



REPORT No.: SZ24020075S01

Annex D Plots of Maximum SAR Test Results

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

Date: 2024.05.18

GSM850_GPRS(4 TX slots)_Left 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; $\sigma = 0.922$ S/m; $\epsilon_r = 41.461$; $\rho = 1000$ kg/m³
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)

Ch189/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

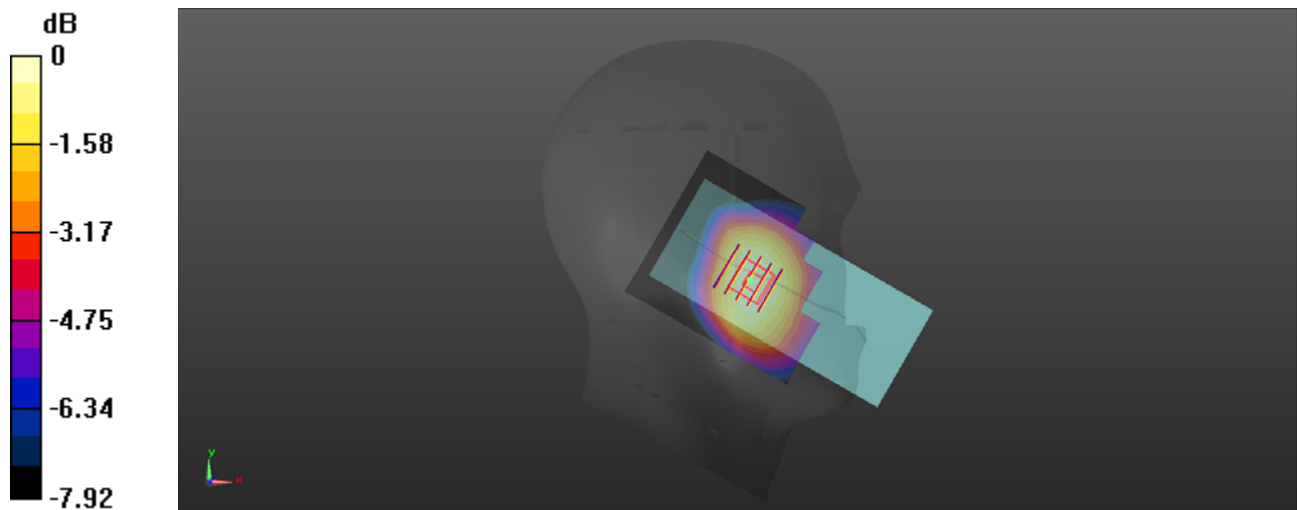
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.382 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg

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

Date: 2024.05.19

GSM1900_GPRS(4 TX slots)_Right Cheek_Ch661

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.436 \text{ S/m}$; $\epsilon_r = 40.069$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

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)

Ch661/Area Scan (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.136 W/kg

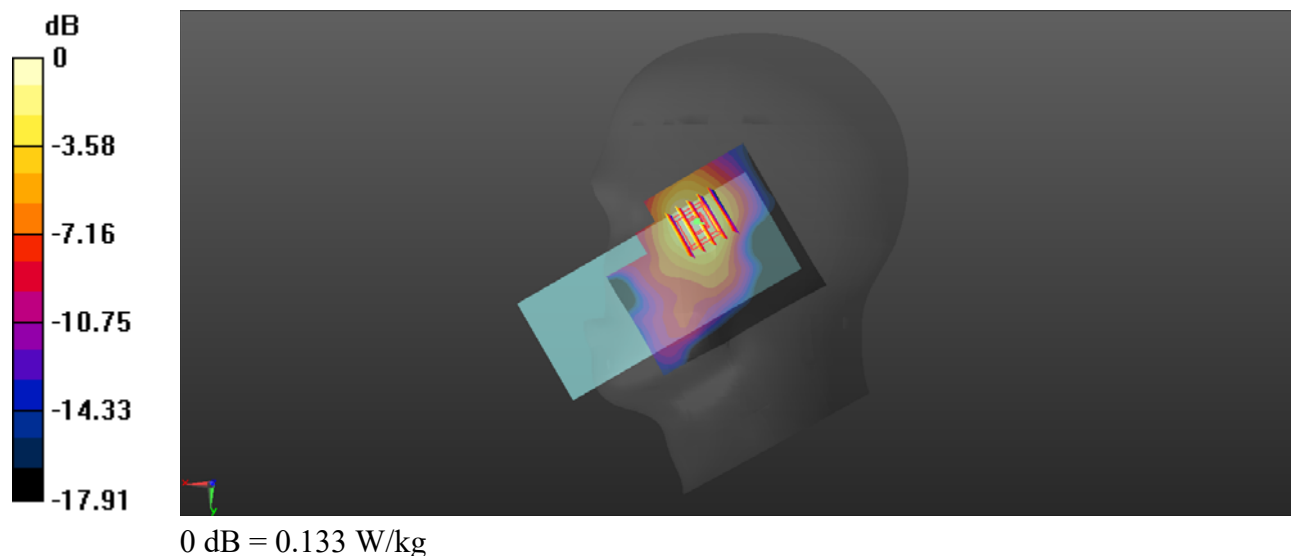
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.4520 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.103 W/kg ; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.133 W/kg



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

Date: 2024.05.19

WCDMA Band II_RMC 12.2Kbps_Right Cheek_Ch9400

Communication System: UID 0, Generic WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.436$ S/m; $\epsilon_r = 40.069$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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) = 0.0778 W/kg

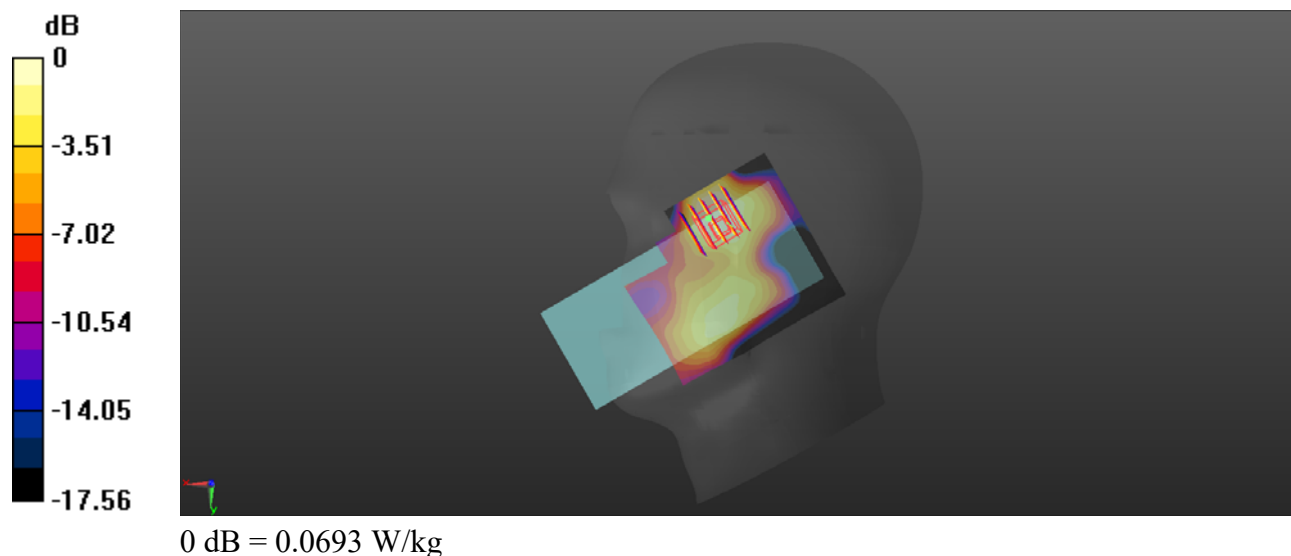
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0693 W/kg



