



REPORT No.: SZ23050338S01

## Annex D Plots of Maximum SAR Test Results

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

Date: 2023.09.04

## GSM850\_GPRS(4 TX slots)\_Right Cheek\_Ch189

Communication System: UID 0, GSM850(class 12) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 40.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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) = 0.489 W/kg

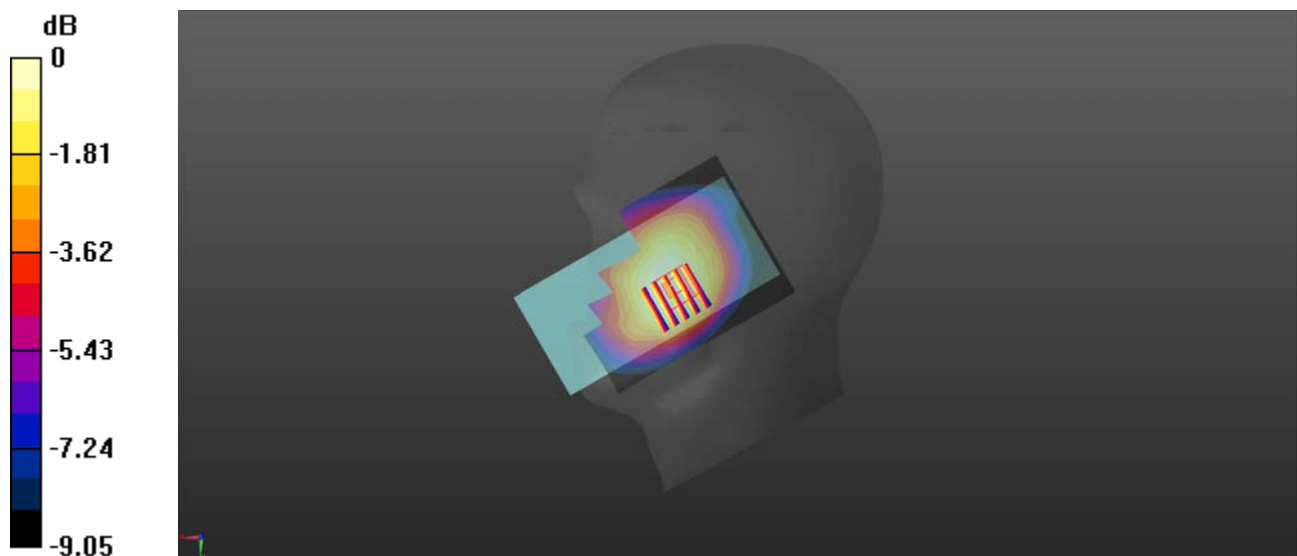
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.620 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.509 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.313 W/kg**

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



0 dB = 0.456 W/kg

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

Date: 2023.09.25

## GSM1900\_GPRS(4 TX slots)\_Right Cheek\_Ch661

Communication System: UID 0, GSM1900(class 12) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.351$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

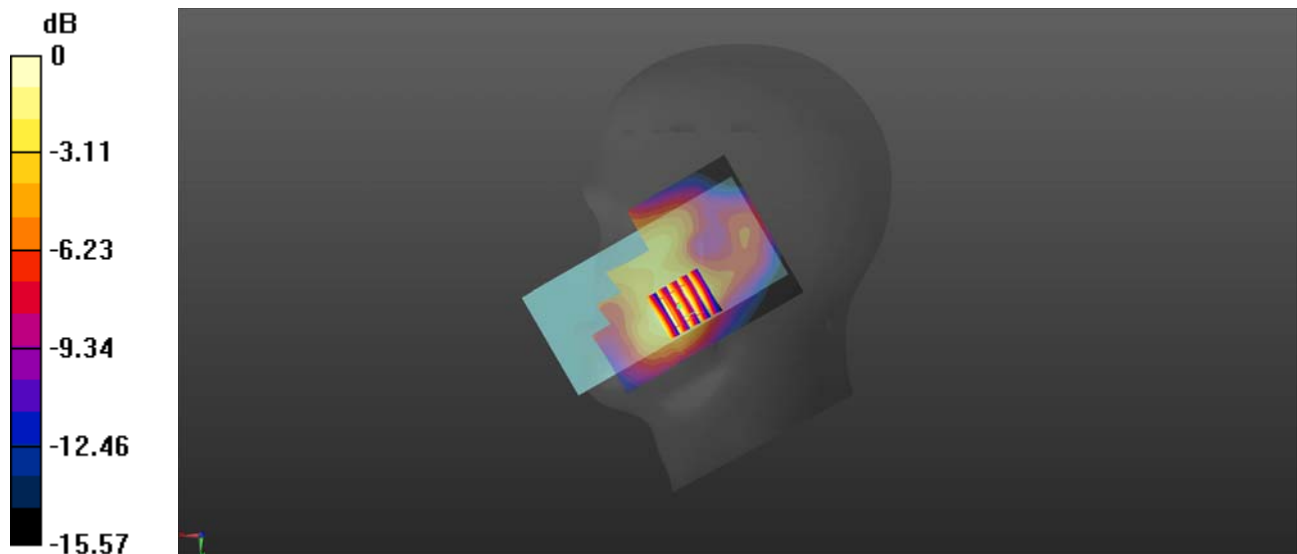
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.628 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.251 W/kg

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

Date: 2023.09.05

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

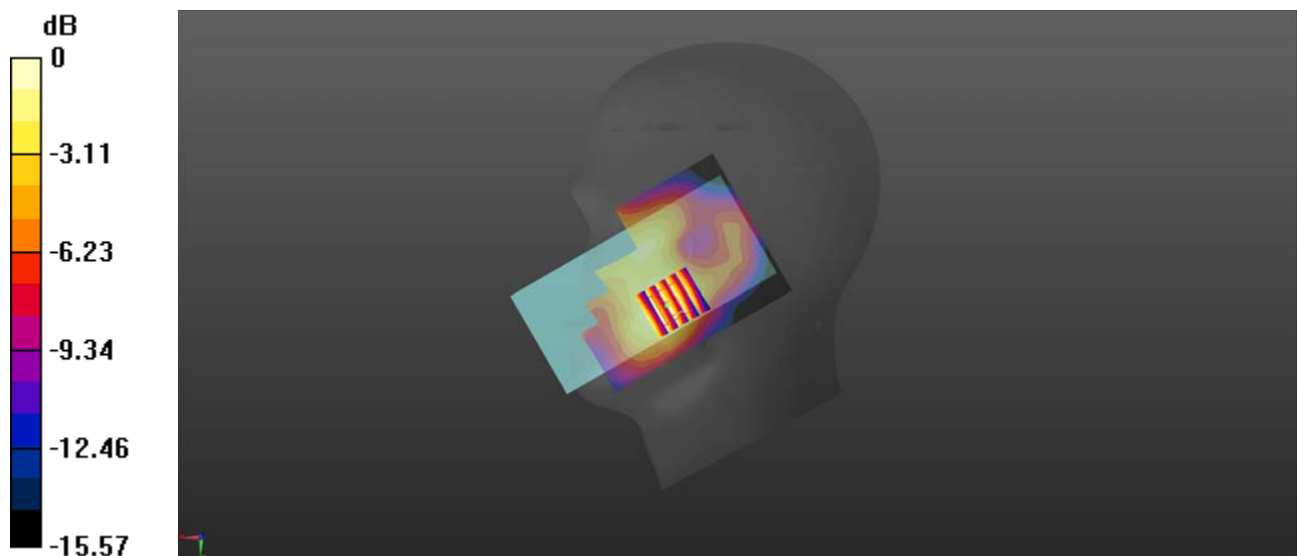
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.351$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9400/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.242 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.561 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.276 W/kg  
**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.115 W/kg**  
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg

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

Date: 2023.09.07

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

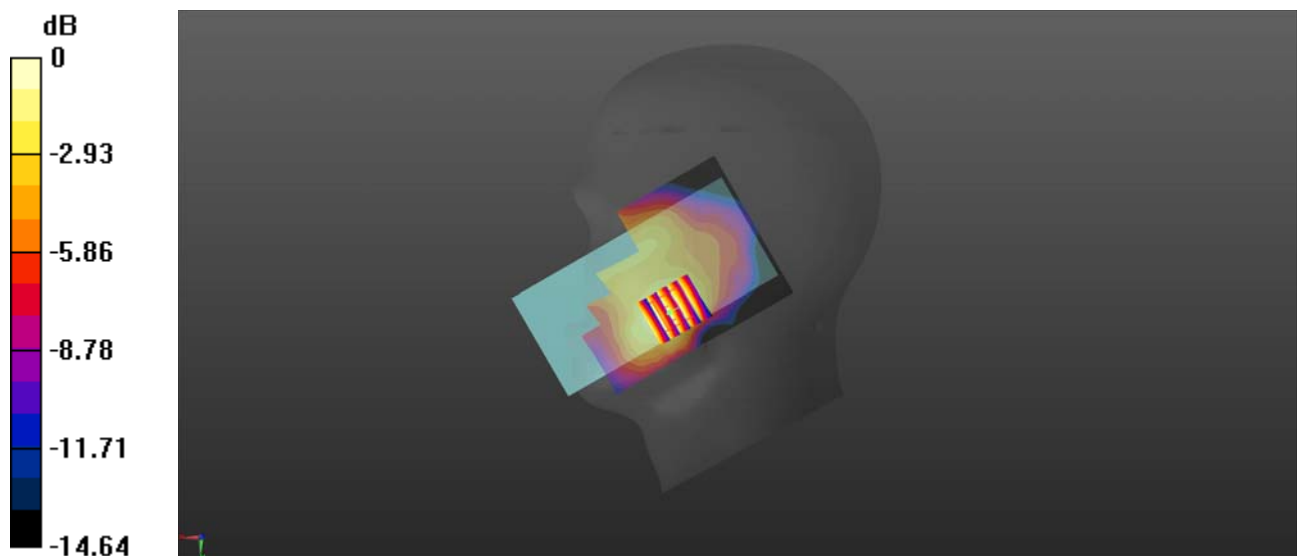
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1413/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.175 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.157 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.202 W/kg  
**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.086 W/kg**  
Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg

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

Date: 2023.09.04

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

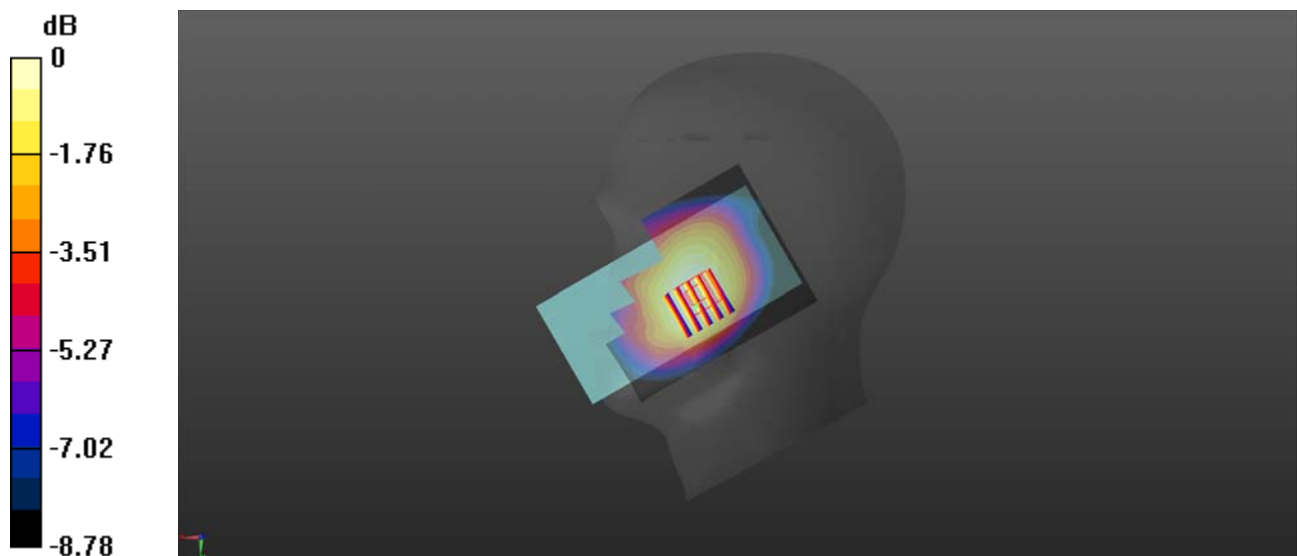
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 40.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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) = 0.352 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.463 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.370 W/kg  
**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.230 W/kg**  
Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg

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

Date: 2023.09.05

**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;  $\sigma = 1.351$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

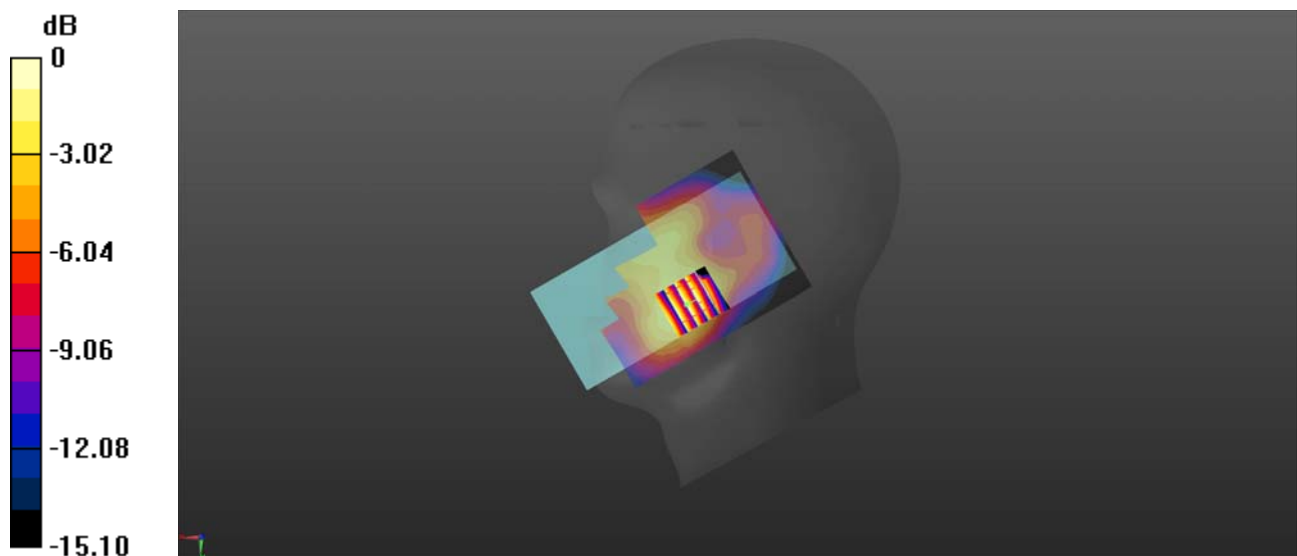
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.399 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.357 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.307 W/kg

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

Date: 2023.09.04

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

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

Medium: HSL\_900 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 40.846$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.362 W/kg

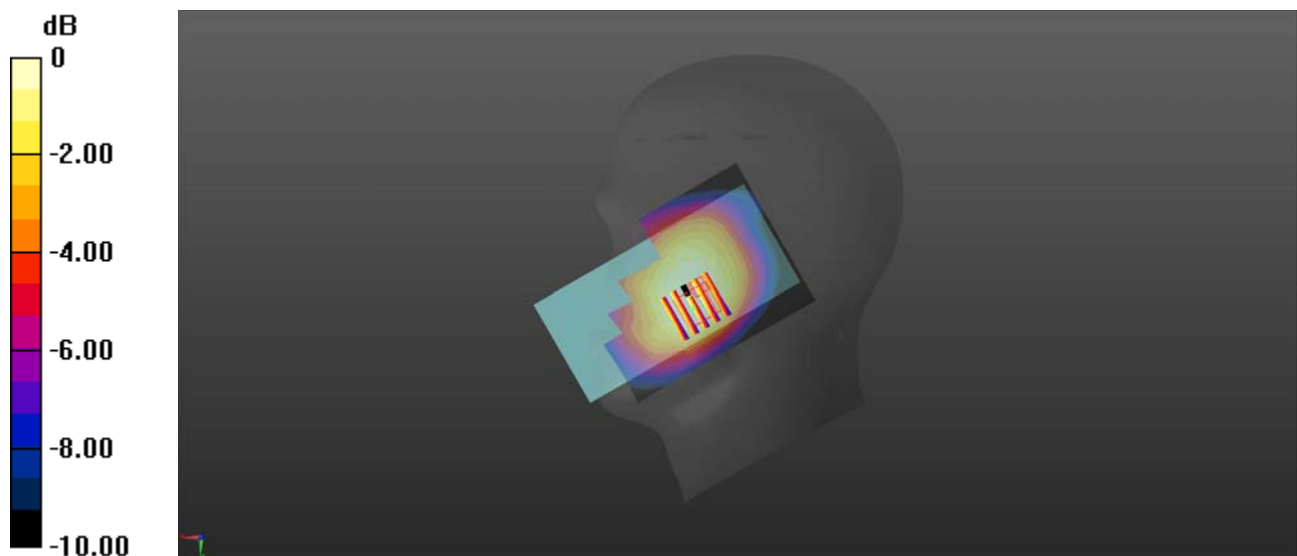
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.612 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.547 W/kg

**SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg



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

Date: 2023.06.30

**LTE Band 12\_10MHz\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23095**

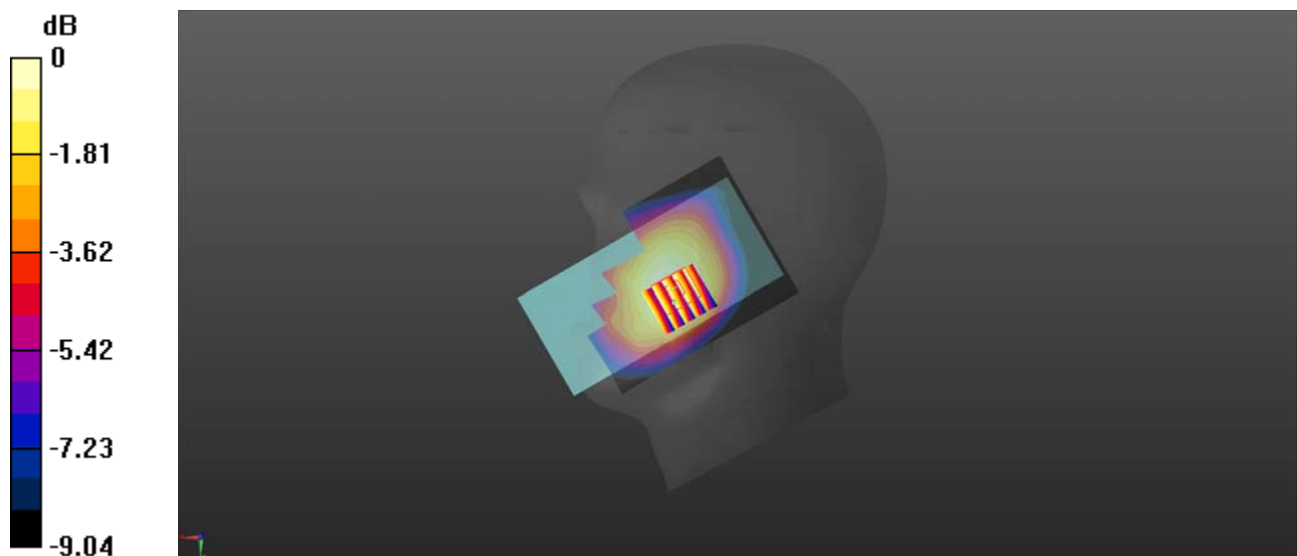
Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 42.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 707.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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) = 0.190 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.014 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.203 W/kg  
**SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.130 W/kg**  
Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg

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

Date: 2023.09.04

**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;  $\sigma = 1.382$  S/m;  $\epsilon_r = 41.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.204 W/kg

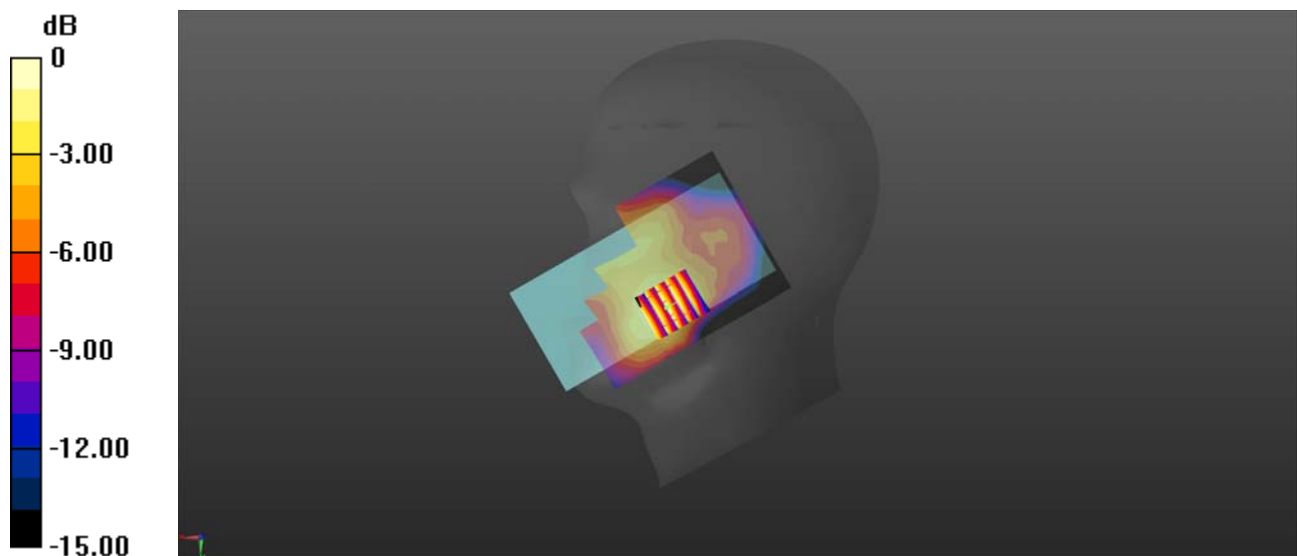
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.048 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.596 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.200 W/kg



0 dB = 0.200 W/kg

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

Date: 2023.06.30

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

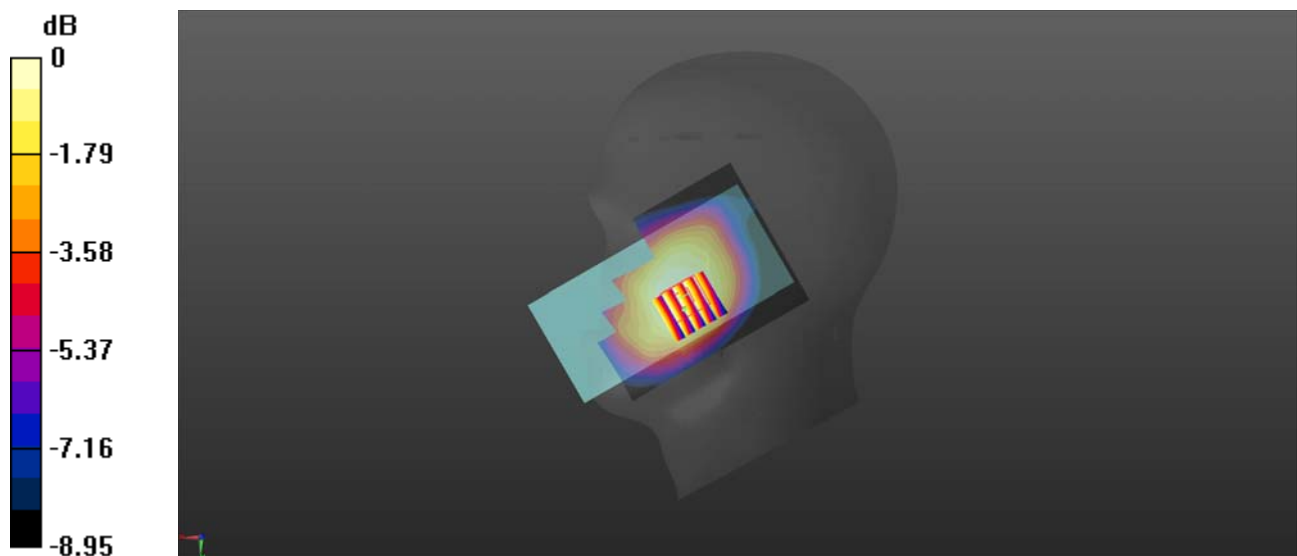
Communication System: UID 0, LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 42.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 683 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch133322/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.146 W/kg

**Ch133322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.324 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.151 W/kg  
**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.096 W/kg**  
Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg

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

Date: 2023.07.11

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

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1027  
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 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.694 W/kg

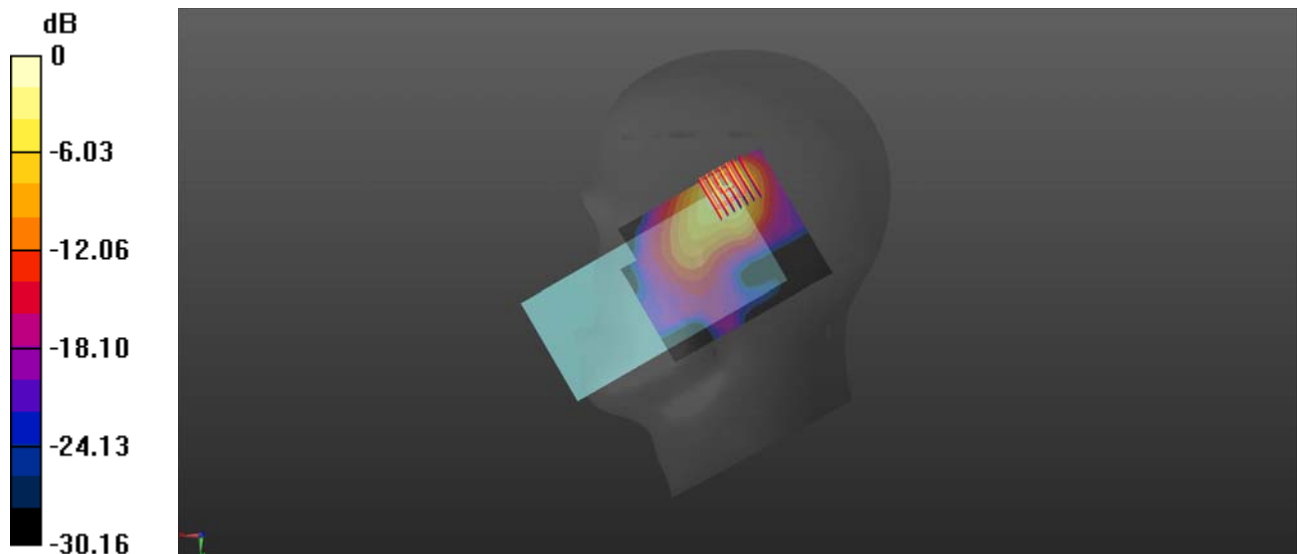
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.494 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg

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

Date: 2023.07.15

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

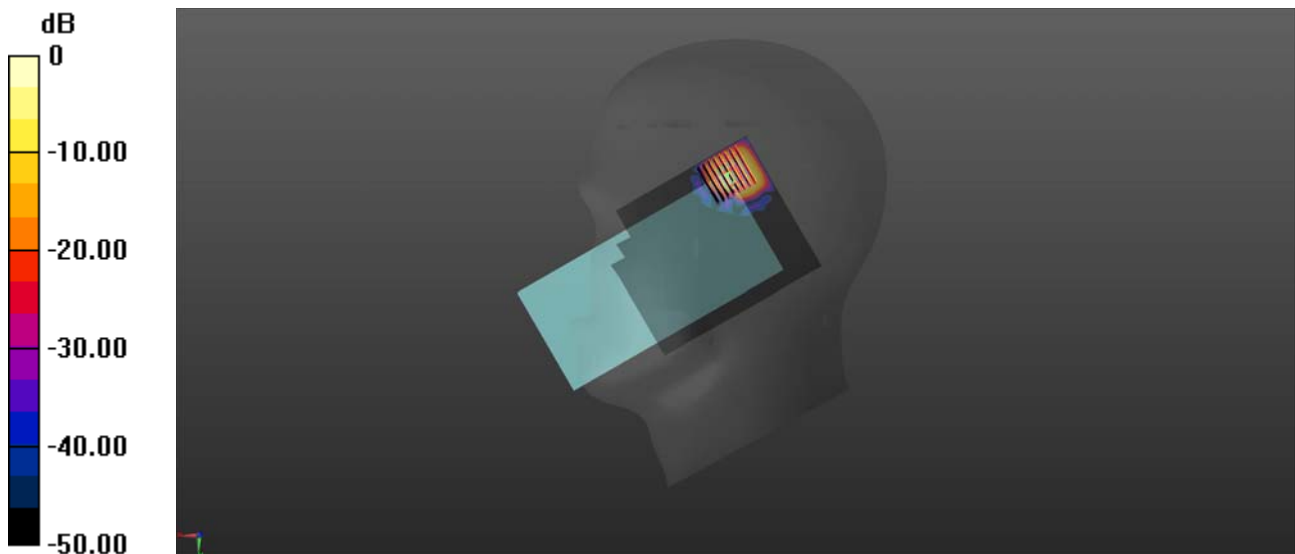
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5250 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.685$  S/m;  $\epsilon_r = 36.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5240 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.758 W/kg

**Ch48/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) = 0.878 W/kg  
**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.059 W/kg**  
Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.497 W/kg

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

Date: 2023.07.17

## WLAN 5.3GHz\_802.11a 6Mbps\_Right Tilt\_Ch52

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:10254  
Medium: HSL\_5250 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.714$  S/m;  $\epsilon_r = 36.032$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.518 W/kg

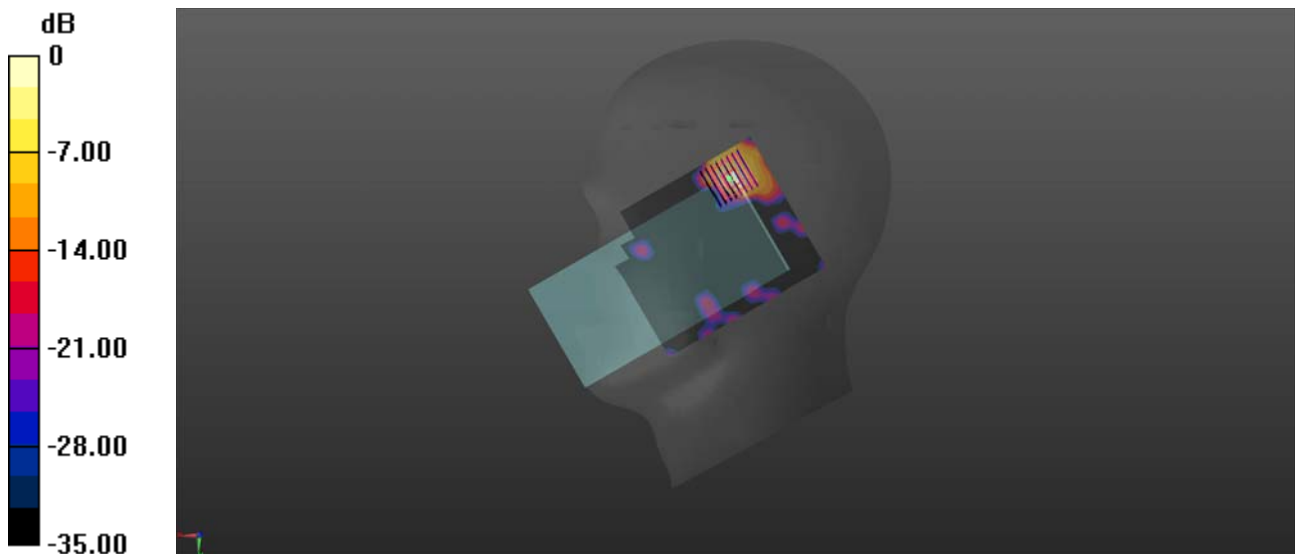
**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg

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

Date: 2023.07.14

## WLAN 5.5GHz\_802.11a 6Mbps\_Right Tilt\_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:10254  
Medium: HSL\_5600 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.007$  S/m;  $\epsilon_r = 35.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>

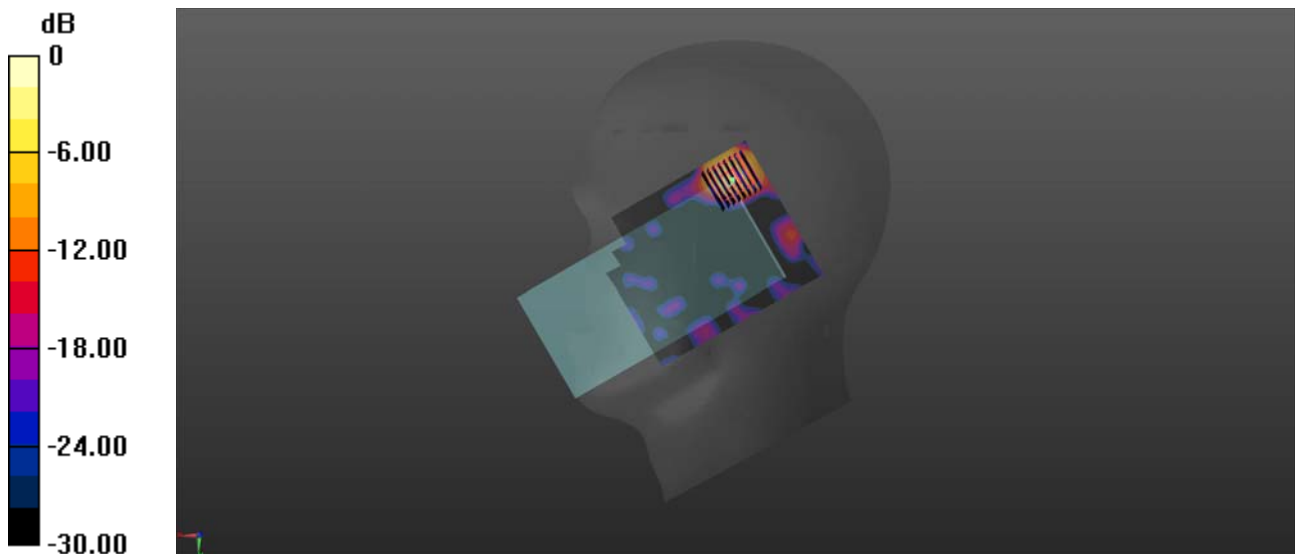
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5500 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch100/Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.717 W/kg

**Ch100/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.16 W/kg  
**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.075 W/kg**  
Maximum value of SAR (measured) = 0.615 W/kg



0 dB = 0.615 W/kg

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

Date: 2023.07.16

## WLAN 5.8GHz\_802.11a 6Mbps\_Right Tilt\_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:10254  
Medium: HSL\_5750 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.388$  S/m;  $\epsilon_r = 35.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

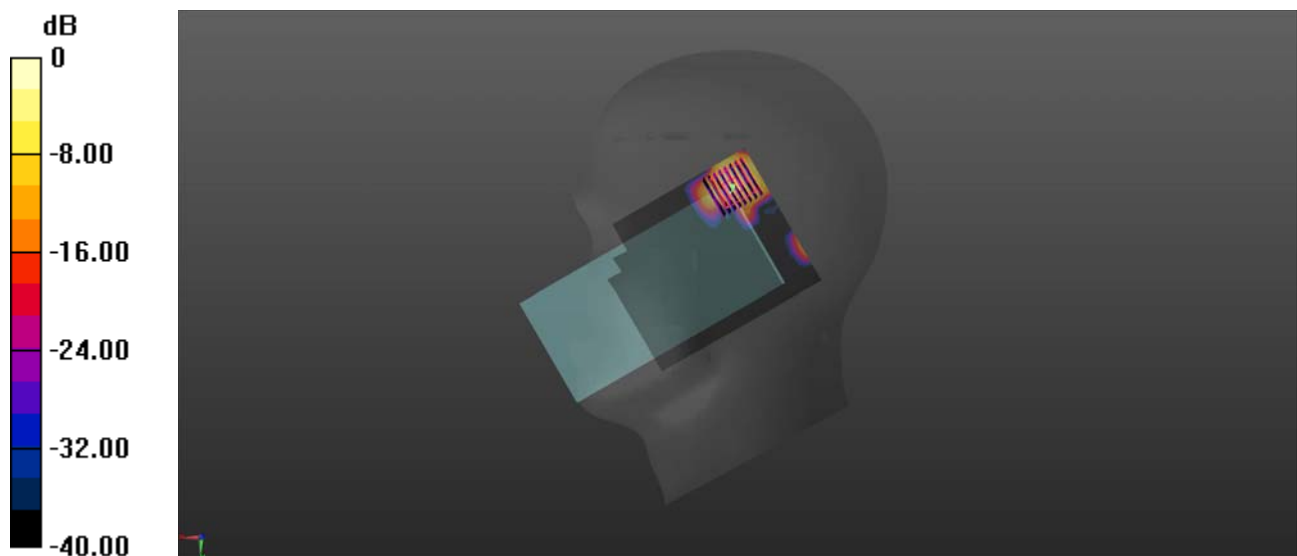
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.87, 4.87, 4.87) @ 5825 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.645 W/kg

**Ch165/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.946 W/kg  
**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.055 W/kg**  
Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.497 W/kg



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

Date: 2023.07.02

## GSM850\_GPRS(4 TX slots)\_Back Side\_10mm\_Ch189

Communication System: UID 0, GSM850(class 12) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 40.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

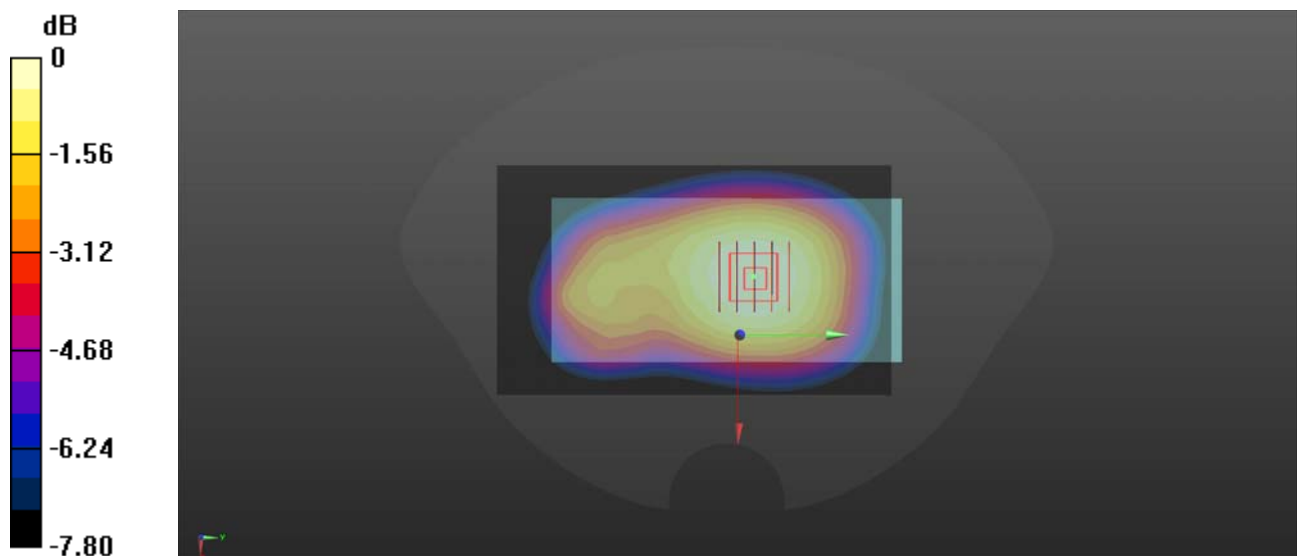
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.04 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.336 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.200 W/kg**

Maximum value of SAR (measured) = 0.302 W/kg



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

Date: 2023.07.05

## GSM1900\_GPRS(4 TX slots)\_Back Side\_10mm\_Ch661

Communication System: UID 0, GSM1900(class 12) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.351$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.425 W/kg

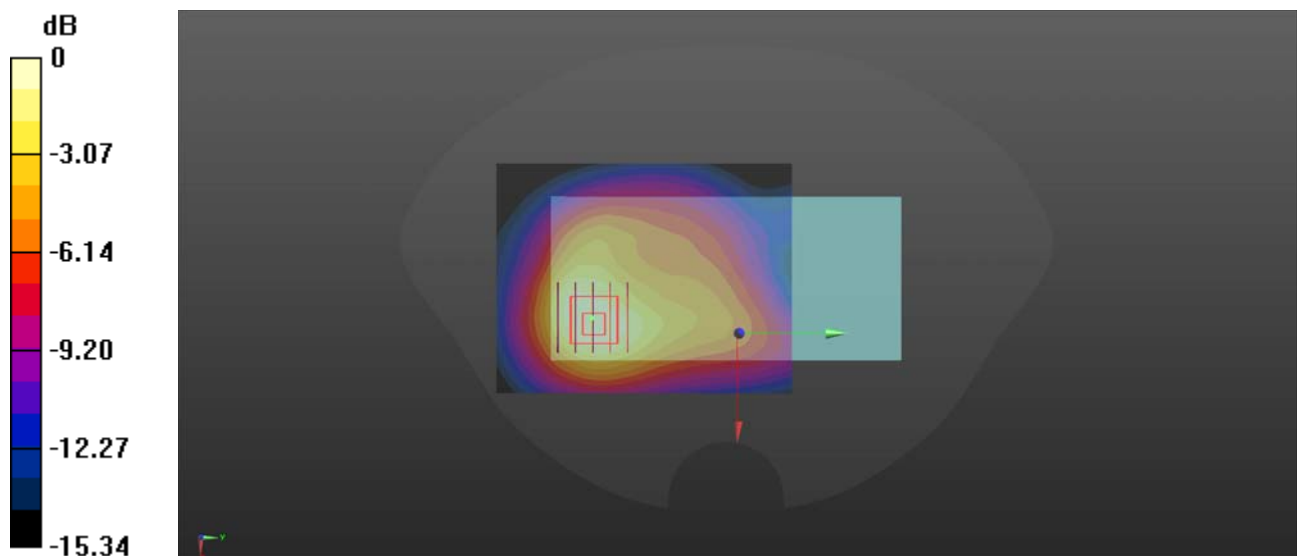
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.380 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.505 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.399 W/kg

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

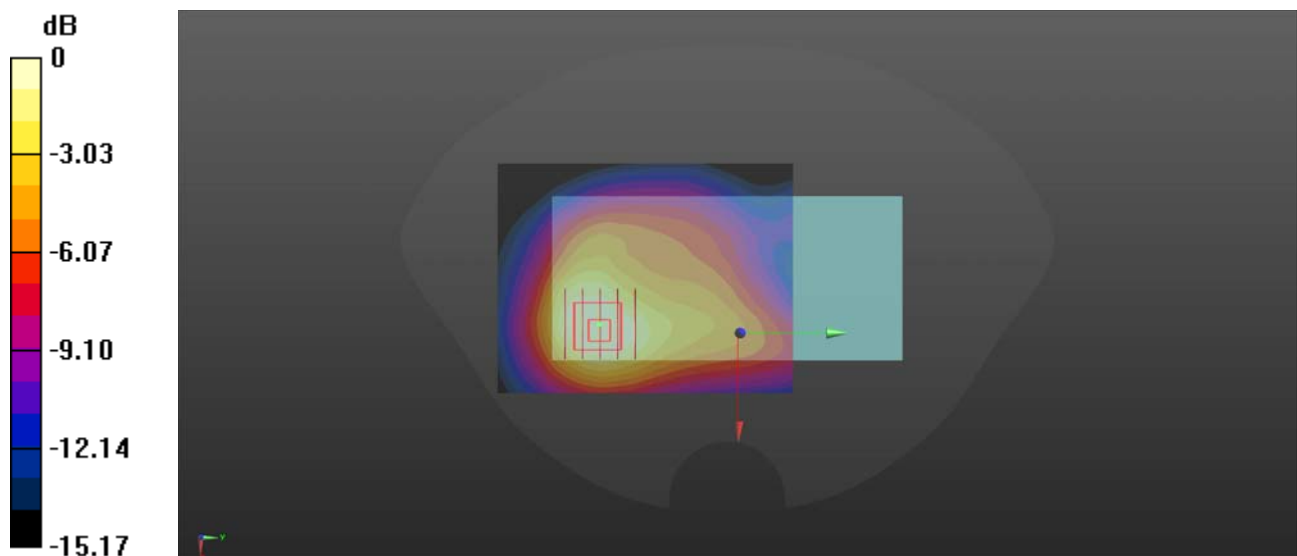
Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.351$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9400/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.498 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.403 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.566 W/kg  
**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.212 W/kg**  
Maximum value of SAR (measured) = 0.449 W/kg



0 dB = 0.449 W/kg

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

Date: 2023.07.05

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

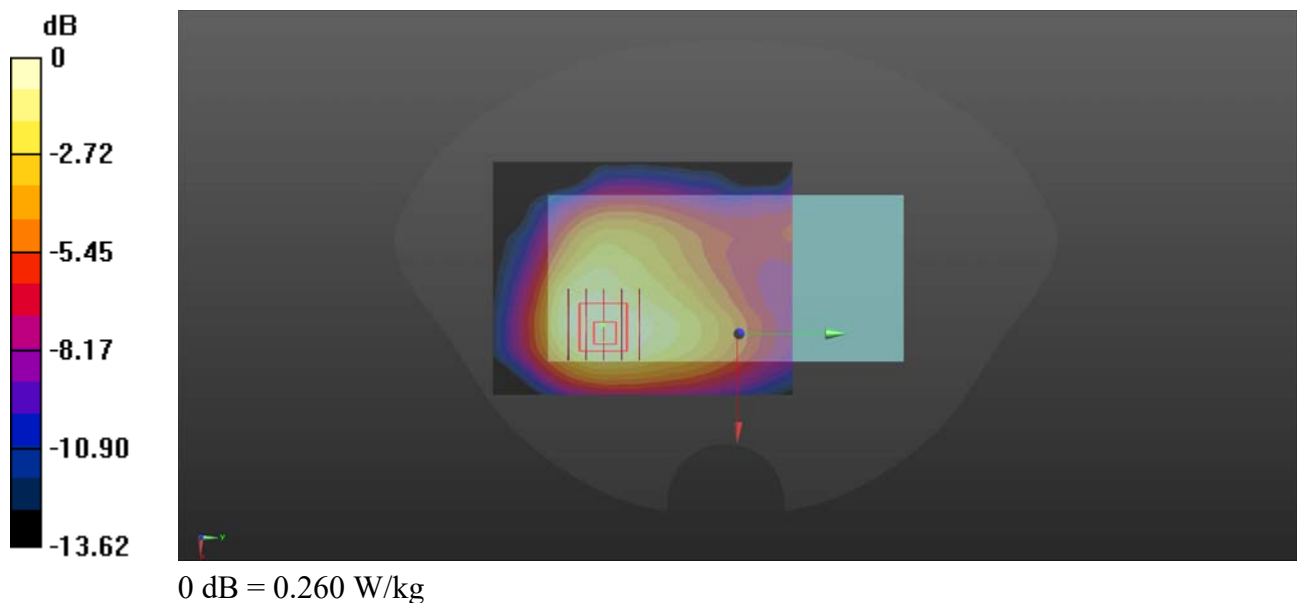
Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r = 41.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1413/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.264 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.434 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.329 W/kg  
**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.126 W/kg**  
Maximum value of SAR (measured) = 0.260 W/kg



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

Date: 2023.07.02

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

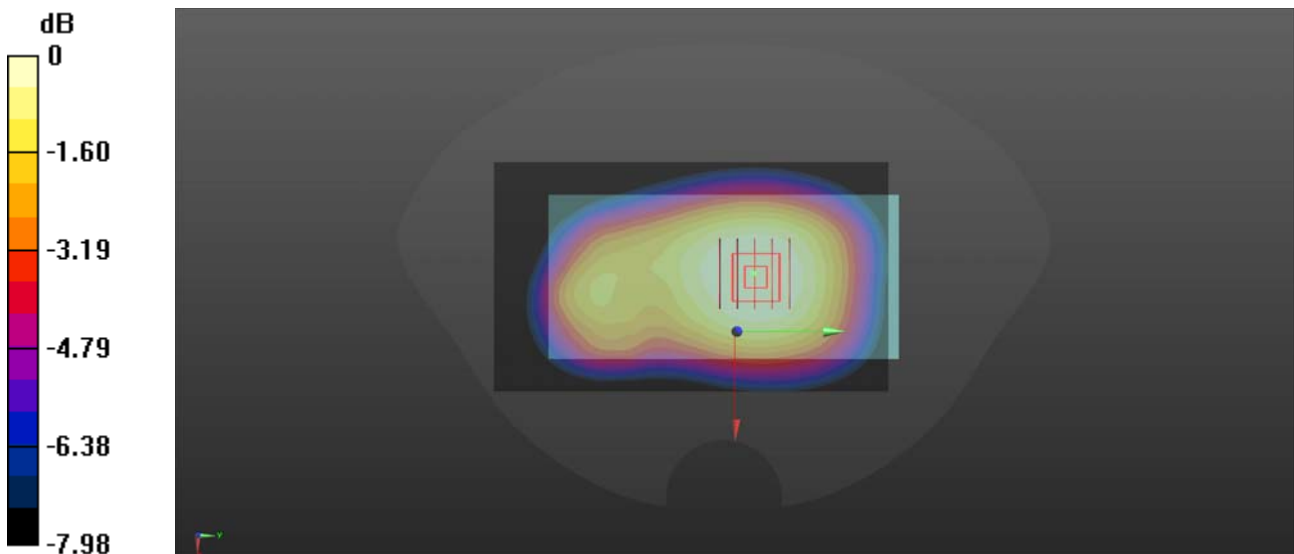
Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 40.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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) = 0.226 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 13.56 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.239 W/kg  
**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.139 W/kg**  
Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg

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

Date: 2023.07.05

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

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

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.351$  S/m;  $\epsilon_r = 39.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.551 W/kg

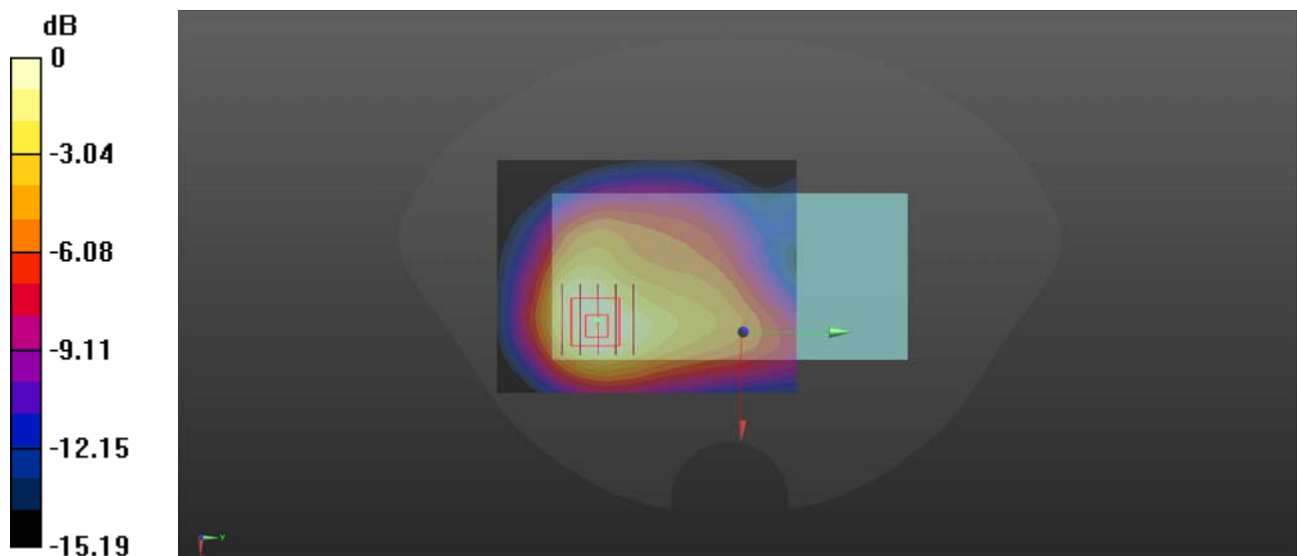
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.646 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.640 W/kg

**SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg

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

Date: 2023.07.02

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

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

Medium: HSL\_900 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 40.846$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.223 W/kg

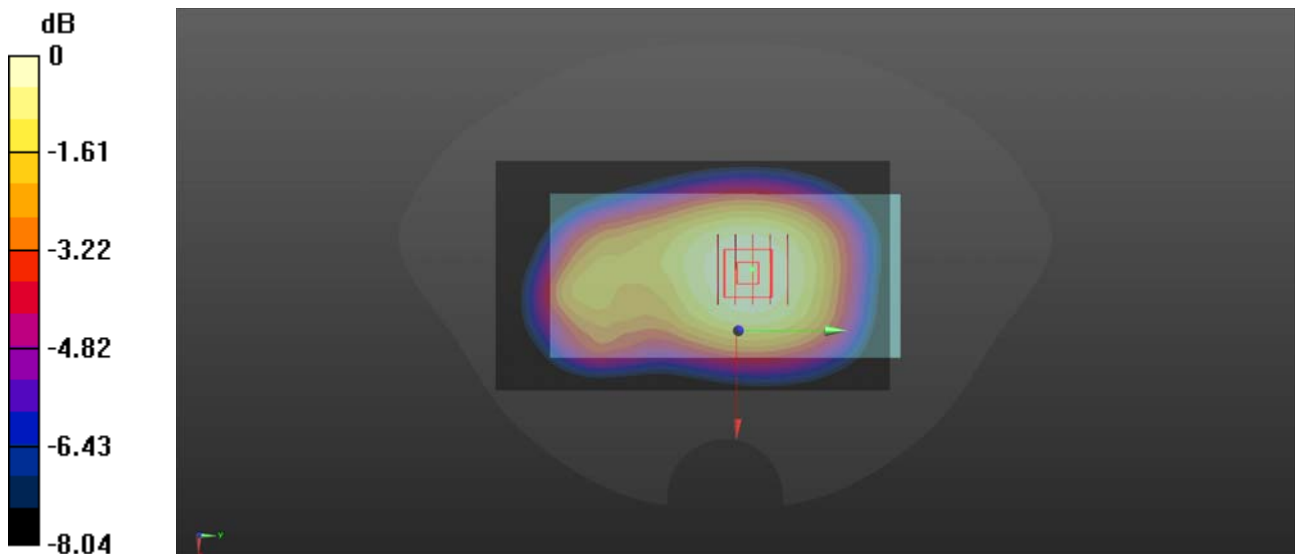
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.15 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg

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

Date: 2023.06.30

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

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

Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 42.162$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 707.5 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.202 W/kg

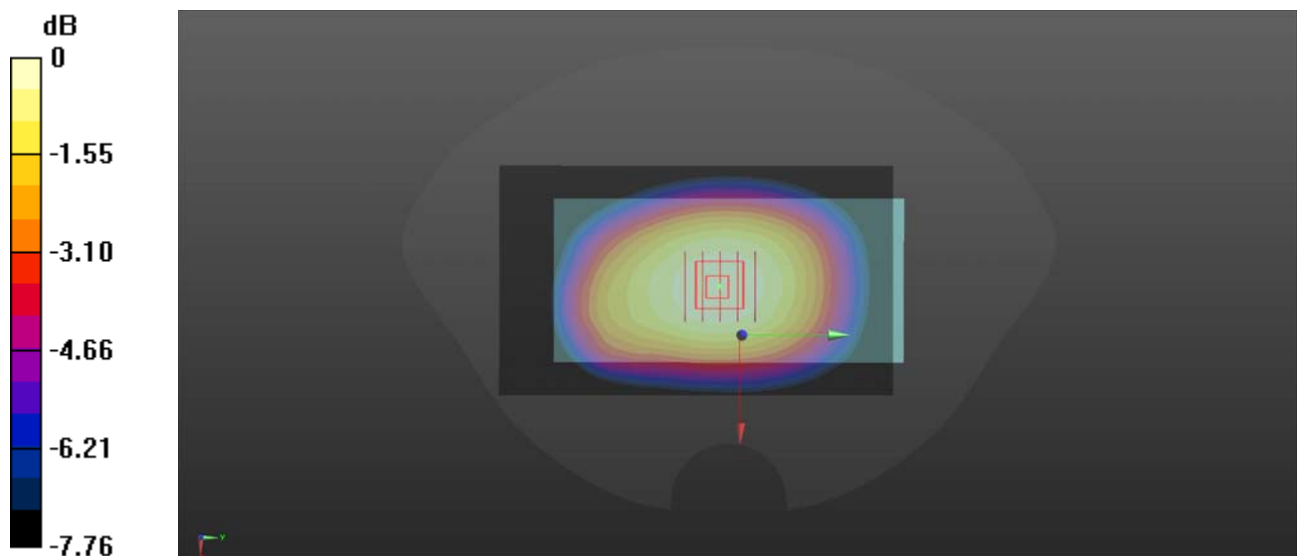
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.39 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.134 W/kg**

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



0 dB = 0.203 W/kg



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

Date: 2023.07.04

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

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

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

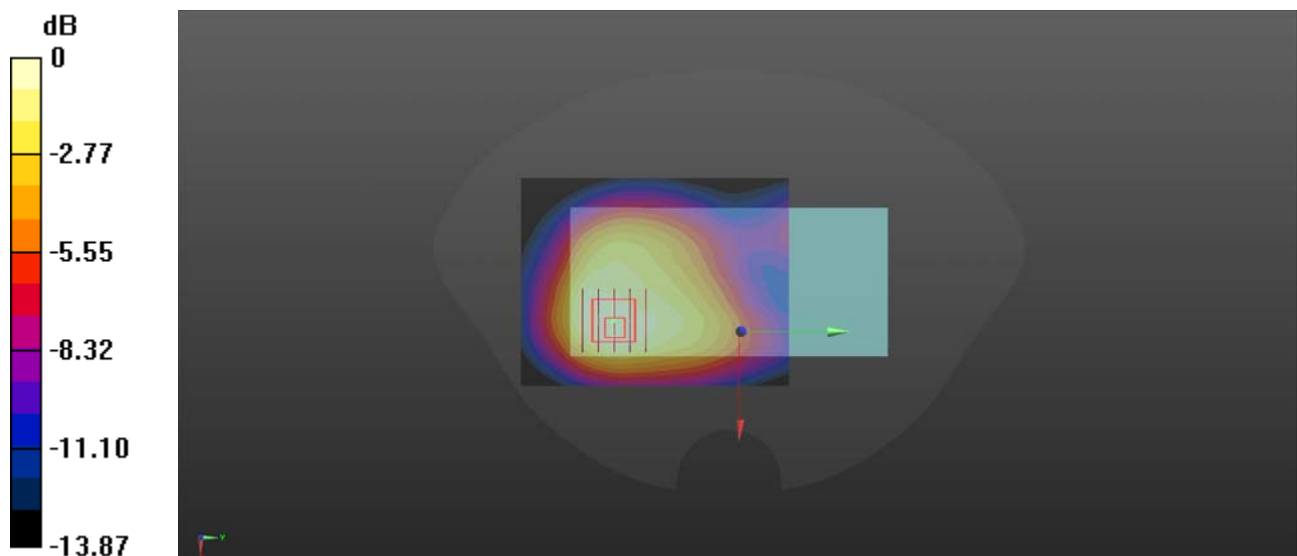
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.036 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.116 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg

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

Date: 2023.06.30

**LTE Band 71\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch133322**

Communication System: UID 0, LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL\_750 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.888$  S/m;  $\epsilon_r = 42.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 683 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch133322/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.155 W/kg

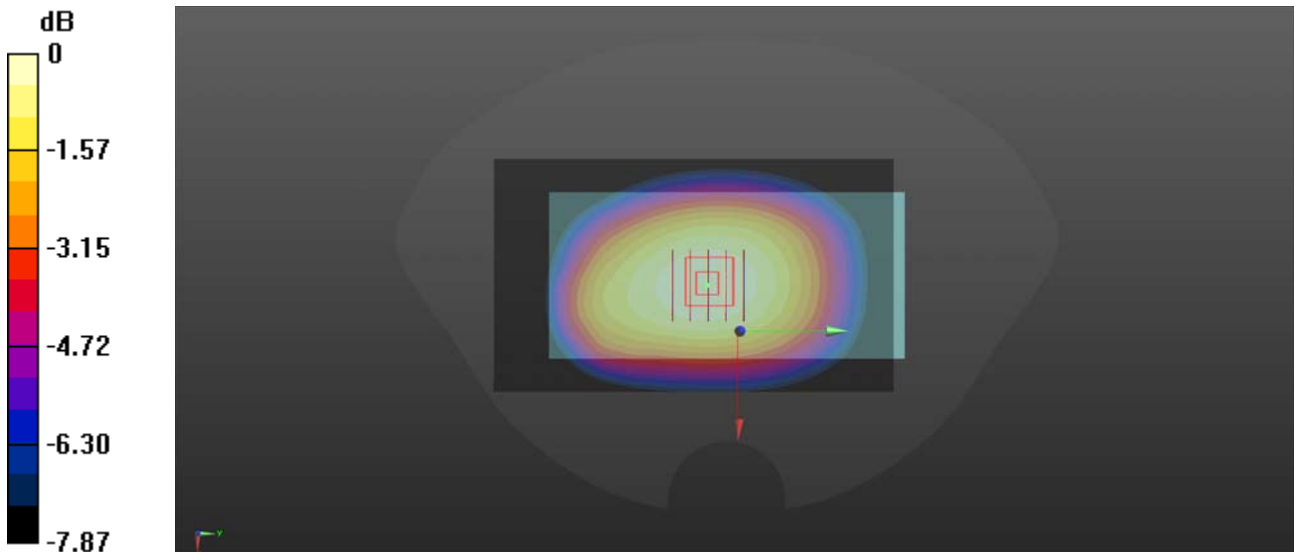
**Ch133322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.54 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.172 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg

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

Date: 2023.07.11

## 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: 1:1.005  
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 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2412 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.126 W/kg

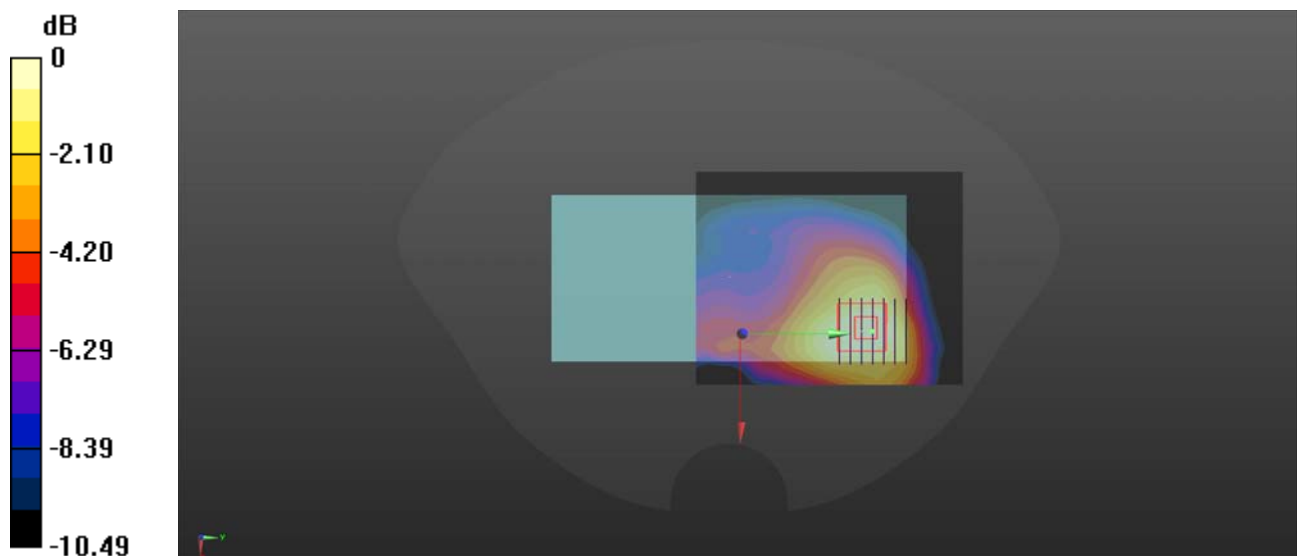
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.183 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg

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

Date: 2023.07.15

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

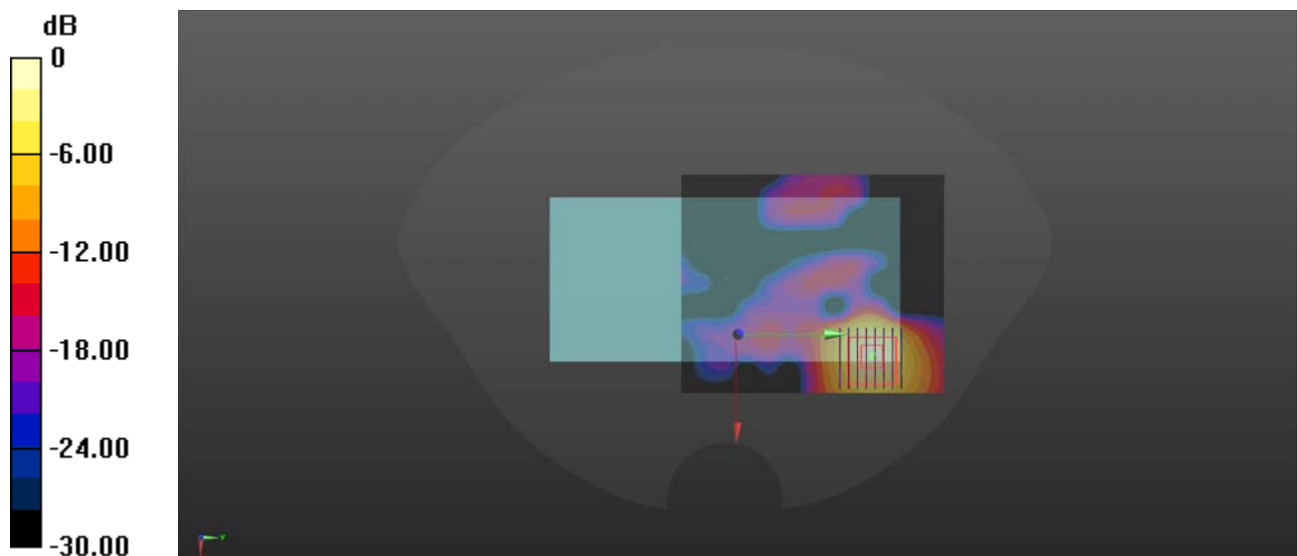
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5250 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.685$  S/m;  $\epsilon_r = 36.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5240 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.966 W/kg

**Ch48/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) = 1.91 W/kg  
**SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.170 W/kg**  
Maximum value of SAR (measured) = 0.959 W/kg



0 dB = 0.959 W/kg

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

Date: 2023.07.15

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

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5250 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.714$  S/m;  $\epsilon_r = 36.032$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.846 W/kg

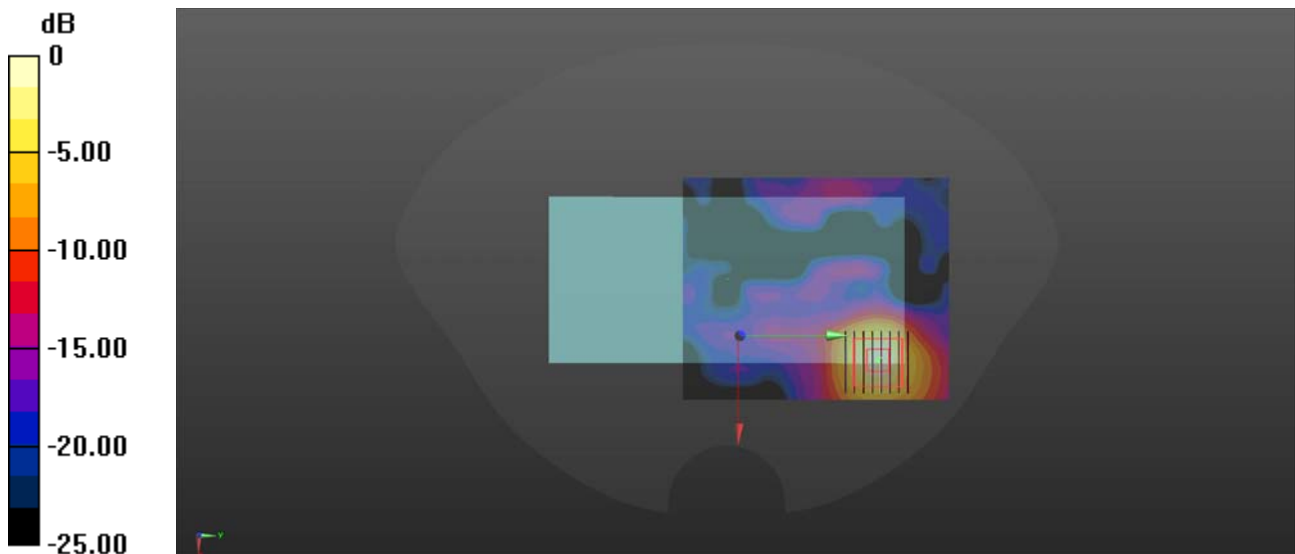
**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.143 W/kg**

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



0 dB = 0.800 W/kg

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

Date: 2023.07.14

## WLAN 5.5GHz\_802.11a 6Mbps\_Back Side\_10mm\_Ch100

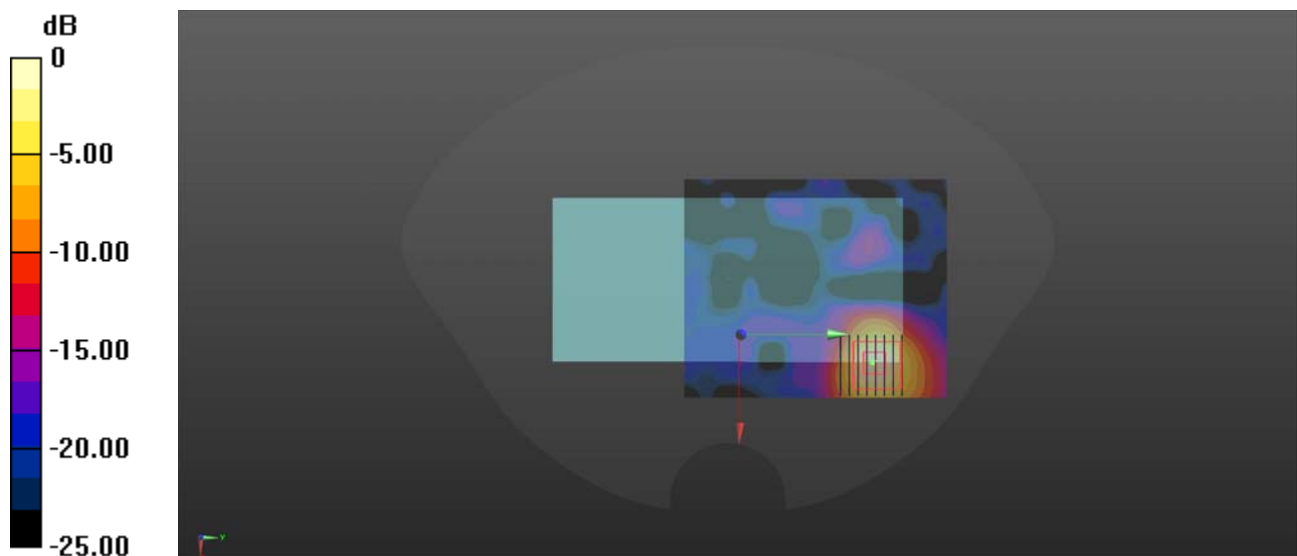
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5600 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.007$  S/m;  $\epsilon_r = 35.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5500 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch100/Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.13 W/kg

**Ch100/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.29 W/kg  
**SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.177 W/kg**  
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

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

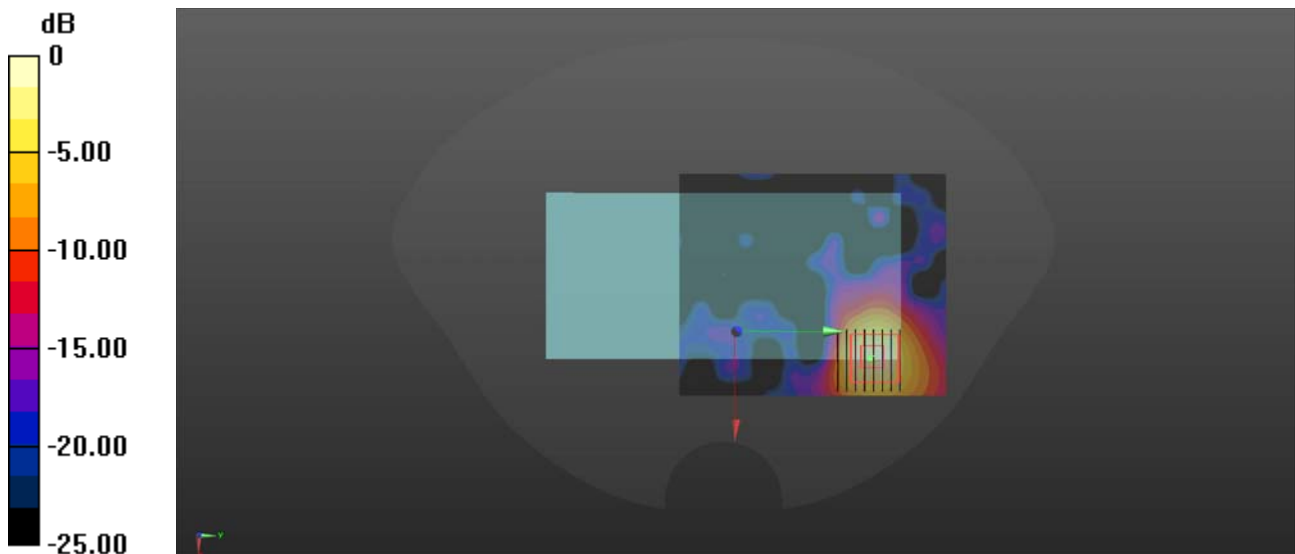
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5750 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.388$  S/m;  $\epsilon_r = 35.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.87, 4.87, 4.87) @ 5825 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.04 W/kg

**Ch165/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.31 W/kg  
**SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.165 W/kg**  
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

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

Date: 2023.07.11

## Bluetooth\_DH5\_Back Side\_10mm\_Ch39

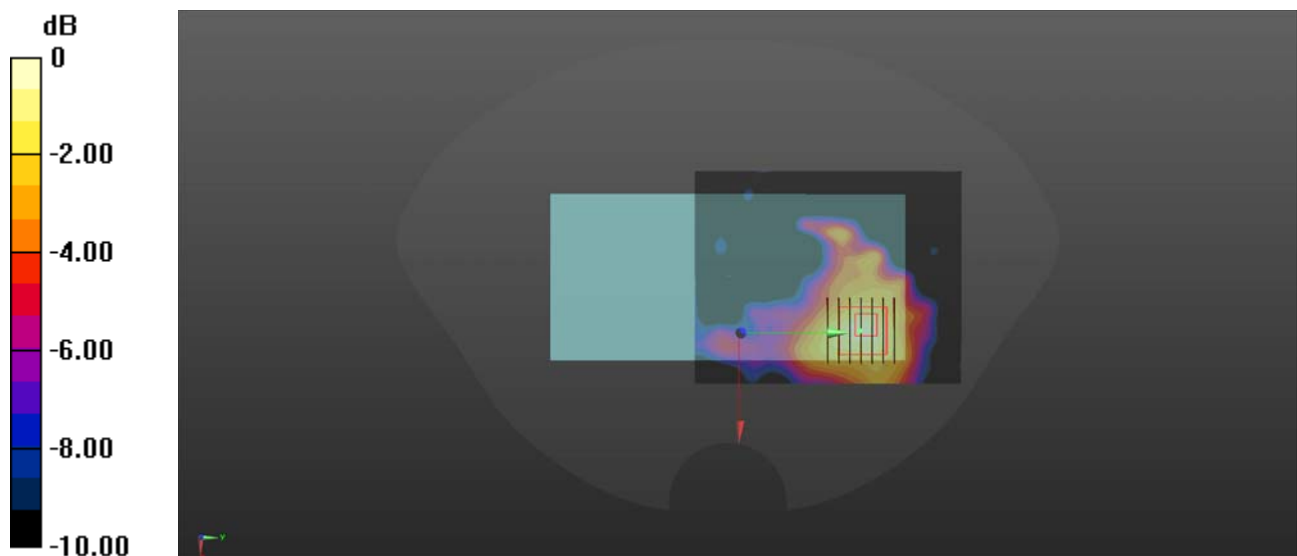
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.081  
Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 38.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2441 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch39/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0154 W/kg

**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.0240 W/kg  
**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.016 W/kg**  
Maximum value of SAR (measured) = 0.0167 W/kg



0 dB = 0.0167 W/kg



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

Date: 2023.07.15

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

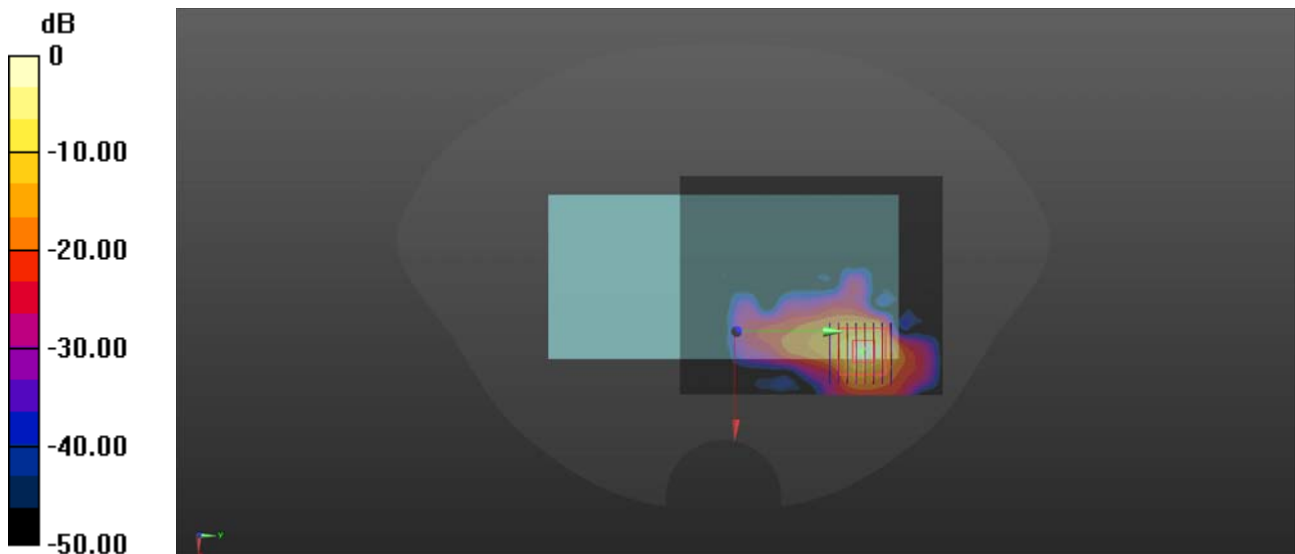
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5250 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.714$  S/m;  $\epsilon_r = 36.032$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 11.7 W/kg

**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 38.5 W/kg  
**SAR(1 g) = 5.91 W/kg; SAR(10 g) = 1.12 W/kg**  
Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.5 W/kg

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

Date: 2023.07.14

## WLAN 5.5GHz\_802.11a 6Mbps\_Back Side\_0mm\_Ch100

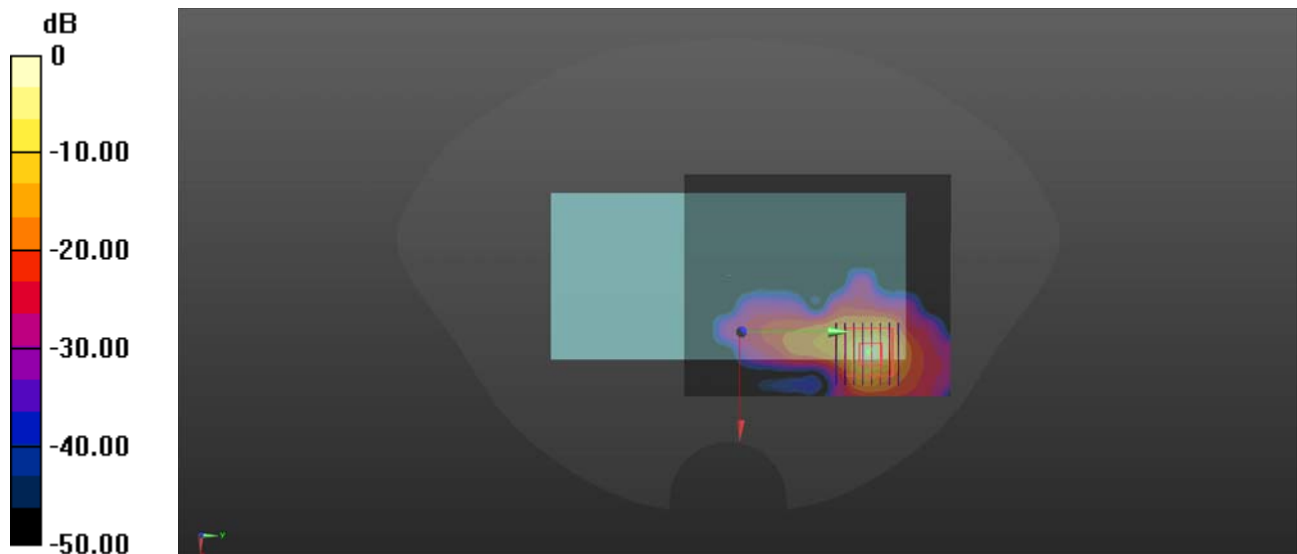
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.032  
Medium: HSL\_5600 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.007$  S/m;  $\epsilon_r = 35.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5500 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch100/Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 13.1 W/kg

**Ch100/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 55.3 W/kg  
**SAR(1 g) = 7.06 W/kg; SAR(10 g) = 1.29 W/kg**  
Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg