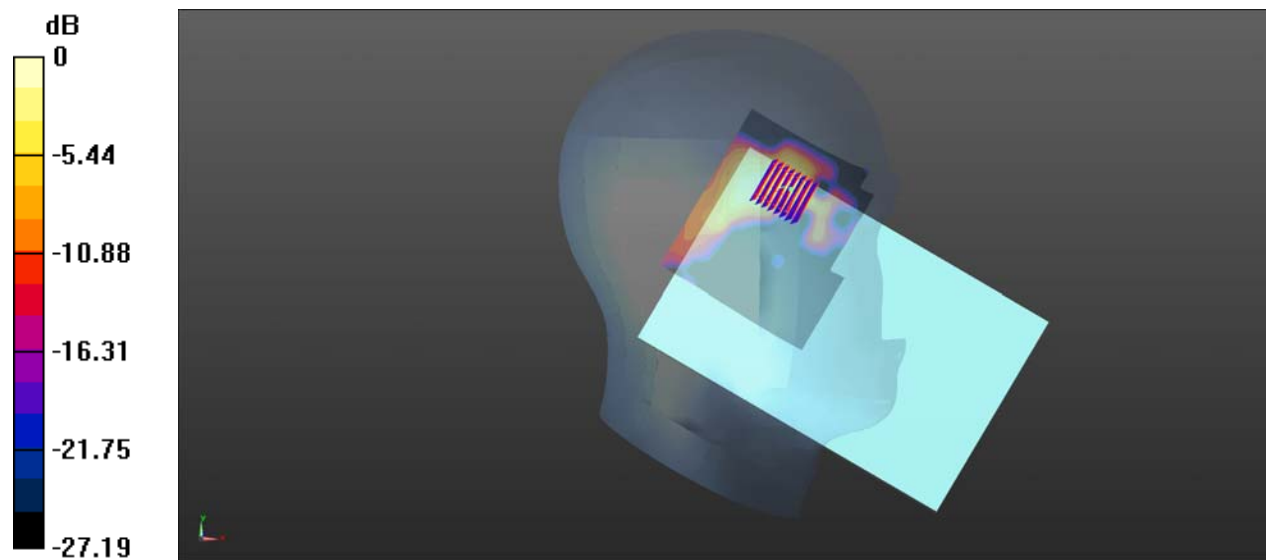
Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.182 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.433 W/kg

## WLAN 5.3GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch62\_Ant 6

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5310 MHz; Duty Cycle: 1:1.017  
Medium: HSL\_5250 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 4.773$  S/m;  $\epsilon_r = 35.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5310 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch62/Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

**Ch62/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.689 V/m; Power Drift = -0.02 dB

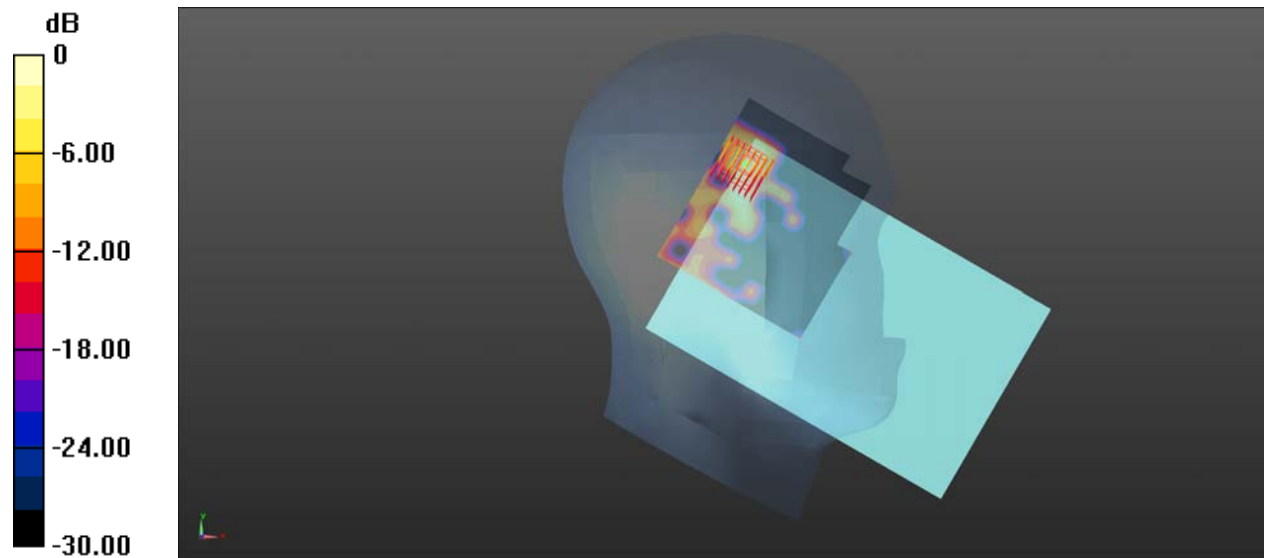
Peak SAR (extrapolated) = 0.414 W/kg

**SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.152 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg



## WLAN 5.5GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch102\_Ant 6

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5510 MHz; Duty Cycle: 1:1.017  
Medium: HSL\_5750 Medium parameters used:  $f = 5510$  MHz;  $\sigma = 5.015$  S/m;  $\epsilon_r = 35.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.65, 4.65, 4.65) @ 5510 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch102/Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.319 W/kg

**Ch102/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.028 V/m; Power Drift = -0.04 dB

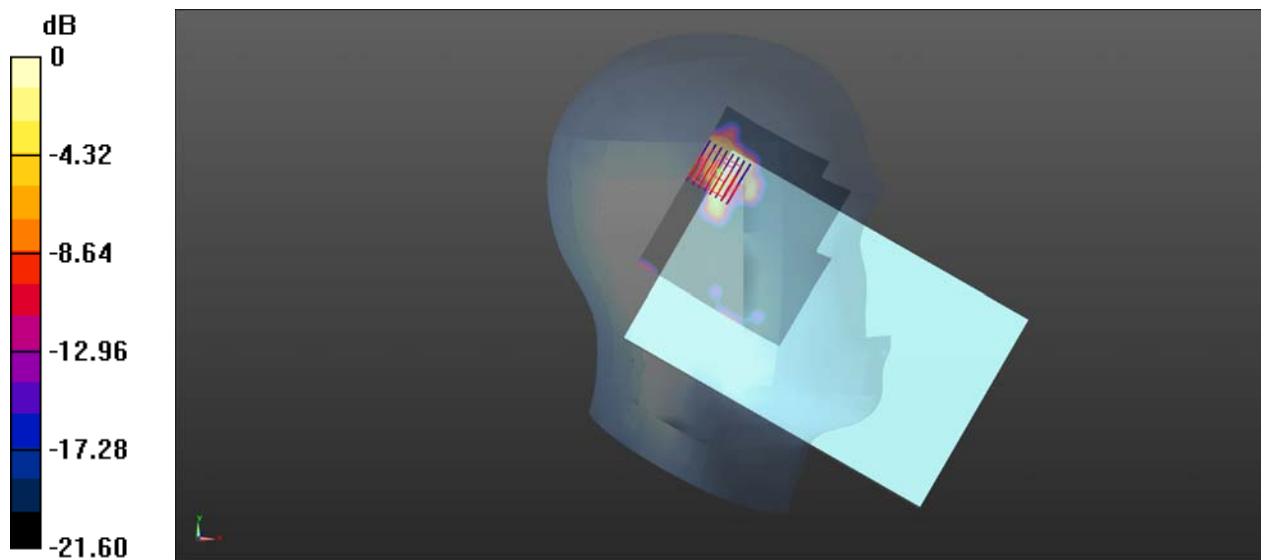
Peak SAR (extrapolated) = 0.419 W/kg

**SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.156 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.2%

Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg

## WLAN 5.8GHz\_802.11n-HT20 MCS0\_Left Cheek\_Ch165\_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.017  
Medium: HSL\_5750 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.388$  S/m;  $\epsilon_r = 35.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.65, 4.65, 4.65) @ 5825 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch165/Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.272 W/kg

