



REPORT No.: SZ21110383S01

## Annex D Plots of Maximum SAR Test Results

## GSM850\_GPRS(2 TX slots)\_Right Cheek\_Ch189\_ANT 1

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15  
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 : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.91, 8.91, 8.91) @ 836.4 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.639 W/kg

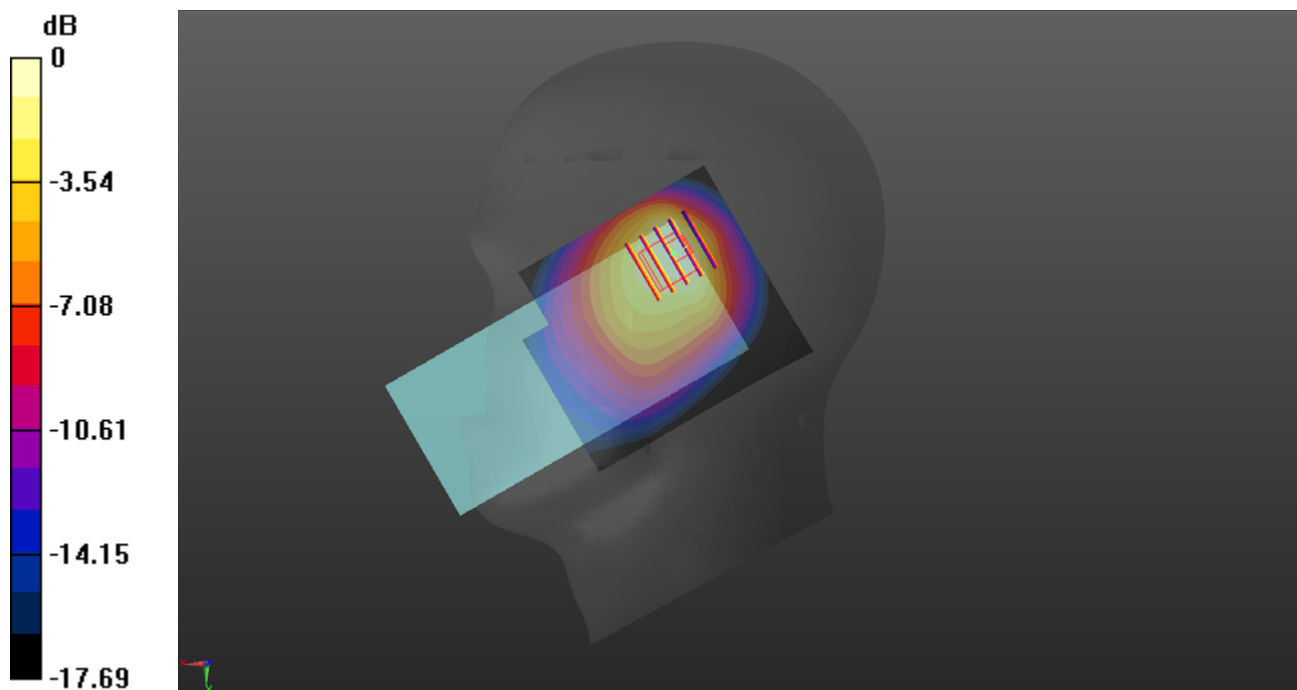
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.09 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.824 W/kg

**SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.558 W/kg



0 dB = 0.558 W/kg

## GSM1900\_GPRS(3 TX slots)\_Right Cheek\_Ch661\_ANT 1

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 - SN3753; ConvF(7.88, 7.88, 7.88) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.966 W/kg

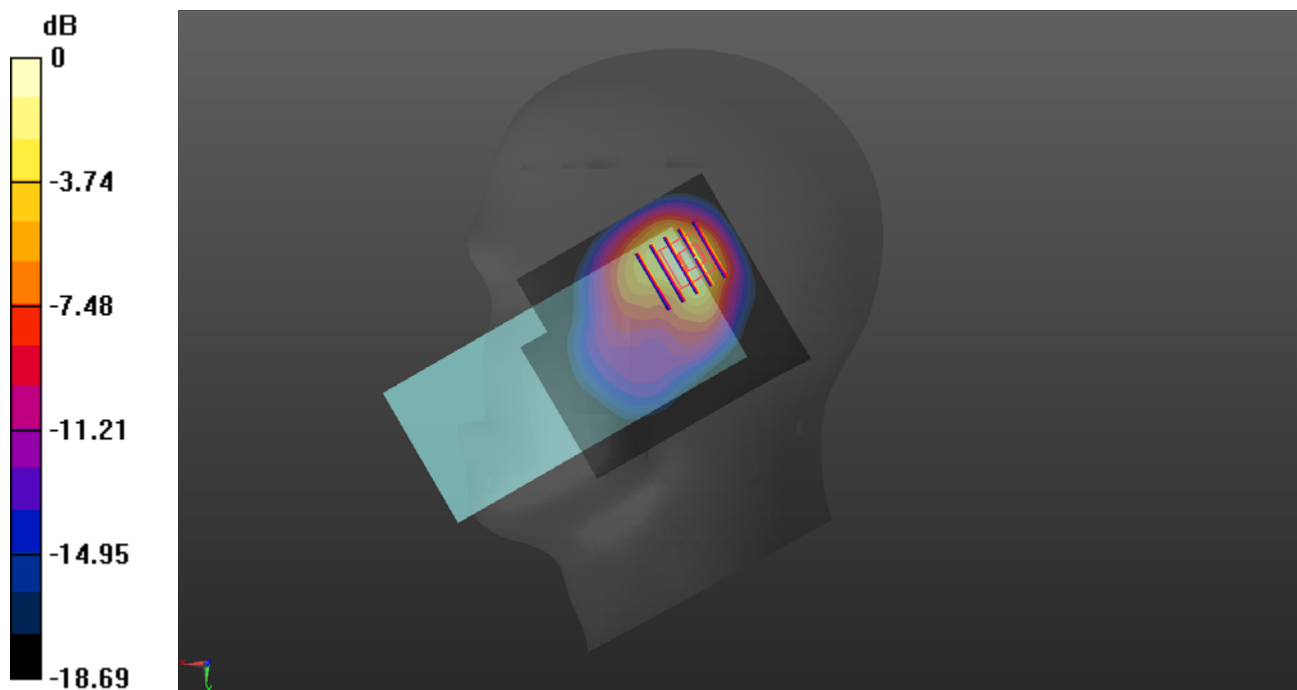
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.51 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.315 W/kg**

Maximum value of SAR (measured) = 0.961 W/kg



0 dB = 0.961 W/kg

## WCDMA Band II\_RMC 12.2Kbps\_Right Cheek\_Ch9400\_ANT 1

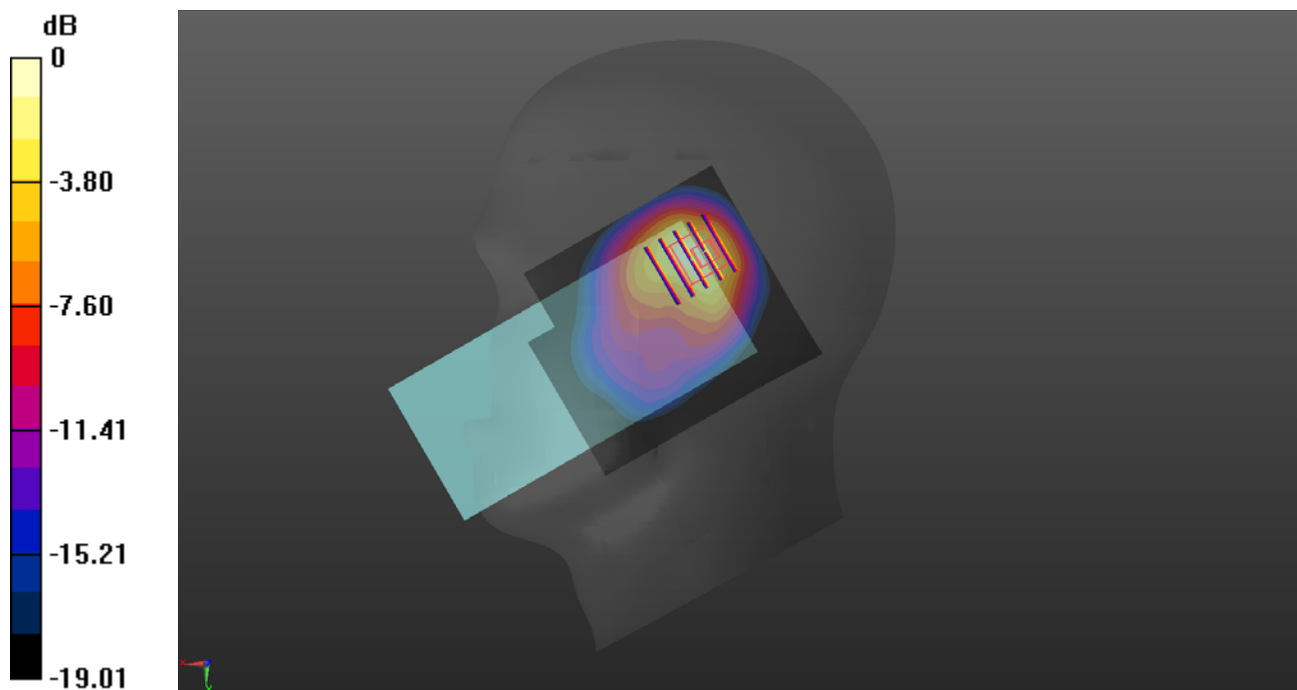
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.88, 7.88, 7.88) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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) = 1.08 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.16 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.423 W/kg**  
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg

## WCDMA Band IV\_RMC 12.2Kbps\_Right Cheek\_Ch1413\_ANT 1

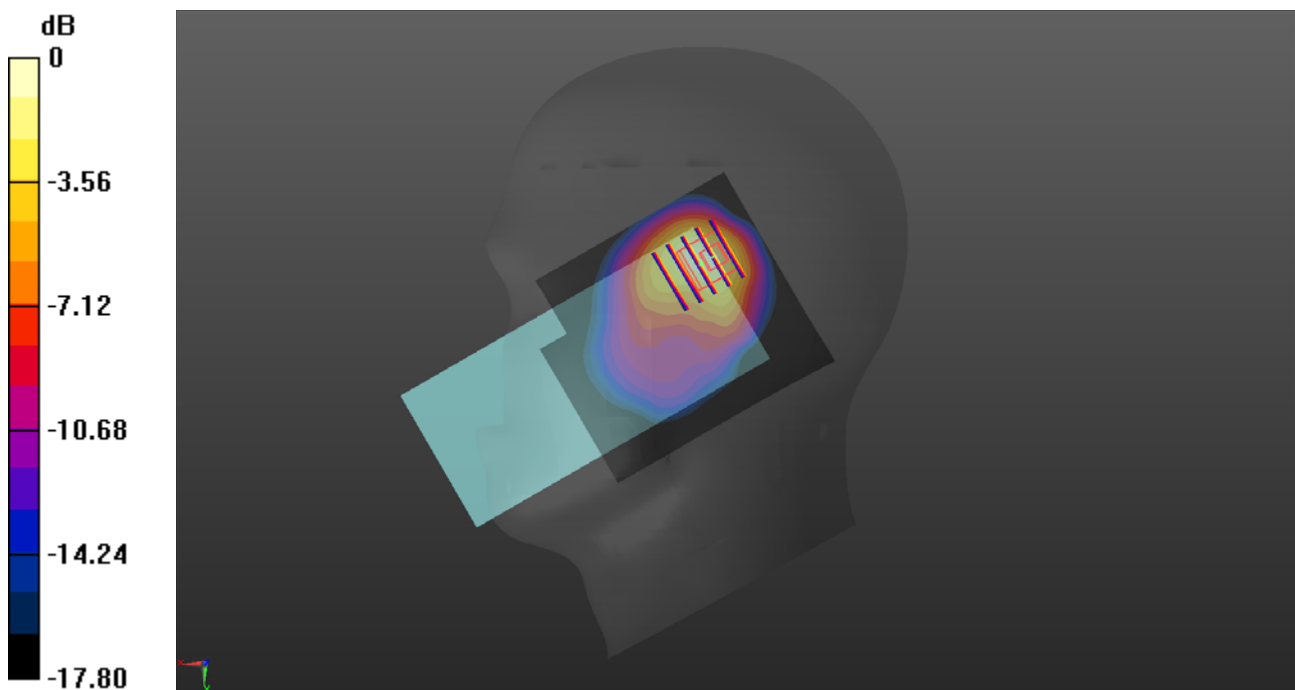
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1732.6 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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) = 0.598 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.15 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.859 W/kg  
**SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.221 W/kg**  
Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg

## WCDMA Band V\_RMC 12.2Kbps\_Right Cheek\_Ch4182\_ANT 1

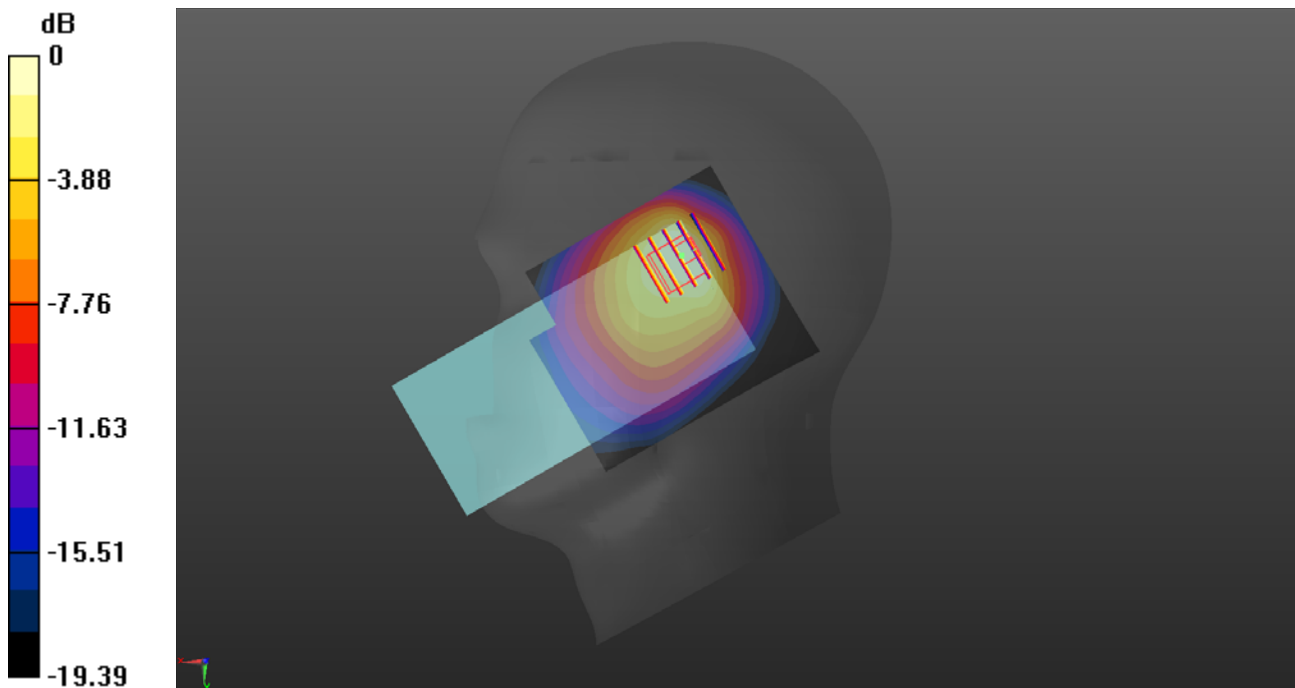
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.978$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF( : .93, : .93, : .93) @ 836.4 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.779 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.43 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.950 W/kg  
**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.253 W/kg**  
Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg

## LTE Band 2\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch18900\_ANT 1

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 - SN3753; ConvF(7.88, 7.88, 7.88) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.721 W/kg

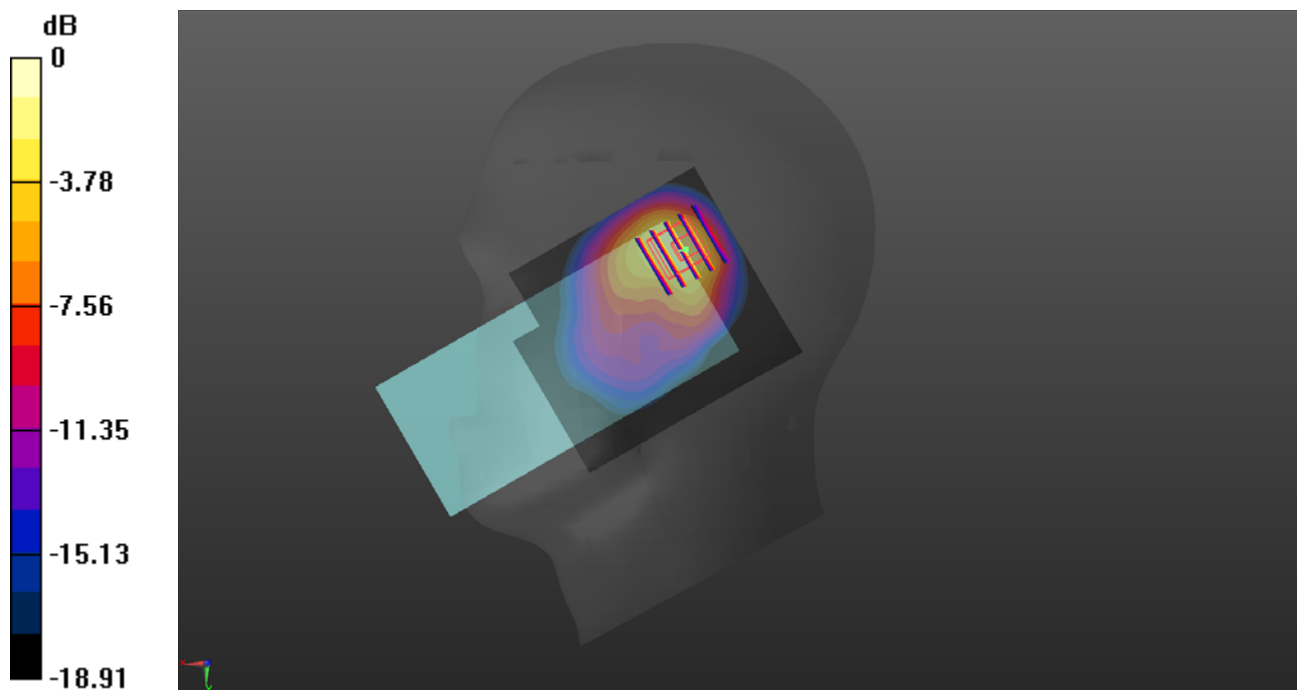
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.21 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.304 W/kg**

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



0 dB = 1.01 W/kg

## LTE Band 4\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch20175\_ANT 1

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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1732.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.615 W/kg

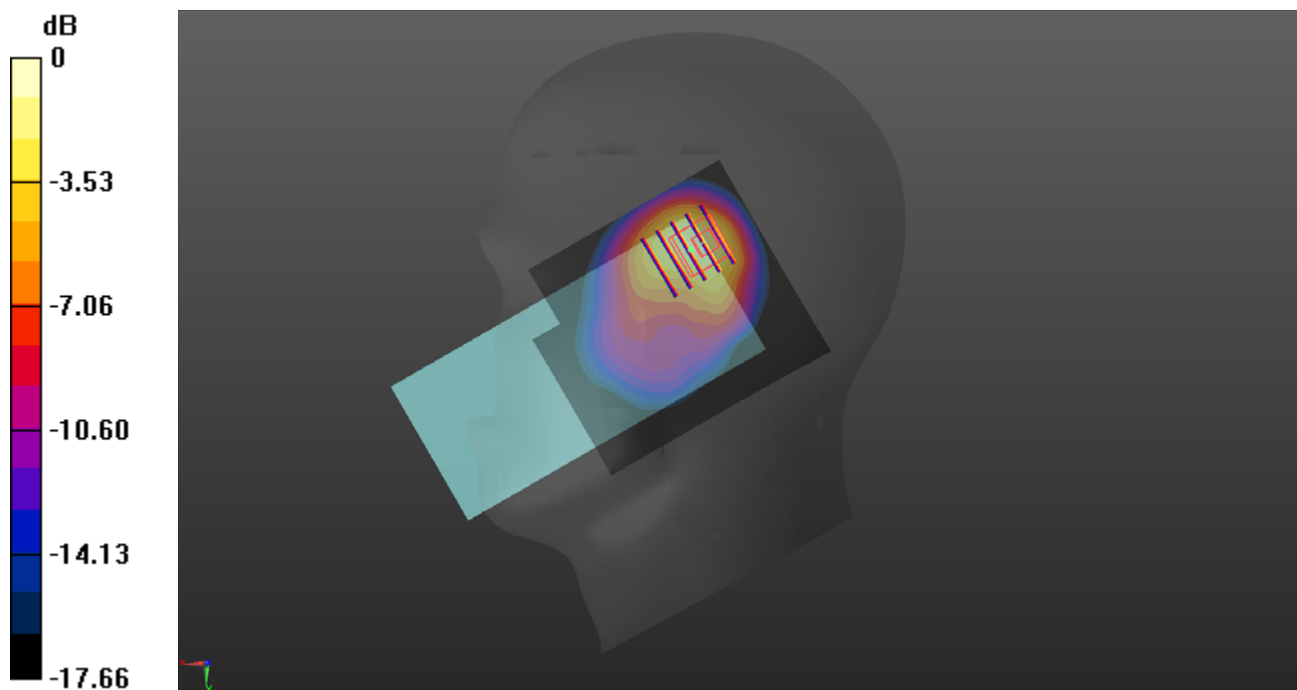
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.03 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.986 W/kg

**SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.252 W/kg**

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg



## LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch20525\_ANT 1

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 : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF( : .93, : .93, : .93) @ 836.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.528 W/kg

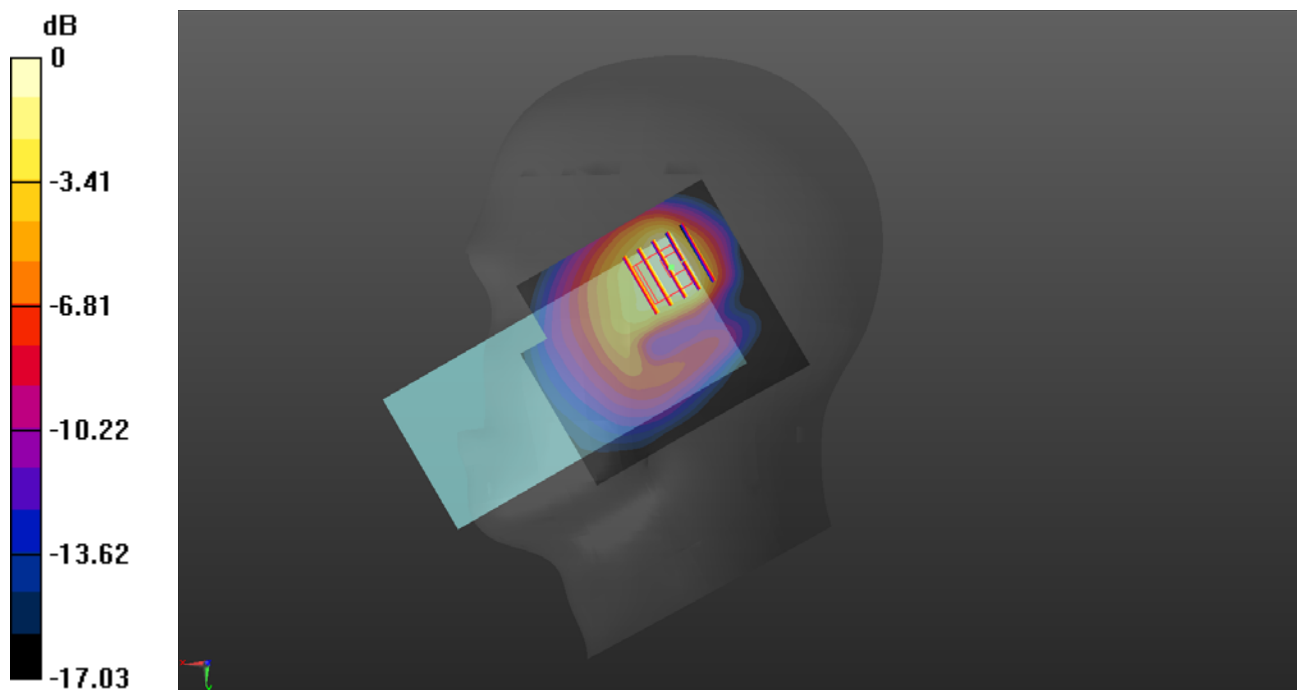
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.79 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.697 W/kg

**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.203 W/kg**

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



0 dB = 0.458 W/kg

## LTE Band 7\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch21100\_ANT 1

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 : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2535 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

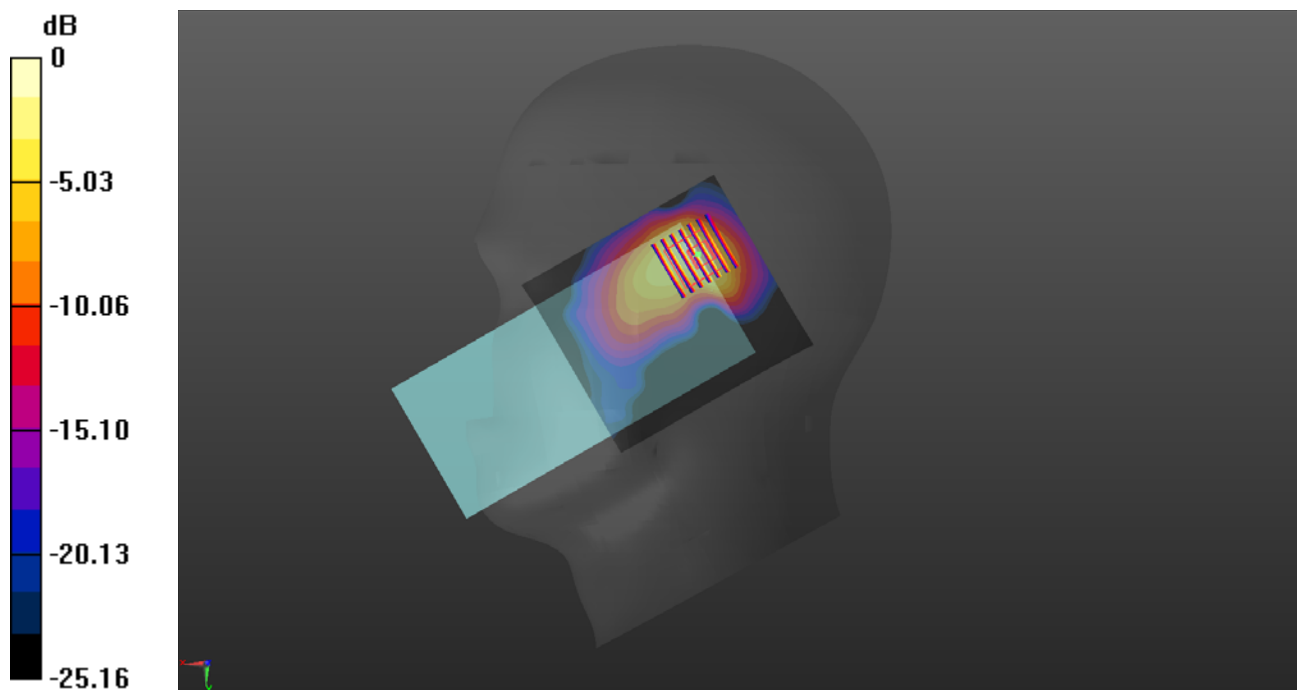
**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.511 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.946 W/kg



0 dB = 0.946 W/kg

## LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23095\_ANT 1

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 : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.41, 9.41, 9.41) @ 707.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

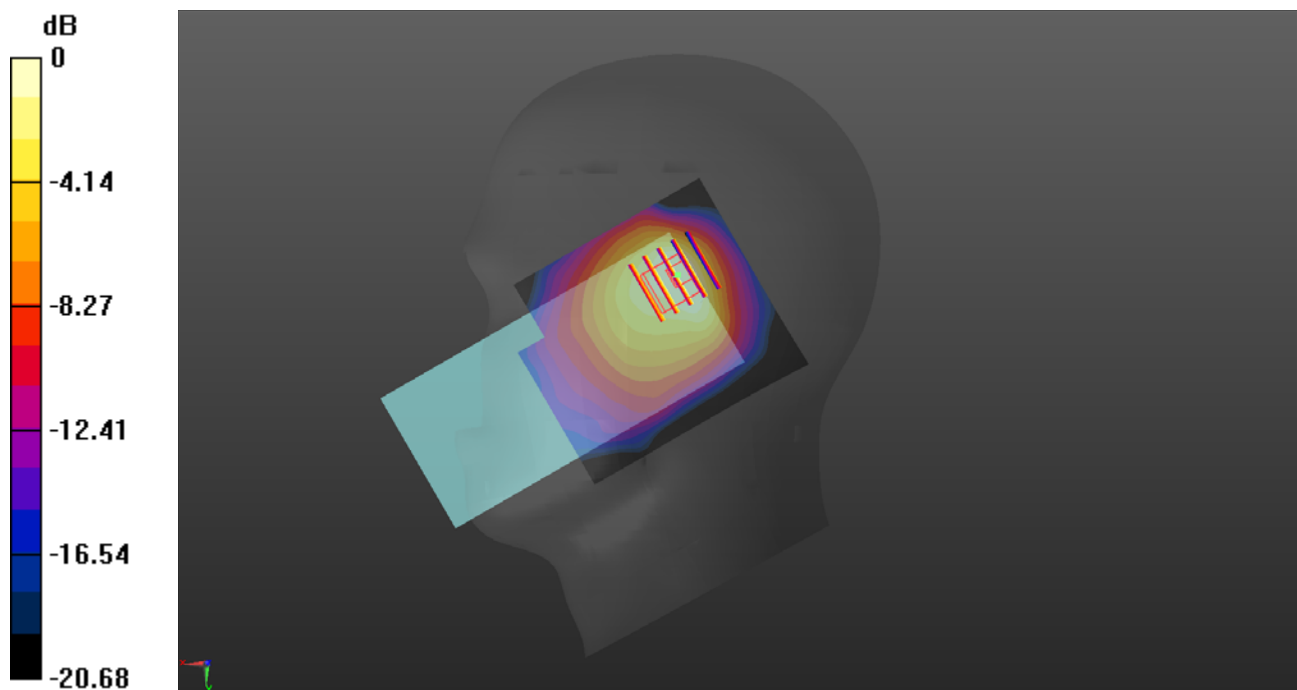
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.982 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.079 W/kg**

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg

## LTE Band 26\_15MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch26865\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL\_900 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 42.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF( : .93, : .93, : .93) @ 831.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch26865/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.577 W/kg

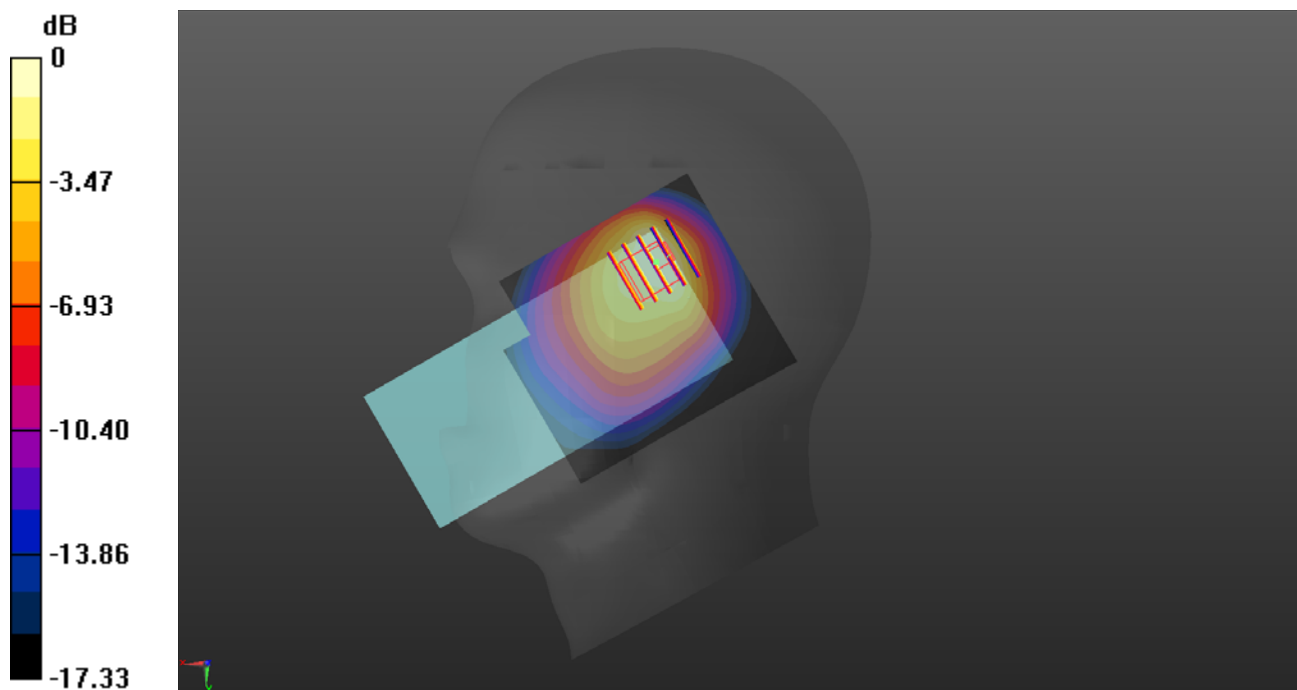
**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.44 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.759 W/kg

**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg

## LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch38000\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 38.287$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38000/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.55 W/kg

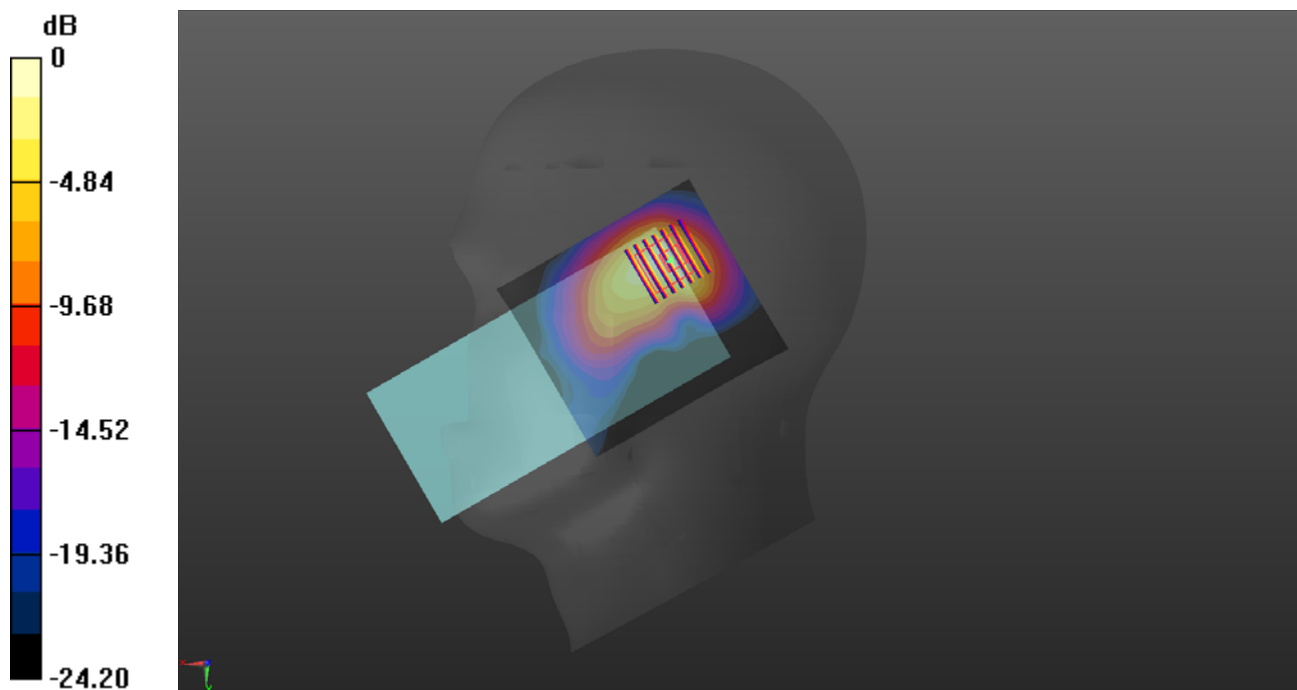
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.389 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.366 W/kg**

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



0 dB = 1.31 W/kg

## LTE Band 40B\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch39200\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2355$  MHz;  $\sigma = 1.709$  S/m;  $\epsilon_r = 39.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.5, 7.5, 7.5) @ 2355 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch39200/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.686 W/kg

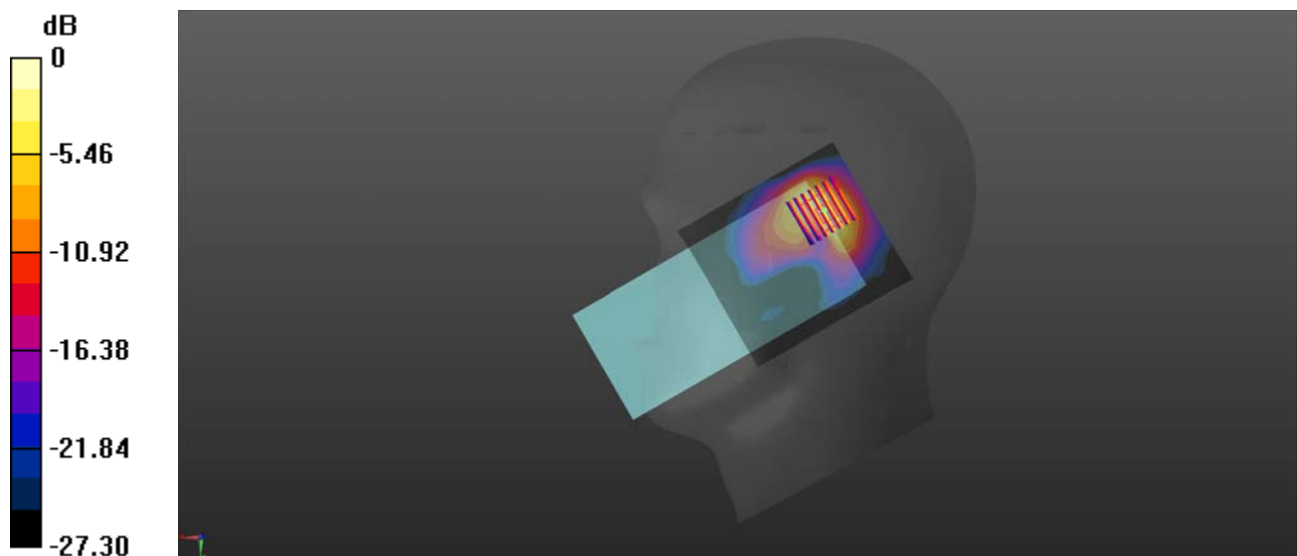
**Ch39200/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.509 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.986 W/kg

**SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.692 W/kg

## LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch40640\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 38.287$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch40640/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

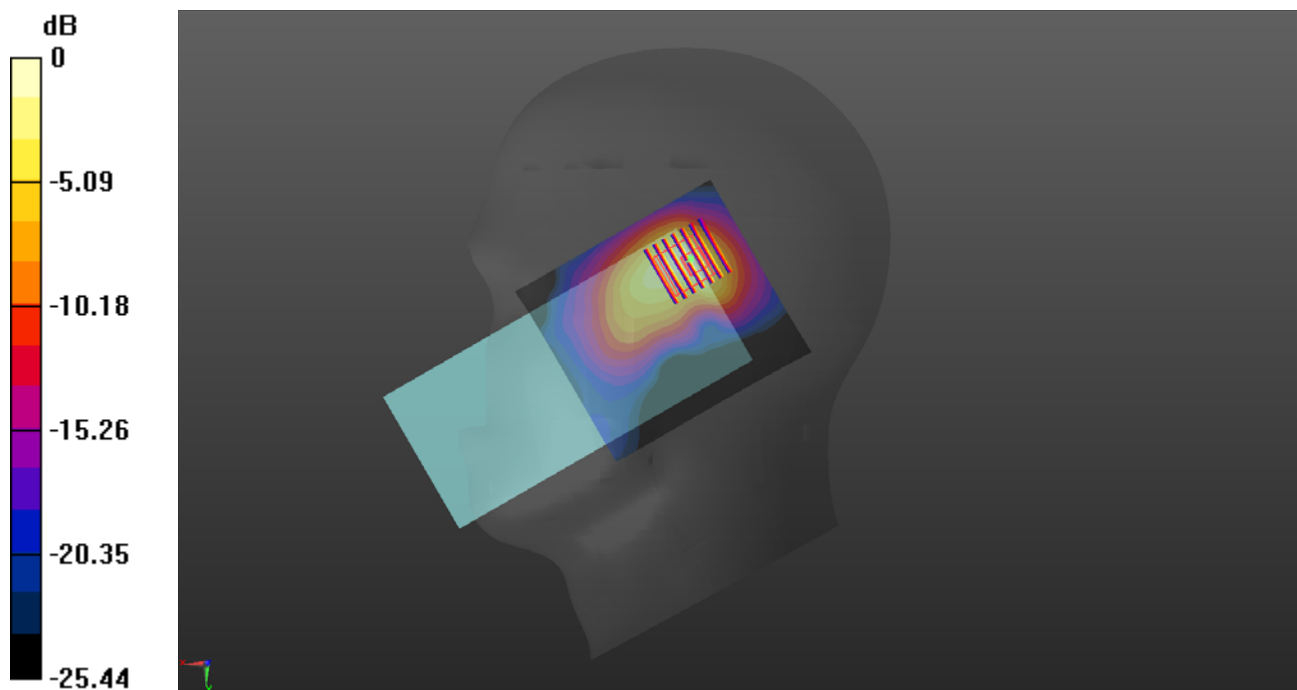
**Ch40640/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.256 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.327 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

## LTE Band 66\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch132322\_ANT 1

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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1745 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.610 W/kg

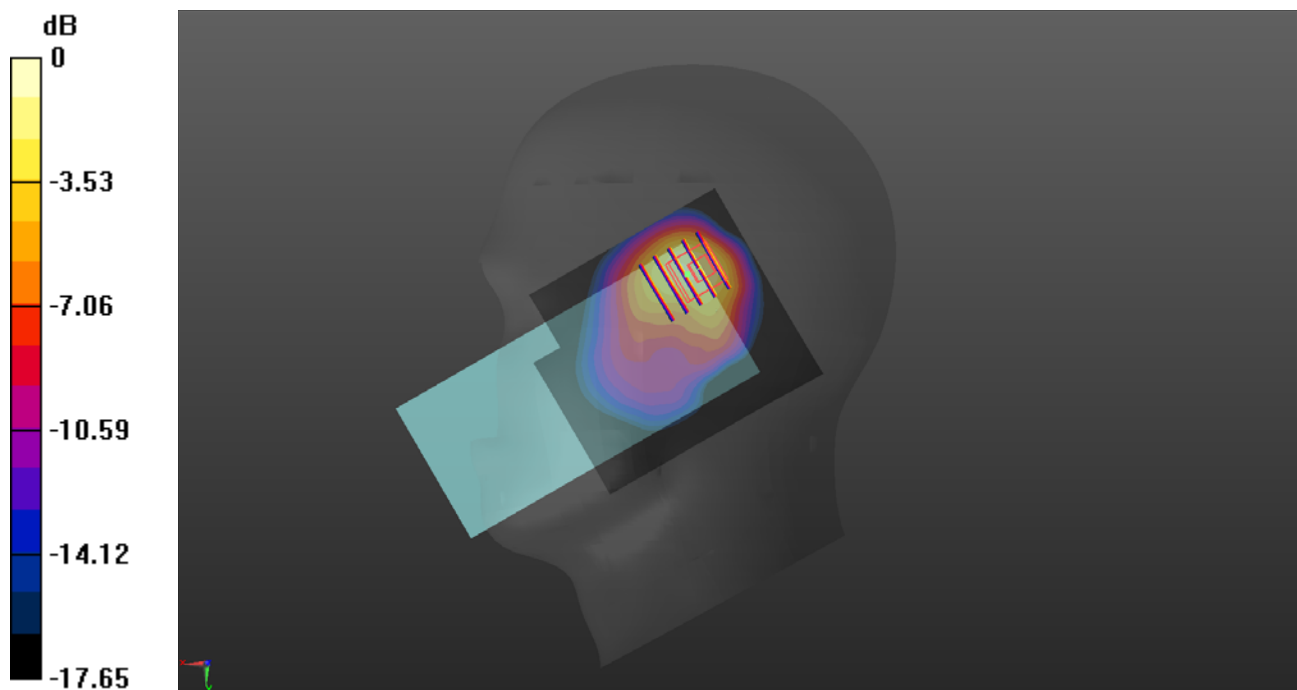
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.64 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.995 W/kg

**SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 0.780 W/kg



0 dB = 0.780 W/kg



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

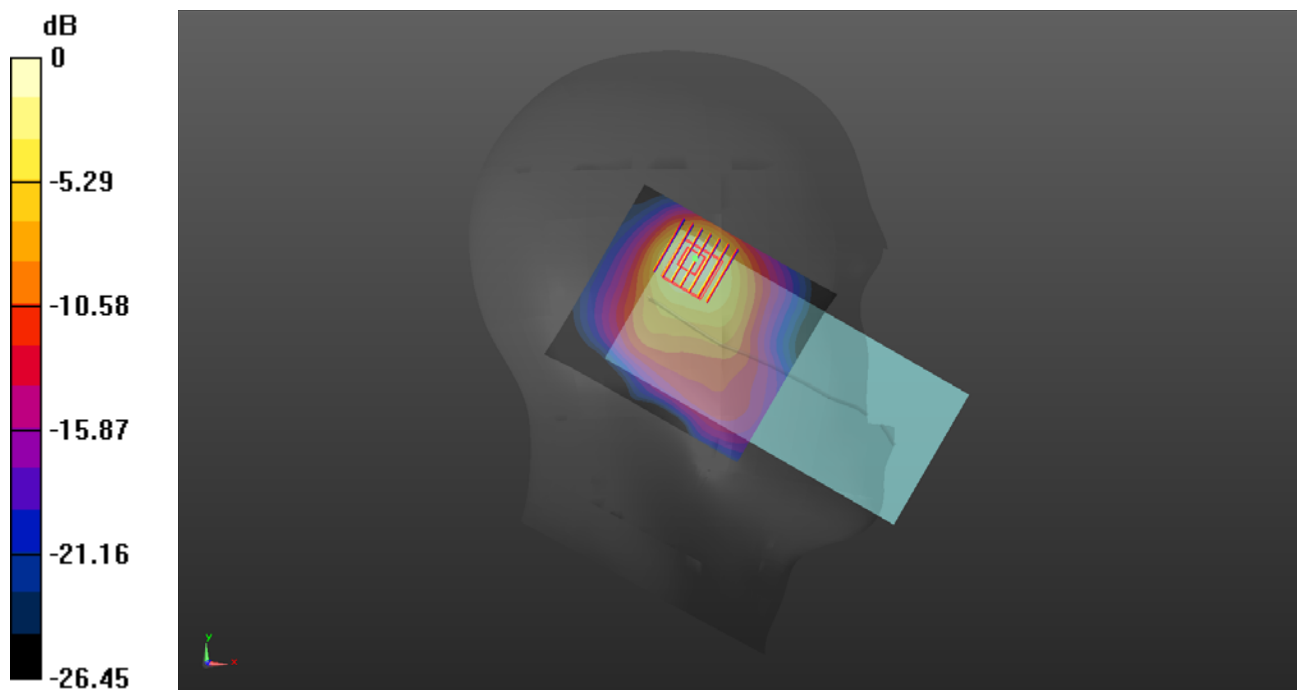
Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.012  
Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.762$  S/m;  $\epsilon_r = 38.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.22, 7.22, 7.22) @ 2412 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.83 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 11.53 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 2.37 W/kg  
**SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.365 W/kg**  
Maximum value of SAR (measured) = 1.70 W/kg



0 dB = 1.70 W/kg

## WLAN 5.2GHz\_802.11a 6Mbps\_Left Cheek\_Ch48

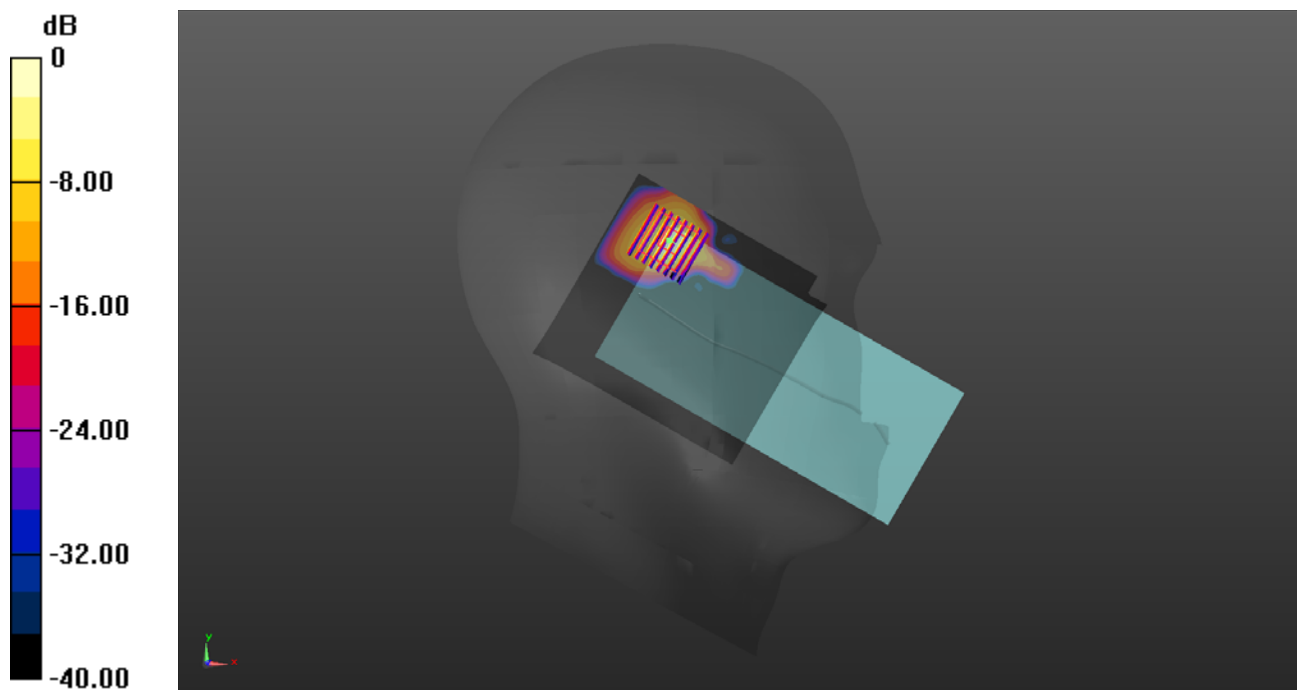
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.098  
Medium: HSL\_5250 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.685$  S/m;  $\epsilon_r = 36.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5240 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch48/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.67 W/kg

**Ch48/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 3.24 W/kg  
**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.200 W/kg**  
Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg

## WLAN 5.3GHz\_802.11a 6Mbps\_Left Cheek\_Ch60

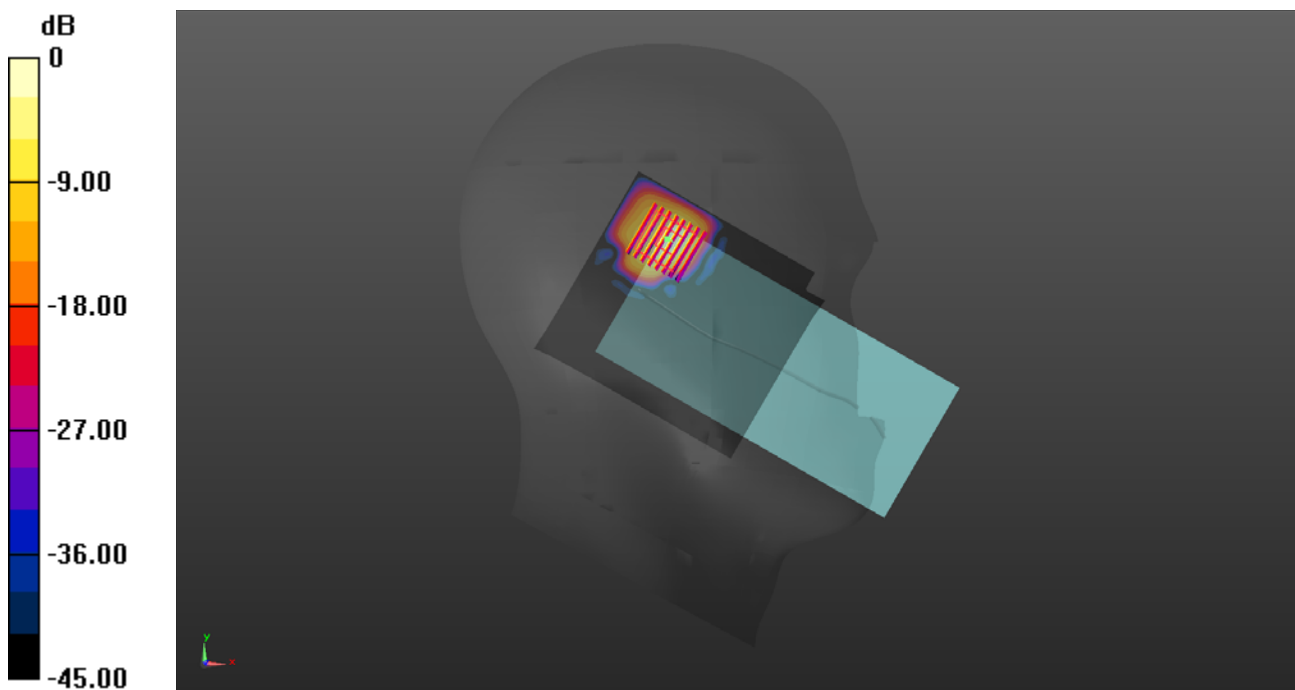
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1.098  
Medium: HSL\_5250 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 35.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5300 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch60/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.34 W/kg

**Ch60/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 2.54 W/kg  
**SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.163 W/kg**  
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg

## WLAN 5.5GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch126

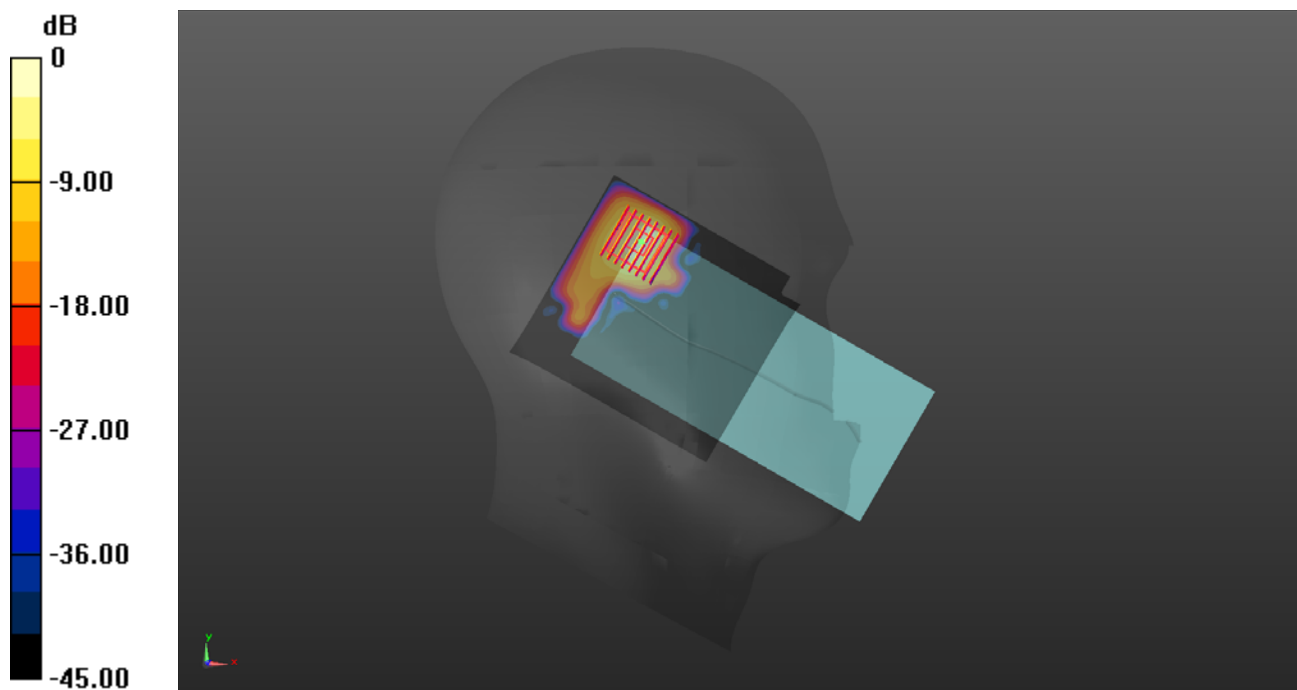
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5630 MHz;Duty Cycle: 1:1.127  
Medium: HSL\_5600 Medium parameters used:  $f = 5630$  MHz;  $\sigma = 5.155$  S/m;  $\epsilon_r = 35.391$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.42, 4.42, 4.42) @ 5630 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch126/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.31 W/kg

**Ch126/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 2.64 W/kg  
**SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.157 W/kg**  
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

## WLAN 5.8GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch151

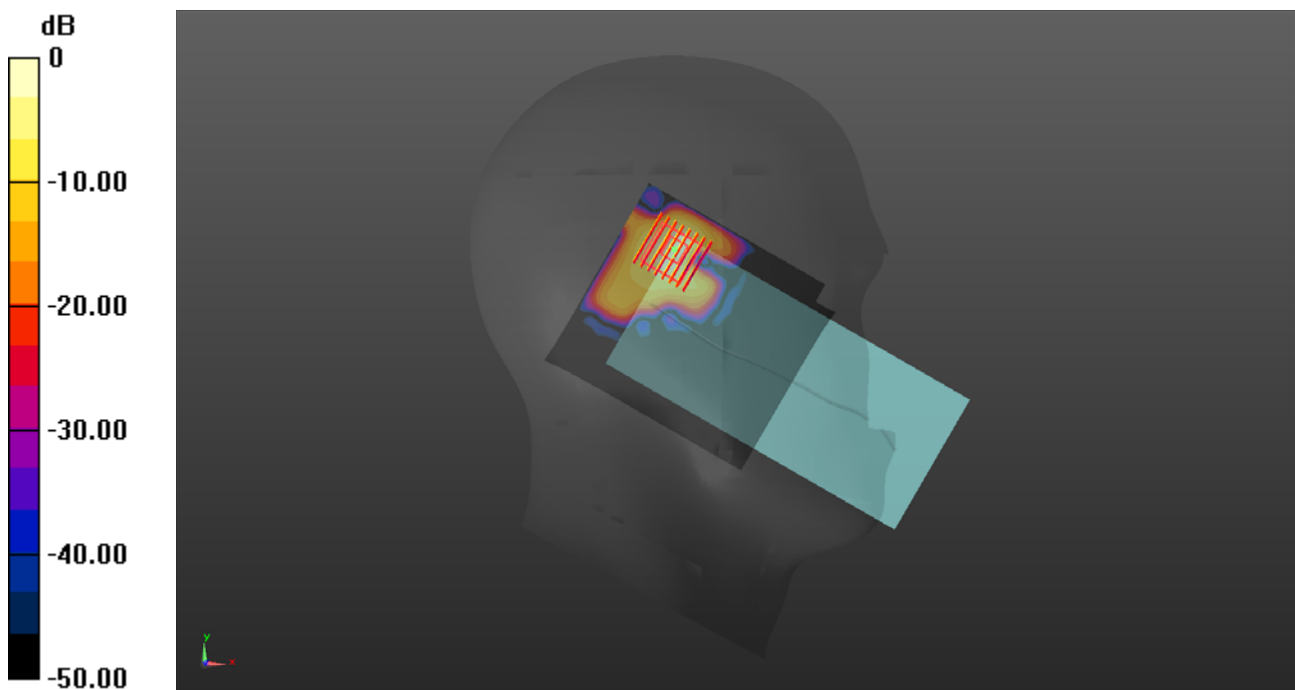
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz; Duty Cycle: 1:1.127  
Medium: HSL\_5750 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.306$  S/m;  $\epsilon_r = 35.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### 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 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch151/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.39 W/kg

**Ch151/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0.5800 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 2.10 W/kg  
**SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.152 W/kg**  
Maximum value of SAR (measured) = 0.955 W/kg



0 dB = 0.955 W/kg

## GSM850\_GPRS(2 TX slots)\_Back Side\_10mm\_Ch189\_ANT 0

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15  
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 : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(: ; 3, : ; 3, : ; 3) @ 836.4 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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) = 0.315 W/kg

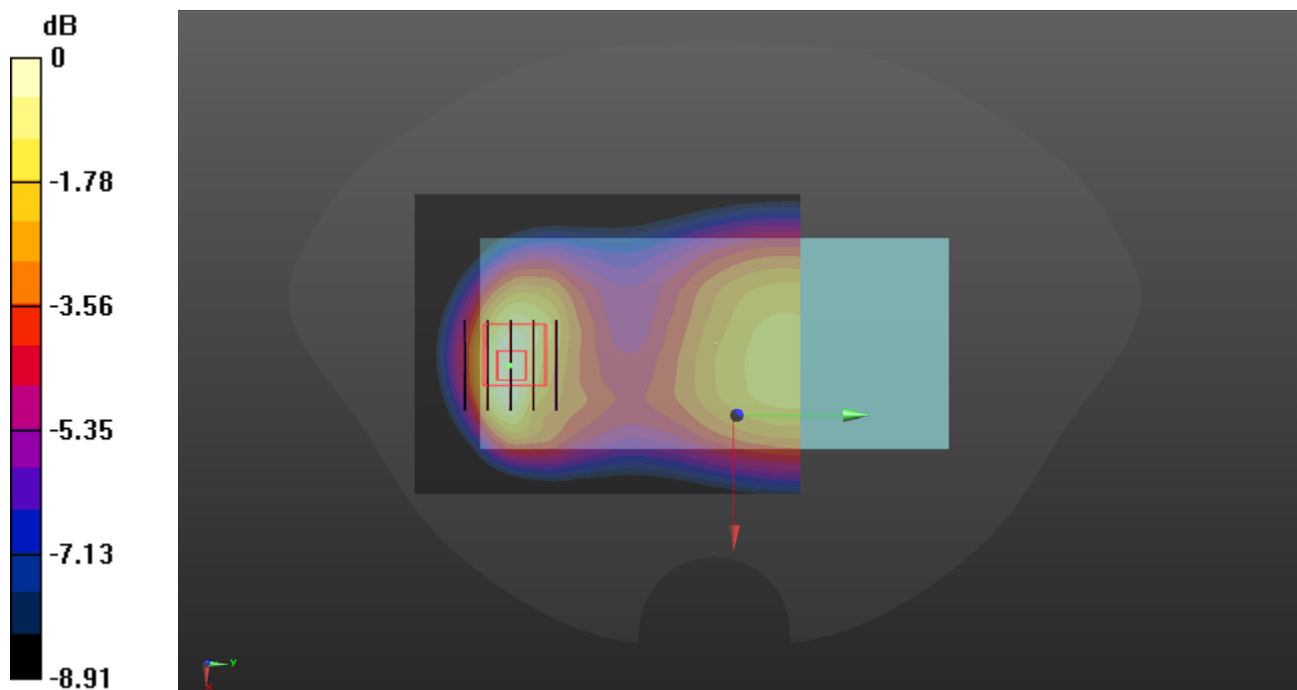
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.09 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg

## GSM1900\_GPRS(3 TX slots)\_Back Side\_10mm\_Ch661\_ANT 1

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 - SN3753; ConvF(7.88, 7.88, 7.88) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.264 W/kg

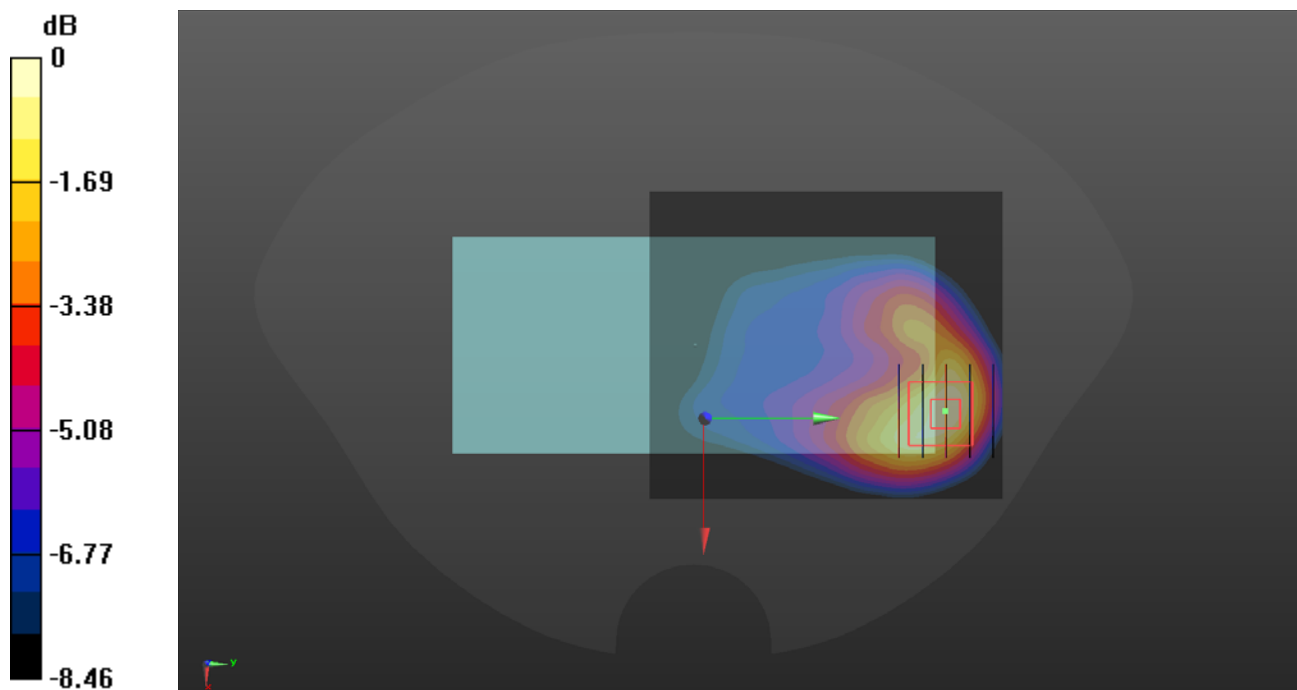
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.492 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.099 W/kg**

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg

## GSM1900\_GPRS(3 TX slots)\_Top Side\_10mm\_Ch661\_ANT 1

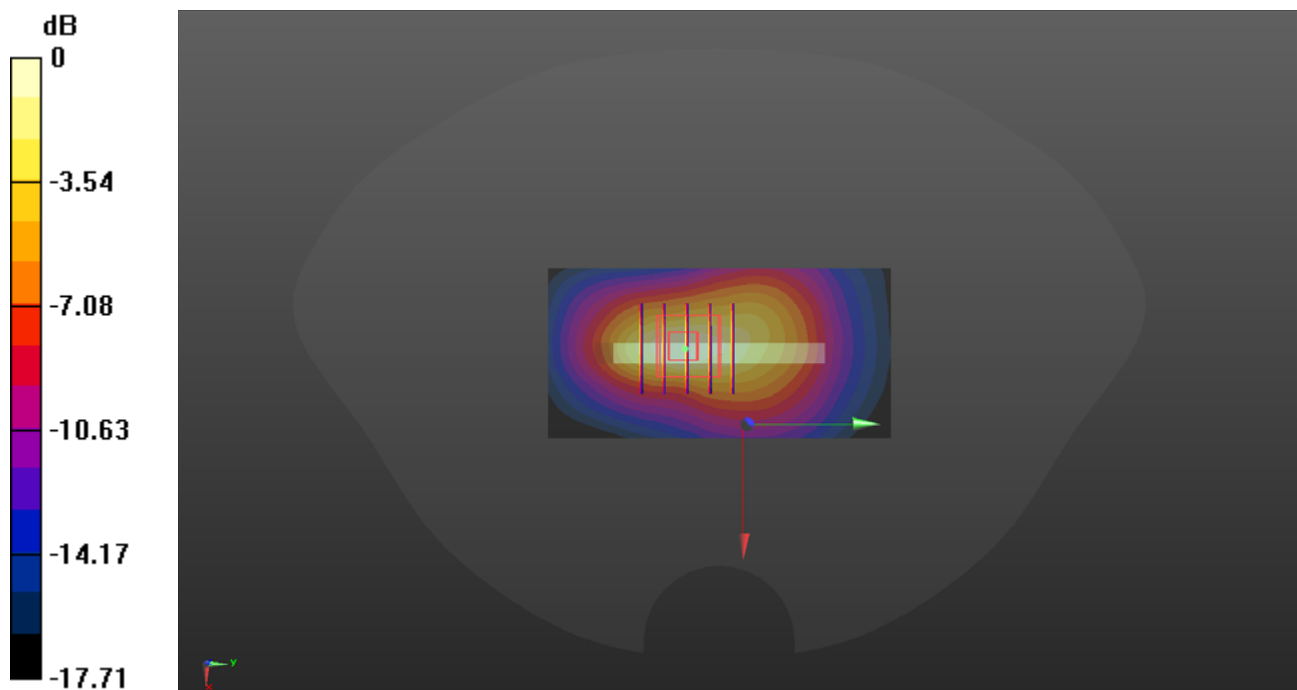
ommunication System: UID 0, GSM1900(class 11) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77  
Medium: HSL\_4200 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.498$  S/m;  $\epsilon_r = 40.829$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.88, 7.88, 7.88) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.469 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 13.71 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.565 W/kg  
**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.160 W/kg**  
Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.446 W/kg



## WCDMA Band II\_RMC 12.2Kbps\_Back Side\_10mm\_Ch9400\_ANT 1

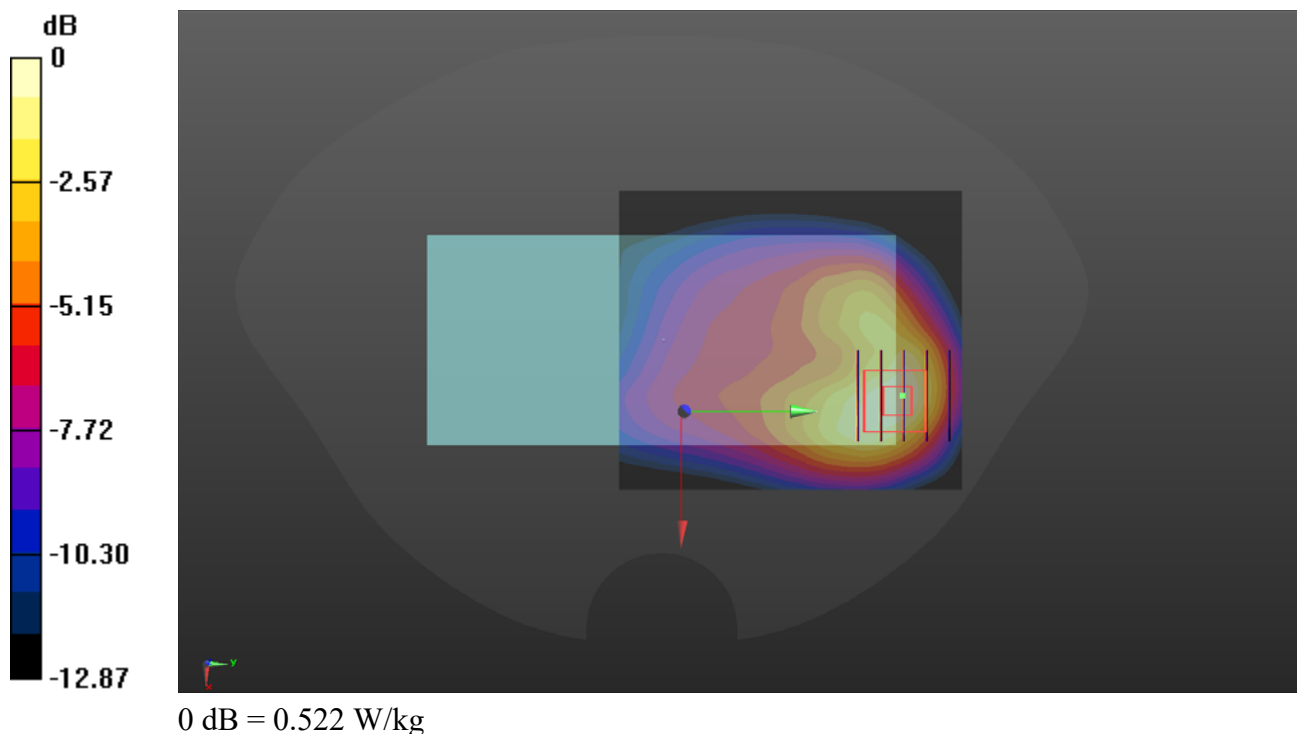
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.88, 7.88, 7.88) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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) = 0.531 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.203 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.665 W/kg  
**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.205 W/kg**  
Maximum value of SAR (measured) = 0.522 W/kg



## WCDMA Band II\_RMC 12.2Kbps\_Top Side\_10mm\_Ch9400\_ANT 1

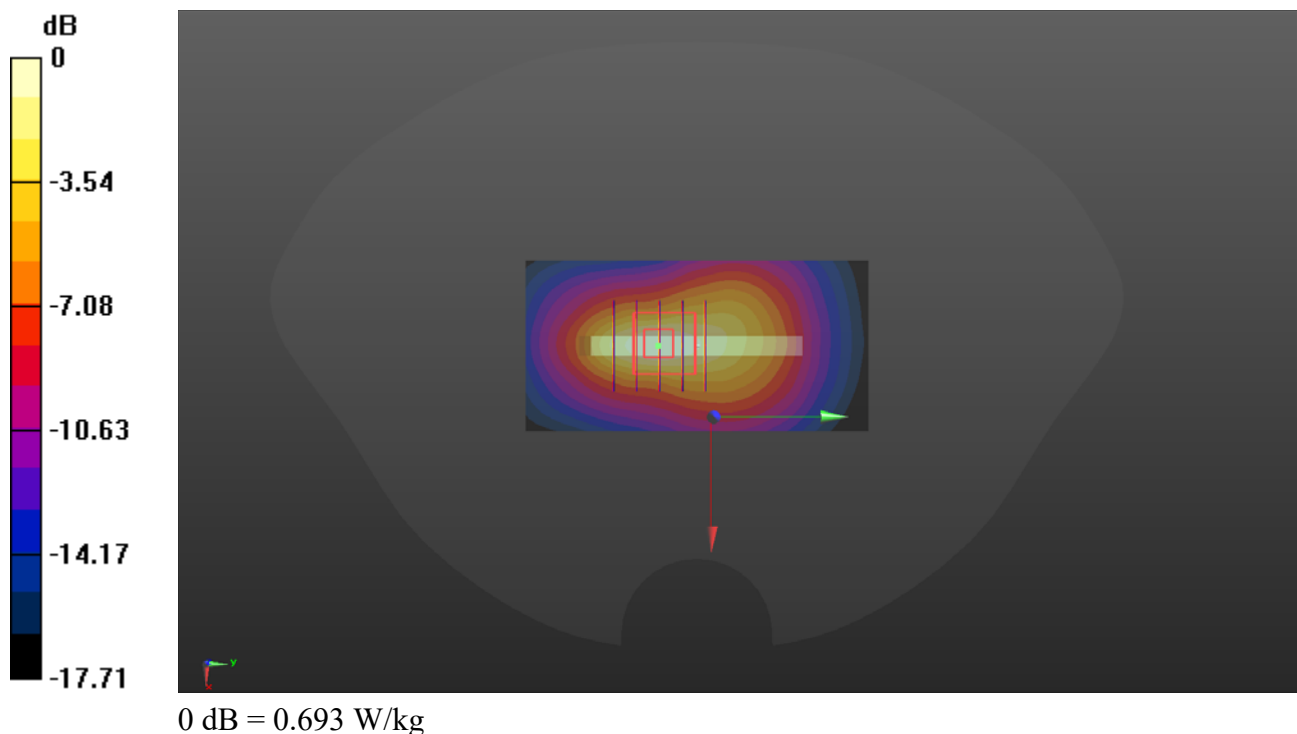
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.321$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.88, 7.88, 7.88) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.738 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.21 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.875 W/kg  
**SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.247 W/kg**  
Maximum value of SAR (measured) = 0.693 W/kg



## WCDMA Band IV\_RMC 12.2Kbps\_Back Side\_10mm\_Ch1413\_ANT 1

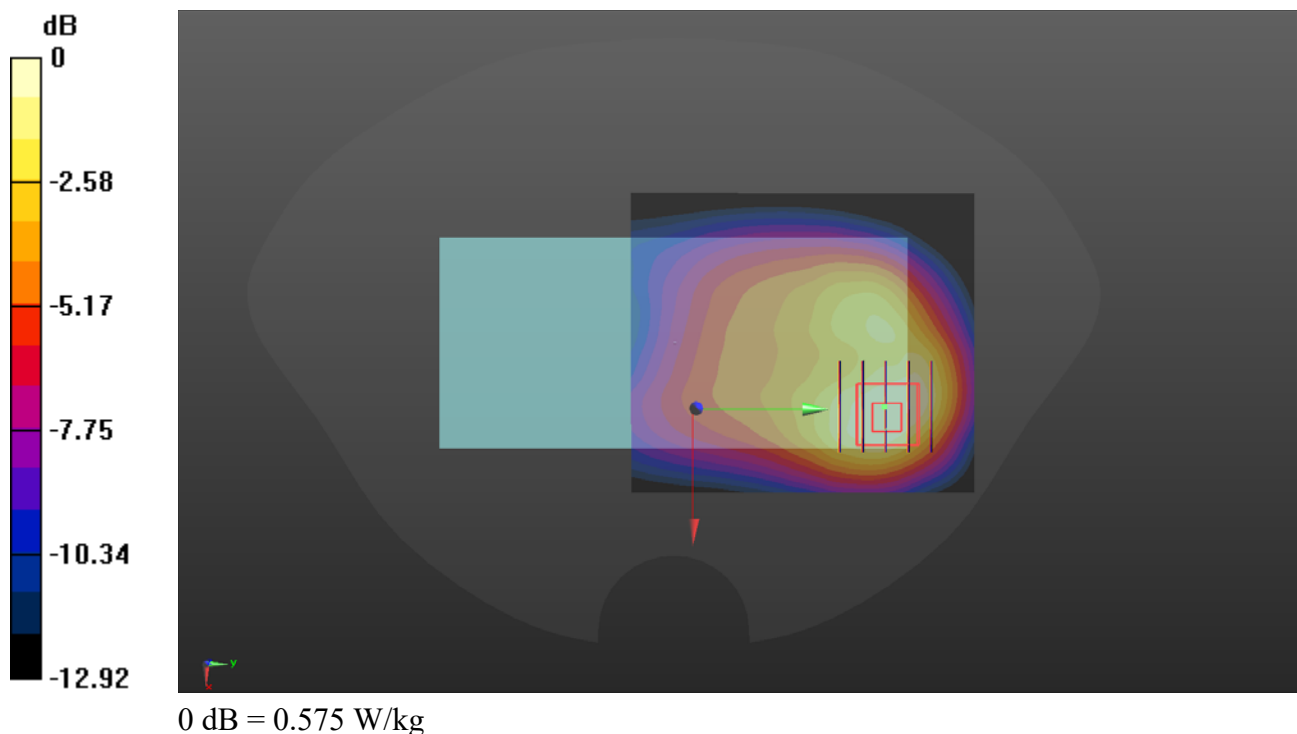
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1800 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.366 \text{ S/m}$ ;  $\epsilon_r = 41.367$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.1 \text{ }^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1732.6 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.594 \text{ W/kg}$

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $8.293 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.761 \text{ W/kg}$   
**SAR(1 g) =  $0.434 \text{ W/kg}$ ; SAR(10 g) =  $0.248 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.575 \text{ W/kg}$



## WCDMA Band IV\_RMC 12.2Kbps\_Top Side\_10mm\_Ch1413\_ANT 1

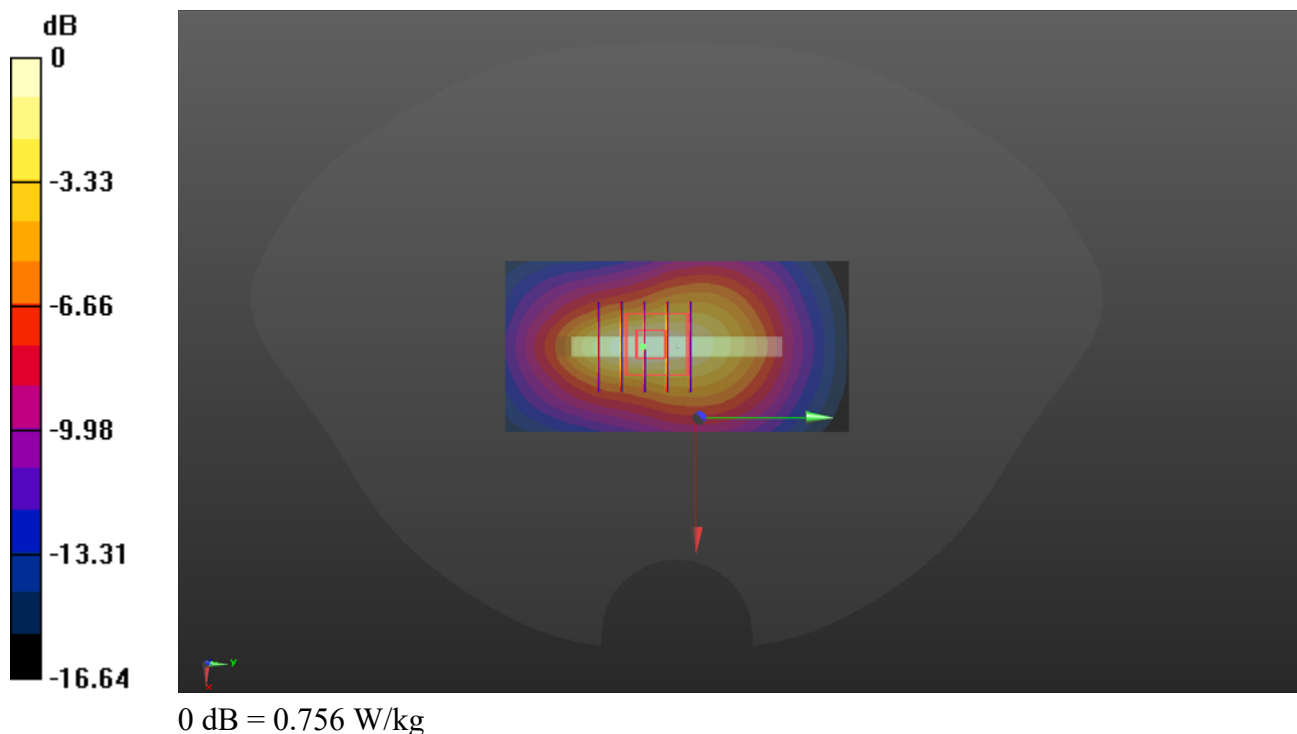
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1732.6 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.814 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.08 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.934 W/kg  
**SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.300 W/kg**  
Maximum value of SAR (measured) = 0.756 W/kg



## WCDMA Band V\_RMC 12.2Kbps\_Back Side\_10mm\_Ch4182\_ANT 0

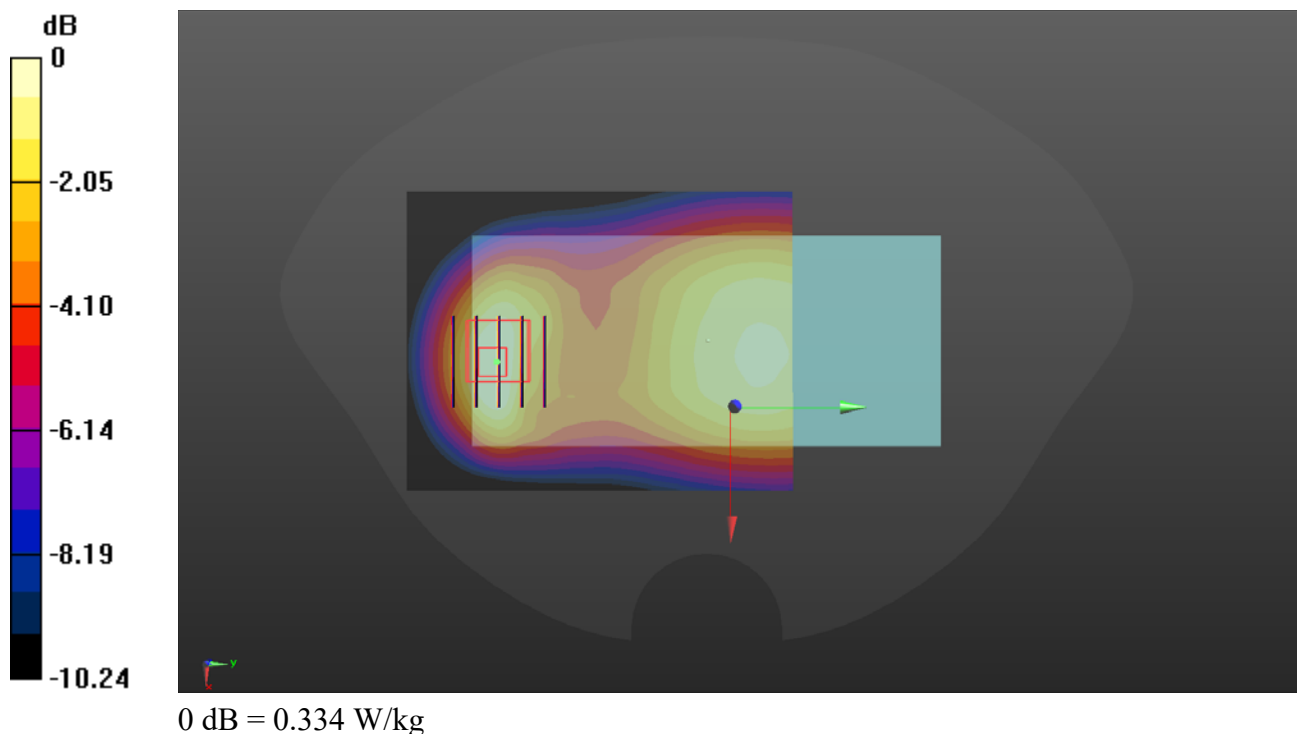
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 42.978$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF( : .93, : .93, : .93) @ 836.4 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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) = 0.345 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.07 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.428 W/kg  
**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.151 W/kg**  
Maximum value of SAR (measured) = 0.334 W/kg



## LTE Band 2\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch18900\_ANT 1

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 - SN3753; ConvF(7.78, 7.78, 7.78) @ 1880 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

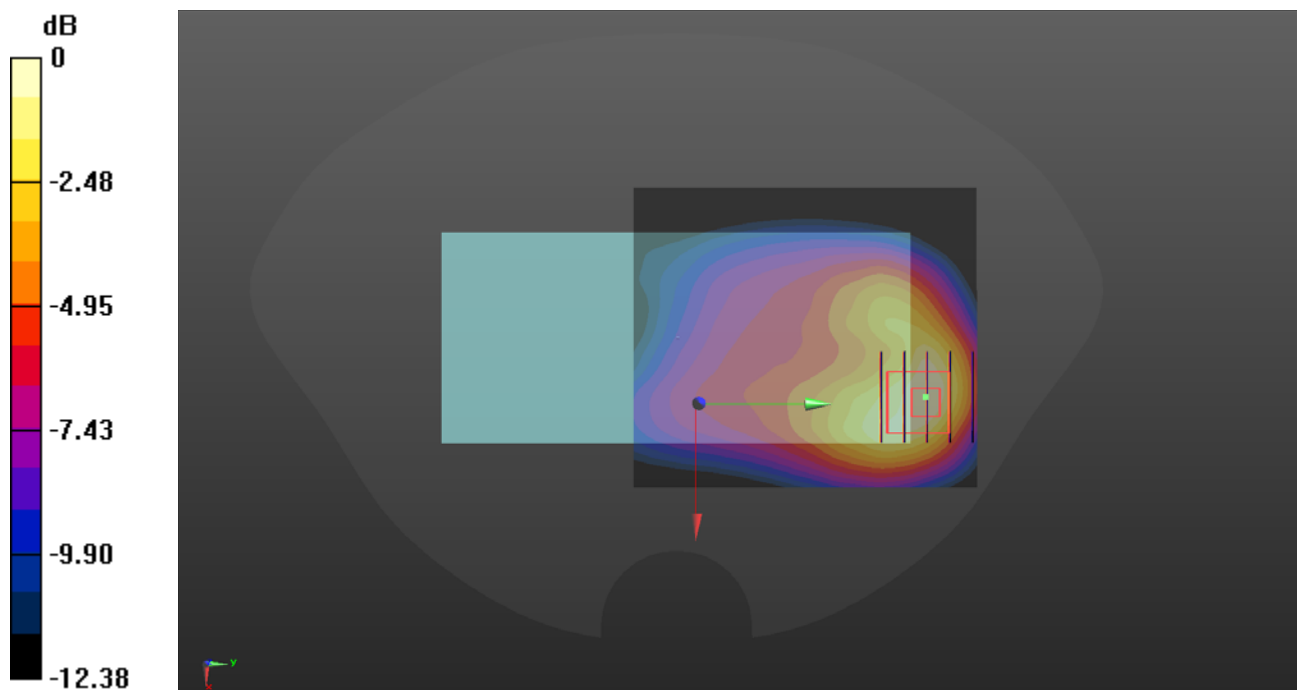
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.339 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.408 W/kg**

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



0 dB = 1.03 W/kg

## LTE Band 4\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch20175\_ANT 1

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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1732.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.557 W/kg

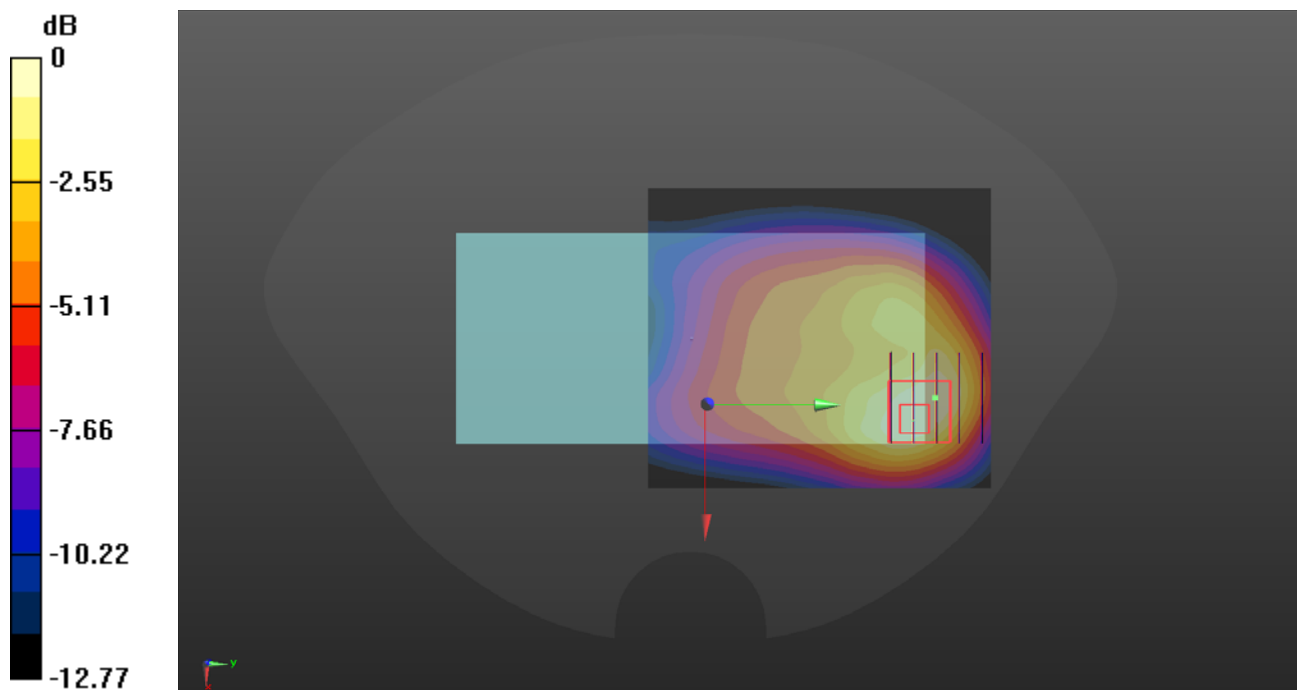
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.512 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.676 W/kg

**SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.222 W/kg**

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



0 dB = 0.537 W/kg

## LTE Band 4\_20MHz\_QPSK\_1RB\_0Offset\_Top Side\_10mm\_Ch20175\_ANT 1

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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1732.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.675 W/kg

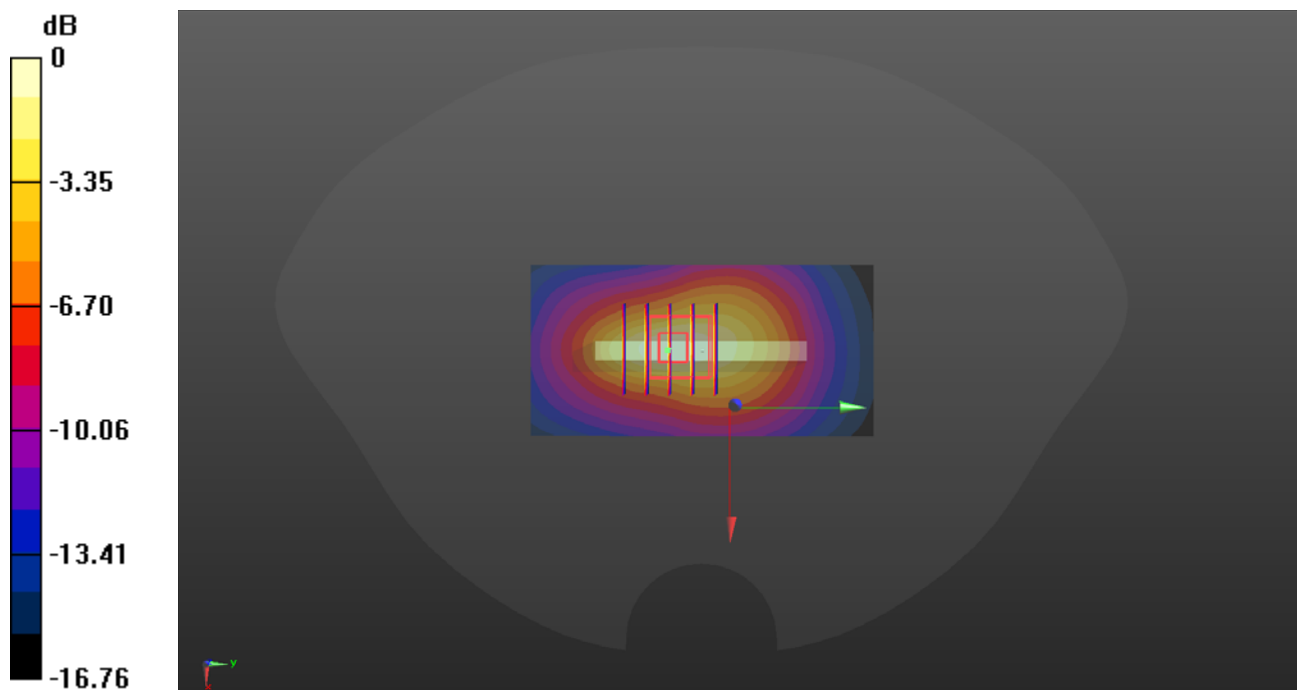
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.71 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.812 W/kg

**SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.254 W/kg**

Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg



## LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch20525\_ANT 1

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 : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(: ; 3, : ; 3, : ; 3) @ 836.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.381 W/kg

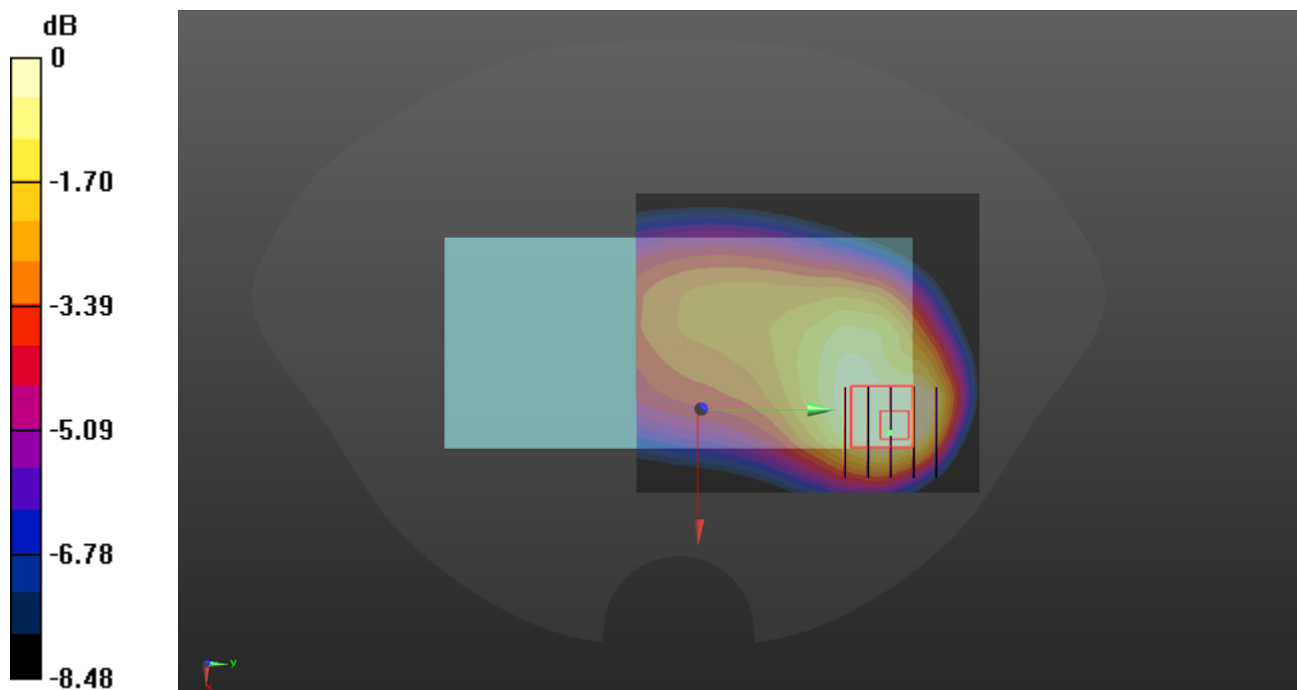
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.52 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.466 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg

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

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 : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2535 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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) = 0.457 W/kg

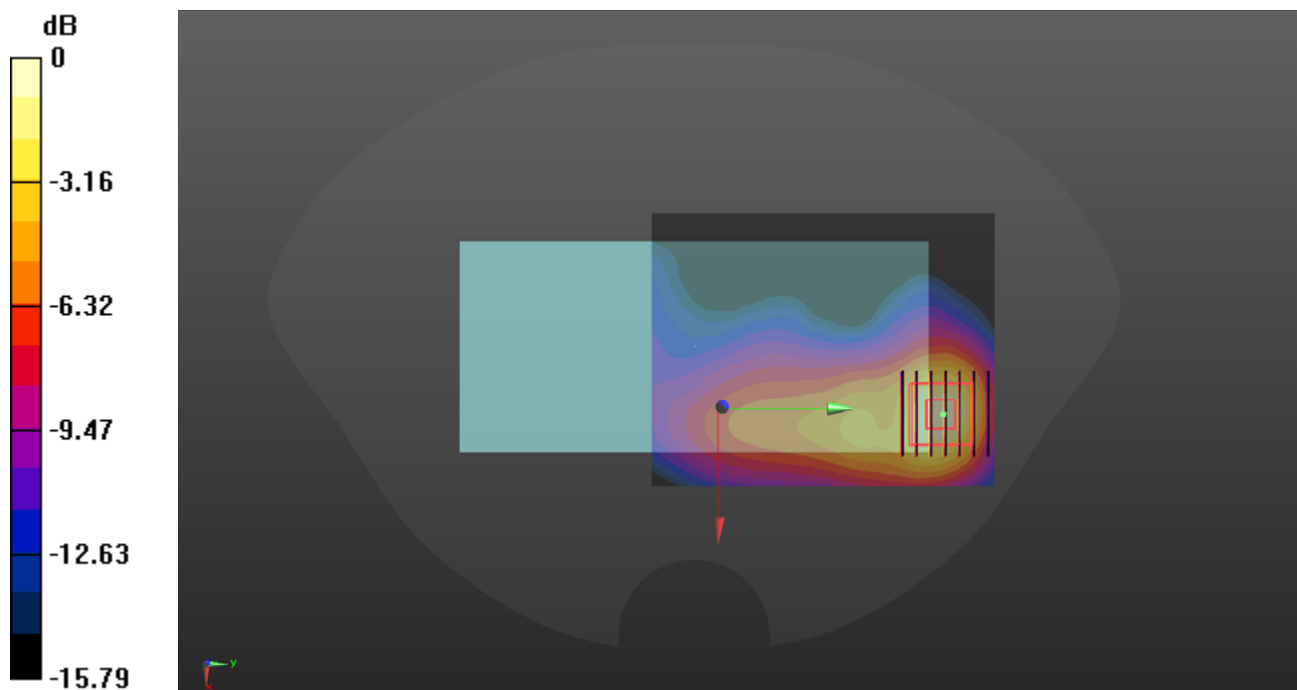
**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.035 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.639 W/kg

**SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.150 W/kg**

Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg

## LTE Band 7\_20MHz\_QPSK\_1RB\_0Offset\_Top Side\_10mm\_Ch21100\_ANT 1

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 : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2535 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.752 W/kg

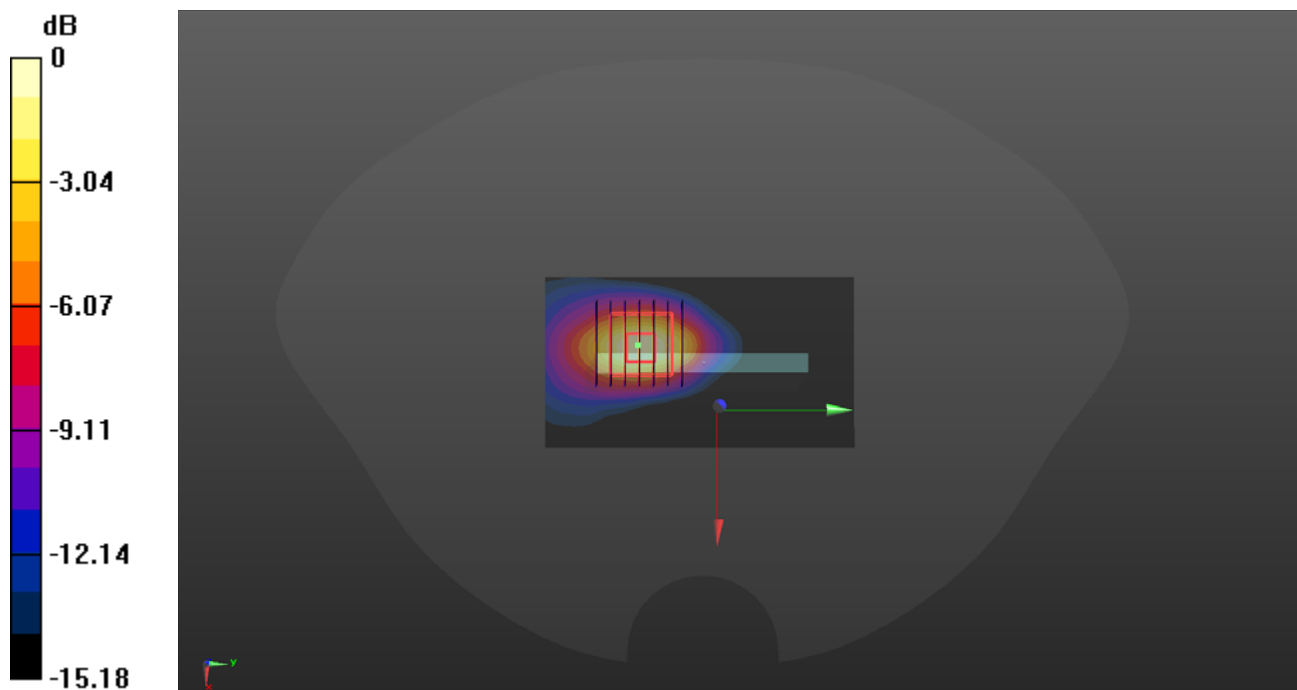
**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.697 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.961 W/kg

**SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg

## LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch23095\_ANT 0

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_972 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 : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.41, 9.41, 9.41) @ 707.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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) = 0.274 W/kg

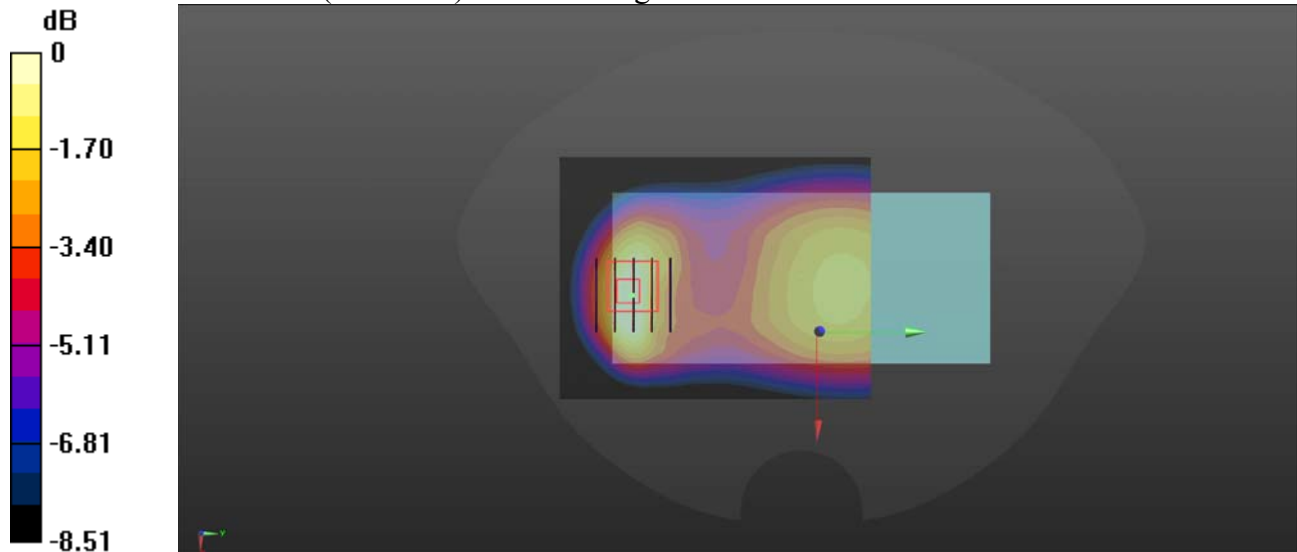
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.26 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.266 W/kg



0 dB = 0.266 W/kg

## LTE Band 26\_15MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch26865\_ANT 0

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL\_900 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 42.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(:.93, :.93, :.93) @ 831.5 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch26865/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.441 W/kg

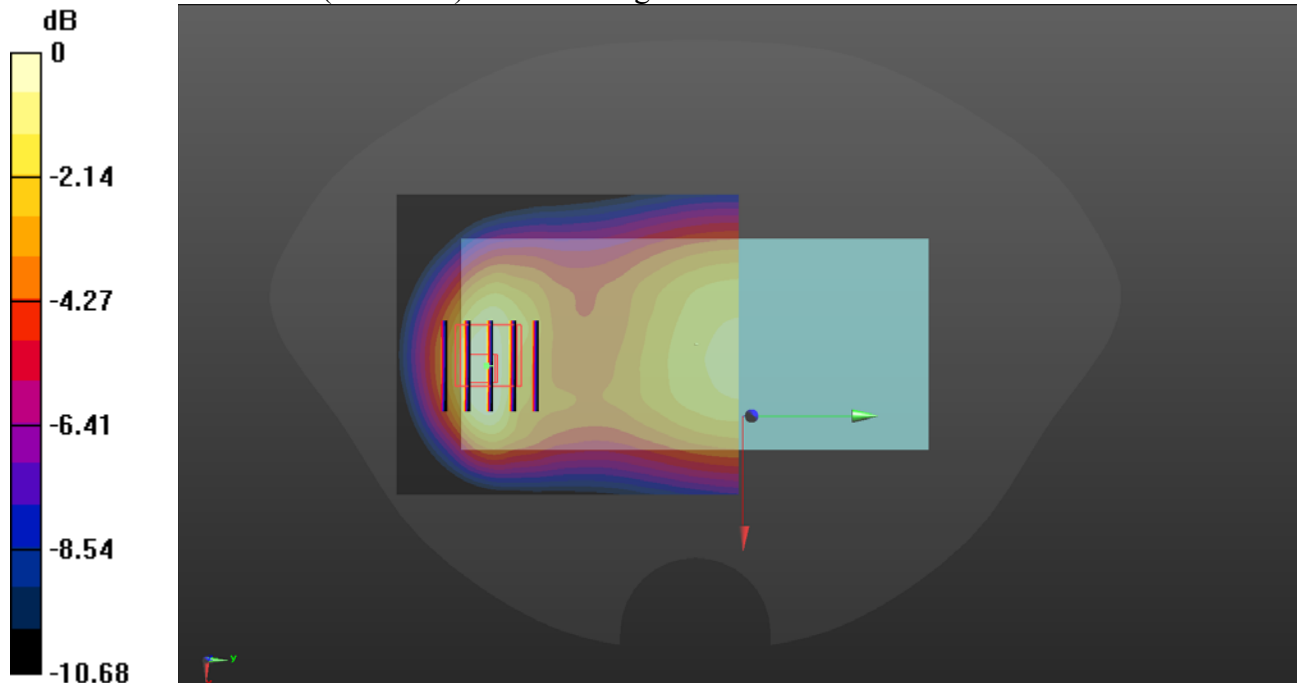
**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.40 V/m; Power Drift = -0.28 dB

Peak SAR (extrapolated) = 0.558 W/kg

**SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.185 W/kg**

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg

### LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch38000\_ANT 1

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Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 38.287$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38000/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.800 W/kg

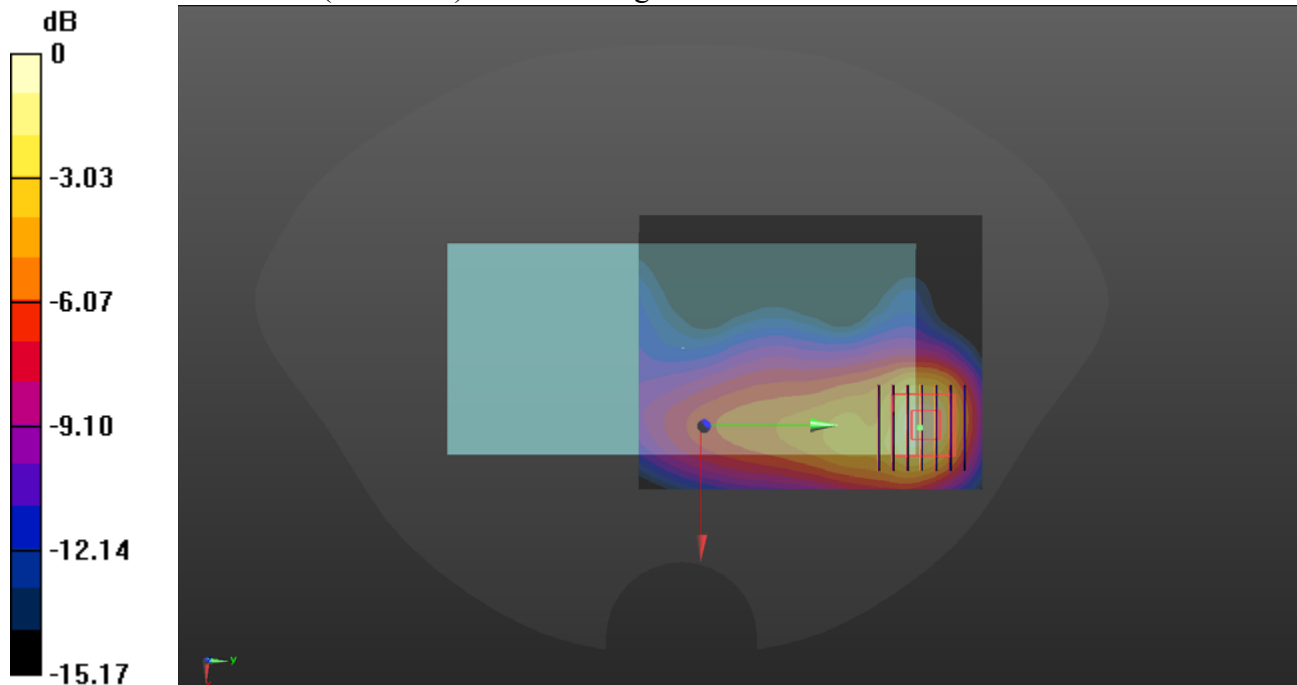
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.256 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.264 W/kg**

Maximum value of SAR (measured) = 0.860 W/kg



0 dB = 0.860 W/kg

## LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Top Side\_10mm\_Ch38000\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 38.287$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38000/Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

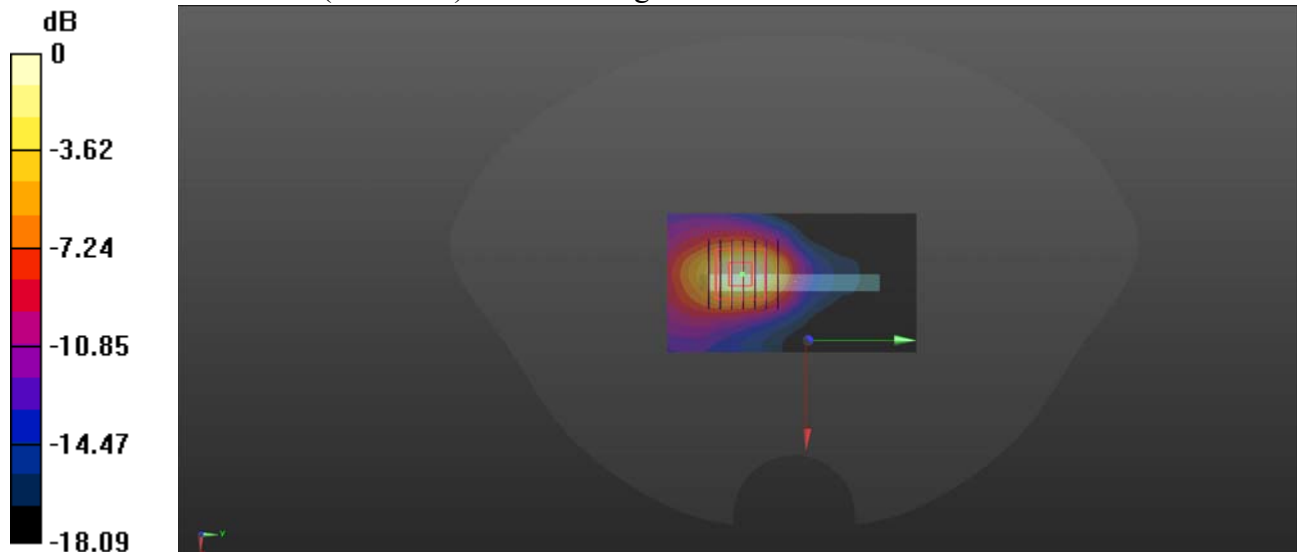
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.111 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.977 W/kg

## LTE Band 40B\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch39200\_ANT 1

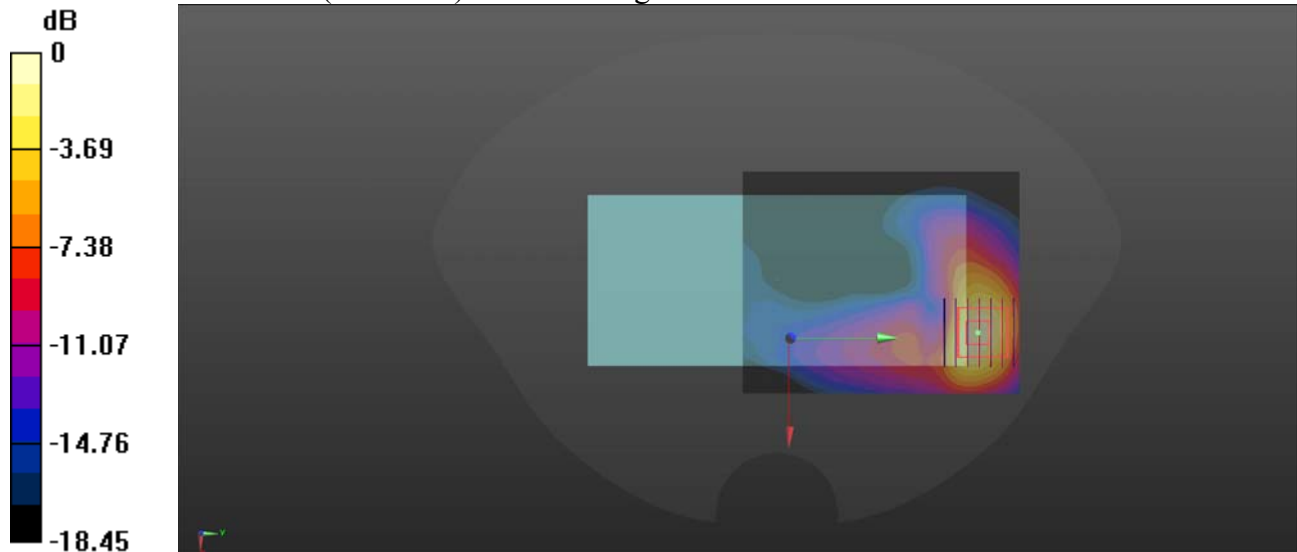
Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2500 Medium parameters used:  $f = 2355$  MHz;  $\sigma = 1.709$  S/m;  $\epsilon_r = 39.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.5, 7.5, 7.5) @ 2355 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch39200/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.397 W/kg

**Ch39200/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 1.120 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.511 W/kg  
**SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.123 W/kg**  
Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg



## LTE Band 40B\_10MHz\_QPSK\_1RB\_0Offset\_Top Side\_10mm\_Ch39200\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 2355 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2500 Medium parameters used:  $f = 2355$  MHz;  $\sigma = 1.709$  S/m;  $\epsilon_r = 39.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.5, 7.5, 7.5) @ 2355 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch39200/Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.609 W/kg

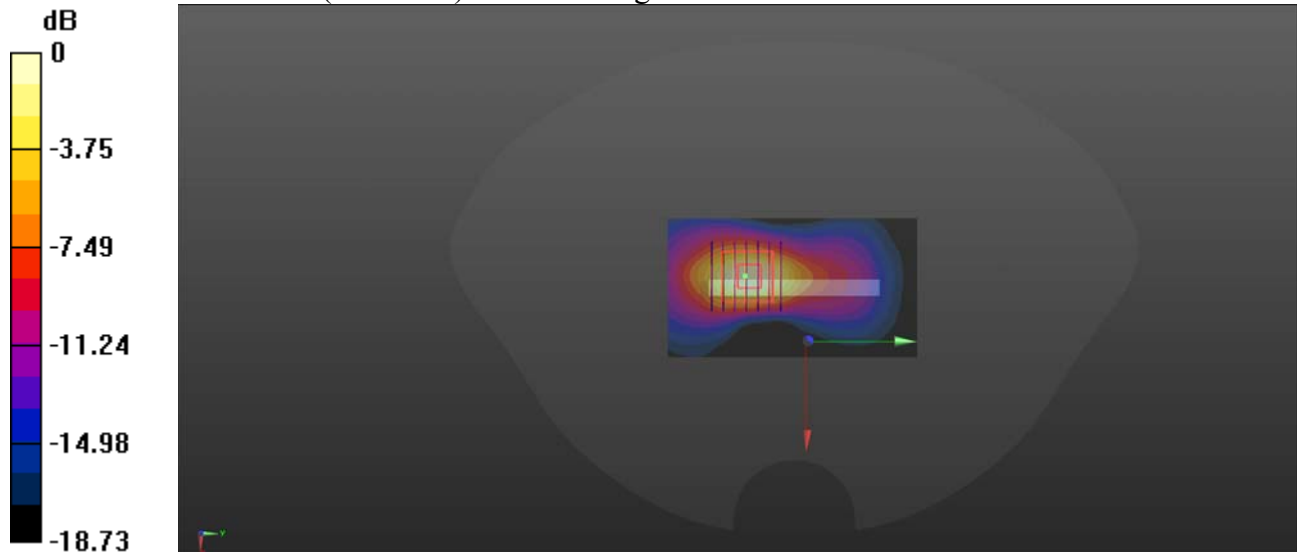
**Ch39200/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.648 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.759 W/kg

**SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.571 W/kg



0 dB = 0.571 W/kg

## LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch40640\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 38.287$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch40640/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.776 W/kg

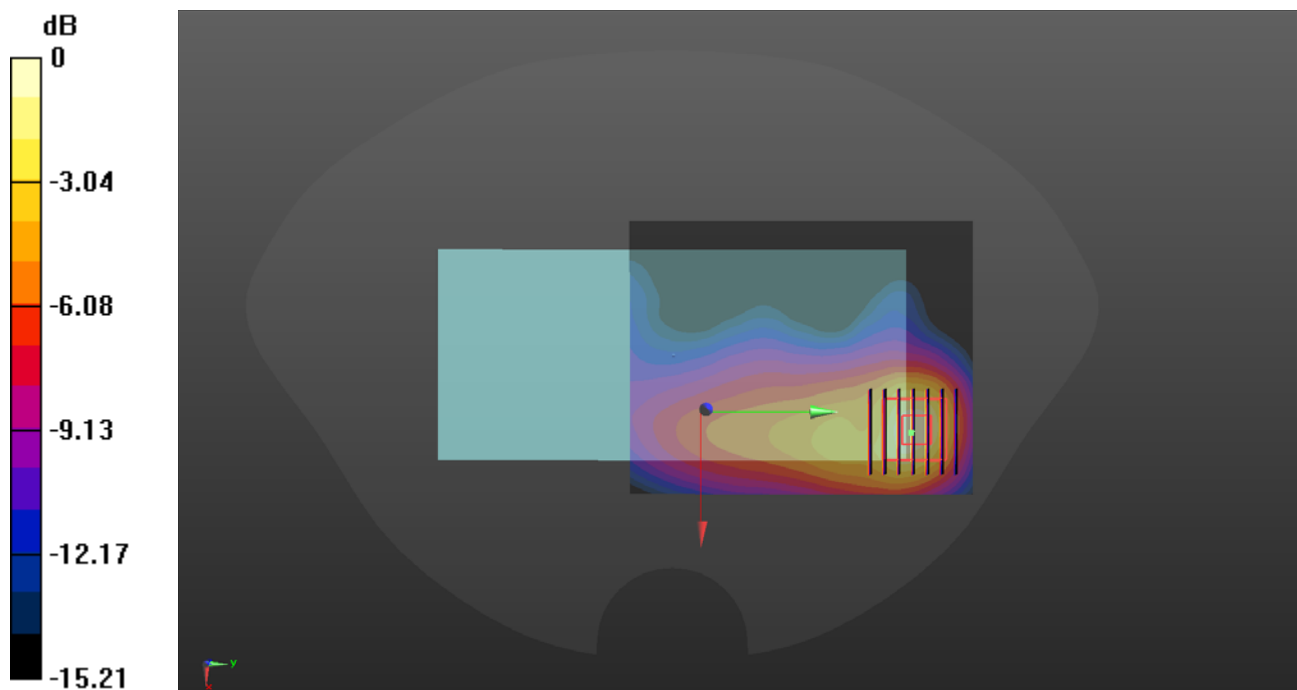
**Ch40640/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.214 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.254 W/kg**

Maximum value of SAR (measured) = 0.828 W/kg



0 dB = 0.828 W/kg

## LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Top Side\_10mm\_Ch40640\_ANT 1

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 38.287$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch40640/Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

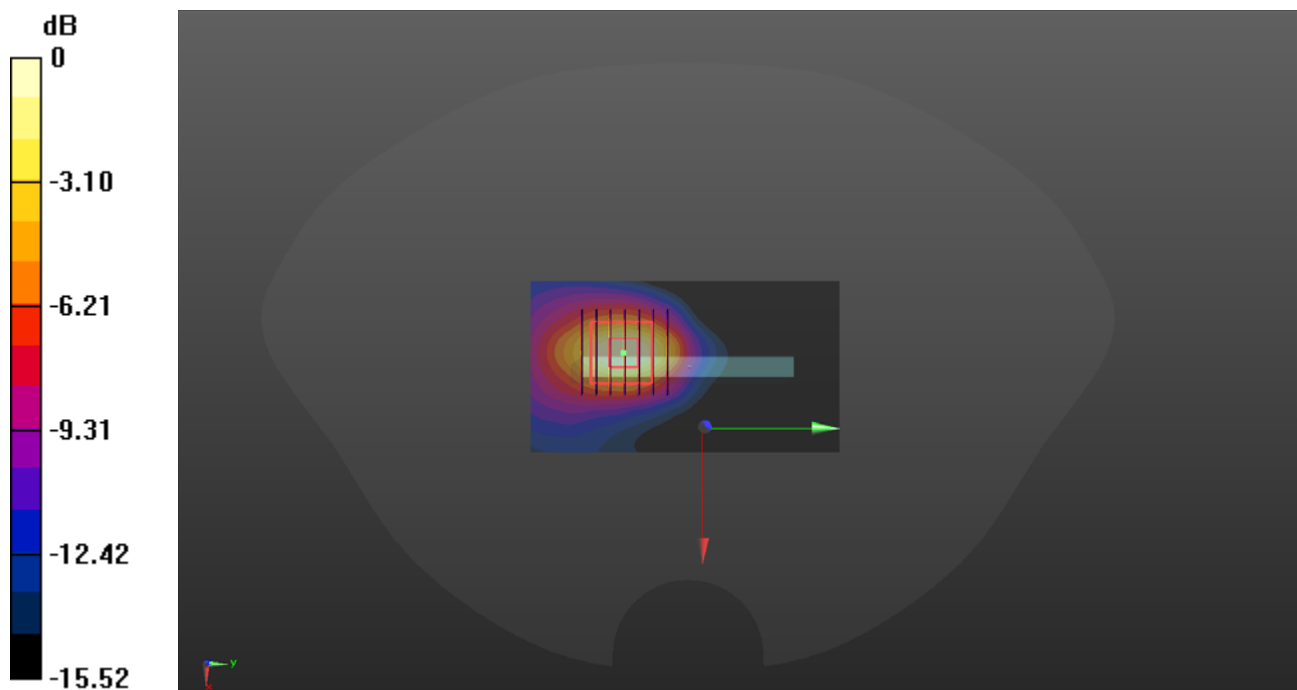
**Ch40640/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.204 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.304 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

## LTE Band 66\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch132322\_ANT 1

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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1745 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.556 W/kg

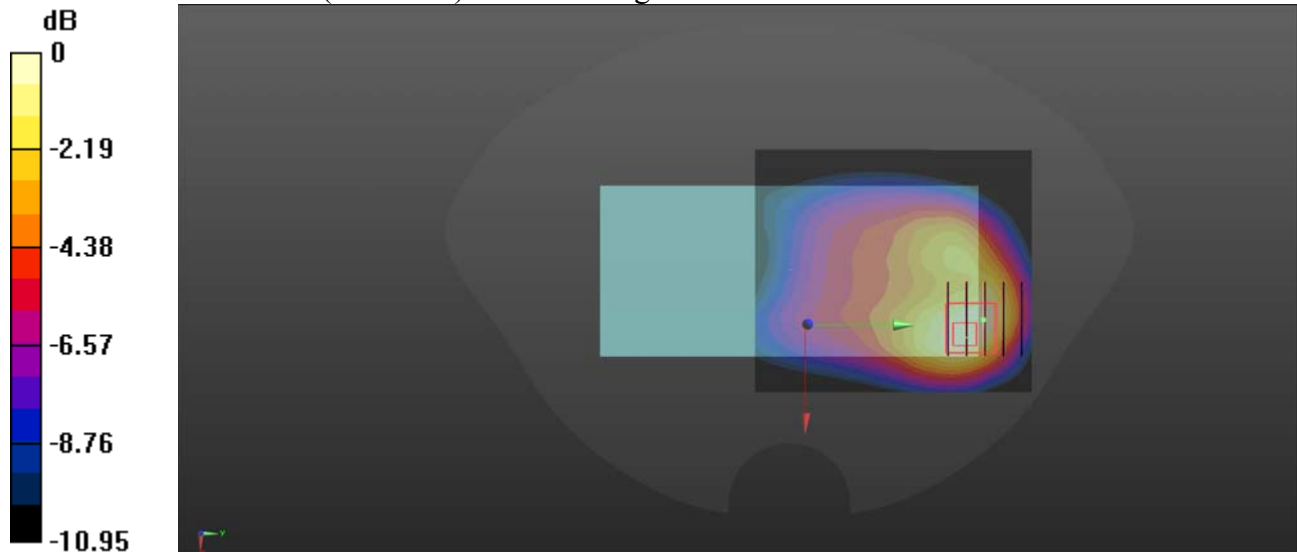
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.667 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.717 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.233 W/kg**

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg

### LTE Band 66\_20MHz\_QPSK\_1RB\_0Offset\_Top Side\_10mm\_Ch132322\_CPV'3

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 : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(8.08, 8.08, 8.08) @ 1745 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- 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 (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.771 W/kg

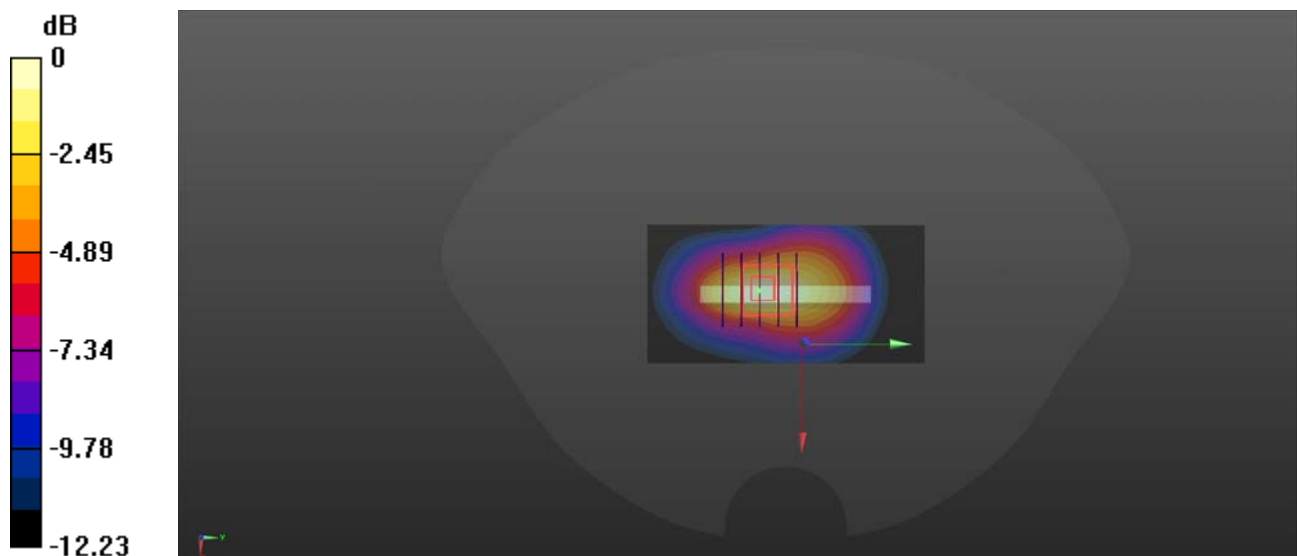
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.84 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.919 W/kg

**SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.288 W/kg**

Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.744 W/kg

## WLAN 2.4GHz\_802.11b 1Mbps\_Back Side\_10mm\_Ch1

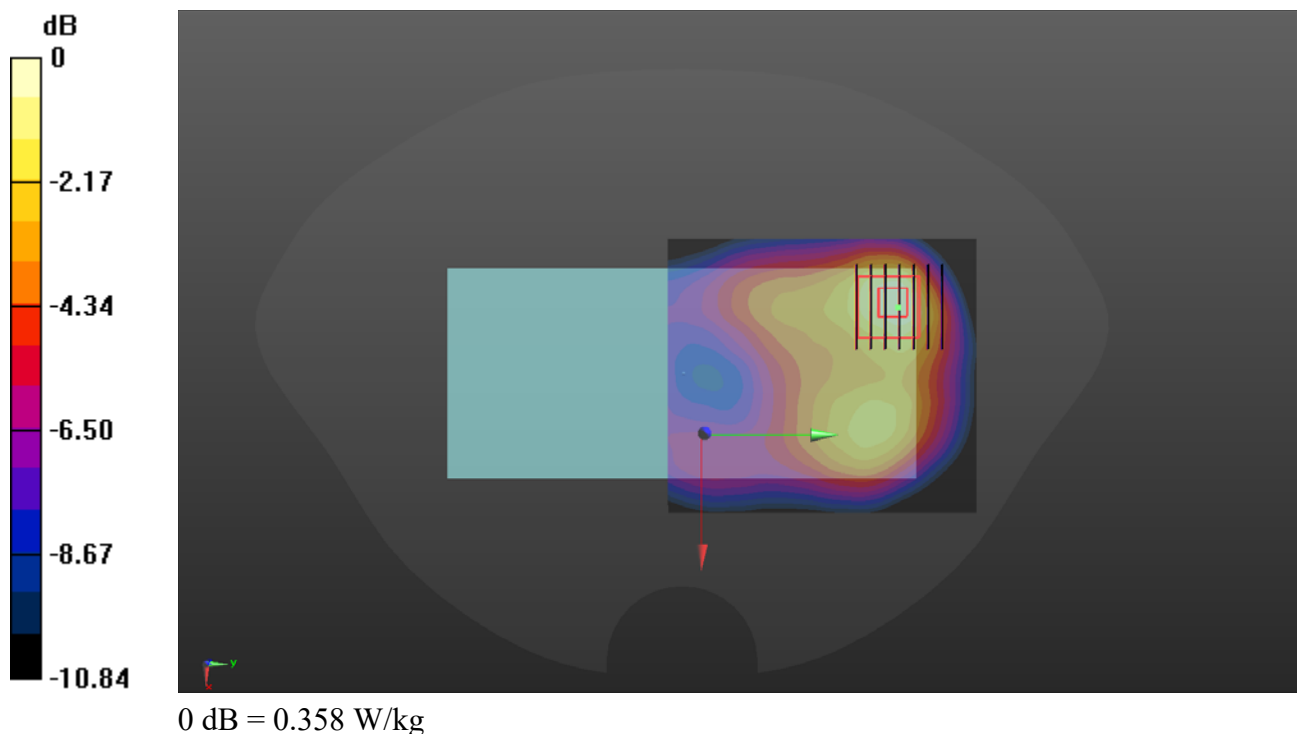
Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.012  
Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.762$  S/m;  $\epsilon_r = 38.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.22, 7.22, 7.22) @ 2412 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.366 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.223 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.486 W/kg  
**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.127 W/kg**  
Maximum value of SAR (measured) = 0.358 W/kg



## WLAN 5.2GHz\_802.11a 6Mbps\_Back Side\_10mm\_Ch48

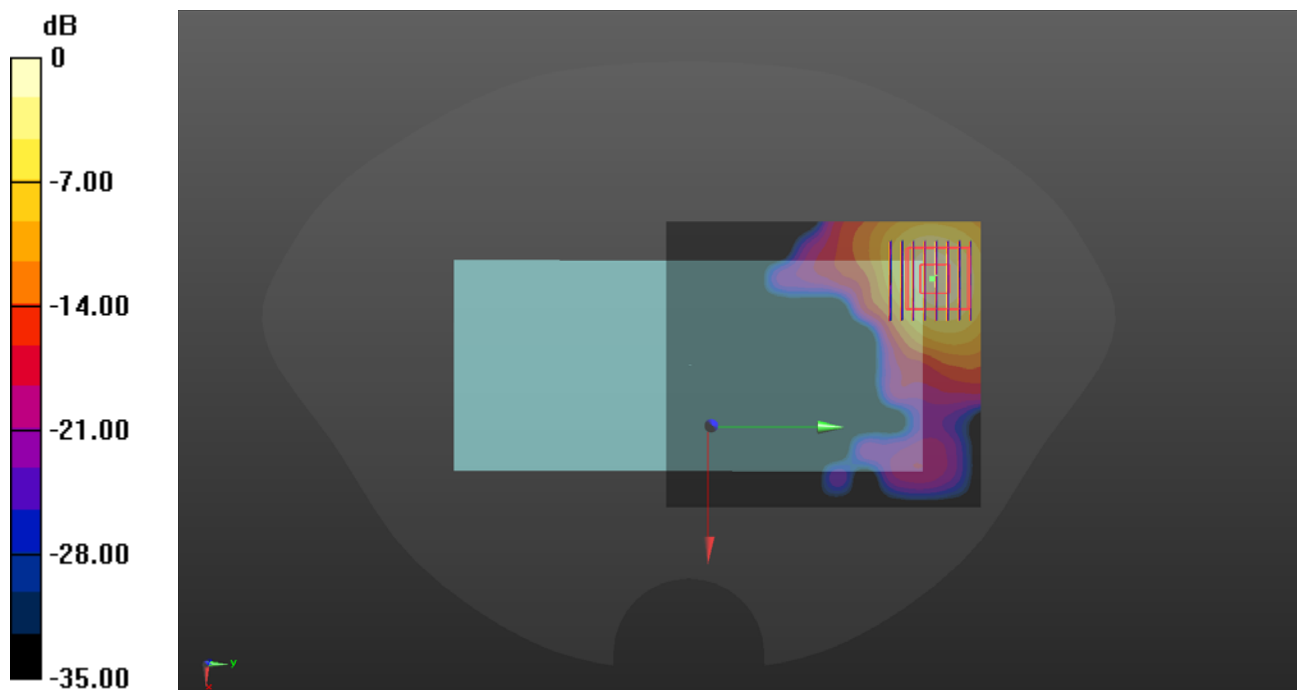
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.098  
Medium: HSL\_5250 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.685$  S/m;  $\epsilon_r = 36.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5240 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch48/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.38 W/kg

**Ch48/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 2.43 W/kg  
**SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.258 W/kg**  
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg

## WLAN 5.3GHz\_802.11a 6Mbps\_Back Side\_10mm\_Ch60

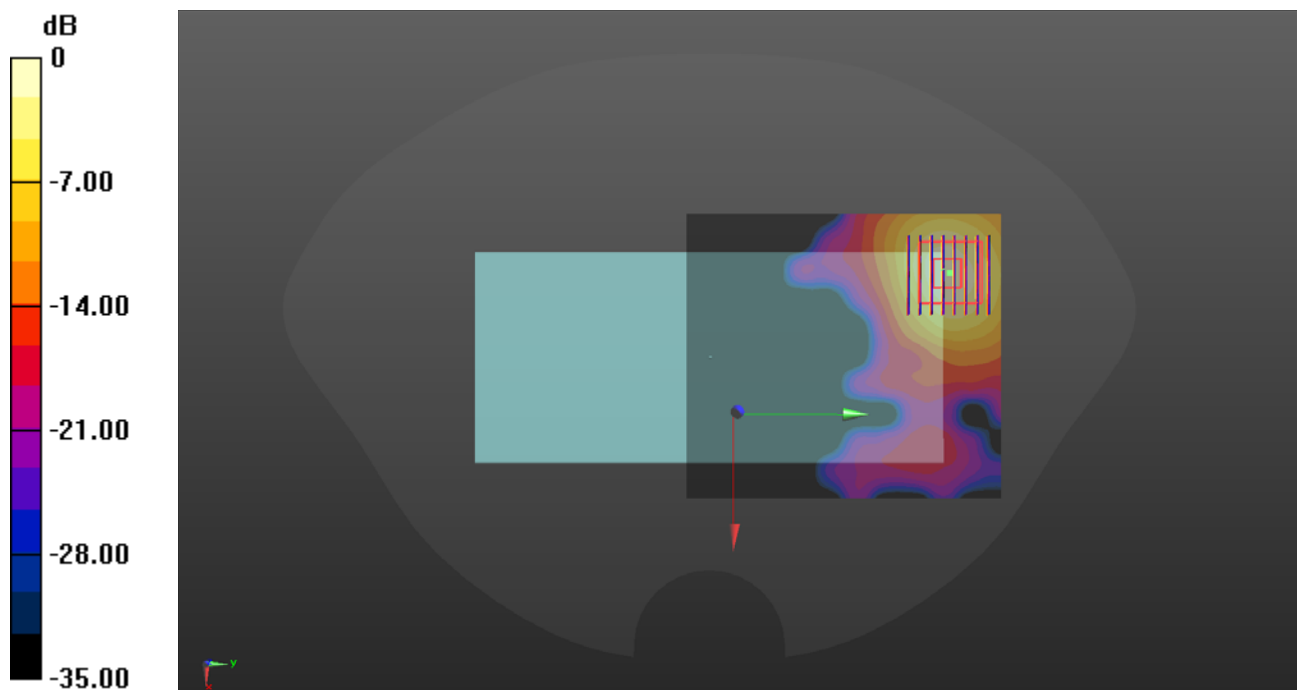
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1.098  
Medium: HSL\_5470 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 35.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.78, 4.78, 4.56) @ 5300 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch60/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.33 W/kg

**Ch60/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 2.35 W/kg  
**SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.246 W/kg**  
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg



## WLAN 5.5GHz\_802.11n-HT40 MCS0\_Back Side\_10mm\_Ch102

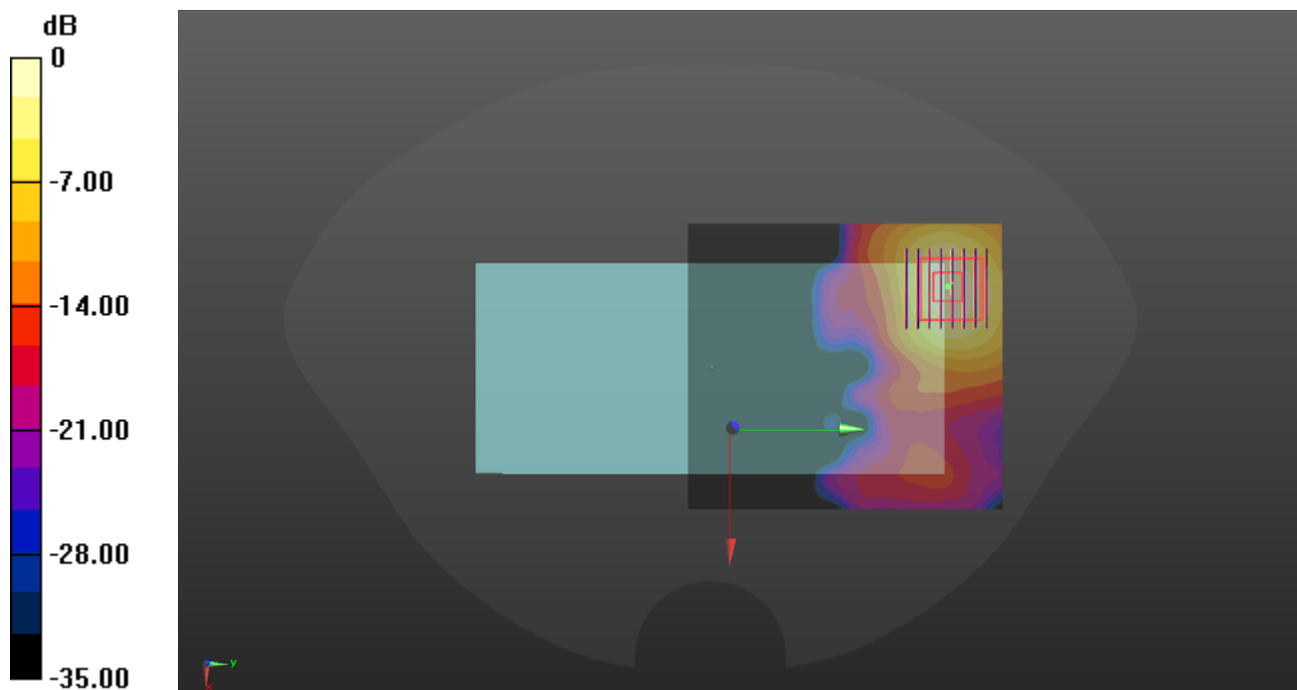
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5510 MHz; Duty Cycle: 1:1.127  
Medium: HSL\_5820 Medium parameters used:  $f = 5510$  MHz;  $\sigma = 5.015$  S/m;  $\epsilon_r = 35.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.42, 4.42, 4.42) @ 5510 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch102/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.28 W/kg

**Ch102/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 2.37 W/kg  
**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.239 W/kg**  
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

## WLAN 5.8GHz\_802.11n-HT40 MCS0\_Back Side\_10mm\_Ch151

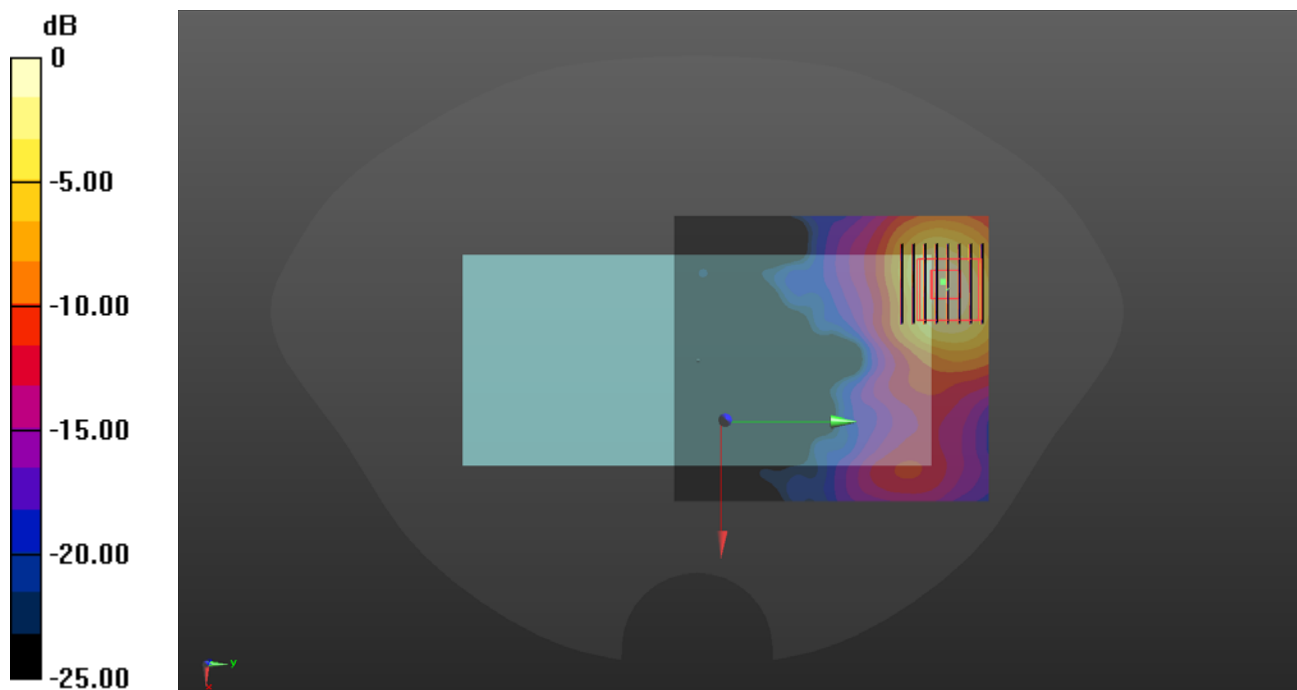
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz; Duty Cycle: 1:1.127  
Medium: HSL\_5750 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.306$  S/m;  $\epsilon_r = 35.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### 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 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch151/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.25 W/kg

**Ch151/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0.5820 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 2.46 W/kg  
**SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.244 W/kg**  
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg

## Bluetooth\_DH5\_Back Side\_10mm\_Ch78

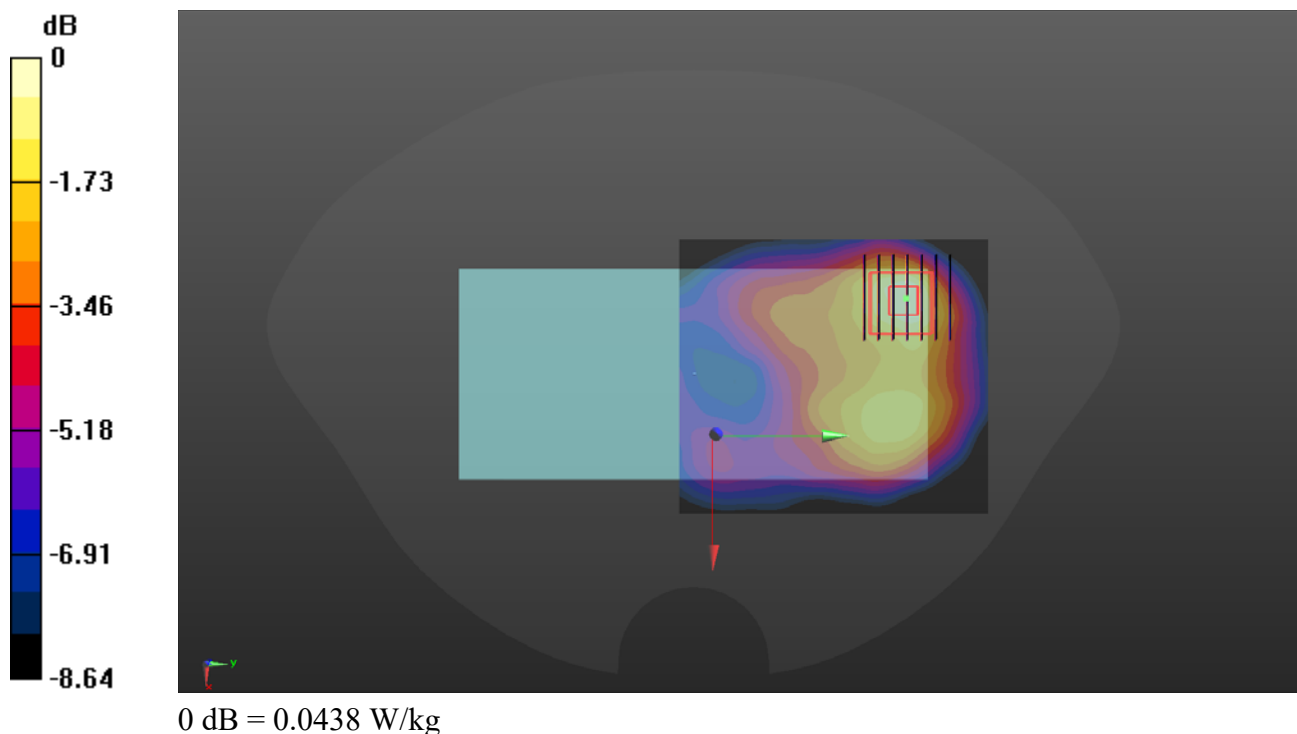
Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.289  
Medium: HSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 38.675$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.22, 7.22, 7.22) @ 2480 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch78/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0441 W/kg

**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.032 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.0580 W/kg  
**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.018 W/kg**  
Maximum value of SAR (measured) = 0.0438 W/kg



## WLAN 5.3GHz\_802.11a 6Mbps\_Back Side\_0mm\_Ch60

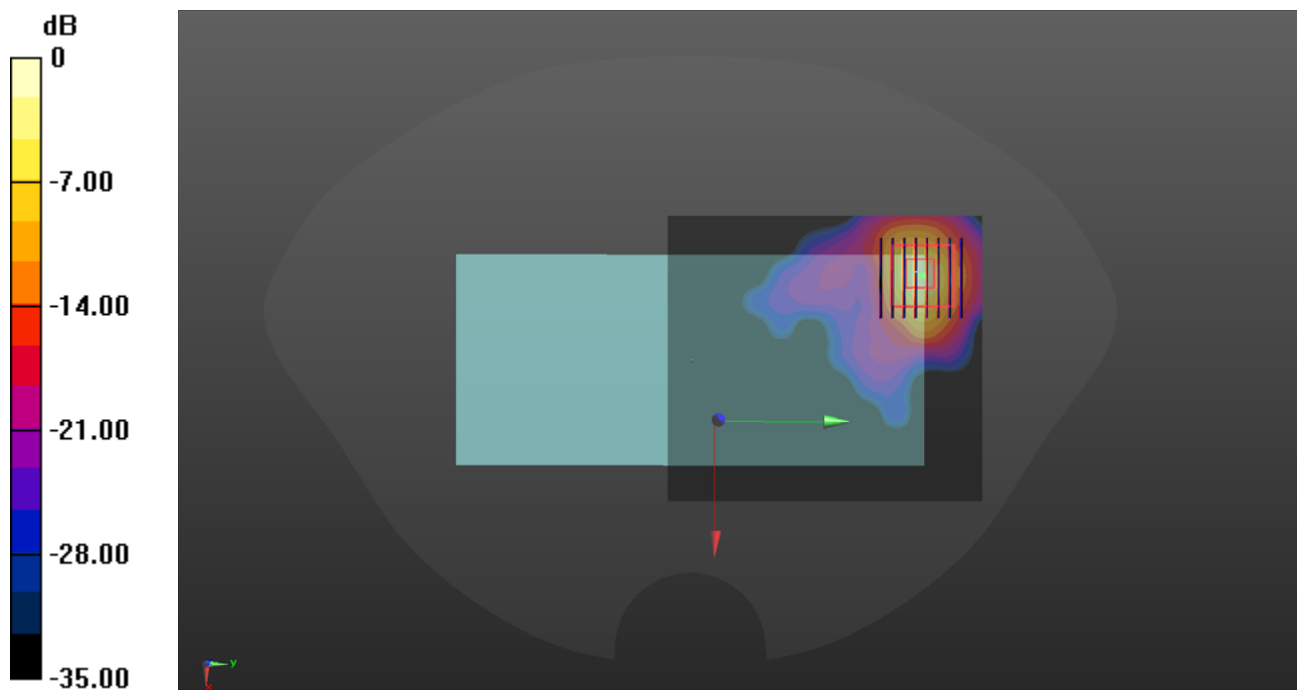
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1.098  
Medium: HSL\_5250 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.76$  S/m;  $\epsilon_r = 35.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.56, 4.56, 4.56) @ 5300 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch60/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 7.00 W/kg

**Ch60/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 15.7 W/kg  
**SAR(1 g) = 3.33 W/kg; SAR(10 g) = 0.730 W/kg**  
Maximum value of SAR (measured) = 7.19 W/kg



0 dB = 7.19 W/kg

## WLAN 5.5GHz\_802.11n-HT40 MCS0\_Back Side\_0mm\_Ch102

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5510 MHz; Duty Cycle: 1:1.127  
Medium: HSL\_5600 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 : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.42, 4.42, 4.42) @ 5510 MHz; Calibrated: 2021.07.26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1353; Calibrated: 2021.10.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch102/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 6.26 W/kg

**Ch102/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 14.6 W/kg  
**SAR(1 g) = 2.84 W/kg; SAR(10 g) = 0.671 W/kg**  
Maximum value of SAR (measured) = 6.34 W/kg