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

Date: 2024.05.19

WCDMA Band IV_RMC 12.2Kbps_Right Cheek_Ch1413

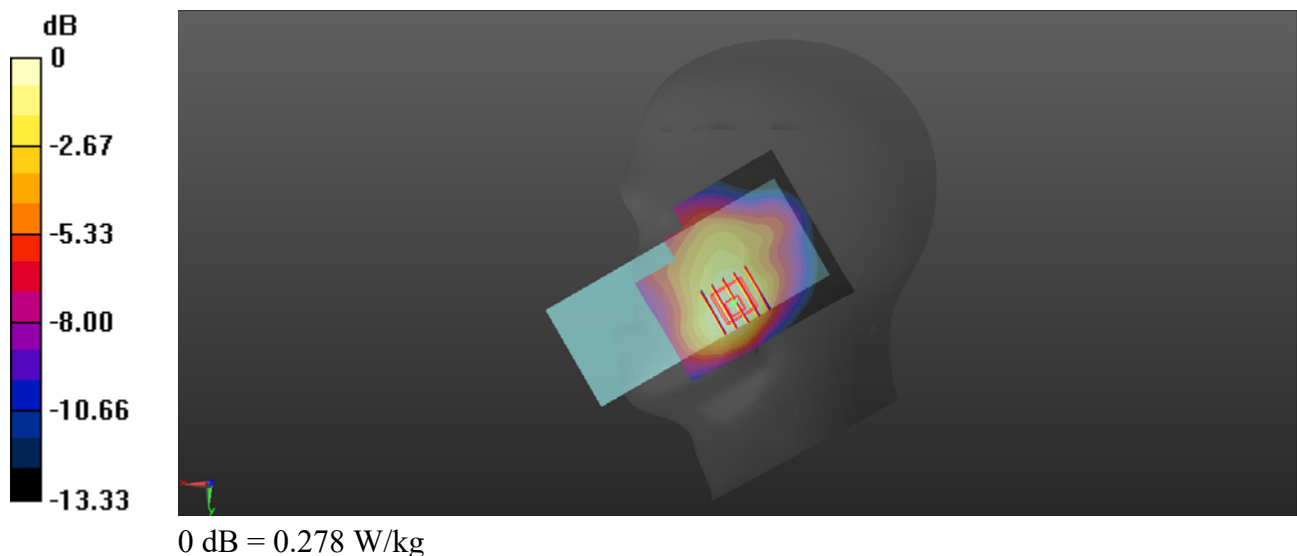
Communication System: UID 0, Generic WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1733 \text{ MHz}$; $\sigma = 1.344 \text{ S/m}$; $\epsilon_r = 40.364$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.279 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 4.440 V/m ; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.231 W/kg ; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.278 W/kg



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

Date: 2024.05.18

WCDMA Band V_RMC 12.2Kbps_Left Cheek_Ch4182

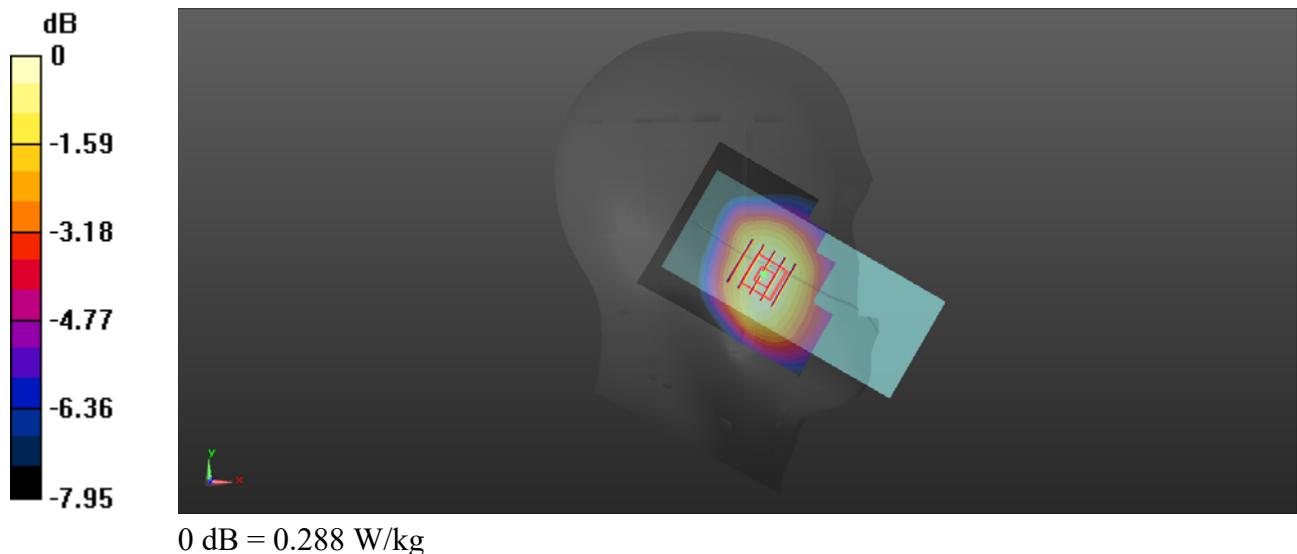
Communication System: UID 0, Generic WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.461$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.292 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.755 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 0.288 W/kg



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

Date: 2024.05.19

LTE Band 4_20MHz_QPSK_1RB_49Offset_Right Cheek_Ch20175

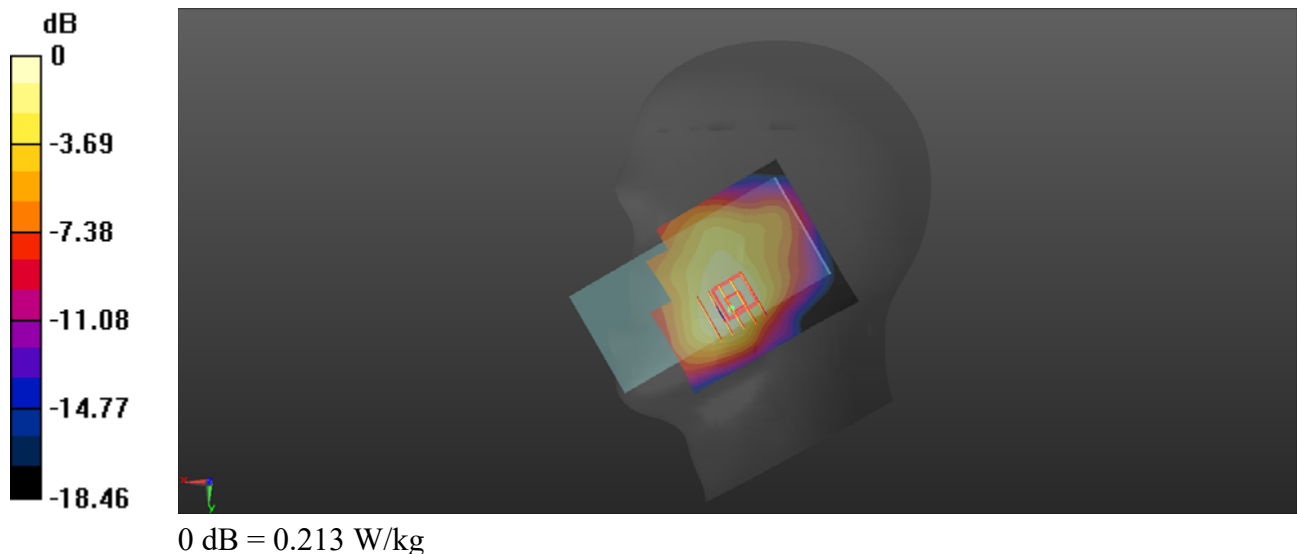
Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1732.5 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)

Ch20175/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.224 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.193 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.213 W/kg



