# Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.20

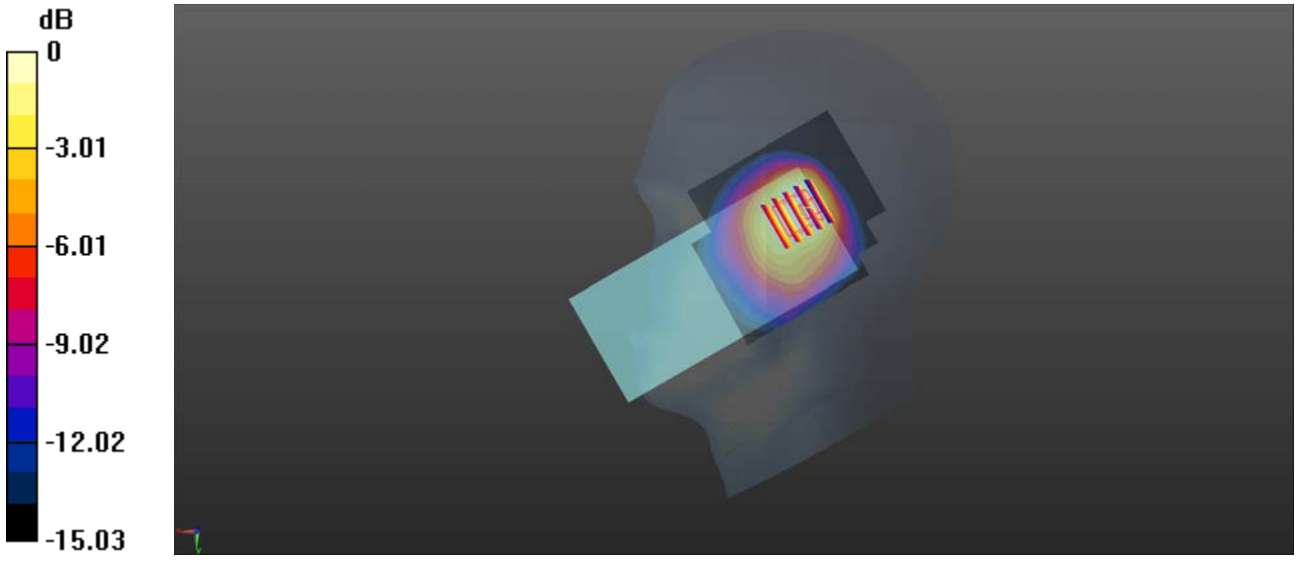
# GSM850_GPRS(4 TX slots)_Right Cheek_Ch189_Ant 2

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; $\sigma$ = 0.943 S/m; $\varepsilon_r$ = 42.978; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.10, 10.10, 10.10) @ 836.4 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.604 W/kg

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.03 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.728 W/kg
**SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.276 W/kg**
Maximum value of SAR (measured) = 0.566 W/kg




0 dB = 0.566 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

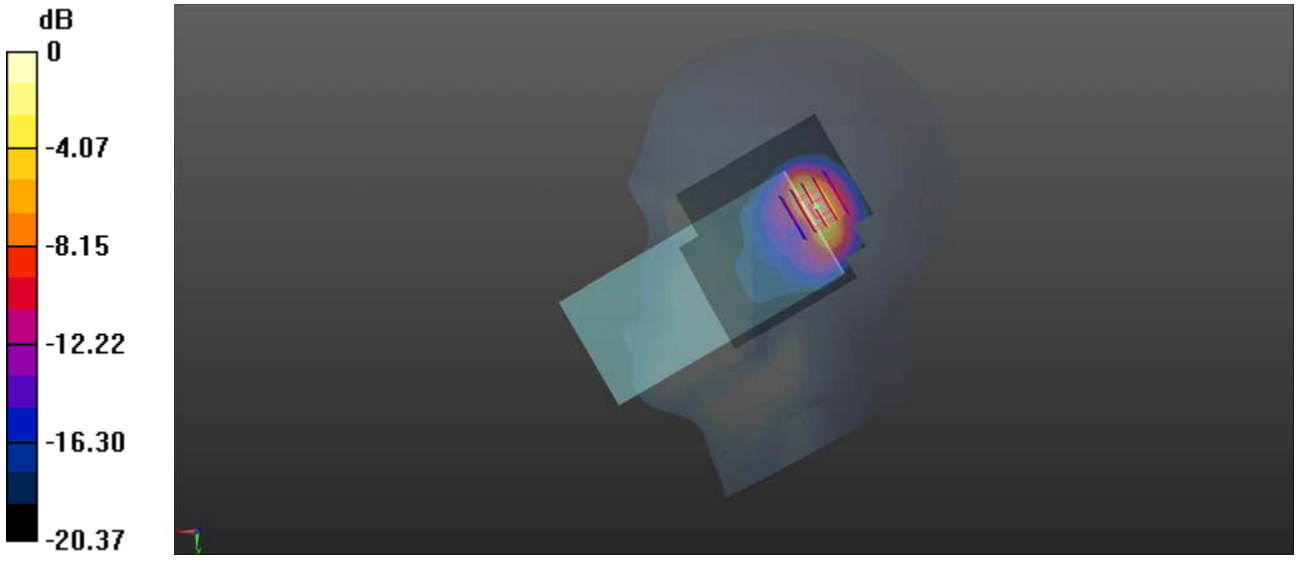
# GSM1900_GPRS(3 TX slots)_Right Tilt_Ch810_Ant 2

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_2000 Medium parameters used: f = 1910 MHz; $\sigma$ = 1.381 S/m; $\varepsilon_r$ = 39.997; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1909.8 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch810/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.074 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.30 W/kg
**SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.302 W/kg**
Maximum value of SAR (measured) = 1.00 W/kg




0 dB = 1.00 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

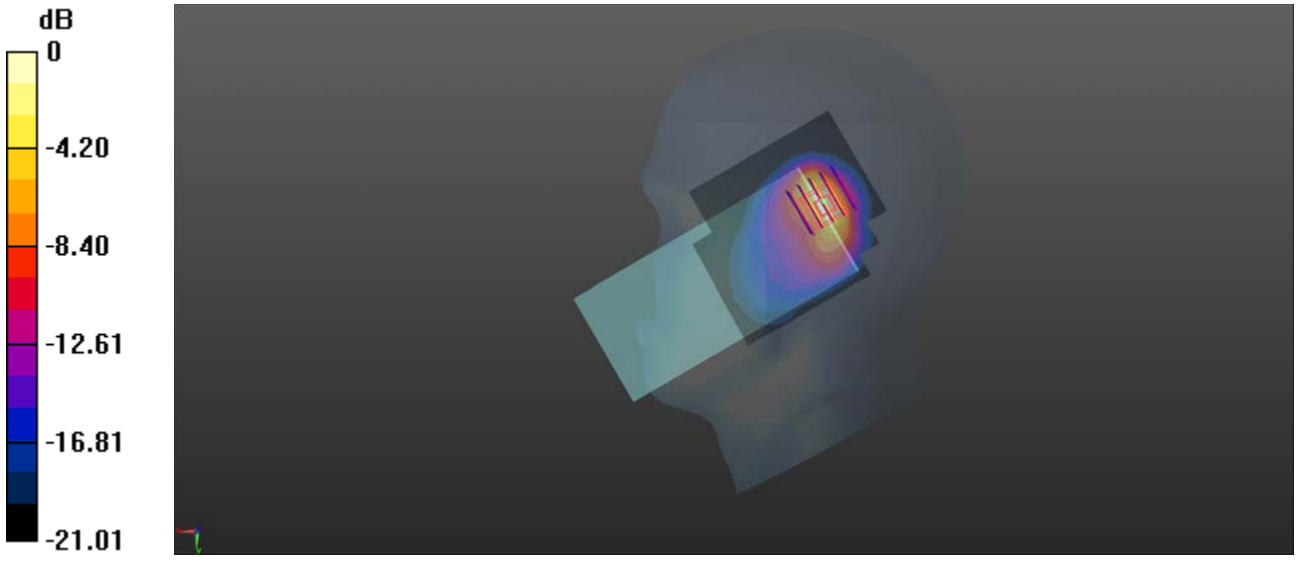
# WCDMA Band II_RMC 12.2Kbps_Right Tilt_Ch9400_Ant 2

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.60, 8.60, 8.60) @ 1880 MHz; Calibrated: 2022.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 1.14 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.32 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.55 W/kg
**SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.348 W/kg**
Maximum value of SAR (measured) = 1.13 W/kg




0 dB = 1.13 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

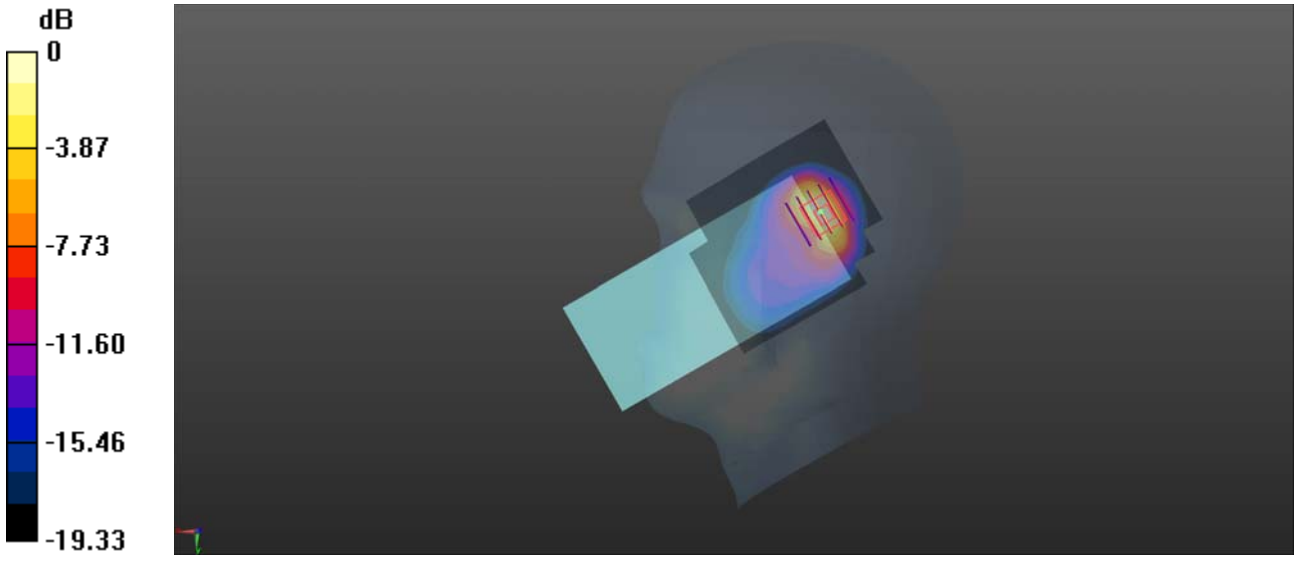
# WCDMA Band IV_RMC 12.2Kbps_Right Tilt_Ch1513_Ant 2

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1753 MHz; $\sigma$ = 1.454 S/m; $\varepsilon_r$ = 39.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1752.6 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1513/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.58 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.48 W/kg
**SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.350 W/kg**
Maximum value of SAR (measured) = 1.17 W/kg




0 dB = 1.17 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.20

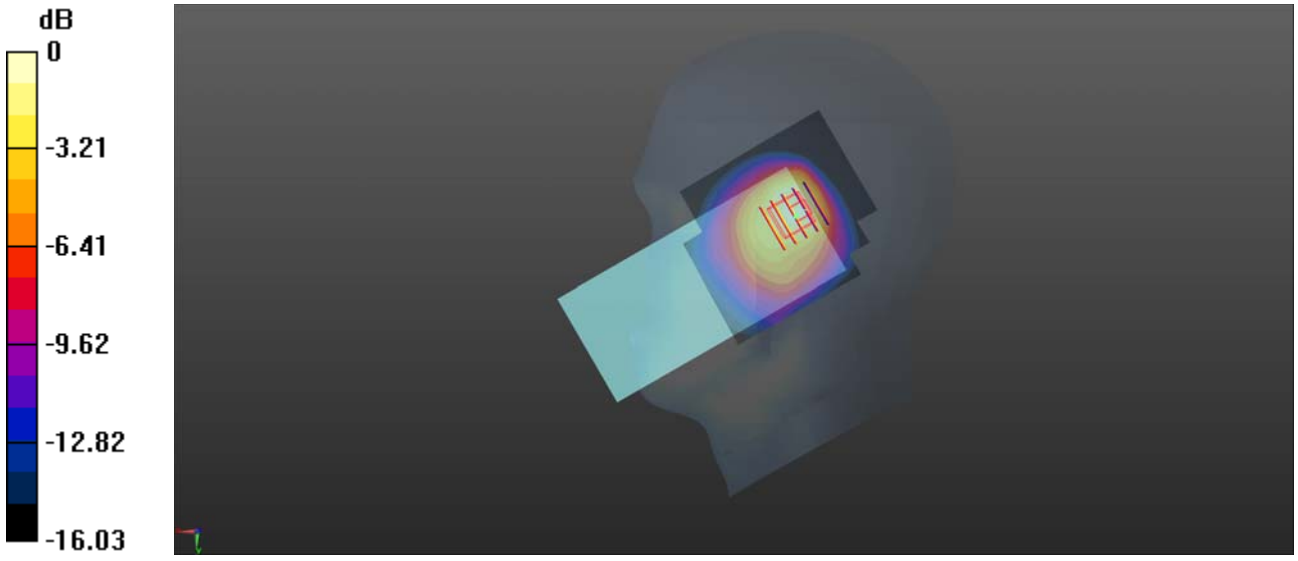
# WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4182_Ant 2

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.943 S/m; $\varepsilon_r$ = 42.978; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.10, 10.10, 10.10) @ 836.5 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.433 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.89 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.669 W/kg
**SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.228 W/kg**
Maximum value of SAR (measured) = 0.518 W/kg




0 dB = 0.518 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

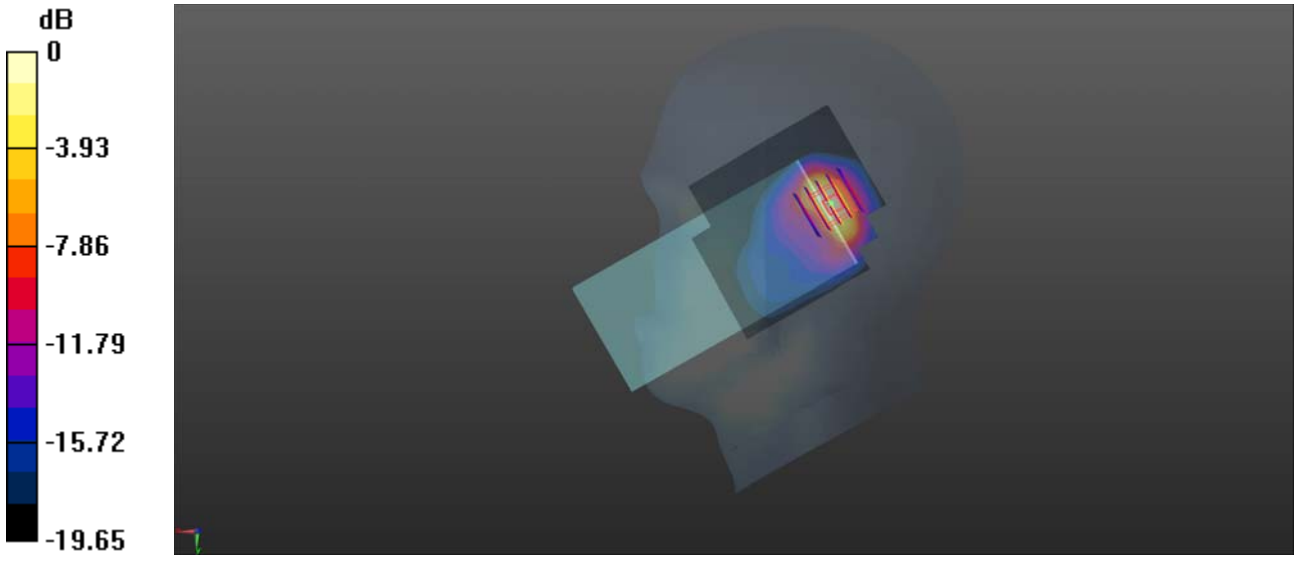
# LTE Band 2_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch19100_Ant 2

Communication System: UID 0, LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1900 MHz; $\sigma$ = 1.375 S/m; $\varepsilon_r$ = 39.998; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1900 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch19100/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.68 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.34 W/kg
**SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.325 W/kg**
Maximum value of SAR (measured) = 1.07 W/kg




0 dB = 1.07 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

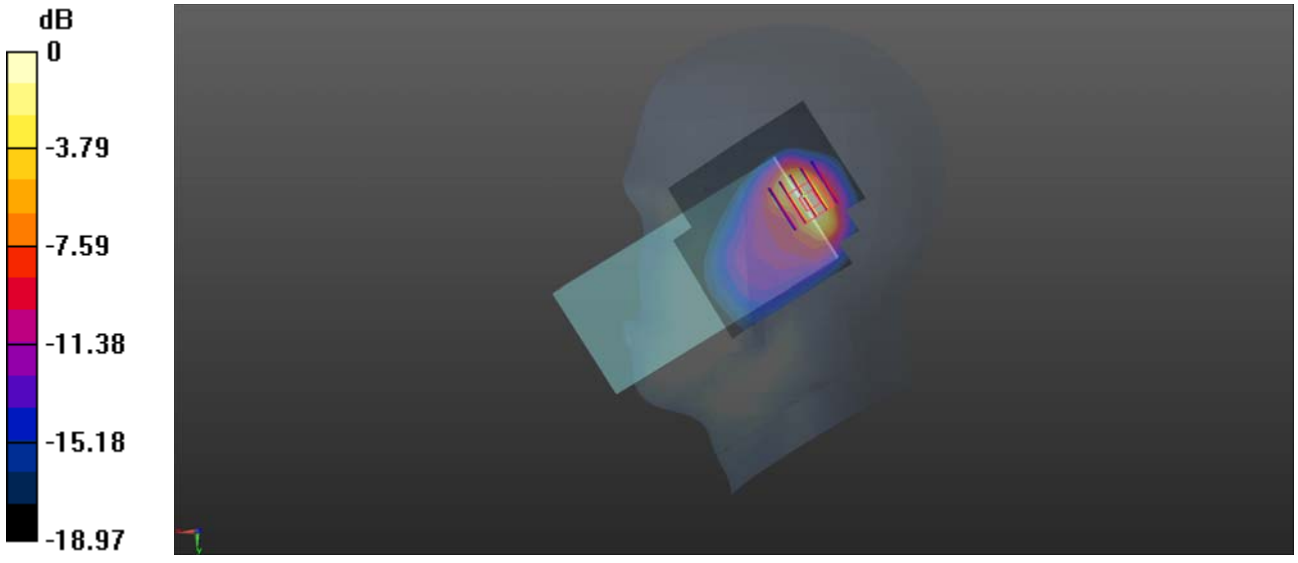
# LTE Band 4_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch20175_Ant 2

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.394 S/m; $\varepsilon_r$ = 39.868; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1720 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 1.02 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.54 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.21 W/kg
**SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.305 W/kg**
Maximum value of SAR (measured) = 0.942 W/kg




0 dB = 0.942 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.20

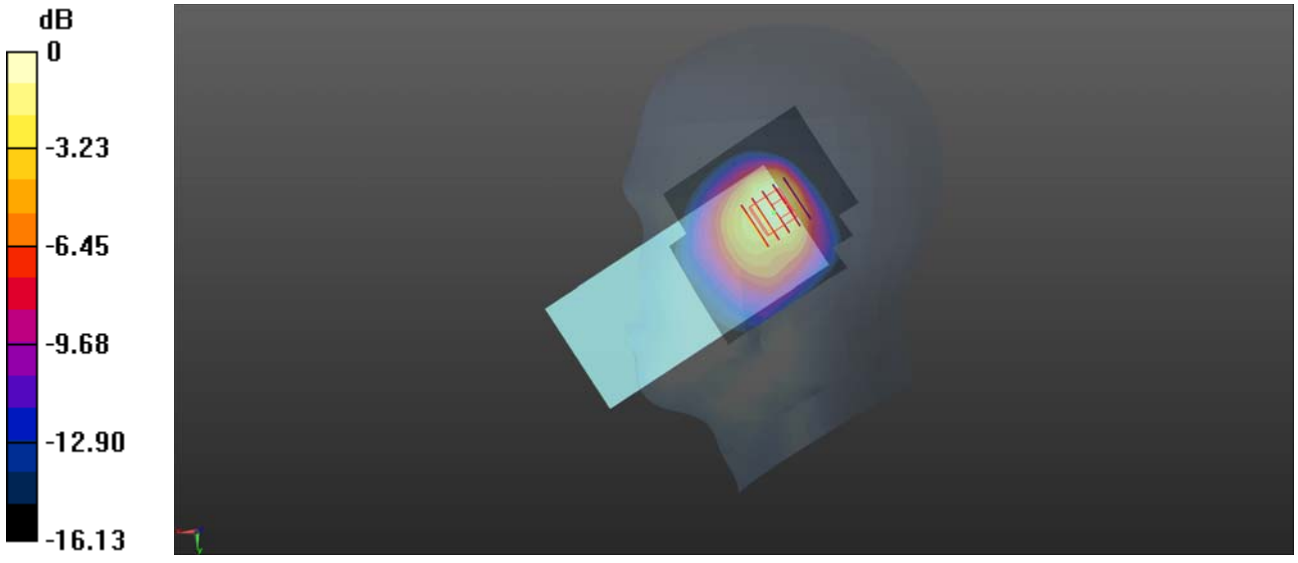
# LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20525_Ant 2

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used (interpolated): f = 836.5 MHz; $\sigma$ = 0.943 S/m; $\varepsilon_r$ = 42.967; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.10, 10.10, 10.10) @ 836.5 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20525/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.377 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.40 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.582 W/kg
**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.189 W/kg**
Maximum value of SAR (measured) = 0.457 W/kg




0 dB = 0.457 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.31

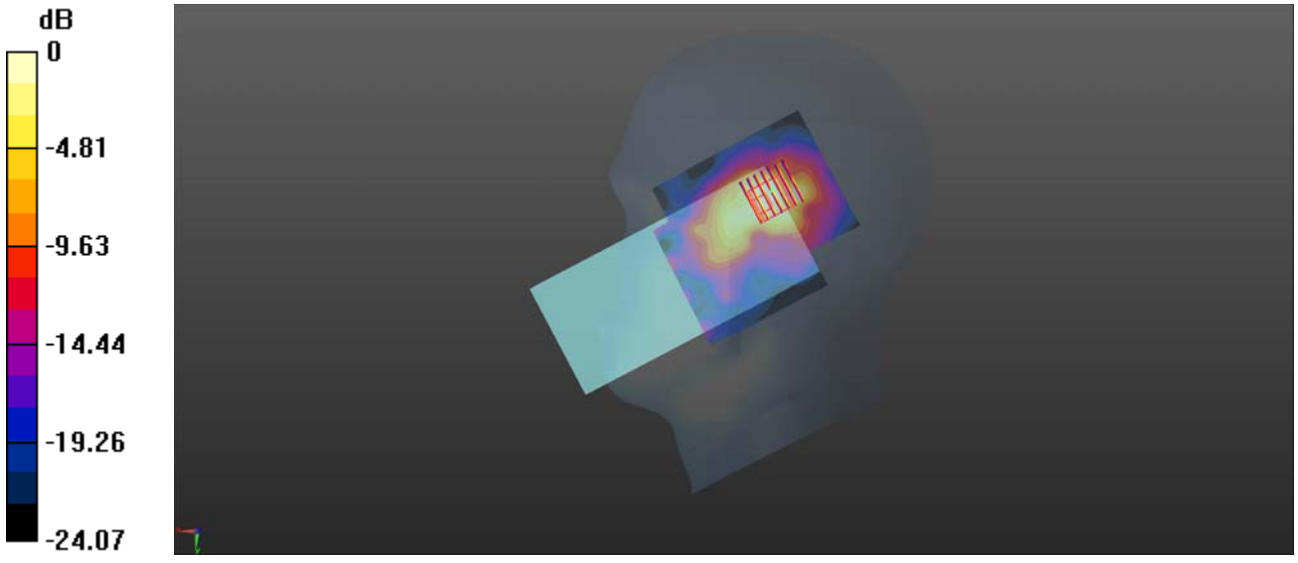
# LTE Band 7_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch21100_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; $\sigma$ = 1.911 S/m; $\varepsilon_r$ = 38.489; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2535 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch21100/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.10 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 3.90 W/kg
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.335 W/kg**
Maximum value of SAR (measured) = 1.02 W/kg




0 dB = 1.02 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.16

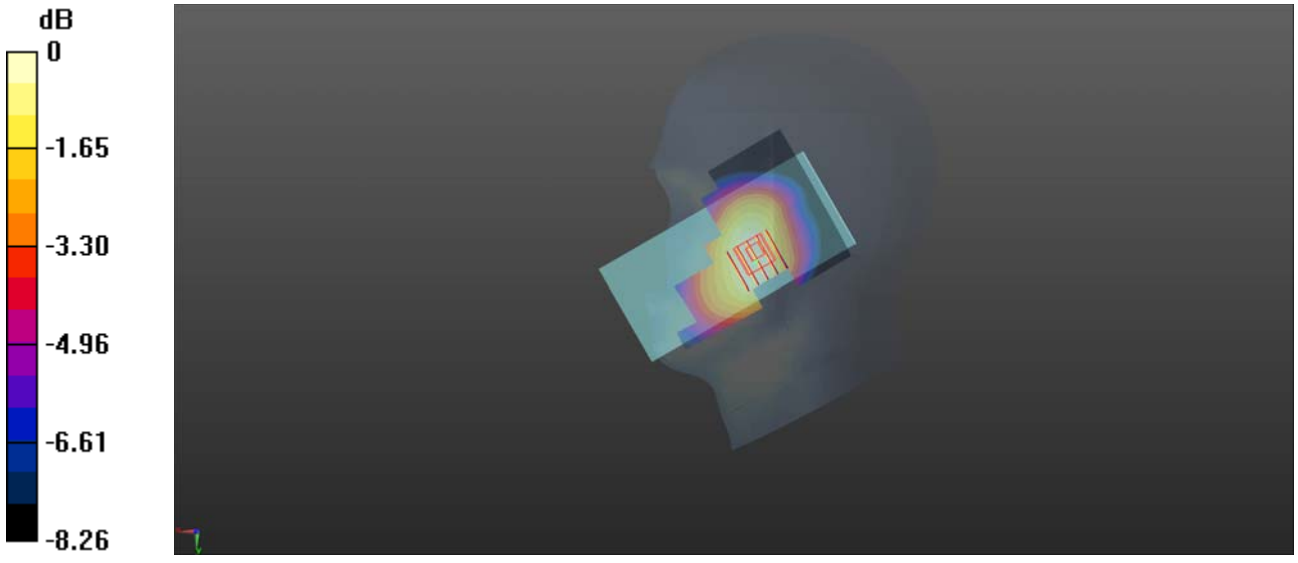
# LTE Band 13_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23230_Ant 3

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; $\sigma$ = 0.938 S/m; $\varepsilon_r$ = 42.016; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 782 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23230/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.180 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.763 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.192 W/kg
**SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.122 W/kg**
Maximum value of SAR (measured) = 0.174 W/kg




0 dB = 0.174 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.31

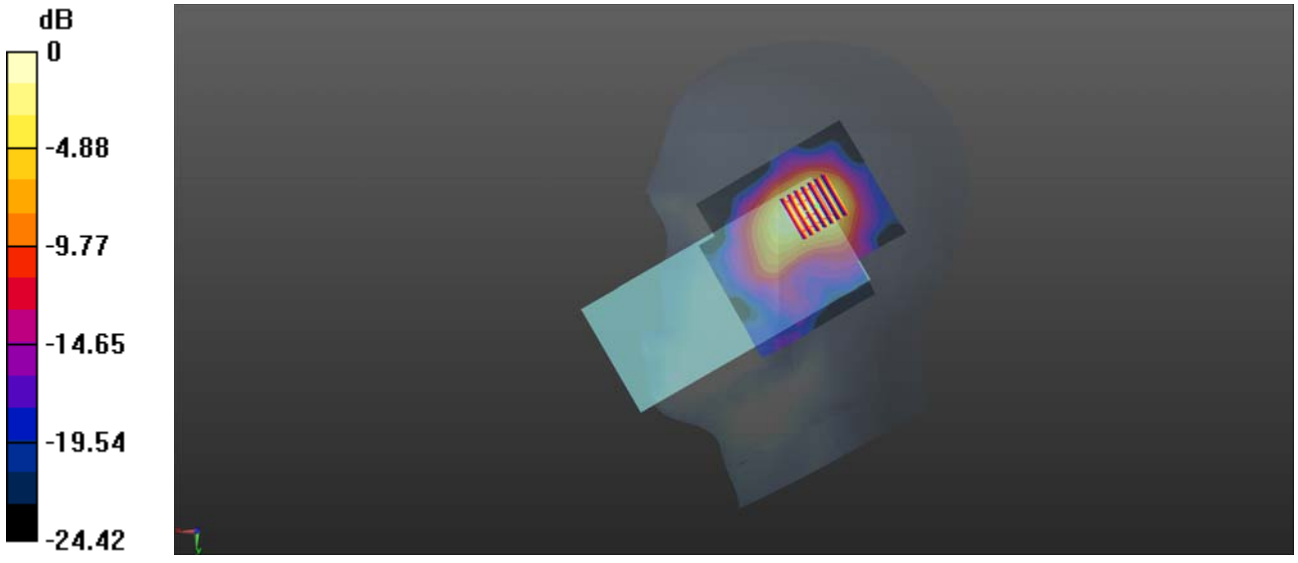
# LTE Band 38_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch38000_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; $\sigma$ = 1.98 S/m; $\varepsilon_r$ = 38.287; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.50, 7.50, 7.50) @ 2595 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.816 W/kg

**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.125 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.946 W/kg
**SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.244 W/kg**
Maximum value of SAR (measured) = 0.711 W/kg




0 dB = 0.711 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.22

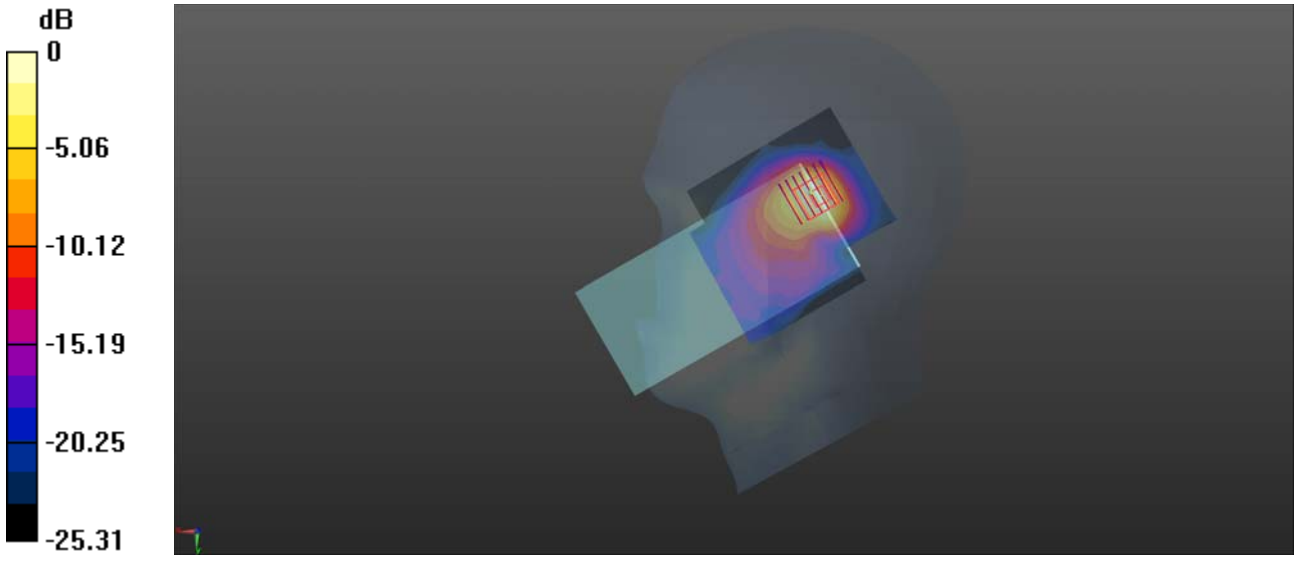
# LTE Band 40A_10MHz_QPSK_1RB_0Offset_Right Tilt_Ch38750_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; $\sigma$ = 1.66 S/m; $\varepsilon_r$ = 39.354; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.95, 7.95, 7.95) @ 2310 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- 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) = 0.943 W/kg

**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.35 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.28 W/kg
**SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.223 W/kg**
Maximum value of SAR (measured) = 0.798 W/kg




0 dB = 0.798 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.22

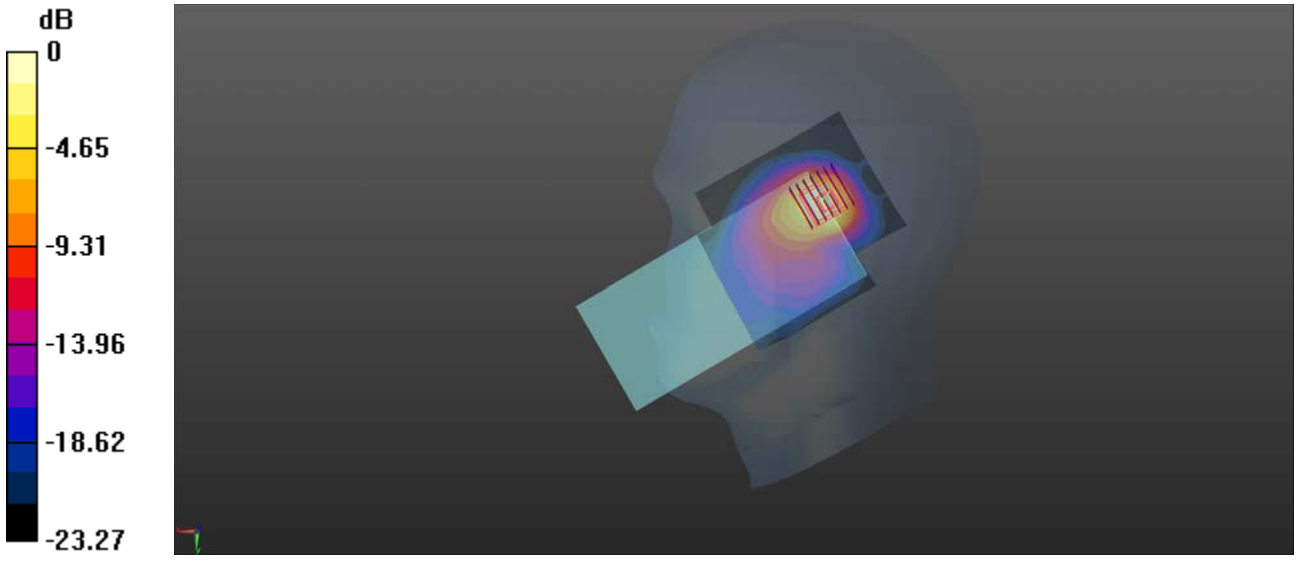
# LTE Band 40B_10MHz_QPSK_1RB_0Offset_Right Tilt_Ch39200_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; $\sigma$ = 1.66 S/m; $\varepsilon_r$ = 39.354; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.95, 7.95, 7.95) @ 2310 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- 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) = 0.900 W/kg

**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.53 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.22 W/kg
**SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.207 W/kg**
Maximum value of SAR (measured) = 0.746 W/kg




0 dB = 0.746 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.31

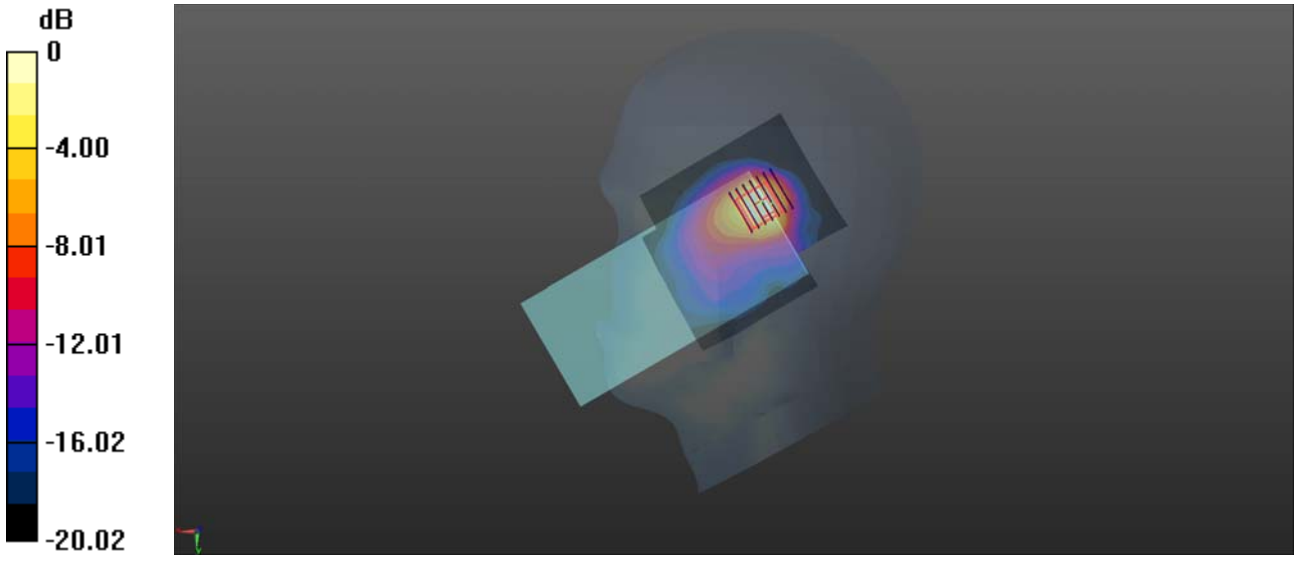
# LTE Band 41_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch40640_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; $\sigma$ = 1.98 S/m; $\varepsilon_r$ = 38.287; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.50, 7.50, 7.50) @ 2595 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch40640/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

**Ch40640/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.91 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.36 W/kg
**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.249 W/kg**
Maximum value of SAR (measured) = 0.844 W/kg




0 dB = 0.844 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

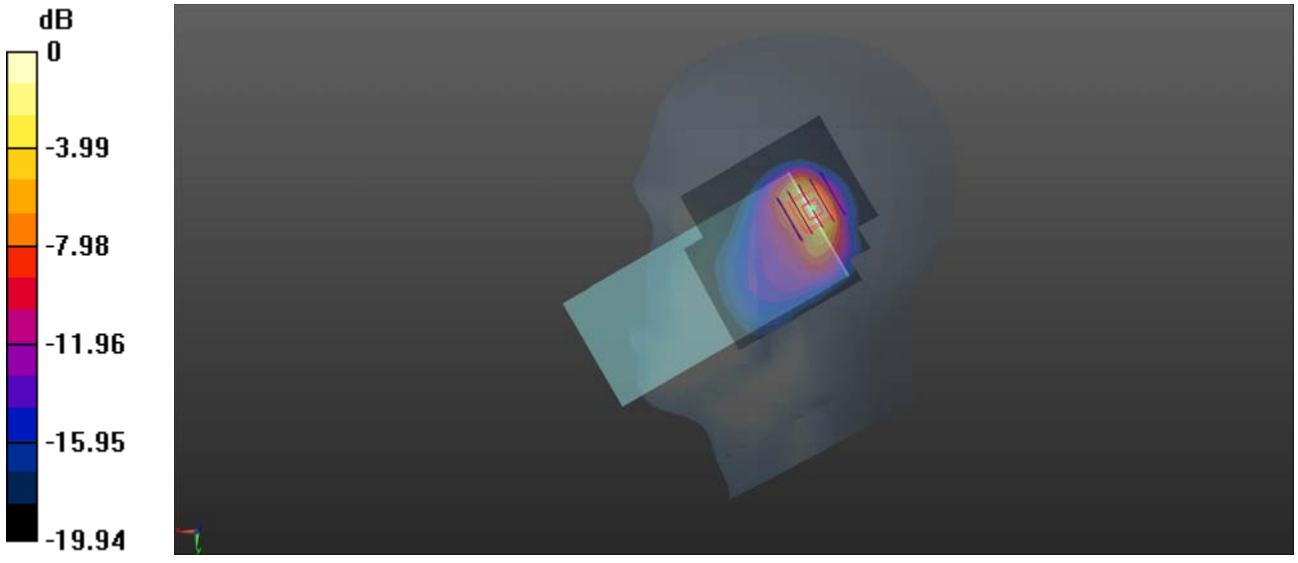
# LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch132322_Ant 2

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used (interpolated): f = 1745 MHz; $\sigma$ = 1.438 S/m; $\varepsilon_r$ = 39.567; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.60, 8.60, 8.60) @ 1745 MHz; Calibrated: 2022.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.886 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.26 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.24 W/kg
**SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.278 W/kg**
Maximum value of SAR (measured) = 0.967 W/kg




0 dB = 0.967 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.25

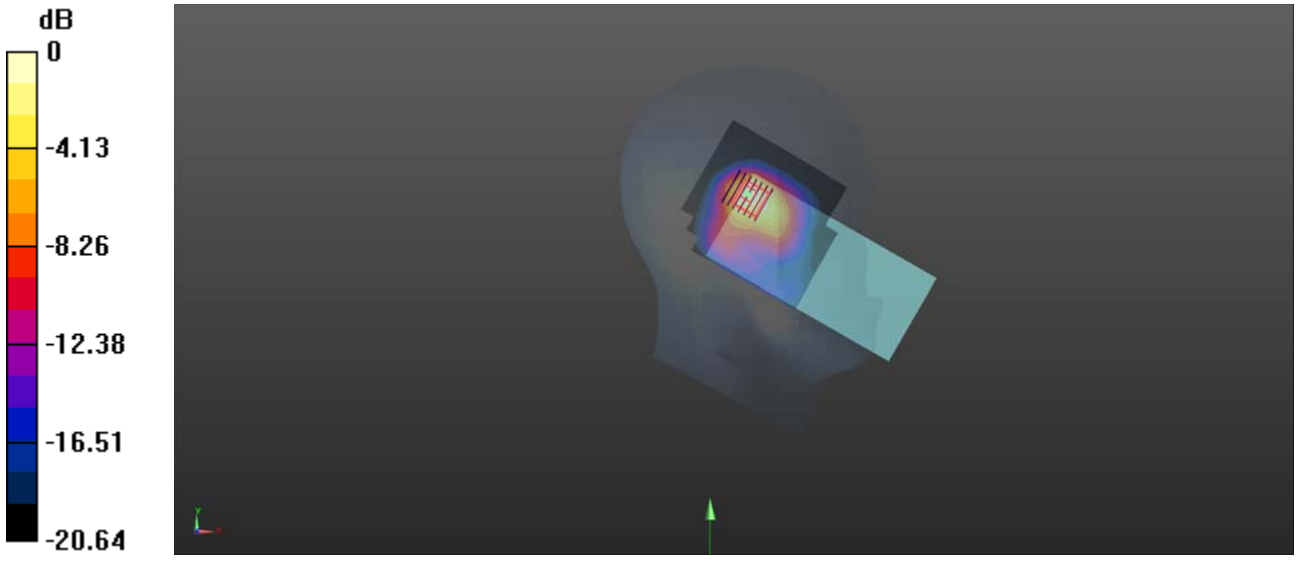
## WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch11_Ant 0

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; $\varepsilon_r$ = 38.806; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2462 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch11/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.874 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.30 W/kg
**SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.272 W/kg**
Maximum value of SAR (measured) = 0.842 W/kg




0 dB = 0.842 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.30

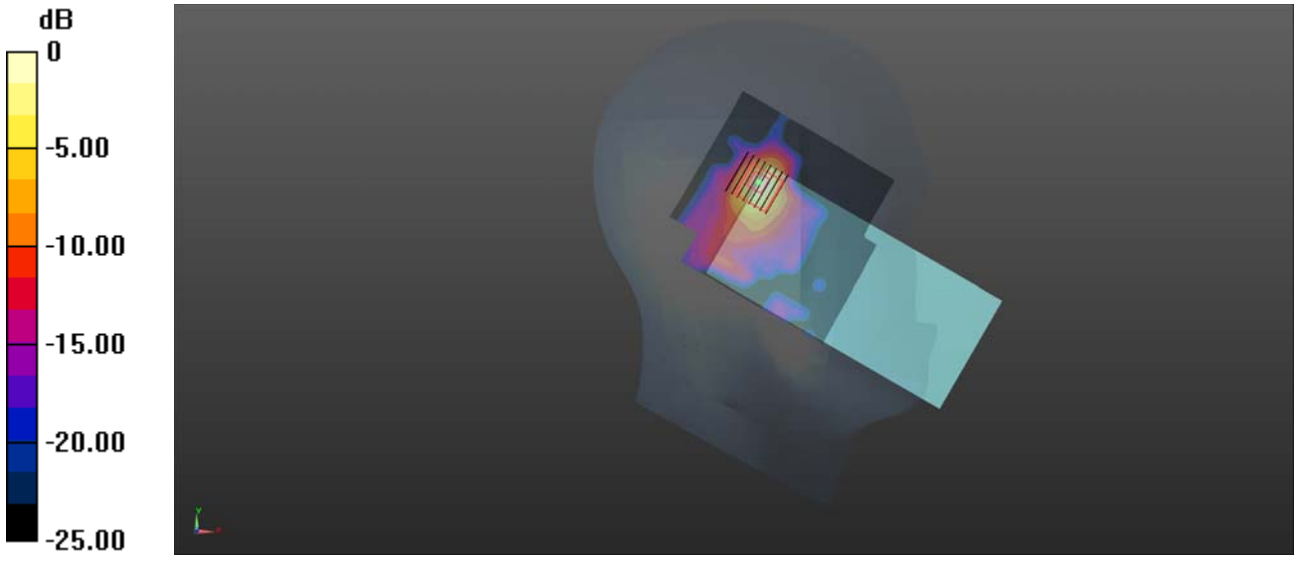
## WLAN 5.2GHz_802.11ac-VHT20 MCS0_Left Tilt_Ch44_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz;Duty Cycle: 1:1.050
Medium: HSL_5250 Medium parameters used: f = 5220 MHz; $\sigma$ = 4.947 S/m; $\varepsilon_r$ = 37.107; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5220 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch44/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.943 W/kg

**Ch44/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.000 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.34 W/kg
**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.156 W/kg**
Maximum value of SAR (measured) = 1.09 W/kg




0 dB = 1.09 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.30

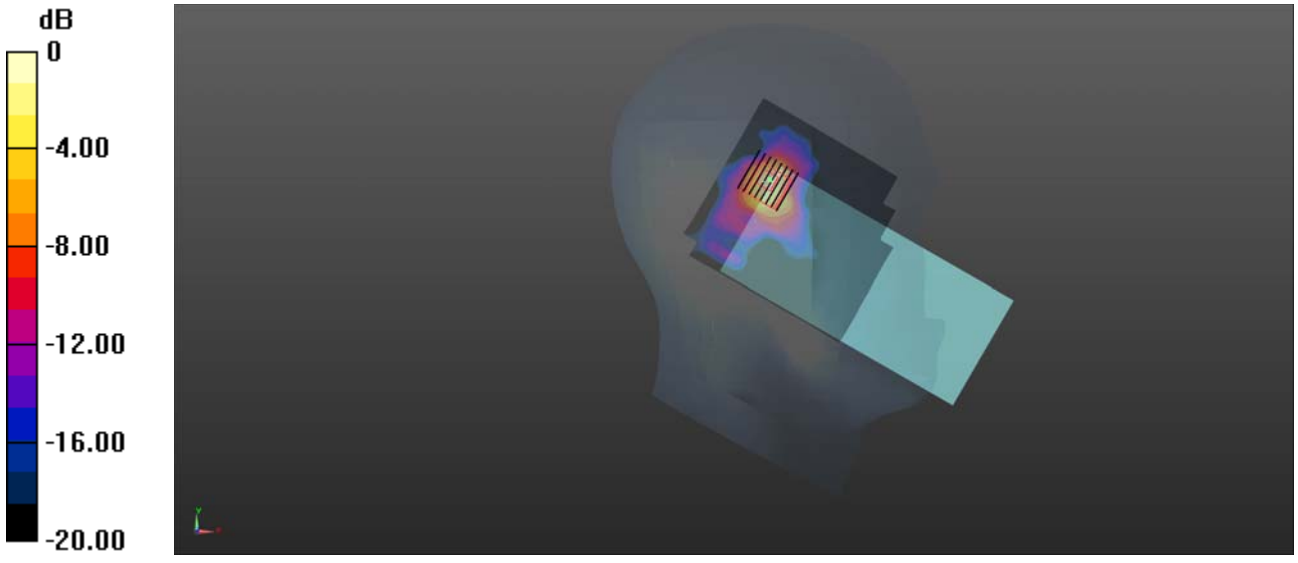
# WLAN 5.3GHz_802.11n-HT20 MCS0_Left Tilt_Ch60_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz;Duty Cycle: 1:1.051
Medium: HSL_5250 Medium parameters used: f = 5300 MHz; $\sigma$ = 4.76 S/m; $\varepsilon_r$ = 35.987; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5300 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch60/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

**Ch60/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.101 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.89 W/kg
**SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.192 W/kg**
Maximum value of SAR (measured) = 1.27 W/kg




0 dB = 1.27 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.02

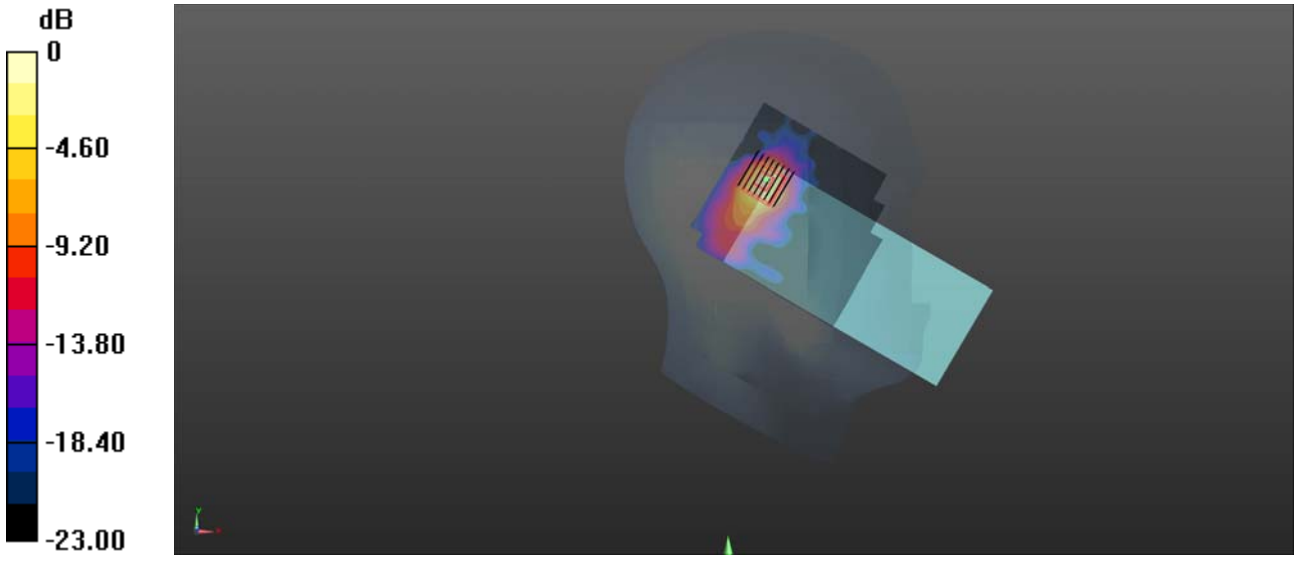
# WLAN 5.5GHz_802.11ac-VHT20 MCS0_Left Tilt_Ch120_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5600 MHz;Duty Cycle: 1:1.050
Medium: HSL_5600 Medium parameters used: f = 5600 MHz; $\sigma$ = 5.285 S/m; $\varepsilon_r$ = 36.763; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.11, 5.11, 5.11) @ 5600 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch120/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.944 W/kg

**Ch120/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.652 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.44 W/kg
**SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.164 W/kg**
Maximum value of SAR (measured) = 1.04 W/kg




0 dB = 1.04 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.03

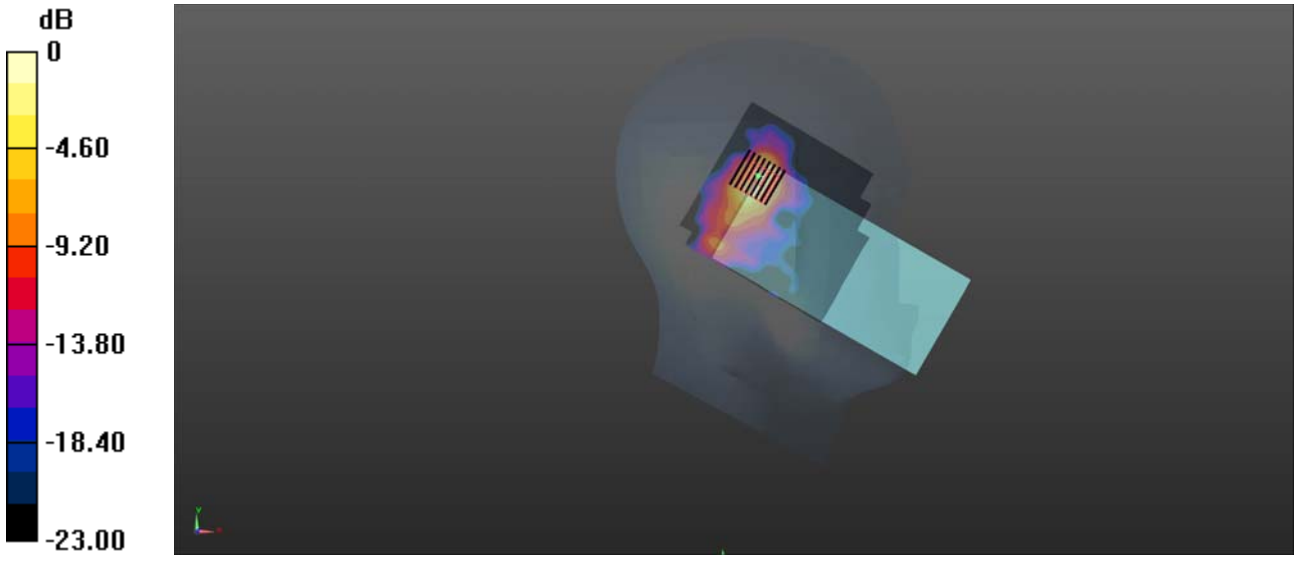
## WLAN 5.8GHz_802.11ac-VHT20 MCS0_Left Tilt_Ch157_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5785 MHz;Duty Cycle: 1:1.050
Medium: HSL_5750 Medium parameters used: f = 5785 MHz; $\sigma$ = 5.333 S/m; $\varepsilon_r$ = 35.097; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.08, 5.08, 5.08) @ 5785 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch157/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.61 W/kg

**Ch157/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.803 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.34 W/kg
**SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.217 W/kg**
Maximum value of SAR (measured) = 1.48 W/kg




0 dB = 1.48 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.25

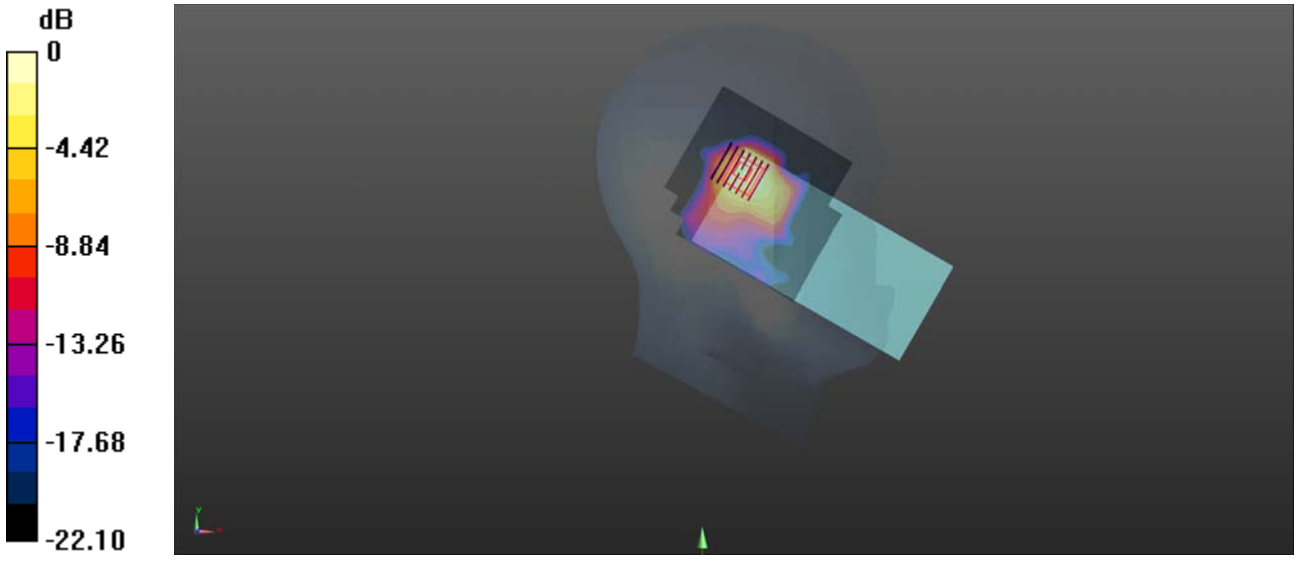
## Bluetooth_DH5_Left Cheek_Ch0_Ant 0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.073
Medium: HSL_2450 Medium parameters used: f = 2402 MHz; $\sigma$ = 1.749 S/m; $\varepsilon_r$ = 38.922; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2402 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch0/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.171 W/kg

**Ch0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.805 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.225 W/kg
**SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.047 W/kg**
Maximum value of SAR (measured) = 0.153 W/kg




0 dB = 0.153 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.20

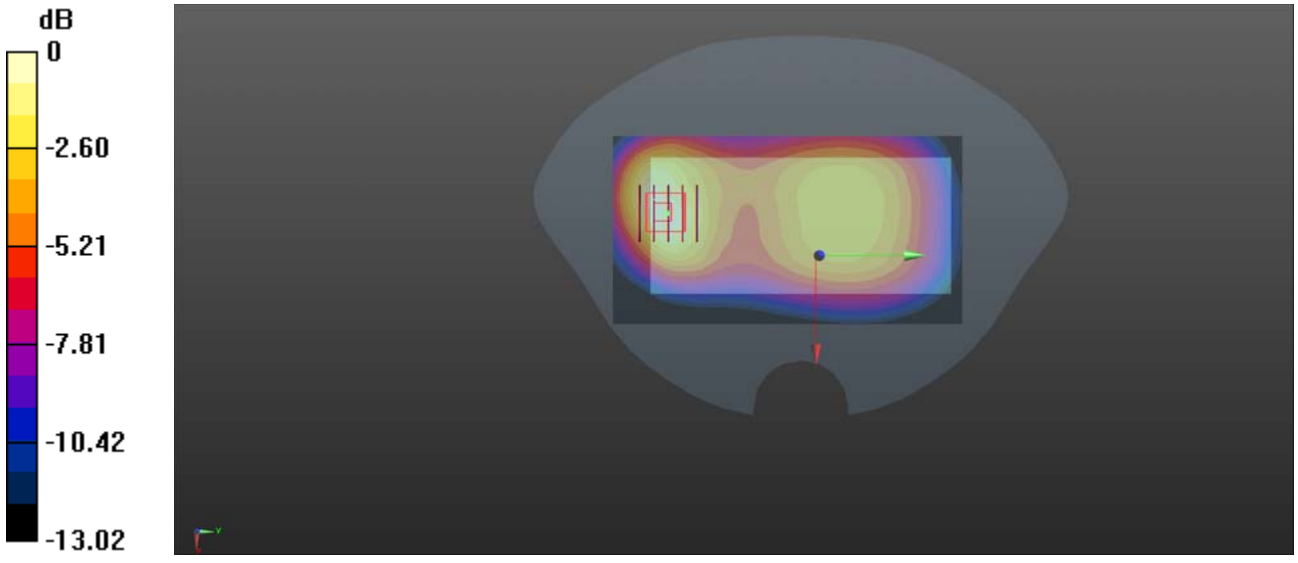
# GSM850_GPRS(4 TX slots)_Back Side_10mm_Ch189_Ant 3

Communication System: UID 0, GSM850(class 12) (0); Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_900 Medium parameters used (interpolated): f = 836.4 MHz; $\sigma$ = 0.943 S/m; $\varepsilon_r$ = 42.978; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.10, 10.10, 10.10) @ 900 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.335 W/kg

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.16 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.427 W/kg
**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.157 W/kg**
Maximum value of SAR (measured) = 0.332 W/kg




0 dB = 0.332 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

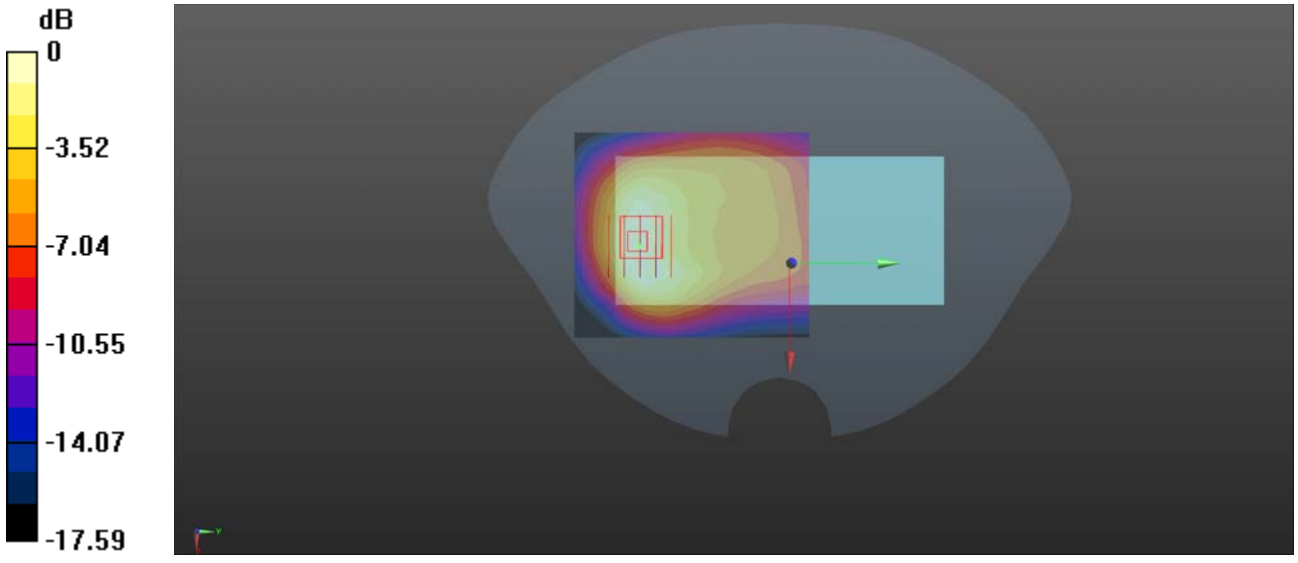
# GSM1900_GPRS(3 TX slots)_Back Side_10mm_Ch661_Ant 3

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_2000 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 2000 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch661/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.595 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.412 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.690 W/kg
**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.252 W/kg**
Maximum value of SAR (measured) = 0.560 W/kg




0 dB = 0.560 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

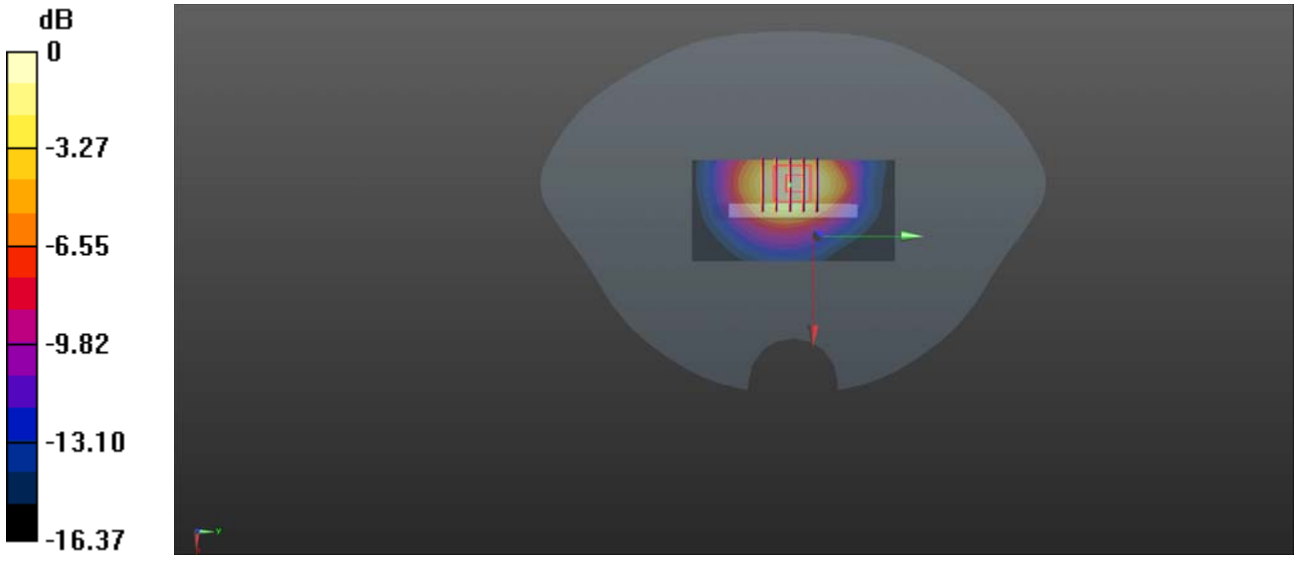
# GSM1900_GPRS(3 TX slots)_Bottom Side_10mm_Ch661_Ant 3

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_2000 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 2000 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch661/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.709 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.49 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.855 W/kg
**SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.292 W/kg**
Maximum value of SAR (measured) = 0.684 W/kg




0 dB = 0.684 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

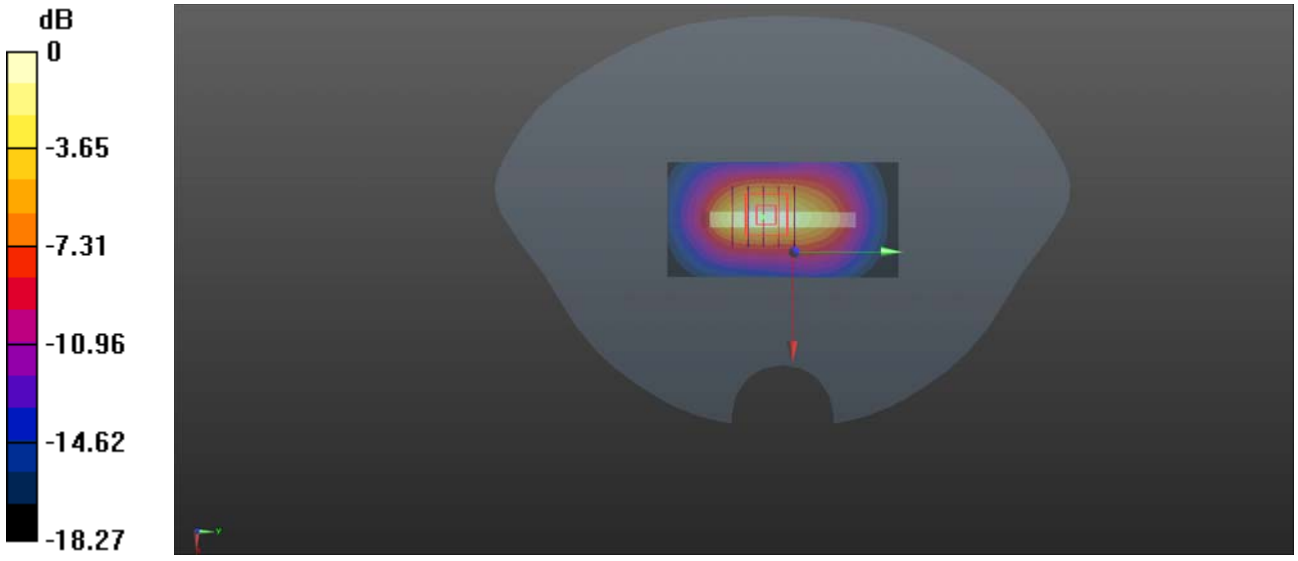
# WCDMA Band II_RMC 12.2Kbps_Top Side_10mm_Ch9400_Ant 2

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 2000 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9400/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.914 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.04 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.16 W/kg
**SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.324 W/kg**
Maximum value of SAR (measured) = 0.920 W/kg




0 dB = 0.920 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

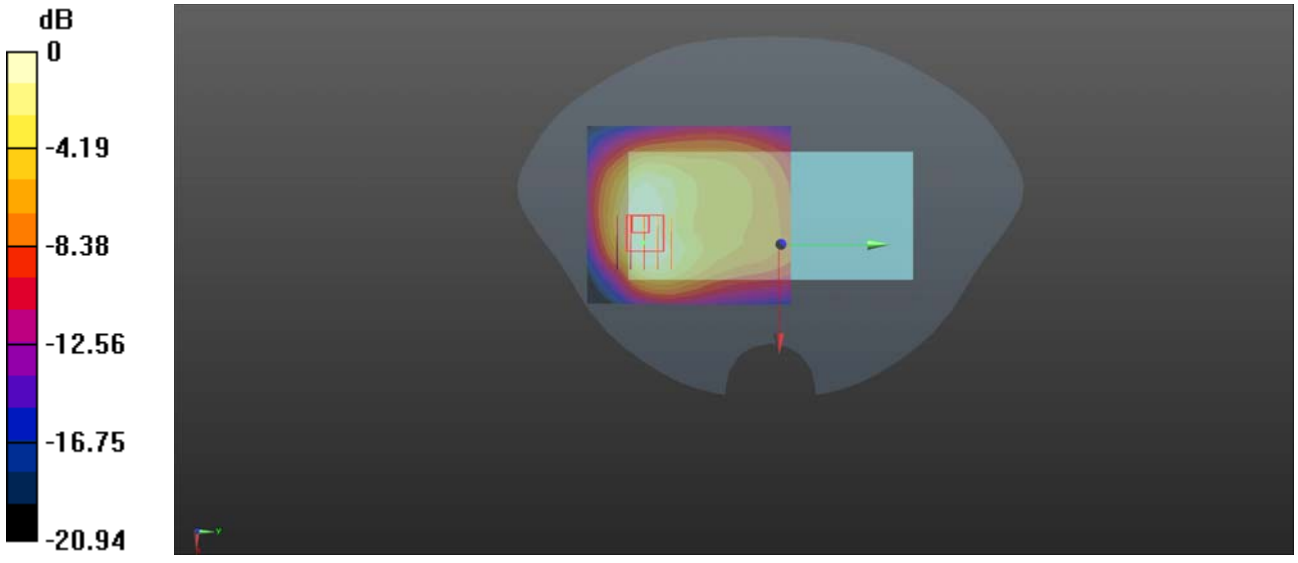
# WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 2000 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.818 W/kg

**Ch9400Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.60 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.915 W/kg
**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.333 W/kg**
Maximum value of SAR (measured) = 0.727 W/kg




0 dB = 0.727 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

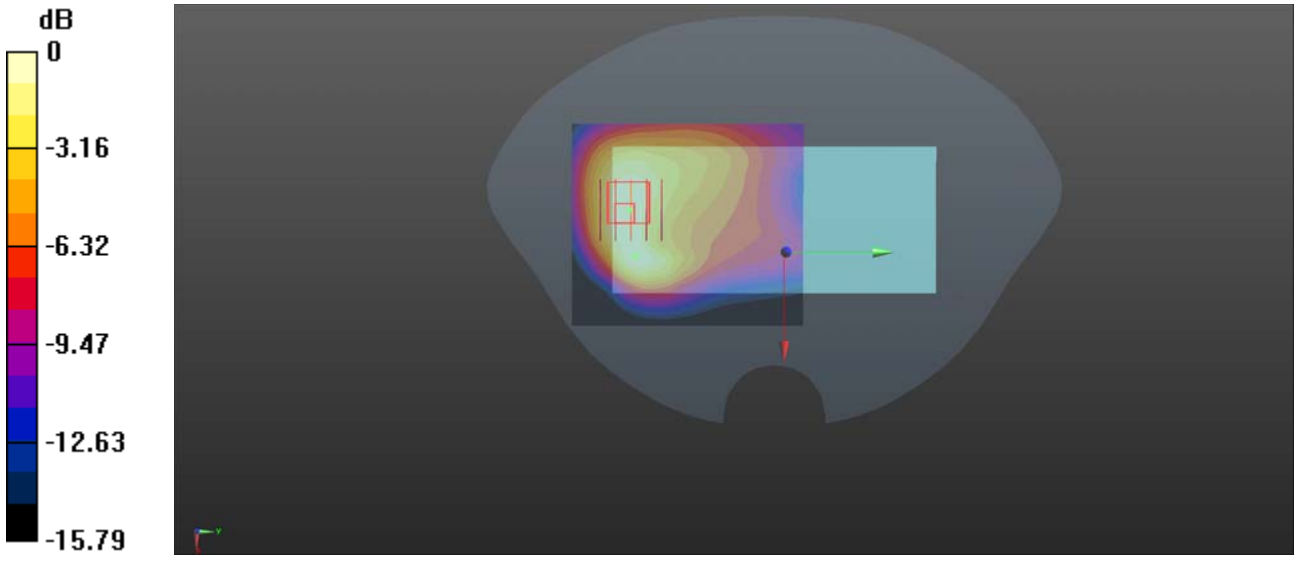
# WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1413_Ant 3

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1733 MHz; $\sigma$ = 1.412 S/m; $\varepsilon_r$ = 39.814; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.60, 8.60, 8.60) @ 1800 MHz; Calibrated: 2022.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.633 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.664 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.800 W/kg
**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.300 W/kg**
Maximum value of SAR (measured) = 0.635 W/kg




0 dB = 0.635 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

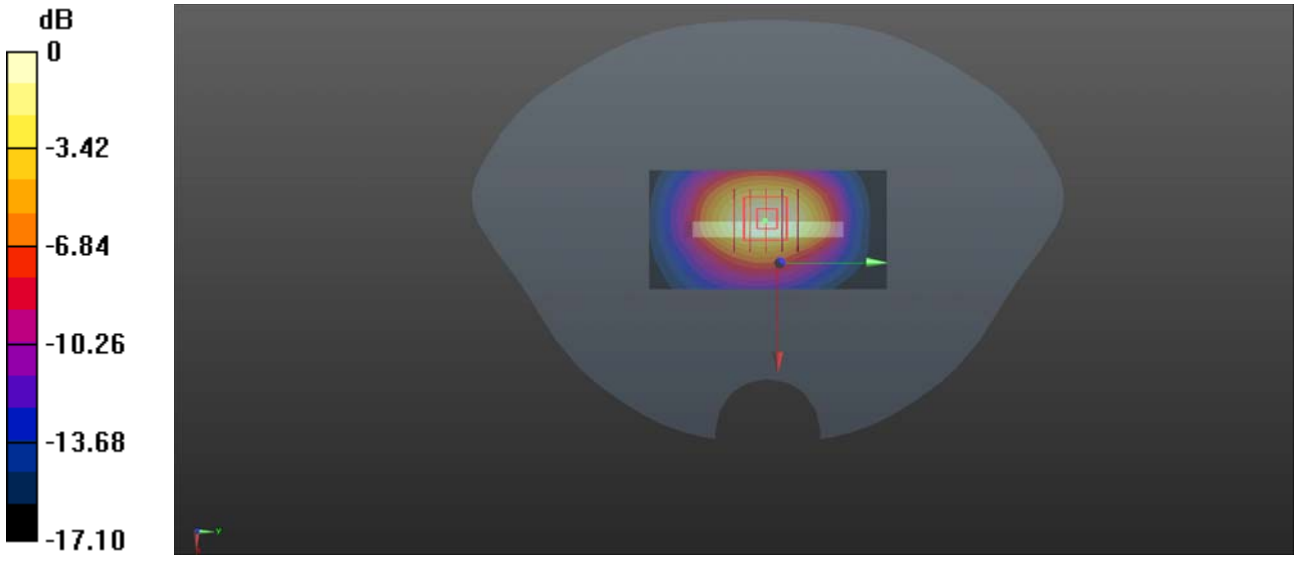
# WCDMA Band IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513_Ant 3

Communication System: UID 0, UMTS-FDD (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1753 MHz; $\sigma$ = 1.454 S/m; $\varepsilon_r$ = 39.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.60, 8.60, 8.60) @ 1800 MHz; Calibrated: 2022.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1513/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.09 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.19 W/kg
**SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.414 W/kg**
Maximum value of SAR (measured) = 0.977 W/kg




0 dB = 0.977 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.20

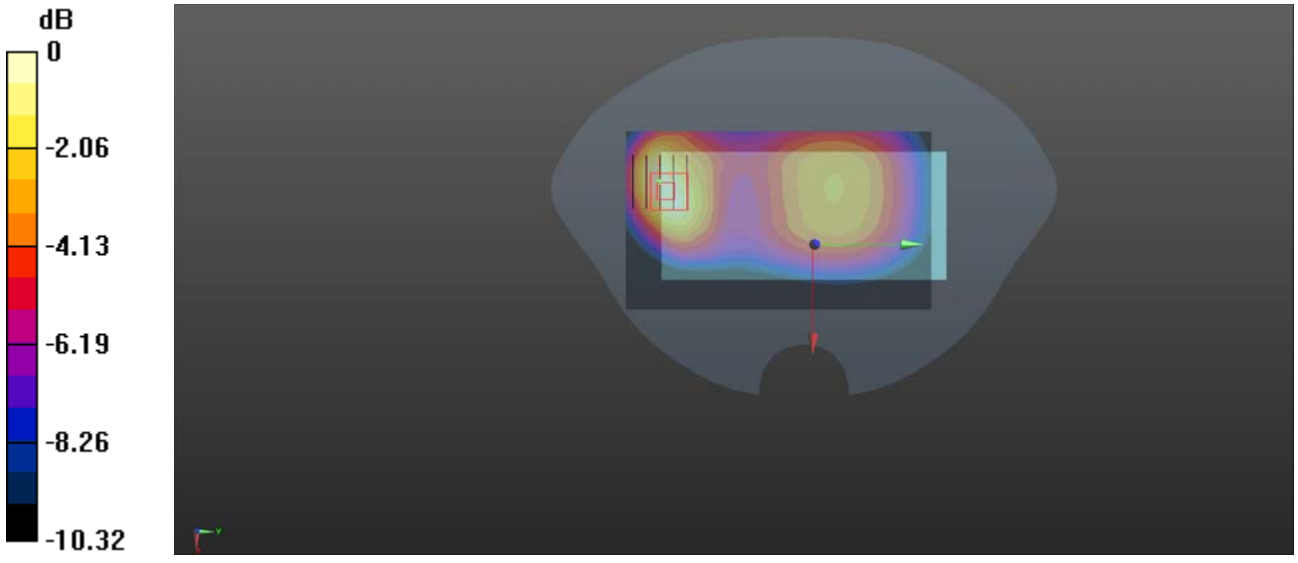
# WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4182_Ant 3

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used (interpolated): f = 836.4 MHz; $\sigma$ = 0.943 S/m; $\varepsilon_r$ = 42.978; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.10, 10.10, 10.10) @ 900 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.360 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.43 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.467 W/kg
**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.165 W/kg**
Maximum value of SAR (measured) = 0.367 W/kg




0 dB = 0.367 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

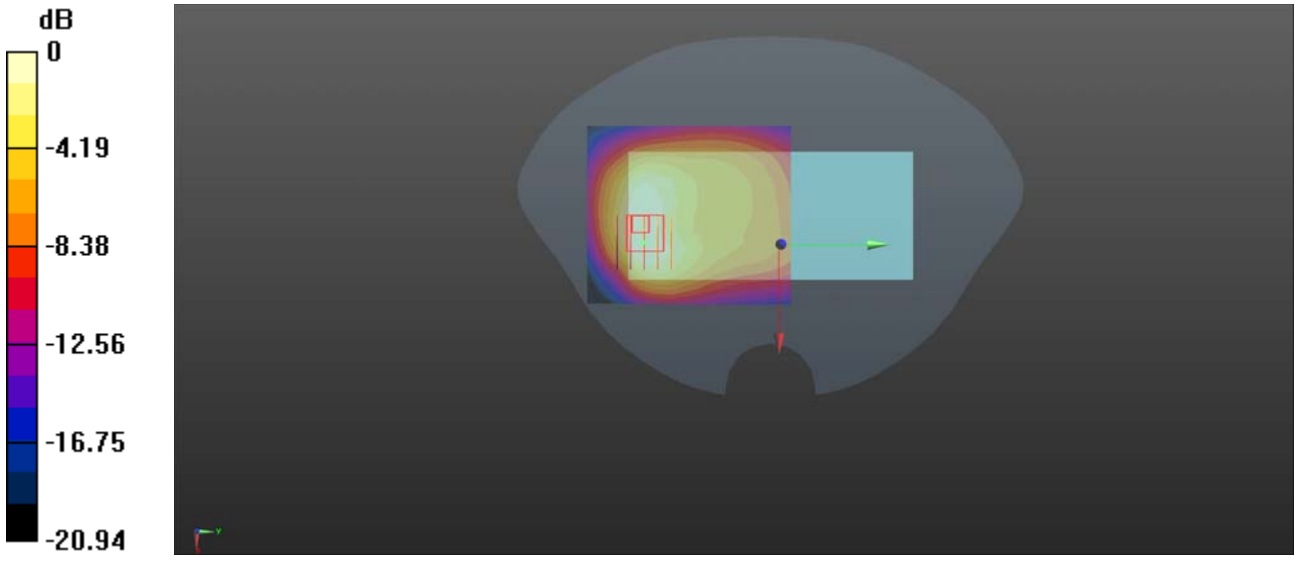
# LTE Band 2_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch18900_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 2000 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.818 W/kg

**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.60 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.915 W/kg
**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.321 W/kg**
Maximum value of SAR (measured) = 0.727 W/kg




0 dB = 0.727 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.28

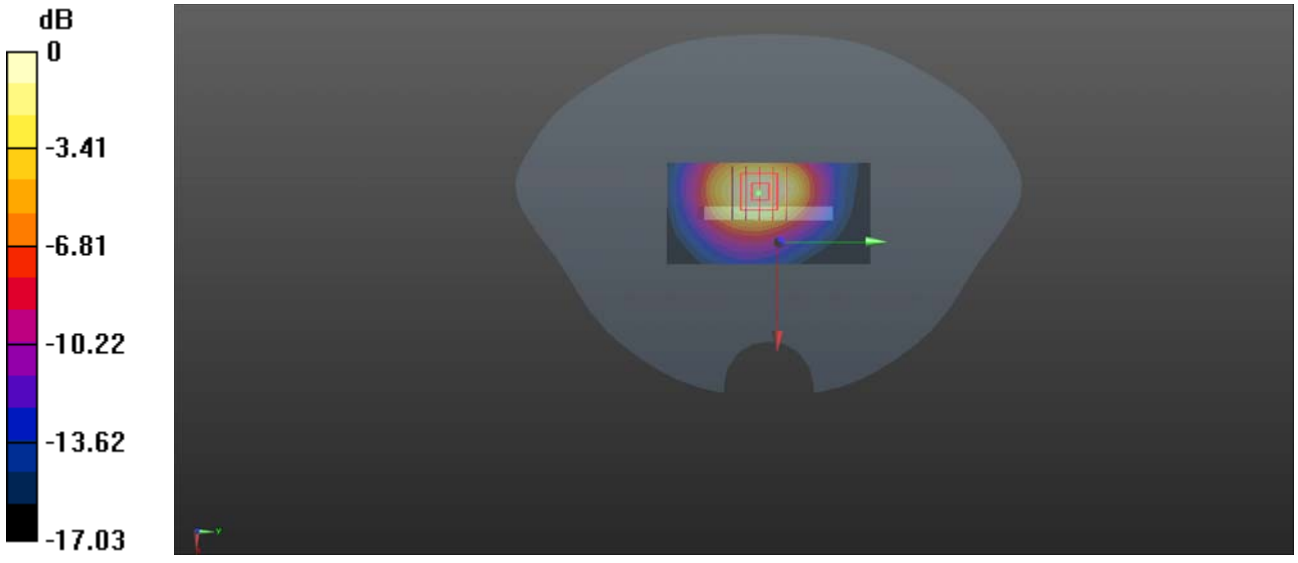
# LTE Band 2_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch18900_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.366 S/m; $\varepsilon_r$ = 40.167; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 2000 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch18900/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.850 W/kg

**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.14 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.996 W/kg
**SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.341 W/kg**
Maximum value of SAR (measured) = 0.807 W/kg




0 dB = 0.807 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

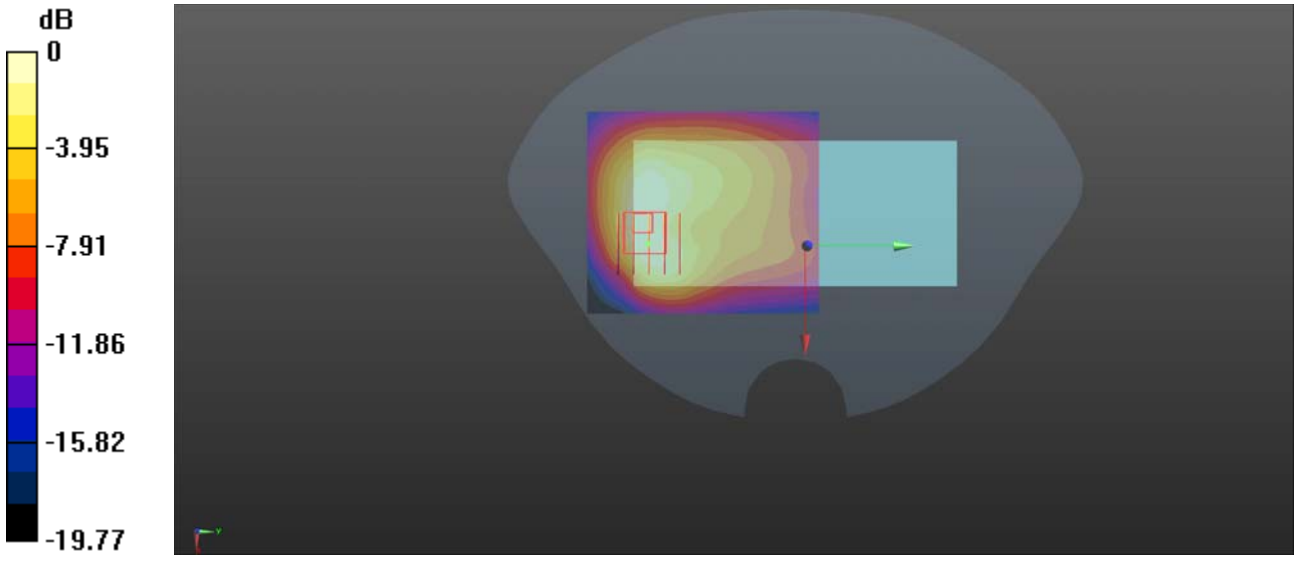
# LTE Band 4_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20175_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1733 MHz; $\sigma$ = 1.412 S/m; $\varepsilon_r$ = 39.814; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.60, 8.60, 8.60) @ 1800 MHz; Calibrated: 2022.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.770 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.861 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.888 W/kg
**SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.302 W/kg**
Maximum value of SAR (measured) = 0.718 W/kg




0 dB = 0.718 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

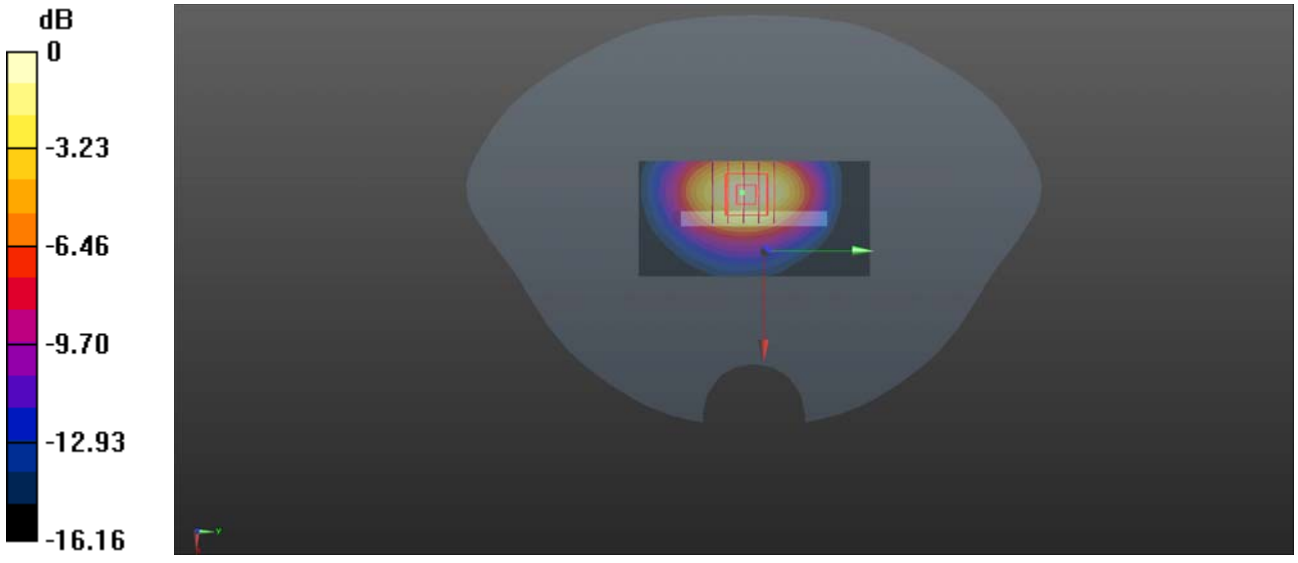
# LTE Band 4_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch20175_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1733 MHz; $\sigma$ = 1.412 S/m; $\varepsilon_r$ = 39.814; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.60, 8.60, 8.60) @ 1800 MHz; Calibrated: 2022.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20175/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.919 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.43 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.15 W/kg
**SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.401 W/kg**
Maximum value of SAR (measured) = 0.933 W/kg




0 dB = 0.933 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.20

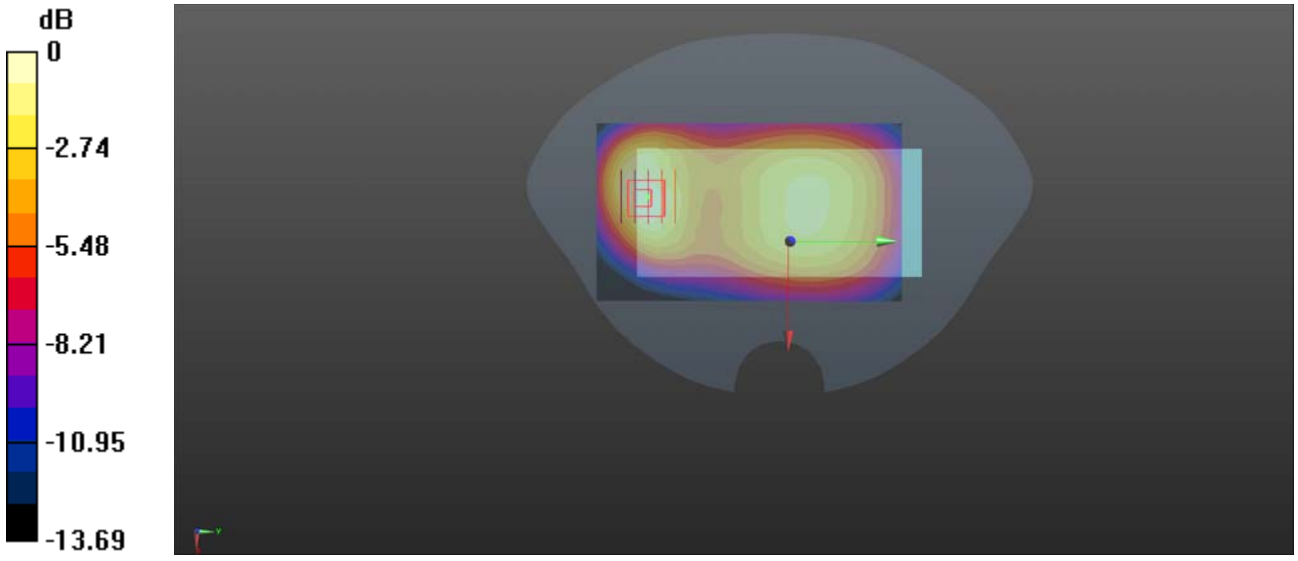
# LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20525_Ant 3

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.5 MHz; $\sigma$ = 0.943 S/m; $\varepsilon_r$ = 42.967; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.10, 10.10, 10.10) @ 900 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.227 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.39 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.286 W/kg
**SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.104 W/kg**
Maximum value of SAR (measured) = 0.224 W/kg




0 dB = 0.224 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.31

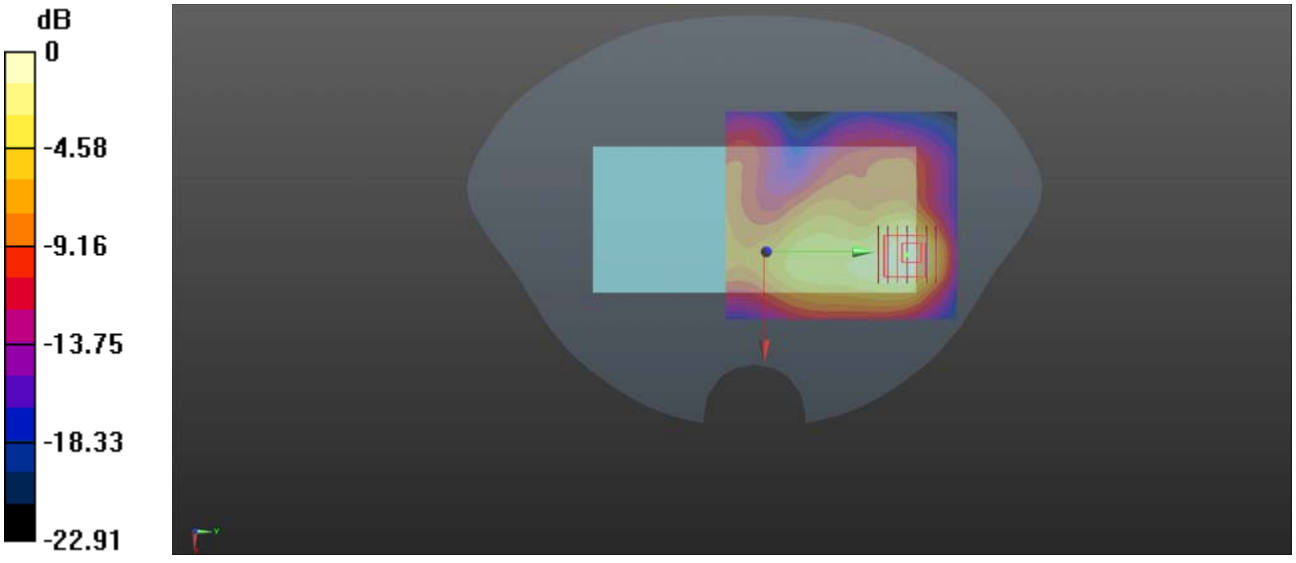
# LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch21100_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; $\sigma$ = 1.911 S/m; $\varepsilon_r$ = 38.489; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.50, 7.50, 7.50) @ 2600 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch21100/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.948 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.49 W/kg
**SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.327 W/kg**
Maximum value of SAR (measured) = 1.05 W/kg




0 dB = 1.05 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.16

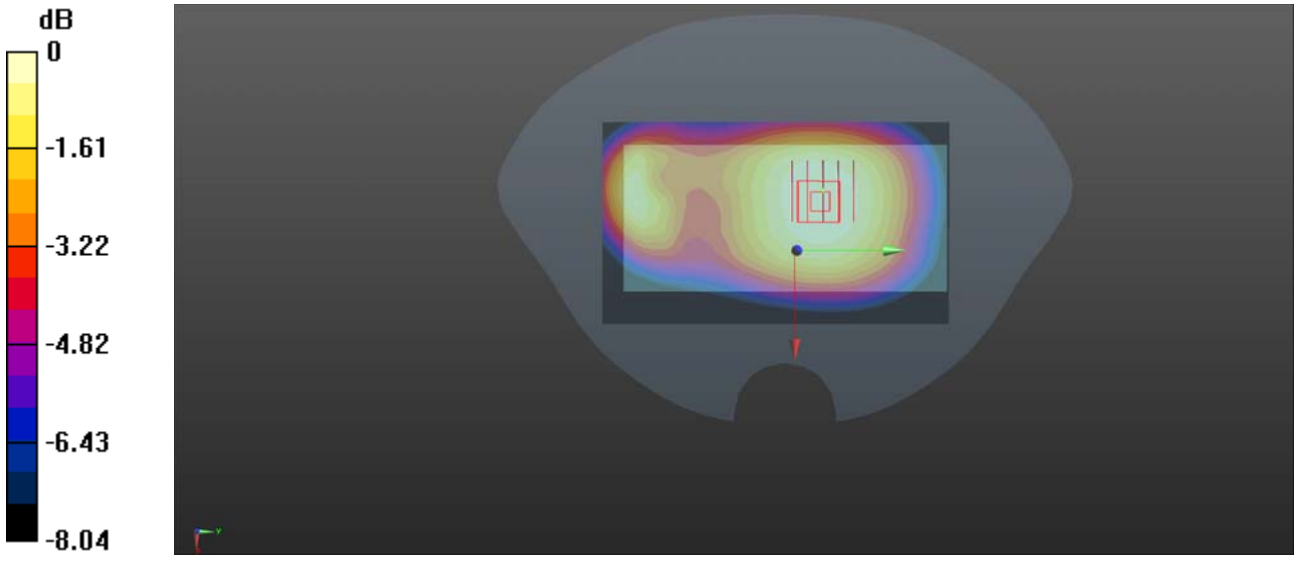
# LTE Band 13_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23230_Ant 3

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; $\sigma$ = 0.938 S/m; $\varepsilon_r$ = 42.016; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 782 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23230/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.231 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.40 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.254 W/kg
**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.158 W/kg**
Maximum value of SAR (measured) = 0.231 W/kg




0 dB = 0.231 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.31

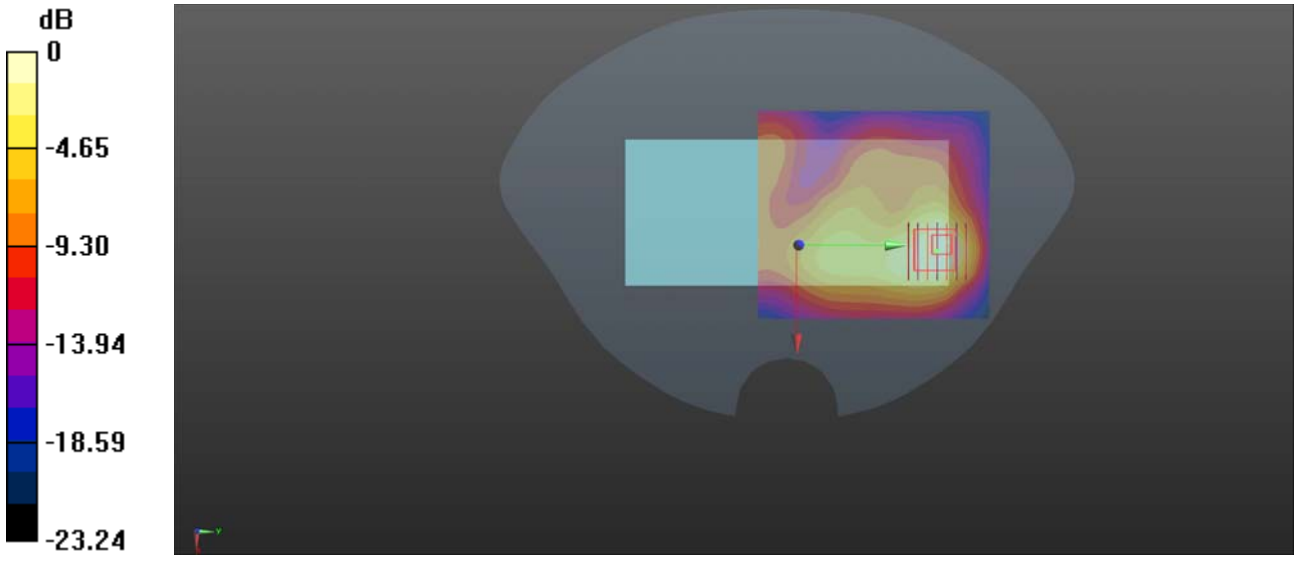
# LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38000_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; $\sigma$ = 1.98 S/m; $\varepsilon_r$ = 38.287; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.50, 7.50, 7.50) @ 2600 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.536 W/kg

**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.998 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.688 W/kg
**SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.153 W/kg**
Maximum value of SAR (measured) = 0.466 W/kg




0 dB = 0.466 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.22

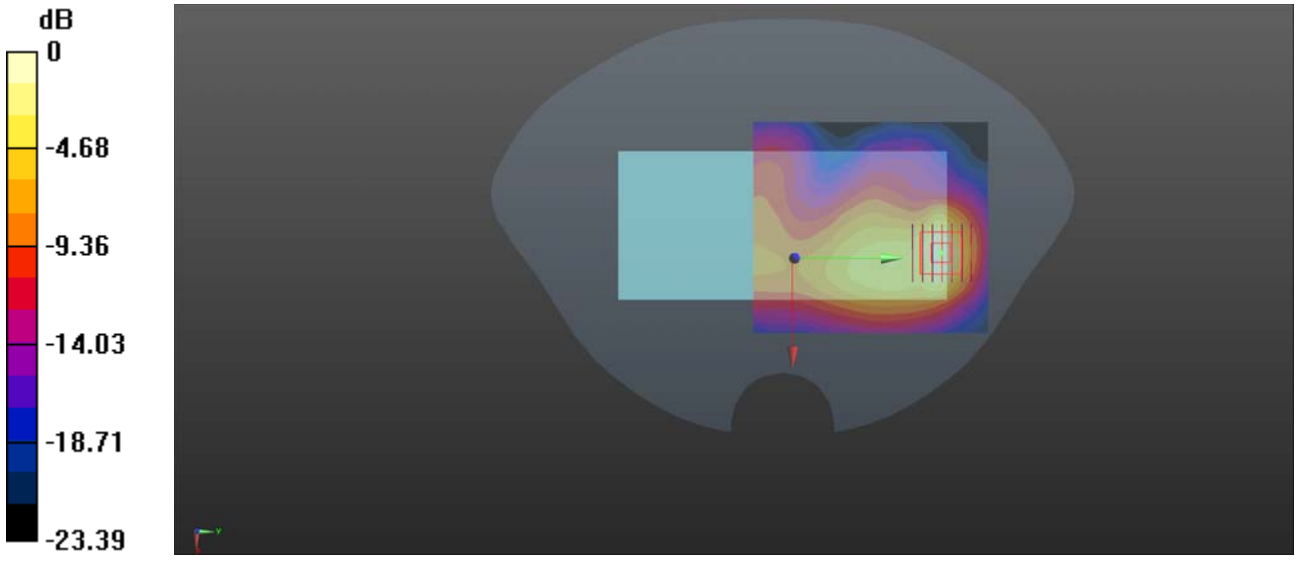
# LTE Band 40A_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38750_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; $\sigma$ = 1.66 S/m; $\varepsilon_r$ = 39.354; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 750 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- 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) = 0.567 W/kg

**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.633 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.761 W/kg
**SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.165 W/kg**
Maximum value of SAR (measured) = 0.561 W/kg




0 dB = 0.561 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.22

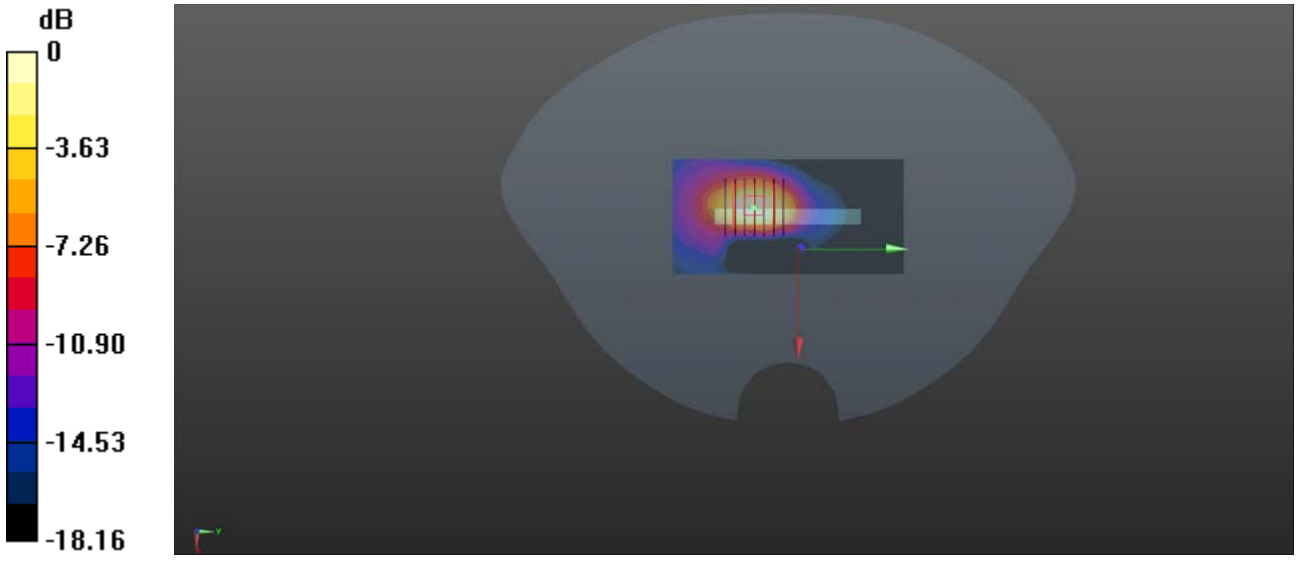
# LTE Band 40A_10MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch38750_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; $\sigma$ = 1.66 S/m; $\varepsilon_r$ = 39.354; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 750 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- 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 (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.670 W/kg

**Ch38750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.172 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.822 W/kg
**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.169 W/kg**
Maximum value of SAR (measured) = 0.608 W/kg




0 dB = 0.608 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.22

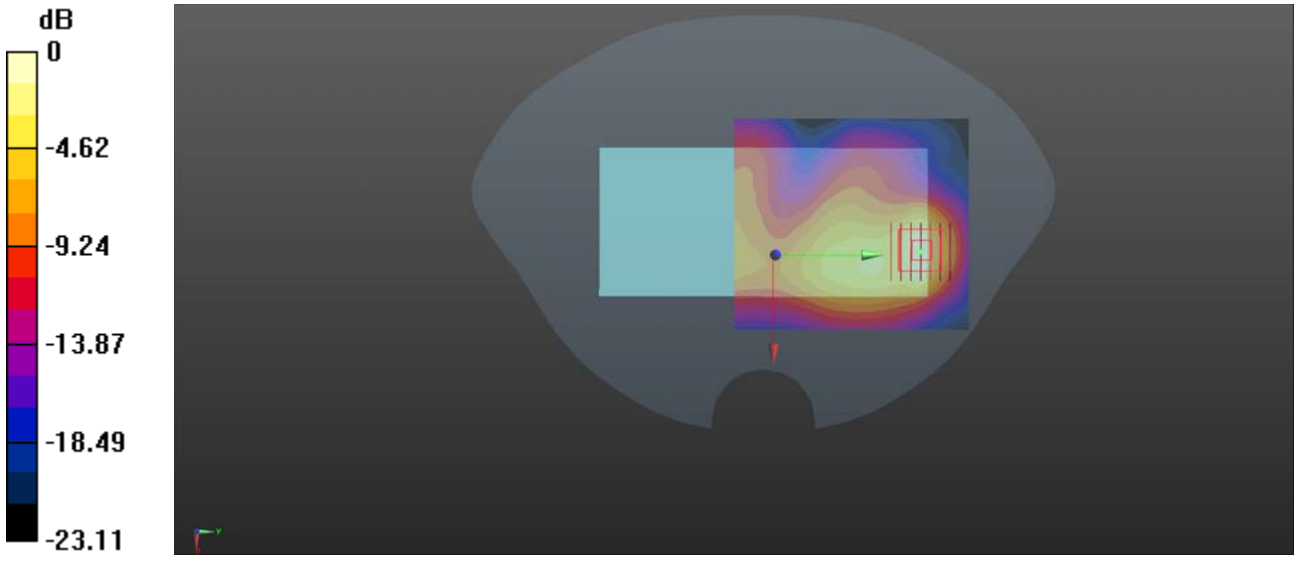
# LTE Band 40B_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch39200_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2355 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2355 MHz; $\sigma$ = 1.709 S/m; $\varepsilon_r$ = 39.181; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 750 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch39200/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.594 W/kg

**Ch39200/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.591 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.799 W/kg
**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.168 W/kg**
Maximum value of SAR (measured) = 0.584 W/kg




0 dB = 0.584 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.31

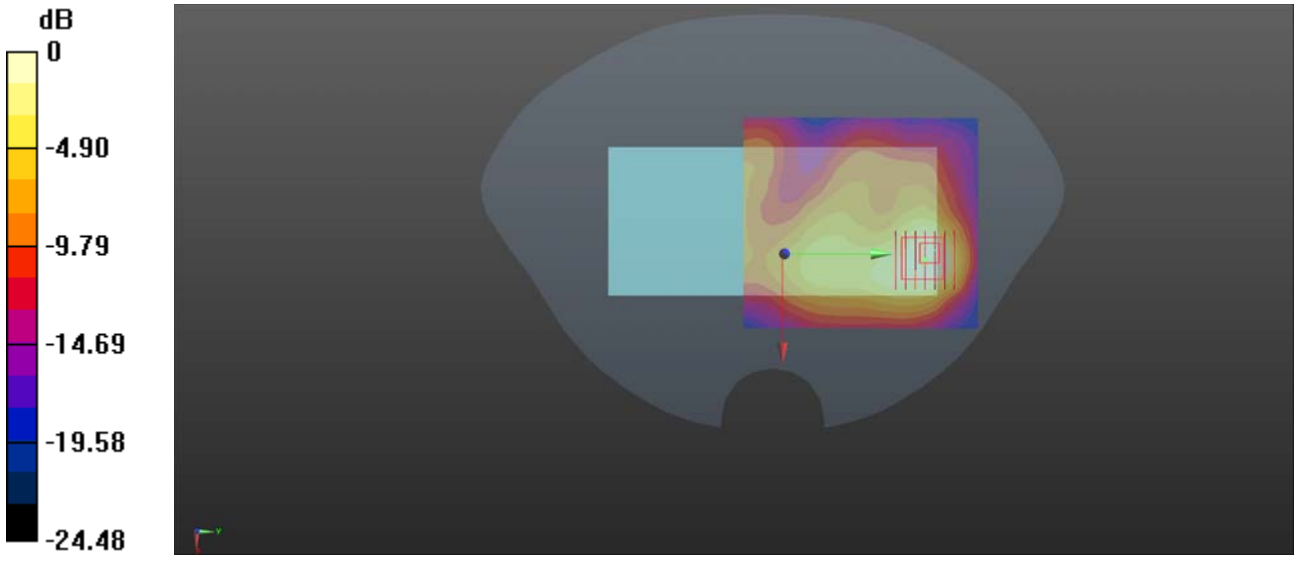
# LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40640_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; $\sigma$ = 1.98 S/m; $\varepsilon_r$ = 38.287; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.50, 7.50, 7.50) @ 2600 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch40640/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

**Ch40640/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.179 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.686 W/kg
**SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.152 W/kg**
Maximum value of SAR (measured) = 0.464 W/kg




0 dB = 0.464 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.27

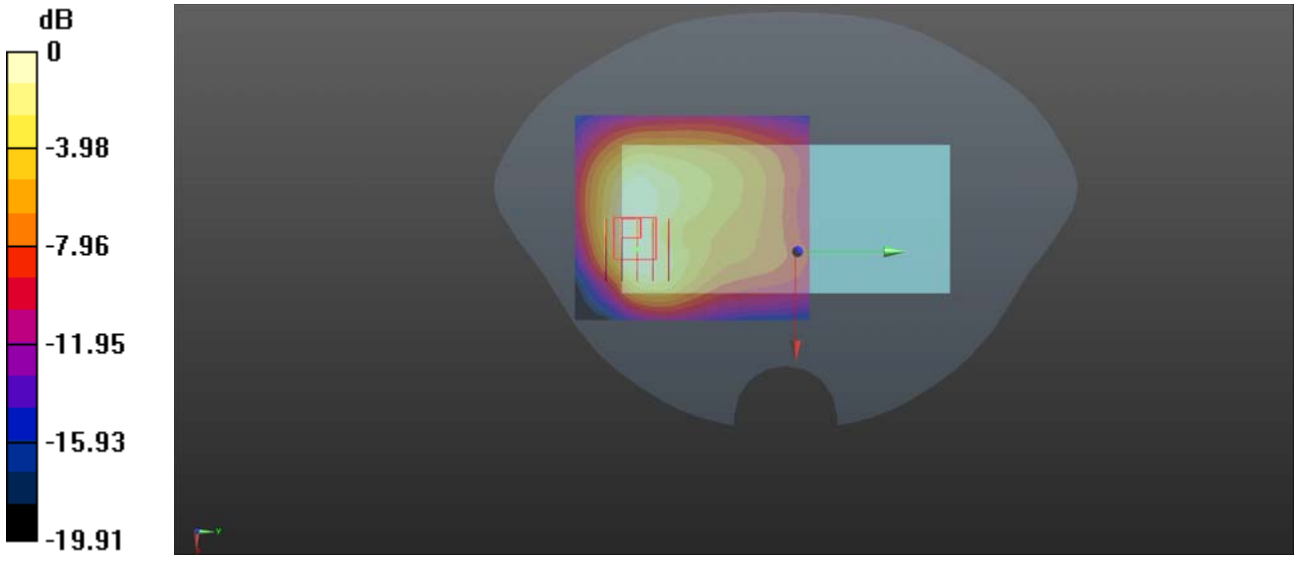
# LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132322_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used (interpolated): f = 1745 MHz; $\sigma$ = 1.438 S/m; $\varepsilon_r$ = 39.567; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.60, 8.60, 8.60) @ 1800 MHz; Calibrated: 2022.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 0.938 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.176 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.07 W/kg
**SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.364 W/kg**
Maximum value of SAR (measured) = 0.864 W/kg




0 dB = 0.864 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.25

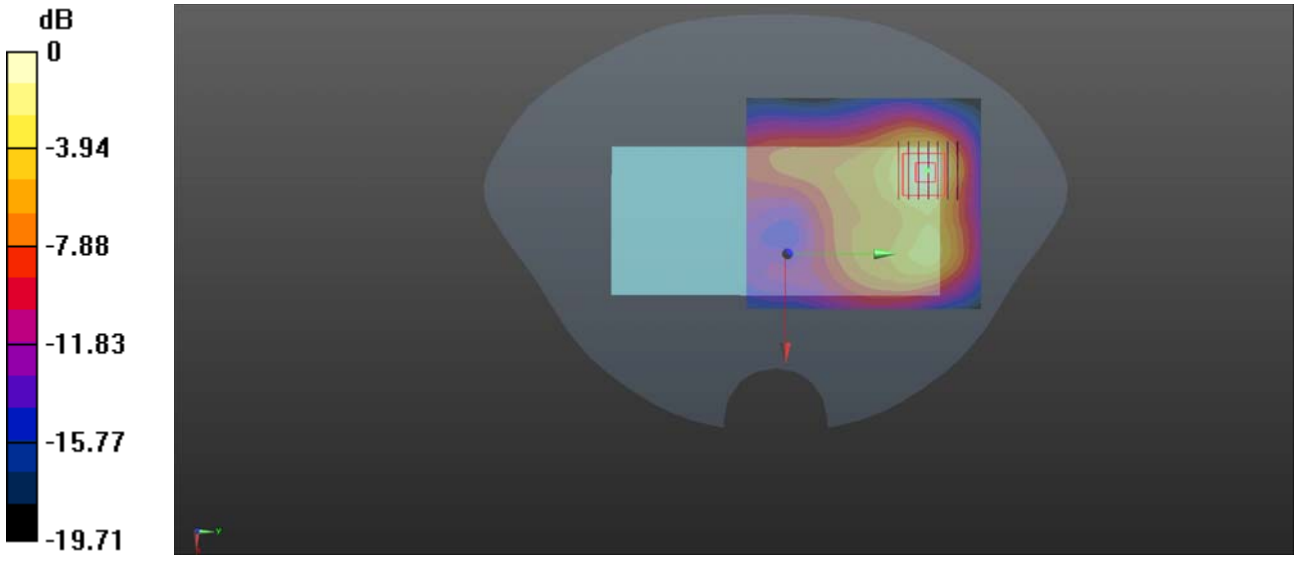
## WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch11

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; $\varepsilon_r$ = 38.806; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2450 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch11/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.527 W/kg

**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.106 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.672 W/kg
**SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.160 W/kg**
Maximum value of SAR (measured) = 0.493 W/kg




0 dB = 0.493 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.30

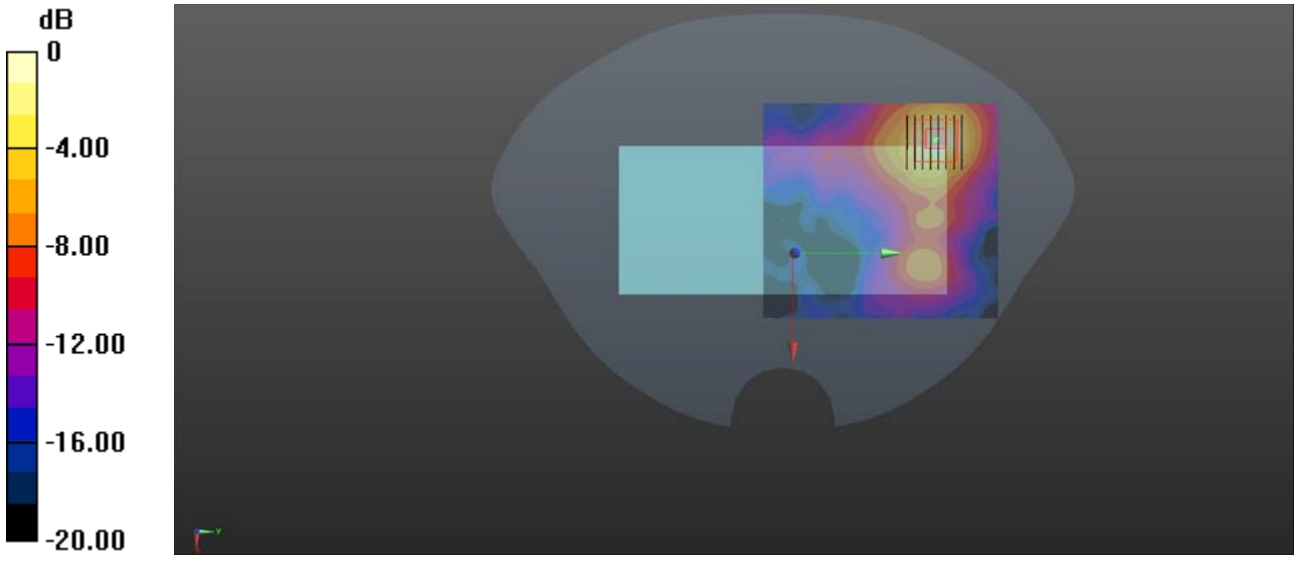
# WLAN 5.2GHz_802.11ac-VHT20 MCS0_Back Side_10mm_Ch44

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz;Duty Cycle: 1:1.050
Medium: HSL_5250 Medium parameters used: f = 5220 MHz; $\sigma$ = 4.667 S/m; $\varepsilon_r$ = 36.107; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5250 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch44/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.440 W/kg

**Ch44/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.876 W/kg
**SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.083 W/kg**
Maximum value of SAR (measured) = 0.445 W/kg




0 dB = 0.445 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.30

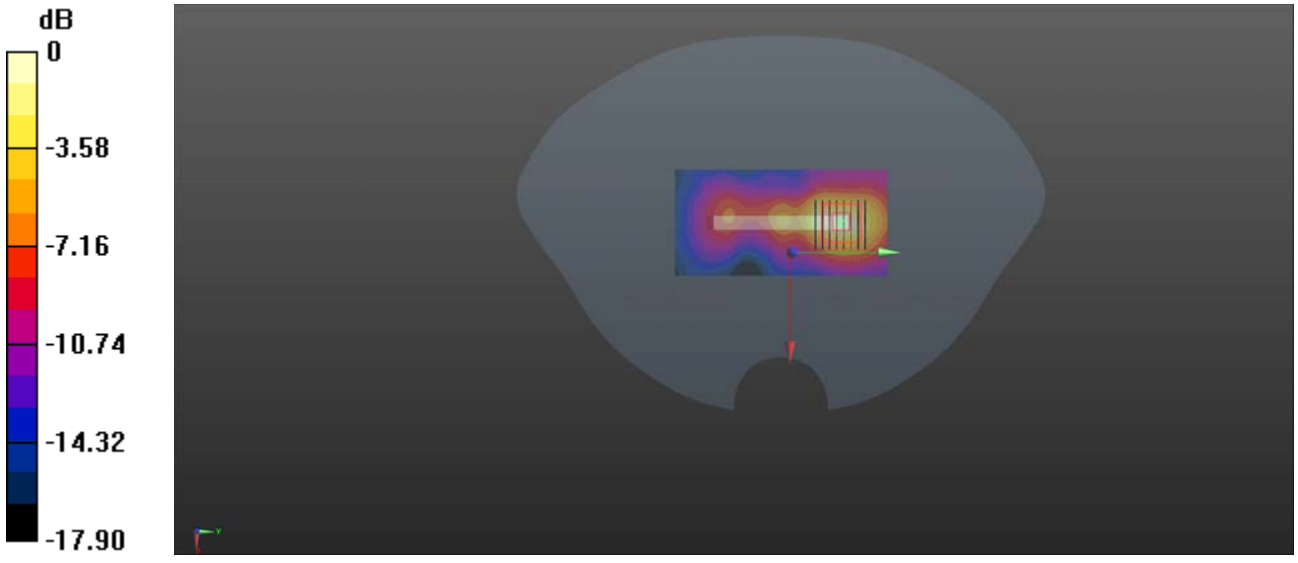
# WLAN 5.2GHz_802.11ac-VHT20 MCS0_Top Side_10mm_Ch44_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz;Duty Cycle: 1:1.050
Medium: HSL_5250 Medium parameters used: f = 5220 MHz; $\sigma$ = 4.667 S/m; $\varepsilon_r$ = 36.107; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5250 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch44/Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.574 W/kg

**Ch44/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.338 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.16 W/kg
**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.123 W/kg**
Maximum value of SAR (measured) = 0.590 W/kg




0 dB = 0.590 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.30

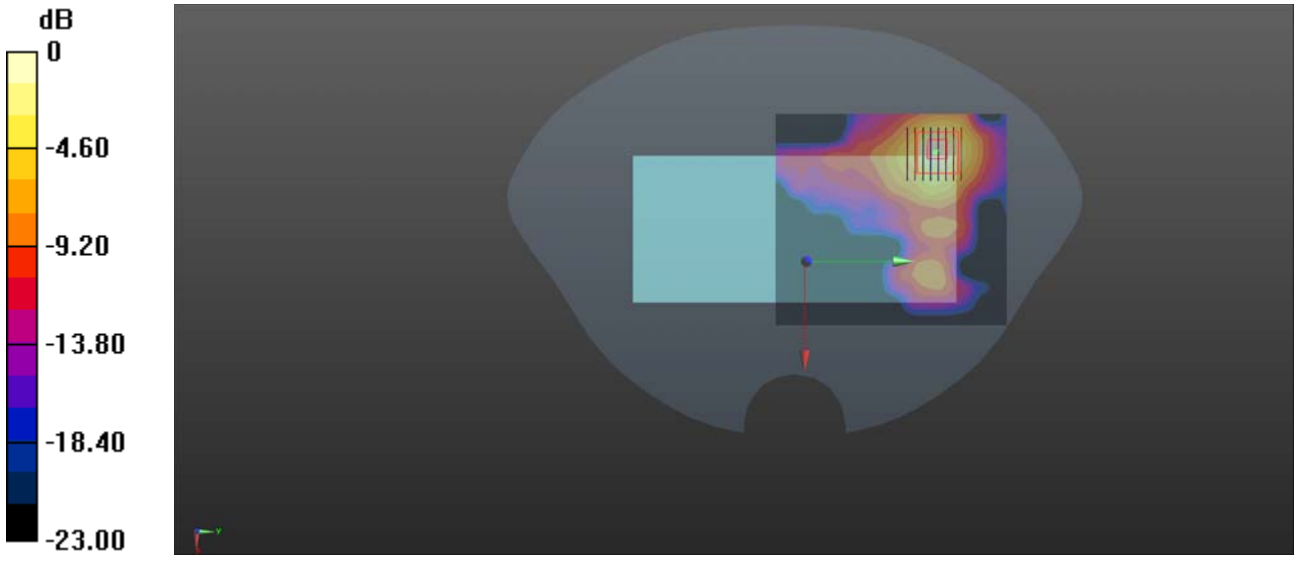
# WLAN 5.3GHz_802.11n-HT20 MCS0_Back Side_10mm_Ch52_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1.051
Medium: HSL_5250 Medium parameters used: f = 5260 MHz; $\sigma$ = 4.714 S/m; $\varepsilon_r$ = 36.032; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5260 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch52/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.562 W/kg

**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9640 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.06 W/kg
**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.106 W/kg**
Maximum value of SAR (measured) = 0.573 W/kg




0 dB = 0.573 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.02

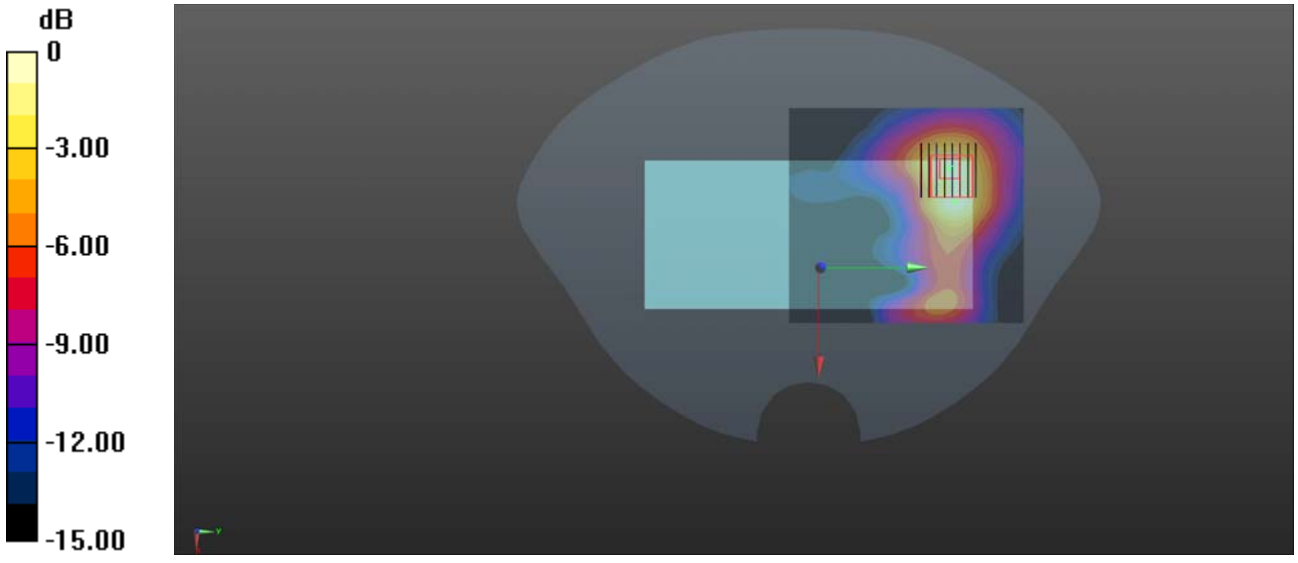
# WLAN 5.5GHz_802.11n-HT20 MCS0_Back Side_10mm_Ch120_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5600 MHz;Duty Cycle: 1:1.050
Medium: HSL_5600 Medium parameters used: f = 5600 MHz; $\sigma$ = 5.125 S/m; $\varepsilon_r$ = 35.435; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.11, 5.11, 5.11) @ 5600 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch120/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.704 W/kg

**Ch120/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9430 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.39 W/kg
**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.146 W/kg**
Maximum value of SAR (measured) = 0.693 W/kg




0 dB = 0.693 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.03

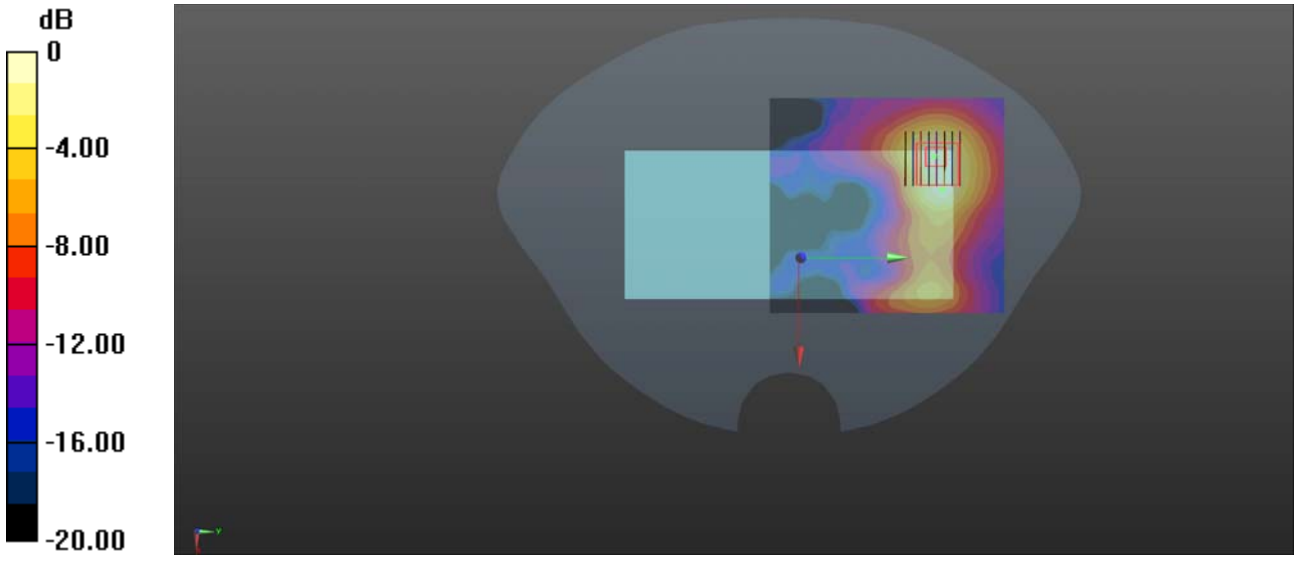
# WLAN 5.8GHz_802.11ac-VHT20 MCS0_Back Side_10mm_Ch149_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1.050
Medium: HSL_5750 Medium parameters used: f = 5745 MHz; $\sigma$ = 5.291 S/m; $\varepsilon_r$ = 35.168; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.08, 5.08, 5.08) @ 5745 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch149/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.696 W/kg

**Ch149/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.41 W/kg
**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.126 W/kg**
Maximum value of SAR (measured) = 0.695 W/kg




0 dB = 0.695 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.03

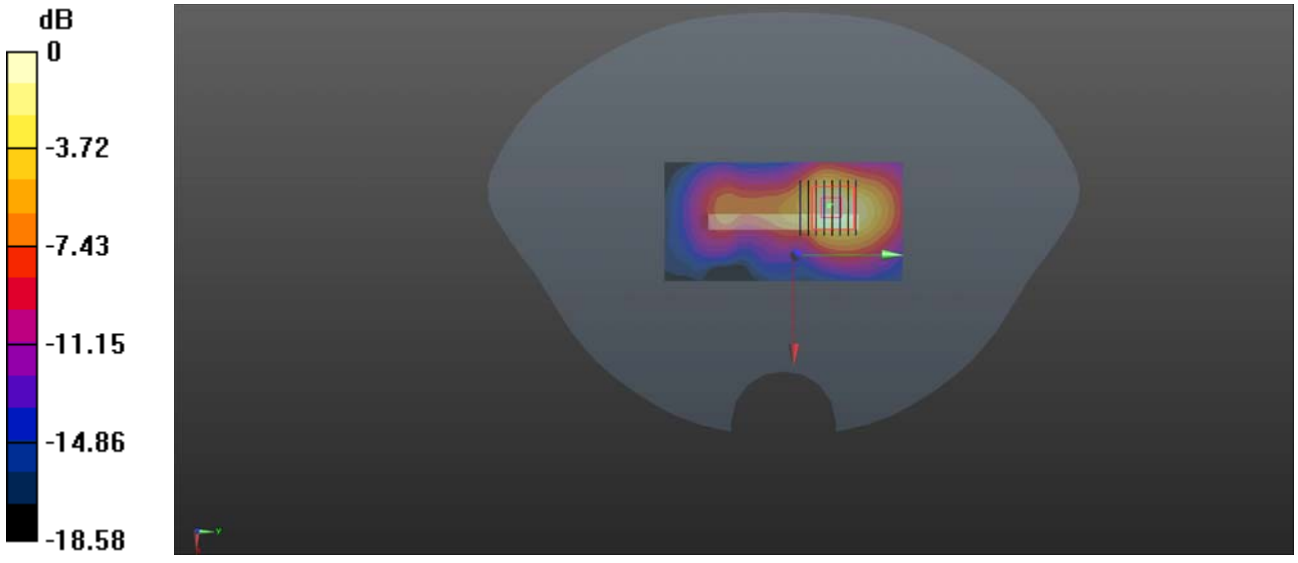
# WLAN 5.8GHz_802.11ac-VHT20 MCS0_Top Side_10mm_Ch149_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1.050
Medium: HSL_5750 Medium parameters used: f = 5745 MHz; $\sigma$ = 5.291 S/m; $\varepsilon_r$ = 35.168; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.08, 5.08, 5.08) @ 5745 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch149/Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.893 W/kg

**Ch149/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.179 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.75 W/kg
**SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.242 W/kg**
Maximum value of SAR (measured) = 0.809 W/kg




0 dB = 0.809 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.25

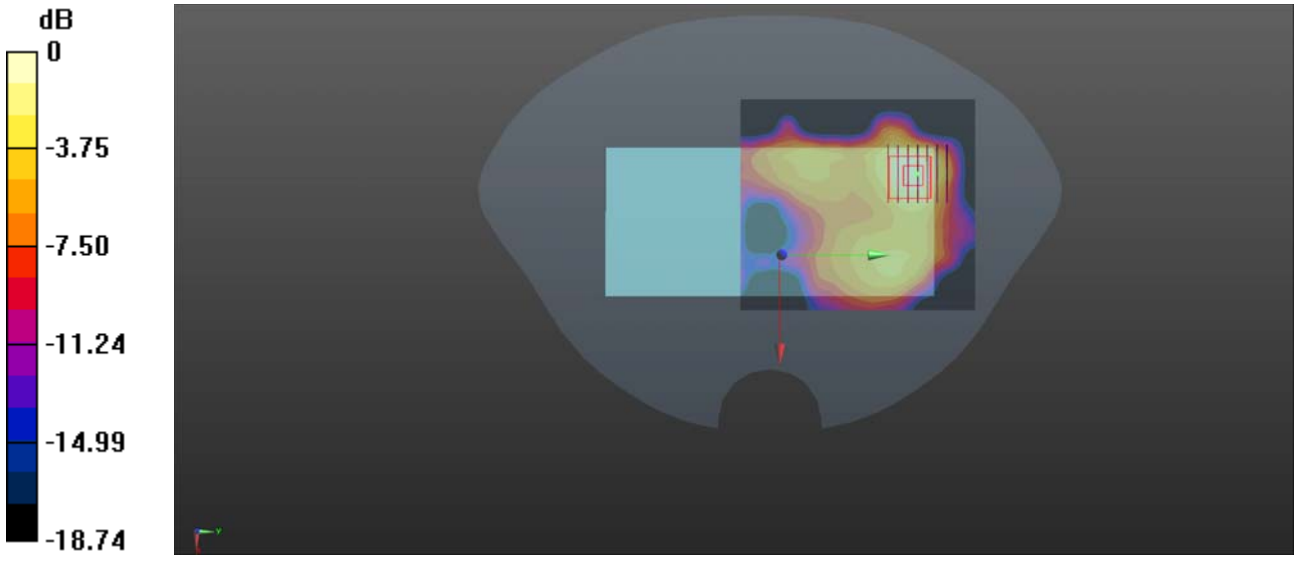
## Bluetooth_DH5_Back Side_10mm_Ch0_Ant 0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz;Duty Cycle: 1:1.073
Medium: HSL_2450 Medium parameters used (interpolated): f = 2402 MHz; $\sigma$ = 1.749 S/m; $\varepsilon_r$ = 38.922; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2402 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch0/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0399 W/kg

**Ch0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.5550 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0500 W/kg
**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.012 W/kg**
Maximum value of SAR (measured) = 0.0365 W/kg




0 dB = 0.0365 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.03.30

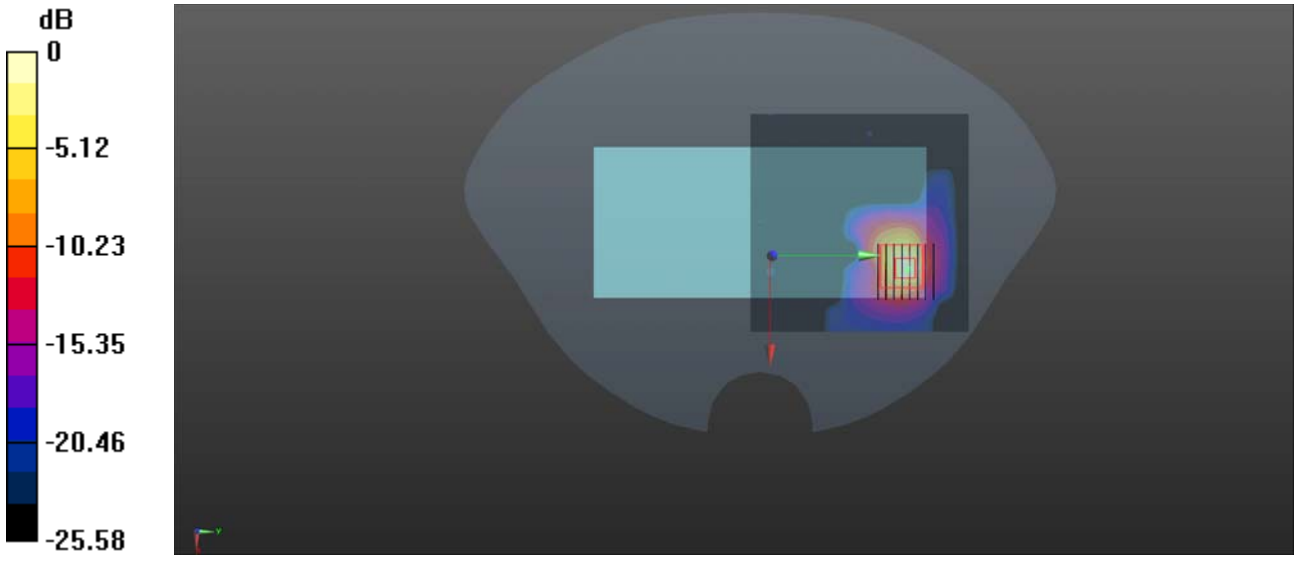
# WLAN 5.3GHz_802.11n-HT20 MCS0_Front Side_0mm_Ch52_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1.051
Medium: HSL_5250 Medium parameters used: f = 5260 MHz; $\sigma$ = 4.714 S/m; $\varepsilon_r$ = 36.032; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5260 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch52/Area Scan (111x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.53 W/kg

**Ch52/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 10.6 W/kg
**SAR(1 g) = 1.89 W/kg; SAR(10 g) = 0.490 W/kg**
Maximum value of SAR (measured) = 4.39 W/kg




0 dB = 4.39 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.02

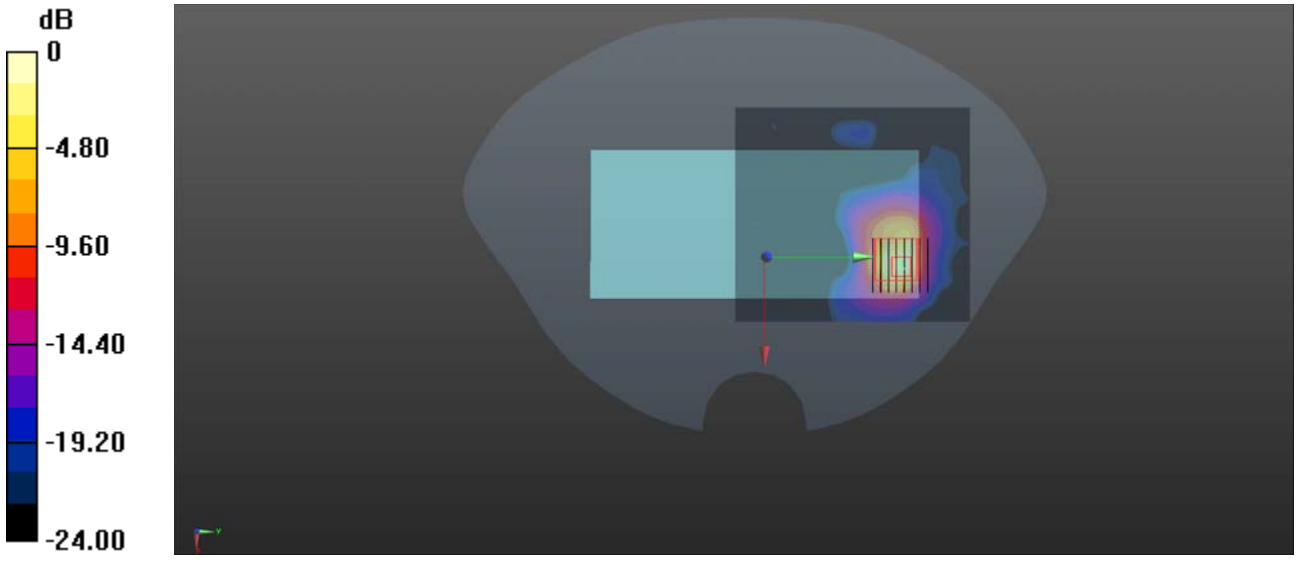
## WLAN 5.5GHz_802.11n-HT20 MCS0_Front Side_0mm_Ch120_Ant 0

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5600 MHz;Duty Cycle: 1:1.050
Medium: HSL_5600 Medium parameters used: f = 5600 MHz; $\sigma$ = 5.125 S/m; $\varepsilon_r$ = 35.435; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.11, 5.11, 5.11) @ 5600 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch120/Area Scan (111x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 5.15 W/kg

**Ch120/Zoom Scan (8x8x15)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 17.1 W/kg
**SAR(1 g) = 2.89 W/kg; SAR(10 g) = 0.757 W/kg**
Maximum value of SAR (measured) = 6.83 W/kg




0 dB = 6.83 W/kg