**Ch165/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.991 V/m; Power Drift = -0.06 dB

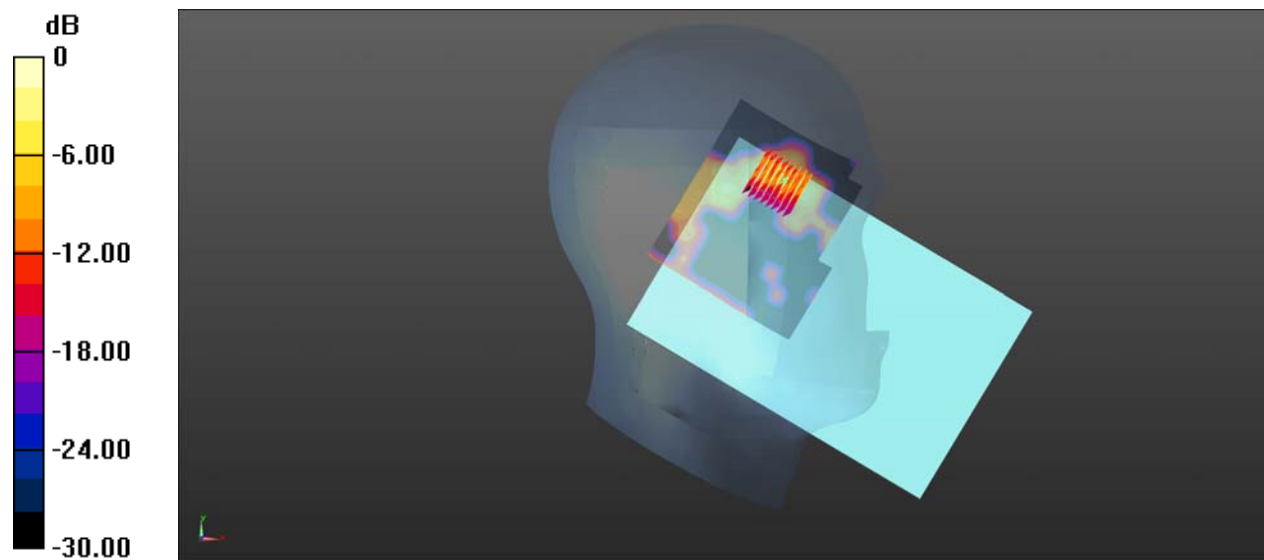
Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.145 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 53%

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



0 dB = 0.289 W/kg

## WCDMA Band II\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch9538

Communication System: UID 0, UMTS-FDD (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
 Medium: HSL\_2000 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.378 \text{ S/m}$ ;  $\epsilon_r = 39.922$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1907.6 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9538/Area Scan (91x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.7 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.299 V/m; Power Drift = -0.06 dB

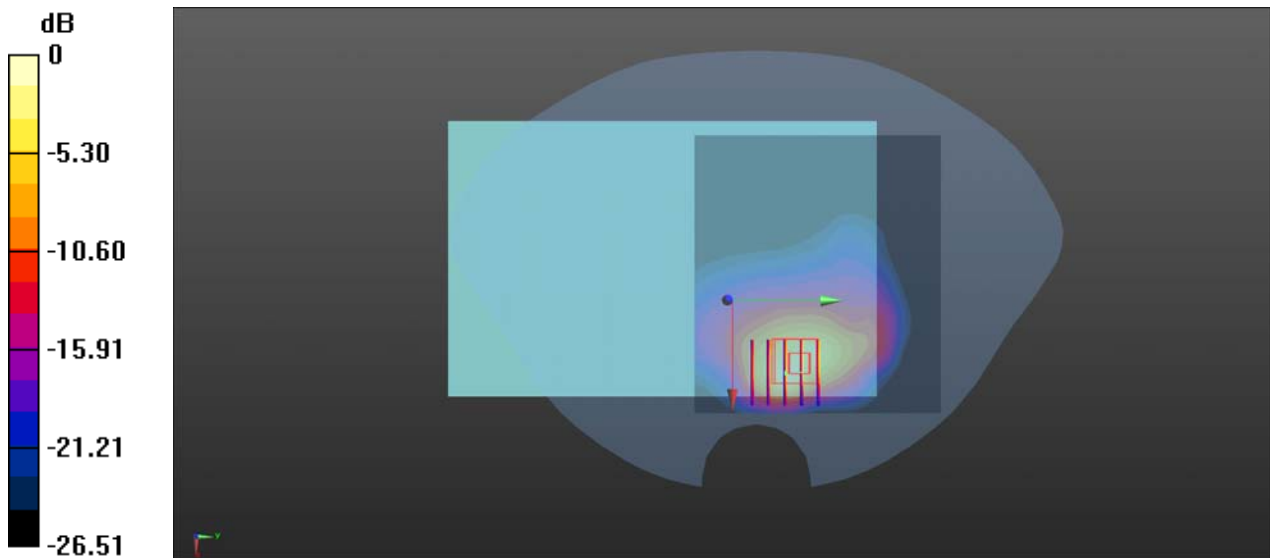
Peak SAR (extrapolated) = 31.1 W/kg

**SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.36 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 31.5%

Maximum value of SAR (measured) = 8.4 W/kg



0 dB = 8.4 W/kg

### WCDMA Band IV\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch1513

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.454$  S/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1752.6 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1513/Area Scan (91x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.9 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.52 V/m; Power Drift = -0.07 dB

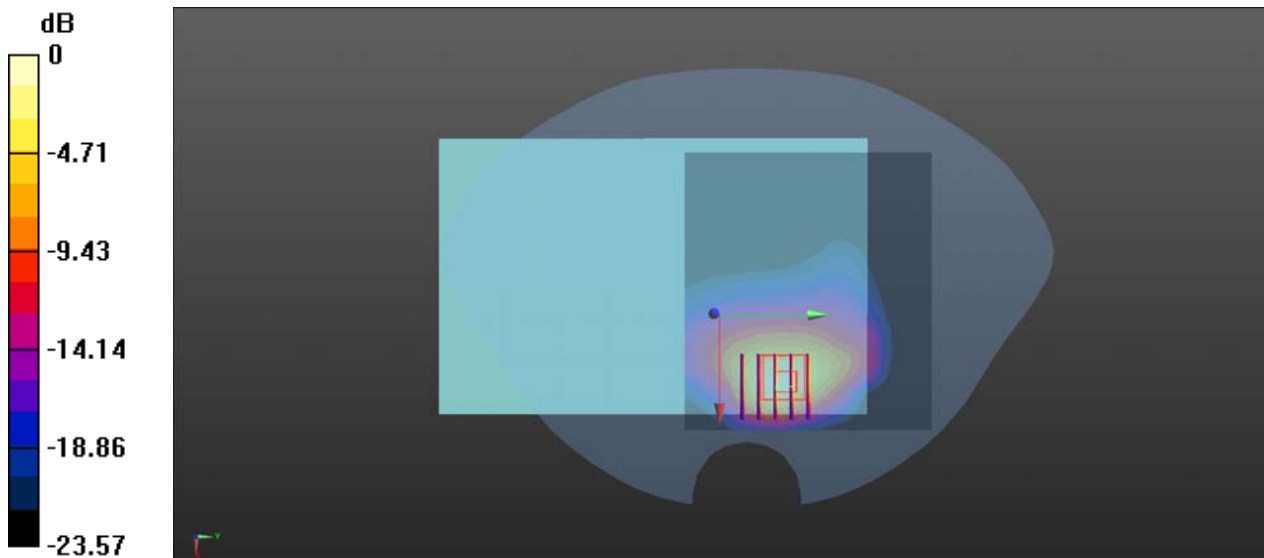
Peak SAR (extrapolated) = 25.3 W/kg

**SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.346 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum value of SAR (measured) = 5.5 W/kg



0 dB = 5.5 W/kg

### LTE Band 2\_20MHz\_QPSK\_1RB\_0Offset\_Bottom Face\_0mm\_Ch19100

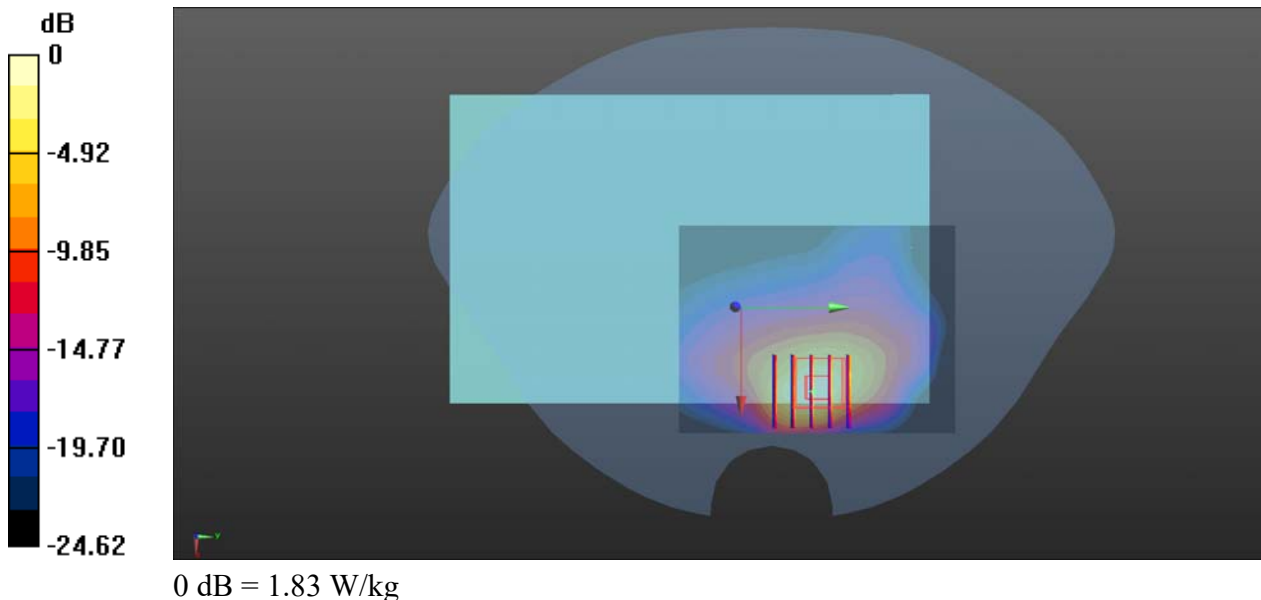
Communication System: UID 0, LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.375$  S/m;  $\epsilon_r = 39.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1900 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch19100/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 2.07 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.184 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 2.66 W/kg  
**SAR(1 g) = 1.270 W/kg; SAR(10 g) = 0.541 W/kg**  
Smallest distance from peaks to all points 3 dB below = 6.4 mm  
Ratio of SAR at M2 to SAR at M1 = 34.8%  
Maximum value of SAR (measured) = 1.83 W/kg



### LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Edge 4\_0mm\_Ch23095

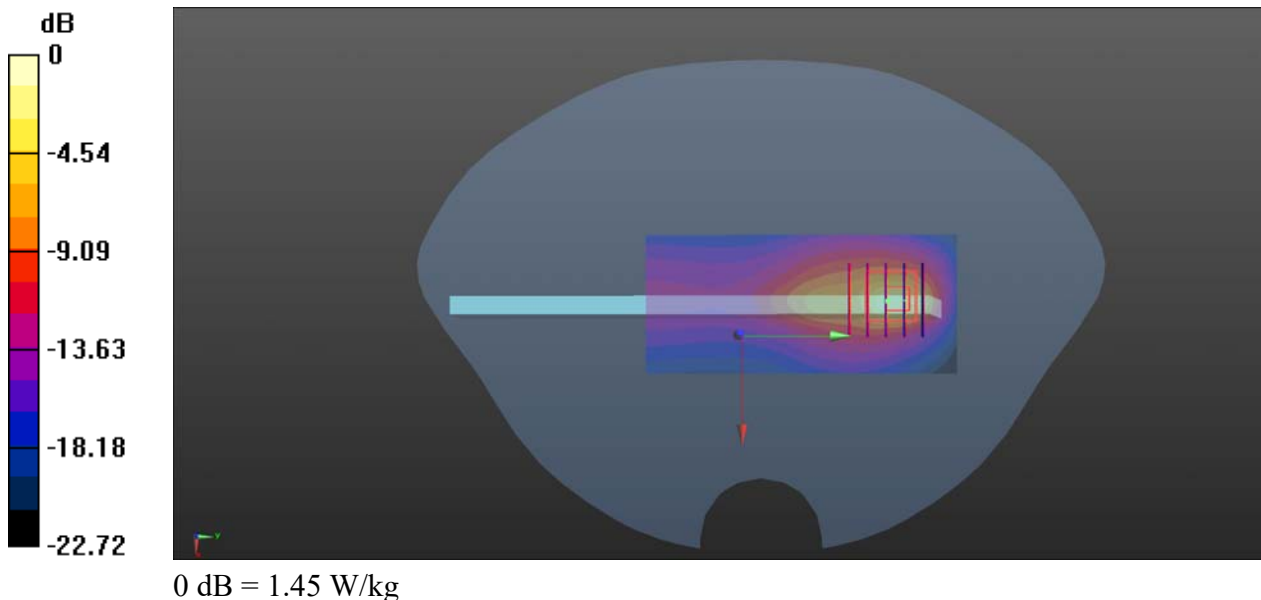
Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.919$  S/m;  $\epsilon_r = 42.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 707.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23095/Area Scan (41x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.916 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.085 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 2.66 W/kg  
**SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.219 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.5 mm  
Ratio of SAR at M2 to SAR at M1 = 21.9%  
Maximum value of SAR (measured) = 1.45 W/kg



### LTE Band 13\_10MHz\_QPSK\_1RB\_0Offset\_Edge 4\_0mm\_Ch23230

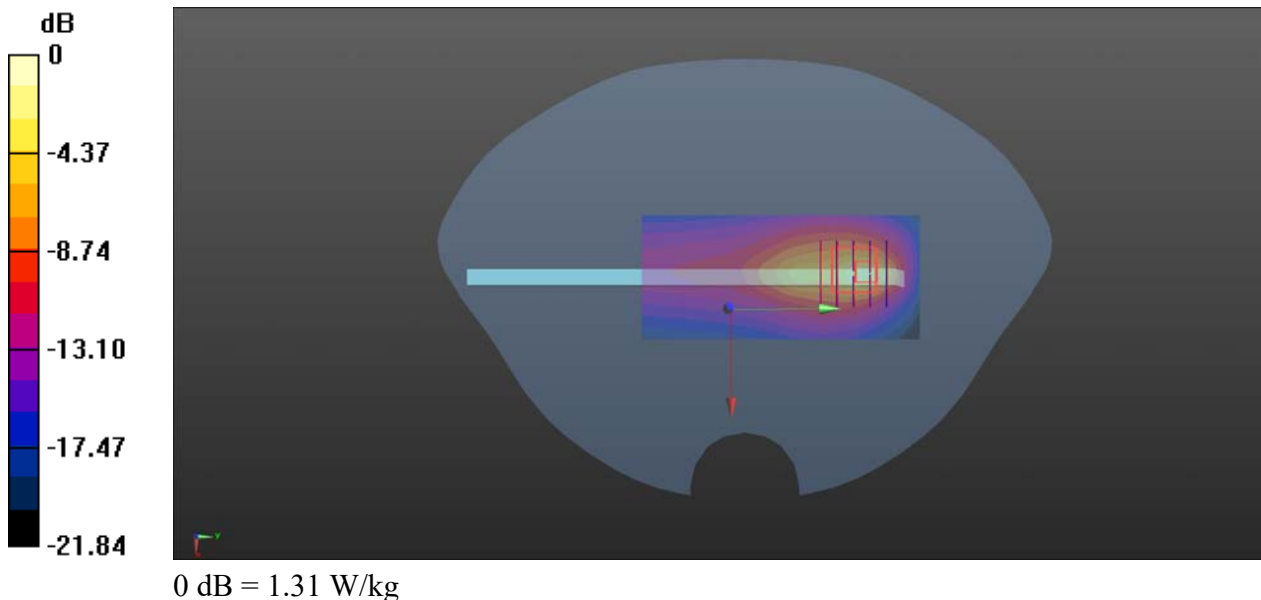
Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.938 \text{ S/m}$ ;  $\epsilon_r = 42.016$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 782 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23230/Area Scan (41x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.807 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 10.36 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 2.08 W/kg  
**SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.210 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4.5 mm  
Ratio of SAR at M2 to SAR at M1 = 22.8%  
Maximum value of SAR (measured) = 1.31 W/kg



### LTE Band 48\_20MHz\_QPSK\_1RB\_0Offset\_Bottom Face\_0mm\_Ch56640

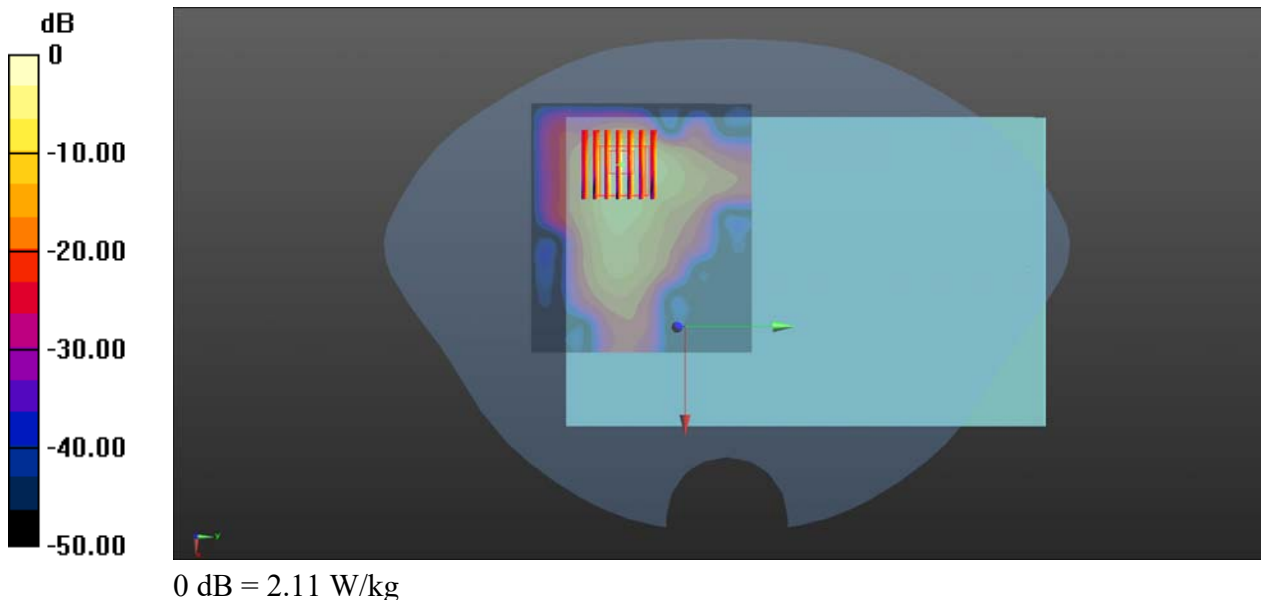
Communication System: UID 0, LTE (0); Frequency: 3690 MHz; Duty Cycle: 1:1.59  
Medium: HSL 3700 Medium parameters used:  $f = 3690$  MHz;  $\sigma = 3.28$  S/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(6.31, 6.31, 6.31) @ 3690 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch56640/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 2.09 W/kg

**Ch56640/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 3.86 W/kg  
**SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.252 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4 mm  
Ratio of SAR at M2 to SAR at M1 = 25.1%  
Maximum value of SAR (measured) = 2.11 W/kg





**LTE Band 66\_20MHz\_QPSK\_1RB\_0Offset\_Edge 4\_0mm\_Ch132072**

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

Medium: HSL\_1800 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.394$  S/m;  $\epsilon_r = 39.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1720 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch132072/Area Scan (41x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.69 W/kg

**Ch132072/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.48 V/m; Power Drift = -0.15 dB

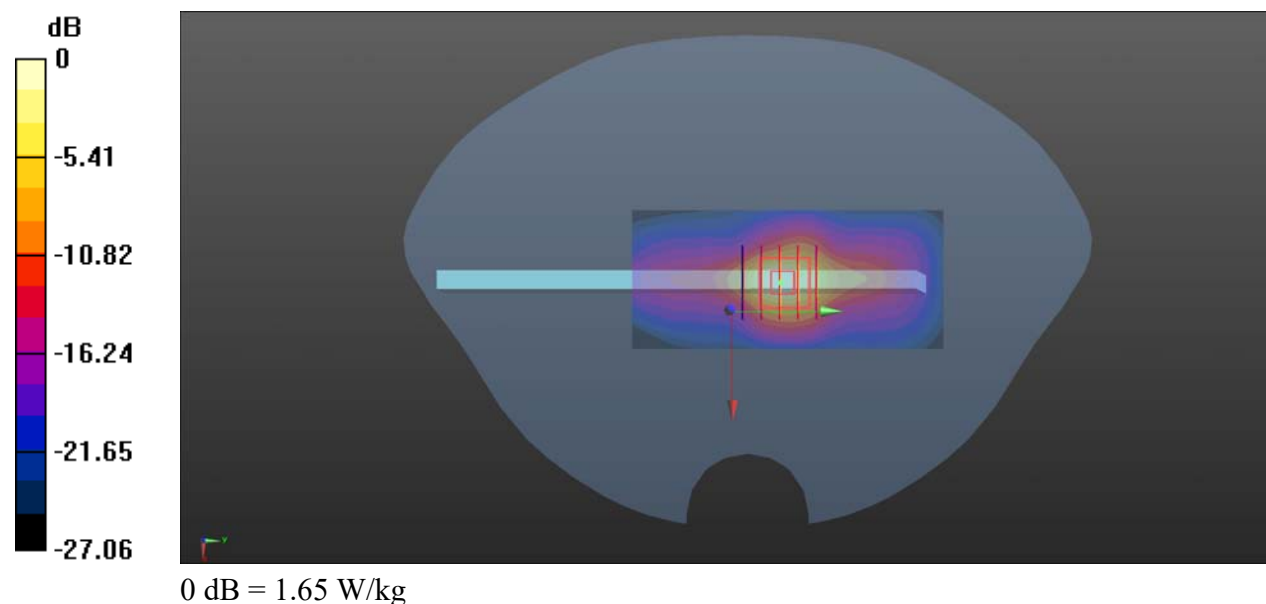
Peak SAR (extrapolated) = 2.49 W/kg

**SAR(1 g) = 1.220 W/kg; SAR(10 g) = 0.613 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 39.5%

Maximum value of SAR (measured) = 1.65 W/kg



## LTE Band 71\_20MHz\_QPSK\_1RB\_0Offset\_Edge 1\_0mm\_Ch133372

Communication System: UID 0, LTE (0); Frequency: 688 MHz; Duty Cycle: 1:1

Medium: HSL\_750 Medium parameters used:  $f = 688$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 42.295$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 688 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch133372/Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.979 W/kg

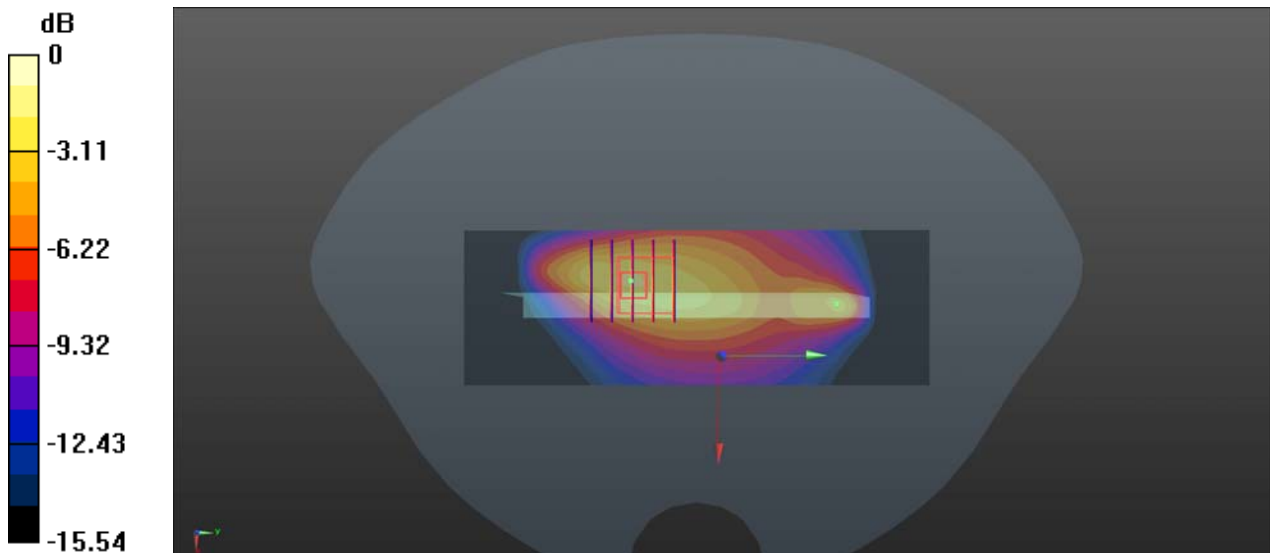
**Ch133372/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.44 V/m; Power Drift = -0.27 dB

Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.488 W/kg**

Maximum value of SAR (measured) = 1.51 W/kg



### 5G NR n2\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Bottom Face\_0mm\_Ch380000

Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.375$  S/m;  $\epsilon_r = 39.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.99, 7.99, 7.99) @ 1900 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch380000/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

**Ch380000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.002 V/m; Power Drift = 0.09 dB

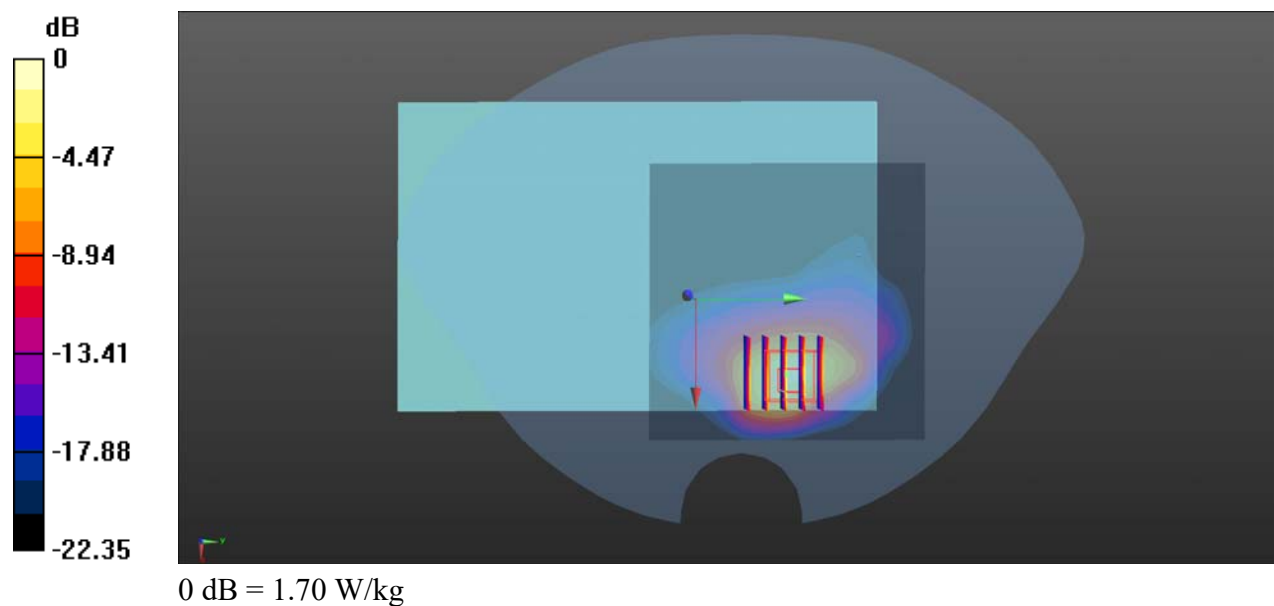
Peak SAR (extrapolated) = 2.86 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.413 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 33.5%

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



### 5G NR n66\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Bottom Face\_0mm\_Ch354000

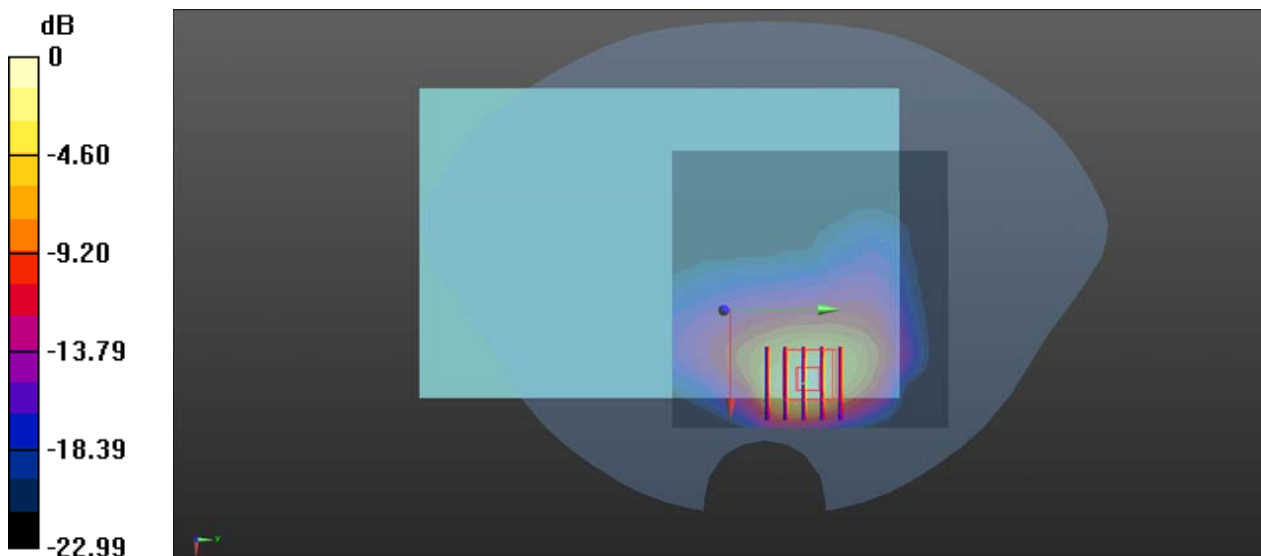
Communication System: UID 0, 5G NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.487$  S/m;  $\epsilon_r = 39.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1770 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch354000/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.68 W/kg

**Ch354000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.477 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 2.51 W/kg  
**SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.440 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.6 mm  
Ratio of SAR at M2 to SAR at M1 = 38.4%  
Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg

### 5G NR n71\_20MHz\_DFT-S-SQPK\_1RB\_1Offset\_Edge 1\_0mm\_Ch134600

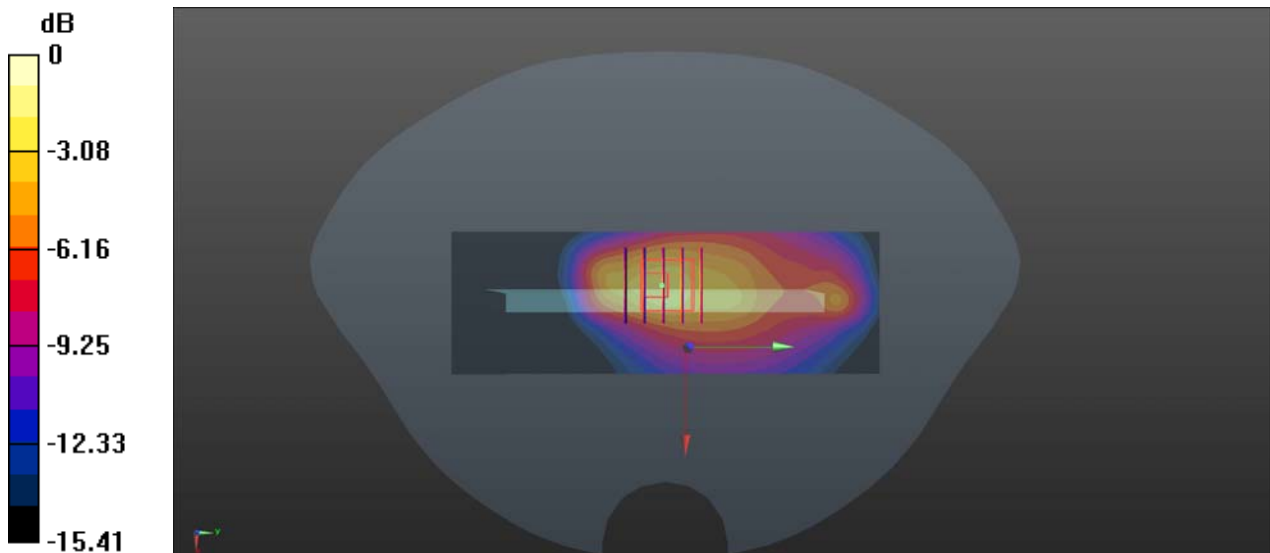
Communication System: UID 0, 5G NR (0); Frequency: 673 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 673 \text{ MHz}$ ;  $\sigma = 0.909 \text{ S/m}$ ;  $\epsilon_r = 42.408$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 673 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch134600/Area Scan (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) = 0.927 W/kg

**Ch134600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 28.17 V/m; Power Drift = -0.47 dB  
Peak SAR (extrapolated) = 2.13 W/kg  
**SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.446 W/kg**  
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg

### 5G NR n77\_100MHz\_DFT-S-QPSK\_1RB\_1Offset\_Bottom Face\_0mm\_Ch656000

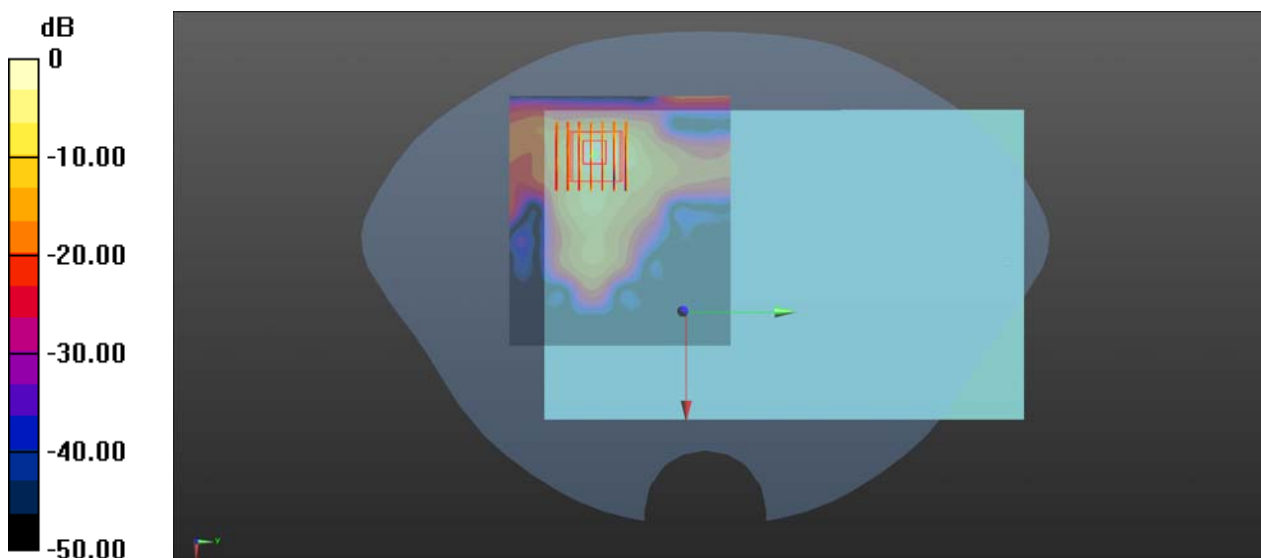
Communication System: UID 0, 5G NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1  
Medium: HSL 3900 Medium parameters used:  $f = 3840$  MHz;  $\sigma = 3.15$  S/m;  $\epsilon_r = 35.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(6.22, 6.22, 6.22) @ 3840 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch656000/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.07 W/kg

**Ch656000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.93 W/kg  
**SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.118 W/kg**  
Smallest distance from peaks to all points 3 dB below = 4 mm  
Ratio of SAR at M2 to SAR at M1 = 27.7%  
Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.996 W/kg

## WLAN 2.4GHz\_802.11b 1Mbps\_Bottom Face\_0mm\_Ch6\_Ant 6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.802$  S/m;  $\epsilon_r = 38.902$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2437 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch6/Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.57 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.185 V/m; Power Drift = 0.06 dB

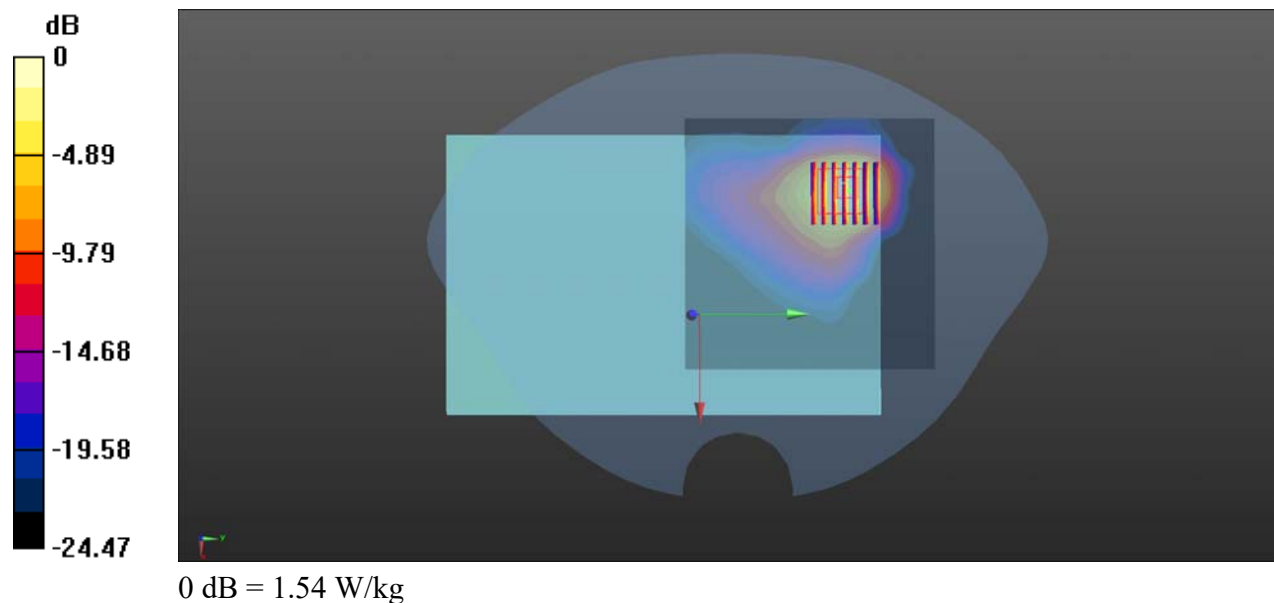
Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.451 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 43.4%

Maximum value of SAR (measured) = 1.54 W/kg



### WLAN 5.2GHz\_802.11n-HT40 MCS0\_Bottom Face\_0mm\_Ch38\_Ant 6

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz; Duty Cycle: 1:1.043  
Medium: HSL\_5250 Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.63$  S/m;  $\epsilon_r = 36.154$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5190 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38/Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.68 W/kg

**Ch38/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.04 dB

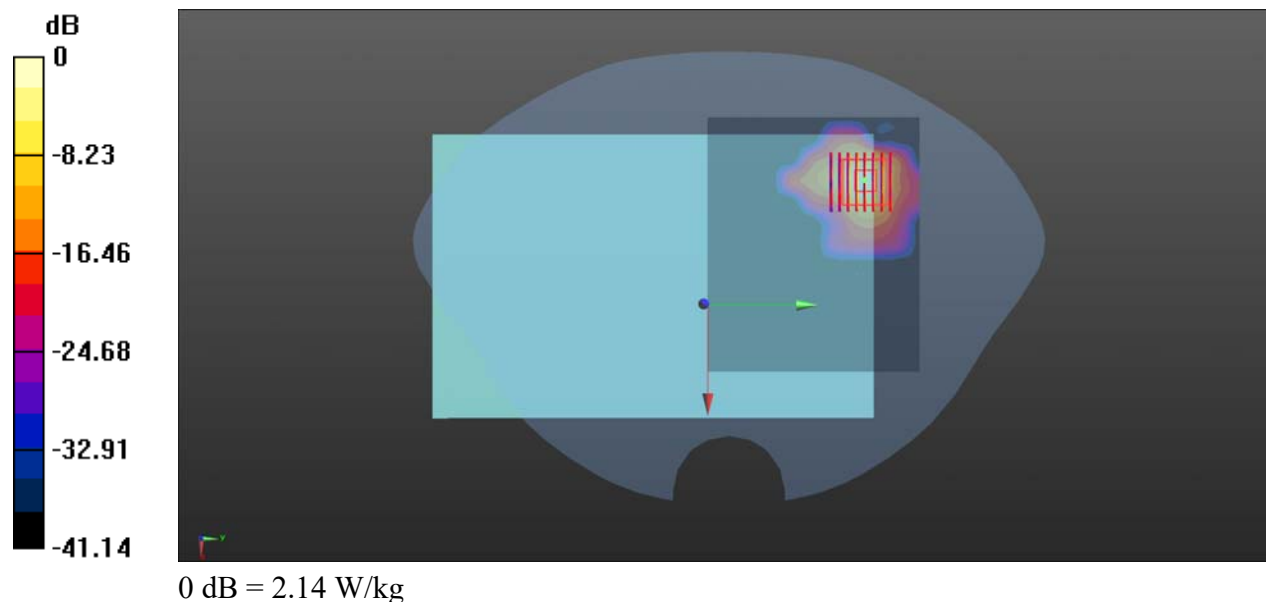
Peak SAR (extrapolated) = 4.53 W/kg

**SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.205 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 2.14 W/kg





## WLAN 5.3GHz\_802.11n-HT40 MCS0\_Bottom Face\_0mm\_Ch54\_Ant 6

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.043  
Medium: HSL\_5250 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.728$  S/m;  $\epsilon_r = 36.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5270 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch54/Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

**Ch54/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

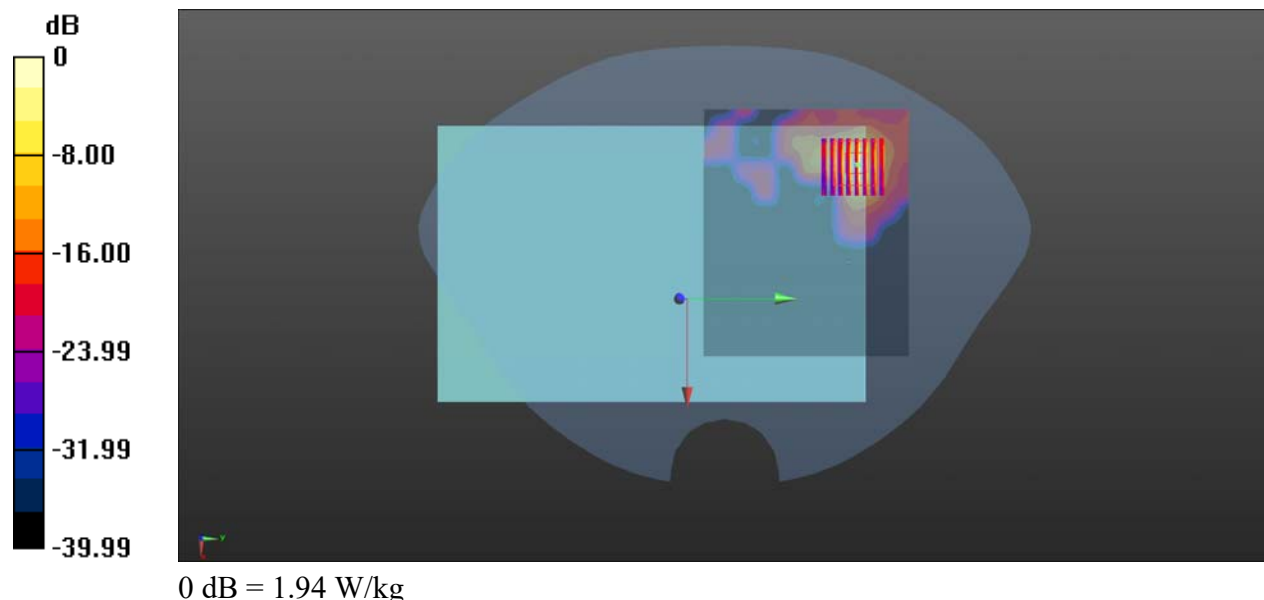
Peak SAR (extrapolated) = 4.10 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.195 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 1.94 W/kg



### WLAN 5.5GHz\_802.11n-HT40 MCS0\_Edge 2\_0mm\_Ch142\_Ant 5

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5710 MHz; Duty Cycle: 1:1.043  
Medium: HSL\_5750 Medium parameters used:  $f = 5710$  MHz;  $\sigma = 5.254$  S/m;  $\epsilon_r = 35.228$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.65, 4.65, 4.65) @ 5710 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch142/Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

**Ch142/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.012 V/m; Power Drift = 0.07 dB

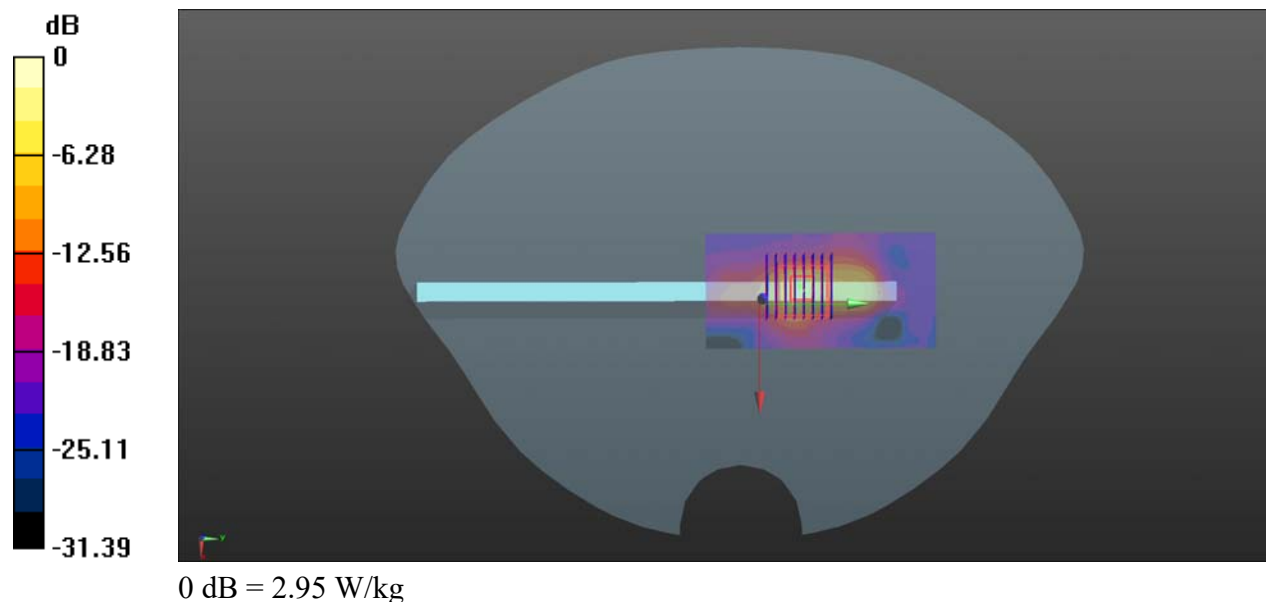
Peak SAR (extrapolated) = 6.84 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.227 W/kg**

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 2.95 W/kg



## WLAN 5.8GHz\_802.11n-HT40 MCS0\_Bottom Face\_0mm\_Ch151\_Ant 6

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz; Duty Cycle: 1:1.043  
Medium: HSL\_5750 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.306$  S/m;  $\epsilon_r = 35.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.65, 4.65, 4.65) @ 5755 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch151/Area Scan (111x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.98 W/kg

**Ch151/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = -0.05 dB

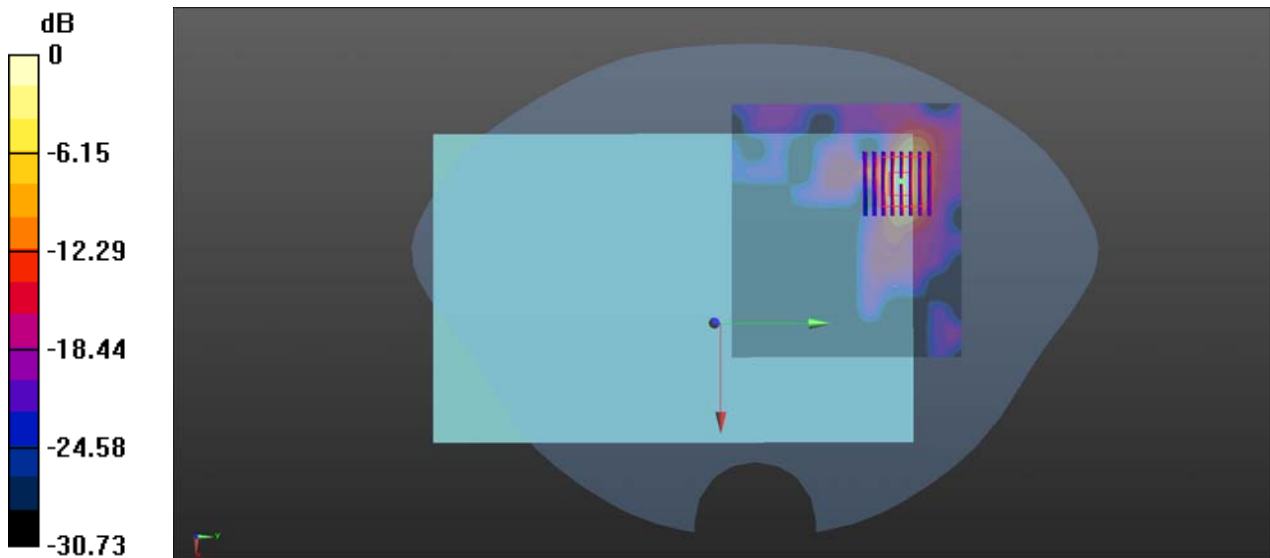
Peak SAR (extrapolated) = 4.86 W/kg

**SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.190 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg

## Bluetooth\_1Mbps\_Bottom Face\_0mm\_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.085  
Medium: HSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 38.675$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EEX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2480 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch78/Area Scan (11x12x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.189 W/kg

**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.340 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 0.537 W/kg  
**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.060 W/kg**  
Smallest distance from peaks to all points 3 dB below = 3 mm  
Ratio of SAR at M2 to SAR at M1 = 38.4%  
Maximum value of SAR (measured) = 0.212 W/kg

