Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.13

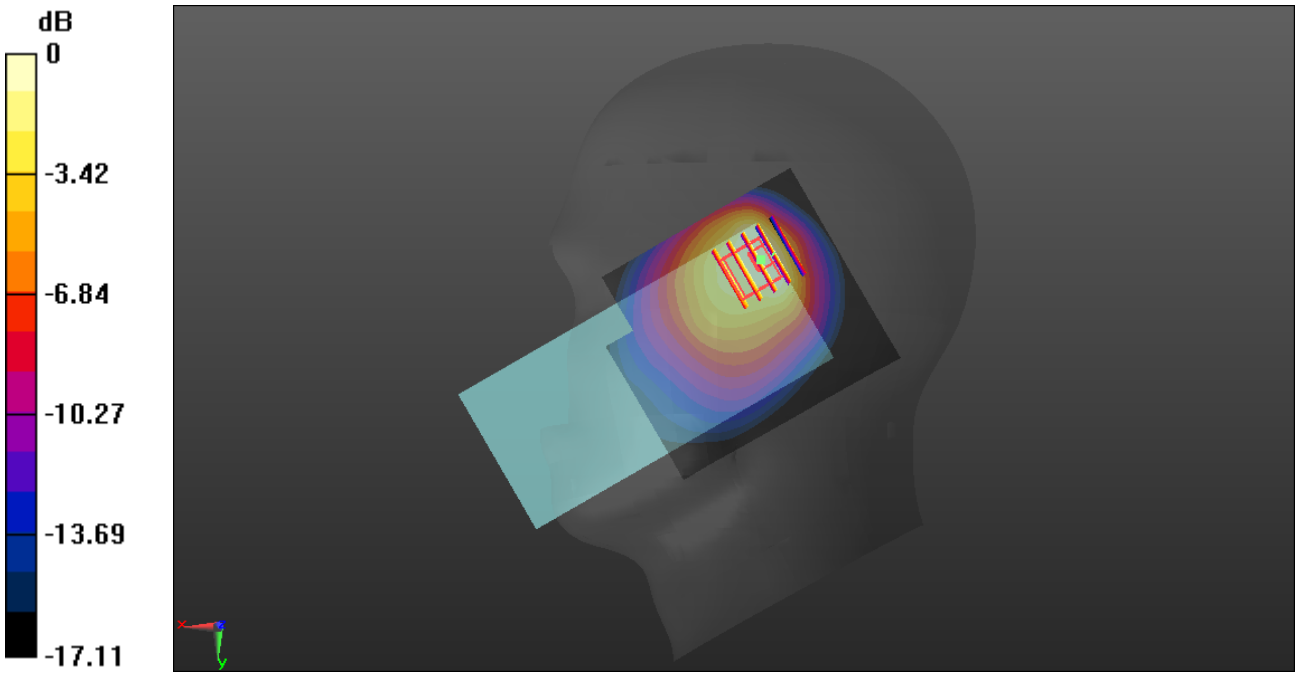
GSM850_GPRS(2 TX slots)_Right Cheek_Ch189_Ant 2

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_900 Medium parameters used: f = 836.4 MHz; σ = 0.958 S/m; ε_r = 40.843; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch189/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.42 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 0.951 W/kg



0 dB = 0.951 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

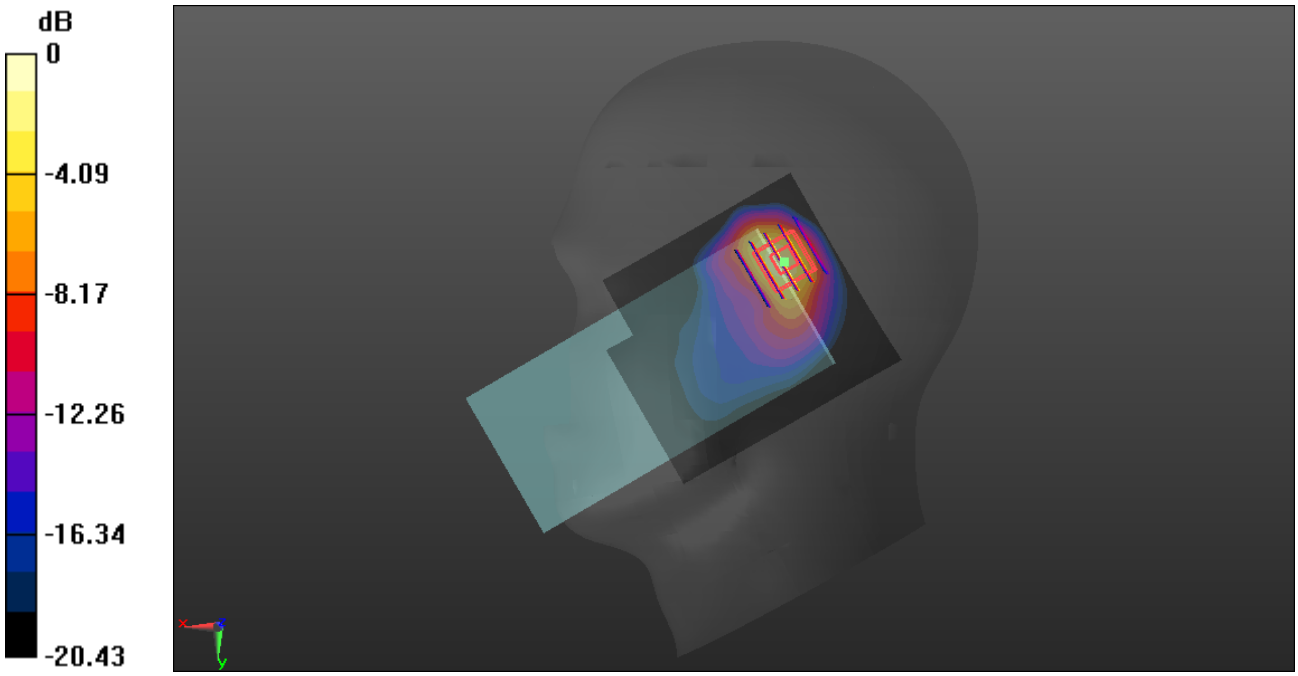
GSM1900_GPRS(3 TX slots)_Right Tilt_Ch661_Ant 2

Communication System: UID 0, GSM1900(class 11) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch661/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.513 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.03 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.666 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

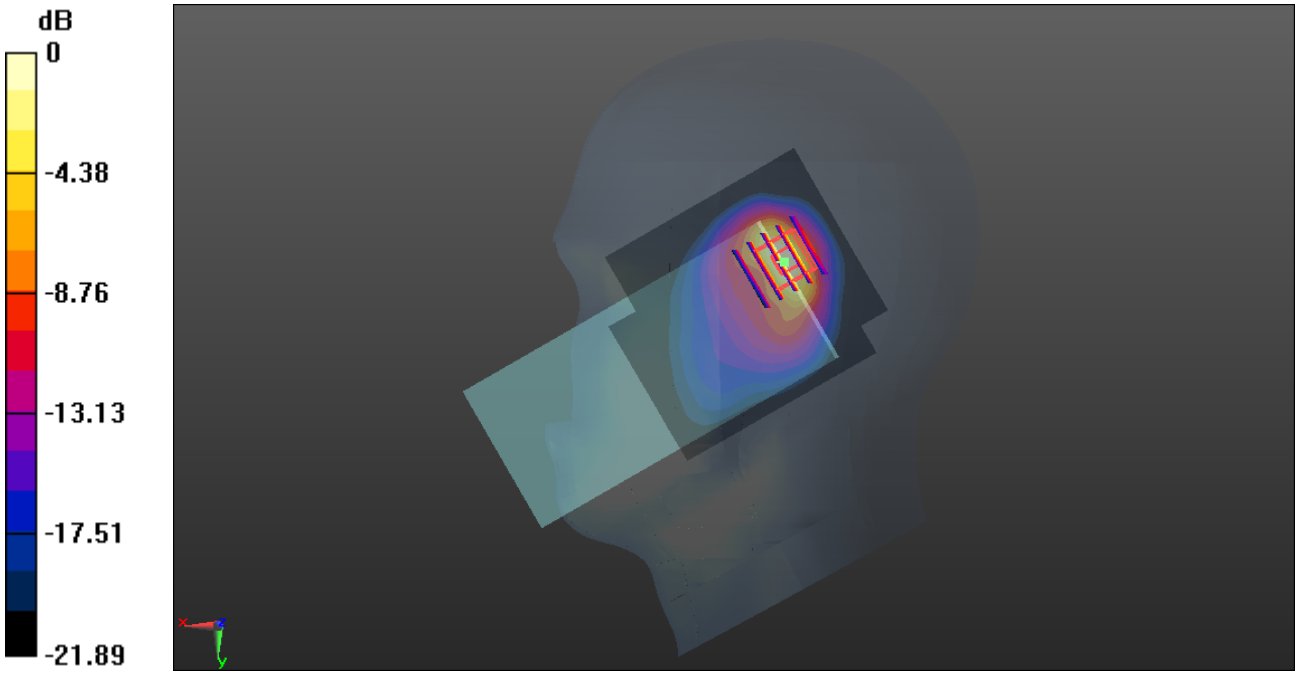
WCDMA Band II_RMC 12.2Kbps_Right Tilt_Ch9400_Ant 2

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.555 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.08 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.884 W/kg
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.652 W/kg



0 dB = 0.652 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

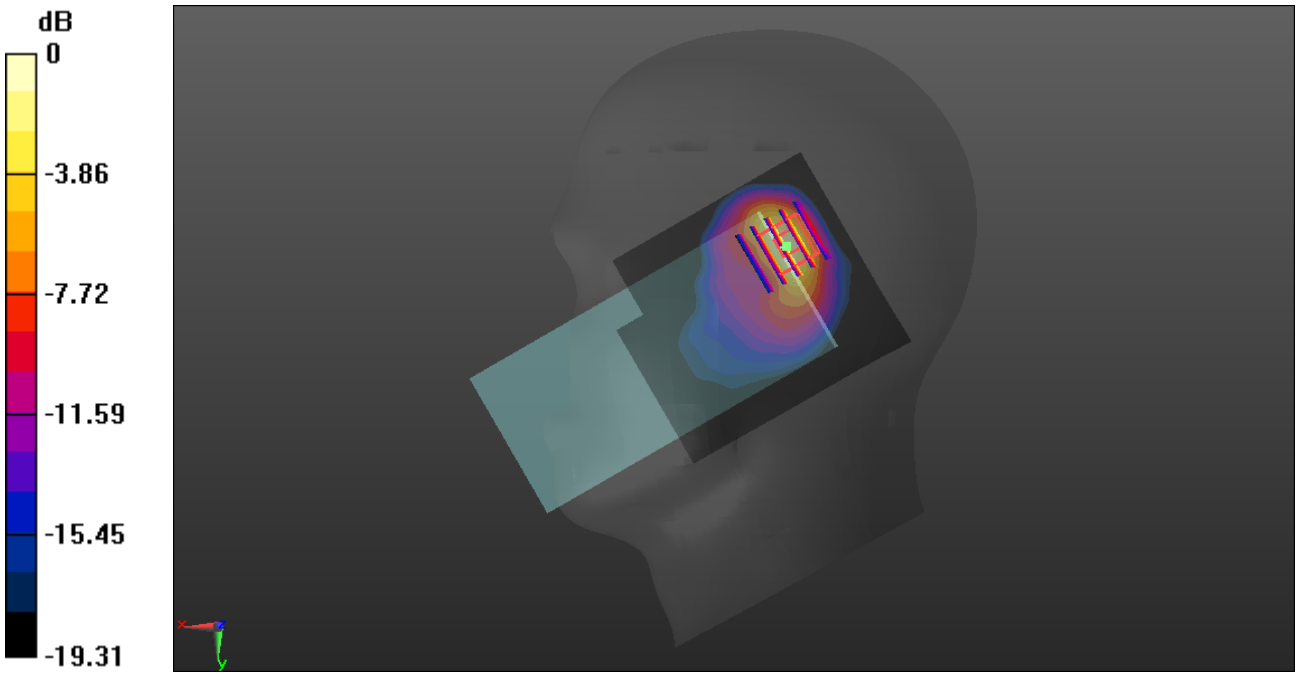
WCDMA Band IV_RMC 12.2Kbps_Right Tilt_Ch1413_Ant 2

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1733 MHz; σ = 1.366 S/m; ε_r = 41.367; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1413/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.389 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.710 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.13

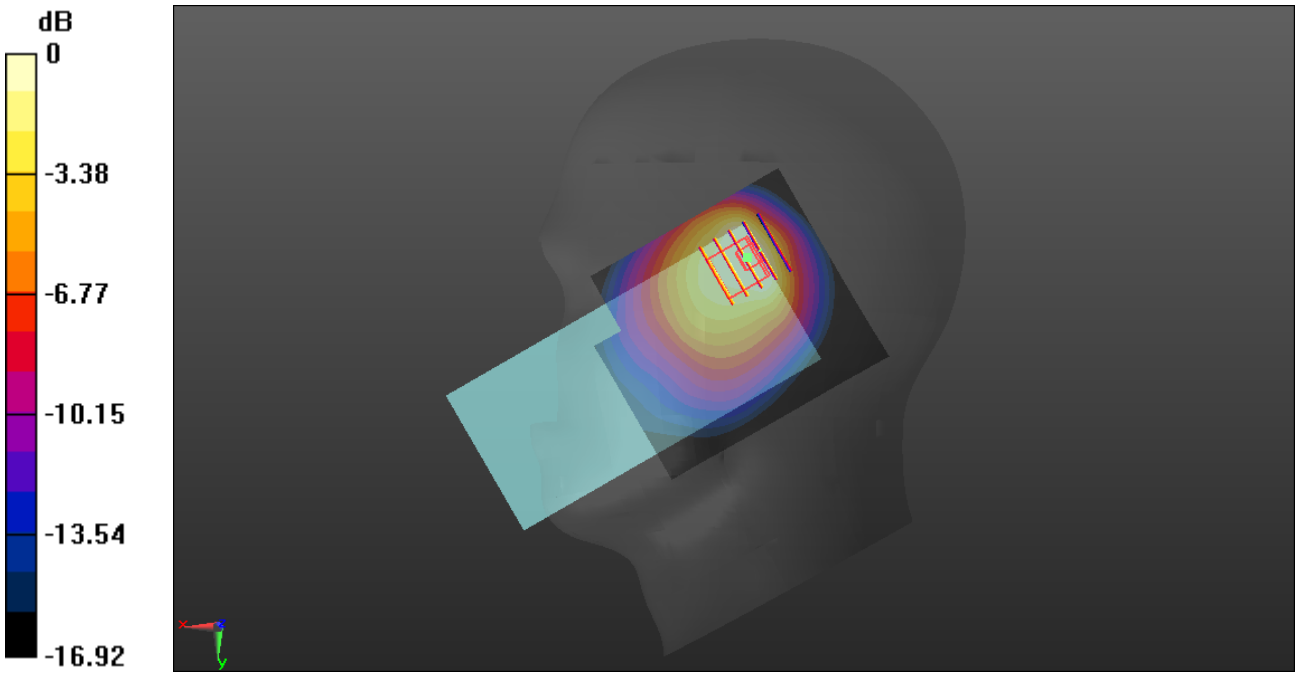
WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4182_Ant 2

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; σ = 0.958 S/m; ε_r = 40.843; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch4182/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.41 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.36 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.513 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: 2023.5.15

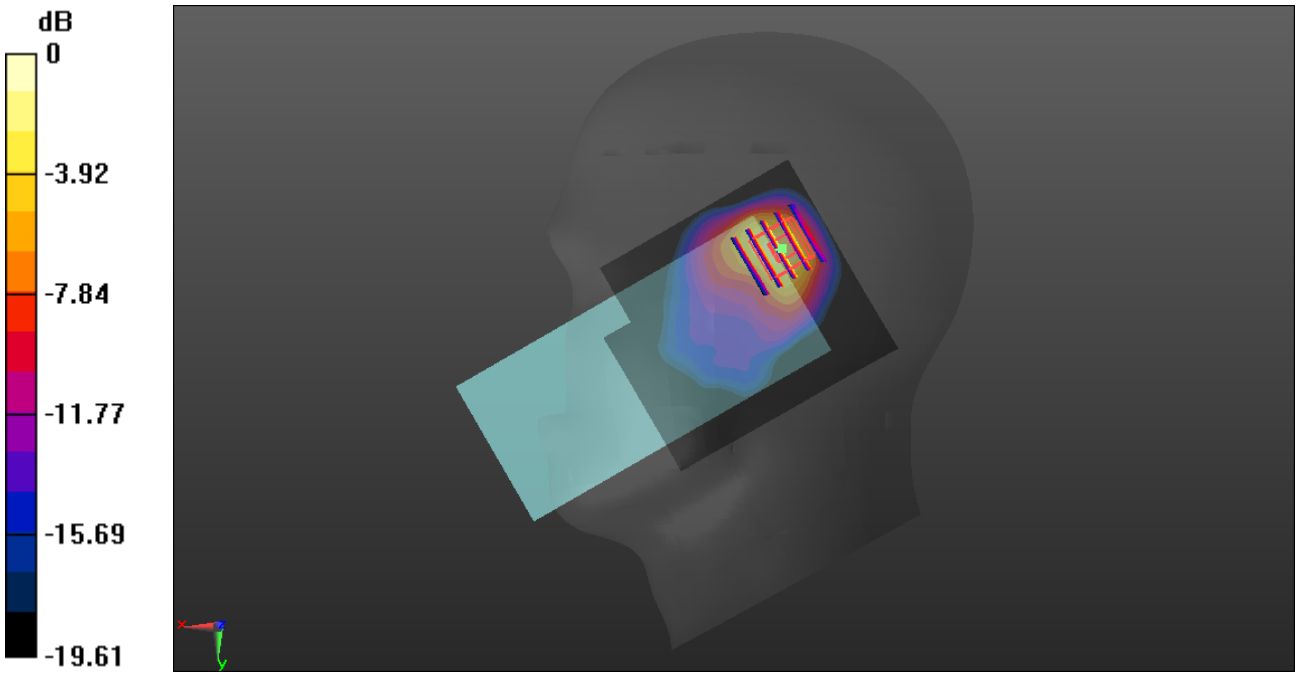
LTE Band 2_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch18900_Ant 2

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.321 S/m; ε_r = 39.882; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch18900/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.690 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.73 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.931 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.13

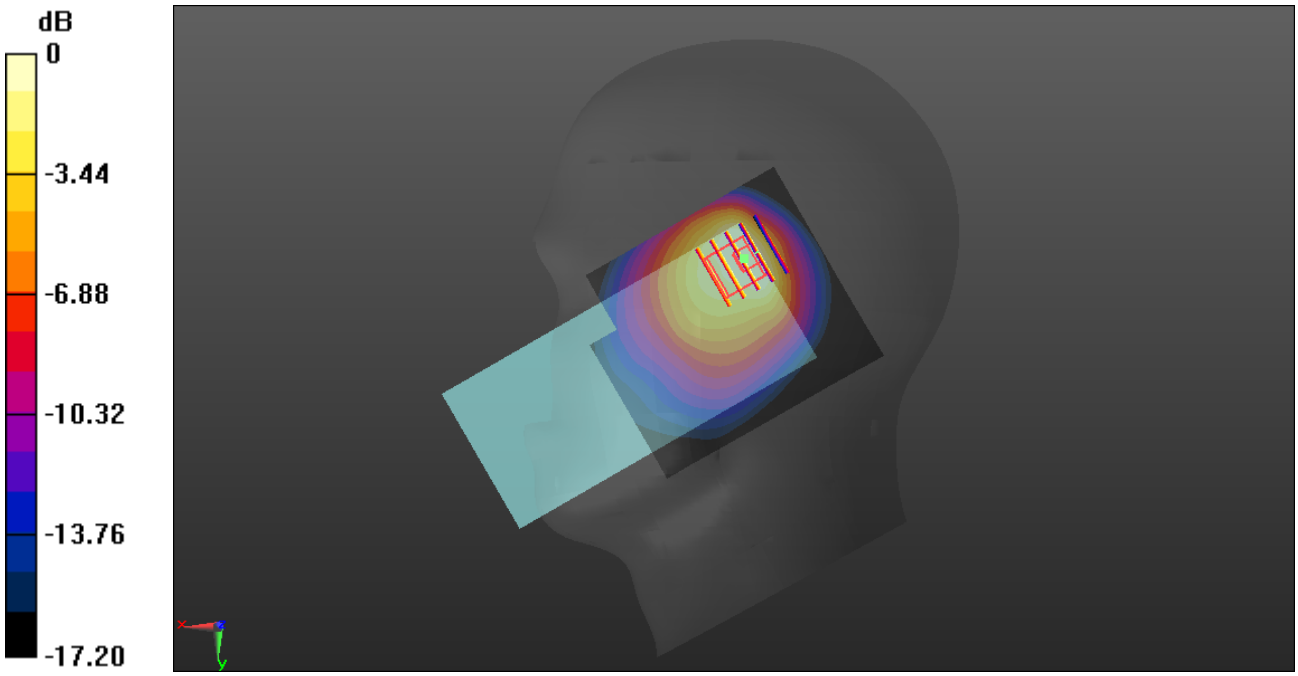
LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20525_Ant 2

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.5 MHz; σ = 0.958 S/m; ε_r = 40.846; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.5 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch20525/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.50 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.509 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: 2023.5.20

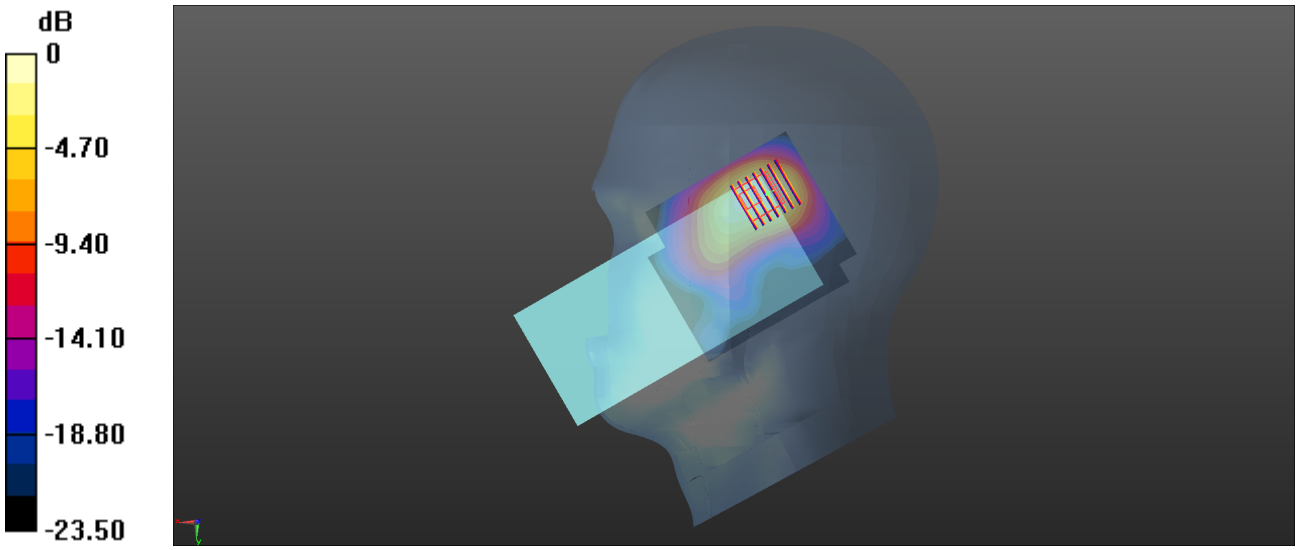
LTE Band 7_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch21100_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.911 S/m; ε_r = 38.489; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2535 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch21100/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.763 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.872 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.752 W/kg



0 dB = 0.752 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.11

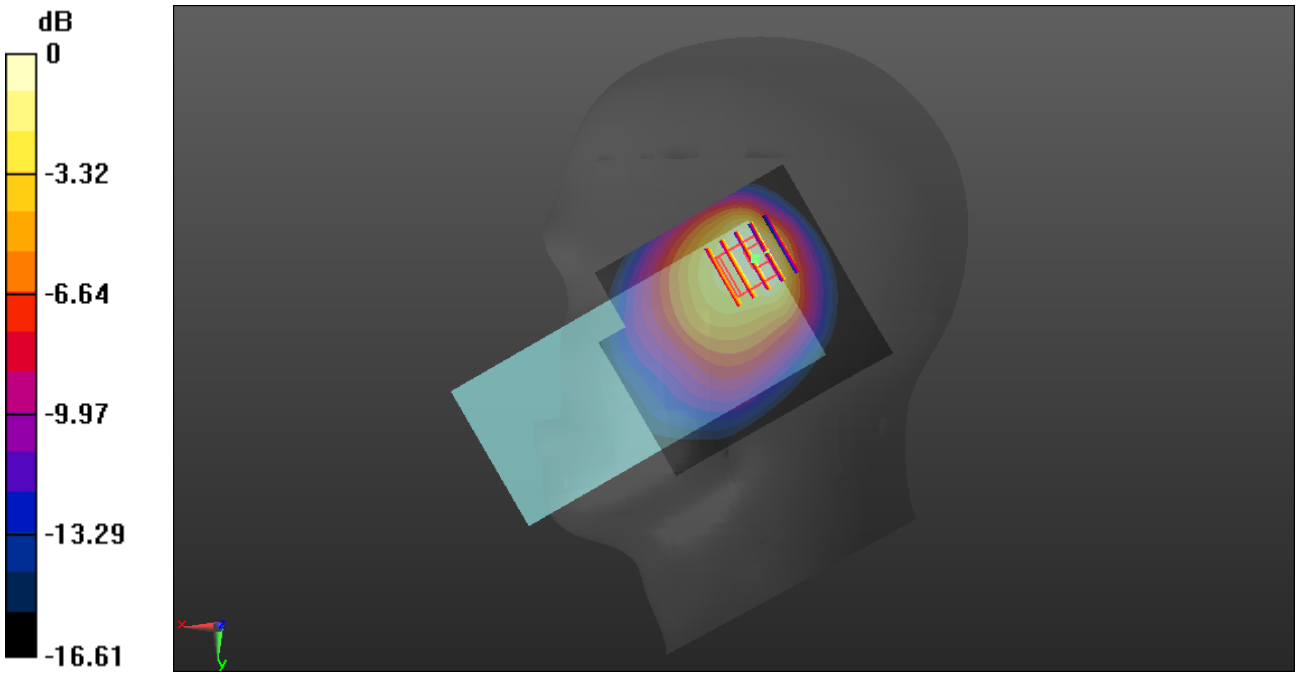
LTE Band 13_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23230_Ant 2

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.932 S/m; ε_r = 40.959; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 782 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch23230/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.79 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.480 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.20

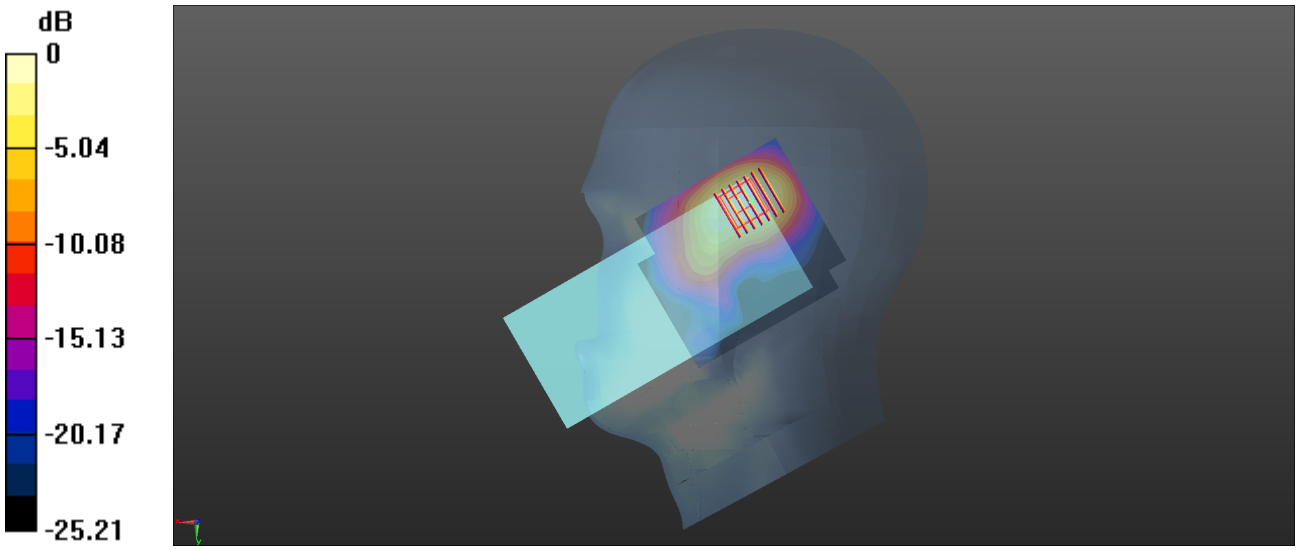
LTE Band 38_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch38000_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.98 S/m; ε_r = 38.287; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2595 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch38000/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.803 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.978 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.799 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.13

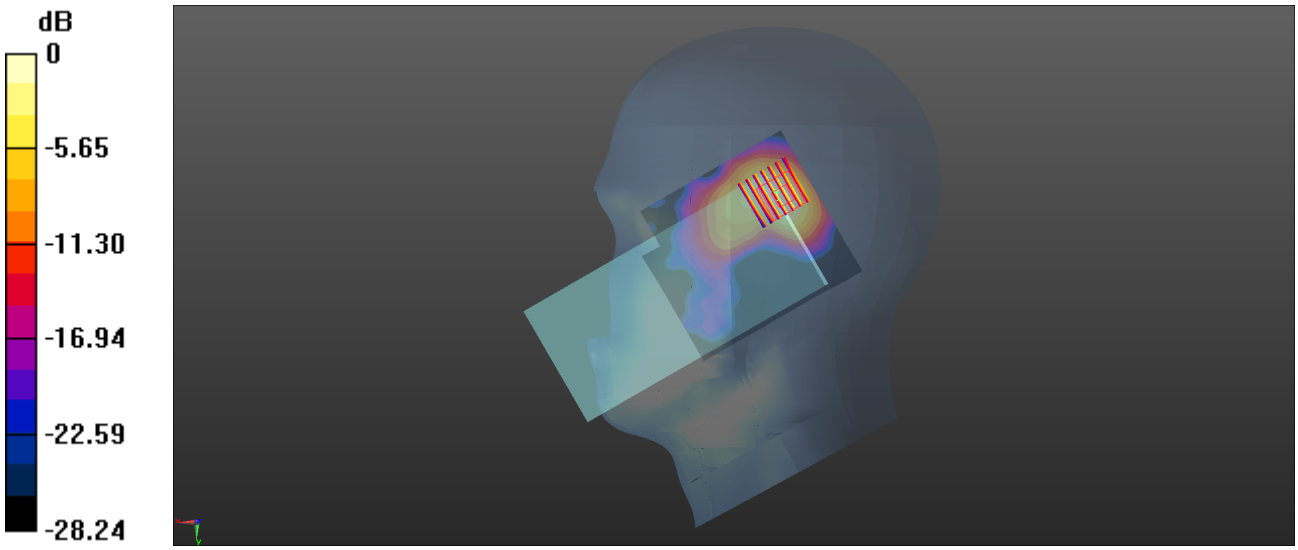
LTE Band 40_10MHz_QPSK_1RB_0Offset_Right Tilt_Ch38750_Ant 2

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

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.85, 7.85, 7.85) @ 2310 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch38750/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.503 W/kg

Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.858 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.864 W/kg
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.578 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.20

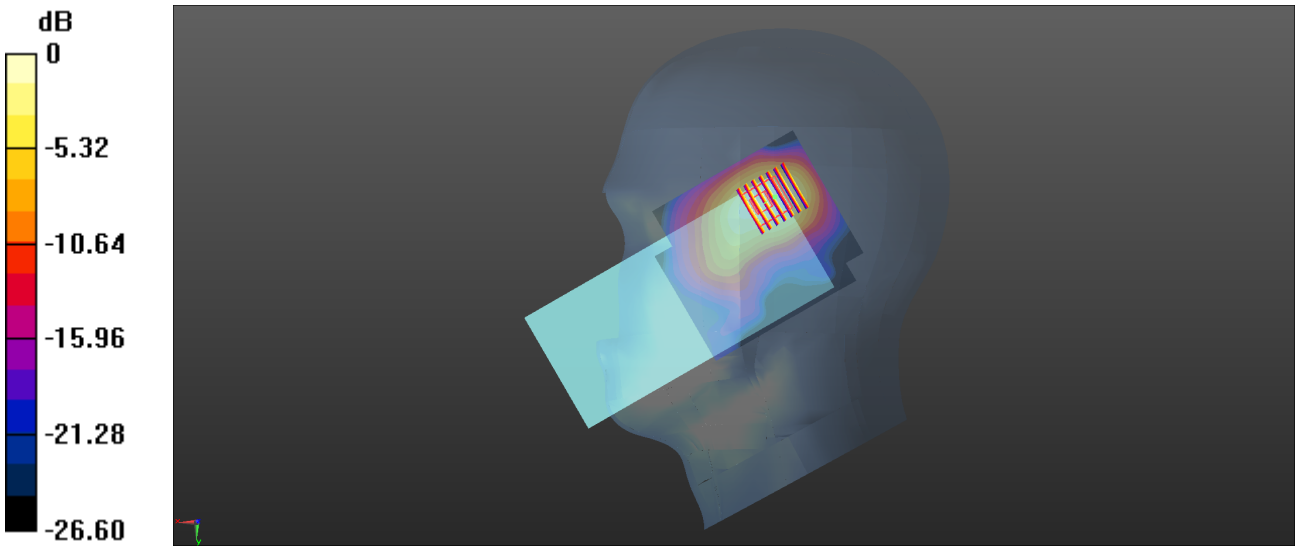
LTE Band 41_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch40620_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2593 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch40620/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.852 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.963 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.991 W/kg
SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

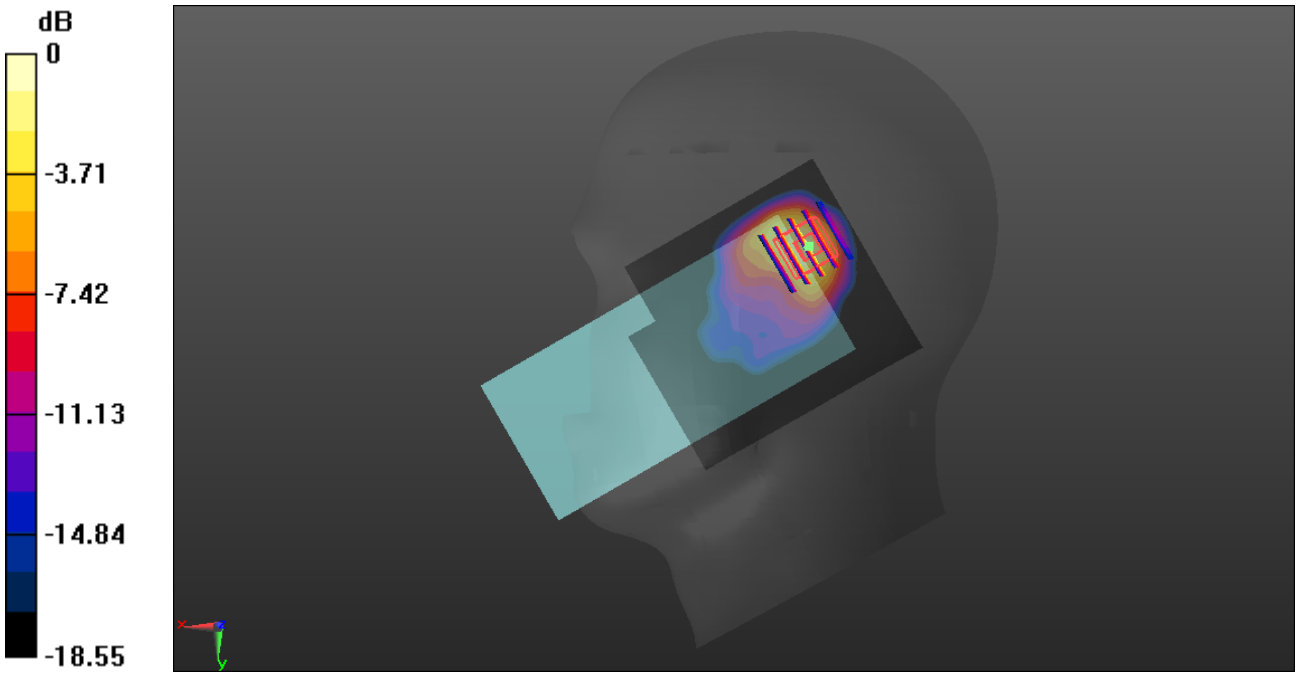
LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch132322_Ant 2

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1745 MHz; σ = 1.382 S/m; ε_r = 41.164; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.286 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.144 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.445 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.22

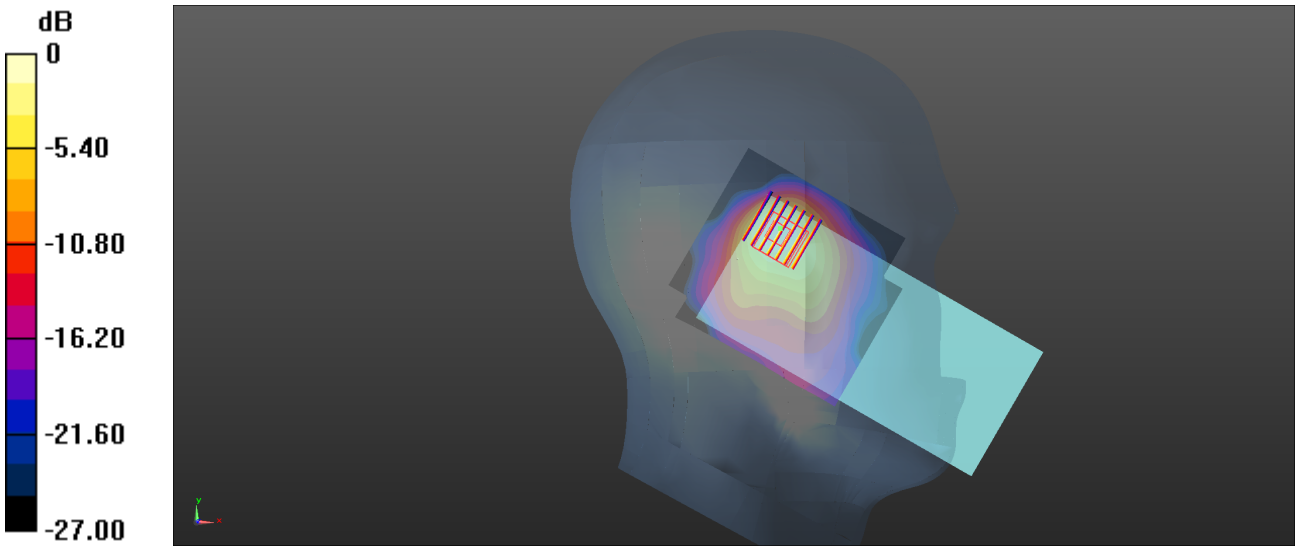
WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1.005
Medium: HSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.802 S/m; ε_r = 38.902; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2437 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch6/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.085 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.25

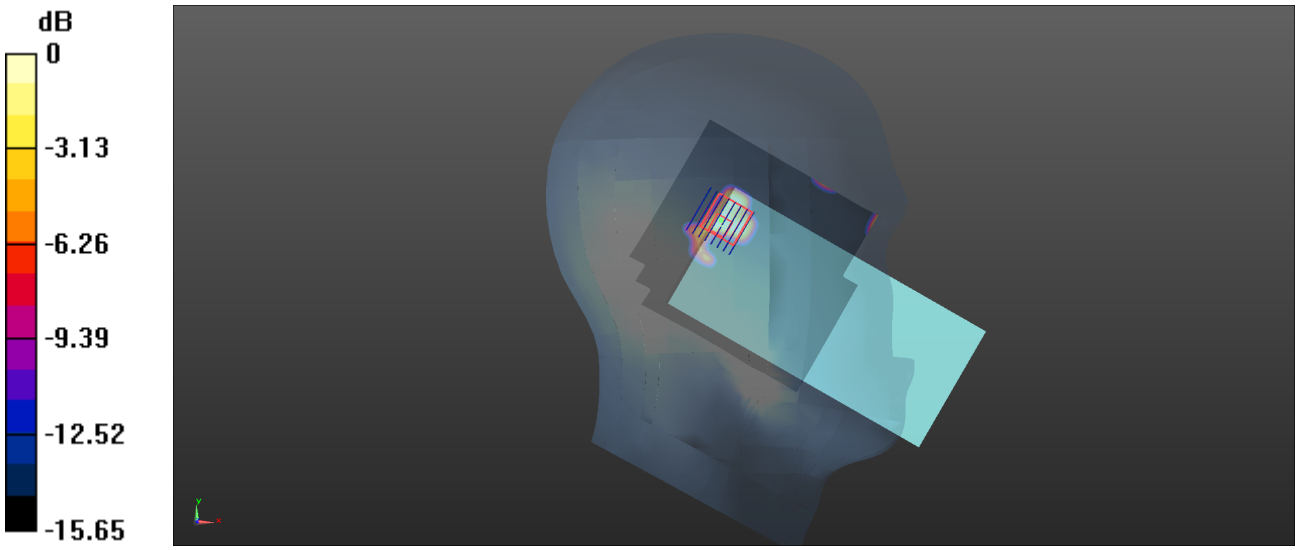
WLAN 5.2GHz_802.11ac-VHT20 MCS0_Left Tilt_Ch48

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1.05
Medium: HSL_5250 Medium parameters used: f = 5240 MHz; σ = 4.685 S/m; ε_r = 36.07; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5240 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch48/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.56 W/kg

Ch48/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.505 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.48 W/kg
SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.197 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.25

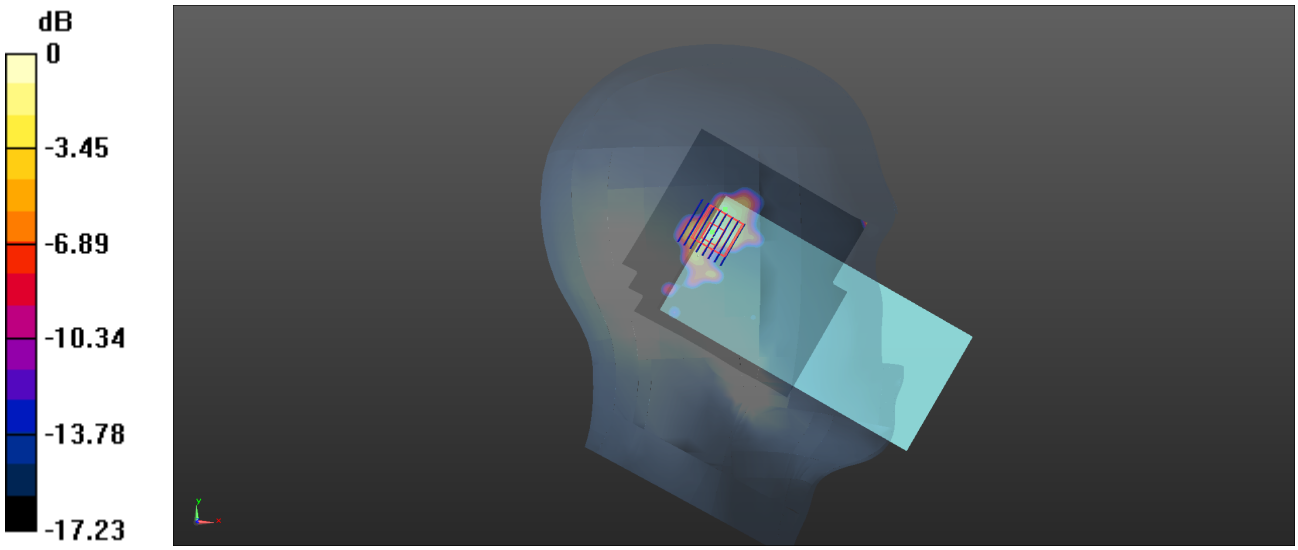
WLAN 5.3GHz_802.11ac-VHT20 MCS0_Left Tilt_Ch52

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1.05
Medium: HSL_5250 Medium parameters used: f = 5260 MHz; σ = 4.714 S/m; ε_r = 36.032; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5260 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch52/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch52/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.186 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.80 W/kg
SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.27

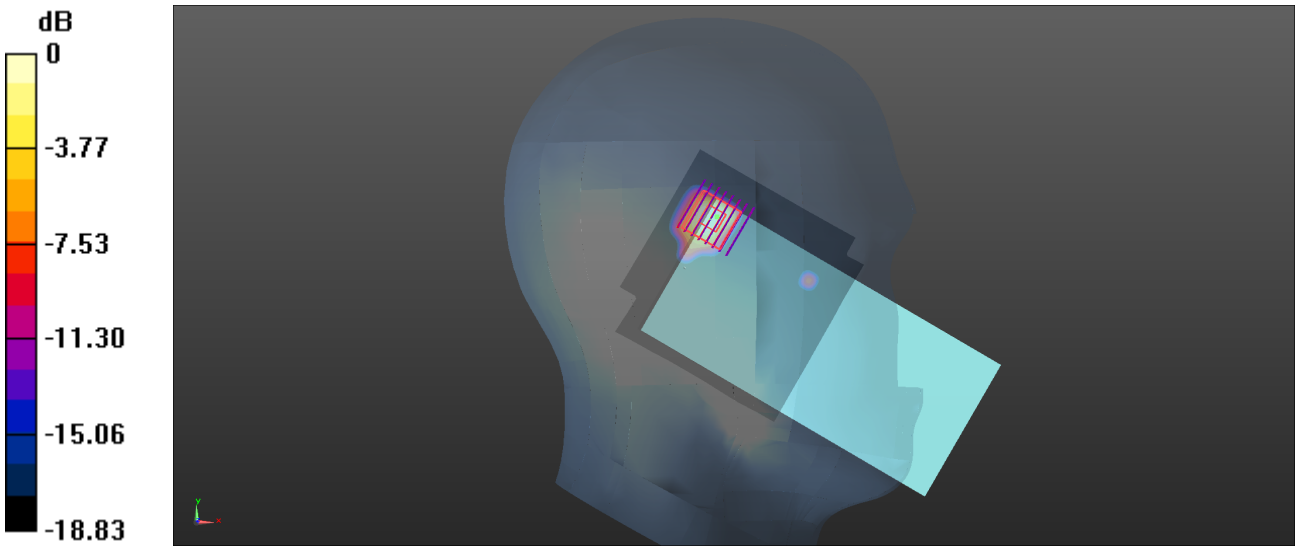
WLAN 5.5GHz_802.11n-HT20 MCS0_Left Tilt_Ch140

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5700 MHz;Duty Cycle: 1:1.051
Medium: HSL_5600 Medium parameters used: f = 5700 MHz; σ = 5.24 S/m; ε_r = 35.248; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5700 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch140/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.04 W/kg

Ch140/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.039 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.29

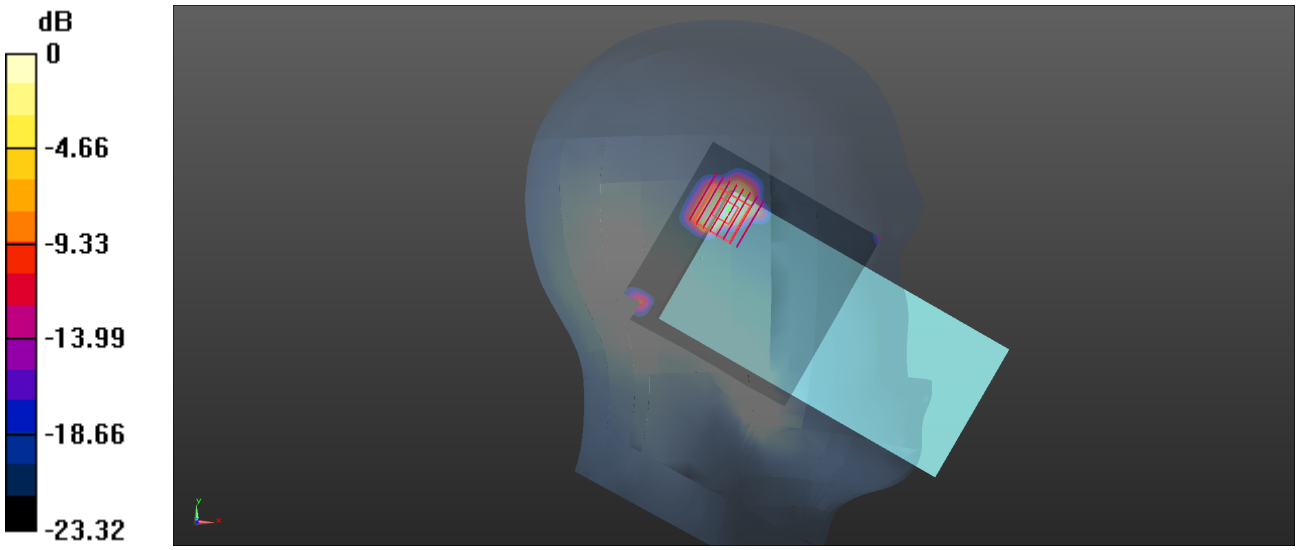
WLAN 5.8GHz_802.11ac-VHT20 MCS0_Left Tilt_Ch157

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5785 MHz;Duty Cycle: 1:1.05
Medium: HSL_5750 Medium parameters used: f = 5785 MHz; σ = 5.333 S/m; ε_r = 35.097; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.87, 4.87, 4.87) @ 5785 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch157/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Ch157/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.897 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.78 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.228 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.22

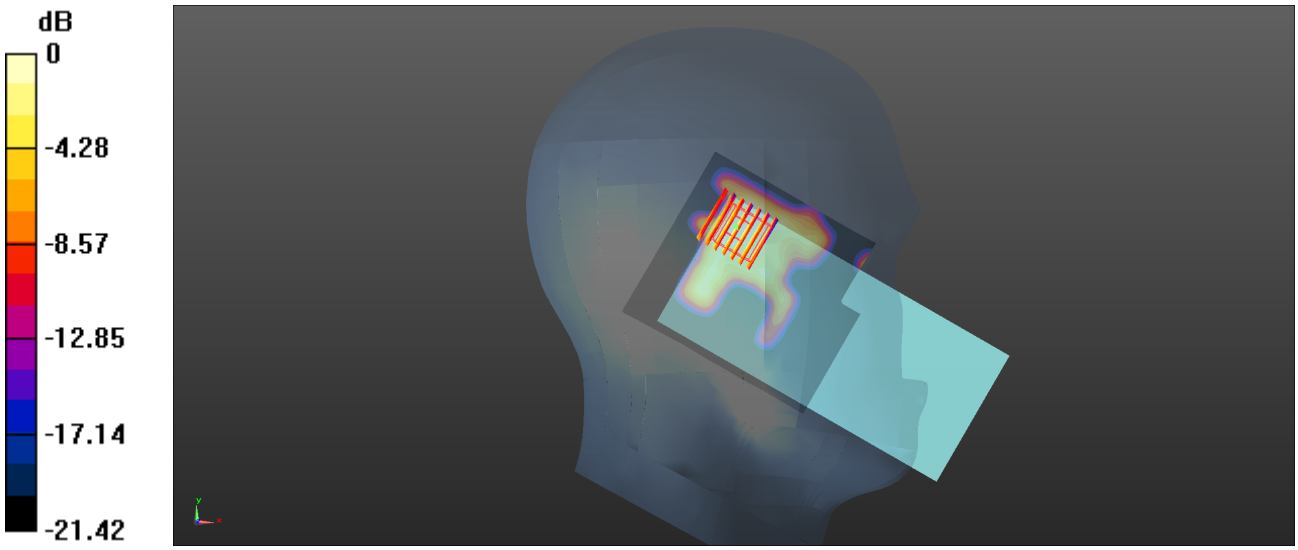
Bluetooth_DH5_Left Cheek_Ch0

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

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2437 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch0/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.194 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.235 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.13

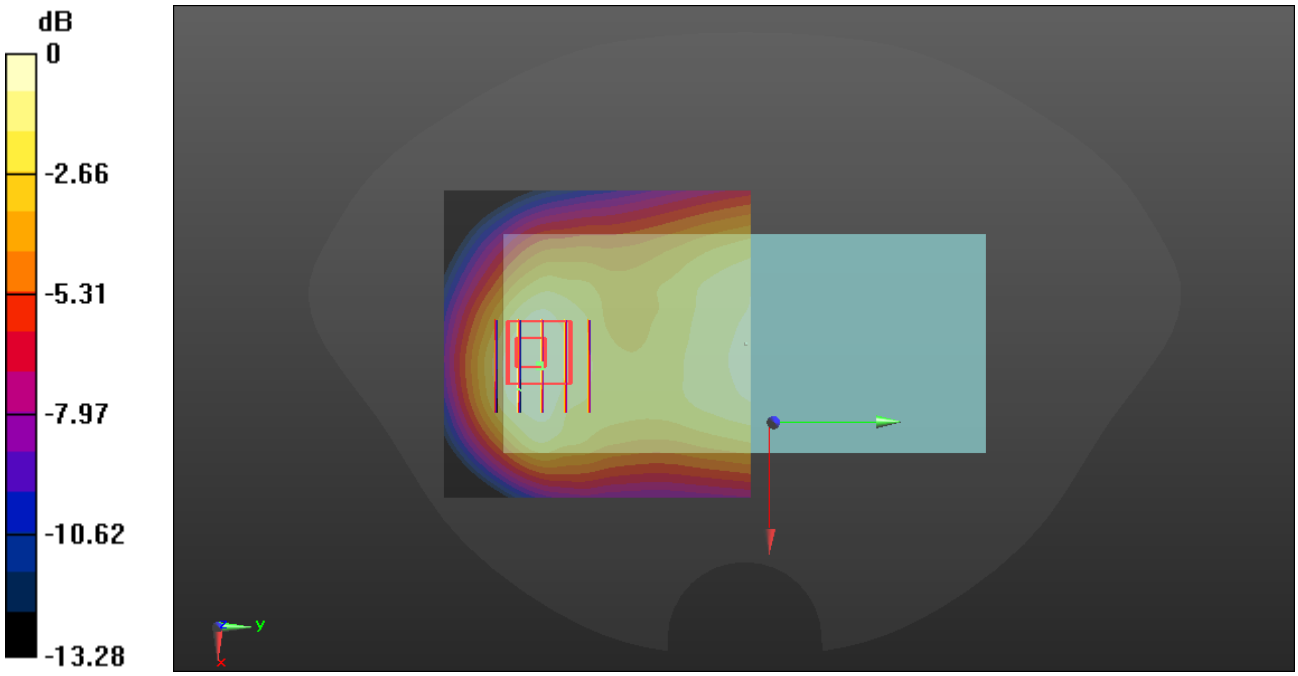
GSM850_GPRS(2 TX slots)_Back Side_10mm_Ch189_Ant 3

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_900 Medium parameters used: f = 836.4 MHz; σ = 0.958 S/m; ε_r = 40.843; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch189/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.396 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.83 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

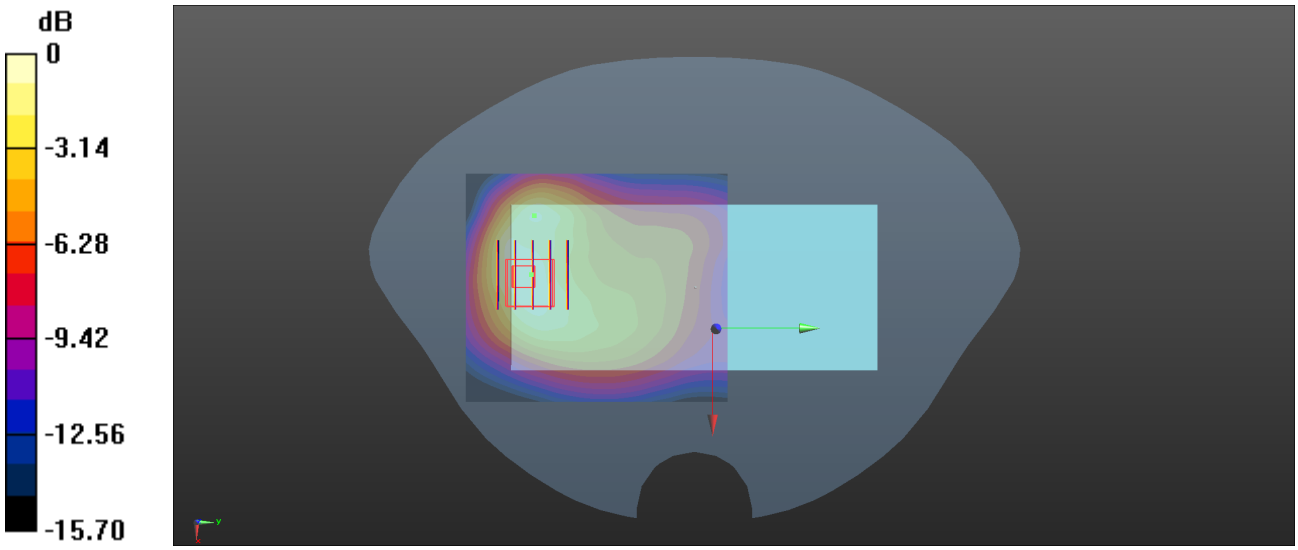
GSM1900_GPRS(3 TX slots)_Back Side_10mm_Ch661_Ant 3

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: HSL_1800 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch661/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.784 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.29 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 0.792 W/kg



0 dB = 0.792 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.16

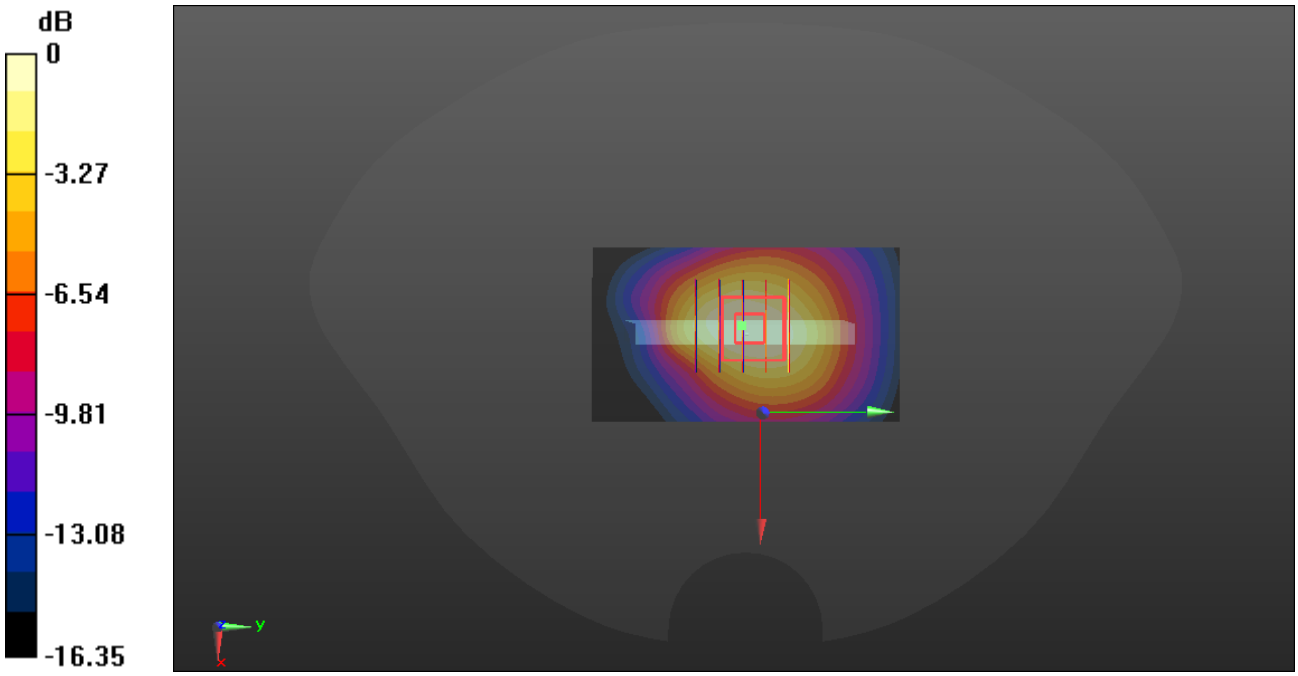
GSM1900_GPRS(3 TX slots)_Bottom Side_10mm_Ch810_Ant 3

Communication System: UID 0, GSM1900(class 11) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900 Medium parameters used: f = 1910 MHz; σ = 1.322 S/m; ε_r = 39.646; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1909.8 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch810/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.49 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.482 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

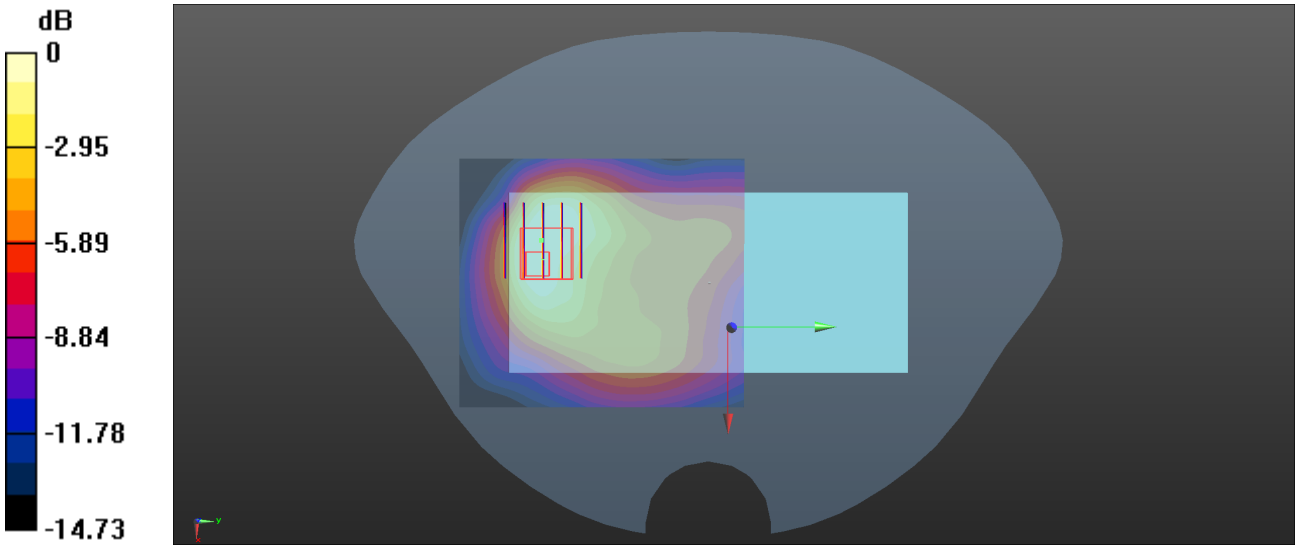
WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400_Ant 3

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch9400/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.686 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.083 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.704 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.250 W/kg
Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.536 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.16

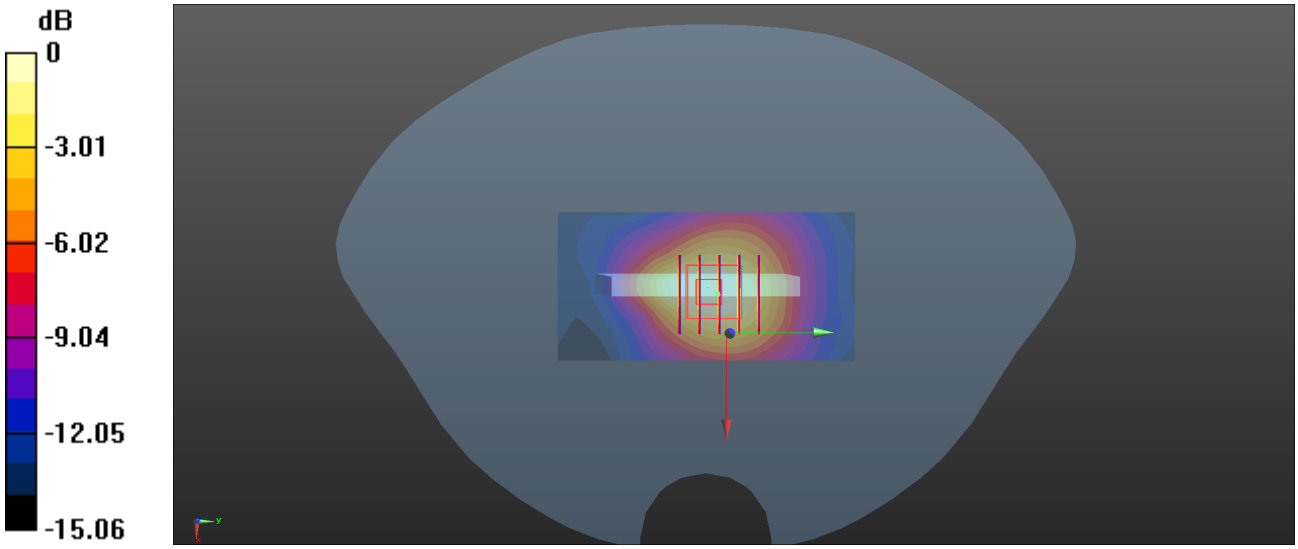
WCDMA Band II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538_Ant 3

Communication System: UID 0, UMTS-FDD (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1908 MHz; σ = 1.378 S/m; ε_r = 39.922; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1907.6 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch9538/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.969 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.14 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.418 W/kg
Maximum value of SAR (measured) = 0.911 W/kg



0 dB = 0.911 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

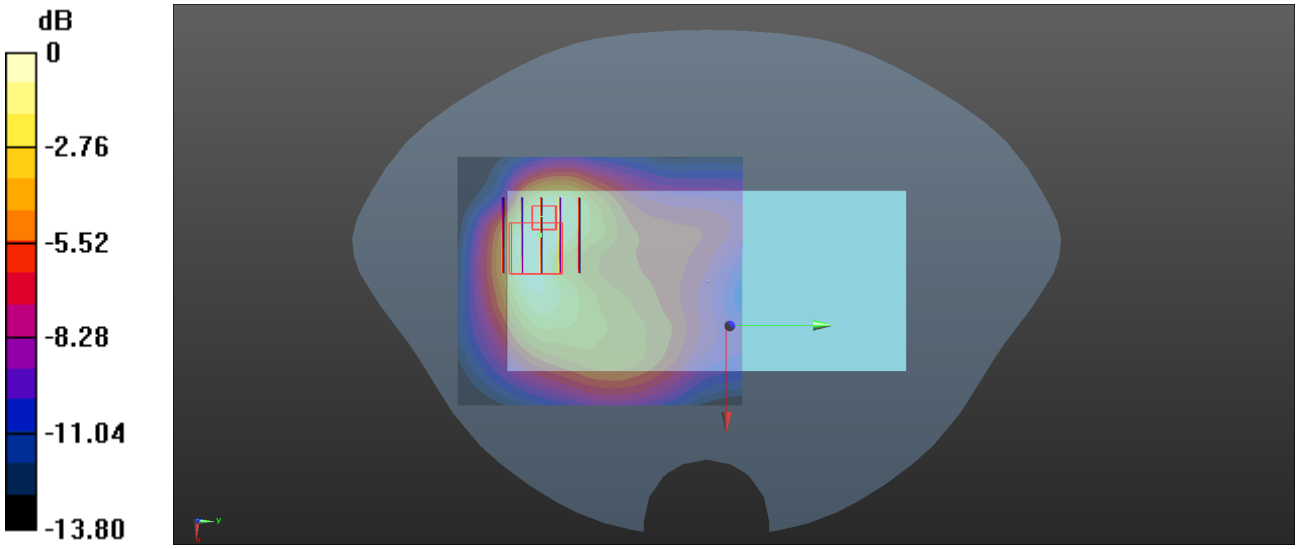
WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1413_Ant 3

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

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1413/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.530 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.900 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

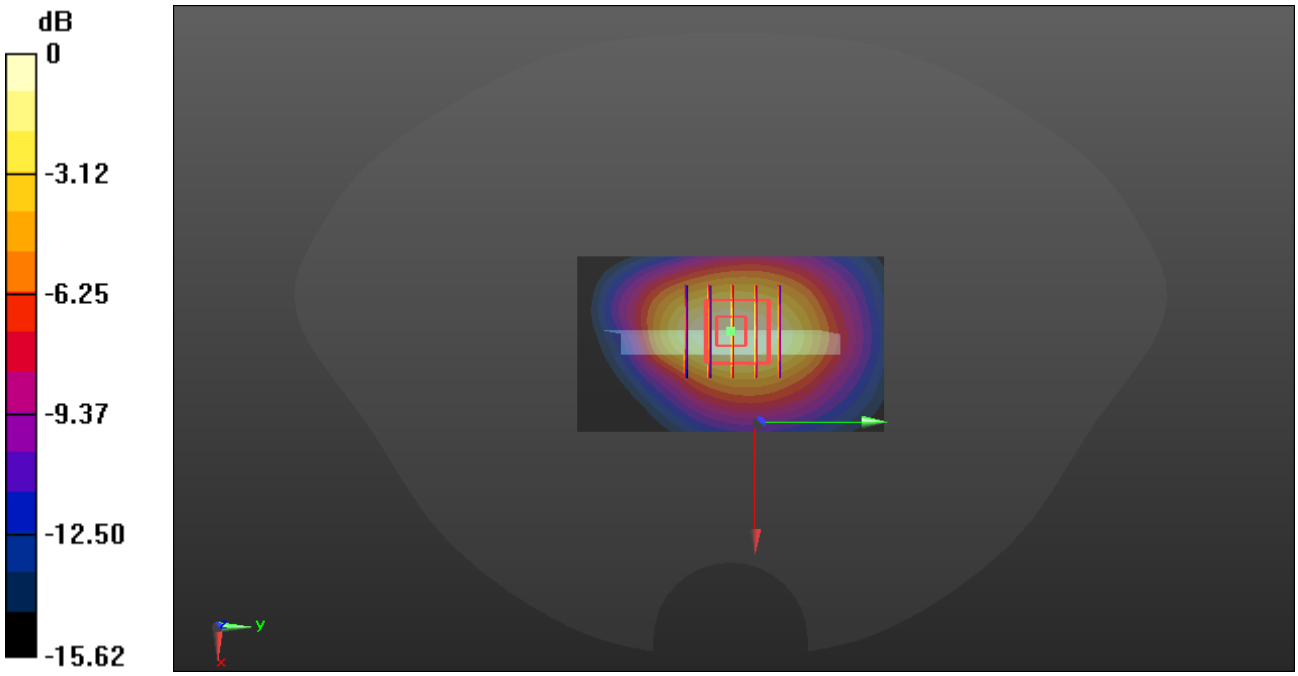
WCDMA Band IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1413_Ant 3

Communication System: UID 0, UMTS-FDD (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1733 MHz; σ = 1.366 S/m; ε_r = 41.367; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1413/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.70 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.499 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: 2023.5.13

