



REPORT No.: SZ23120090S01

## Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.27

## 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\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 38.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 1.04 W/kg

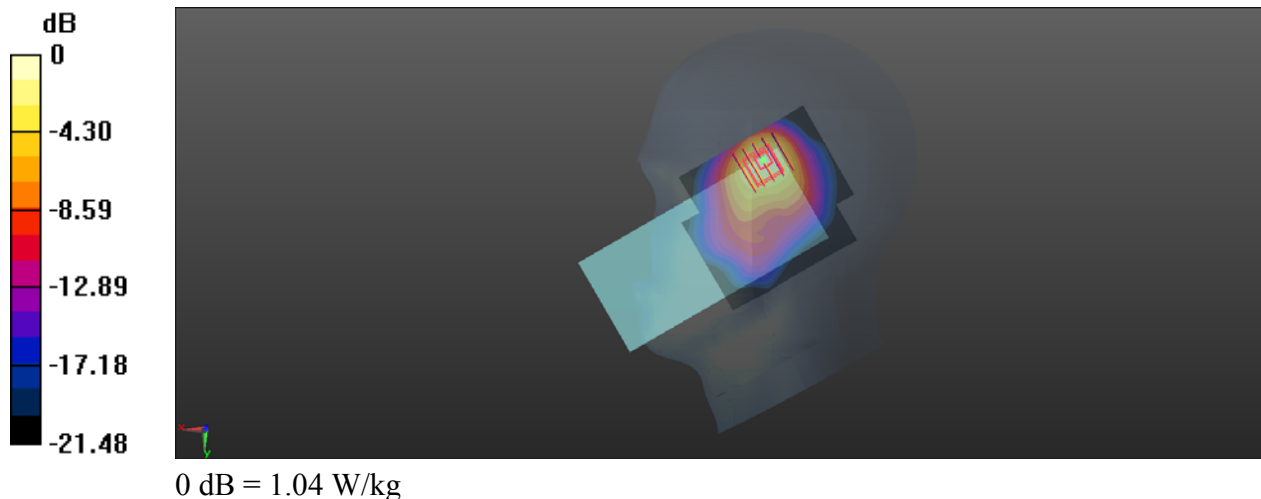
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.41 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.325 W/kg**

Maximum value of SAR (measured) = 0.876 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.19

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

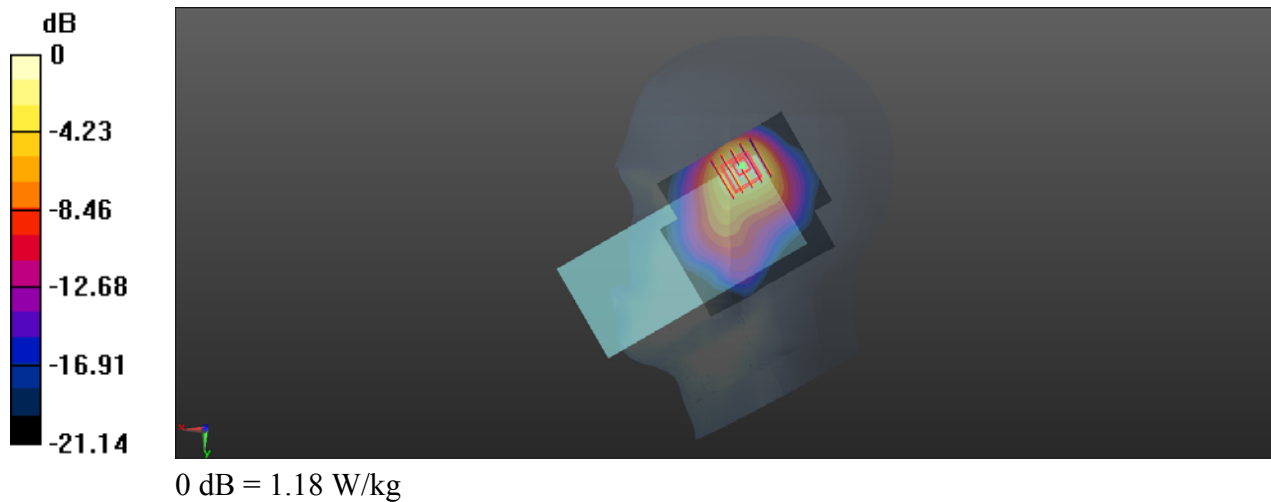
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1732.6 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 1.18 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.96 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.30 W/kg  
**SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.400 W/kg**  
Maximum value of SAR (measured) = 0.998 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.24

## WCDMA Band V\_RMC 12.2Kbps\_Right Cheek\_Ch4233

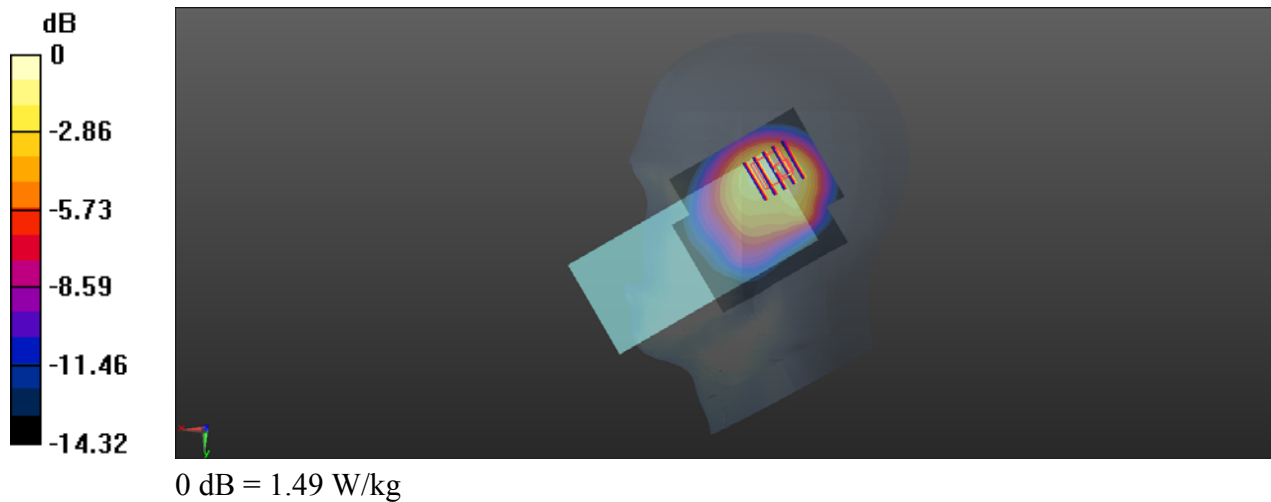
Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 41.464$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 836.4 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch4233/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.49 W/kg

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.46 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.72 W/kg  
**SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.529 W/kg**  
Maximum value of SAR (measured) = 1.29 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.19

## 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\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 38.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 0.905 W/kg

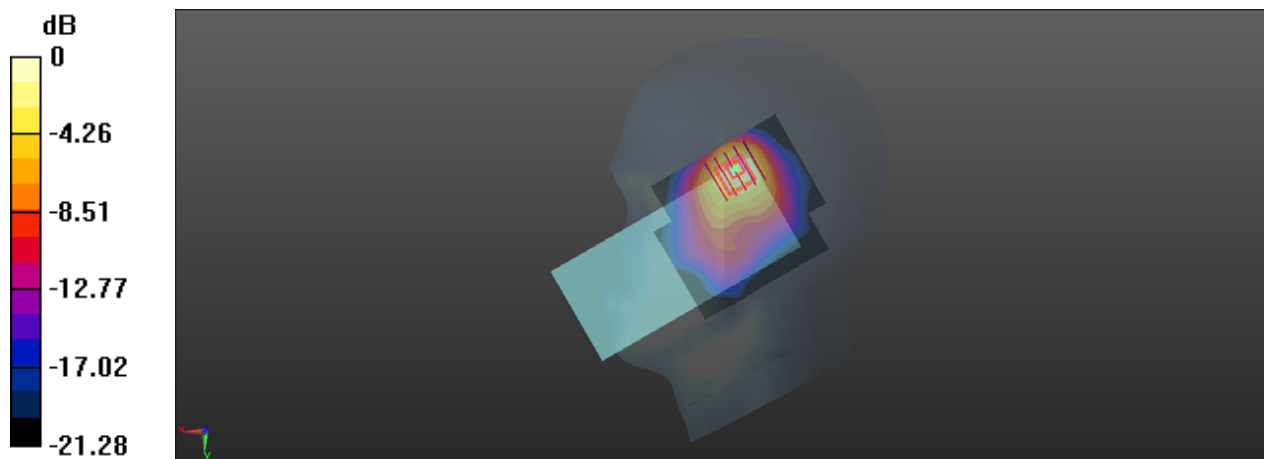
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.422 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.952 W/kg

**SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.274 W/kg**

Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.905 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.24

**LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch20600**

Communication System: UID 0, LTE (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL\_900 Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 41.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 844 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: DAE4 Sn480; Calibrated: 2023.09.19
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20600/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

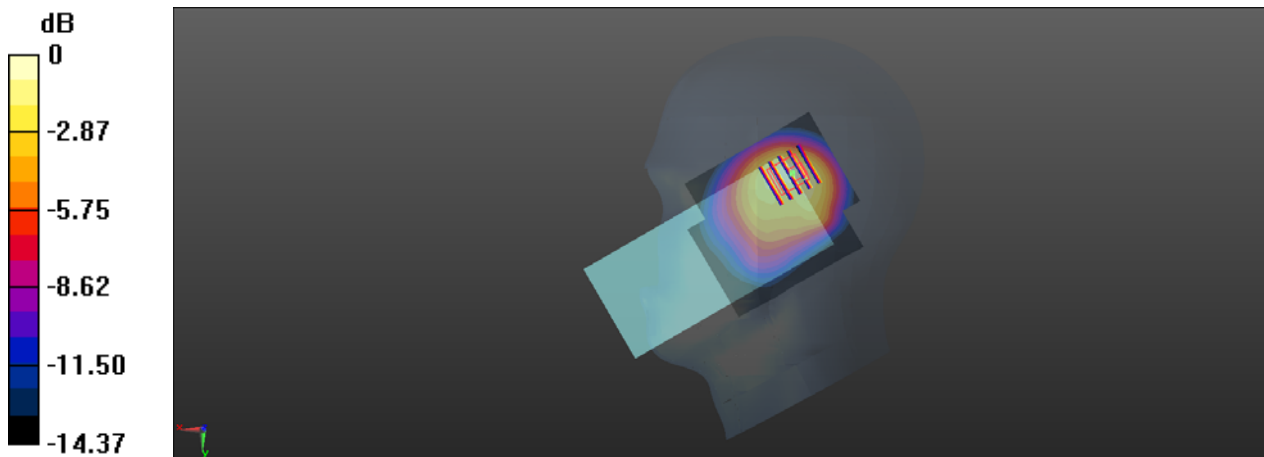
**Ch20600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.525 W/kg**

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



0 dB = 1.43 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.28

**LTE Band 7\_20MHz\_QPSK\_1RB\_0Offset\_Left Cheek\_Ch21350**

Communication System: UID 0, LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.761$  S/m;  $\epsilon_r = 39.642$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.04, 7.04, 7.04) @ 2560 MHz; Calibrated: 2023.09.14

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn480; Calibrated: 2023.09.19

- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch21350/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.428 W/kg

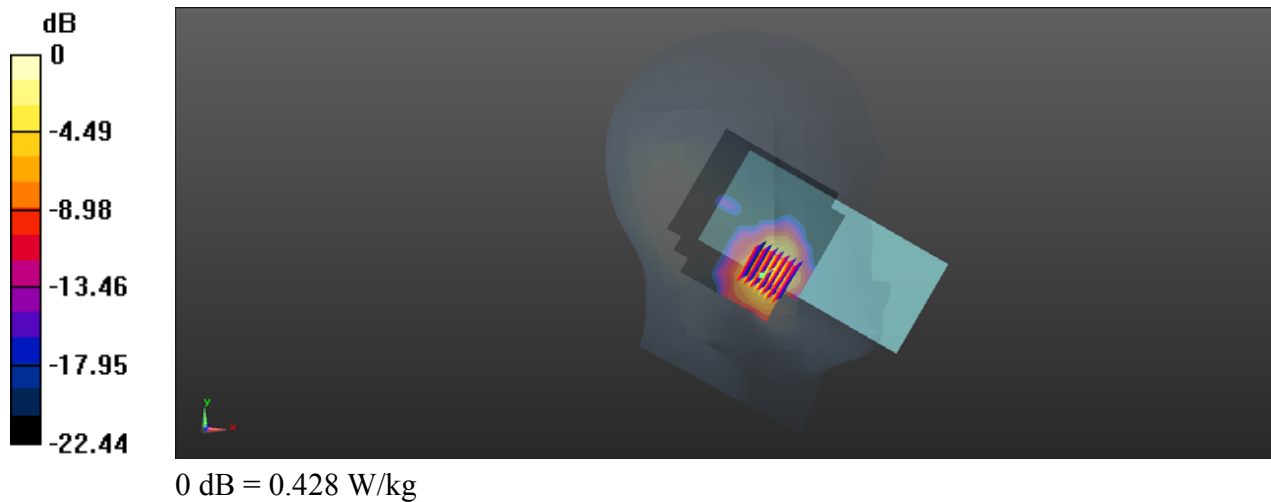
**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.926 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 0.447 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.04

## 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;  $\sigma = 0.865$  S/m;  $\epsilon_r = 42.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 707.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 1.15 W/kg