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

Date: 2024.05.16

LTE Band 12_10MHz_QPSK_1RB_25Offset_Left Cheek_Ch23095

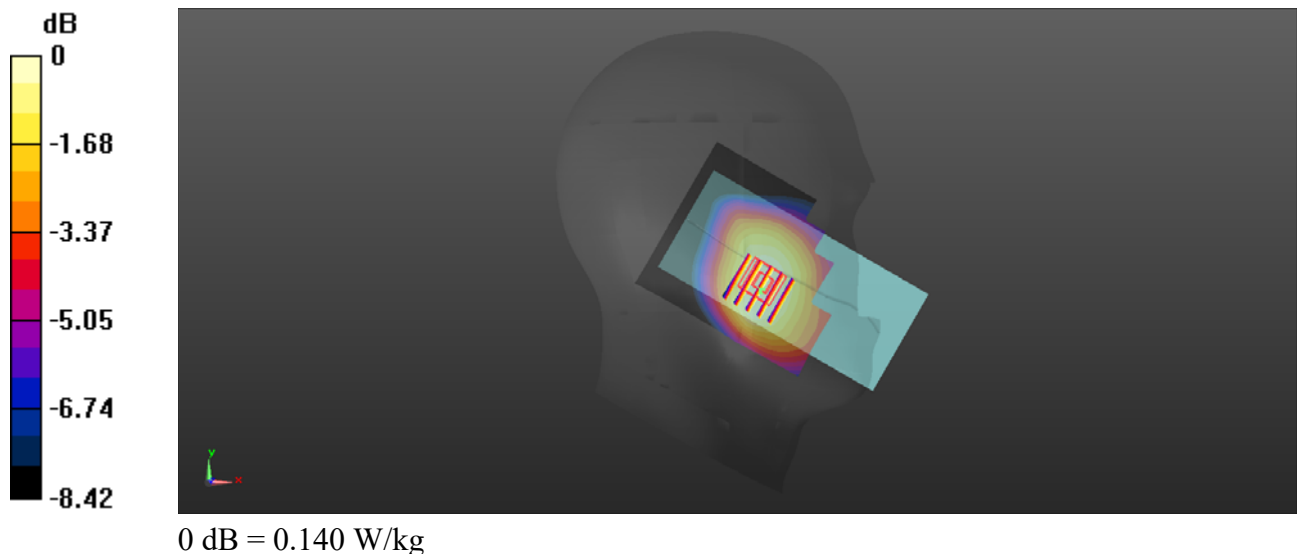
Communication System: UID 0, Generic LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 42.163$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

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) = 0.143 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.156 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.140 W/kg



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

Date: 2024.05.19

LTE Band 25_20MHz_QPSK_1RB_49Offset_Right Cheek_Ch26365

Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.399$ S/m; $\epsilon_r = 40.293$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1882.5 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)

Ch26365/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0621 W/kg

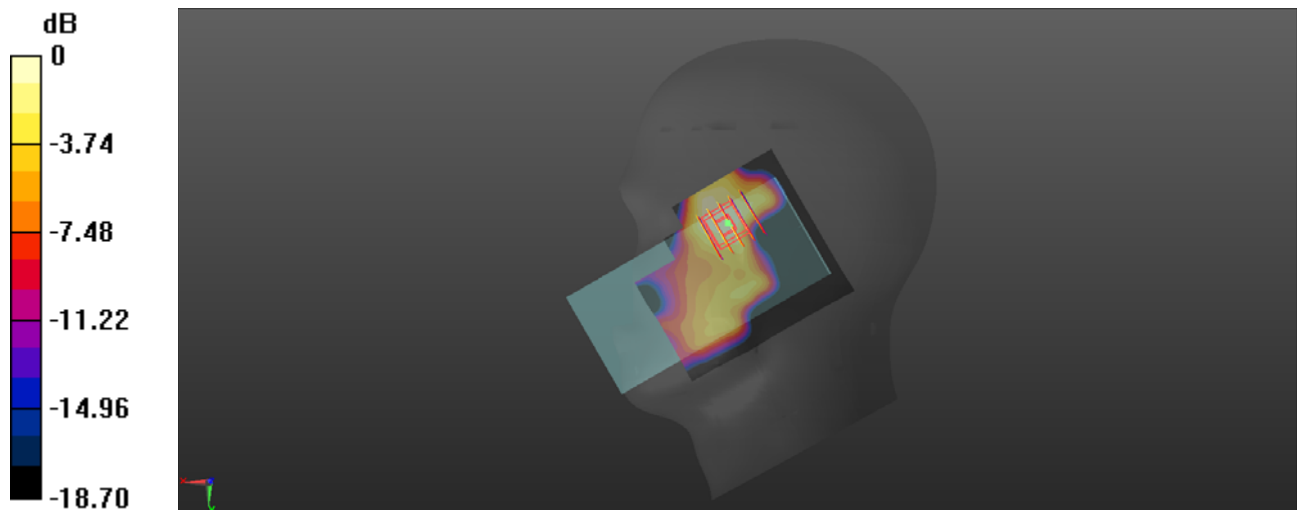
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.5030 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0575 W/kg



0 dB = 0.0575 W/kg

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

Date: 2024.05.18

LTE Band 26_15MHz_QPSK_1RB_37Offset_Left Cheek_Ch26865

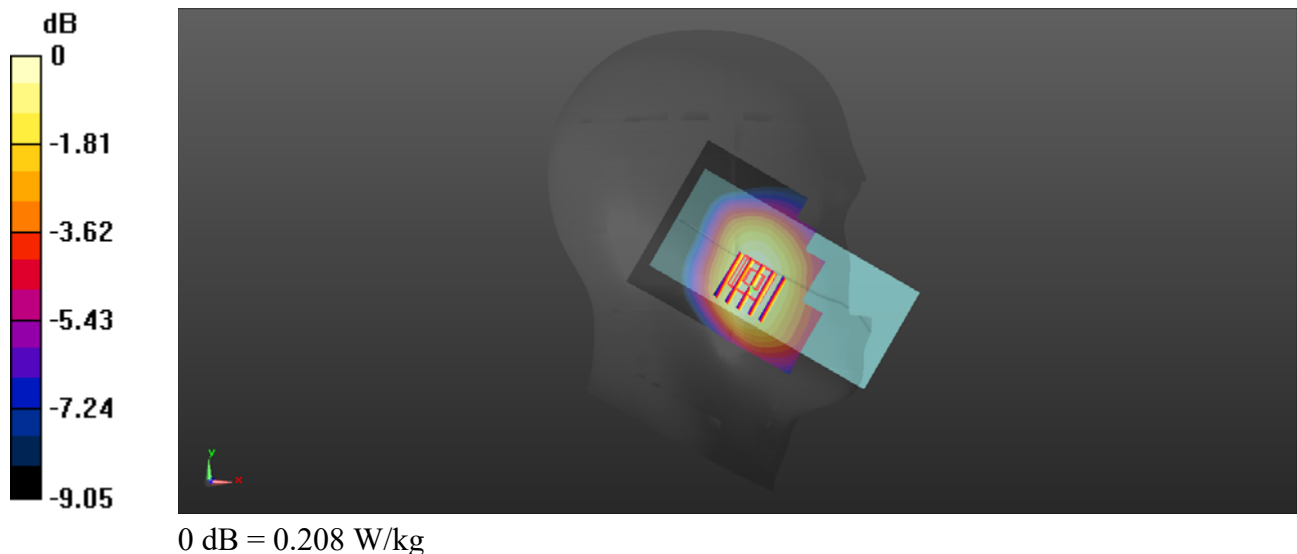
Communication System: UID 0, Generic LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.621$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 831.5 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)

Ch26865/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.213 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.780 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.144 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



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

Date: 2024.05.22

LTE Band 41_20MHz_QPSK_1RB_49Offset_Right Cheek_Ch40620

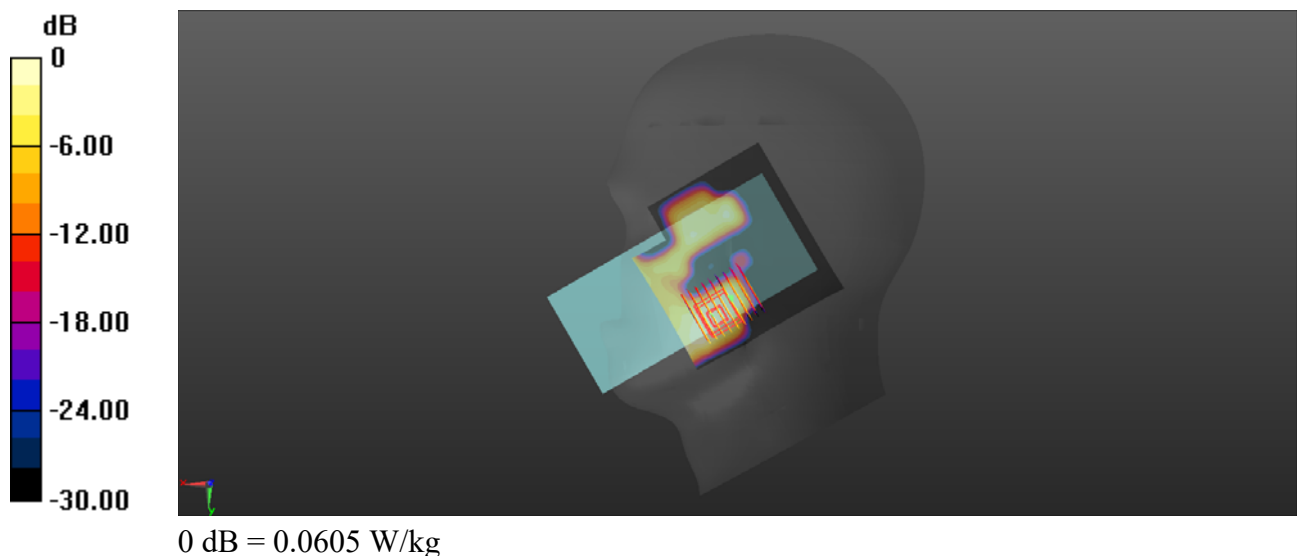
Communication System: UID 0, Generic LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 38.861$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

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) = 0.102 W/kg

Ch40620/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0770 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0605 W/kg



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

Date: 2024.05.19

LTE Band 66_20MHz_QPSK_1RB_49Offset_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; $\sigma = 1.35$ S/m; $\epsilon_r = 40.215$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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) = 0.202 W/kg

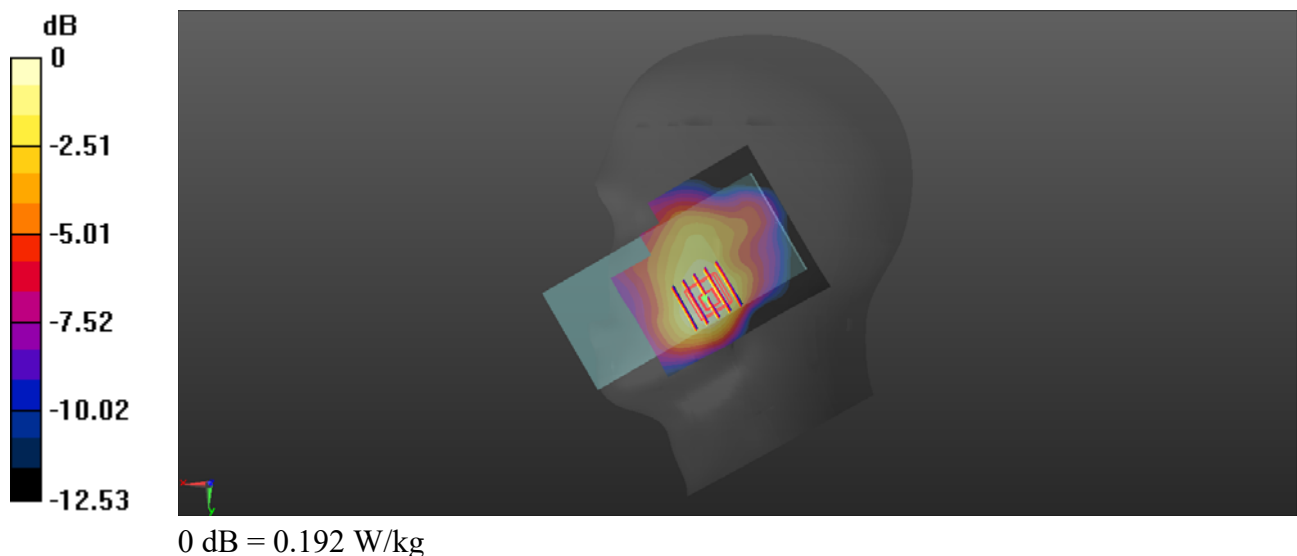
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.331 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.192 W/kg



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

Date: 2024.05.16

LTE Band 71_20MHz_QPSK_1RB_49Offset_Left Cheek_Ch133322

Communication System: UID 0, Generic LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 683$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.159$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 683 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)

Ch133322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

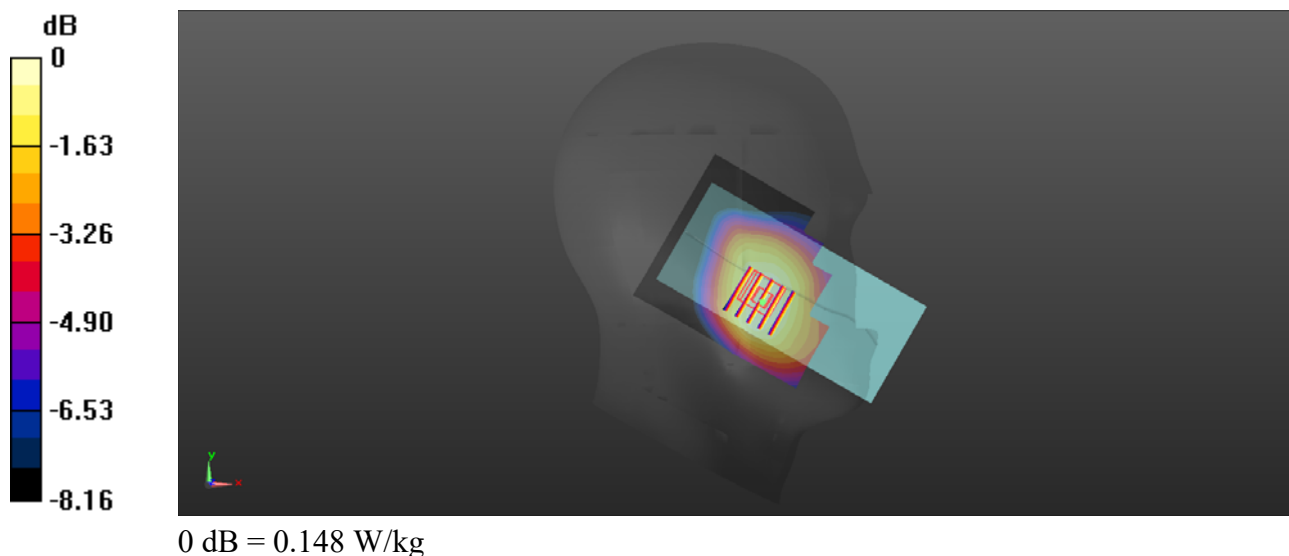
Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.410 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.104 W/kg

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



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

Date: 2024.05.20

WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 39.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2437 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)

Ch6/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

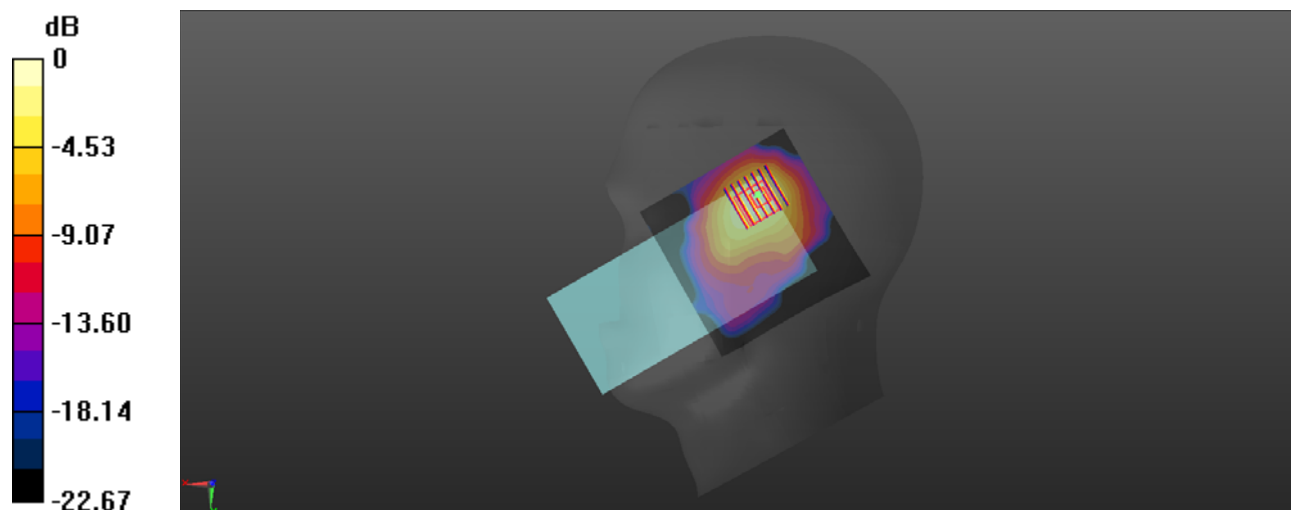
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.723 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.585 W/kg

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

Date: 2024.05.18

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; $\sigma = 0.922$ S/m; $\epsilon_r = 41.461$; $\rho = 1000$ kg/m³

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)

Ch189/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.624 W/kg

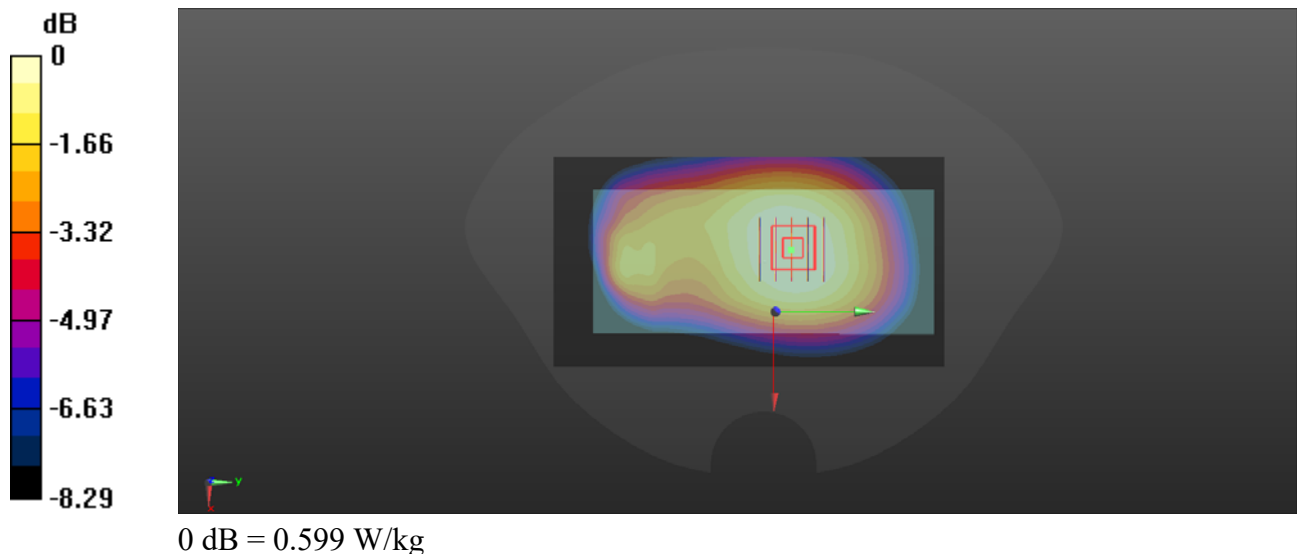
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.78 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



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

Date: 2024.05.29

GSM1900_GPRS(4 TX slots))_Back Side_10mm_Ch661

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 40.08$; $\rho = 1000$ kg/m³

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)

Ch661/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

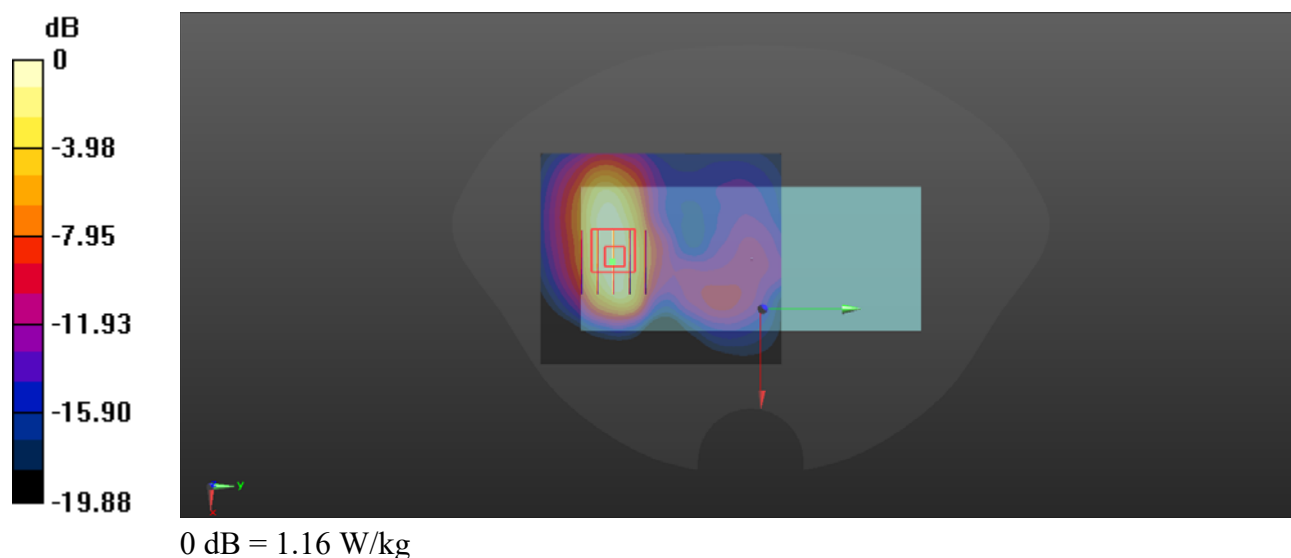
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.419 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.484 W/kg

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



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

Date: 2024.05.29

WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400

Communication System: UID 0, Generic WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 40.08$; $\rho = 1000$ kg/m³
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)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.930 W/kg

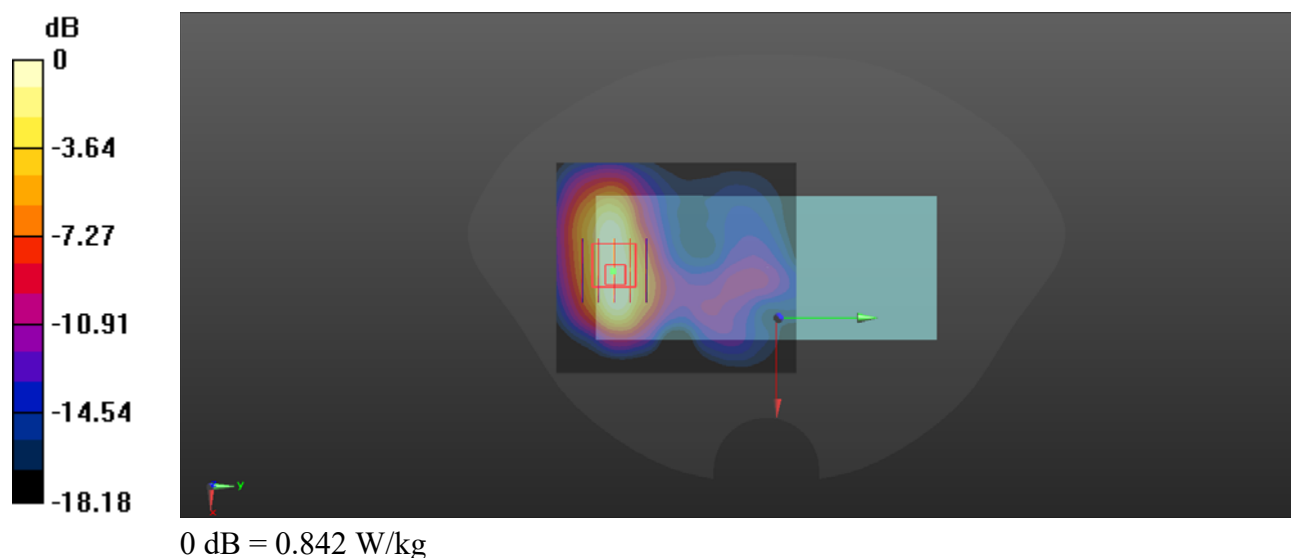
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.127 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 0.842 W/kg



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

Date: 2024.05.29

WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1312

Communication System: UID 0, UMTS-FDD (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 41.52$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1712.4 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)

Ch1312/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

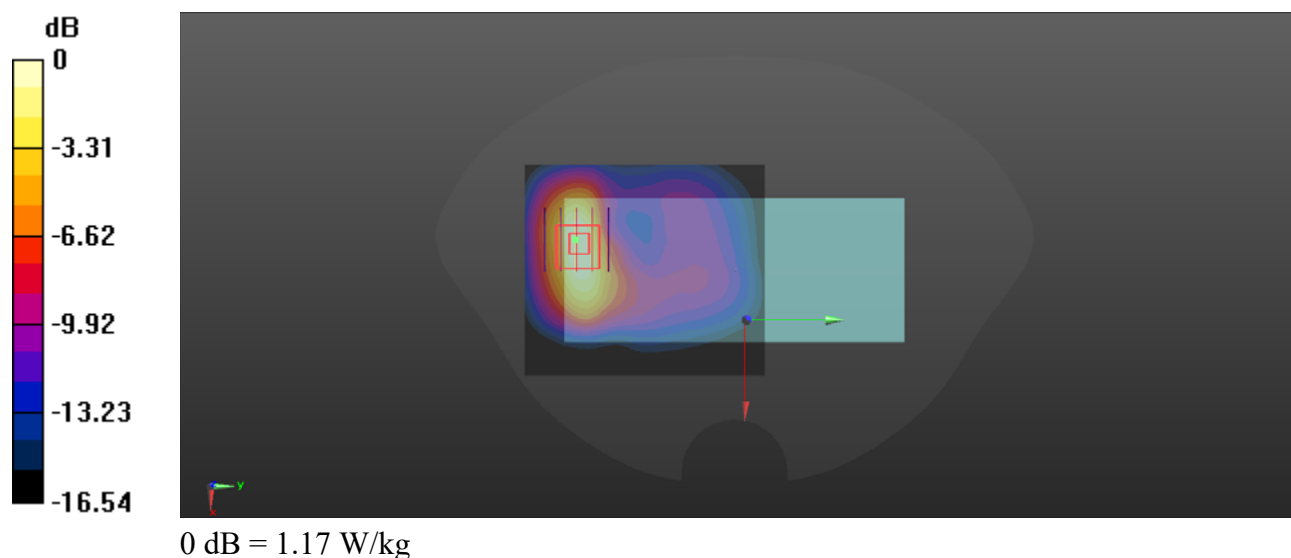
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.117 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.478 W/kg

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



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

Date: 2024.05.18

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4182

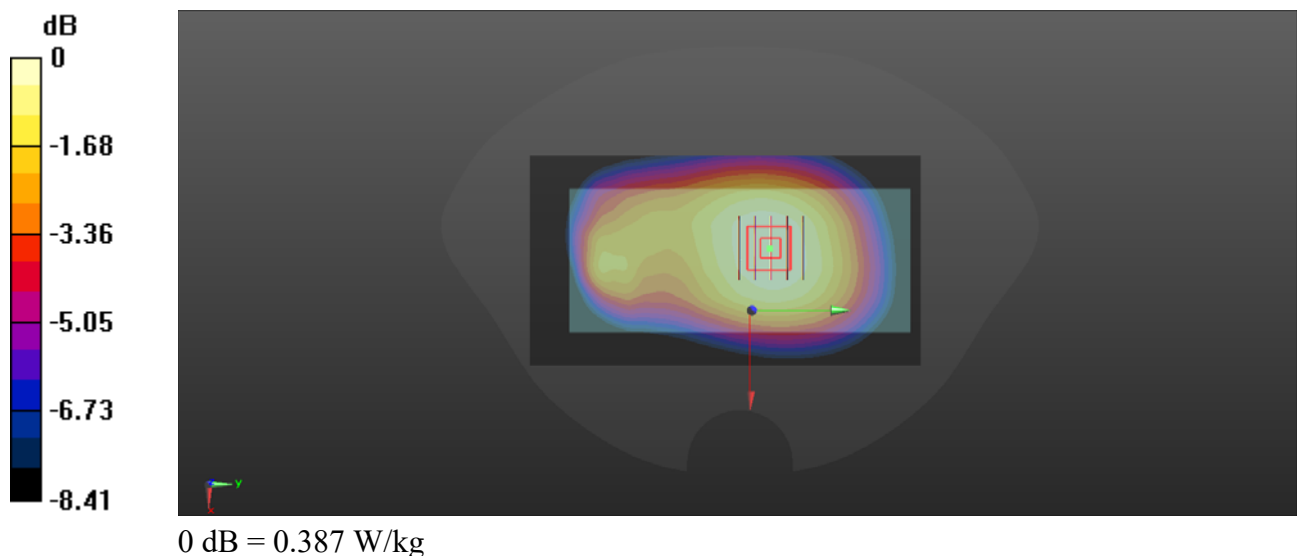
Communication System: UID 0, Generic WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 41.461$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.383 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.15 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 0.387 W/kg



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

Date: 2024.05.29

LTE Band 4_20MHz_QPSK_1RB_49Offset_Back Side 10mm_Ch20050

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

Medium: HSL_1800 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 41.407$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1720 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)

Ch20050/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

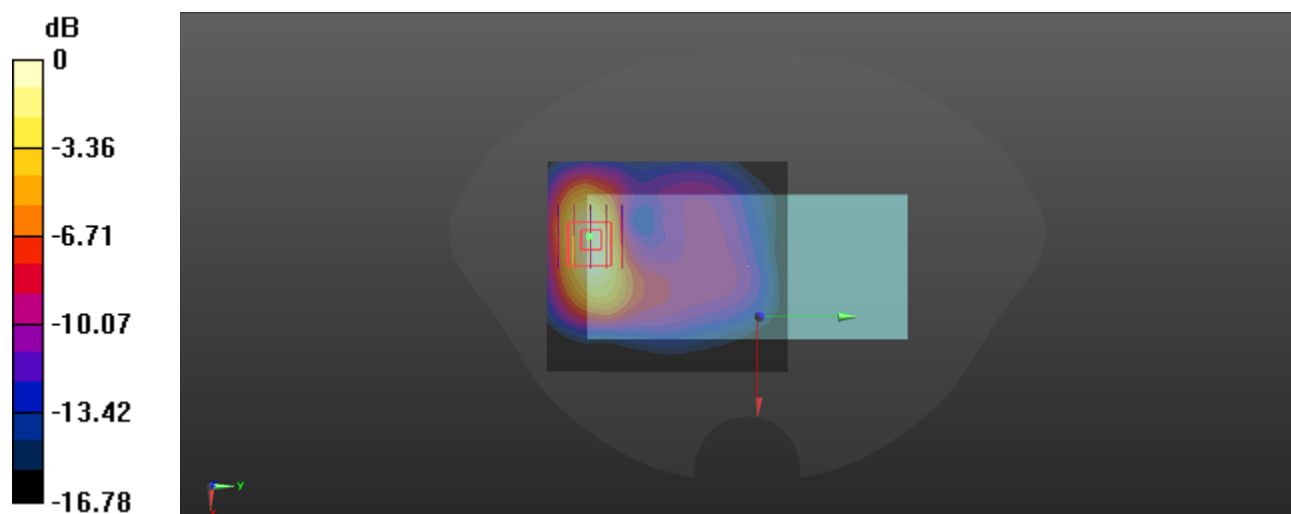
Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.568 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.448 W/kg

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



0 dB = 1.11 W/kg

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

Date: 2024.05.16

LTE Band 12_10MHz_QPSK_1RB_25Offset_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; $\sigma = 0.876$ S/m; $\epsilon_r = 42.163$; $\rho = 1000$ kg/m³
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 (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

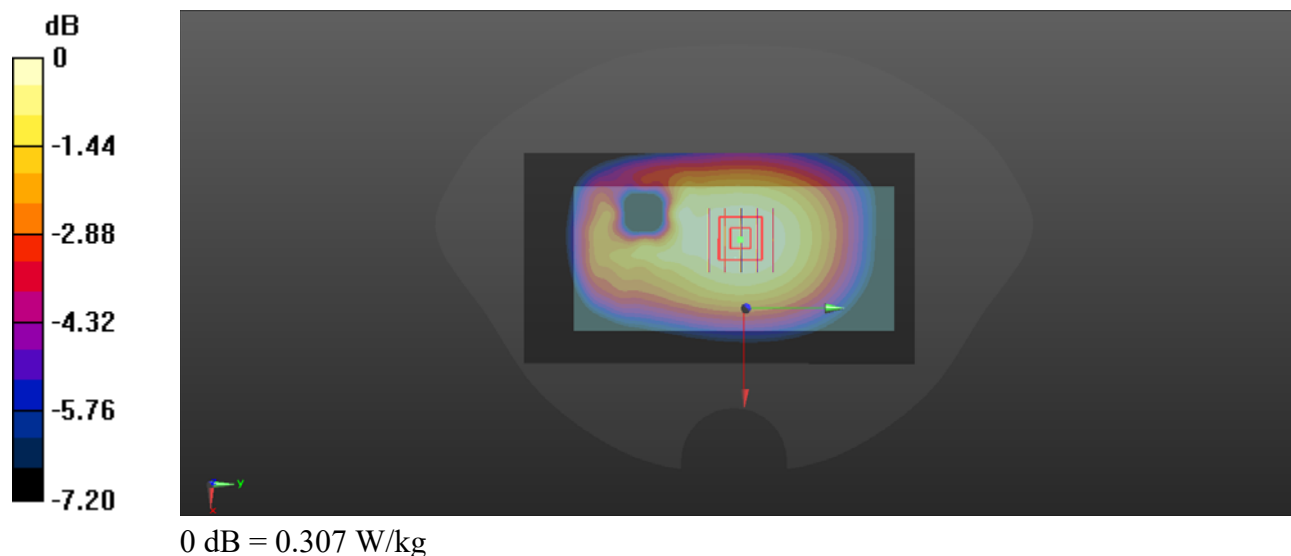
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.64 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.209 W/kg

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



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

Date: 2024.05.31

LTE Band 25_20MHz_QPSK_1RB_49Offset_Back Side 10mm_Ch26590

Communication System: UID 0, LTE (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1905 \text{ MHz}$; $\sigma = 1.364 \text{ S/m}$; $\epsilon_r = 40.884$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1905 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)

Ch26590/Area Scan (71x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

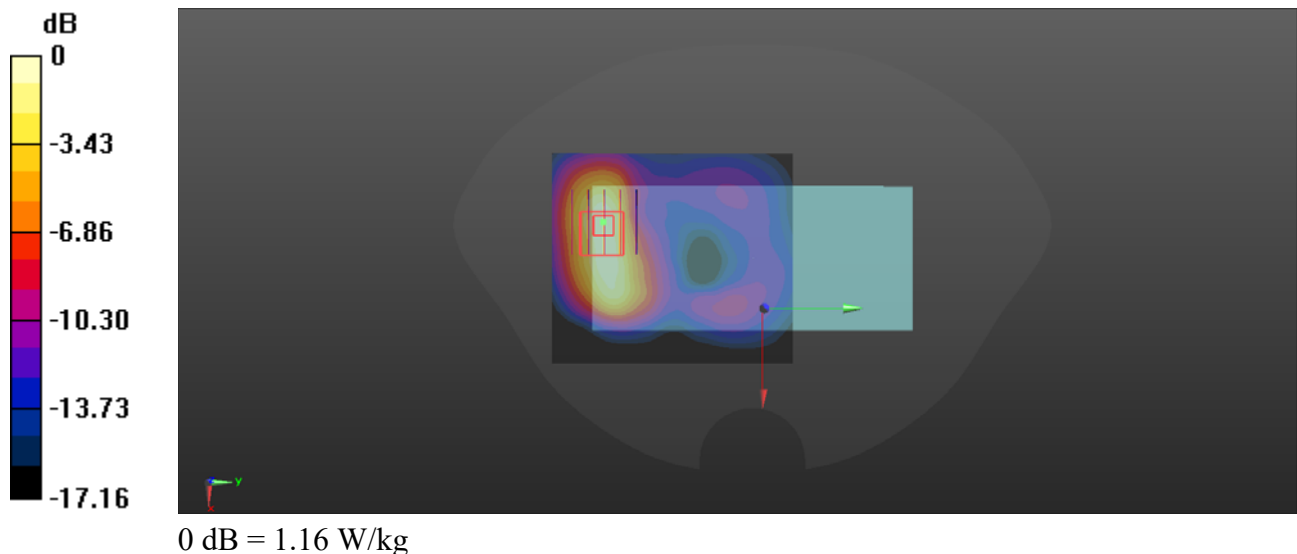
Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.438 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.468 W/kg

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



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

Date: 2024.05.18

LTE Band 26_15MHz_QPSK_1RB_37Offset_Back Side_10mm_Ch26865

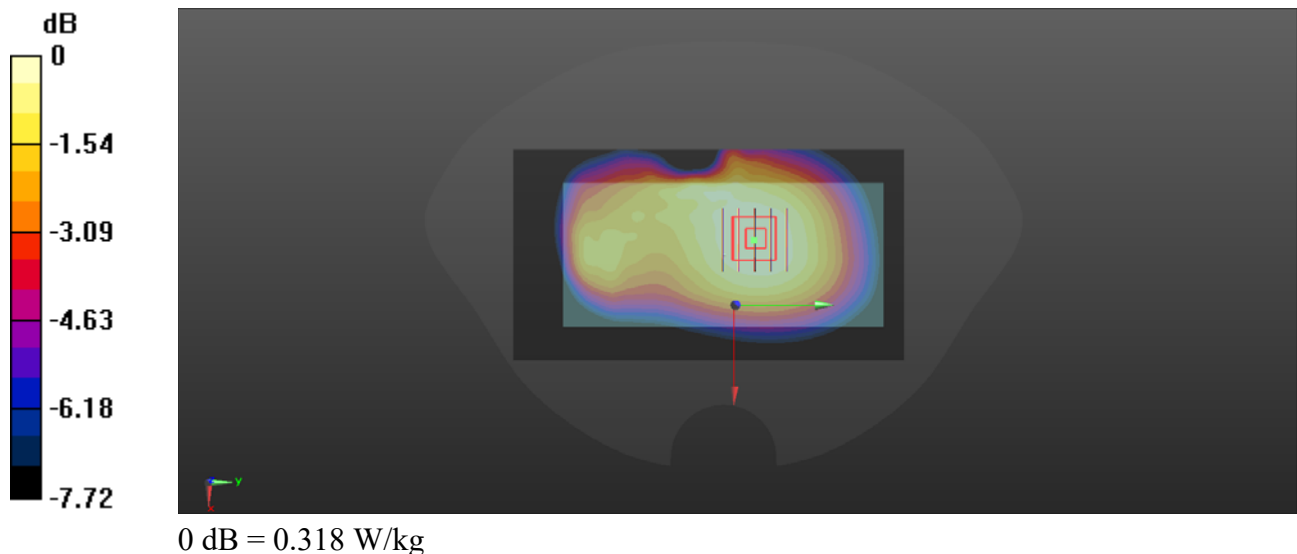
Communication System: UID 0, Generic LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.621$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 831.5 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)

Ch26865/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.320 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.00 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.318 W/kg



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

Date: 2024.05.22

LTE Band 41_20MHz_QPSK_1RB_49Offset_Back Side 10mm_Ch40620

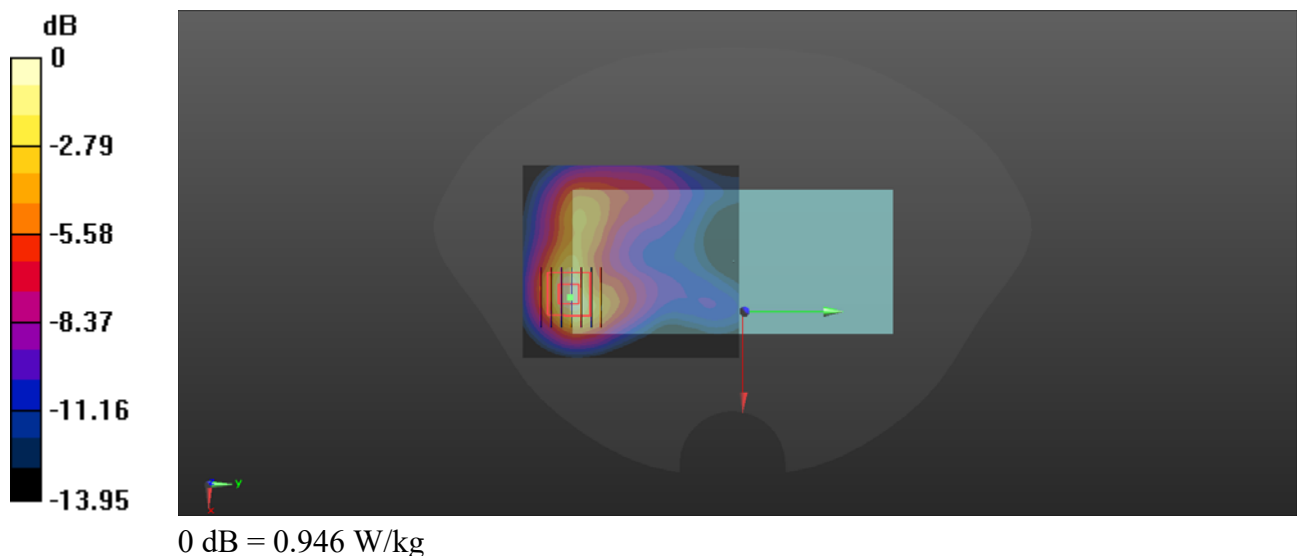
Communication System: UID 0, Generic LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 38.861$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

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 (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.944 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.029 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.946 W/kg



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

Date: 2024.05.29

LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side 10mm_Ch132072

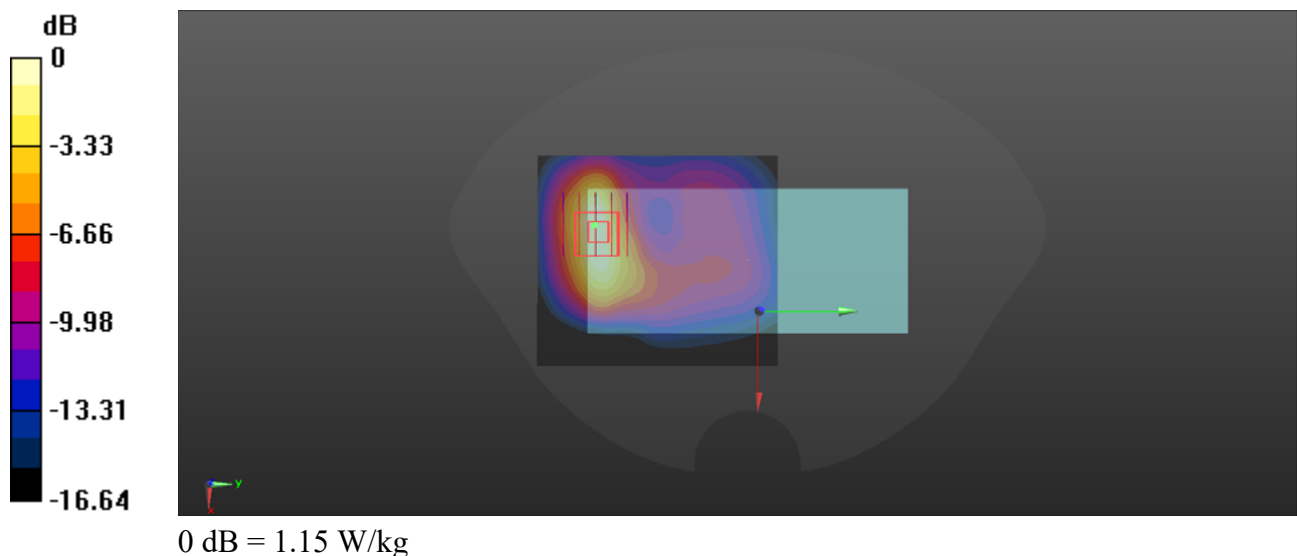
Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 41.407$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1720 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)

Ch132072/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.810 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.481 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



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

Date: 2024.05.16

LTE Band 71_20MHz_QPSK_1RB_49Offset_Back Side_10mm_Ch133322

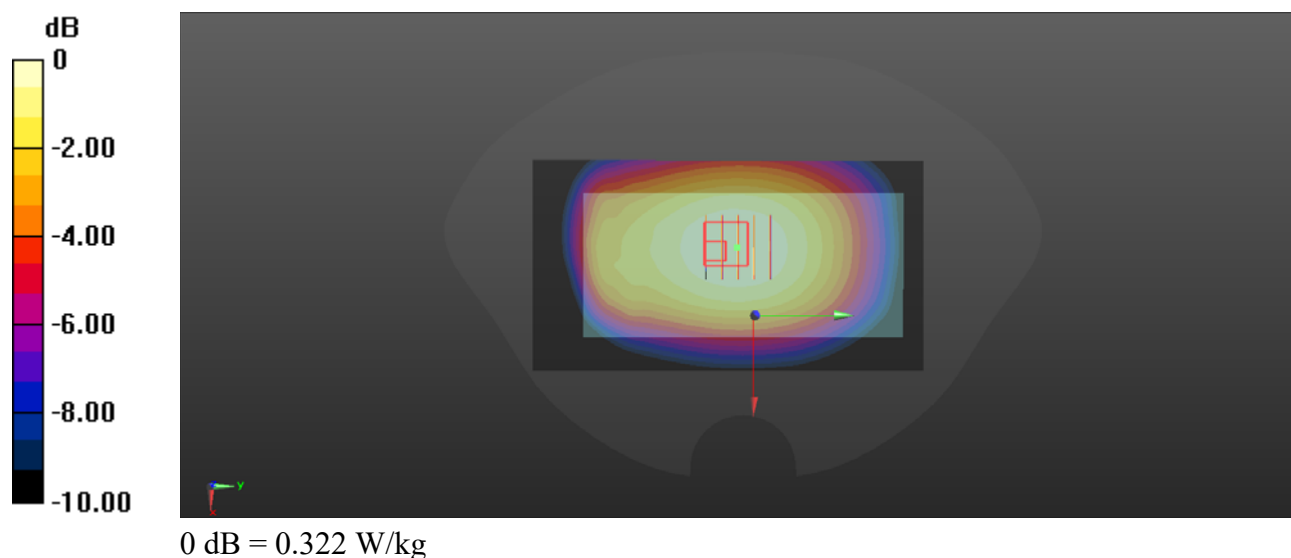
Communication System: UID 0, Generic LTE (0); Frequency: 683 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 42.159$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 683 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)

Ch133322/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.321 W/kg

Ch133322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 19.02 V/m ; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.504 W/kg
SAR(1 g) = 0.298 W/kg ; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



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

Date: 2024.05.20

WLAN2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.003

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 39.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2437 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)

Ch6/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.285 W/kg

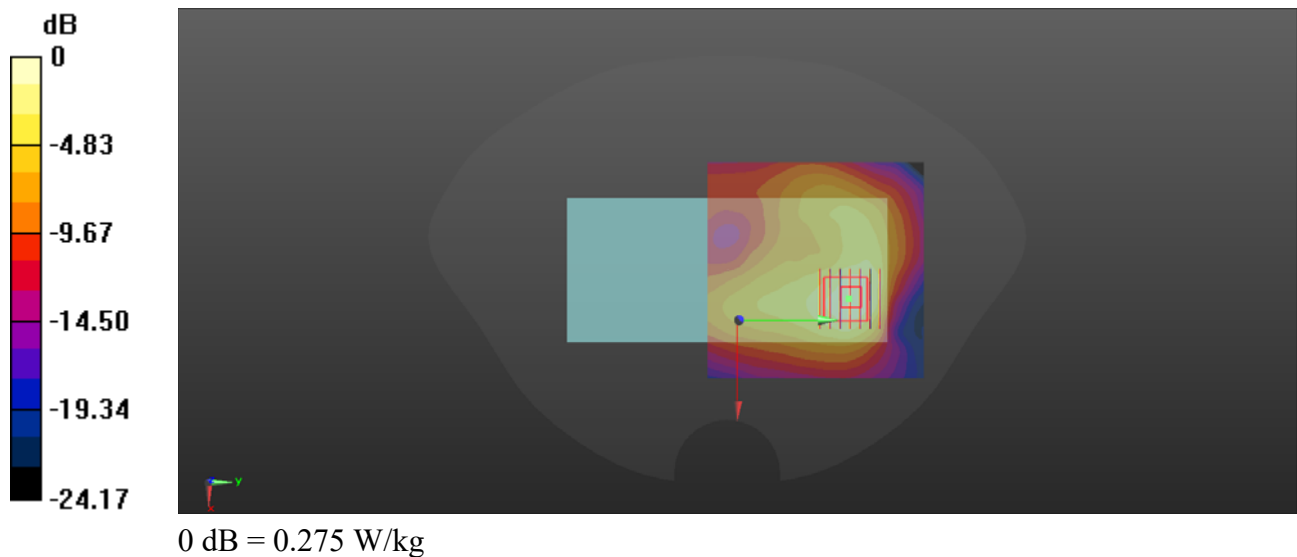
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.454 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



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

Date: 2024.05.20

Bluetooth_DH 5_Back Side_10mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.084

Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 39.478$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2441 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)

Ch39/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0492 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0680 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0442 W/kg

