



REPORT No.: SZ22010102S01

## Annex D Plots of Maximum SAR Test Results

## GSM850\_GPRS(3 TX slots)\_Right Cheek\_Ch189

Communication System: UID 0, GSM850(class 11) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.978$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 900 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch189/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.410 W/kg

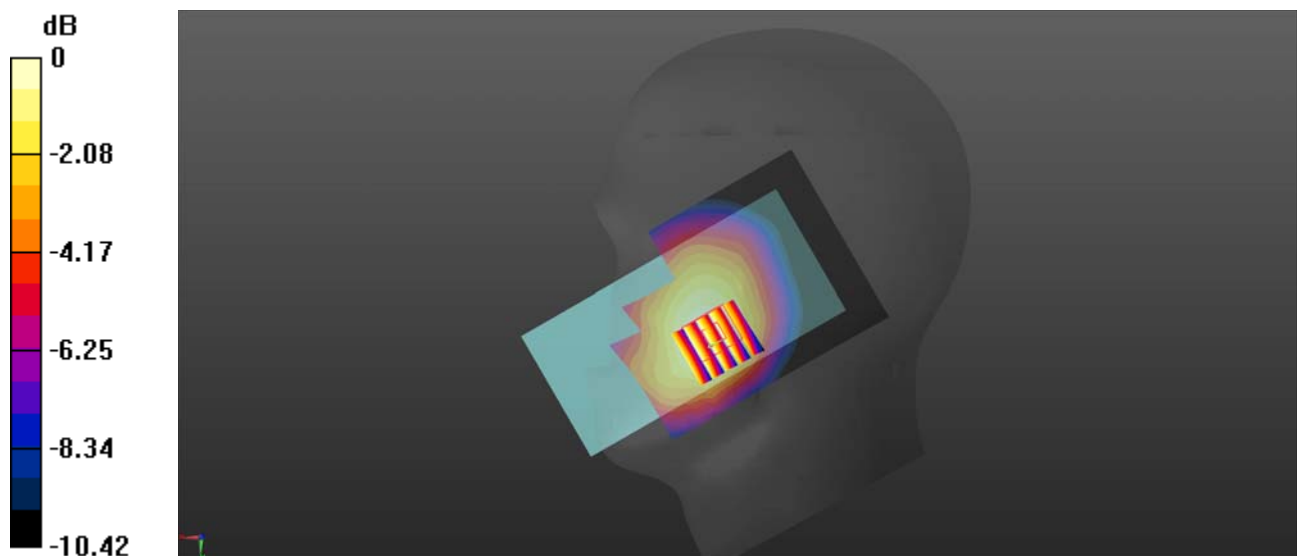
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.336 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.441 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.251 W/kg**

Maximum value of SAR (measured) = 0.387 W/kg



0 dB = 0.387 W/kg

## GSM1900\_GPRS(3 TX slots)\_Left Cheek\_Ch661

Communication System: UID 0, GSM1900(class 11) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch661/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.290 W/kg

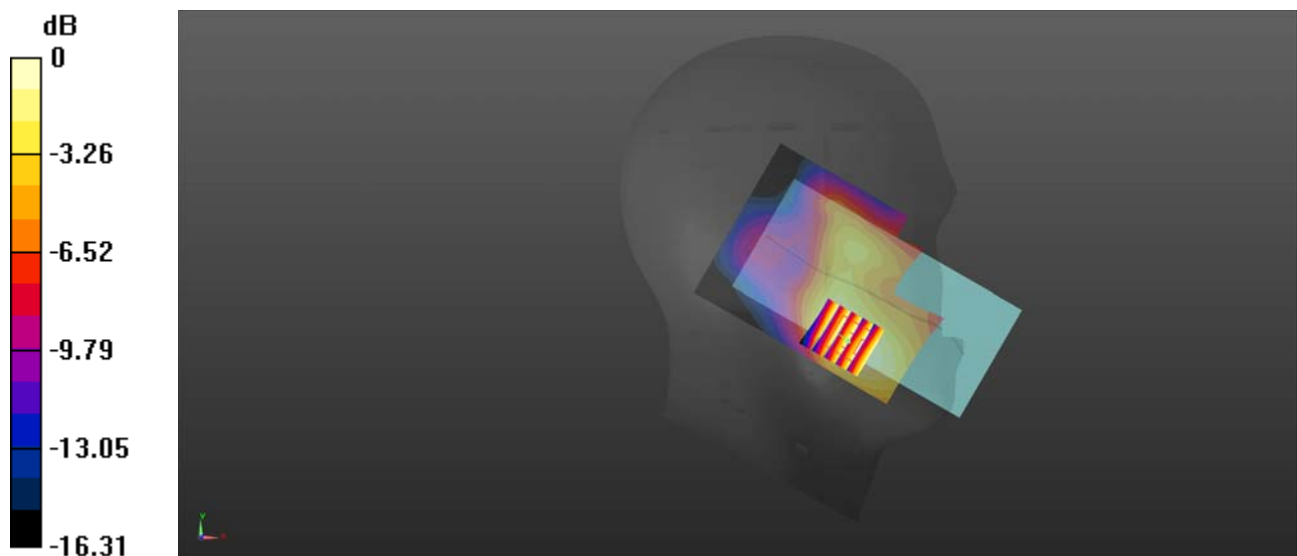
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.424 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.328 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.135 W/kg**

Maximum value of SAR (measured) = 0.267 W/kg



0 dB = 0.267 W/kg

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

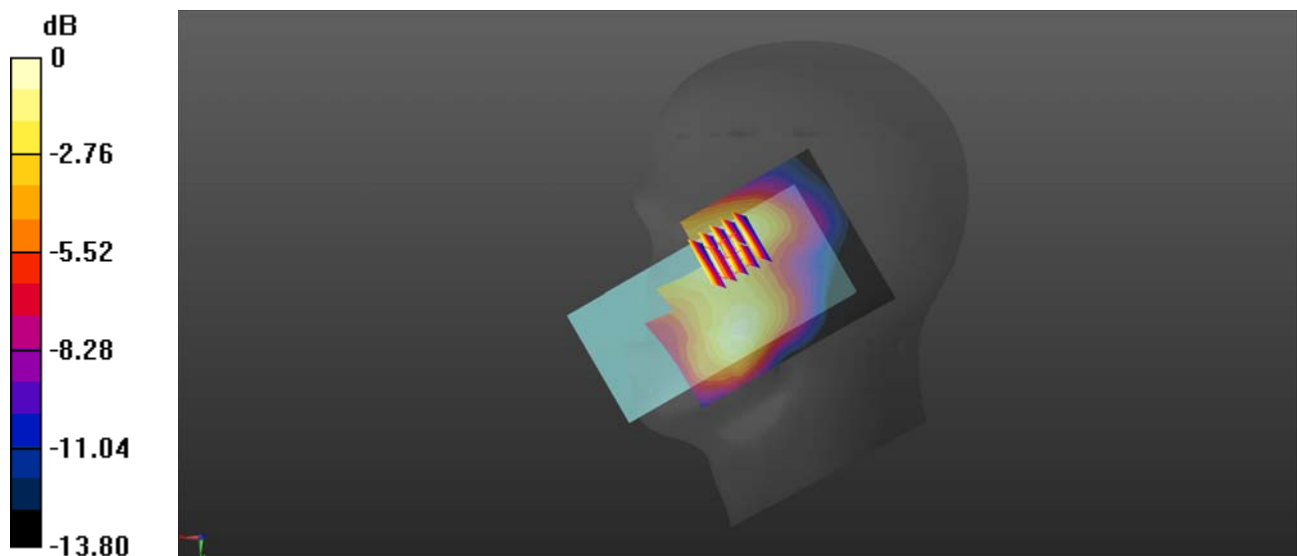
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### 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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9400/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.232 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.425 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.285 W/kg  
**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.115 W/kg**  
Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.236 W/kg

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

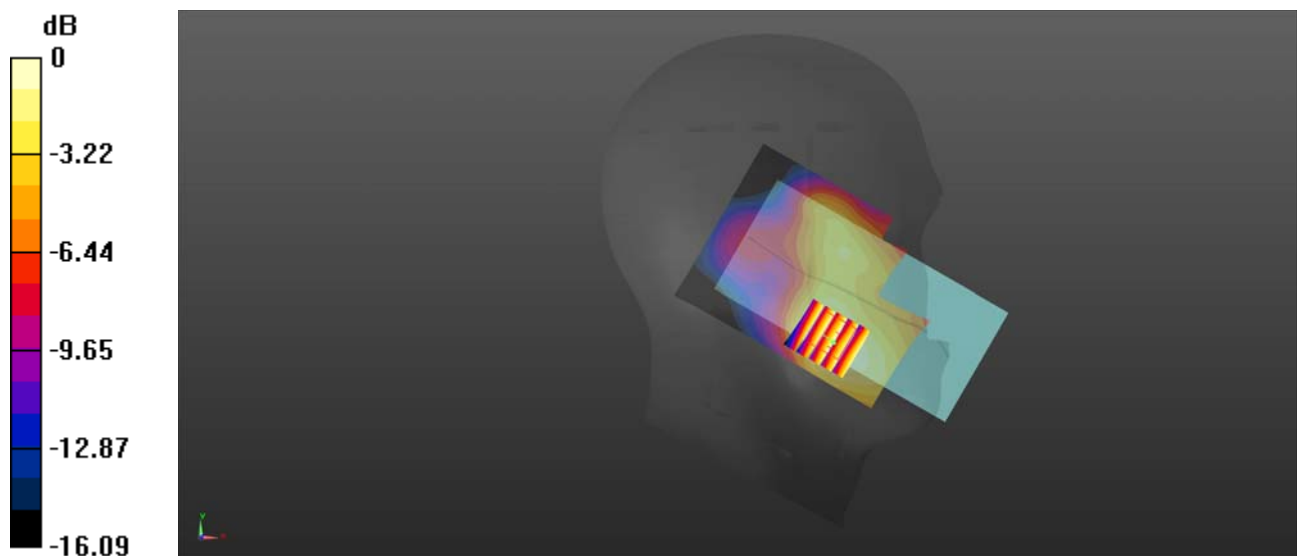
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### 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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1413/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.399 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.901 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.427 W/kg  
**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.196 W/kg**  
Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg

## WCDMA Band V\_RMC 12.2Kbps\_Right Cheek\_Ch4182

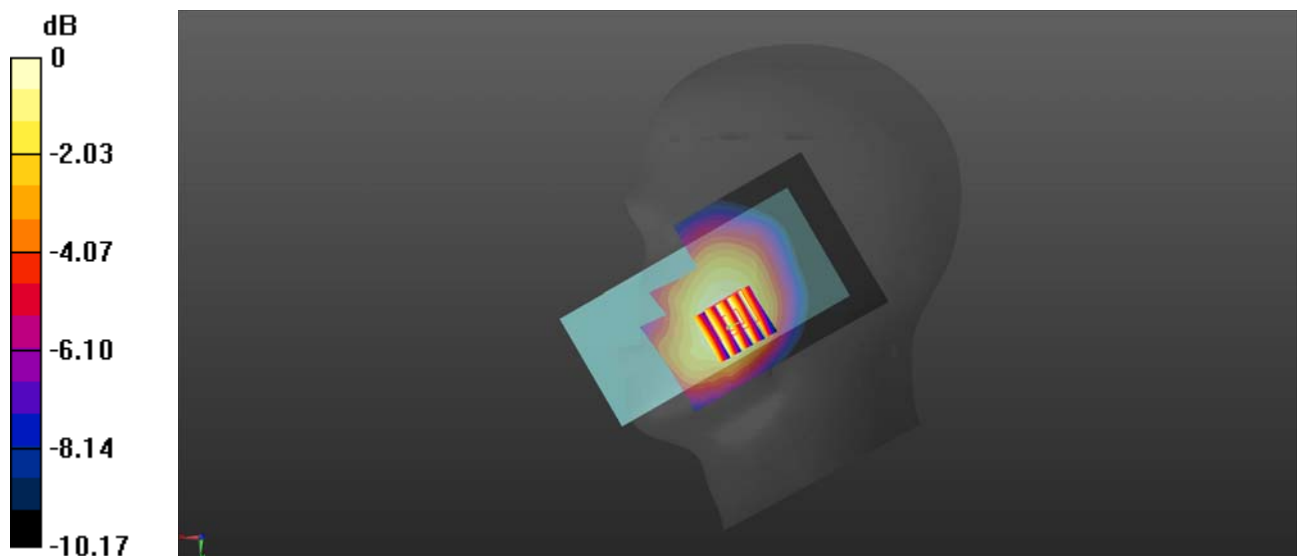
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.978$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 900 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch4182/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.466 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.045 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.486 W/kg  
**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.276 W/kg**  
Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 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;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch18900/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

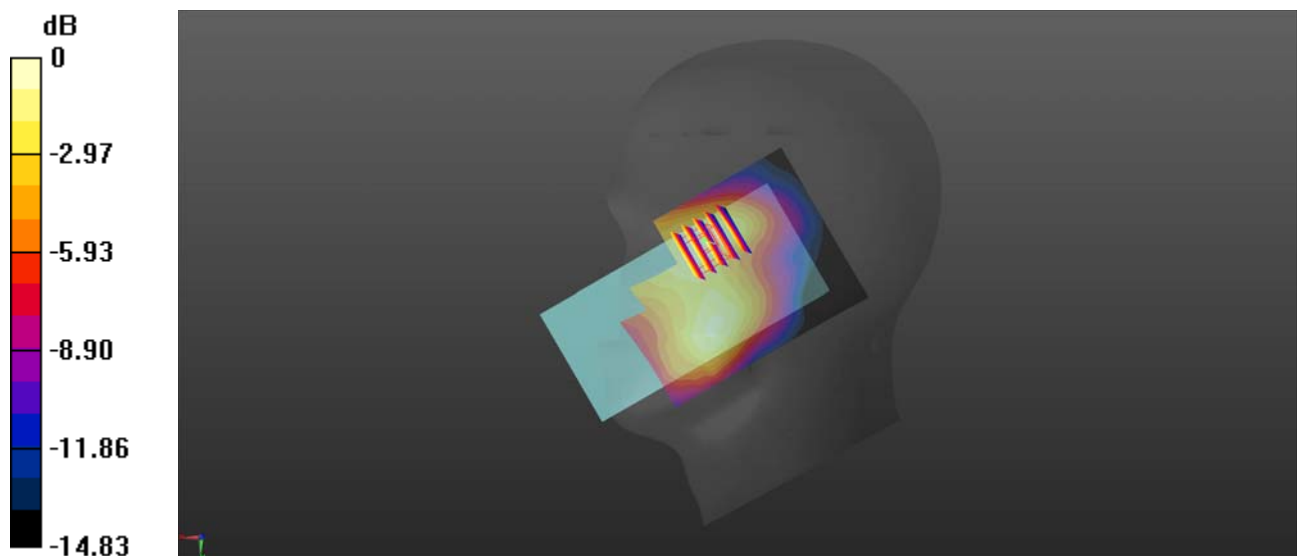
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.791 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.293 W/kg

**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg

## LTE Band 4\_20MHz\_QPSK\_1RB\_0Offset\_Left Cheek\_Ch20175

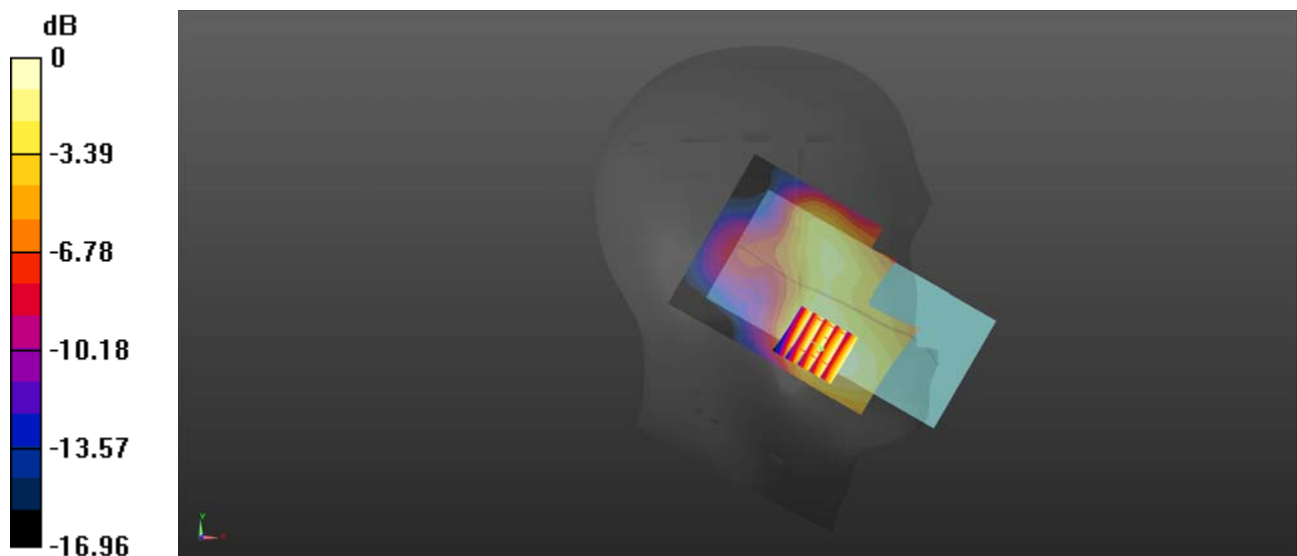
Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### 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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20175/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.347 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.880 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.397 W/kg  
**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.183 W/kg**  
Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.338 W/kg



## LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch20525

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

Medium: HSL\_900 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 900 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20525/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.369 W/kg

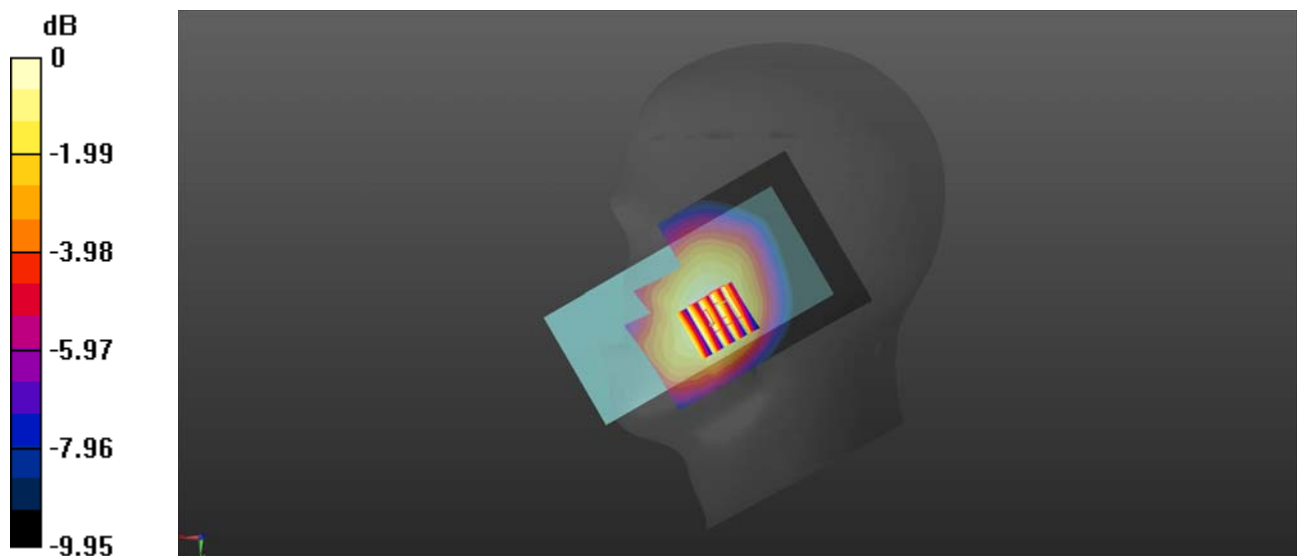
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.726 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.389 W/kg

**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg

## LTE Band 7\_20MHz\_QPSK\_1RB\_0Offset\_Right Tilt\_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 38.489$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.08, 7.08, 7.08) @ 2600 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch21100/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.310 W/kg

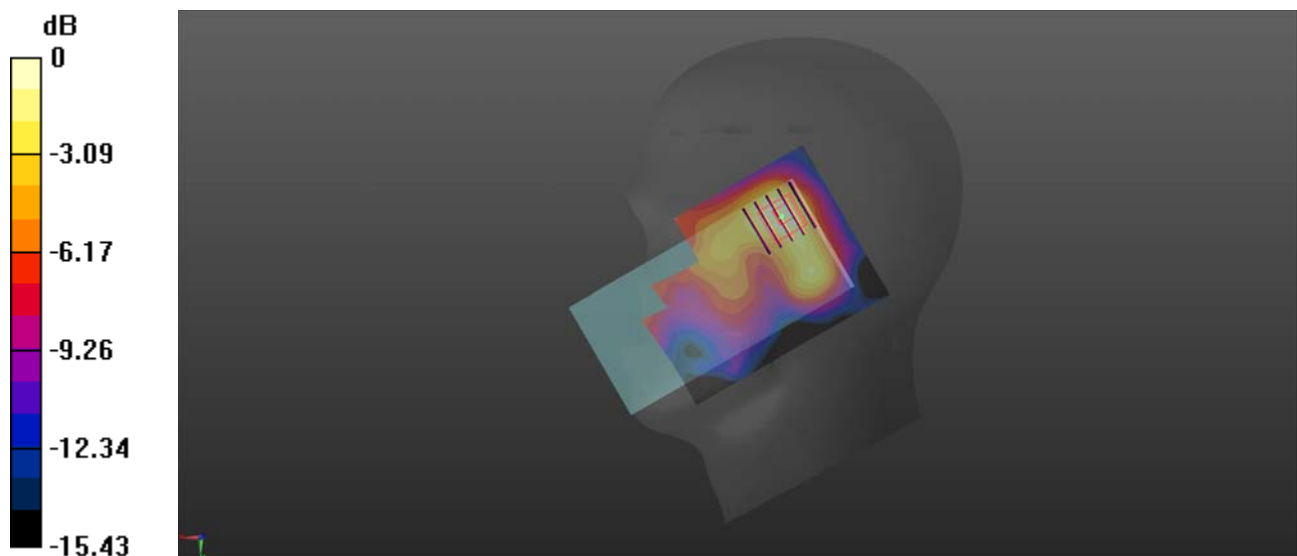
**Ch21100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.126 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.109 W/kg**

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



0 dB = 0.272 W/kg

## LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_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;  $\epsilon_r = 45.148$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23095/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.148 W/kg

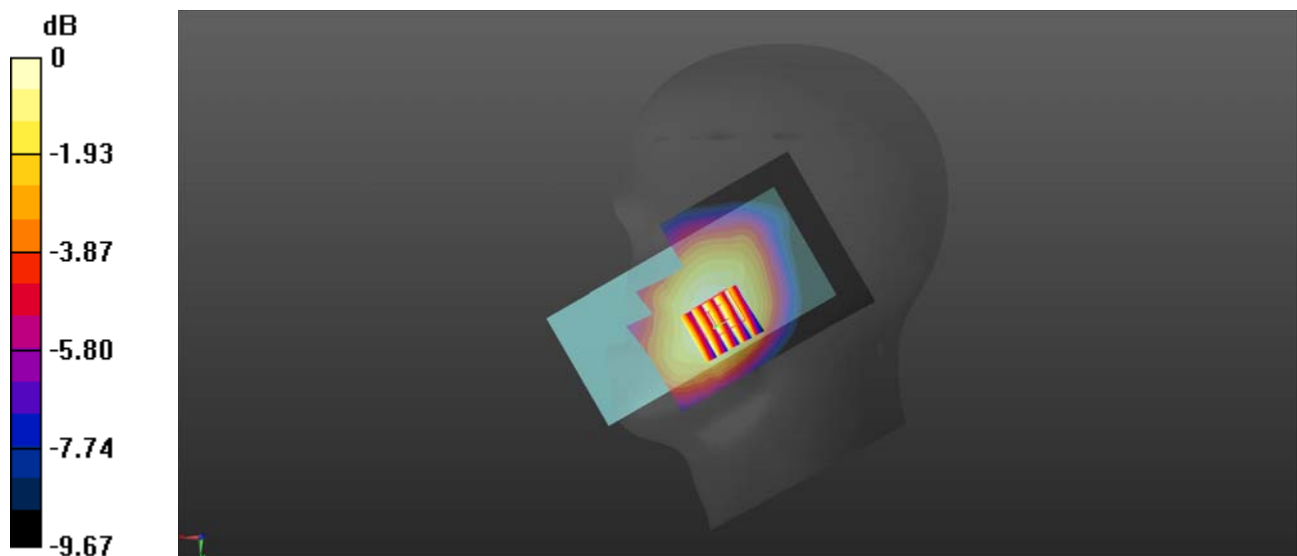
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.691 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.092 W/kg**

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



0 dB = 0.137 W/kg

## LTE Band 17\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23790

Communication System: UID 0, LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium: HSL\_750 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 44.742$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 710 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23790/Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

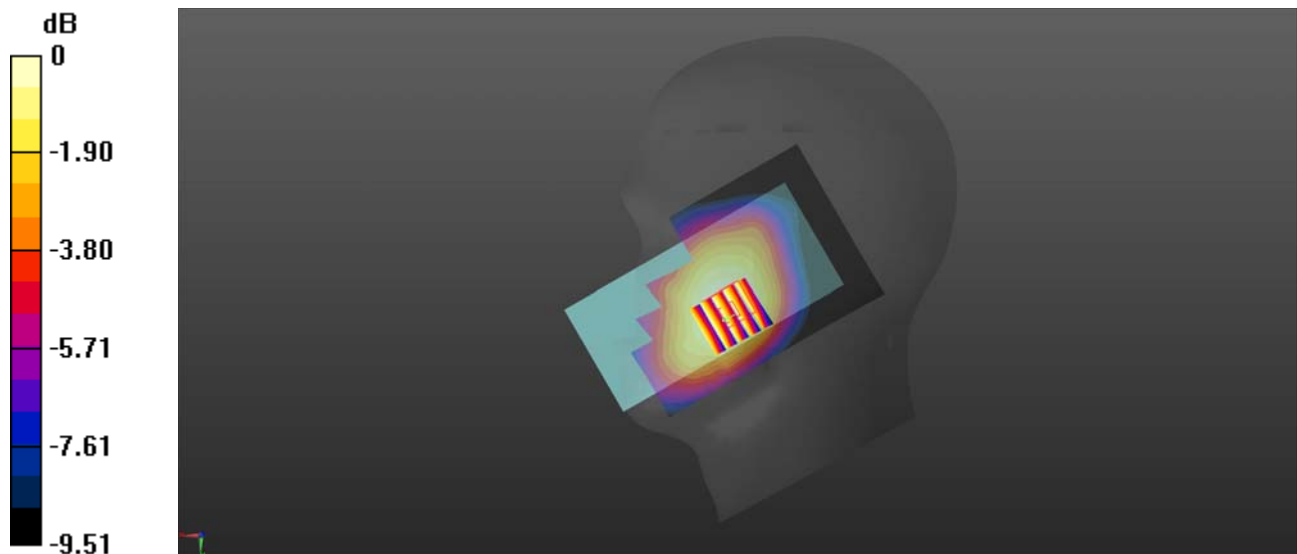
**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.213 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.092 W/kg**

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



0 dB = 0.137 W/kg

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

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

Medium: HSL\_1800 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 41.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch132322/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.366 W/kg

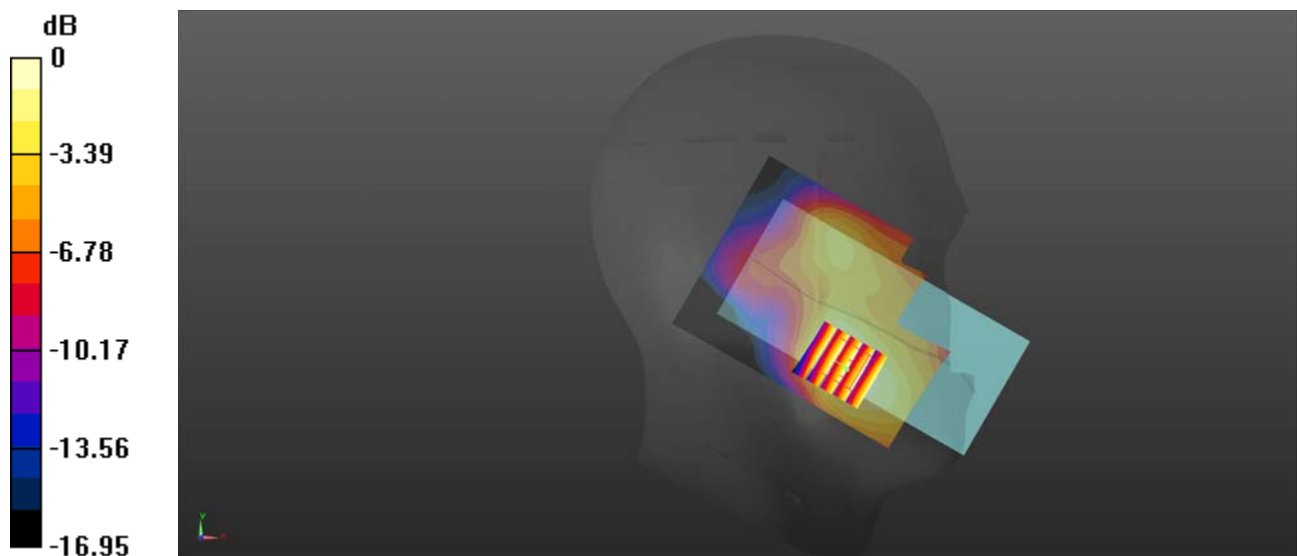
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.211 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.443 W/kg

**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg

## WLAN 2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch13

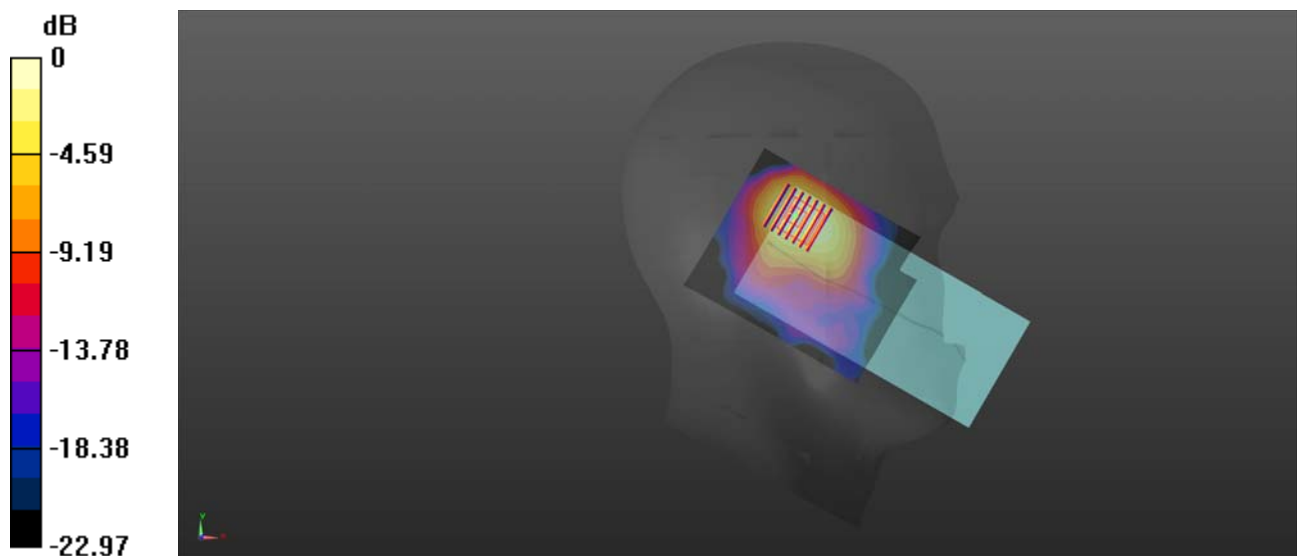
Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1.018  
Medium: HSL\_2450 Medium parameters used:  $f = 2472$  MHz;  $\sigma = 1.834$  S/m;  $\epsilon_r = 38.696$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2472 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch13/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.278 W/kg

**Ch13/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.150 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.380 W/kg  
**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.097 W/kg**  
Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg

## GSM850\_GPRS(3 TX slots)\_Back Side\_10mm\_Ch189

Communication System: UID 0, GSM850(class 11) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.978$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 900 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch189/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.479 W/kg

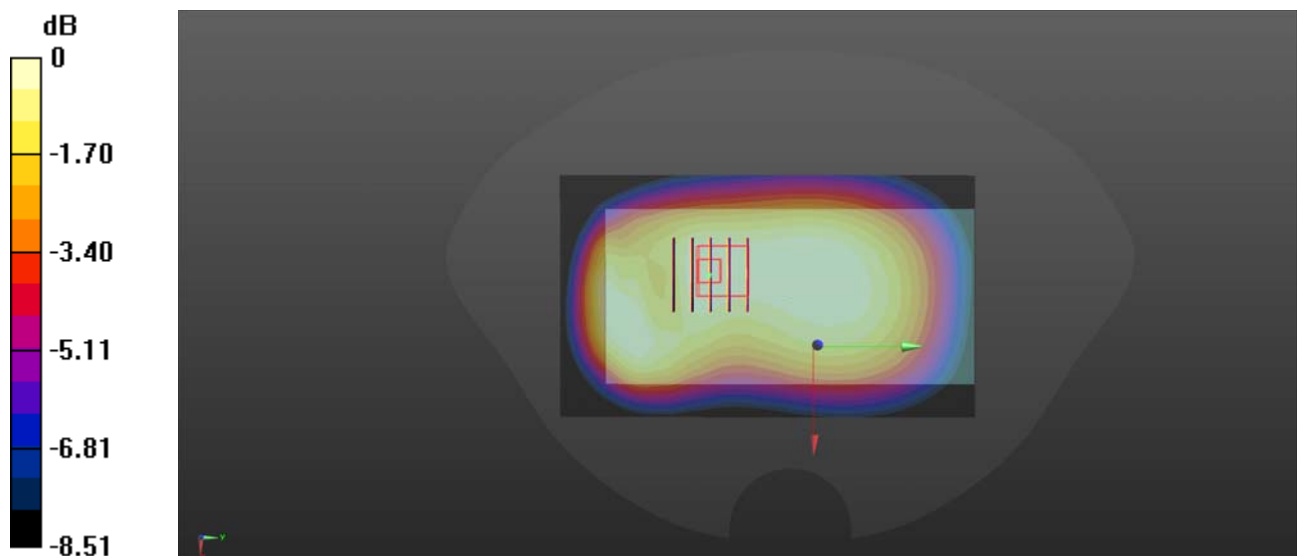
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.01 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.534 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.288 W/kg**

Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.461 W/kg

## GSM1900\_GPRS(3 TX slots)\_Back Side\_10mm\_Ch661

Communication System: UID 0, GSM1900(class 11) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch661/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.889 W/kg

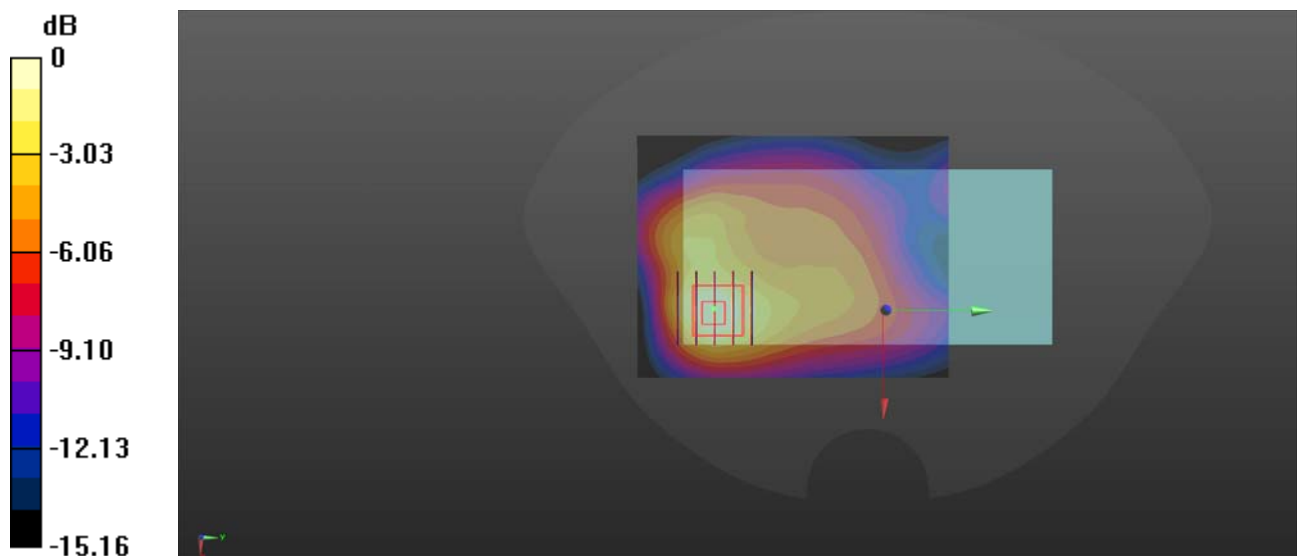
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.03 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.344 W/kg**

Maximum value of SAR (measured) = 0.827 W/kg



0 dB = 0.827 W/kg



## WCDMA Band II\_RMC 12.2Kbps\_Back Side\_10mm\_Ch9400

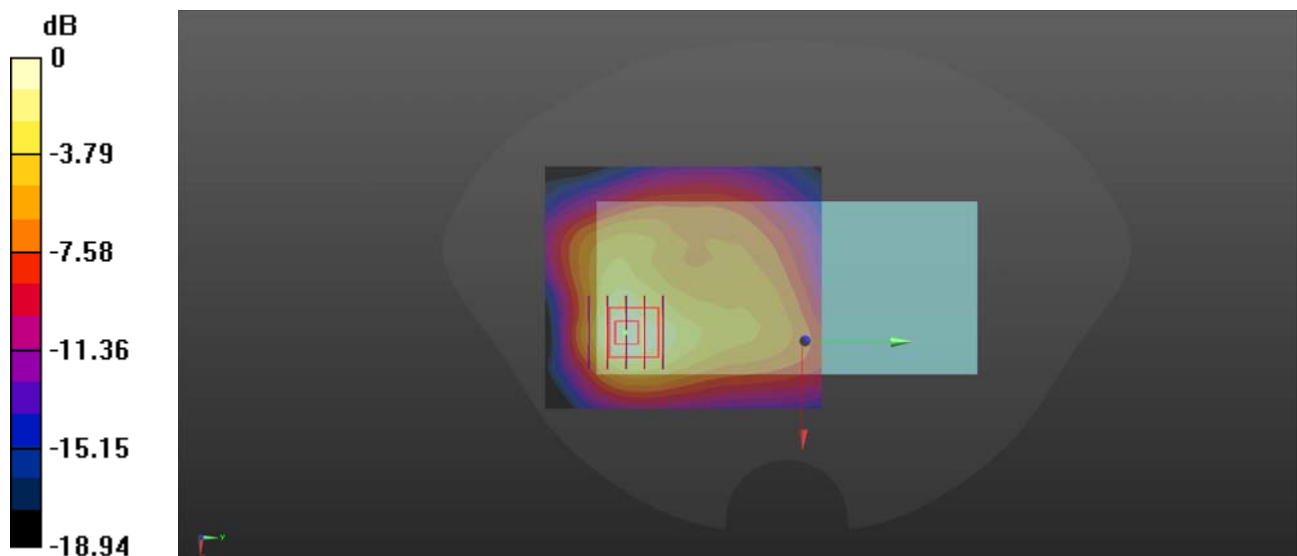
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### 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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9400/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.163 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.443 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.186 W/kg  
**SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.480 W/kg**  
Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg

## WCDMA Band IV\_RMC 12.2Kbps\_Back Side\_10mm\_Ch1413

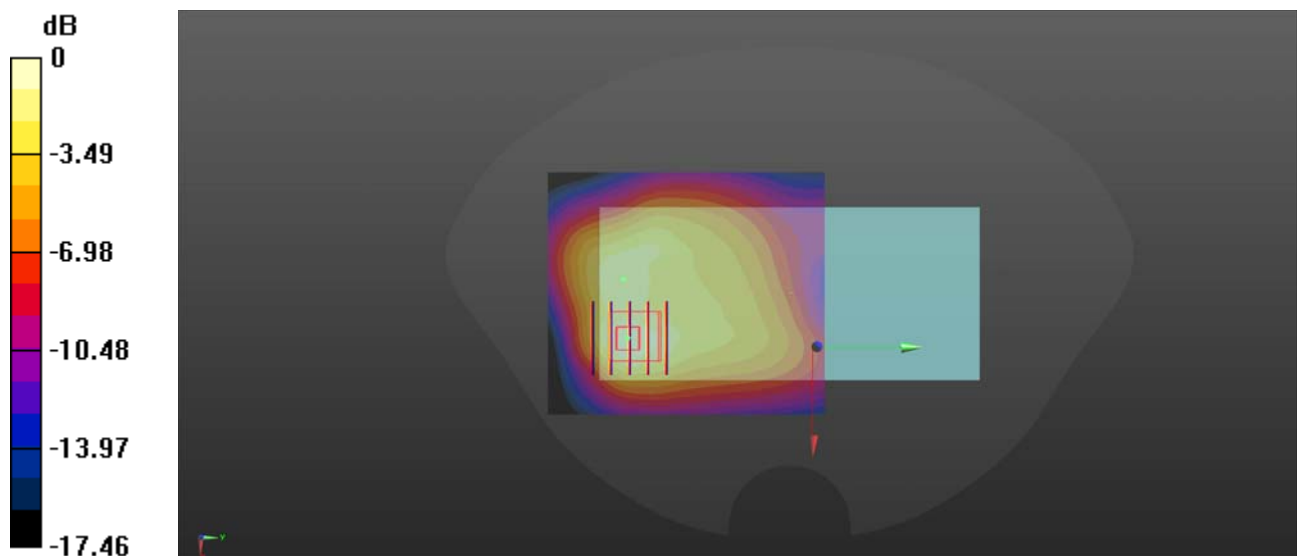
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1732.6 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1413/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.13 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.83 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.33 W/kg  
**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.450 W/kg**  
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

## WCDMA Band V\_RMC 12.2Kbps\_Back Side\_10mm\_Ch4182

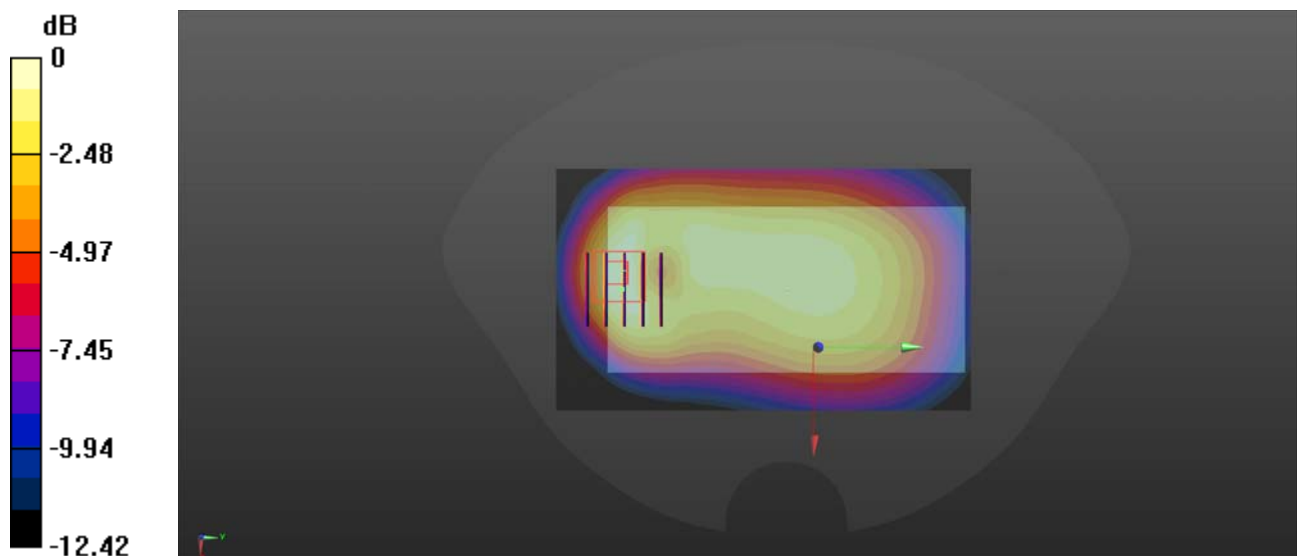
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.978$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 900 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.289 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.03 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.398 W/kg  
**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.246 W/kg**  
Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.305 W/kg

## LTE Band 2\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch18900

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

Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch18900/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

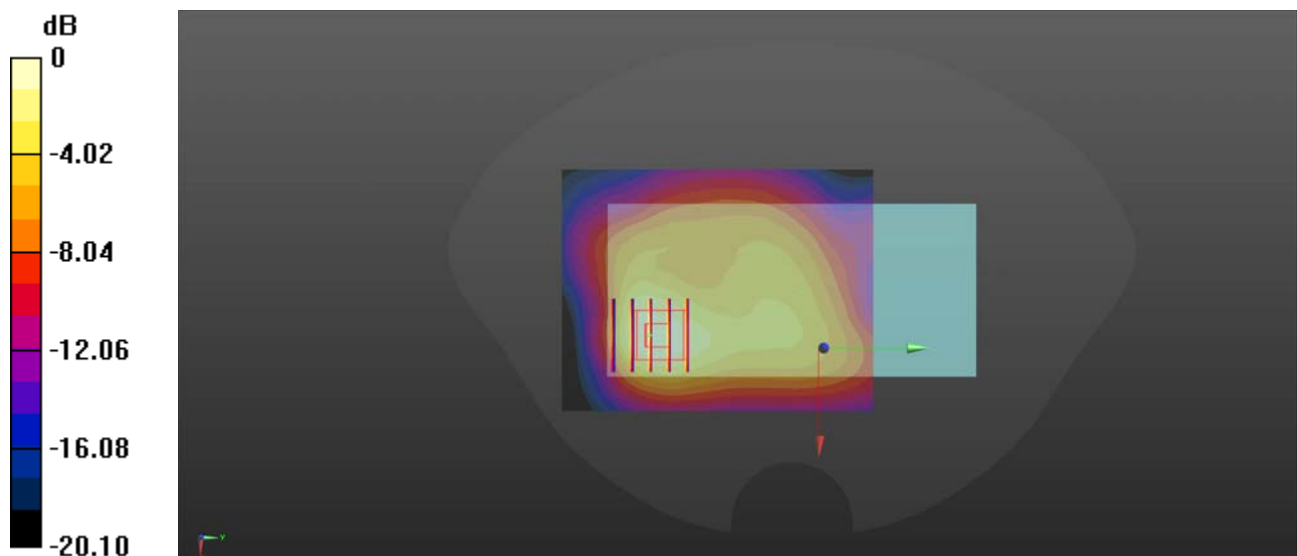
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.53 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.476 W/kg**

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



0 dB = 1.16 W/kg

## LTE Band 4\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch20175

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.26, 8.26, 8.26) @ 1732.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20175/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

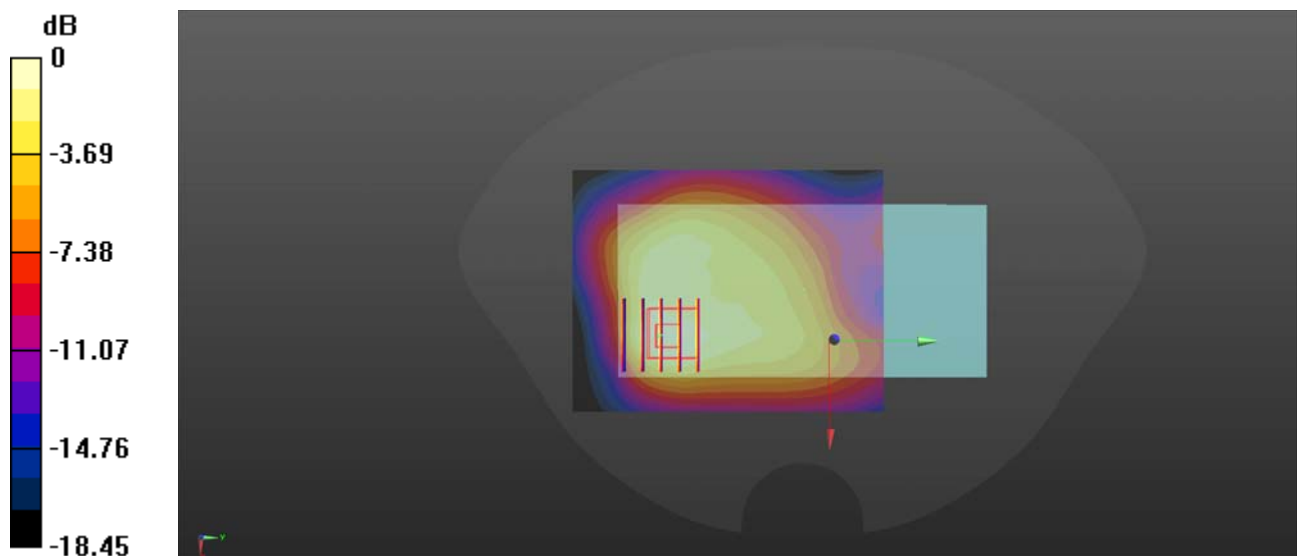
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.420 W/kg**

Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984 W/kg

## LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch20525

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

Medium: HSL\_900 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.81, 9.81, 9.81) @ 836.5 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20525/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.448 W/kg

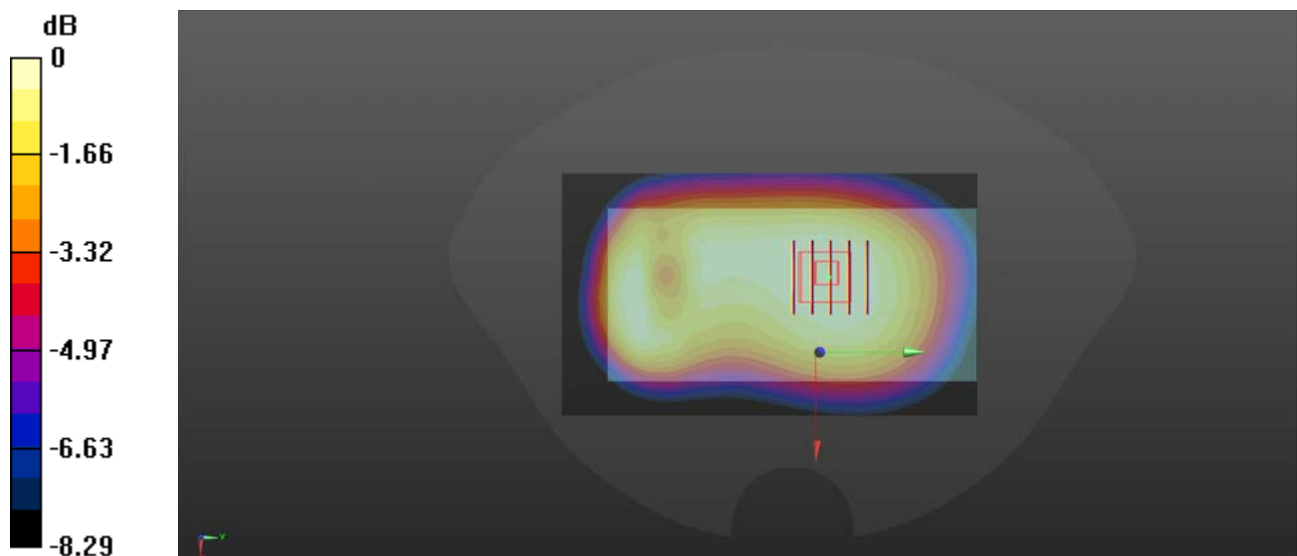
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.04 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.491 W/kg

**SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.286 W/kg**

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



0 dB = 0.438 W/kg

## LTE Band 7\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 38.489$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2535 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch21100/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.66 W/kg

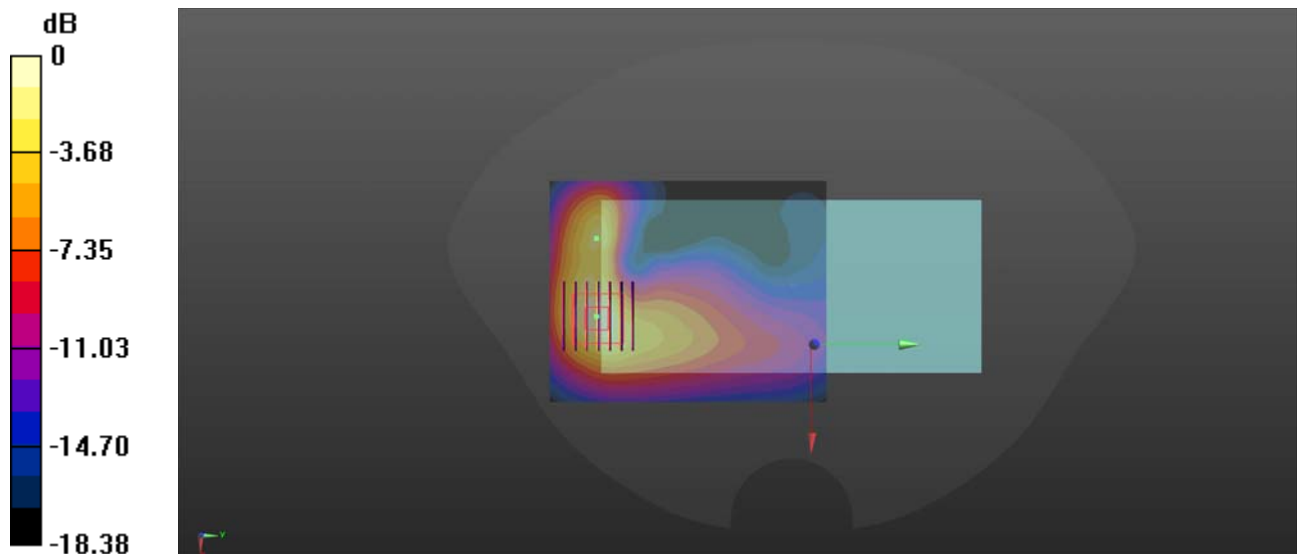
**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.127 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.67 W/kg

**SAR(1 g) = 0.983 W/kg; SAR(10 g) = 0.470 W/kg**

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg

## LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_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;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23095/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

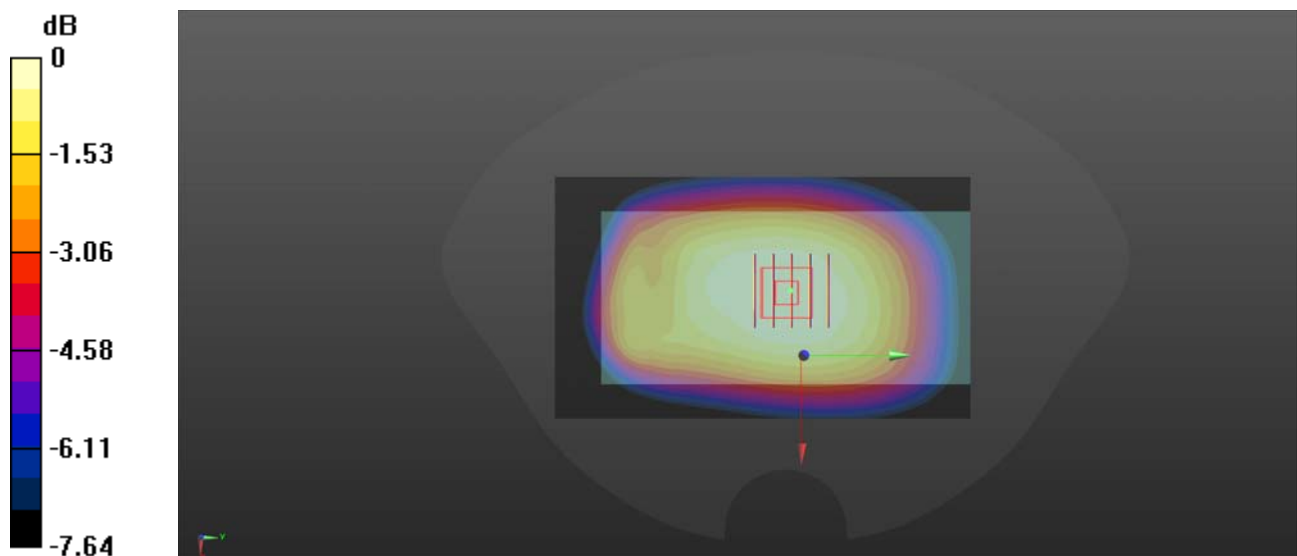
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.07 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.243 W/kg**

Maximum value of SAR (measured) = 0.364 W/kg



0 dB = 0.364 W/kg



## LTE Band 17\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch23790

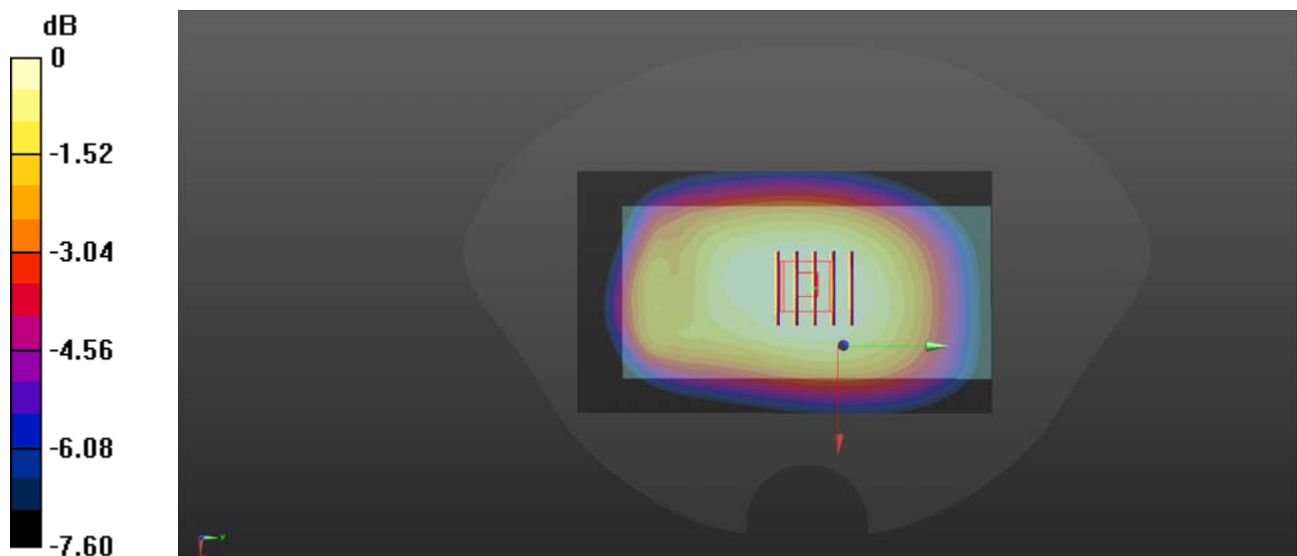
Communication System: UID 0, LTE (0); Frequency: 710 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.85$  S/m;  $\epsilon_r = 44.742$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.2, 10.2, 10.2) @ 710 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23790/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.378 W/kg

**Ch23790/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.47 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.406 W/kg  
**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.246 W/kg**  
Maximum value of SAR (measured) = 0.367 W/kg



0 dB = 0.367 W/kg

## LTE Band 66\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch132322

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

Medium: HSL\_1800 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 41.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch132322/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

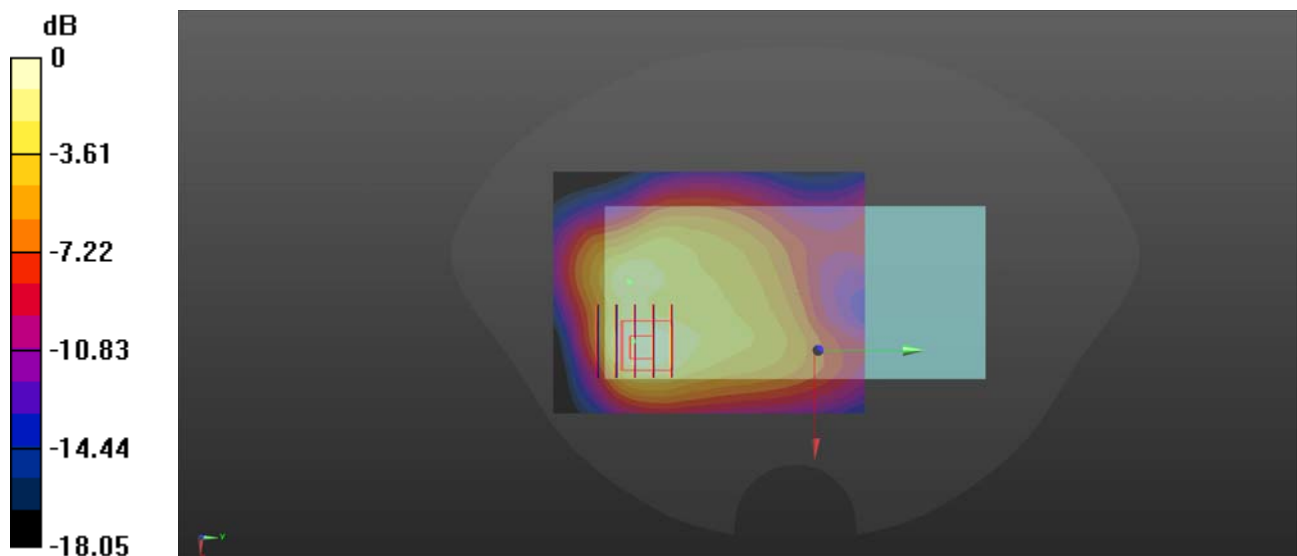
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.62 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.503 W/kg**

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg

## WLAN 2.4GHz\_802.11b 1Mbps\_Back Side\_10mm\_Ch13

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1.018  
Medium: HSL\_2450 Medium parameters used:  $f = 2472$  MHz;  $\sigma = 1.834$  S/m;  $\epsilon_r = 38.696$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2472 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch13/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0669 W/kg

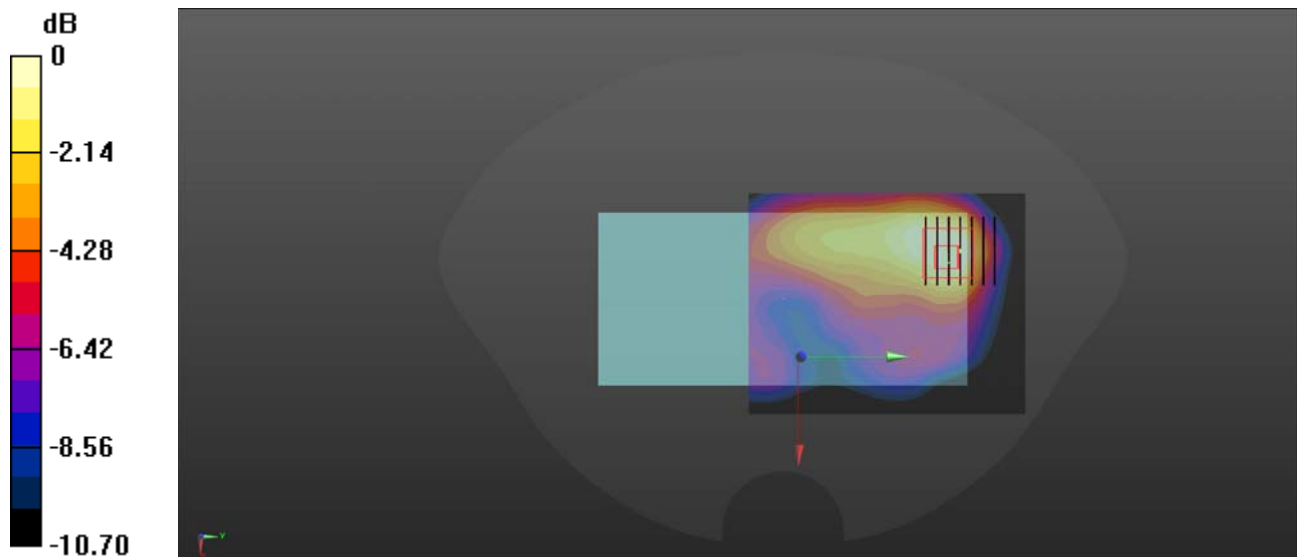
**Ch13/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.582 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0910 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.0626 W/kg



0 dB = 0.0626 W/kg