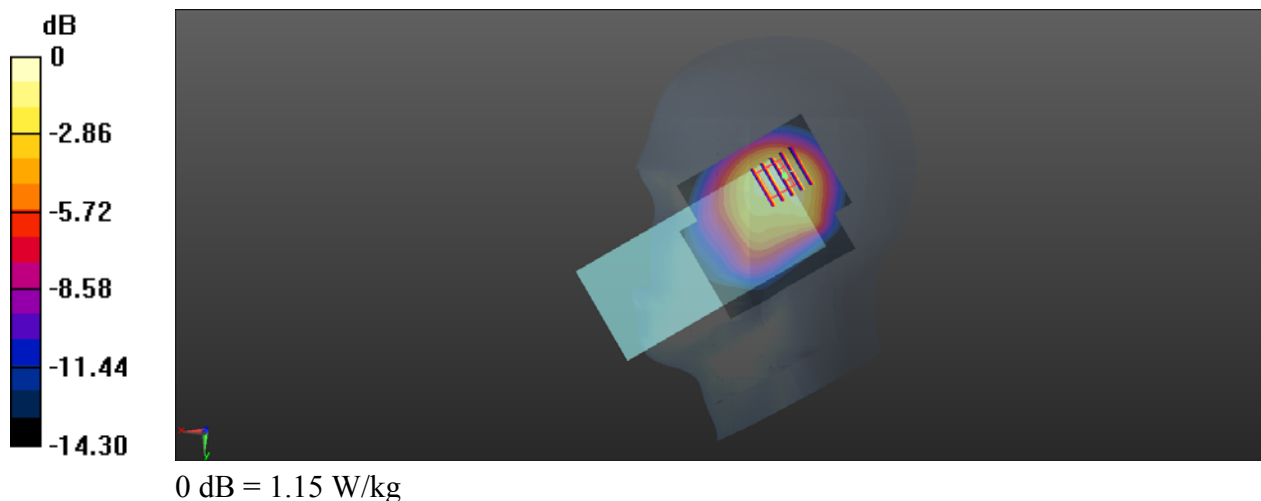
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.74 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.437 W/kg**

Maximum value of SAR (measured) = 0.989 W/kg





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.04

**LTE Band 14\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23330**

Communication System: UID 0, LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL\_750 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 41.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 793 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23330/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

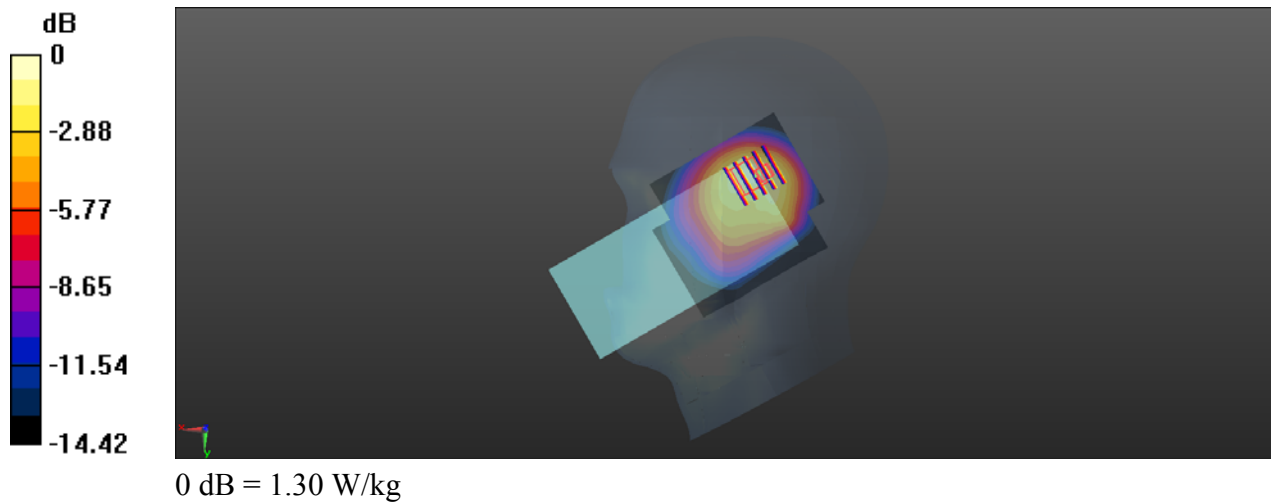
**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.85 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.486 W/kg**

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



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.24

## LTE Band 26\_15MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch26965

Communication System: UID 0, LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL\_900 Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 41.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 841.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch26965/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

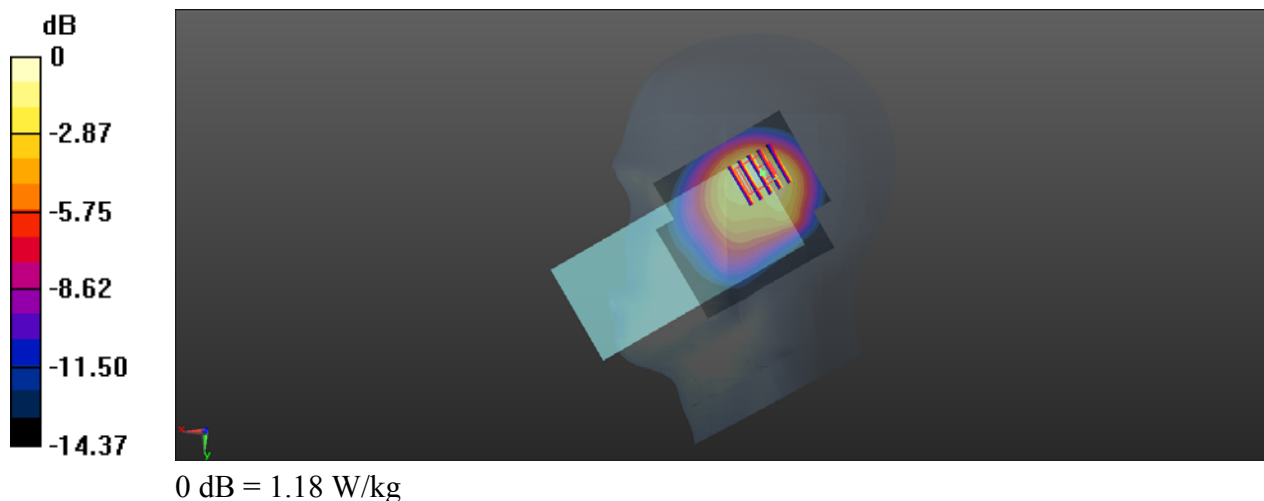
**Ch26965/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.08 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.438 W/kg**

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



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.28

**LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch38000**

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

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.762$  S/m;  $\epsilon_r = 37.479$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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 (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

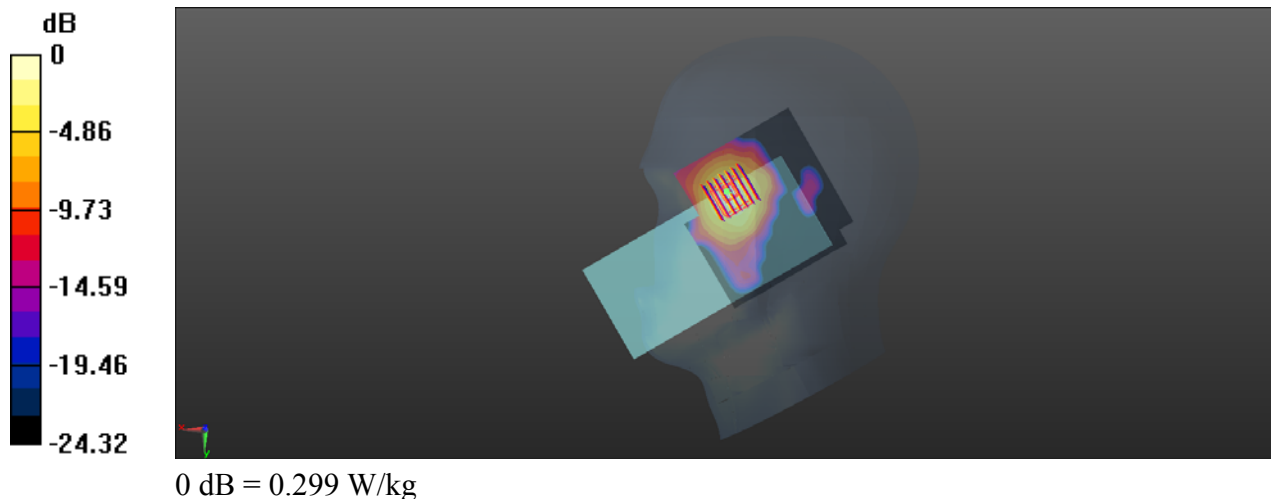
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.145 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.416 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.299 W/kg



## LTE Band 40\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch38750

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.648$  S/m;  $\epsilon_r = 37.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.5, 7.5, 7.5) @ 2310 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CB; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38750/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.332 W/kg

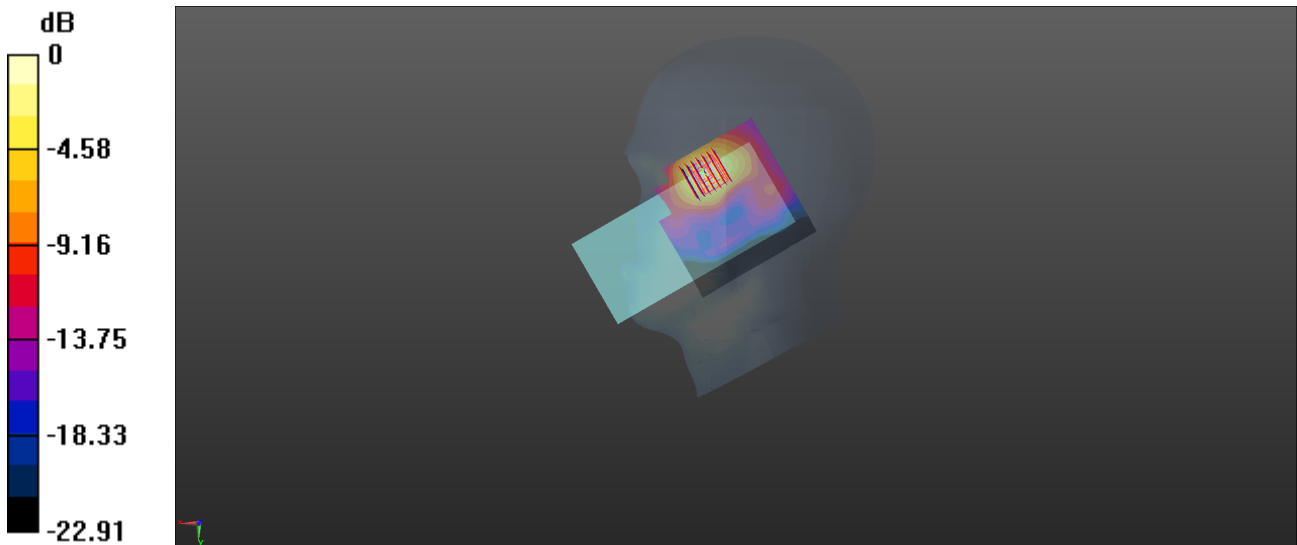
**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.675 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.446 W/kg

**SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.120 W/kg**

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



0 dB = 0.364 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.28

**LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch40620**

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 39.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.04, 7.04, 7.04) @ 2593 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch40620/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.245 W/kg

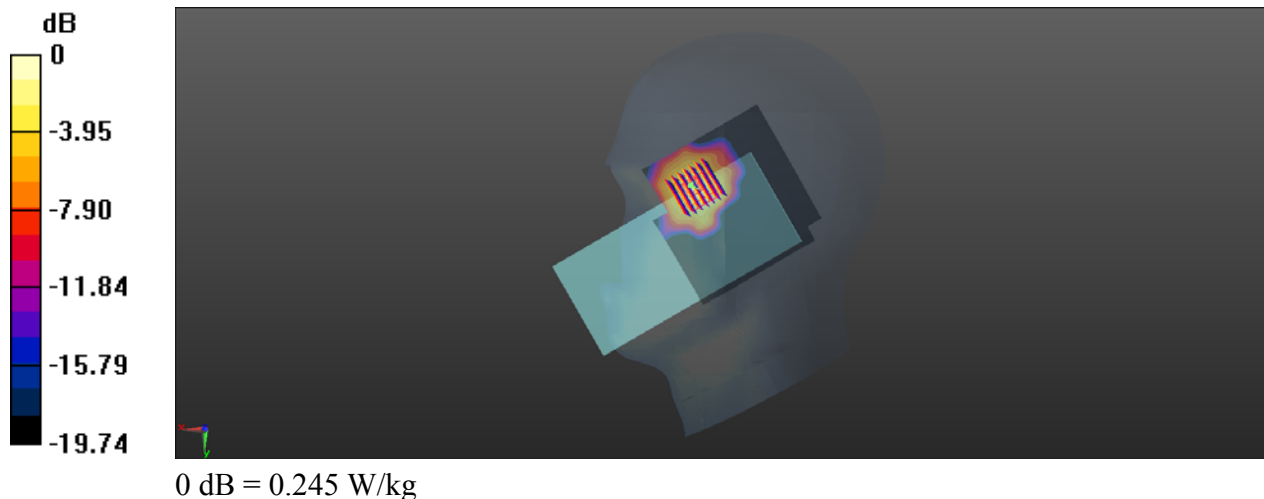
**Ch40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.9250 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.302 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.219 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.27

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

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

Medium: HSL\_1800 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1745 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 1.03 W/kg

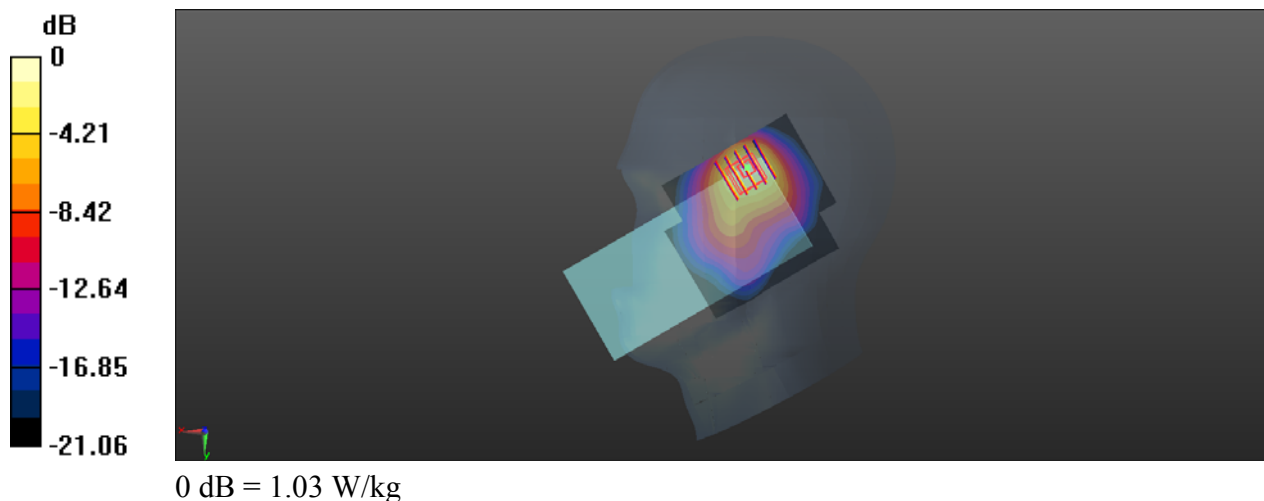
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.30 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.349 W/kg**

Maximum value of SAR (measured) = 0.861 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.19

**5G NR n2\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Right Cheek\_Ch372000**

Communication System: UID 0, 5G NR (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.331$  S/m;  $\epsilon_r = 38.887$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1860 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch372000/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

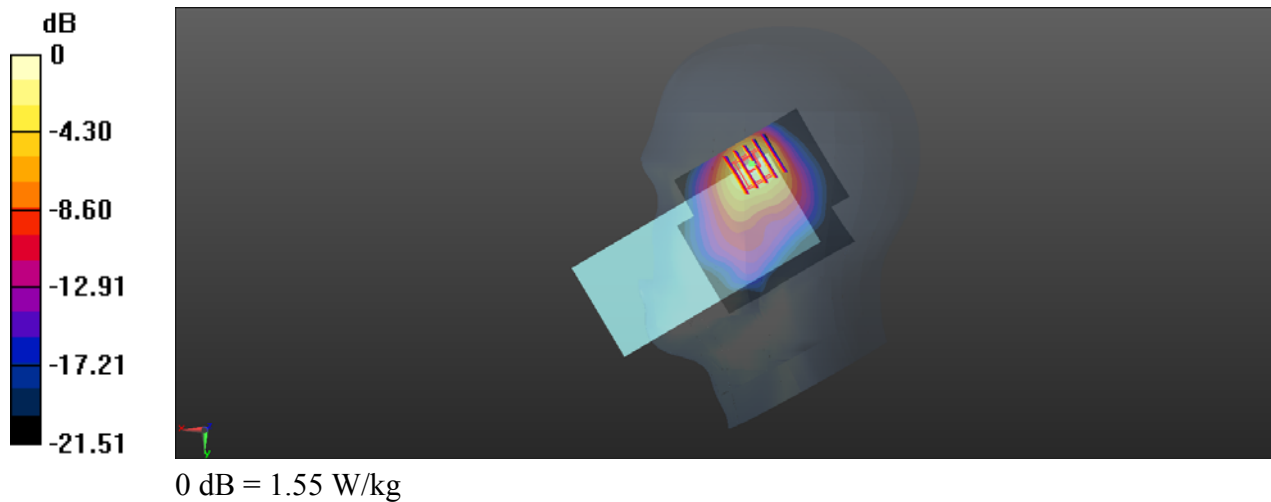
**Ch372000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.73 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.487 W/kg**

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



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.24

**5G NR n5\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Right Cheek\_Ch167300**

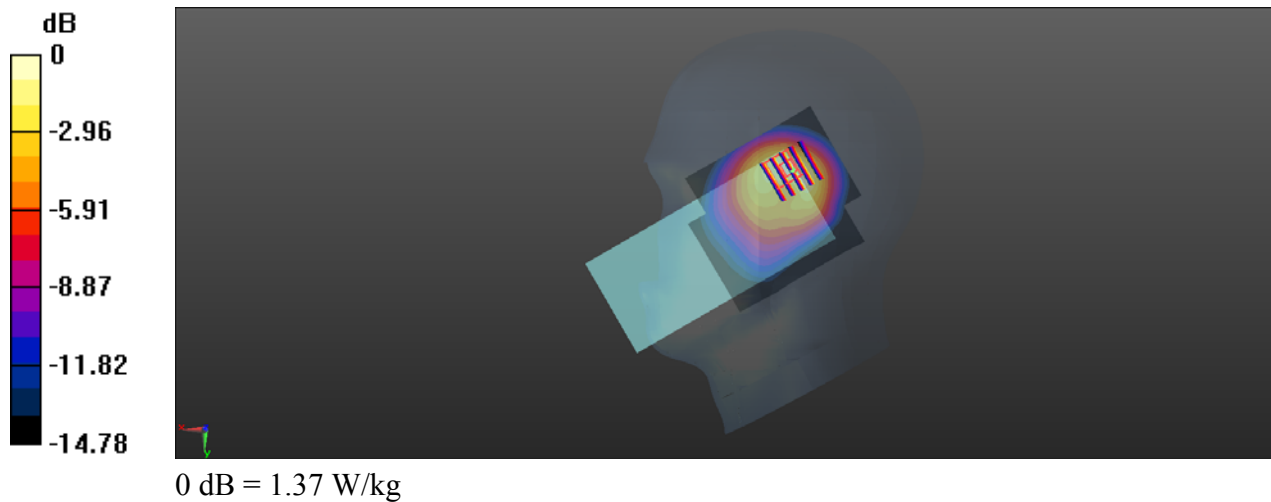
Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 836.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch167300/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.37 W/kg

**Ch167300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.72 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 1.56 W/kg  
**SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.425 W/kg**  
Maximum value of SAR (measured) = 1.18 W/kg





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.27

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

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1800 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1745 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch349000/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

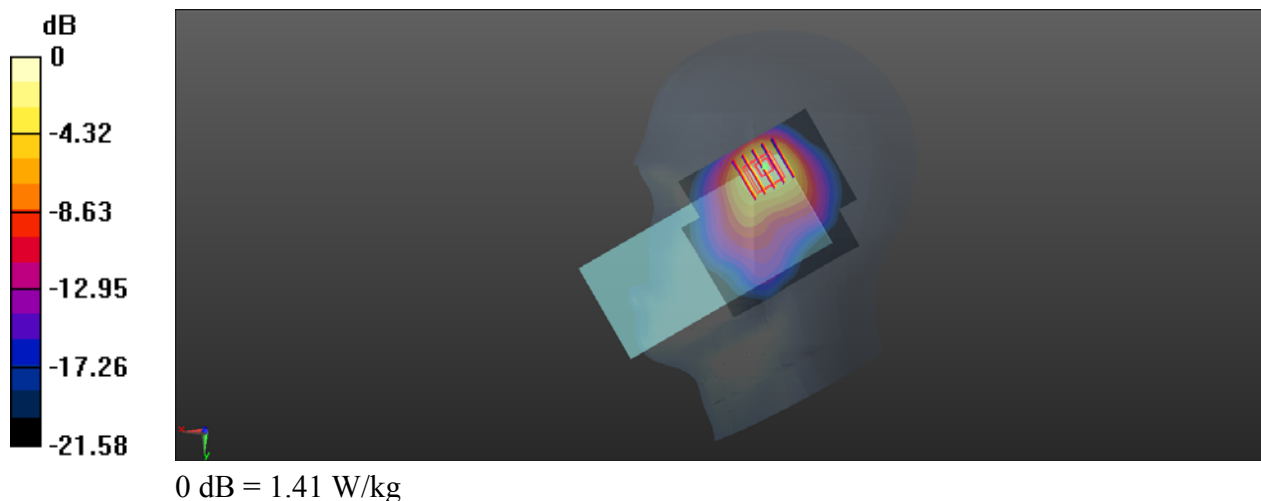
**Ch349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.20 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.459 W/kg**

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



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.06

**5G NR n77\_100MHz\_DFT-S-QPSK\_1RB\_1Offset\_Right Cheek\_Ch633334**

Communication System: UID 0, 5G NR (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL\_3500 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.869$  S/m;  $\epsilon_r = 37.541$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(6.8, 6.8, 6.8) @ 3500 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch633334/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

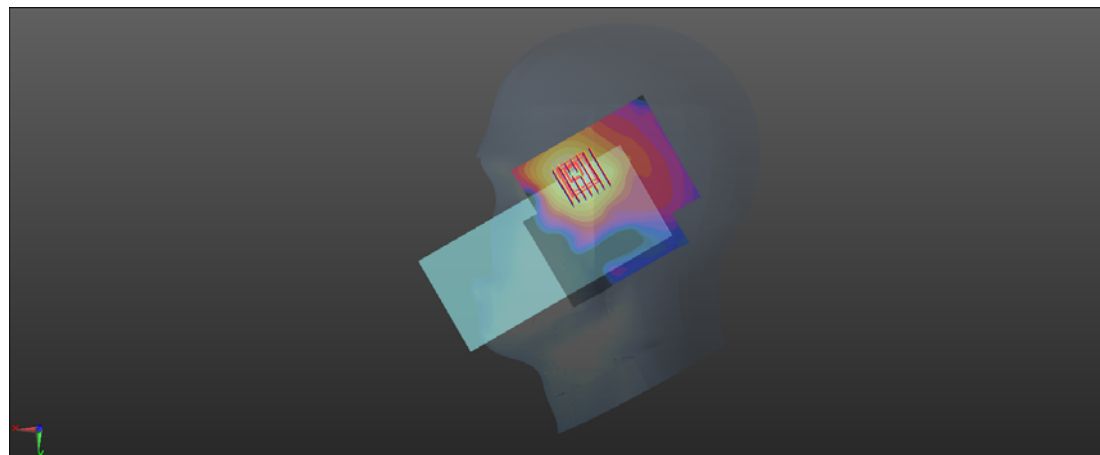
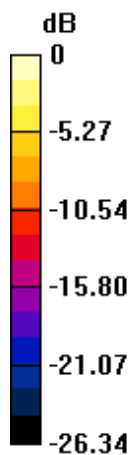
**Ch633334/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.659 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.42 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.450 W/kg**

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



0 dB = 1.67 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.26

## WLAN 2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.826$  S/m;  $\epsilon_r = 38.806$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2462 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch11/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.547 W/kg

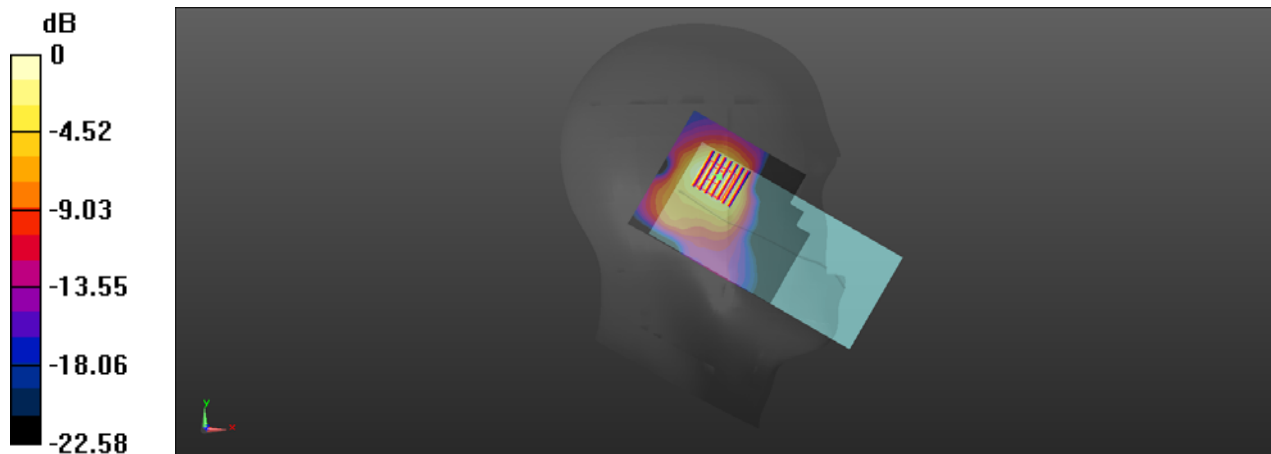
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.891 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.553 W/kg



0 dB = 0.547 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.25

## WLAN 5.2GHz\_802.11a 6Mbps\_Left Cheek\_Ch44

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_5250 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 4.616$  S/m;  $\epsilon_r = 35.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.21, 5.21, 5.21) @ 5220 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch44/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.456 W/kg

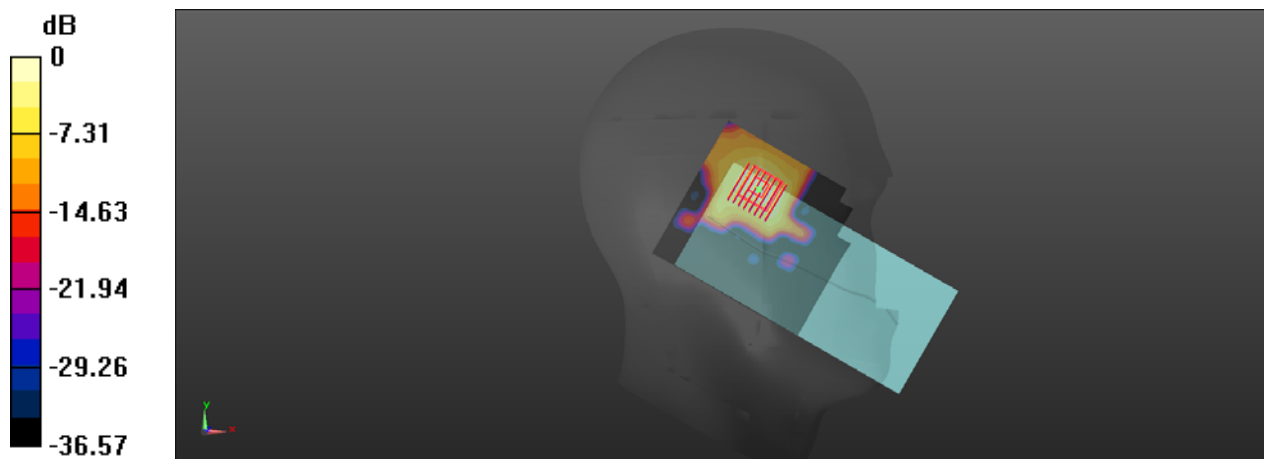
**Ch44/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.363 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.959 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.456 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.25

## WLAN 5.3GHz\_802.11a 6Mbps\_Left Cheek\_Ch52

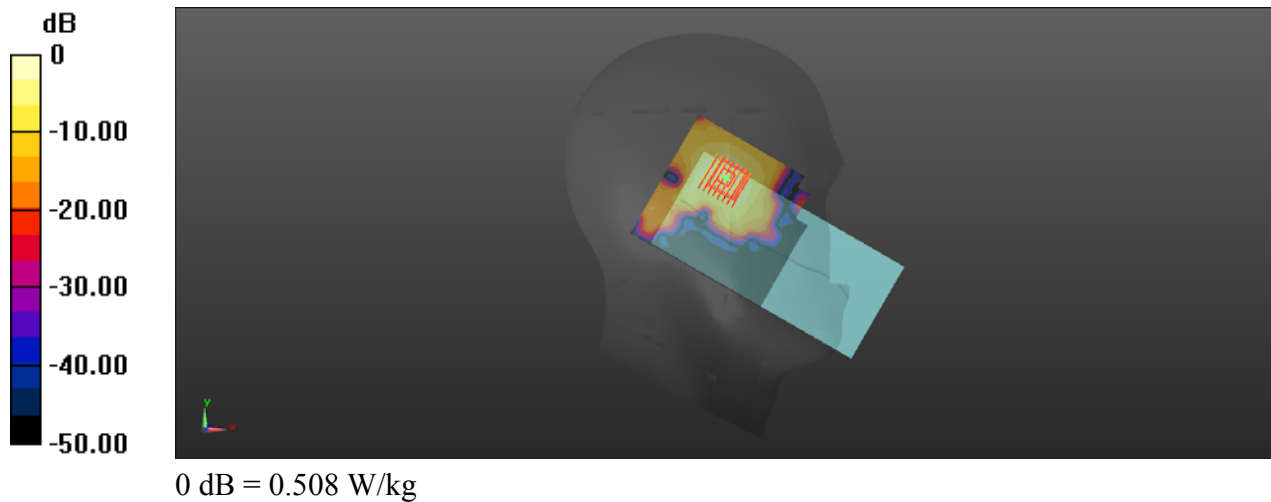
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_5250 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.716$  S/m;  $\epsilon_r = 35.917$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.21, 5.21, 5.21) @ 5260 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch52/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.508 W/kg

**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 2.644 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 1.05 W/kg  
**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.081 W/kg**  
Maximum value of SAR (measured) = 0.483 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.23

**WLAN 5.5GHz\_802.11ac-VHT40 MCS0\_Left Cheek\_Ch126**

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5630 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5600 Medium parameters used:  $f = 5630$  MHz;  $\sigma = 5.47$  S/m;  $\epsilon_r = 35.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.55, 4.55, 4.55) @ 5630 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 0.576 W/kg

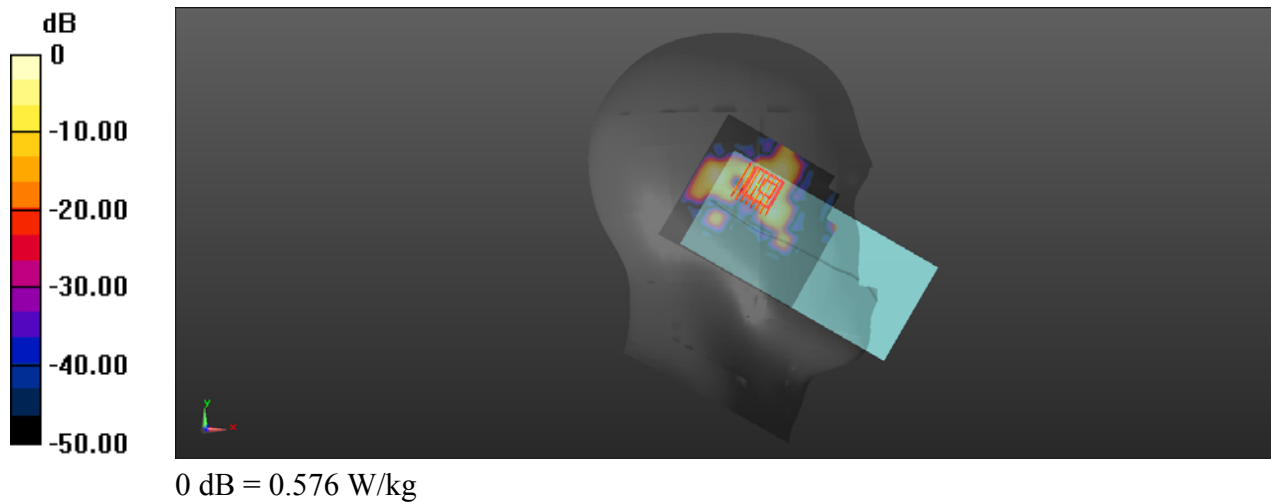
**Ch126/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.380 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.23

## WLAN 5.8GHz\_802.11a 6Mbps\_Left Cheek\_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_5750 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.68$  S/m;  $\epsilon_r = 35.94$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.62, 4.62, 4.62) @ 5825 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch165/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.545 W/kg

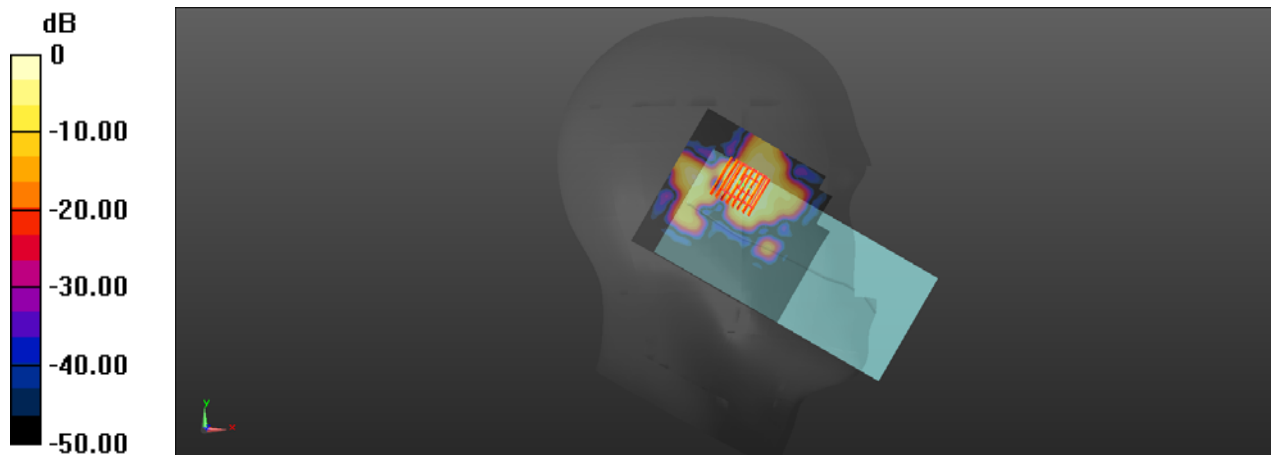
**Ch165/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 0.997 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.545 W/kg

## Bluetooth\_DH5\_Left Cheek\_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.082  
Medium: HSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.914$  S/m;  $\epsilon_r = 37.748$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2480 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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 (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0990 W/kg

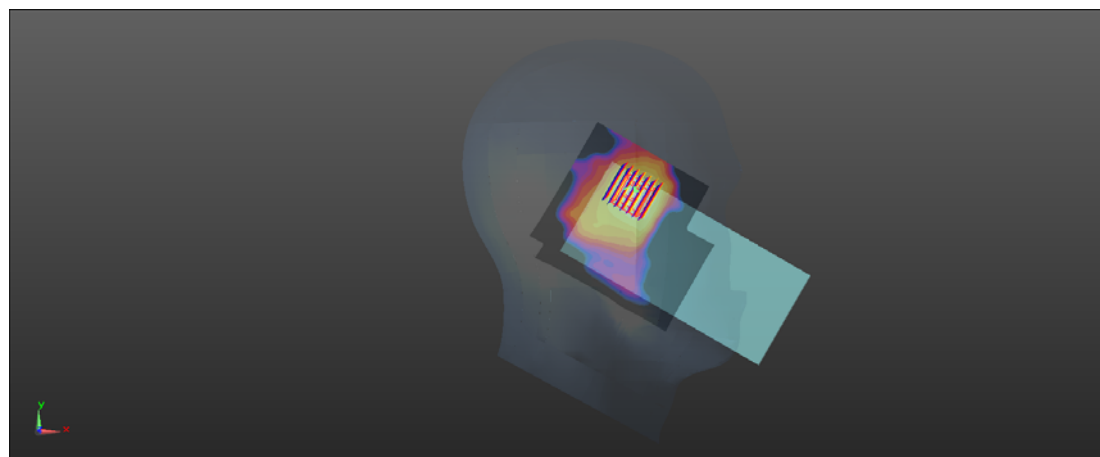
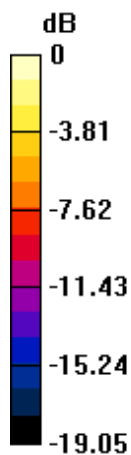
**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.000 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.128 W/kg

**SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.0948 W/kg



0 dB = 0.0990 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.21

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

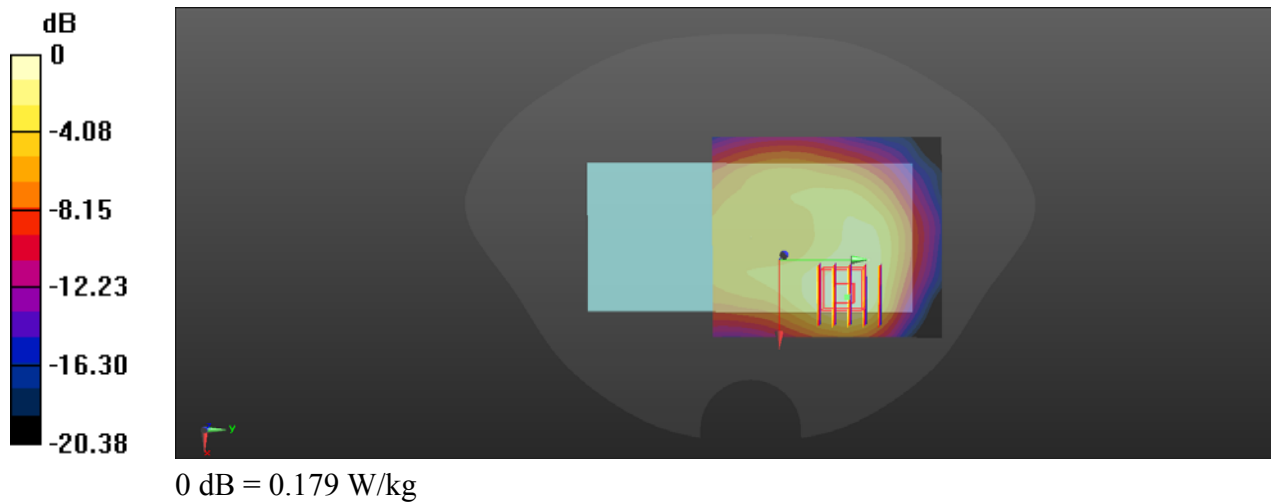
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 0.179 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.337 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.225 W/kg  
**SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.074 W/kg**  
Maximum value of SAR (measured) = 0.178 W/kg



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

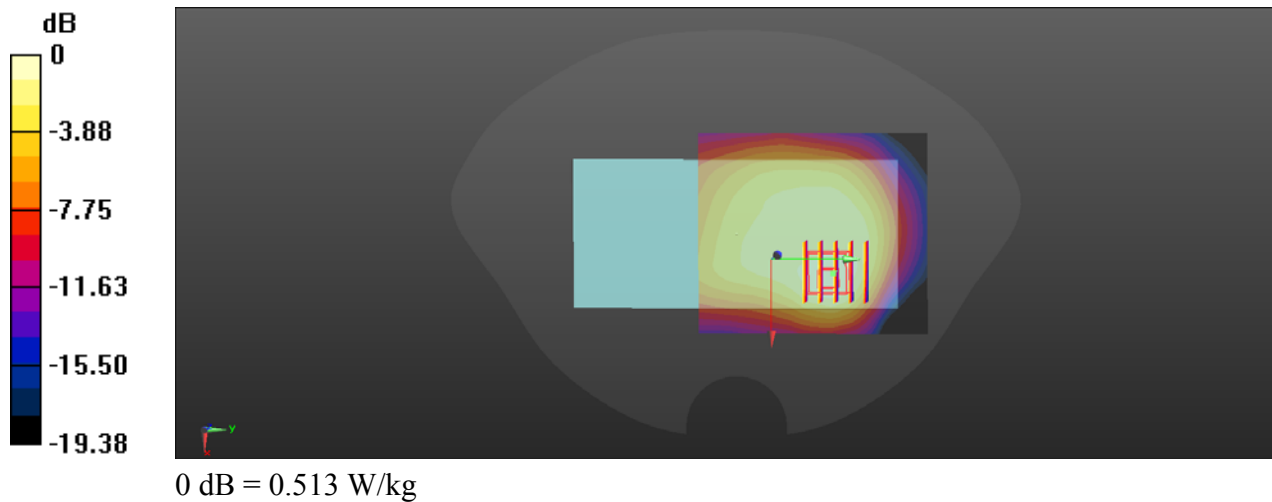
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1732.6 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 0.511 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.16 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.479 W/kg  
**SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.243 W/kg**  
Maximum value of SAR (measured) = 0.513 W/kg



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

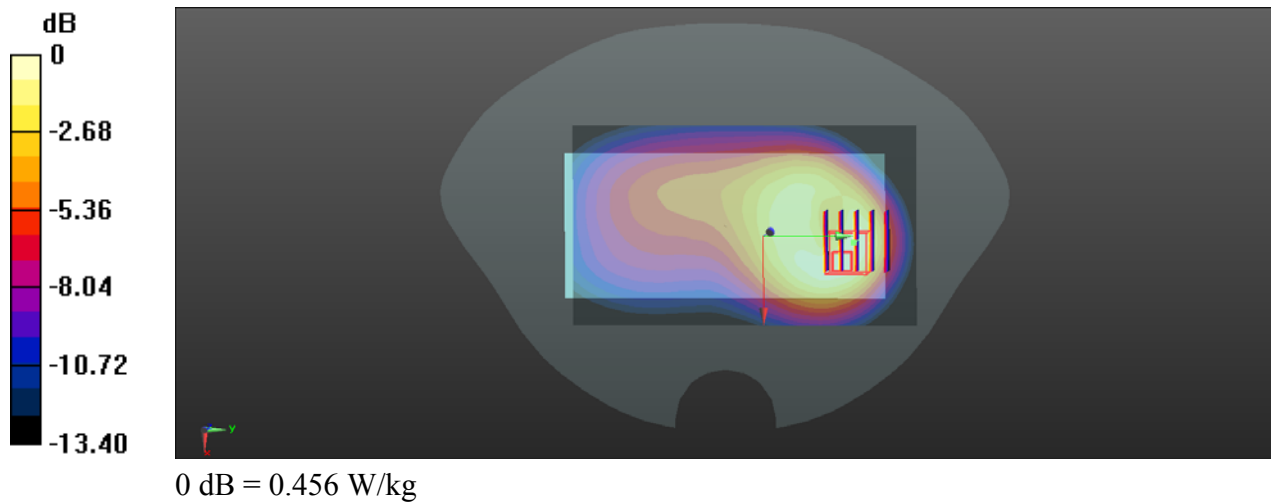
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.461$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 836.4 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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 (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.456 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.74 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.574 W/kg  
**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.207 W/kg**  
Maximum value of SAR (measured) = 0.509 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.21

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

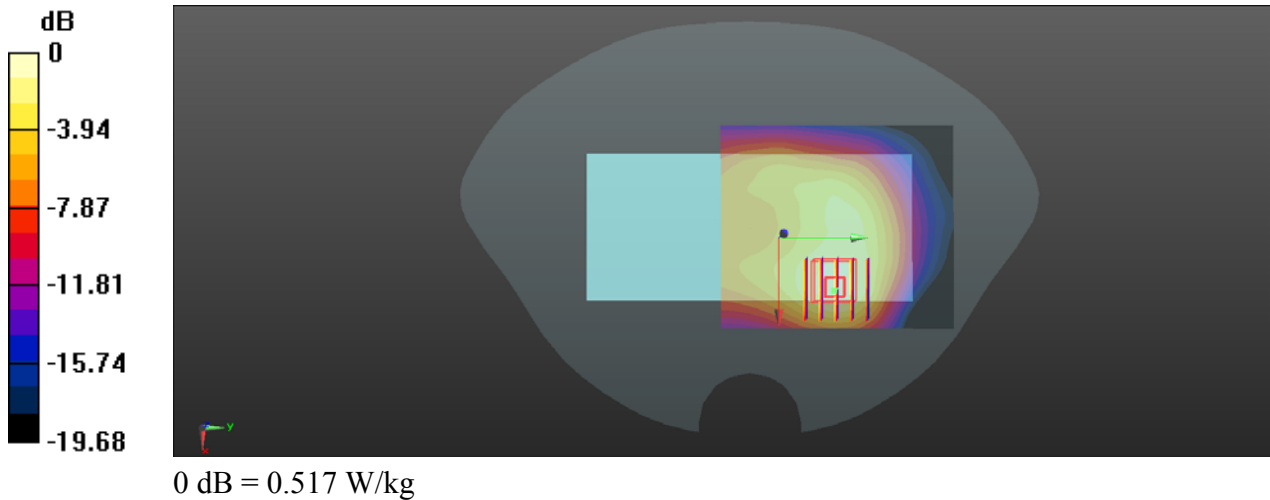
Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (3); 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) = 0.552 W/kg

**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.02 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.472 W/kg  
**SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.132 W/kg**  
Maximum value of SAR (measured) = 0.517 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.08

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

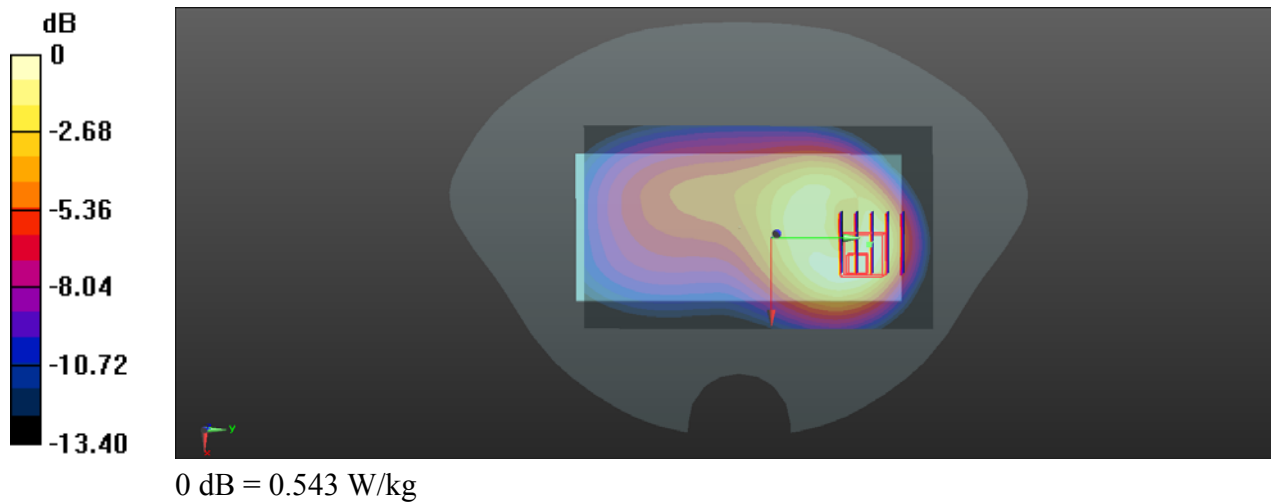
Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 836.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: DAE4 Sn480; Calibrated: 2023.09.19
- Measurement SW: DASY52, Version 52.10 (3); 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) = 0.543 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.94 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.653 W/kg  
**SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.201 W/kg**  
Maximum value of SAR (measured) = 0.509 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.28

**LTE Band 7\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch21350**

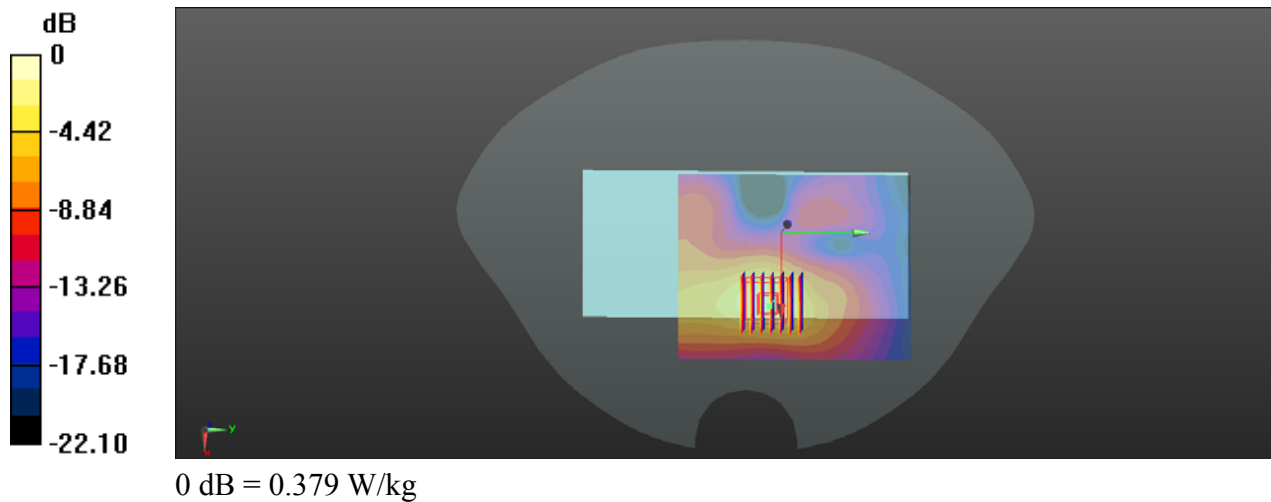
Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.761$  S/m;  $\epsilon_r = 39.642$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.04, 7.04, 7.04) @ 2535 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

**Ch21350/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.385 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.225 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.530 W/kg  
**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.124 W/kg**  
Maximum value of SAR (measured) = 0.379 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.04

**LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch23095**

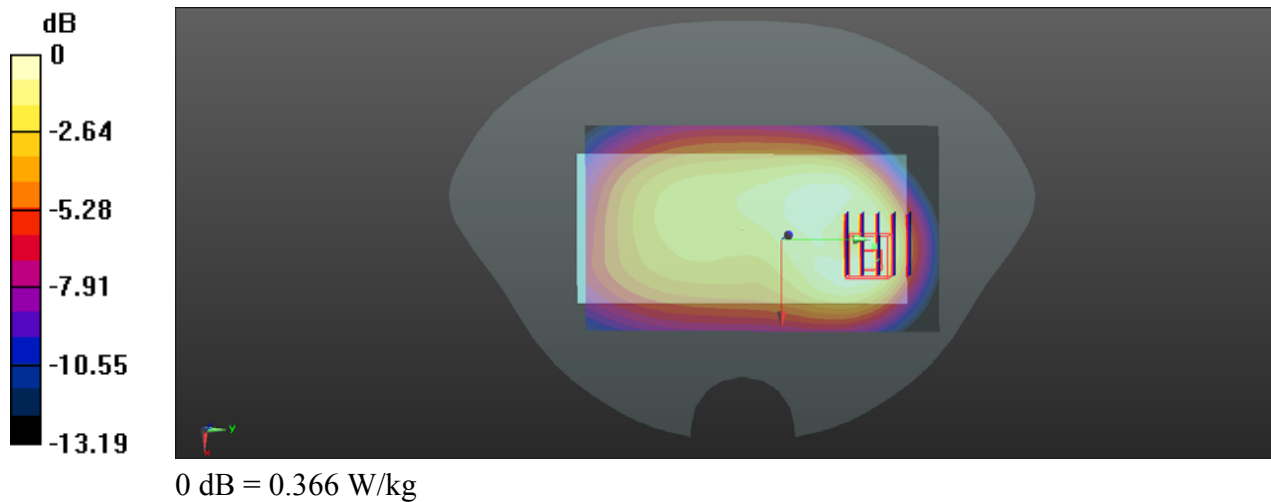
Communication System: UID 0, Generic LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 42.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 707.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (3); 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) = 0.366 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.24 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.451 W/kg  
**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.149 W/kg**  
Maximum value of SAR (measured) = 0.344 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.04

**LTE Band 14\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch23330**

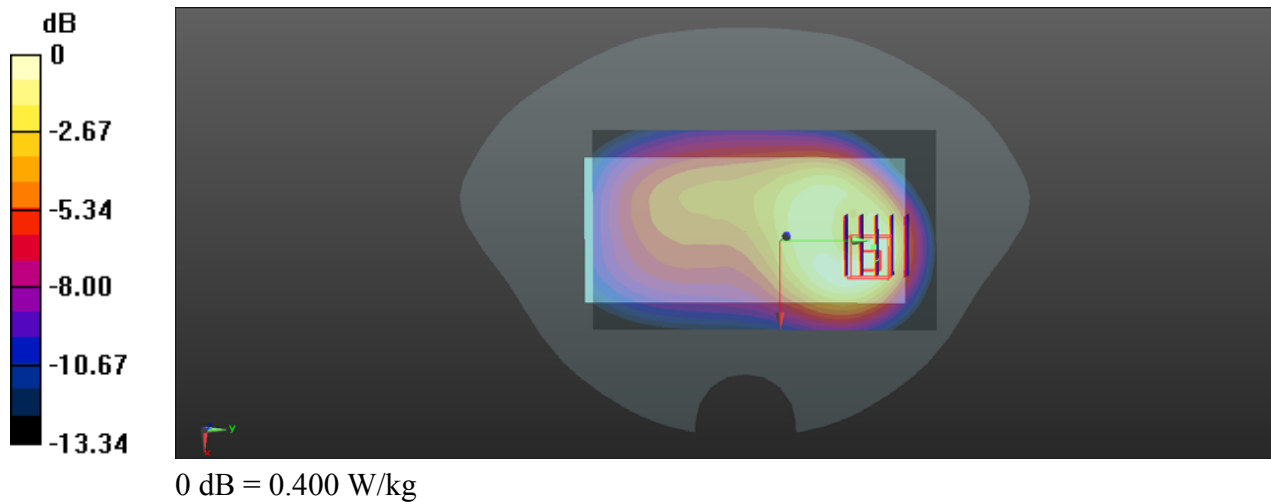
Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 41.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 793 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

**Ch23330/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.400 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 13.17 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.511 W/kg  
**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.172 W/kg**  
Maximum value of SAR (measured) = 0.415 W/kg





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.08

**LTE Band 26\_15MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch26965**

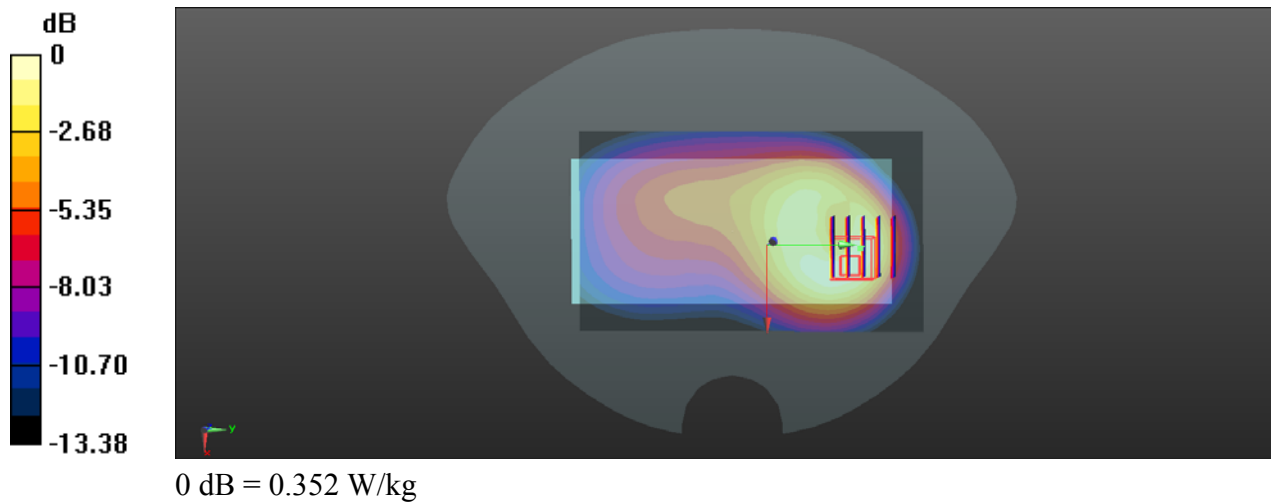
Communication System: UID 0, Generic LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 41.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 841.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

**Ch26965/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.348 W/kg

**Ch26965/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.18 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.414 W/kg  
**SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.152 W/kg**  
Maximum value of SAR (measured) = 0.352 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.28

**LTE Band 38\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch38000**

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

Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.762$  S/m;  $\epsilon_r = 37.479$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.04, 7.04, 7.04) @ 2595 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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 (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

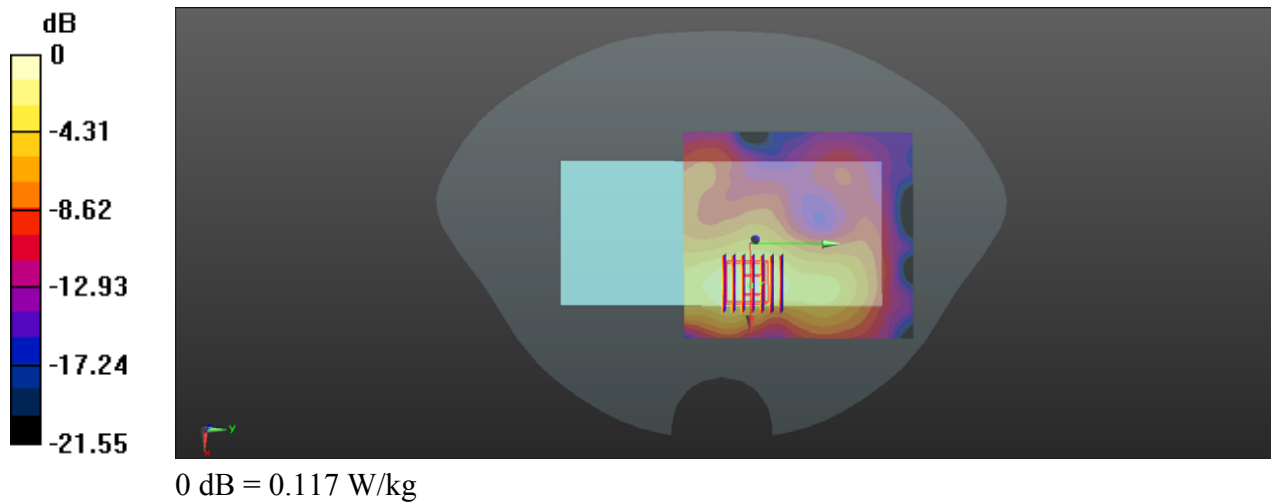
**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.011 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.162 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.039 W/kg**

Maximum value of SAR (measured) = 0.115 W/kg



## LTE Band 40\_10MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch38750

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.648$  S/m;  $\epsilon_r = 37.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.5, 7.5, 7.5) @ 2310 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38750/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

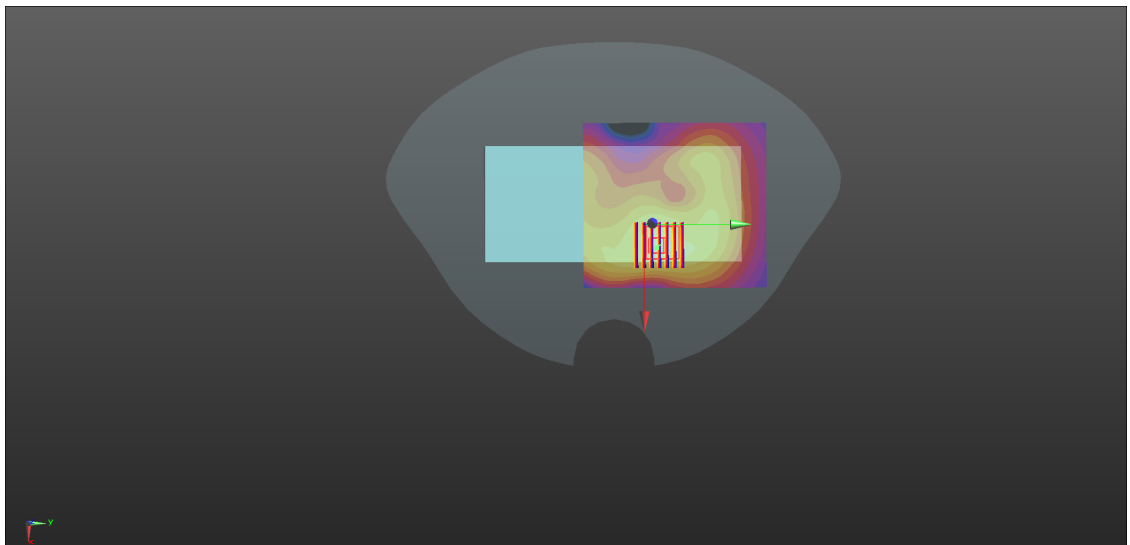
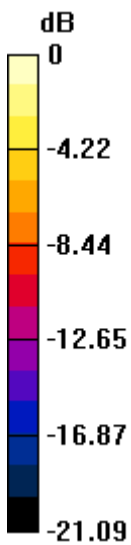
**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.644 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.069 W/kg**

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



0 dB = 0.347 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.28

**LTE Band 41\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch40620**

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.76$  S/m;  $\epsilon_r = 39.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.04, 7.04, 7.04) @ 2593 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch40620/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.122 W/kg

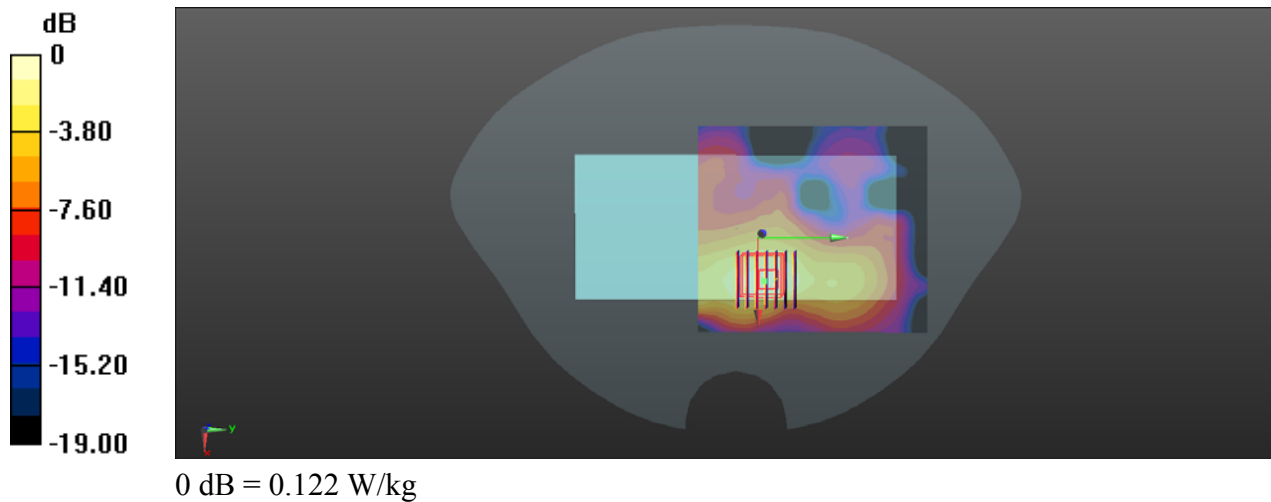
**Ch40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.177 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.189 W/kg

**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.131 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.20

**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;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1745 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 0.239 W/kg

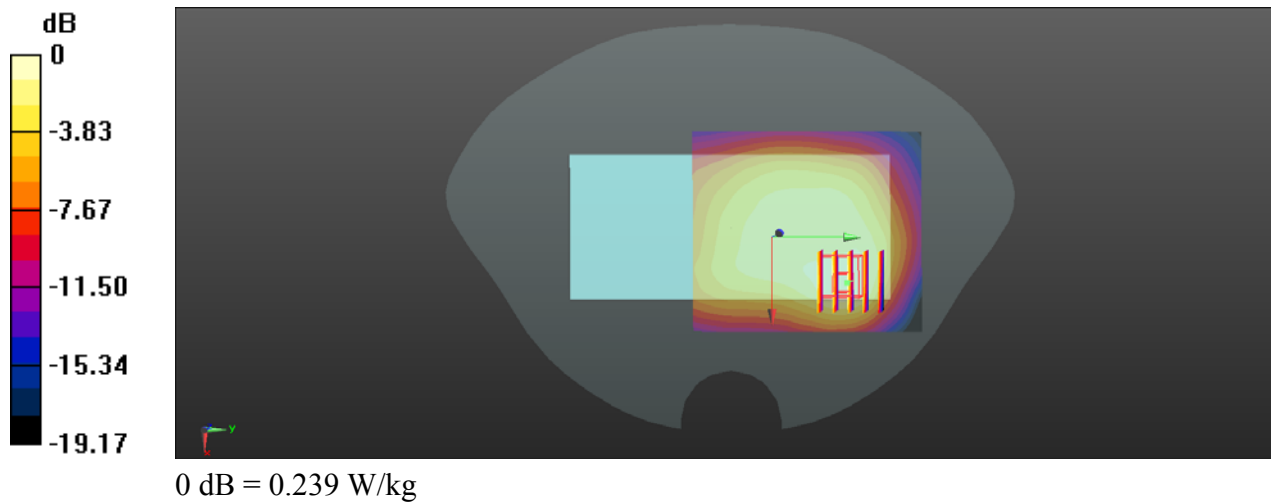
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.07 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.241 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.20

**LTE Band 66\_20MHz\_QPSK\_1RB\_0Offset\_Top 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;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1745 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 0.268 W/kg

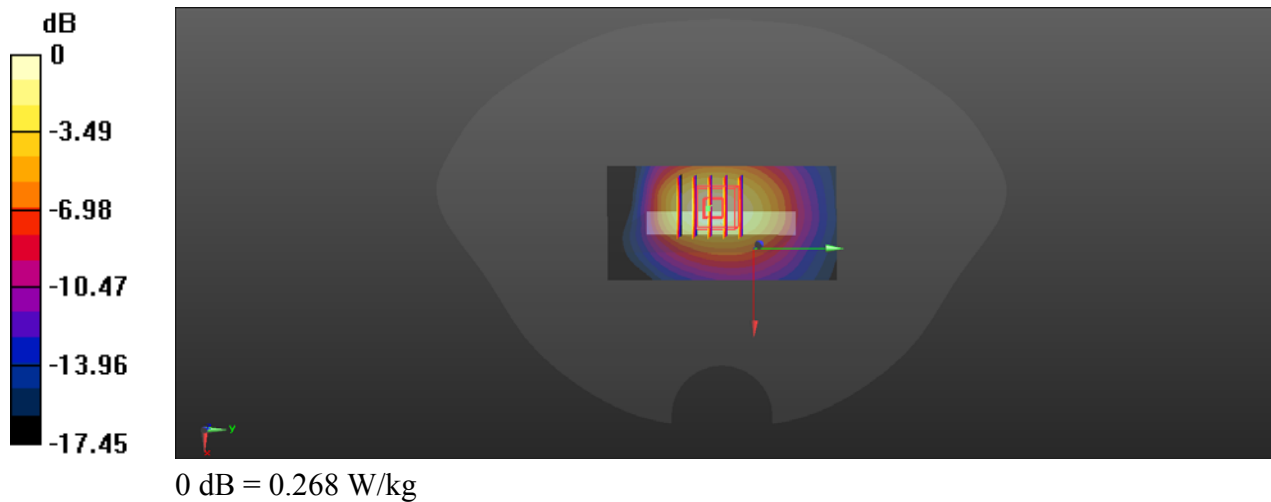
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.52 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.251 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.21

**5G NR n2\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Back Side\_10mm\_Ch376000**

Communication System: UID 0, 5G NR (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch376000/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.811 W/kg

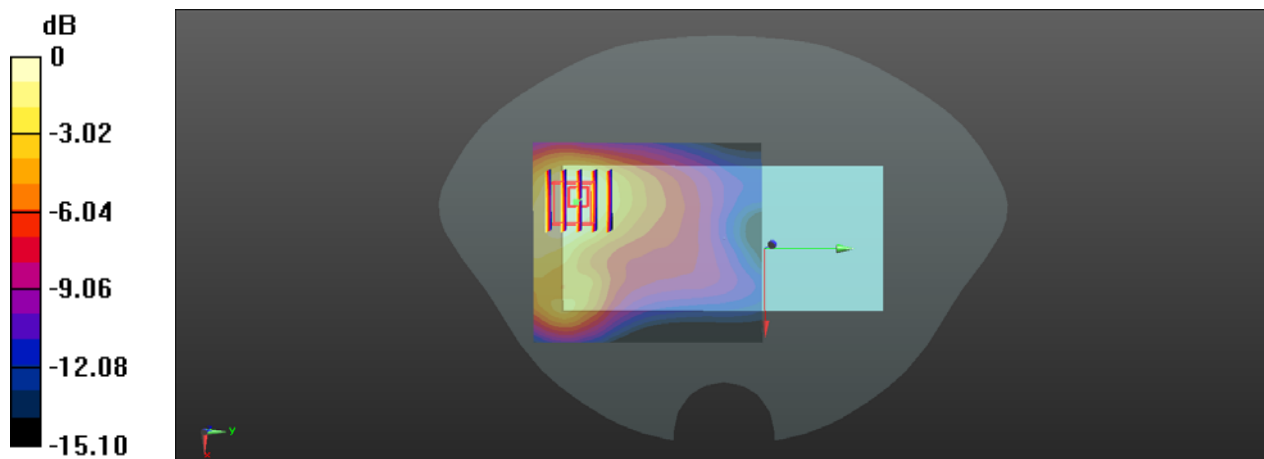
**Ch376000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.031 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.838 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 0.811 W/kg



0 dB = 0.811 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.21

**5G NR n2\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Bottom Side\_10mm\_Ch376000**

Communication System: UID 0, 5G NR (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 38.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch376000/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

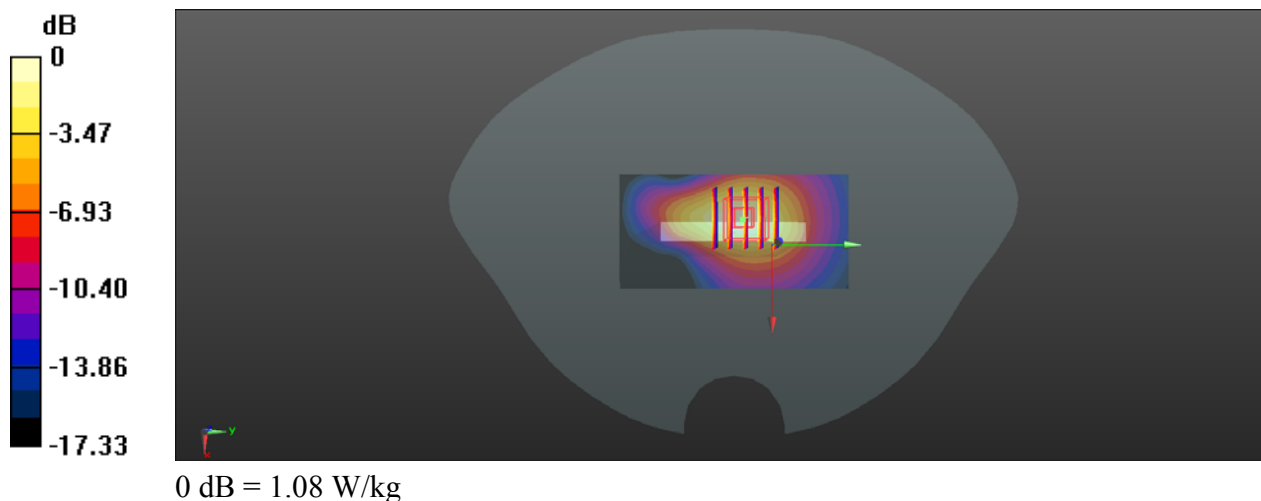
**Ch376000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.08 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.473 W/kg**

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





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.08

**5G NR n5\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Back Side\_10mm\_Ch167300**

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_900 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 836.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.14 (7483)

**Ch167300/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.273 W/kg

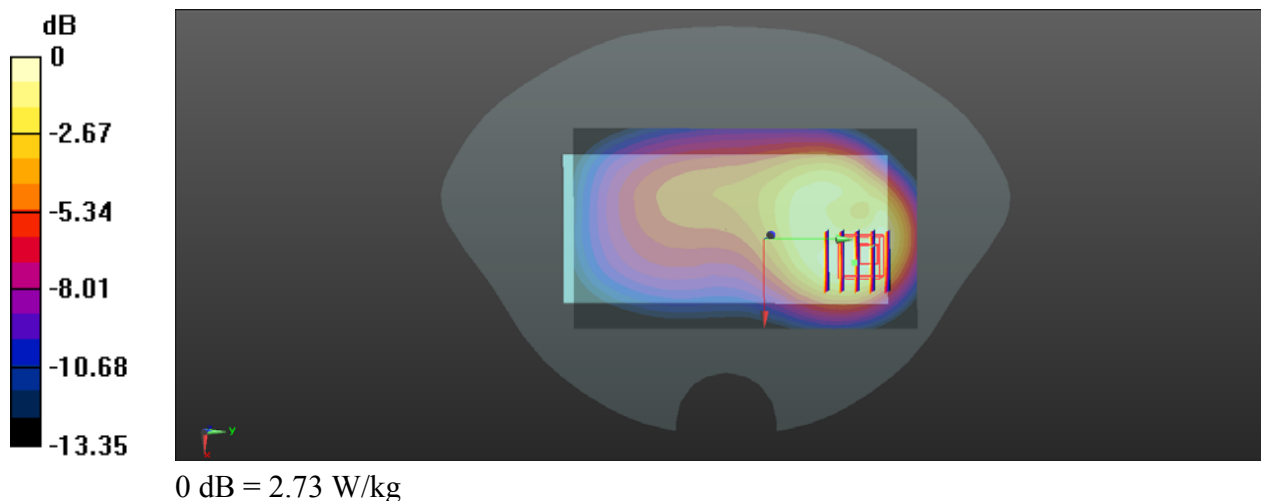
**Ch167300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.102 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.335 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.263 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.20

**5G NR n66\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Back Side\_10mm\_Ch349000**

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1800 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1745 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch349000/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.283 W/kg

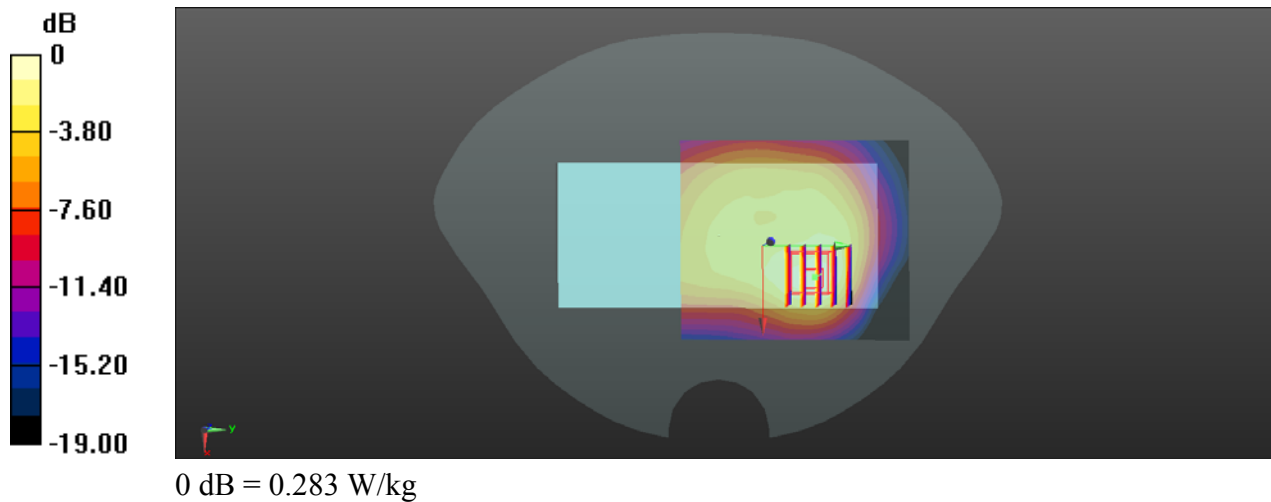
**Ch349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.969 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.255 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.20

**5G NR n66\_20MHz\_DFT-S-QPSK\_1RB\_1Offset\_Top Side\_10mm\_Ch349000**

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1800 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.301$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1745 MHz; Calibrated: 2023.09.14

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn480; Calibrated: 2023.09.19

- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch349000/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

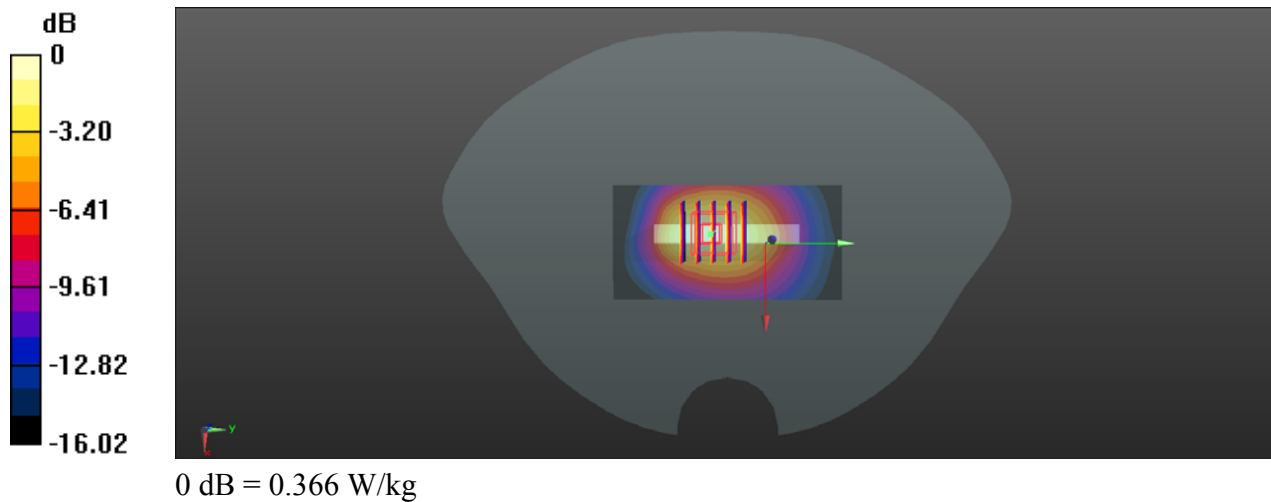
**Ch349000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.89 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.408 W/kg

**SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 0.332 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.17

## 5G NR n77\_100MHz\_DFT-S-QPSK\_1RB\_1Offset\_Back Side\_10mm\_Ch659000

Communication System: UID 0, 5G NR (0); Frequency: 3885 MHz; Duty Cycle: 1:1

Medium: HSL\_3900 Medium parameters used:  $f = 3885$  MHz;  $\sigma = 2.773$  S/m;  $\epsilon_r = 38.857$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(6.8, 6.8, 6.8) @ 3885 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch659000/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

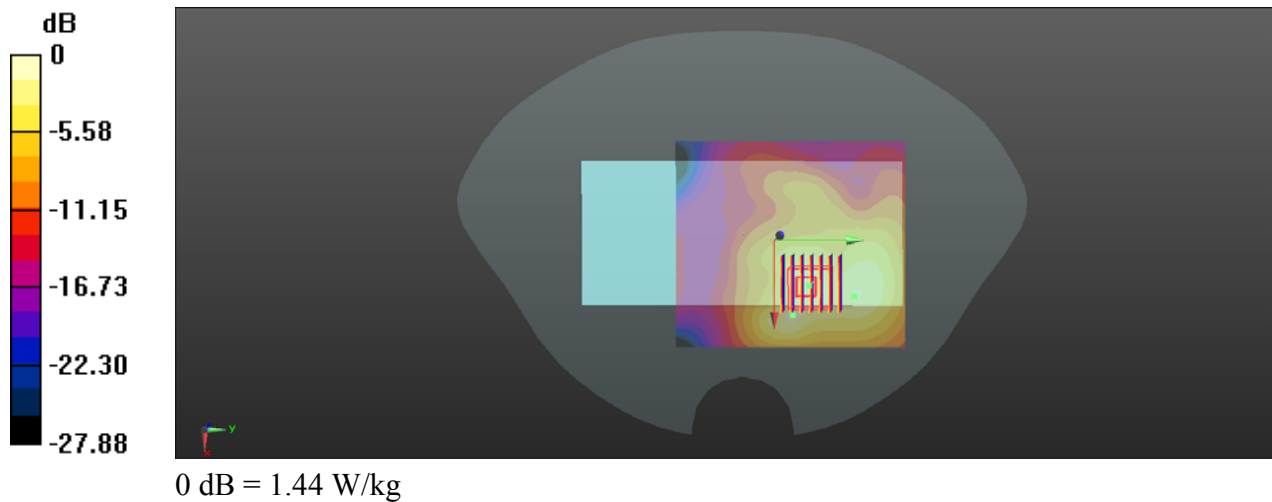
**Ch659000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.673 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.36 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.336 W/kg**

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



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.26

## WLAN 2.4GHz\_802.11b 1Mbps\_Back Sied\_10mm\_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.826$  S/m;  $\epsilon_r = 38.806$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2462 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch11/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.195 W/kg

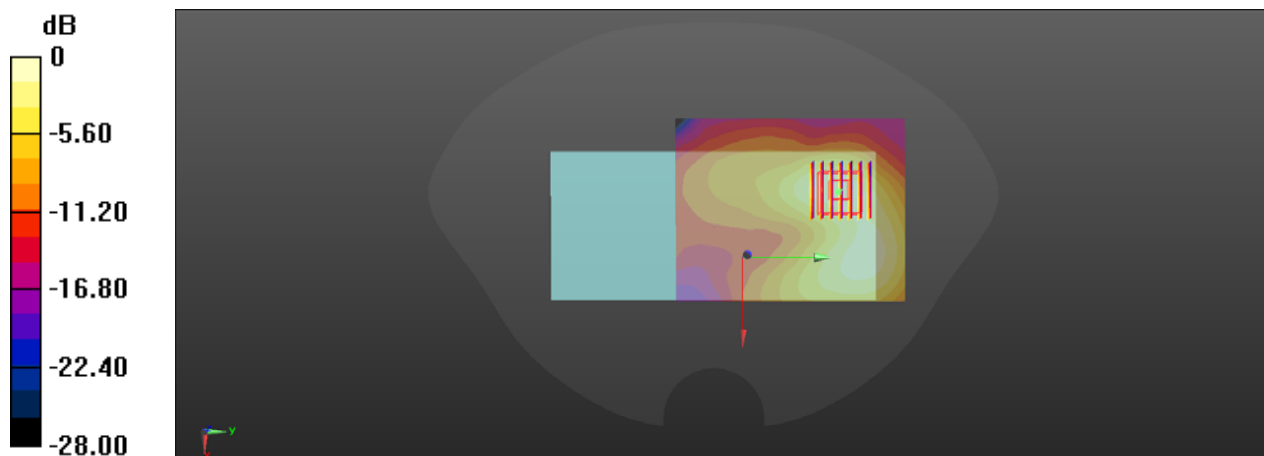
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.489 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.251 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.195 W/kg

## WLAN 5.2GHz\_802.11a 6Mbps\_Back Side\_10mm\_Ch44

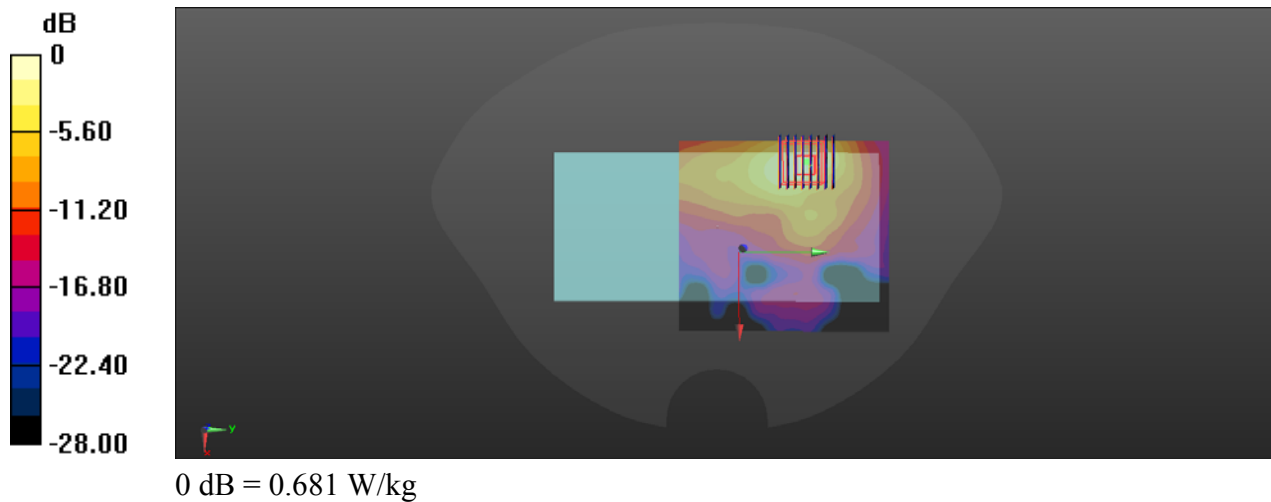
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_5250 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 4.616$  S/m;  $\epsilon_r = 35.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.21, 5.21, 5.21) @ 5220 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch44/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.681 W/kg

**Ch44/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0.5170 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 1.41 W/kg  
**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.130 W/kg**  
Maximum value of SAR (measured) = 0.690 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.25

## WLAN 5.3GHz\_802.11a 6Mbps\_Back Side\_10mm\_Ch52

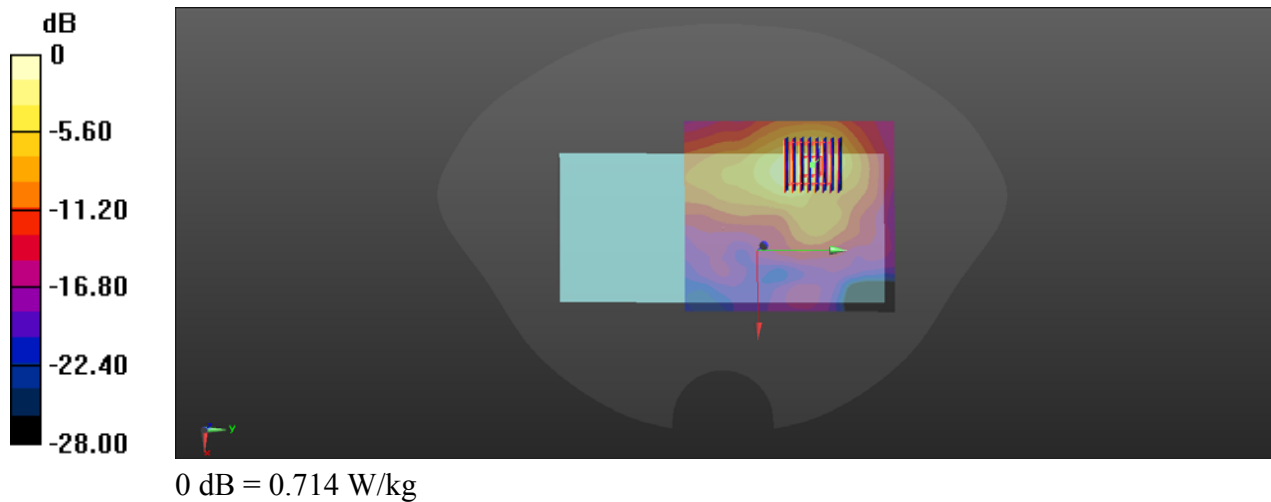
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_5250 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.716$  S/m;  $\epsilon_r = 35.917$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.21, 5.21, 5.21) @ 5260 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch52/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.714 W/kg

**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 1.704 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 1.41 W/kg  
**SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.133 W/kg**  
Maximum value of SAR (measured) = 0.700 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.23

## WLAN 5.5GHz\_802.11ac-VHT40 MCS0\_Back Side\_10mm\_Ch126

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5630 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5600 Medium parameters used:  $f = 5630$  MHz;  $\sigma = 5.47$  S/m;  $\epsilon_r = 35.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.55, 4.55, 4.55) @ 5630 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 0.463 W/kg

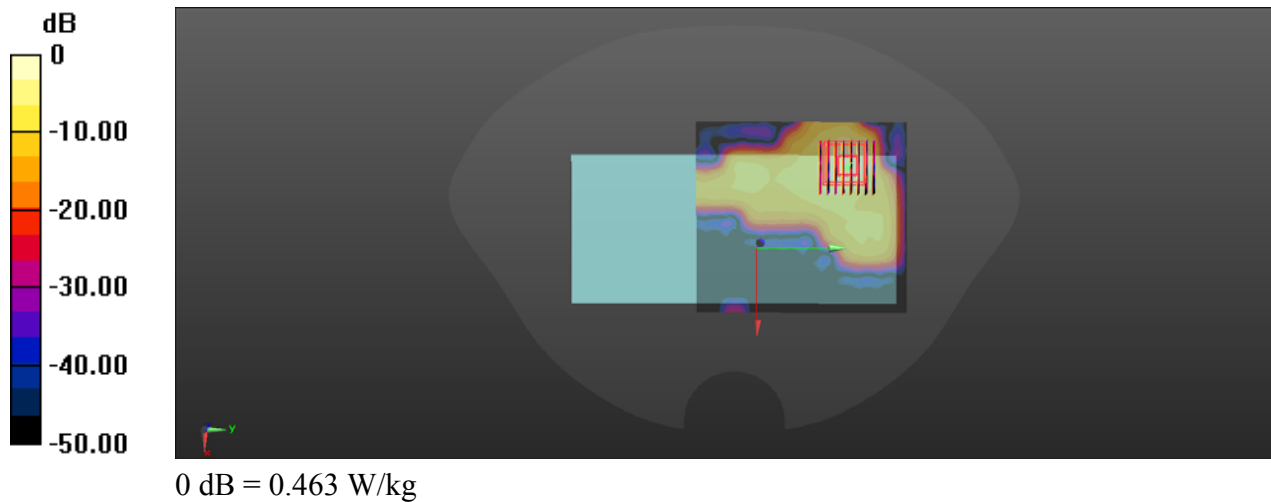
**Ch126/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.9340 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.067 W/kg**

Maximum value of SAR (measured) = 0.422 W/kg





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.23

## WLAN 5.8GHz\_802.11a 6Mbps\_Back Side\_10mm\_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_5750 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.66$  S/m;  $\epsilon_r = 38.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.62, 4.62, 4.62) @ 5825 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch165/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.550 W/kg

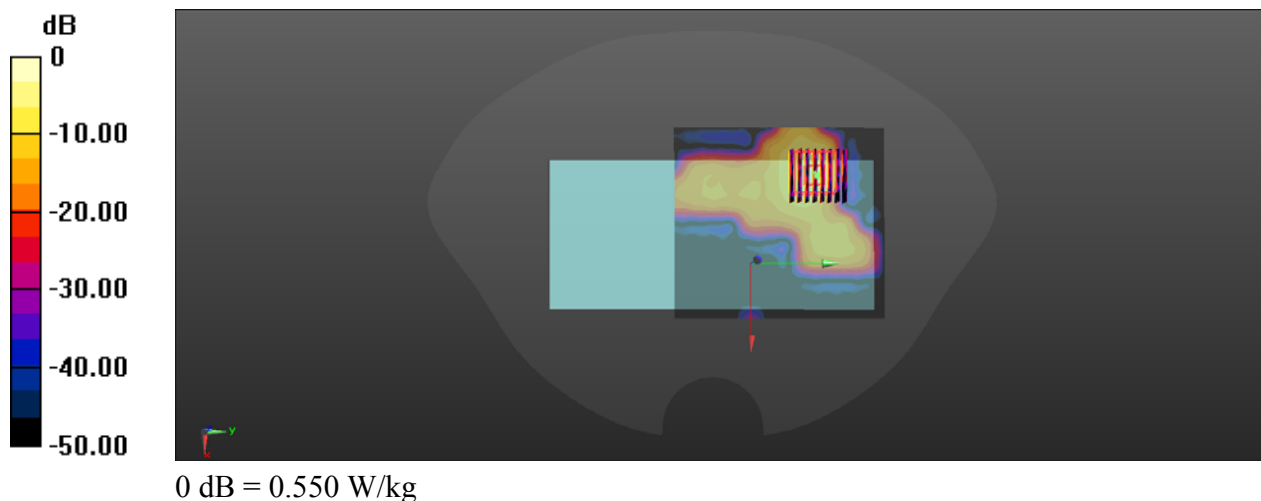
**Ch165/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.6750 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.651 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.328 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.26

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

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.082  
Medium: HSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.914$  S/m;  $\epsilon_r = 37.748$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2480 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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 (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.189 W/kg

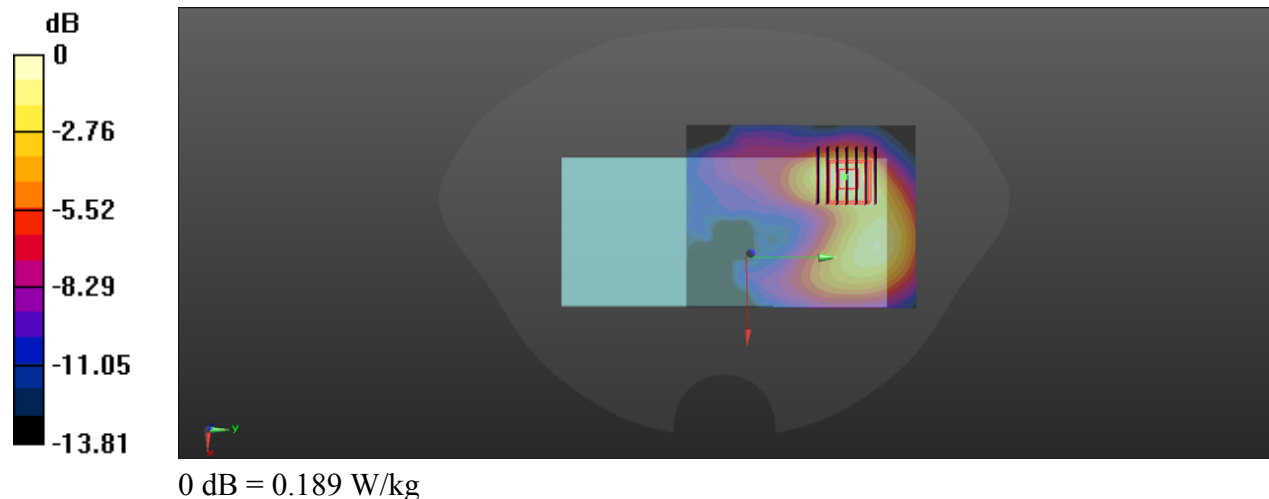
**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5350 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.179 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.25

## WLAN 5.3GHz\_802.11a 6Mbps\_Back Side\_0mm\_Ch52

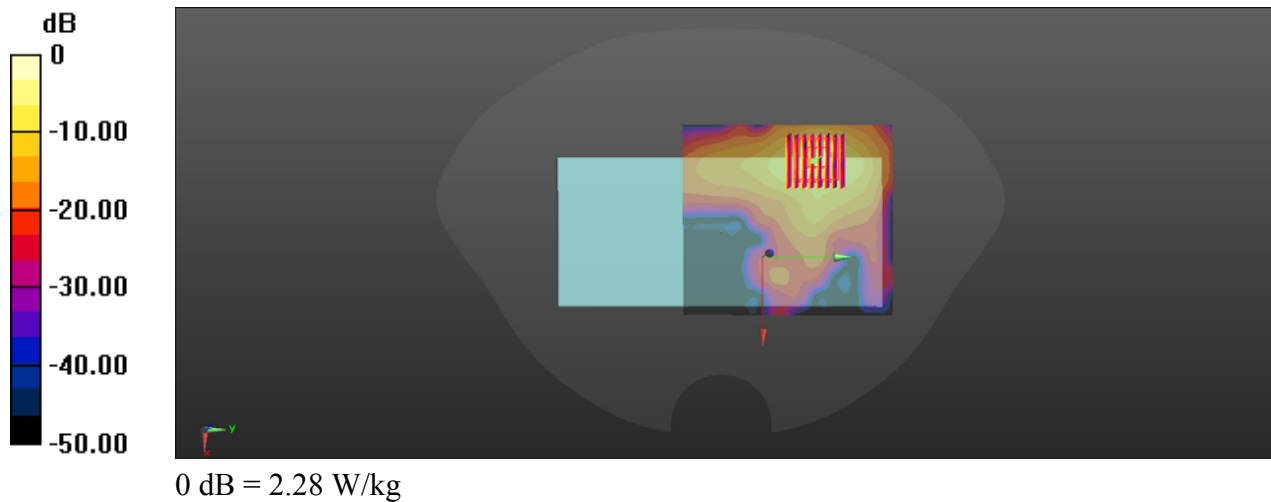
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_5250 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.716$  S/m;  $\epsilon_r = 35.917$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.21, 5.21, 5.21) @ 5260 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch52/Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.28 W/kg

**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0.7180 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 5.09 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.255 W/kg**  
Maximum value of SAR (measured) = 2.38 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.02.23

**WLAN 5.5GHz\_802.11ac-VHT40 MCS0\_Back Side\_0mm\_Ch126**

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5630 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5600 Medium parameters used:  $f = 5630$  MHz;  $\sigma = 5.47$  S/m;  $\epsilon_r = 35.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.55, 4.55, 4.55) @ 5630 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- 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) = 3.54 W/kg

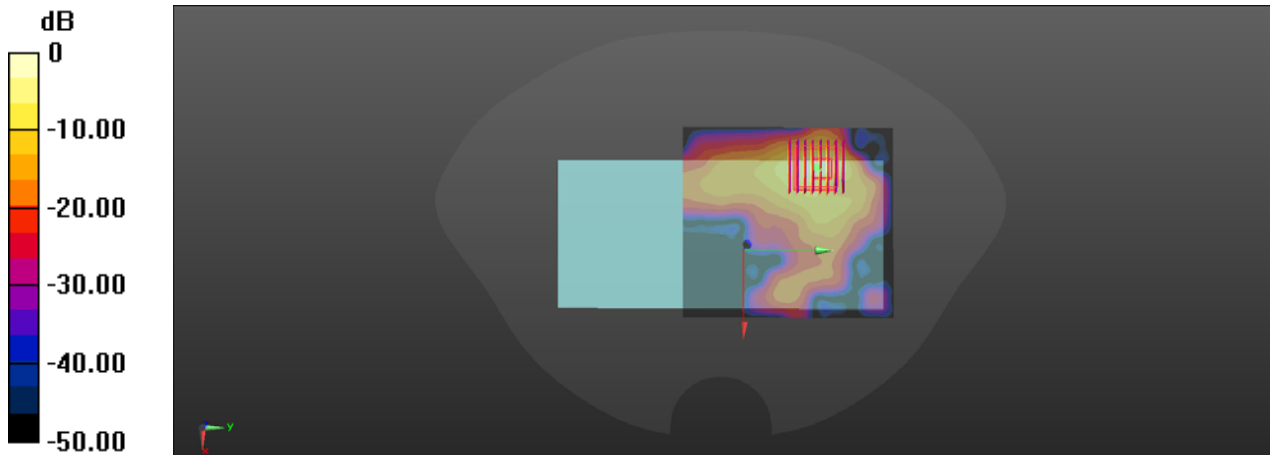
**Ch126/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 13.0 W/kg

**SAR(1 g) = 1.98 W/kg; SAR(10 g) = 0.409 W/kg**

Maximum value of SAR (measured) = 4.61 W/kg



0 dB = 3.54 W/kg