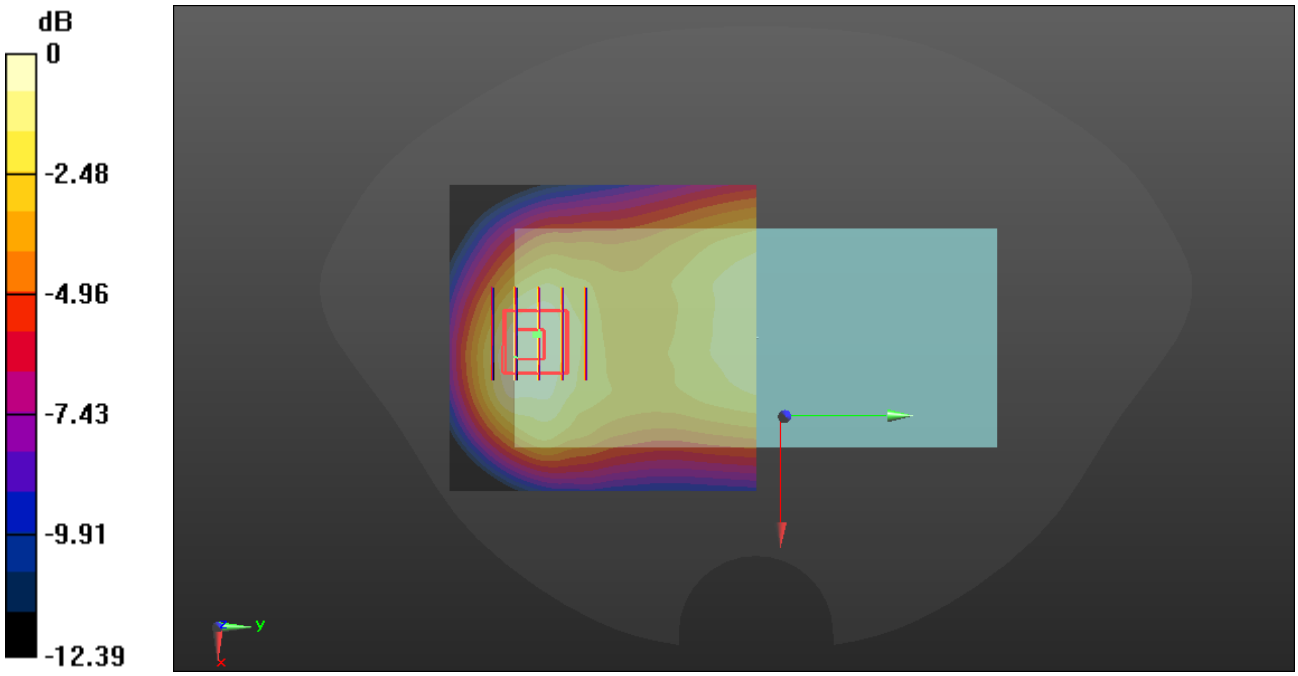
WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4182_Ant 3

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.4 MHz; σ = 0.958 S/m; ε_r = 40.843; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.4 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch4182/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.373 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.17 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.374 W/kg



0 dB = 0.374 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

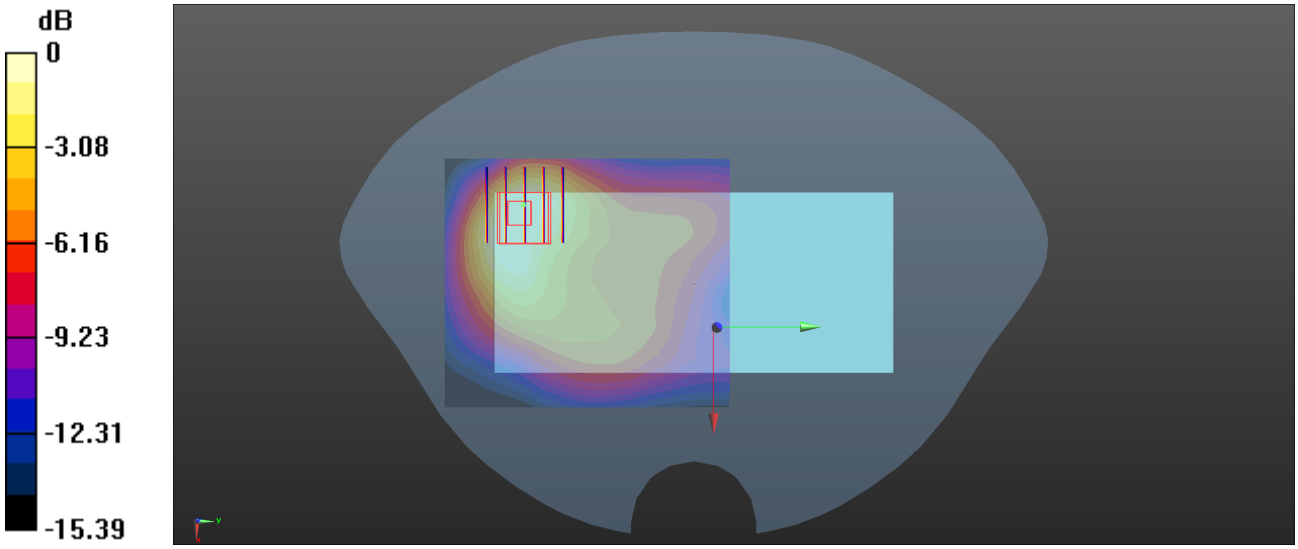
LTE Band 2_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch18900_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1880 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch18900/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.615 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.432 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.720 W/kg
SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.548 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.16

LTE Band 2_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch19100_Ant 3

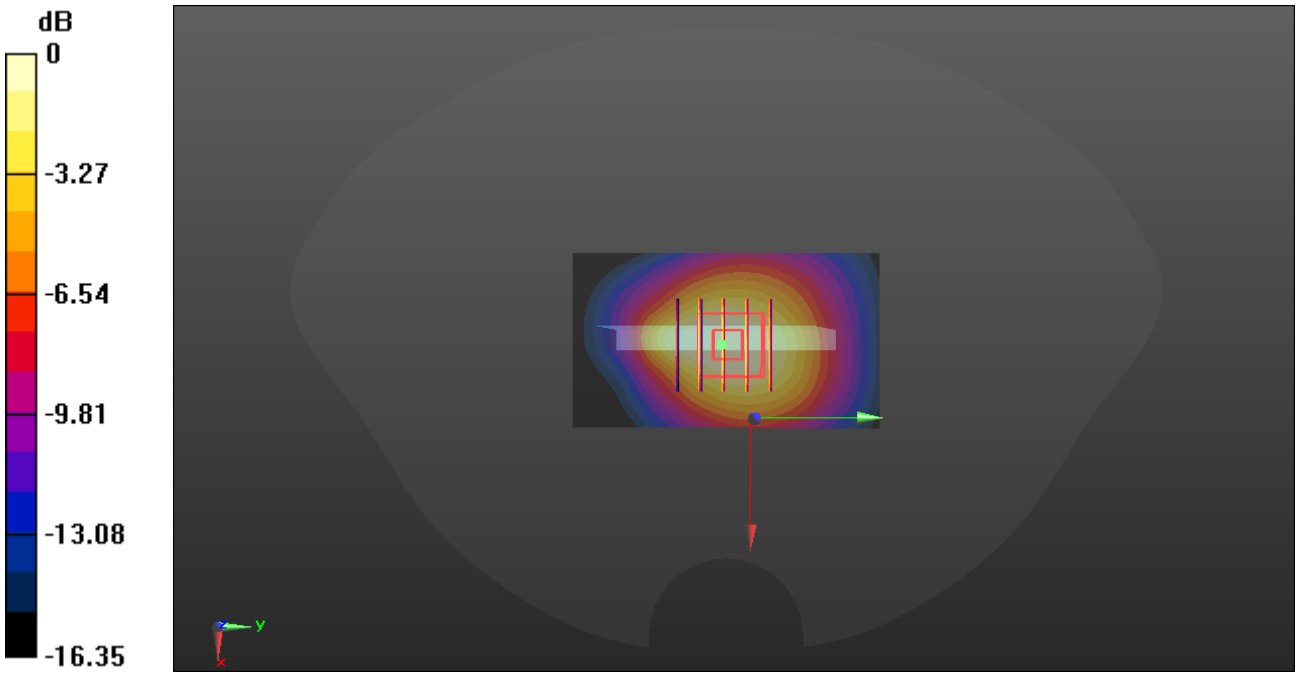
Communication System: UID 0, LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: f = 1900 MHz; σ = 1.319 S/m; ε_r = 39.745; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.11, 8.11, 8.11) @ 1900 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch19100/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.23 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.443 W/kg
Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.13

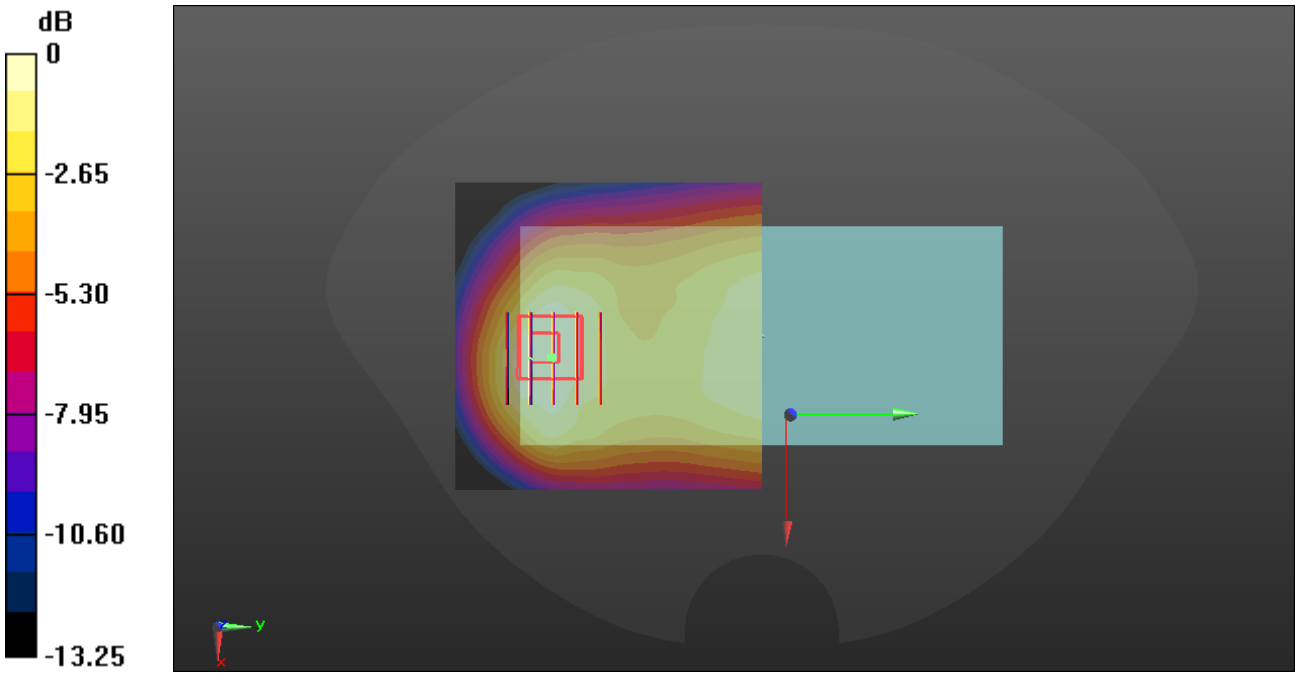
LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20525_Ant 3

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.5 MHz; σ = 0.958 S/m; ε_r = 40.846; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 836.5 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch20525/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.424 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.57 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.387 W/kg



0 dB = 0.387 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.20

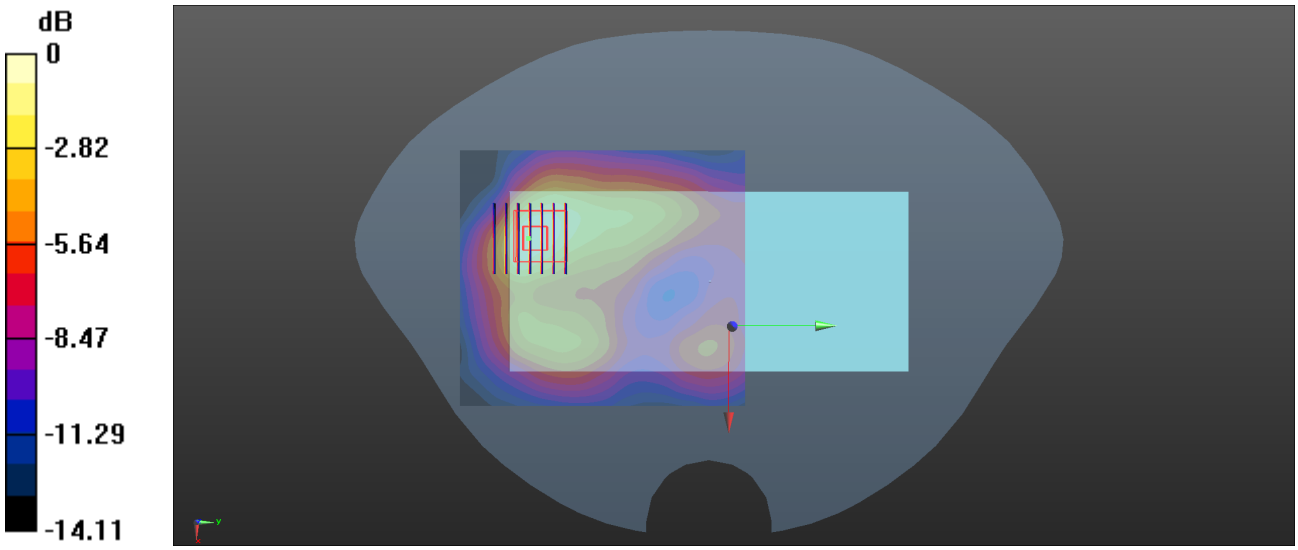
LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch21100_Ant 3

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.911 S/m; ε_r = 38.489; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2535 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch21100/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.589 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.675 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.20

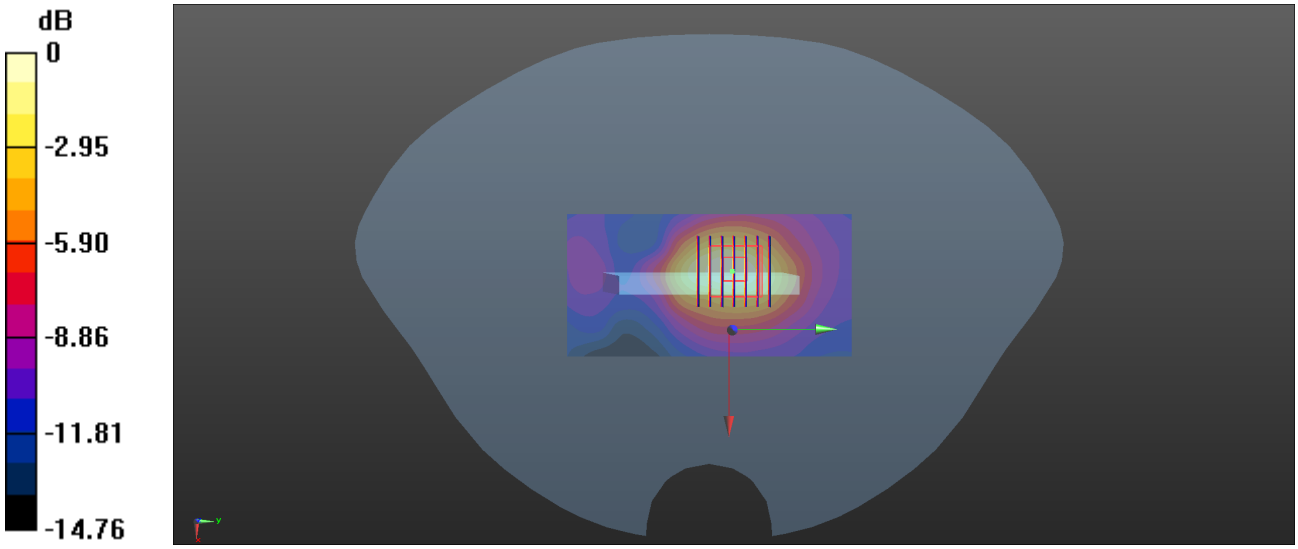
LTE Band 7_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch21100_Ant 3

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.911 S/m; ε_r = 38.489; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2535 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch21100/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.693 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.35 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.894 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.11

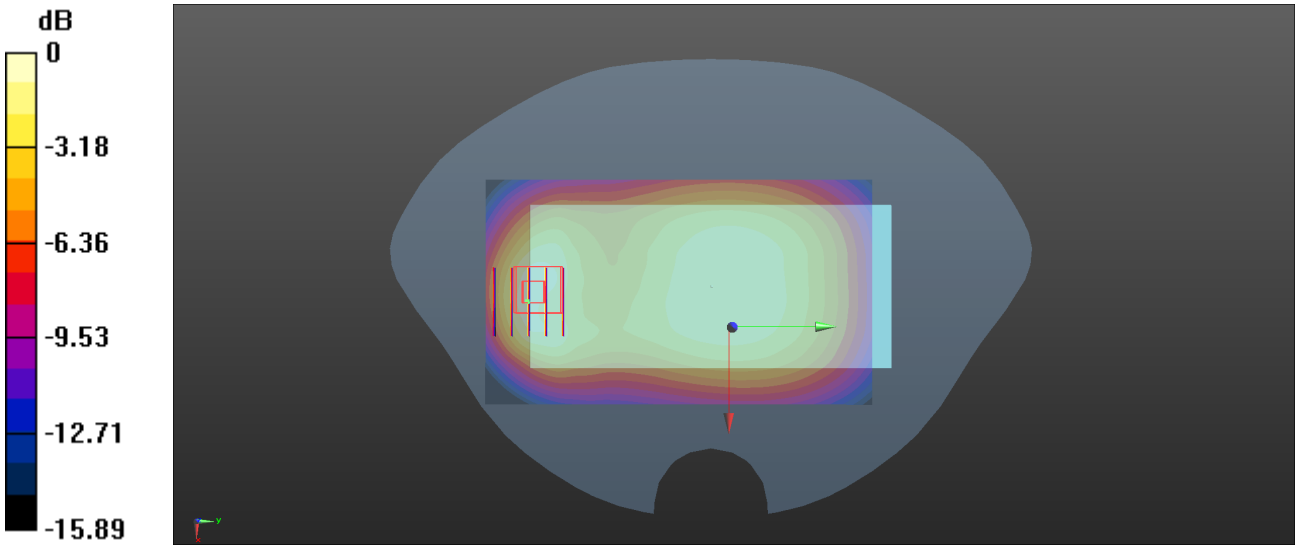
LTE Band 13_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23230_Ant 3

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 782 MHz; σ = 0.938 S/m; ε_r = 42.016; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 782 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch23230/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.358 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.52 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.387 W/kg



0 dB = 0.387 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.20

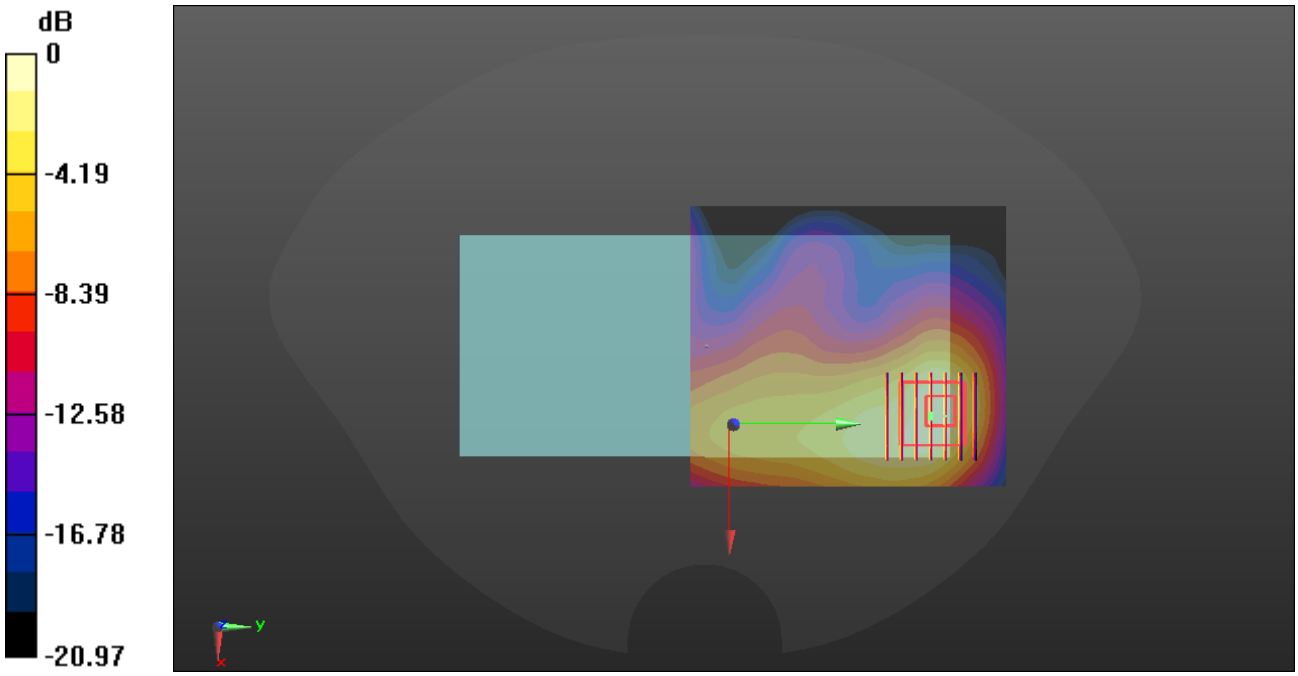
LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38000_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.98 S/m; ε_r = 38.287; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2595 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch38000/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.538 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.979 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.170 W/kg
Maximum value of SAR (measured) = 0.519 W/kg



0 dB = 0.519 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.13

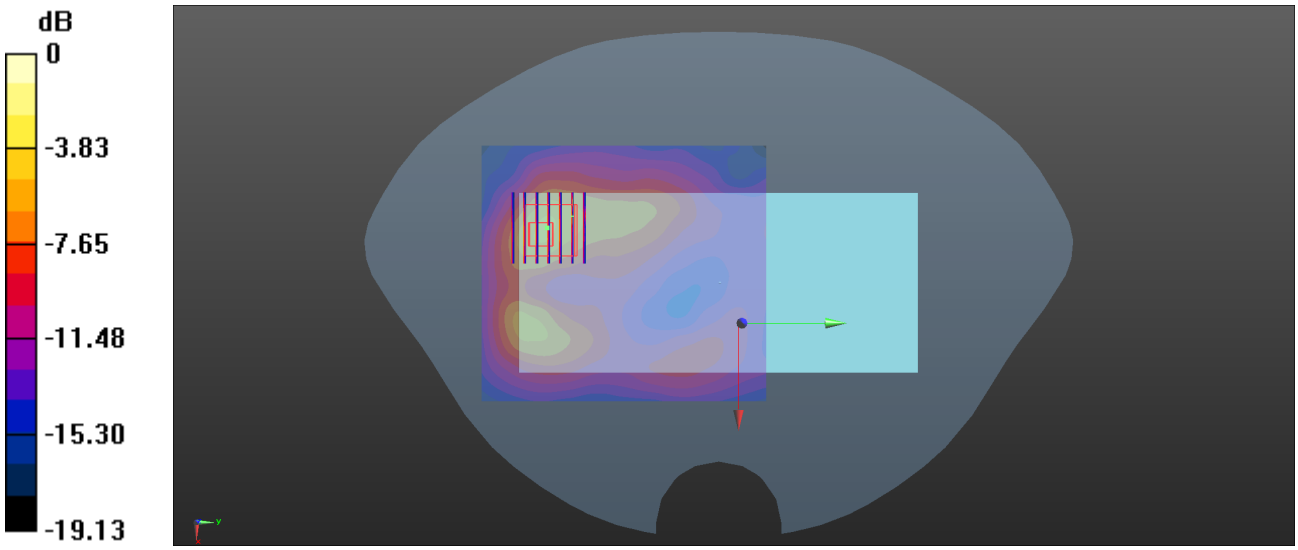
LTE Band 40_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch39200_Ant 3

Communication System: UID 0, LTE (0); Frequency: 2390 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2390 MHz; σ = 1.729 S/m; ε_r = 38.909; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.85, 7.85, 7.85) @ 2390 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch39200/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.282 W/kg

Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.279 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.833 W/kg
SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.13

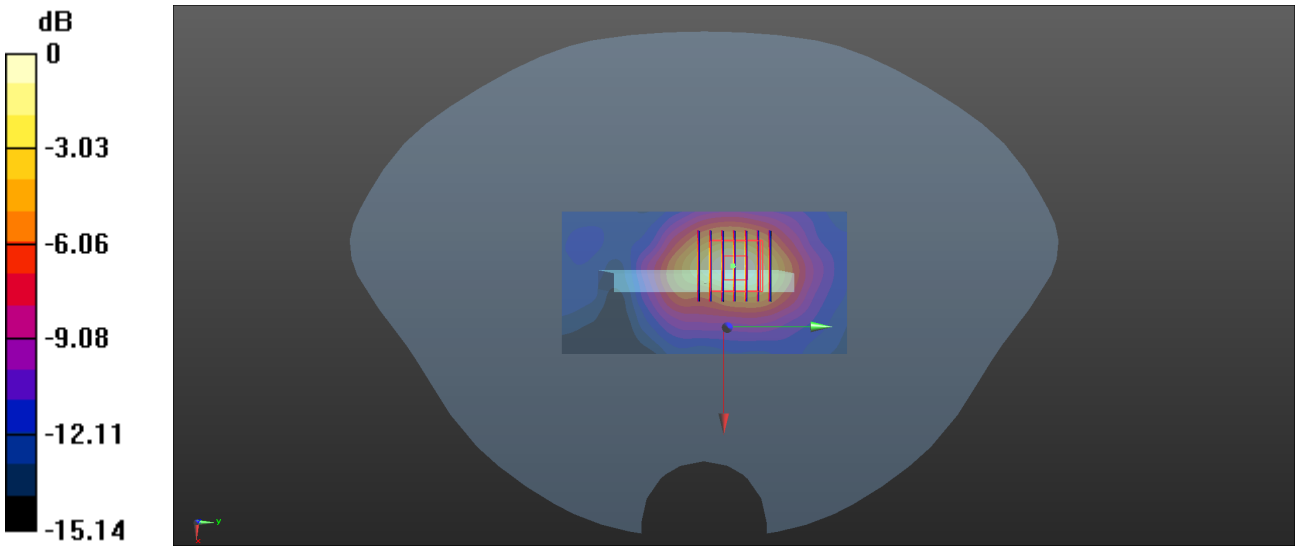
LTE Band 40_10MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch39200_Ant 3

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

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.85, 7.85, 7.85) @ 2390 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch39200/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.578 W/kg

Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.96 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.591 W/kg



0 dB = 0.591 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.20

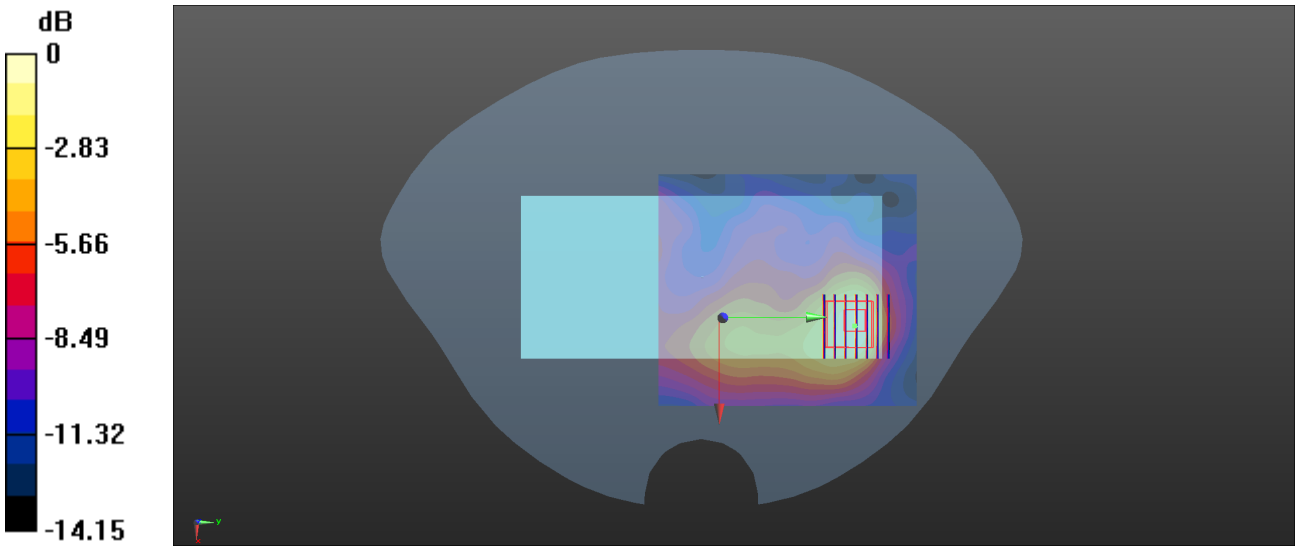
LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40620_Ant 2

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2593 MHz; σ = 1.973 S/m; ε_r = 38.214; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2593 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch40620/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.366 W/kg

Ch40620/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.928 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.453 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

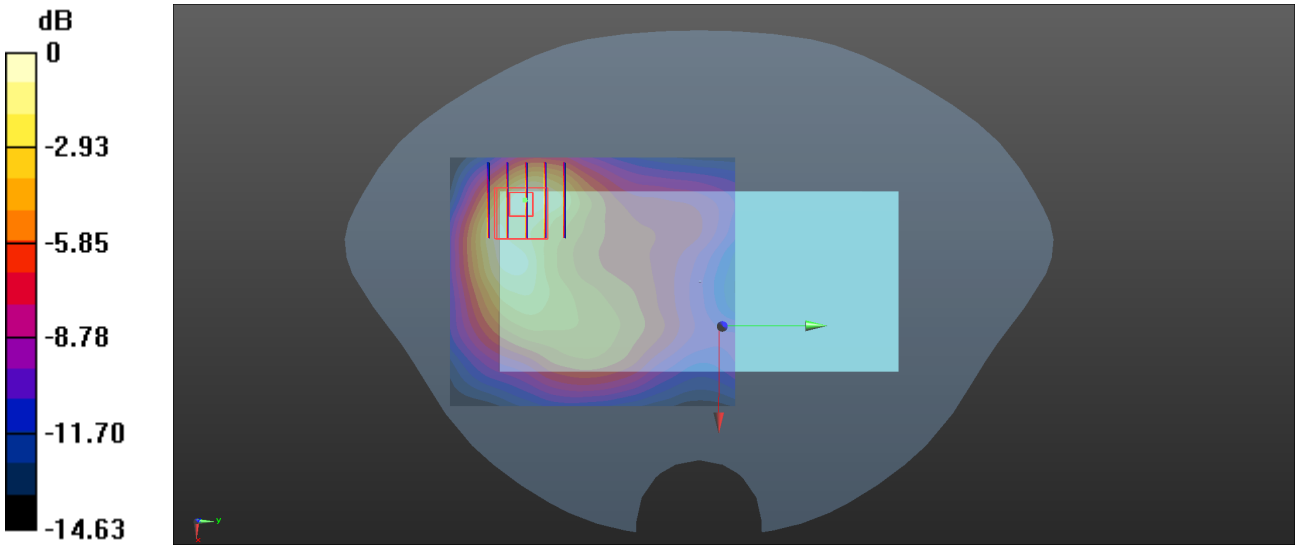
LTE Band 66_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch132322_Ant 3

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

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1732.6 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.547 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.835 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.186 W/Kg
Maximum value of SAR (measured) = 0.521 W/kg



0 dB = 0.521 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.5.15

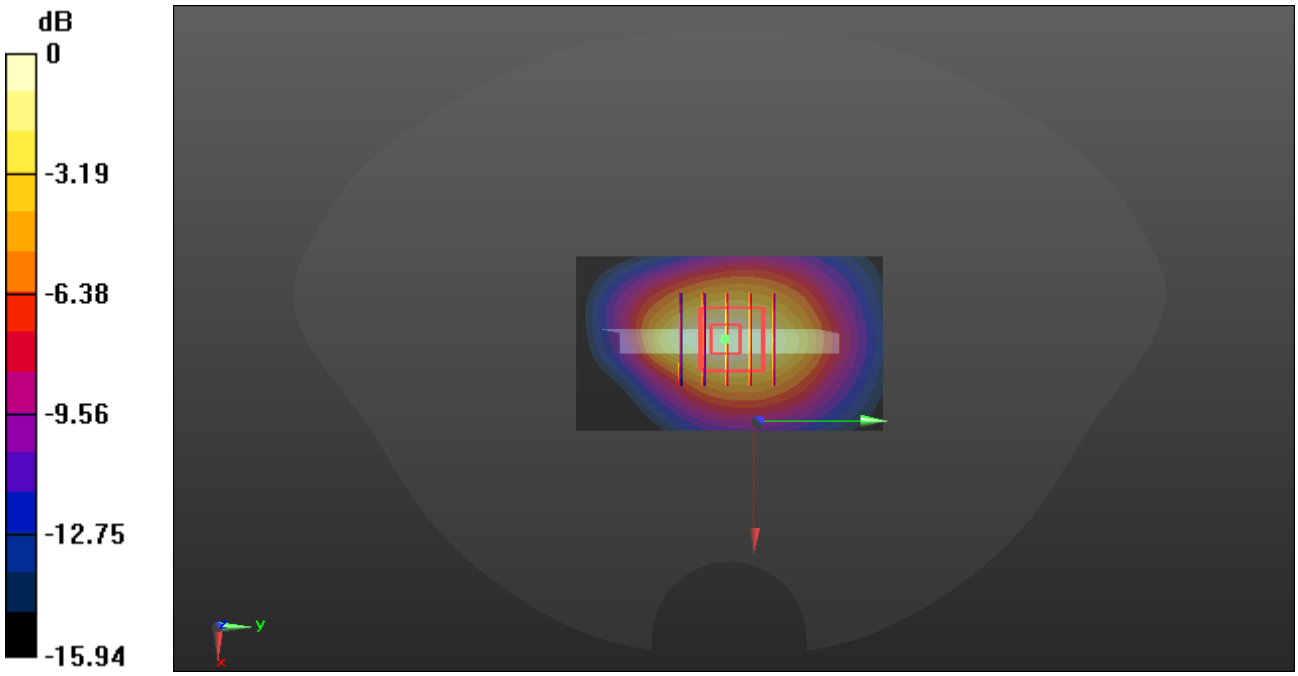
LTE Band 66_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch132322_Ant 3

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1745 MHz; σ = 1.382 S/m; ε_r = 41.164; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch132322/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.832 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.29 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 0.782 W/kg



0 dB = 0.782 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.22

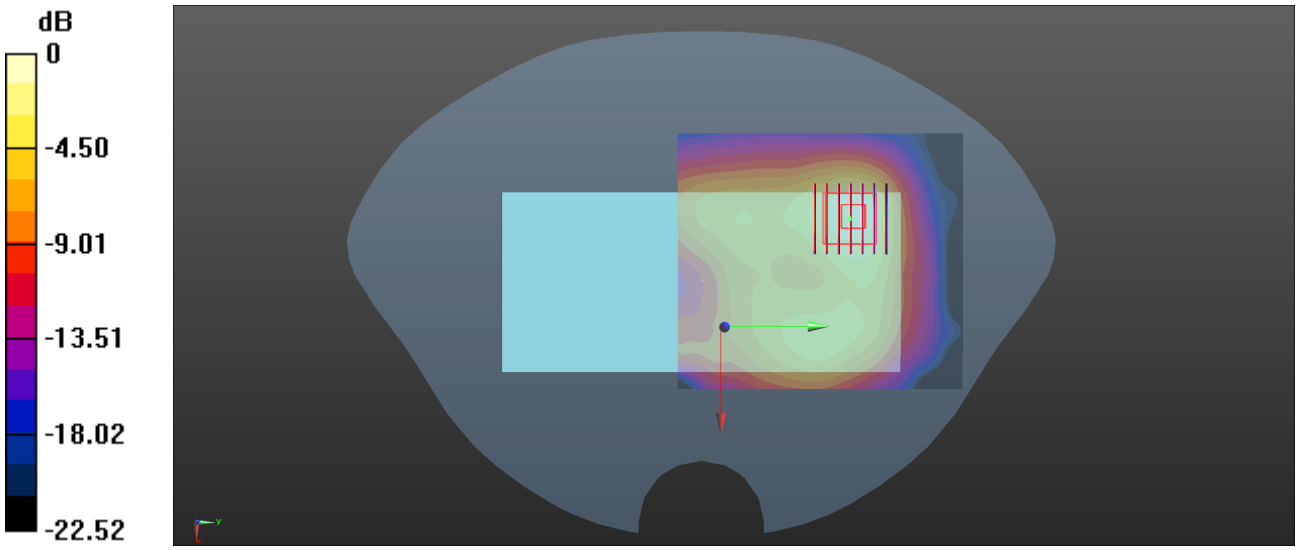
WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium: HSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.826 S/m; ε_r = 38.806; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2462 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch11/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.252 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.485 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.251 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.22

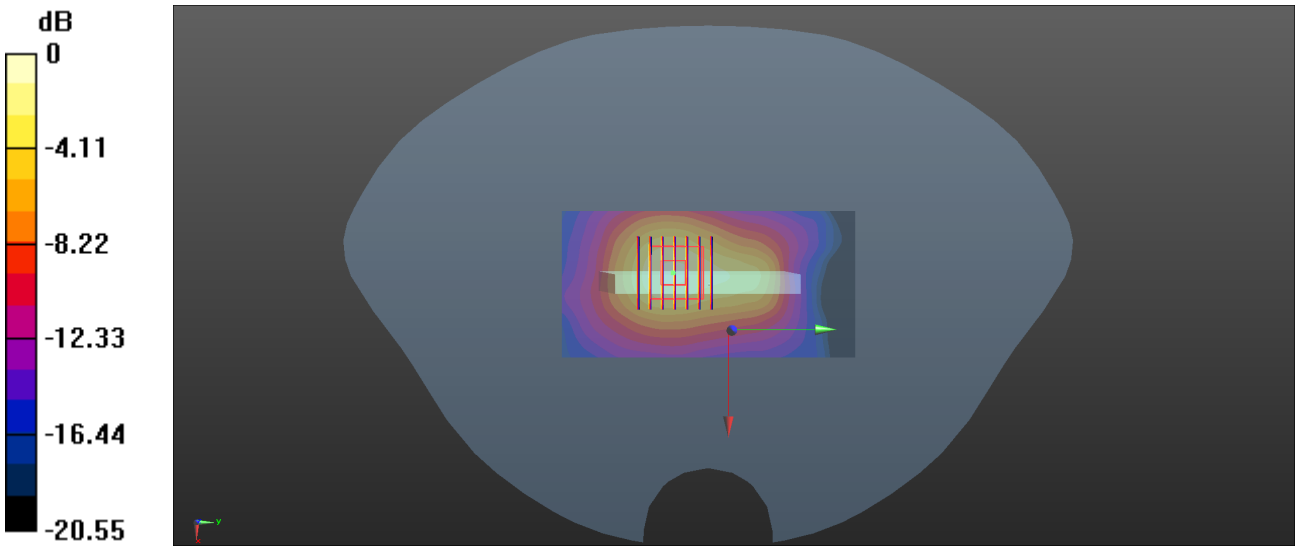
WLAN 2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium: HSL_2450 Medium parameters used: f = 2462 MHz; σ = 1.826 S/m; ε_r = 38.806; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2462 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch11/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.308 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.24 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.25

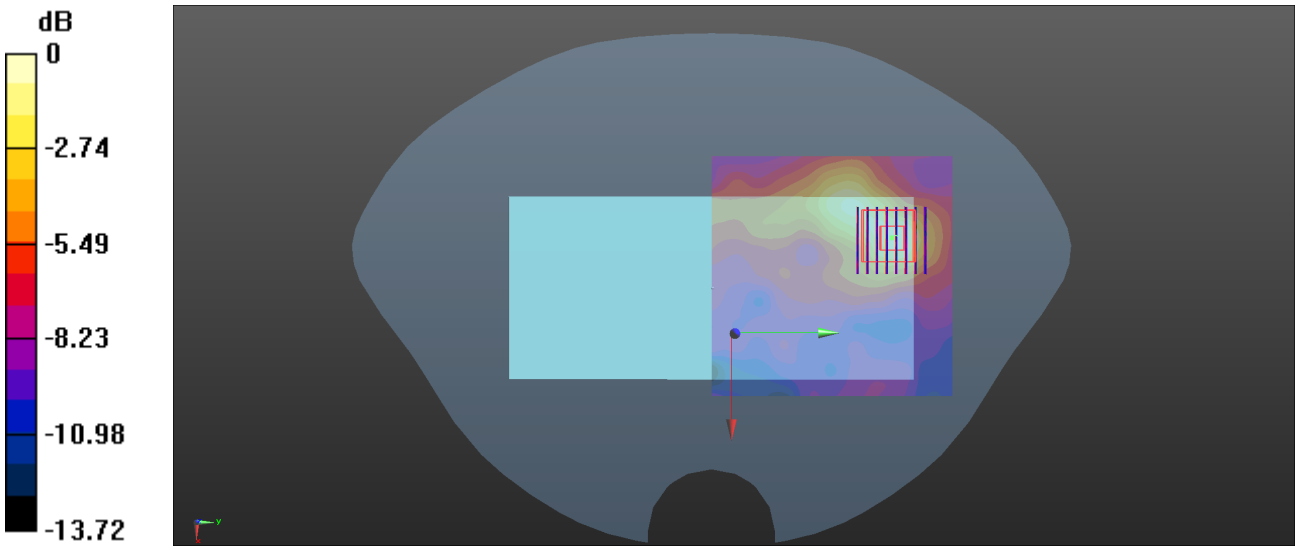
WLAN 5.2GHz_802.11ac-VHT20 MCS0_Back Side_10mm_Ch48

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz;Duty Cycle: 1:1.05
Medium: HSL_5250 Medium parameters used: f = 5240 MHz; σ = 4.685 S/m; ε_r = 36.07; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5240 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch48/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.434 W/kg

Ch48/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.507 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.972 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.129 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: 2023.4.25

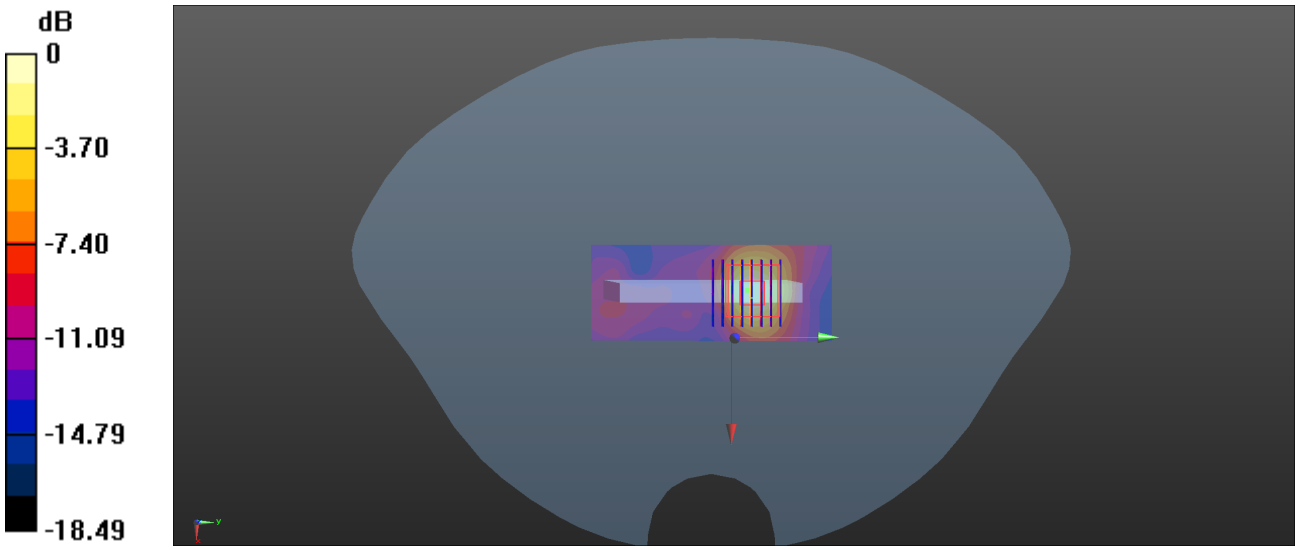
WLAN 5.2GHz_802.11ac-VHT20 MCS0_Top Side_10mm_Ch36

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5180 MHz;Duty Cycle: 1:1.05
Medium: HSL_5250 Medium parameters used: f = 5180 MHz; σ = 4.621 S/m; ε_r = 36.166; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5240 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch36/Area Scan (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch36/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.494 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.25

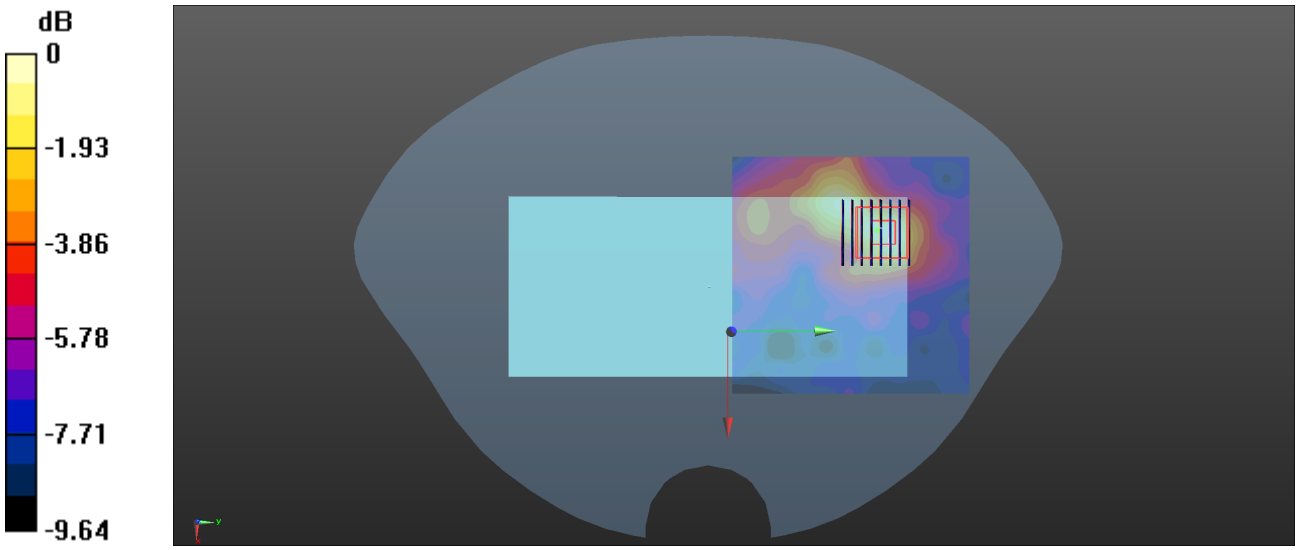
WLAN 5.3GHz_802.11ac-VHT20 MCS0_Back Side_10mm_Ch60

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz;Duty Cycle: 1:1.05
Medium: HSL_5250 Medium parameters used: f = 5300 MHz; σ = 4.76 S/m; ε_r = 35.987; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5300 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch60/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.429 W/kg

Ch60/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.003 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.902 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.434 W/kg



0 dB = 0.434 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.27

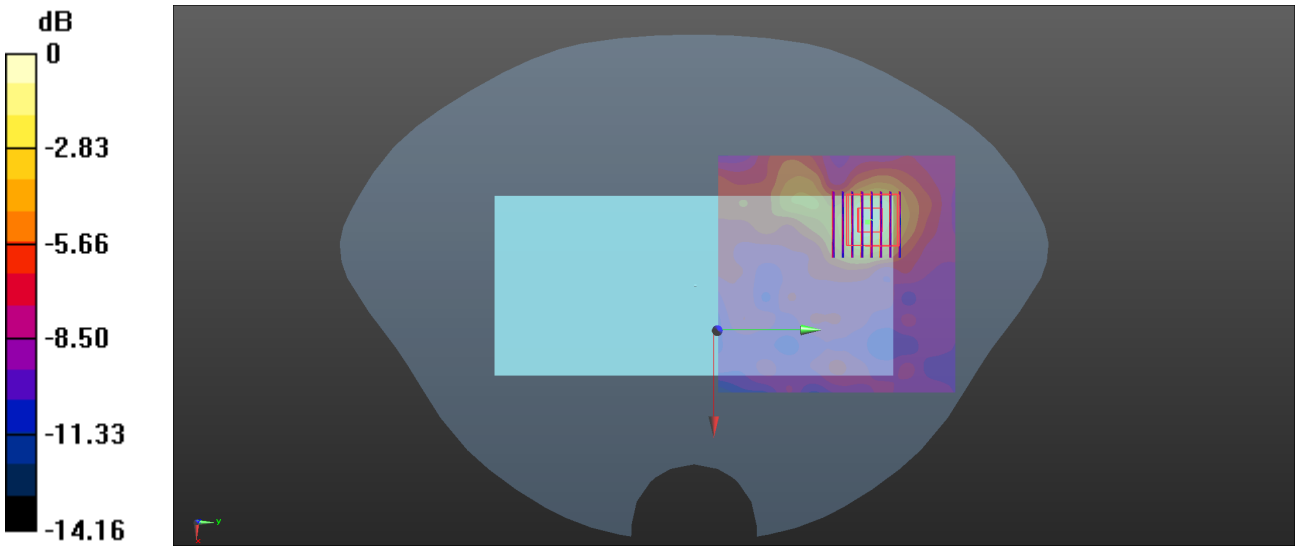
WLAN 5.5GHz_802.11n-HT20 MCS0_Back Side_10mm_Ch120

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5600 MHz;Duty Cycle: 1:1.051
Medium: HSL_5600 Medium parameters used: f = 5600 MHz; σ = 5.125 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5700 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch120/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.564 W/kg

Ch120/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.562 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.150 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: 2023.4.29

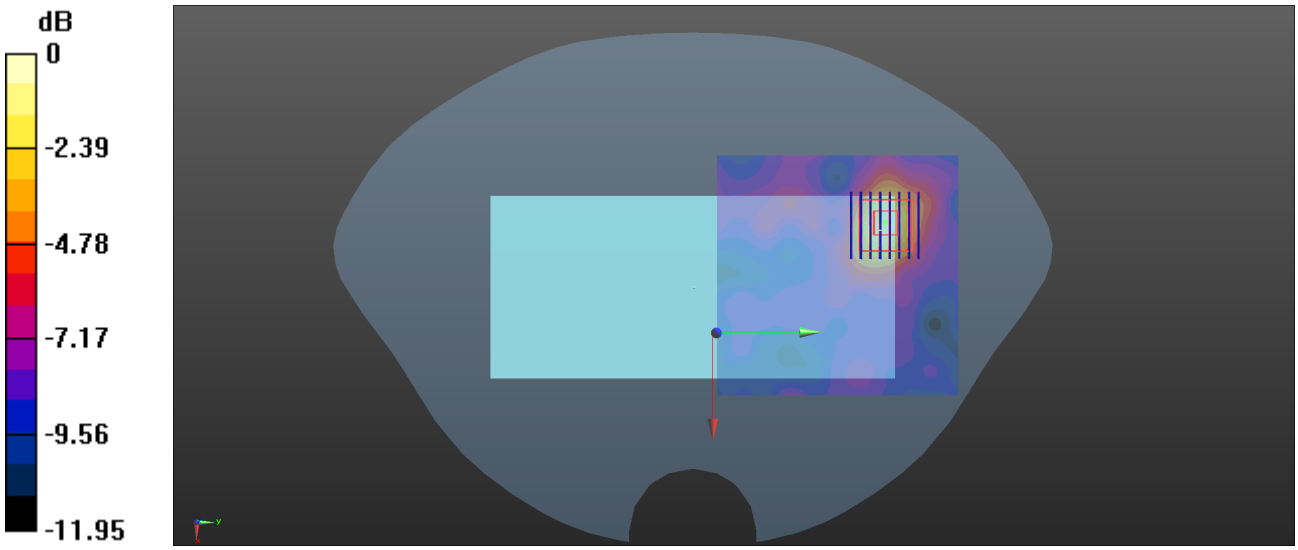
WLAN 5.8GHz_802.11ac-VHT20 MCS0_Back Side_10mm_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1.05
Medium: HSL_5750 Medium parameters used: f = 5745 MHz; σ = 5.291 S/m; ε_r = 35.168; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.87, 4.87, 4.87) @ 5785 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch149/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.642 W/kg

Ch149/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.907 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.4.29

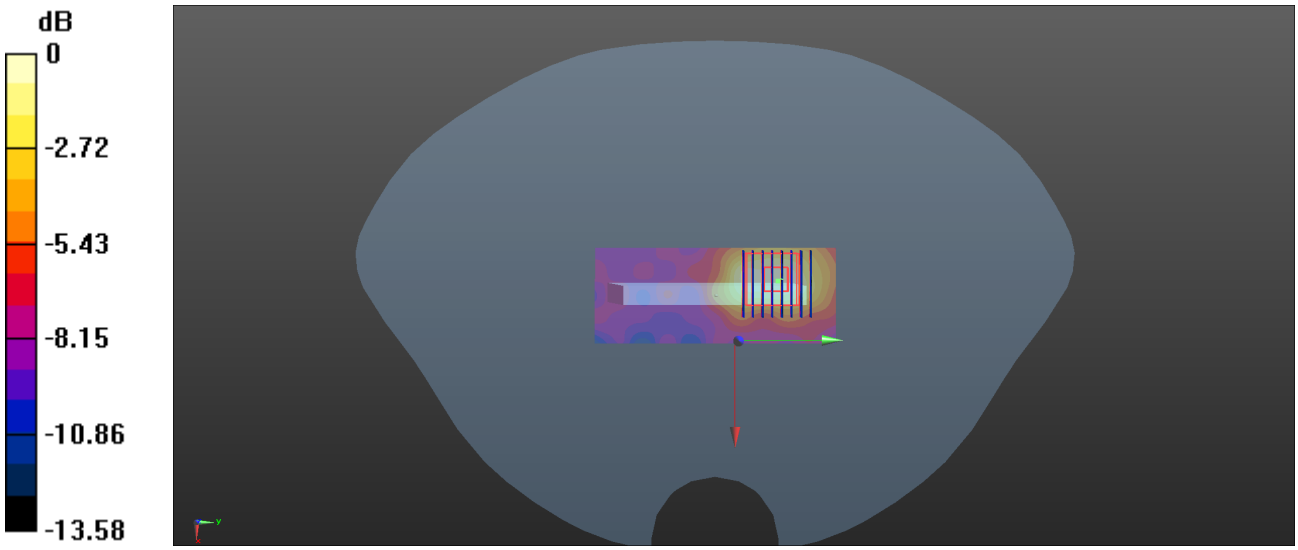
WLAN 5.8GHz_802.11ac-VHT20 MCS0_Top Side_10mm_Ch157

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5785 MHz;Duty Cycle: 1:1.05
Medium: HSL_5750 Medium parameters used: f = 5785 MHz; σ = 5.333 S/m; ε_r = 35.097; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.87, 4.87, 4.87) @ 5785 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch157/Area Scan (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Ch157/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.167 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.287 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: 2023.4.22

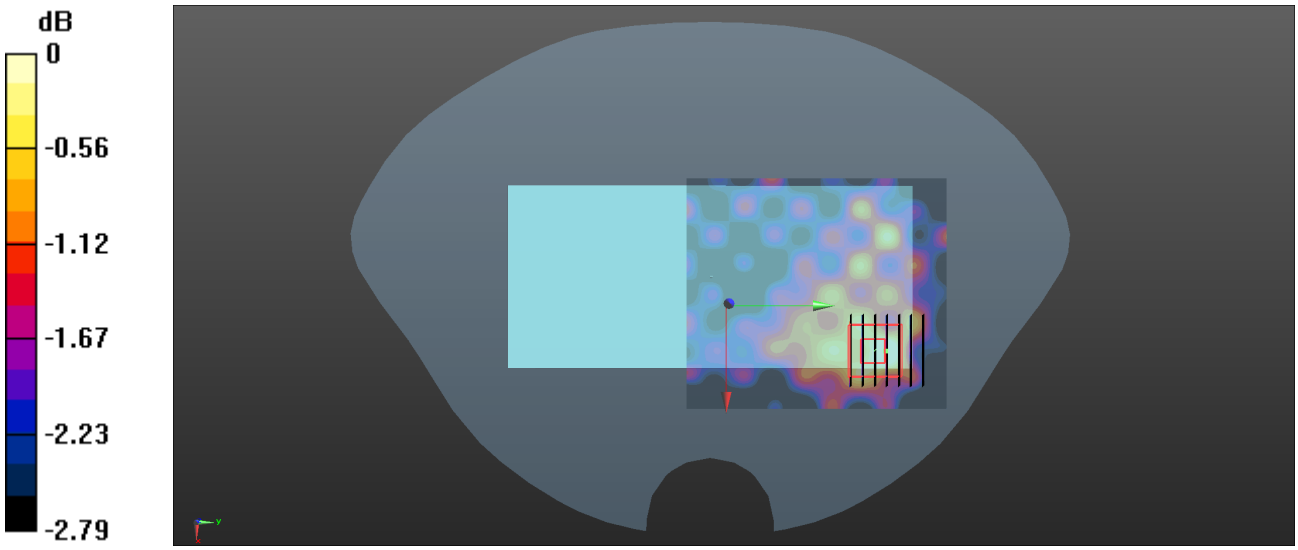
Bluetooth_DH5_Front Side_10mm_Ch0

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

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2402 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch0/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0616 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.341 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.0545 W/kg



0 dB = 0.0545 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.22

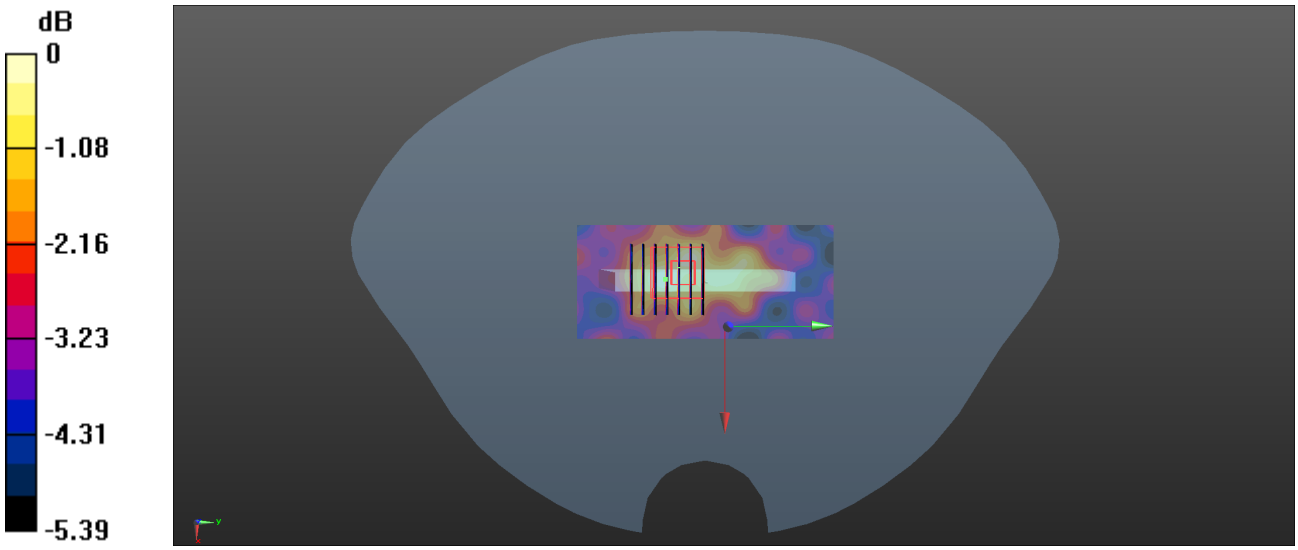
Bluetooth_DH5_Top Side_10mm_Ch0

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

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2402 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch0/Area Scan (41x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0629 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.484 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0634 W/kg



0 dB = 0.0634 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.25

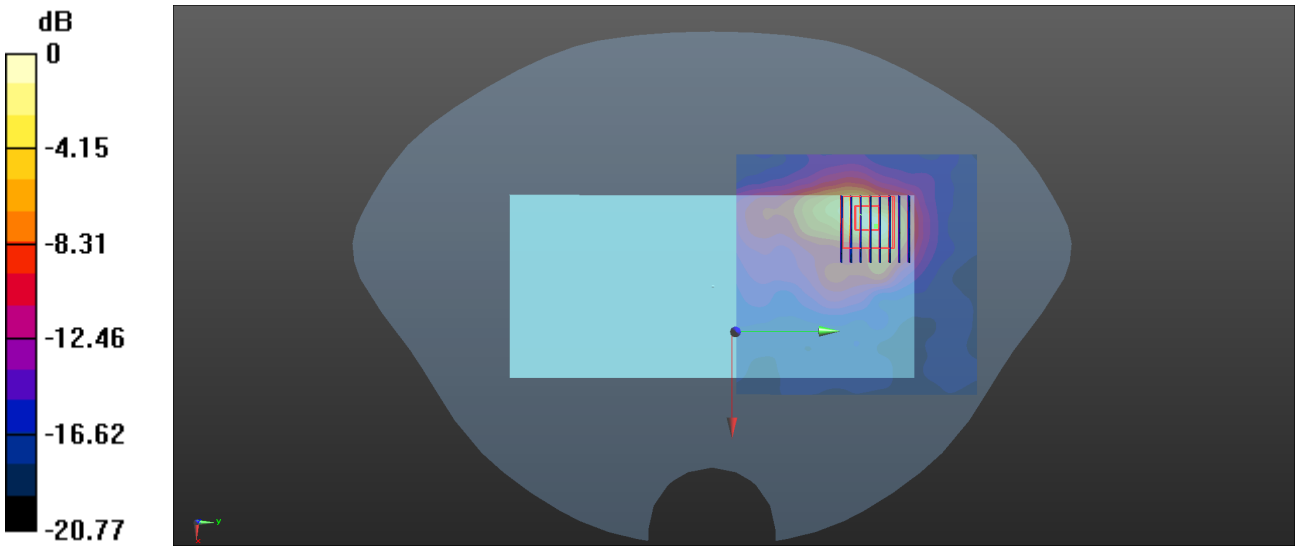
WLAN 5.3GHz_802.11ac-VHT20 MCS0_Back Side_0mm_Ch60

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz;Duty Cycle: 1:1.05
Medium: HSL_5250 Medium parameters used: f = 5300 MHz; σ = 4.76 S/m; ε_r = 35.987; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5300 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch60/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.72 W/kg

Ch60/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.014 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 8.37 W/kg
SAR(1 g) = 1.83 W/kg; SAR(10 g) = 0.578 W/kg
Maximum value of SAR (measured) = 3.65 W/kg



0 dB = 3.65 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.04.27

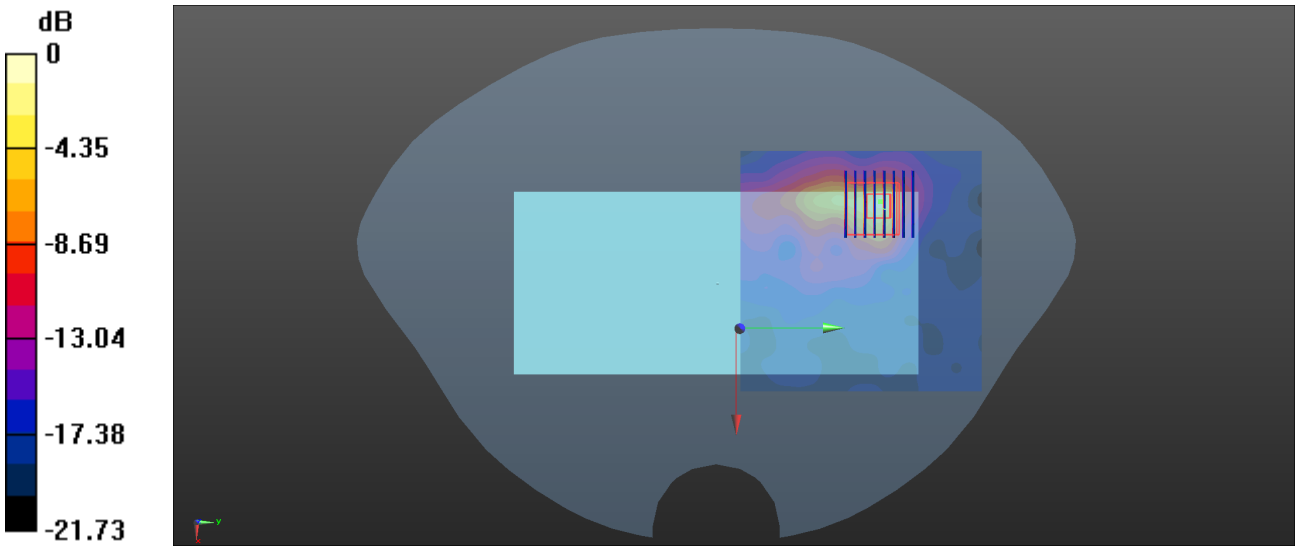
WLAN 5.5GHz_802.11n-HT20 MCS0_Back Side_0mm_Ch120

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5600 MHz;Duty Cycle: 1:1.051
Medium: HSL_5600 Medium parameters used: f = 5600 MHz; σ = 5.125 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2023.3.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2022.6.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch120/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.77 W/kg

Ch120/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.181 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 12.8 W/kg
SAR(1 g) = 1.99 W/kg; SAR(10 g) = 0.542 W/kg
Maximum value of SAR (measured) = 4.56 W/kg



0 dB = 4.56 W/kg

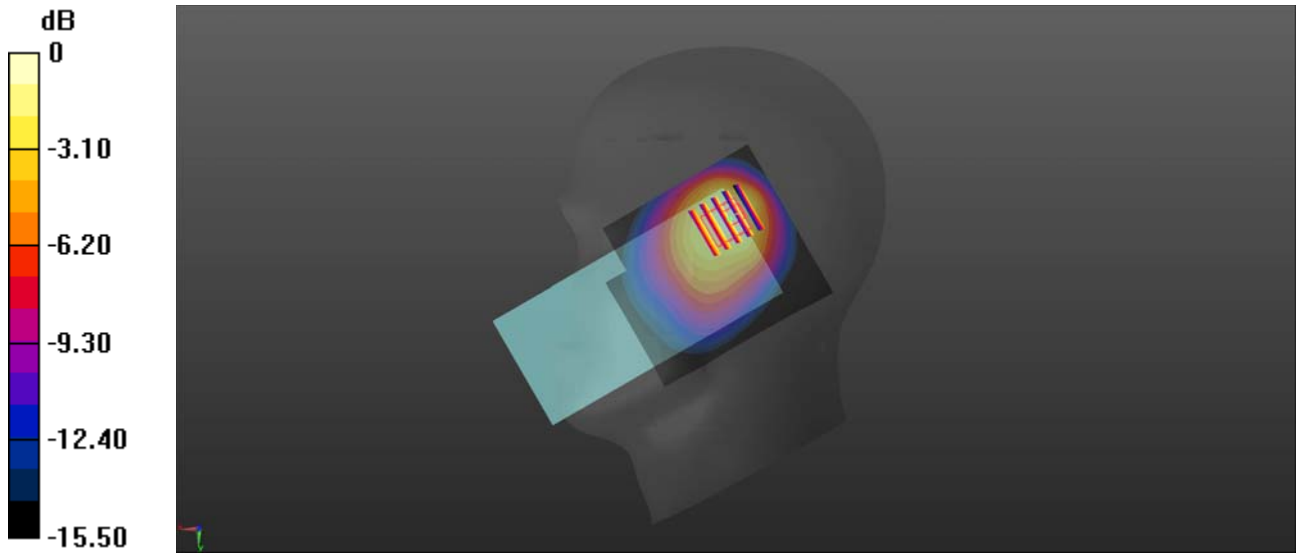
WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.4 MHz; σ = 0.916 S/m; ε_r = 43.014; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.7 ℃

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) = 0.957 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.91 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 0.990 W/kg



0 dB = 0.990 W/kg

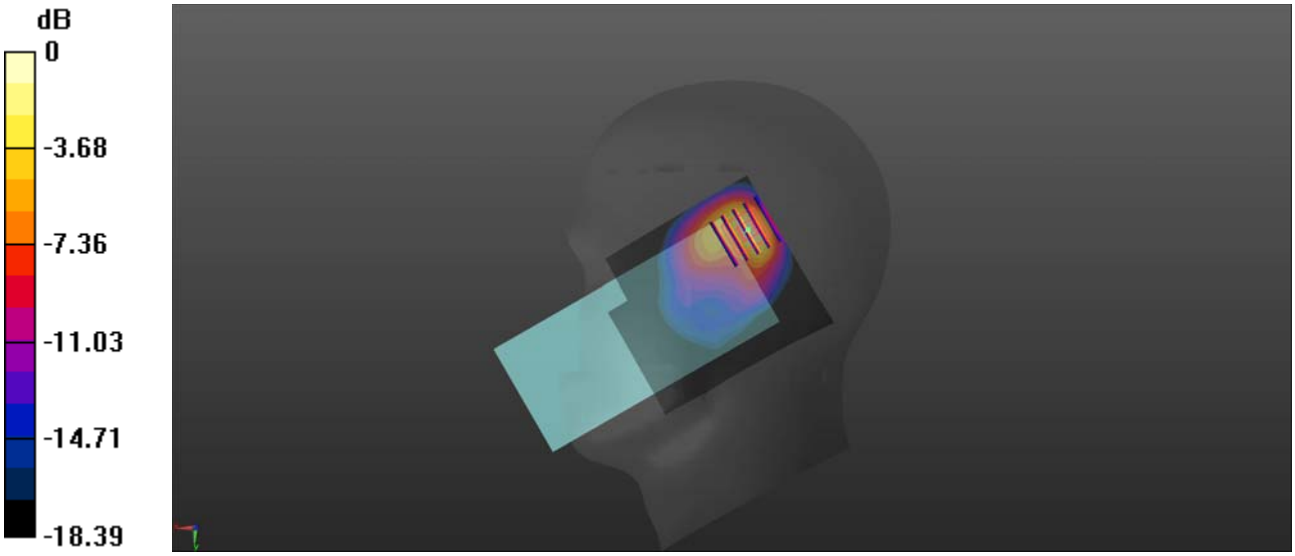
LTE Band 2_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.521 S/m; ε_r = 39.382; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch18900/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.806 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.477 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.812 W/kg



0 dB = 0.812 W/kg

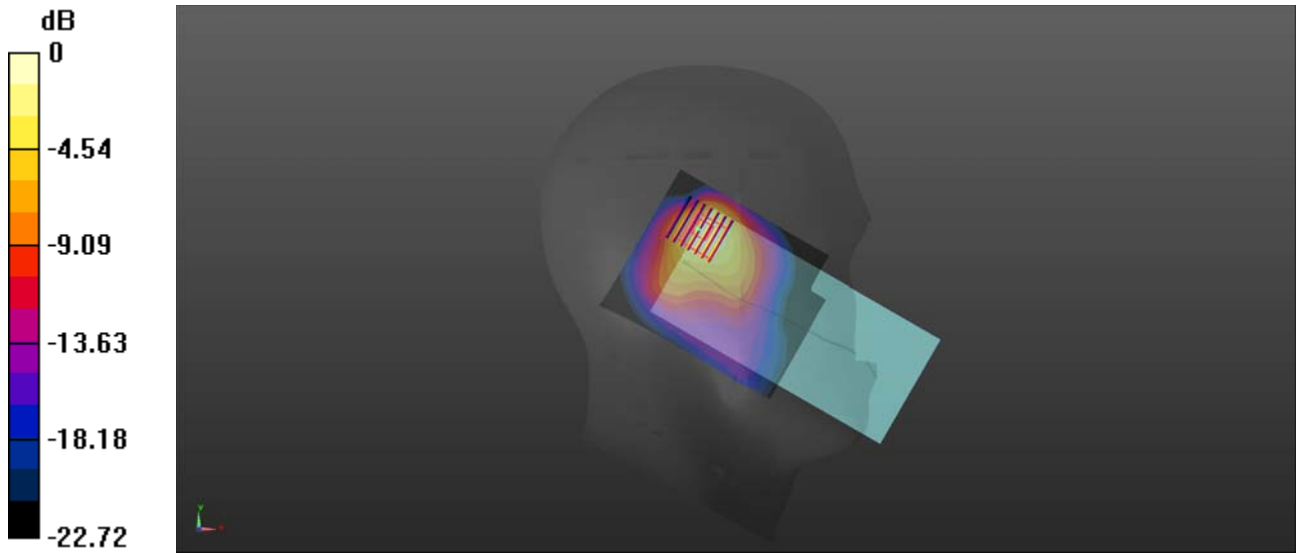
WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1.005
Medium: HSL_2450 Medium parameters used: f = 2437 MHz; σ = 1.802 S/m; ε_r = 38.902; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

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 (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.25 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.362 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg