Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

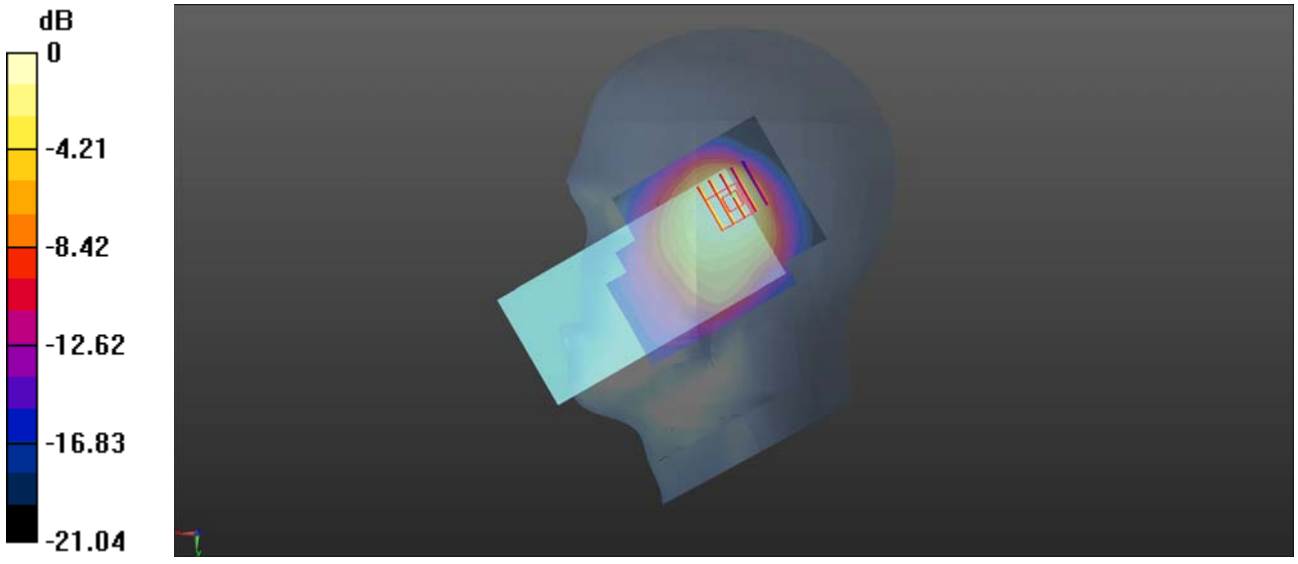
GSM850_GPRS(4 TX slots)_Right Cheek_Ch128_Ant 1

Communication System: UID 0, GSM850(class 12) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_900 Medium parameters used: f = 824.2 MHz; σ = 0.924 S/m; ε_r = 42.769; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 824.2 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)

Ch128/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.83 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.371 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%
Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.826 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

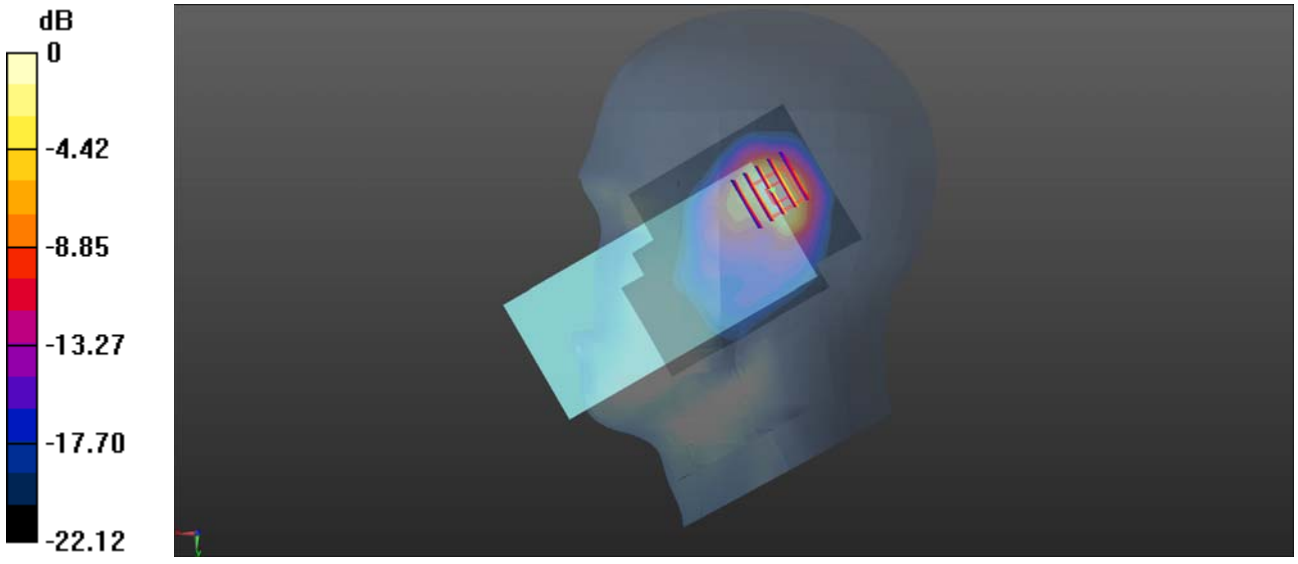
GSM1900_GPRS(4 TX slots)_Right Cheek_Ch810_Ant 1

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_2000 Medium parameters used: f = 1910 MHz; σ = 1.381 S/m; ε_r = 39.997; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.64 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.02 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.365 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 46%
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

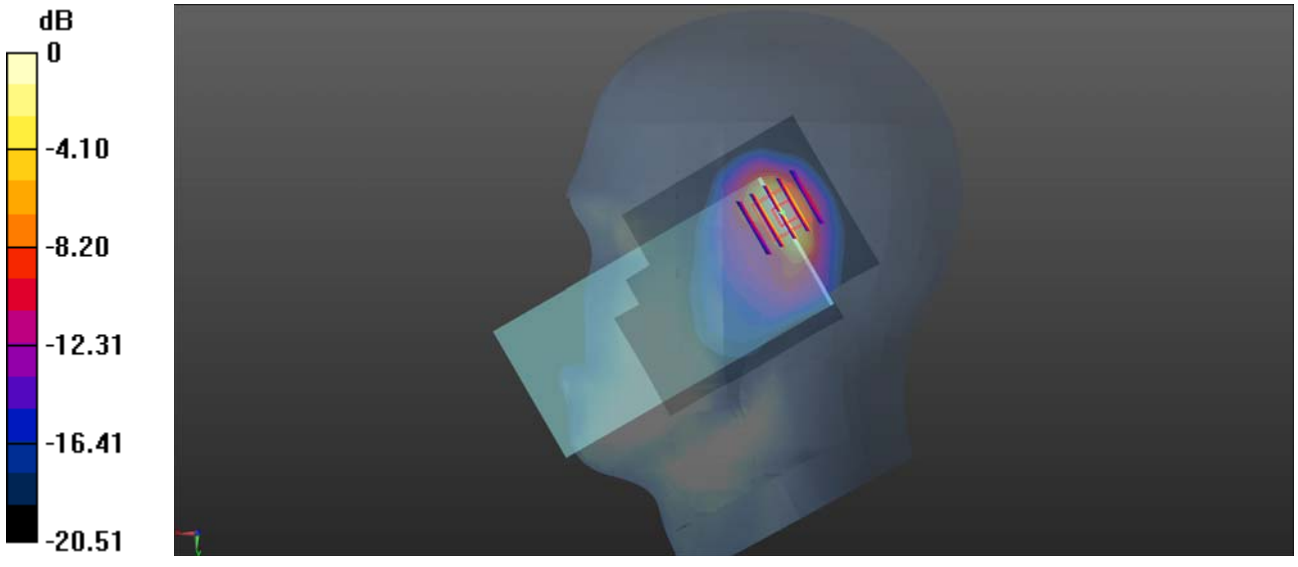
WCDMA Band II_RMC 12.2Kbps_Right Tilt_Ch9400_Ant 1

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 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：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1880 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.59 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.281 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

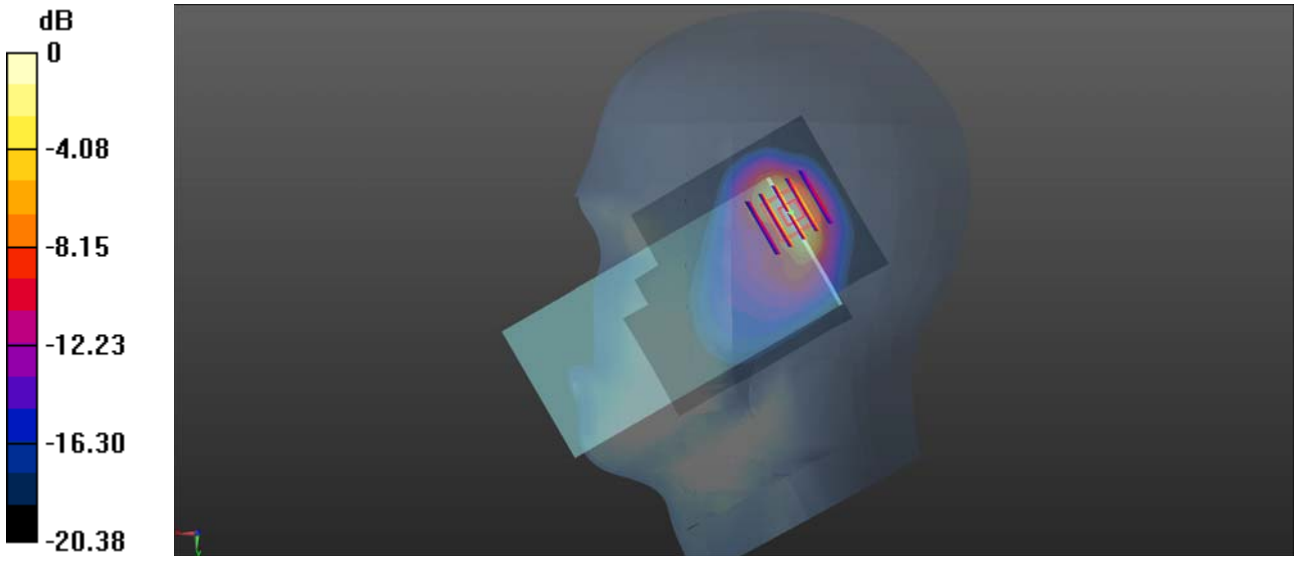
WCDMA Band IV_RMC 12.2Kbps_Right Tilt_Ch1413_Ant 1

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 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1732.6 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)

Ch1413/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.81 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.370 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.9%
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

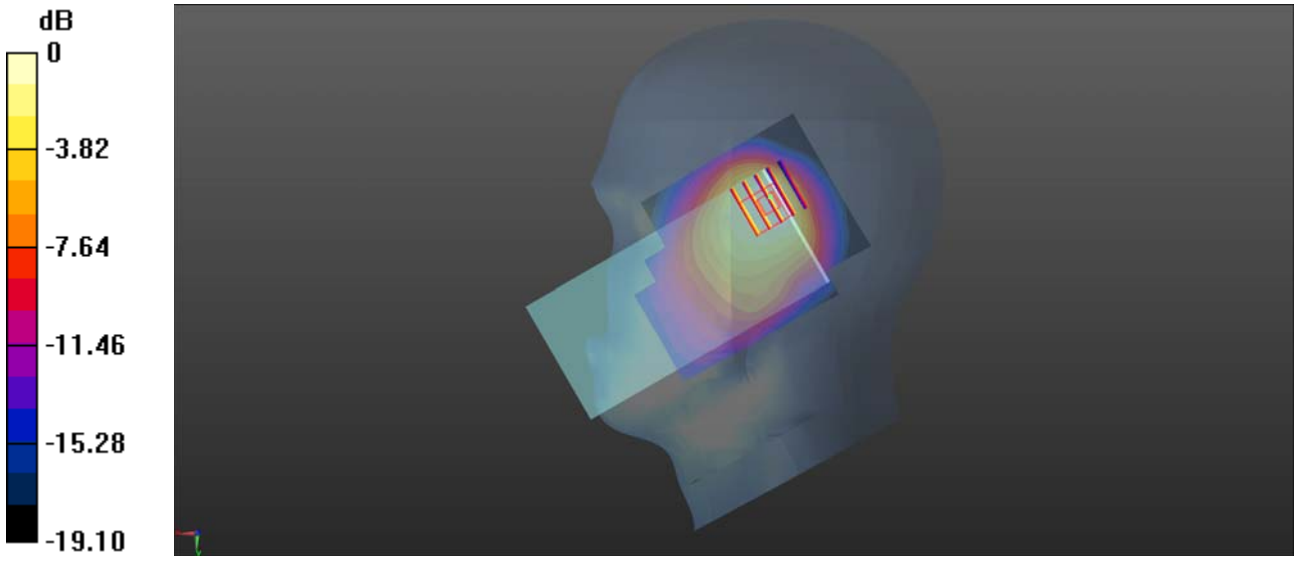
WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4233_Ant 1

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 847 MHz; σ = 0.959 S/m; ε_r = 43.168; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 846.6 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)

Ch4233/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.935 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.36 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.999 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.324 W/kg
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 55%
Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.715 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

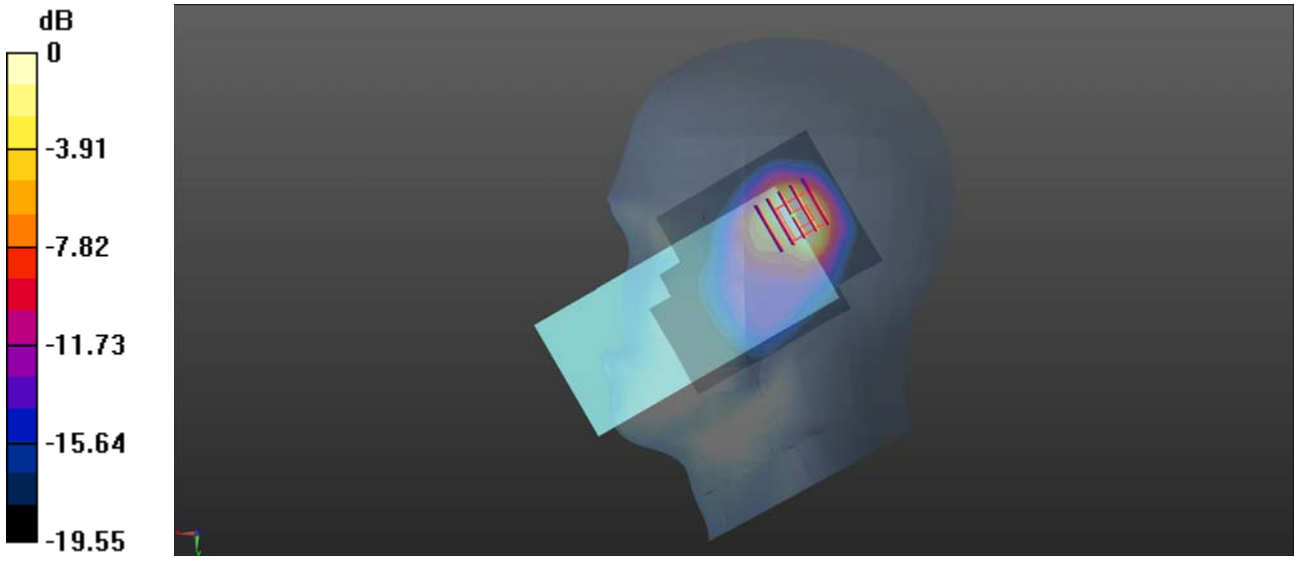
LTE Band 4_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch20175_Ant 1

Communication System: UID 0, LTE (0); Frequency: 1732.5 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 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1732.5 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)

Ch20175/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.15 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.331 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 50%
Maximum value of SAR (measured) = 0.963 W/kg



0 dB = 0.963 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

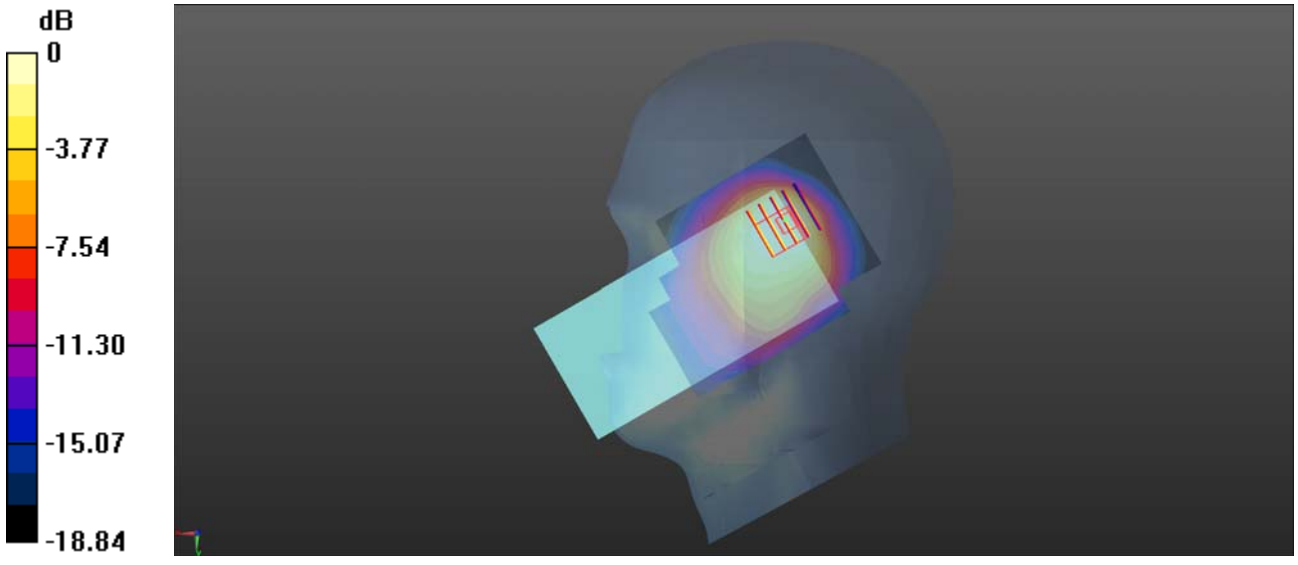
LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20600_Ant 1

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 844 MHz; σ = 0.955 S/m; ε_r = 42.936; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 844 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)

Ch20600/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.76 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.372 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 62.2%
Maximum value of SAR (measured) = 0.746 W/kg



0 dB = 0.746 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

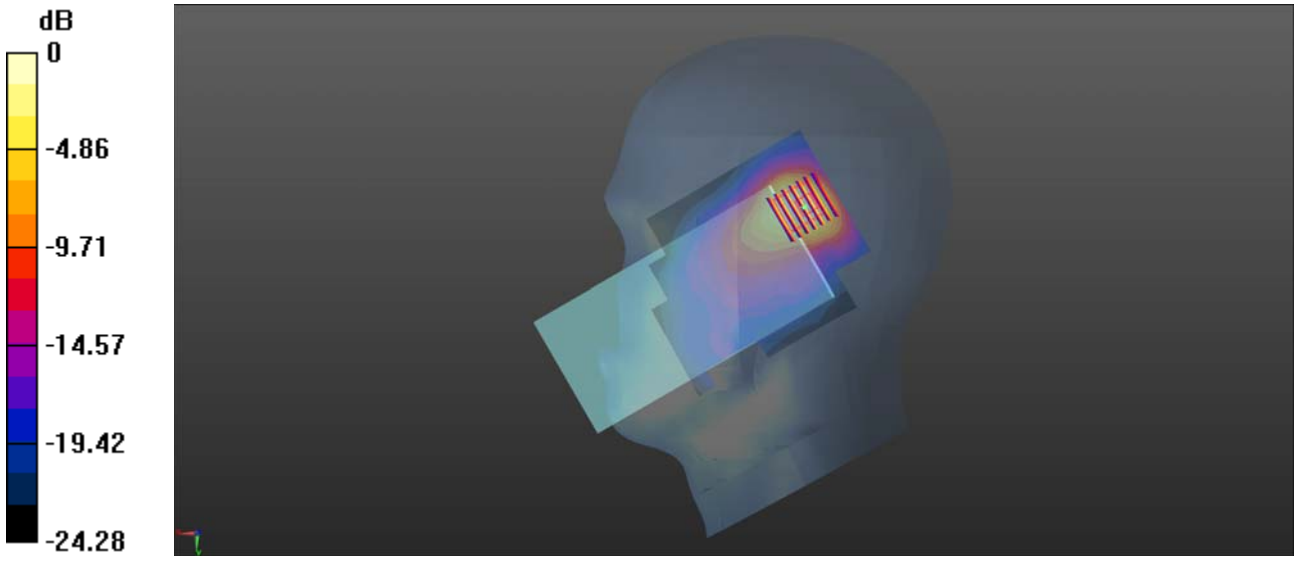
LTE Band 7_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch21350_Ant 1

Communication System: UID 0, LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2560 MHz; σ = 1.941 S/m; ε_r = 38.282; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2560 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)

Ch21350/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.566 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.363 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 37.7%
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

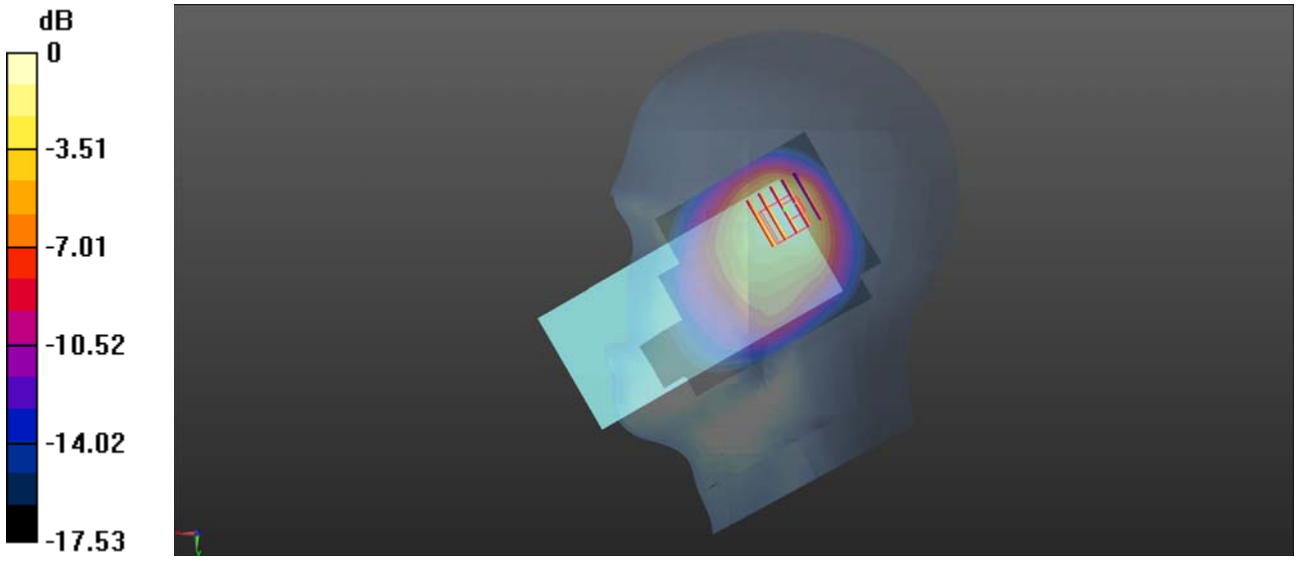
LTE Band 12_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23060_Ant 1

Communication System: UID 0, LTE (0); Frequency: 704 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 704 MHz; σ = 0.917 S/m; ε_r = 42.279; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 704 MHz; Calibrated: 2023.03.31
- 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)

Ch23060/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.774 W/kg

Ch23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.47 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.306 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 44.9%
Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.748 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

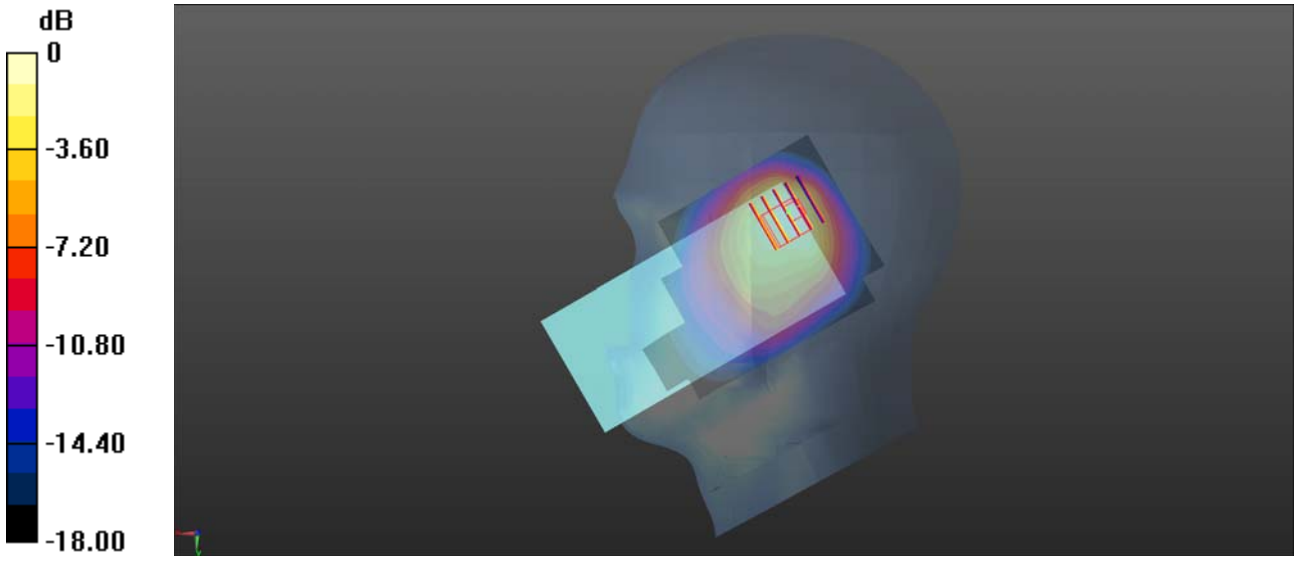
LTE Band 13_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23230_Ant 1

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 - SN7624; ConvF(10.43, 10.43, 10.43) @ 704 MHz; Calibrated: 2023.03.31
- 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 (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.719 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.67 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.294 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 45.3%
Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

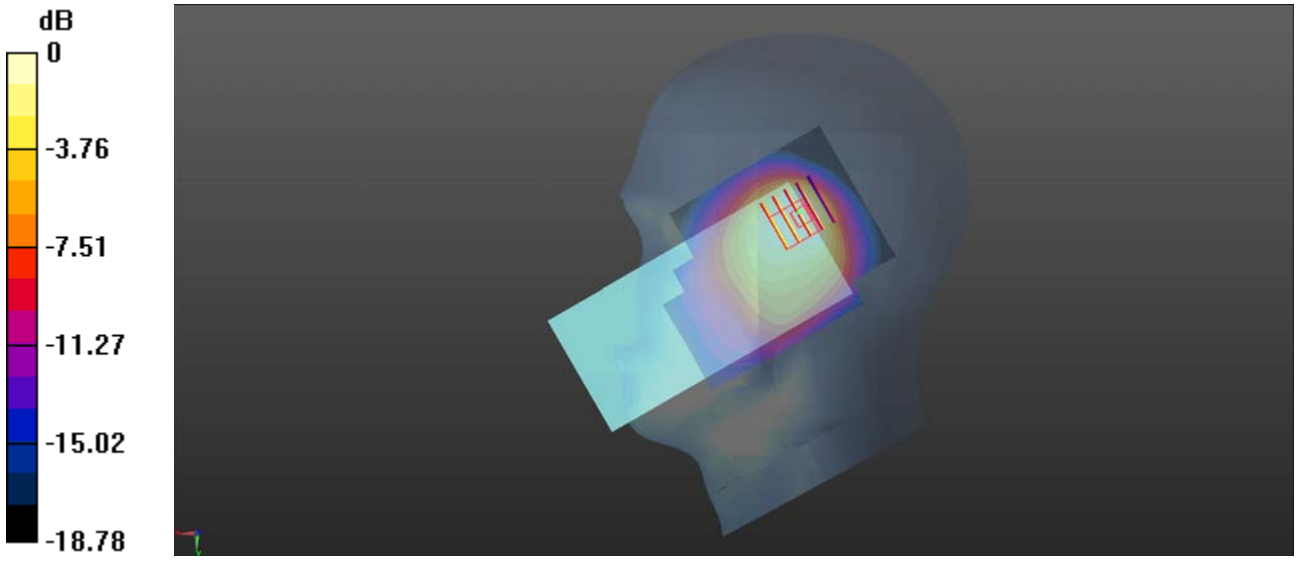
LTE Band 18_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch23925_Ant 1

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 822.5 MHz; σ = 0.922 S/m; ε_r = 42.691; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 822.5 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)

Ch23925/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.79 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.378 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 61.9%
Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

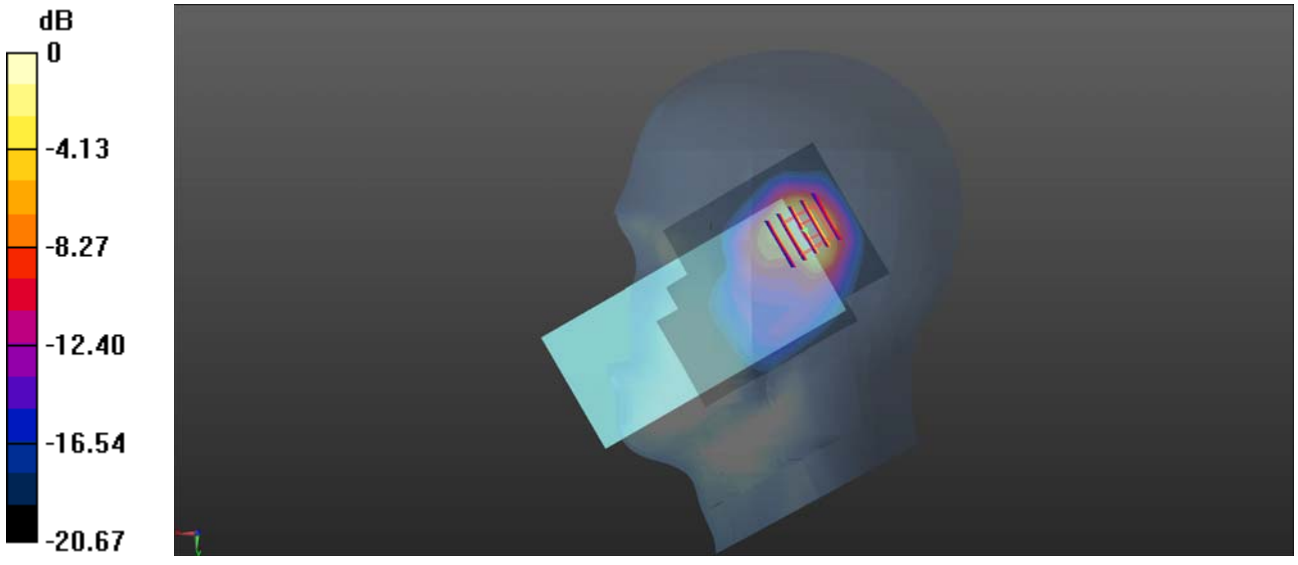
LTE Band 25_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch26365_Ant 1

Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1882.5 MHz; σ = 1.366 S/m; ε_r = 40.123; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1882.5 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)

Ch26365/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.920 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.93 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.291 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.3%
Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

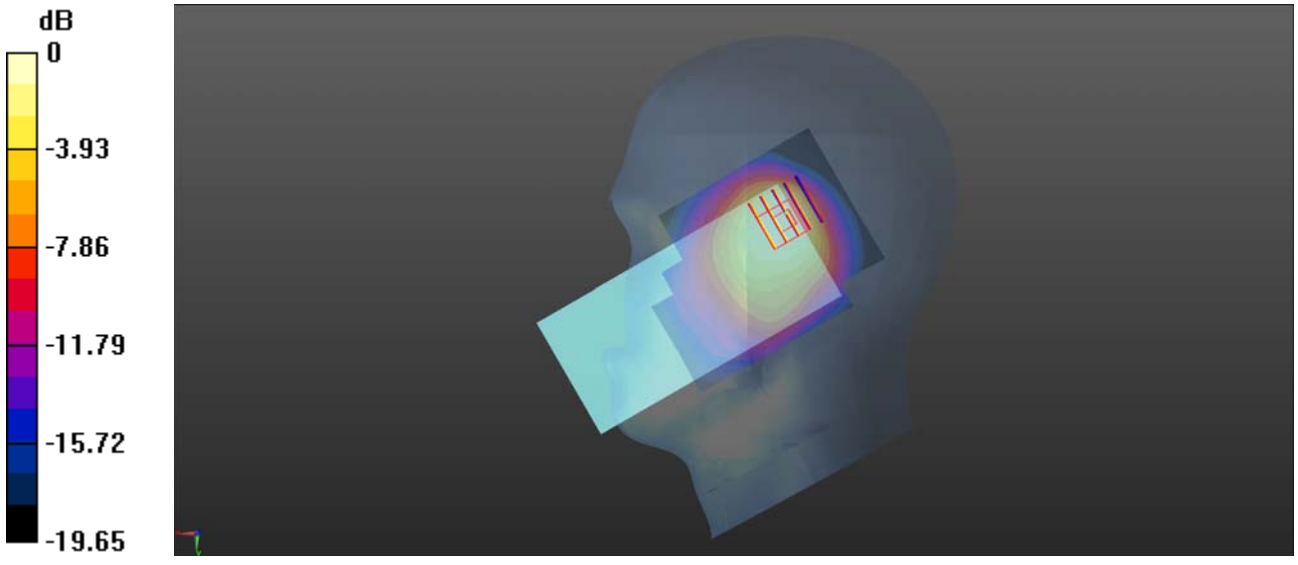
LTE Band 26_15MHz_QPSK_1RB_0Offset_Right Cheek_Ch26765_Ant 1

Communication System: UID 0, LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 821.5 MHz; σ = 0.92 S/m; ε_r = 42.686; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 821.5 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)

Ch26765/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Ch26765/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.13 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.436 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 53.8%
Maximum value of SAR (measured) = 0.967 W/kg



0 dB = 0.967 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

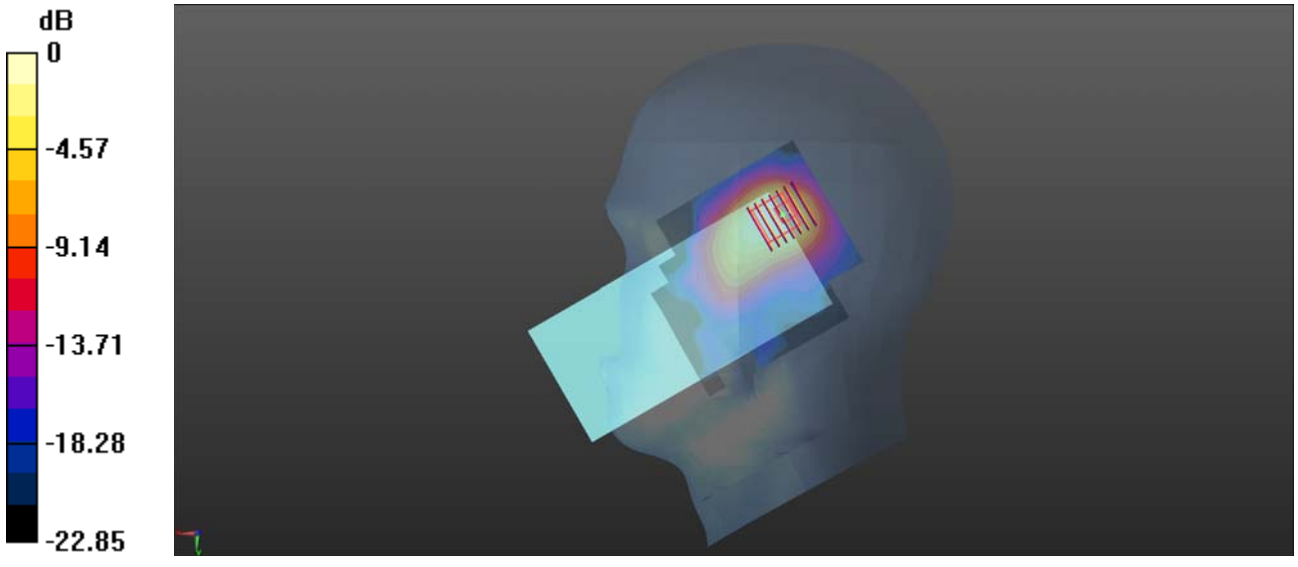
LTE Band 38_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch37850_Ant 1

Communication System: UID 0, LTE (0); Frequency: 2580 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2580 MHz; σ = 1.961 S/m; ε_r = 38.173; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2580 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)

Ch37850/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.399 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.310 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 40.3%
Maximum value of SAR (measured) = 0.993 W/kg



0 dB = 0.993 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

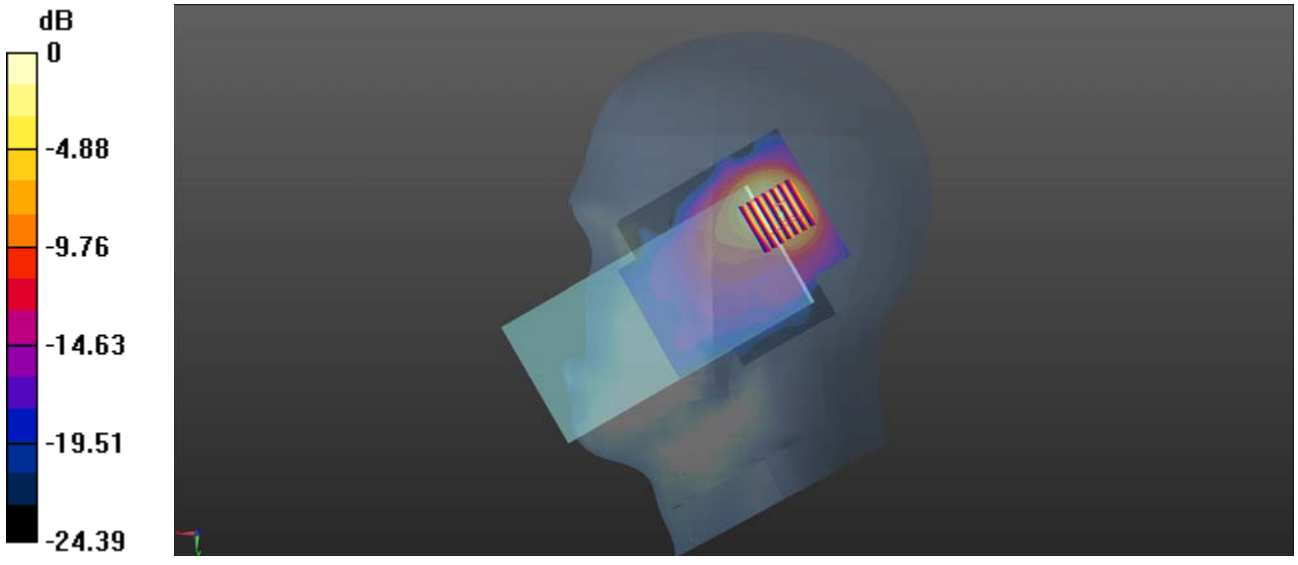
LTE Band 41_20MHz_QPSK_1RB_0Offset_Right Tilt_Ch39750_Ant 1_PC2

Communication System: UID 0, LTE (0); Frequency: 2506 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2506 MHz; σ = 1.868 S/m; ε_r = 38.341; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2510 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)

Ch39750/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.764 W/kg

Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.305 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.207 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 40.7%
Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.588 W/kg = -2.31 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.08

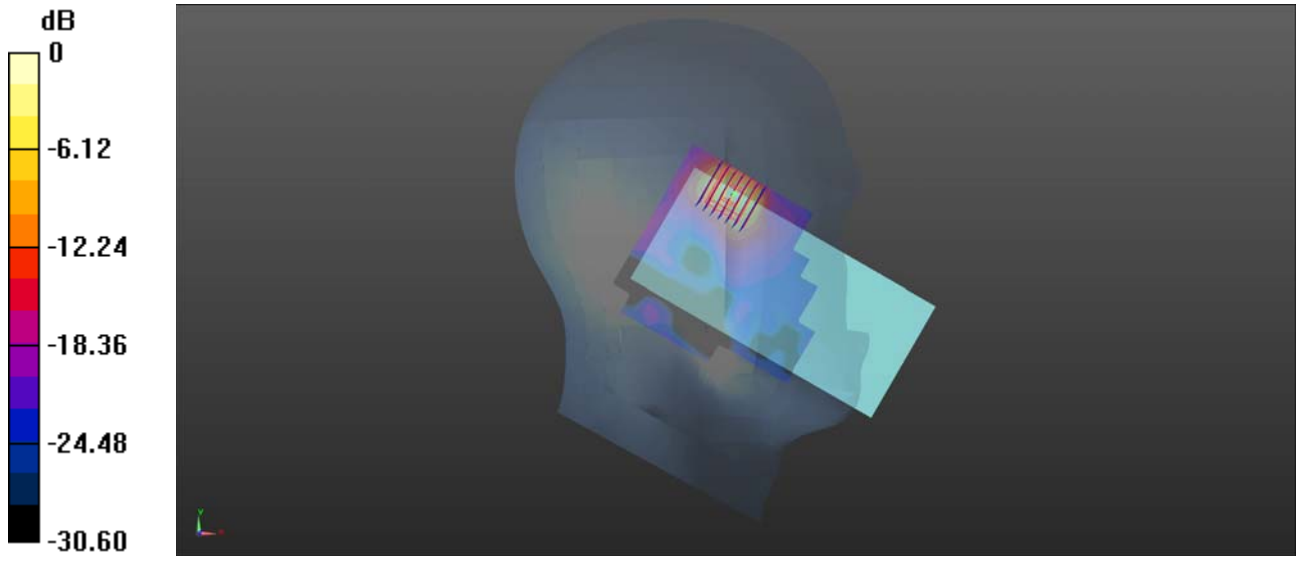
LTE Band 48_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch56640_Ant 3

Communication System: UID 0, LTE (0); Frequency: 3690 MHz;Duty Cycle: 1:1
Medium: HSL_3700 Medium parameters used: f = 3690 MHz; σ = 3.121 S/m; ε_r = 37.87; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(6.73, 6.73, 6.73) @ 3690 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)

Ch56640/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Ch56640/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.448 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.11 W/kg
SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.253 W/kg
Smallest distance from peaks to all points 3 dB below = 5 mm
Ratio of SAR at M2 to SAR at M1 = 37.3%
Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

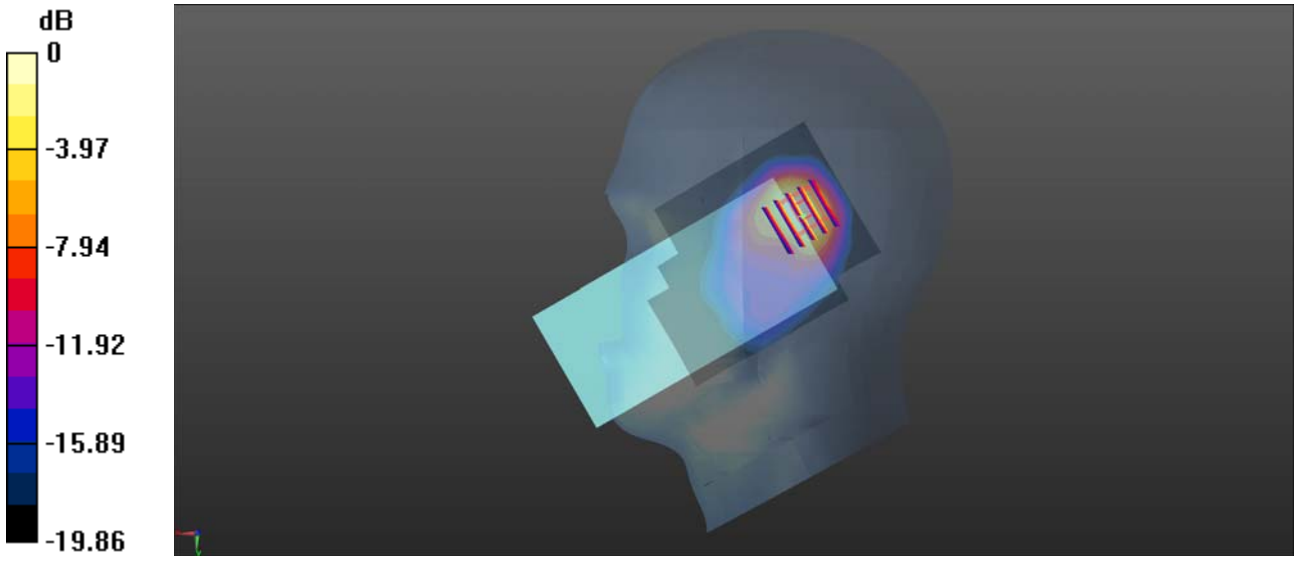
LTE Band 66_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch132072_Ant 1

Communication System: UID 0, LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1720 MHz; σ = 1.394 S/m; ε_r = 39.868; ρ = 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)

Ch132072/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.991 W/kg

Ch132072/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.83 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.315 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 47.6%
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

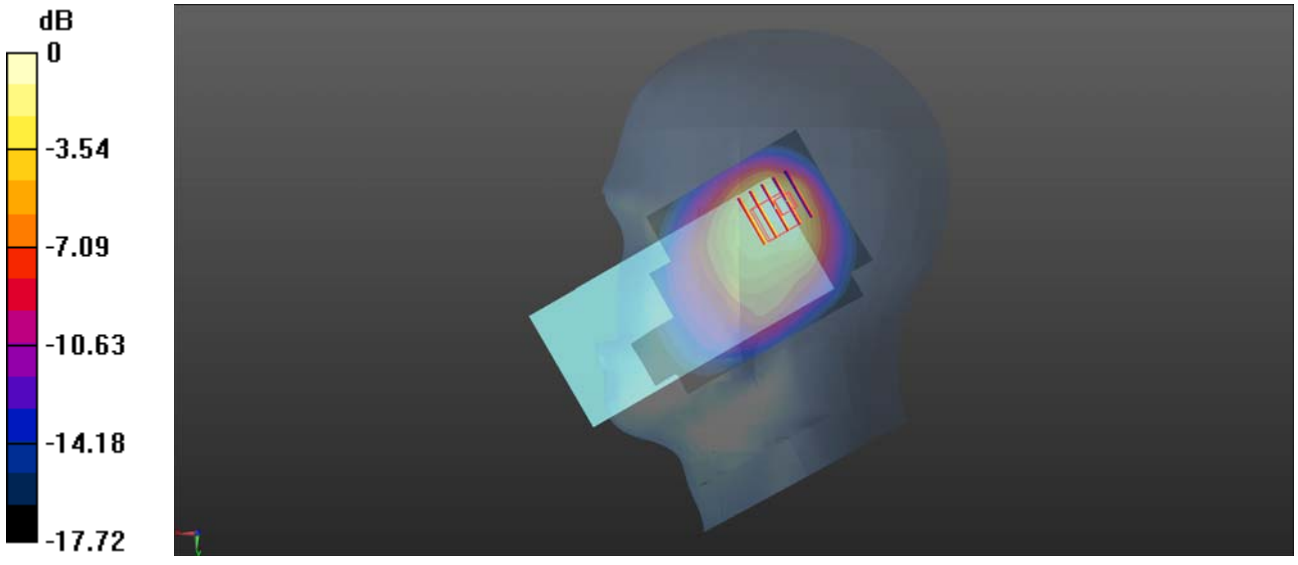
LTE Band 71_20MHz_QPSK_1RB_0Offset_Right Cheek_Ch133372_Ant 1

Communication System: UID 0, LTE (0); Frequency: 688 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 688 MHz; σ = 0.914 S/m; ε_r = 42.29; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 688 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)

Ch133372/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.937 W/kg

Ch133372/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.24 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.389 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 44.7%
Maximum value of SAR (measured) = 0.968 W/kg



0 dB = 0.968 W/kg = -0.14 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

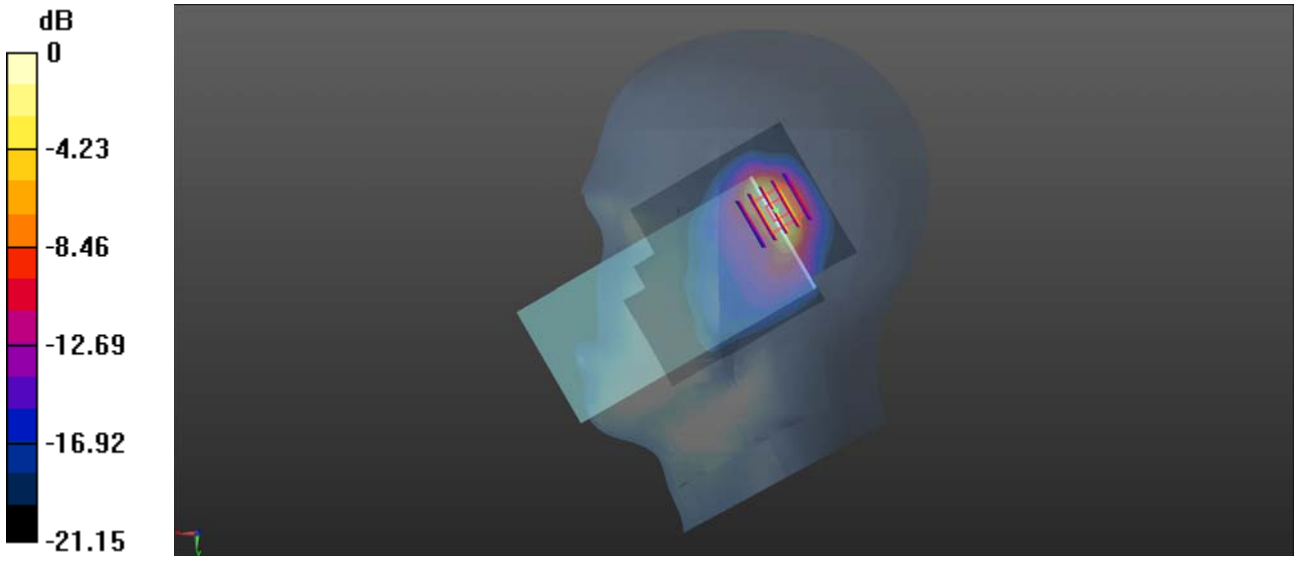
5G NR n2_20Mhz_DFT-S-QPSK_1RB_1Offset_Right Tilt_Ch380000_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1900 MHz; σ = 1.375 S/m; ε_r = 39.998; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

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)

Ch380000/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Ch380000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.42 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.289 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

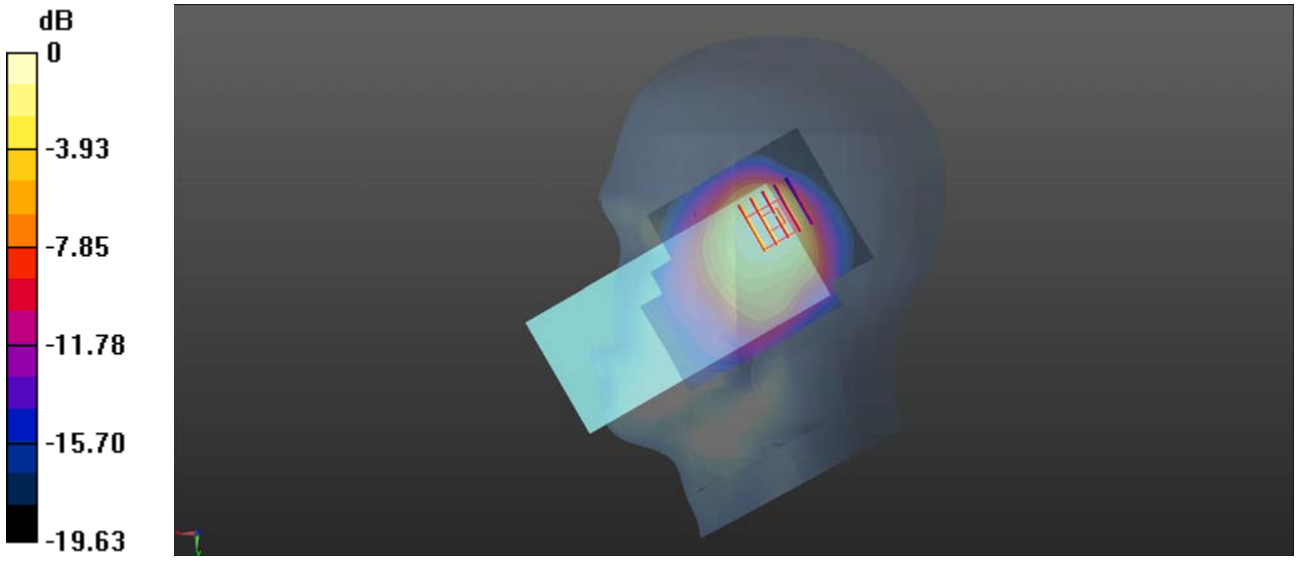
5G NR n5_20Mhz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch167300_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 836.5 MHz; σ = 0.943 S/m; ε_r = 42.967; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 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)

Ch167300/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch167300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.95 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.421 W/kg
Smallest distance from peaks to all points 3 dB below = 12.1 mm
Ratio of SAR at M2 to SAR at M1 = 54.6%
Maximum value of SAR (measured) = 0.922 W/kg



0 dB = 0.922 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

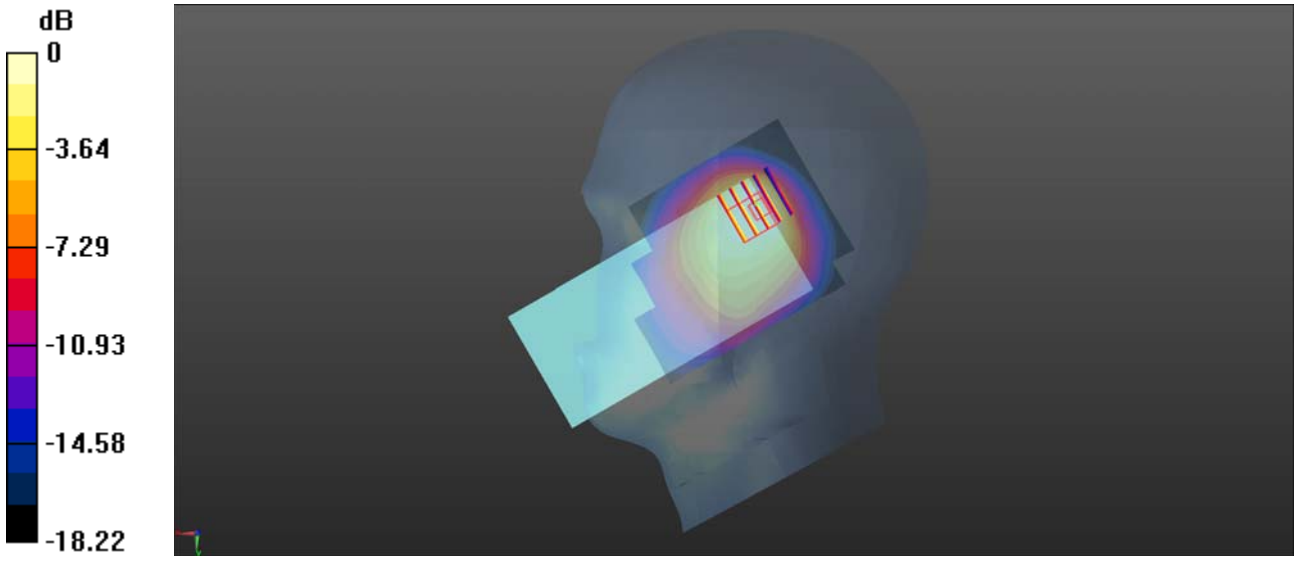
5G NR n12_15Mhz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch141500_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 707.5 MHz; σ = 0.919 S/m; ε_r = 42.233; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 707.5 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)

Ch141500/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.751 W/kg

Ch141500/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.61 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.880 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.262 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 58%
Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.544 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

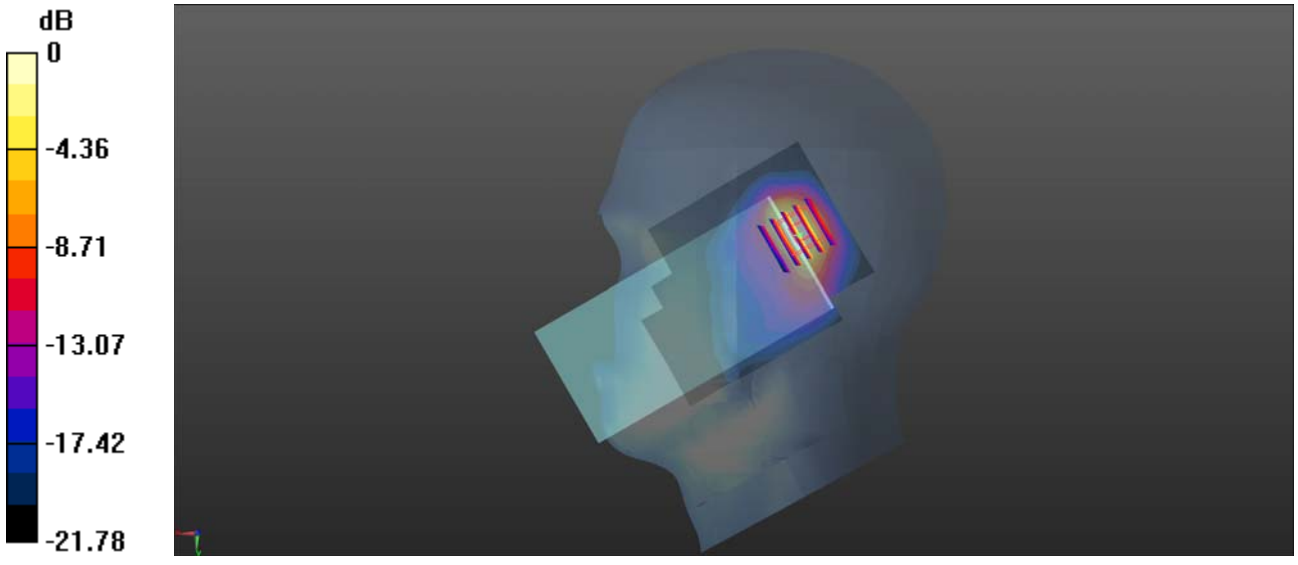
5G NR n25_20Mhz_DFT-S-QPSK_1RB_1Offset_Right Tilt_Ch376500_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1882.5 MHz; σ = 1.366 S/m; ε_r = 40.123; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1882.5 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)

Ch376500/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Ch376500/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.55 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.319 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.1%
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

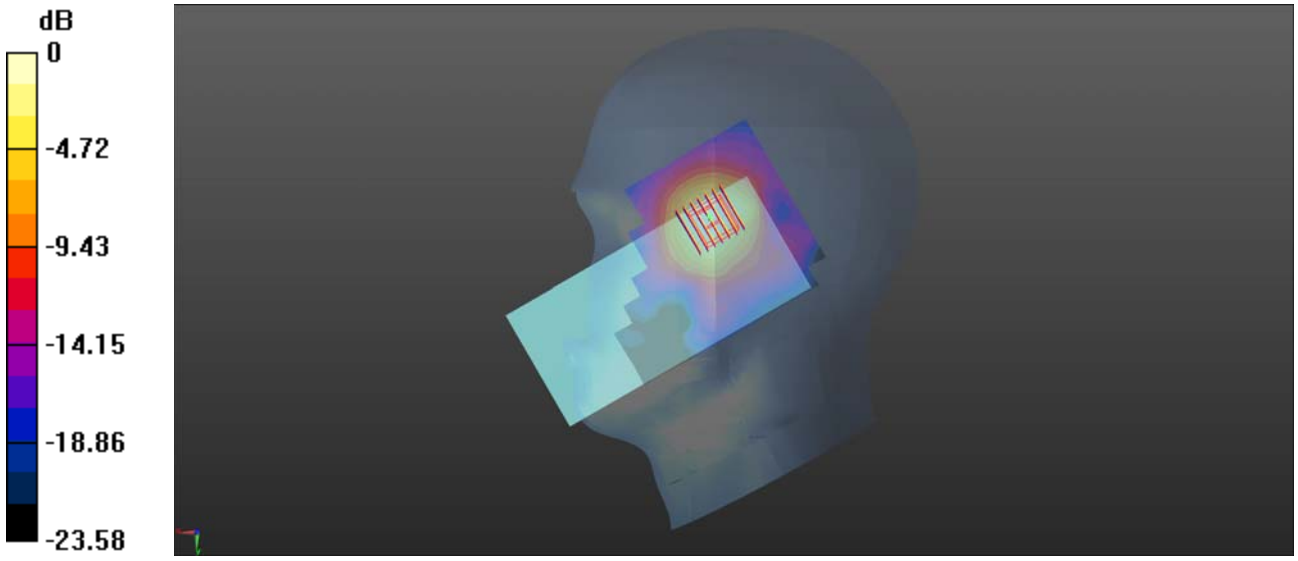
5G NR n41_100Mhz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch518598_Ant 4_PC2

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
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：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2592.99 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)

Ch518598/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Ch518598/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.974 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.335 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 48.8%
Maximum value of SAR (measured) = 0.980 W/kg



0 dB = 0.980 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

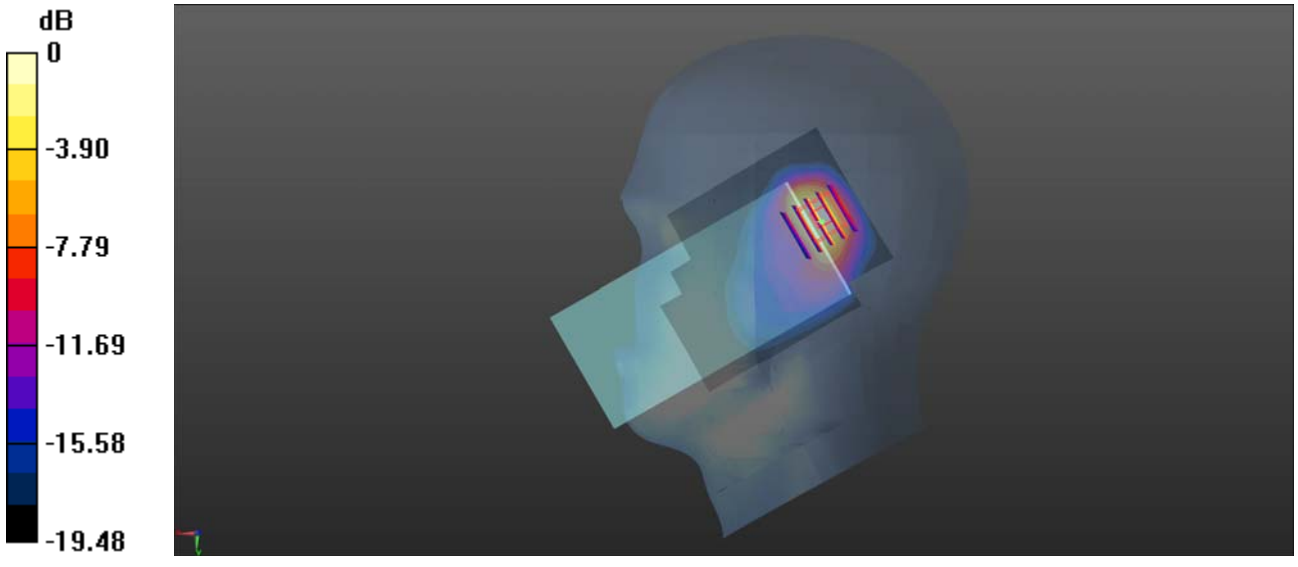
5G NR n66_20Mhz_DFT-S-QPSK_1RB_1Offset_Right Tilt_Ch346000_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 1730 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1730 MHz; σ = 1.507 S/m; ε_r = 42.85; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1730 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)

Ch346000/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Ch346000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.08 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.344 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 48.9%
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

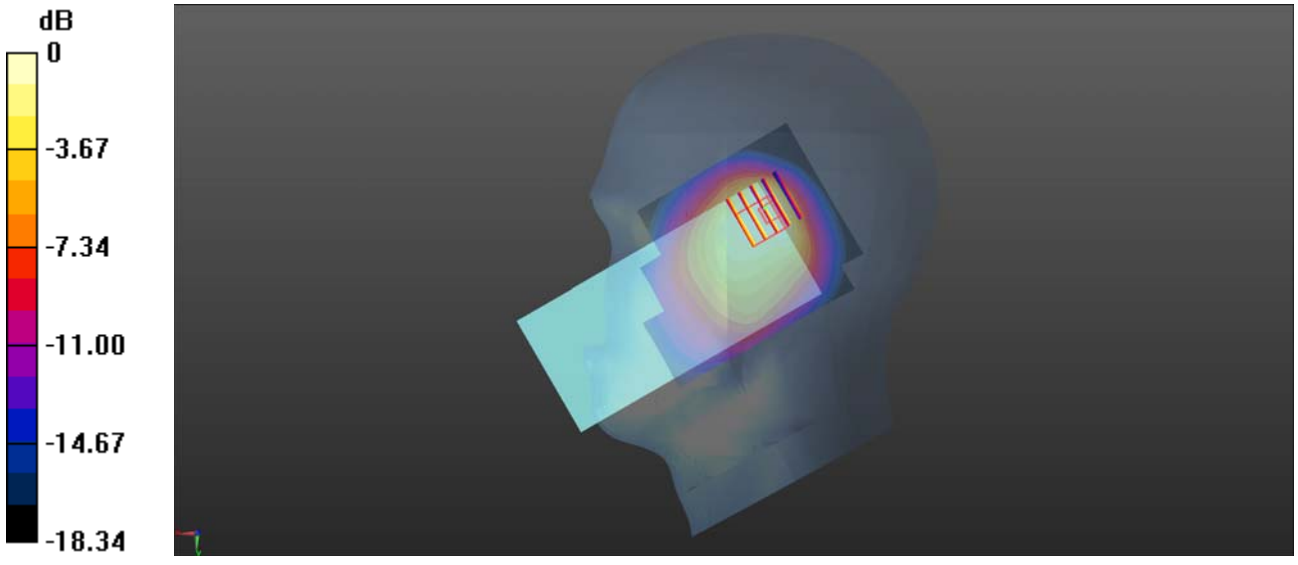
5G NR n71_20Mhz_DFT-S-QPSK_1RB_1Offset_Right Cheek_Ch134600_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 673 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 673 MHz; σ = 0.909 S/m; ε_r = 42.403; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 673 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)

Ch134600/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Ch134600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.23 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.385 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 58%
Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.03

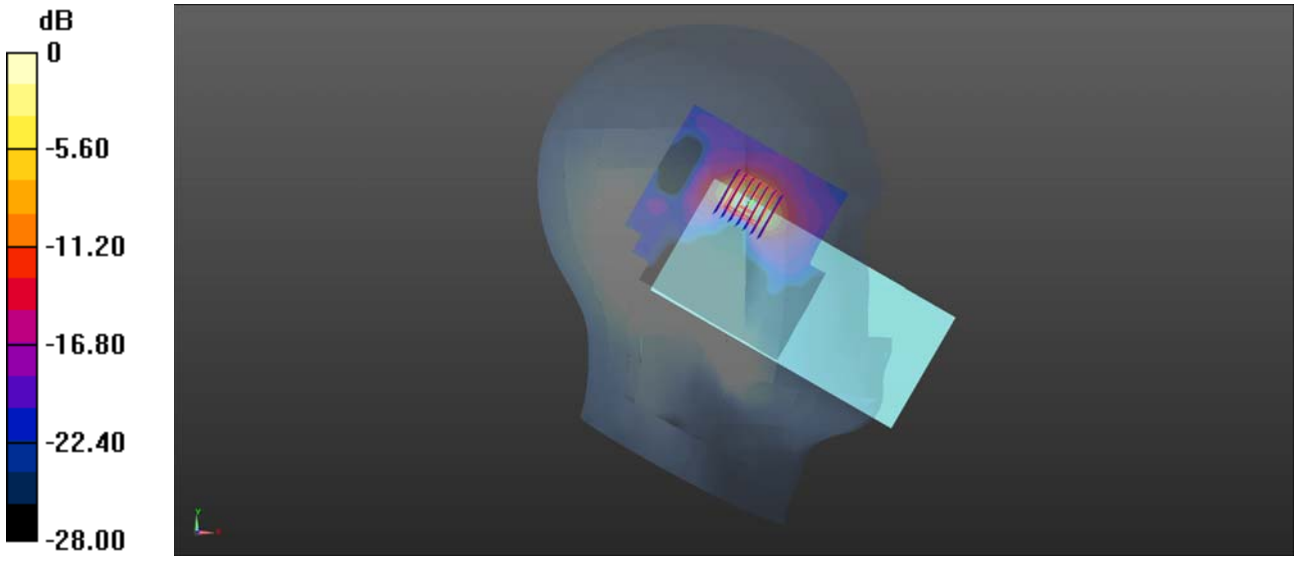
5G NR n77_100Mhz_DFT-S-QPSK_1RB_1Offset_Left Cheek_Ch653000_Ant 3_PC2

Communication System: UID 0, 5G NR (0); Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: HSL_3500 Medium parameters used: f = 3500 MHz; σ = 3.039 S/m; ε_r = 39.064; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.08, 7.08, 7.08) @ 3500 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)

Ch653000/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.79 W/kg

Ch653000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.9400 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.87 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.269 W/kg
Smallest distance from peaks to all points 3 dB below = 5 mm
Ratio of SAR at M2 to SAR at M1 = 35%
Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.08

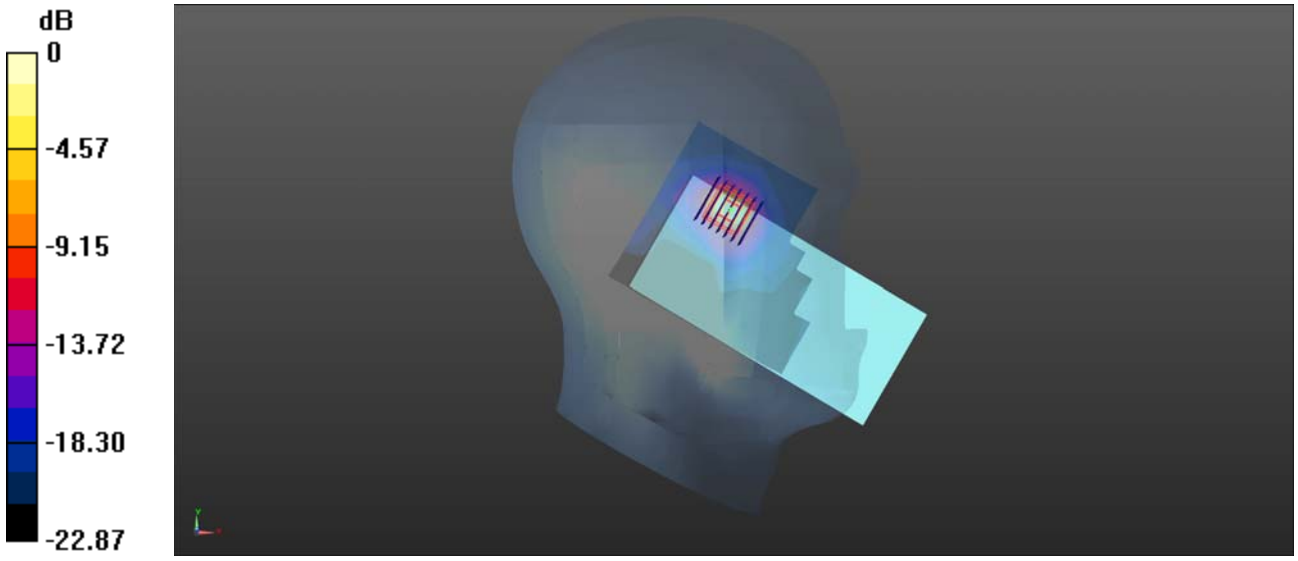
5G NR n78_100Mhz_DFT-S-QPSK_1RB_1Offset_Left Cheek_Ch650000_Ant 3_PC2

Communication System: UID 0, 5G NR (0); Frequency: 3750 MHz;Duty Cycle: 1:1
Medium: HSL_3700 Medium parameters used: f = 3750 MHz; σ = 3.244 S/m; ε_r = 39.175; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(6.73, 6.73, 6.73) @ 3750 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)

Ch650000/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.72 W/kg

Ch650000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.913 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.261 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 33%
Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.29

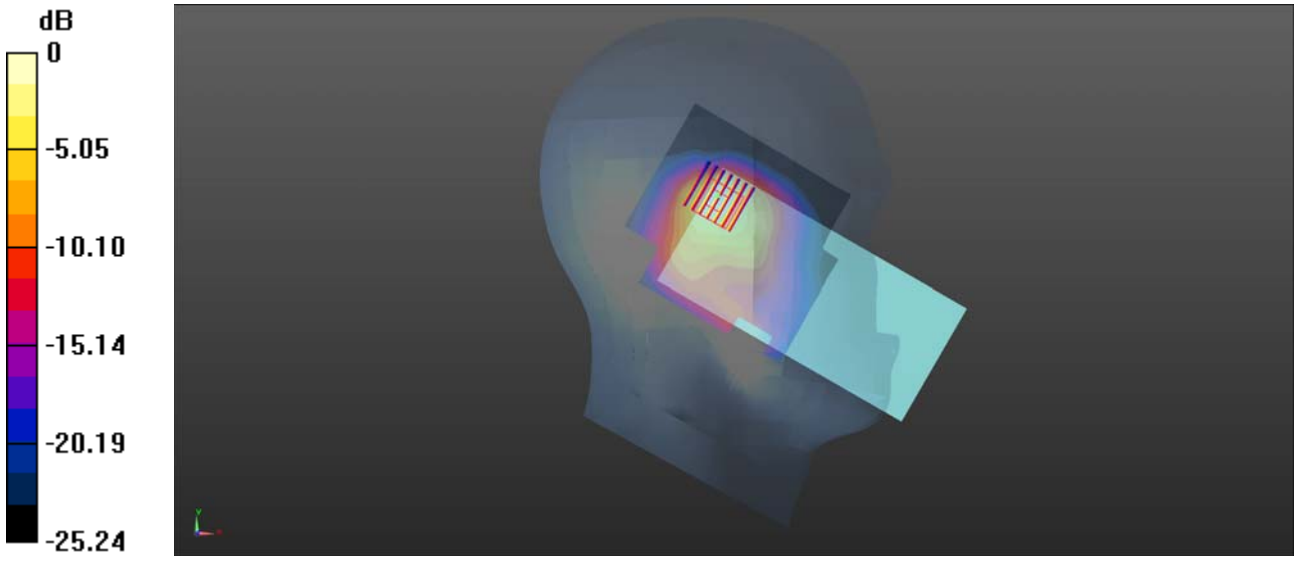
WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch1_Ant 7

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2412 MHz; σ = 1.762 S/m; ε_r = 38.862; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2412 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)

Ch1/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 3.32 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.32 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.298 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 48.4%
Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.15

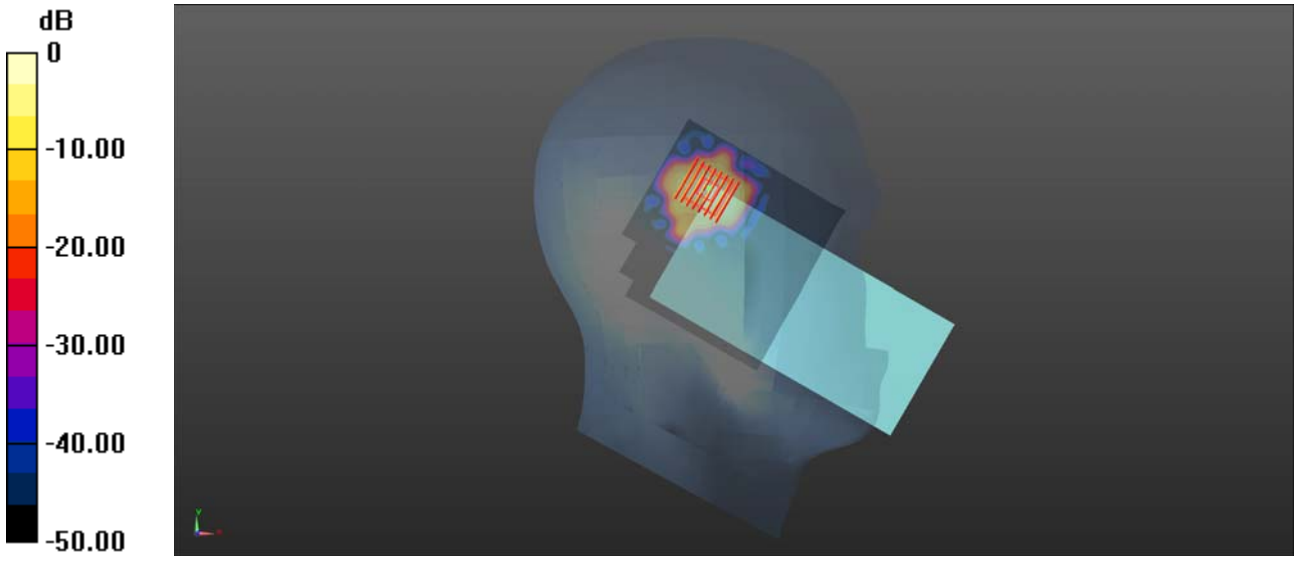
WLAN 5.2GHz_802.11n-HT40 MCS0_Left Cheek_Ch46_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5230 MHz;Duty Cycle: 1:1.032
Medium: HSL_5250 Medium parameters used: f = 5230 MHz; σ = 4.876 S/m; ε_r = 37.093; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5230 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)

Ch46/Area Scan (111x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Ch46/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.5080 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.10 W/kg
SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.148 W/kg
Smallest distance from peaks to all points 3 dB below = 4 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.15

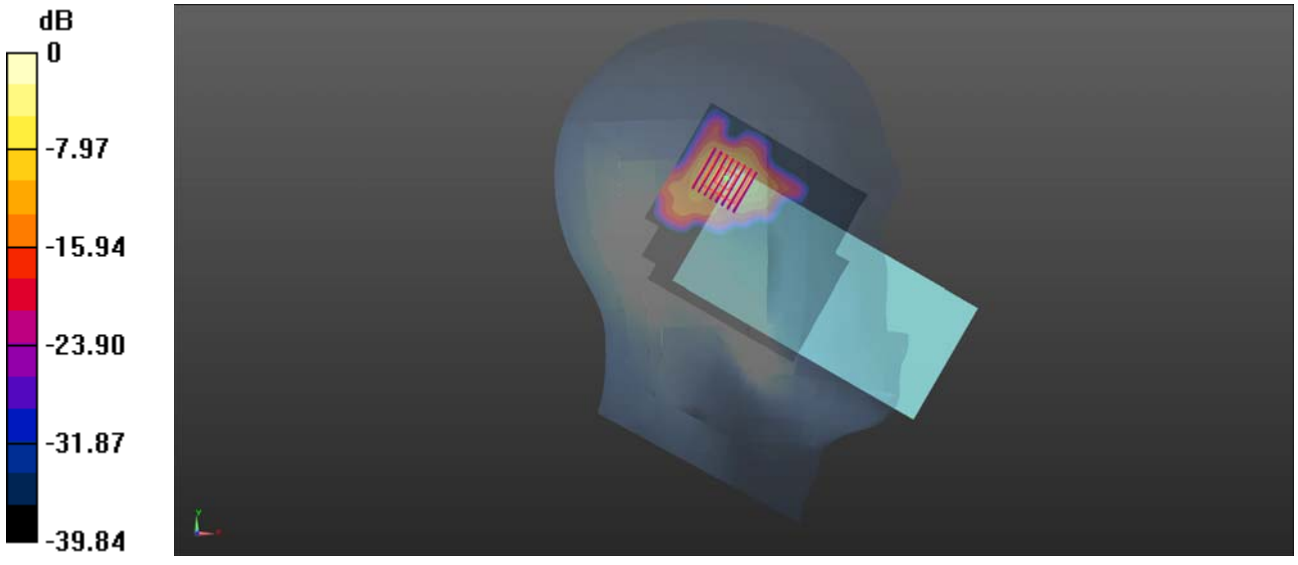
WLAN 5.3GHz_802.11n-HT40 MCS0_Left Cheek_Ch54

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5270 MHz;Duty Cycle: 1:1.032
Medium: HSL_5250 Medium parameters used: f = 5270 MHz; σ = 4.728 S/m; ε_r = 36.015; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5270 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)

Ch54/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Ch54/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9500 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.165 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.17

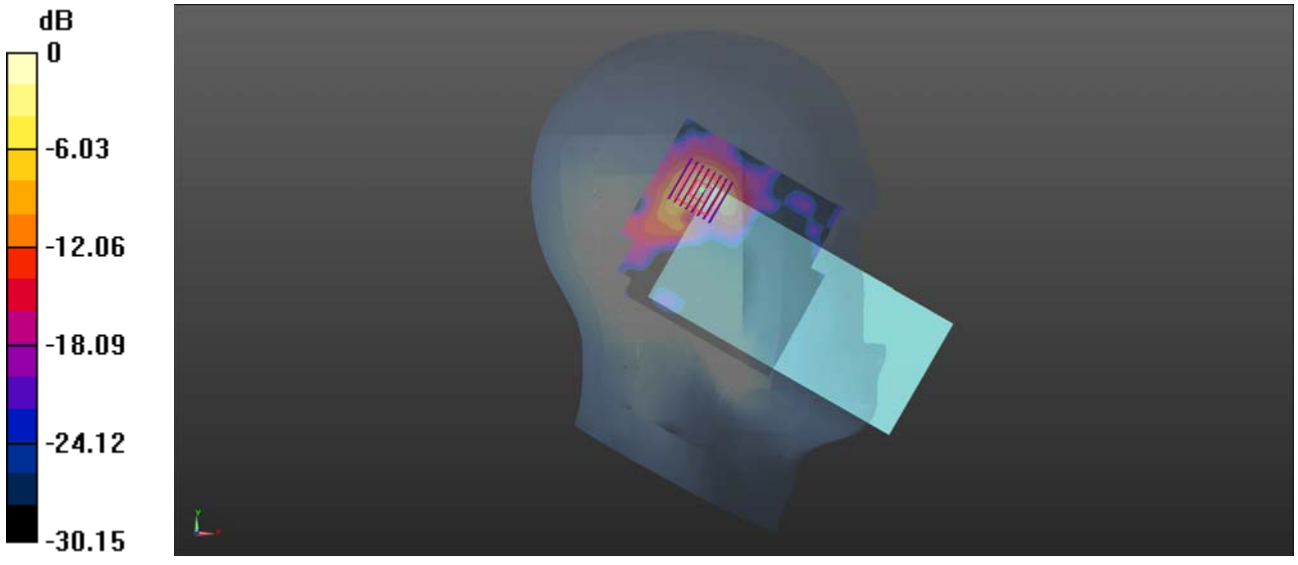
WLAN 5.5GHz_802.11a 6Mbps_Left Cheek_Ch100_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1.015
Medium: HSL_5600 Medium parameters used: f = 5500 MHz; σ = 5.007 S/m; ε_r = 35.63; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.11, 5.11, 5.11) @ 5500 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)

Ch100/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.838 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.183 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 51.4%
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.21

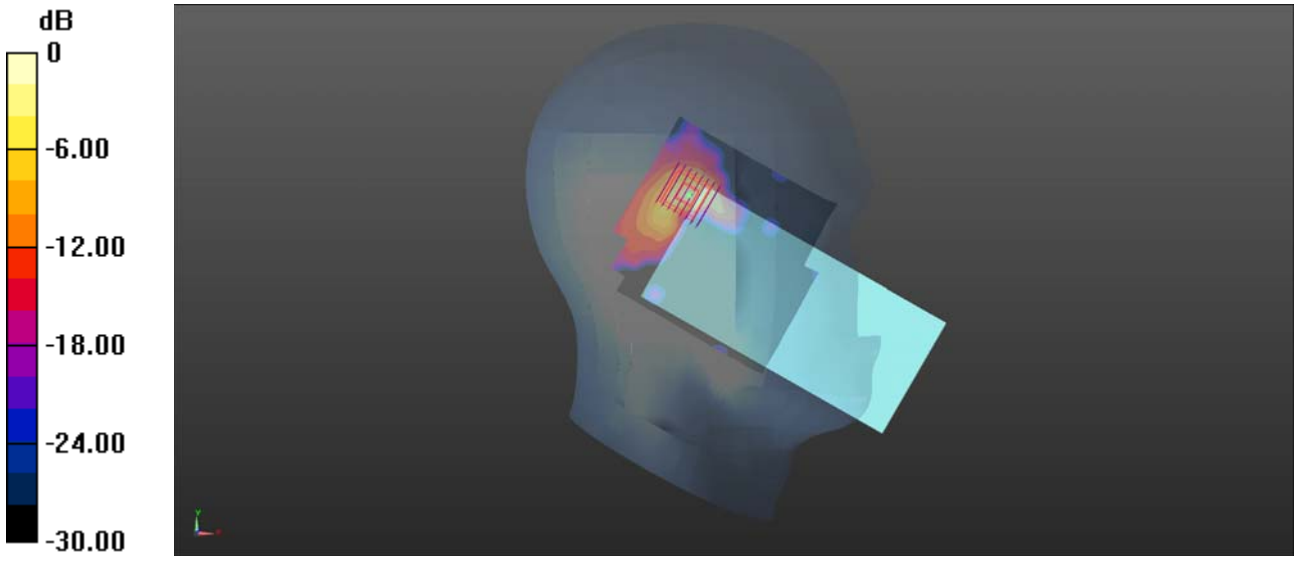
WLAN 5.8GHz_802.11n-HT40 MCS0_Left Cheek_Ch151

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz;Duty Cycle: 1:1.032
Medium: HSL_5750 Medium parameters used: f = 5755 MHz; σ = 5.306 S/m; ε_r = 35.15; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.08, 5.08, 5.08) @ 5755 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)

Ch151/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Ch151/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.707 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.169 W/kg
Smallest distance from peaks to all points 3 dB below = 5 mm
Ratio of SAR at M2 to SAR at M1 = 48.4%
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.29

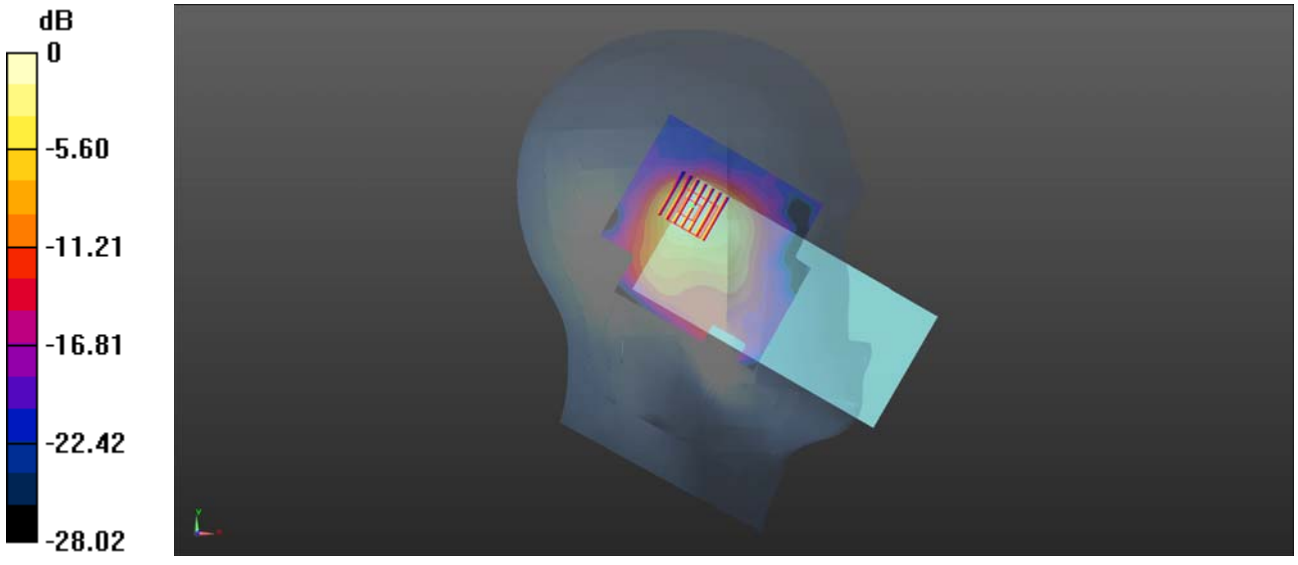
Bluetooth_DH5_Left Cheek_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2441 MHz; σ = 1.807 S/m; ε_r = 38.83; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2441 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)

Ch39/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.542 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.120 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.680 W/kg
SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.141 W/kg
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 46.2%
Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

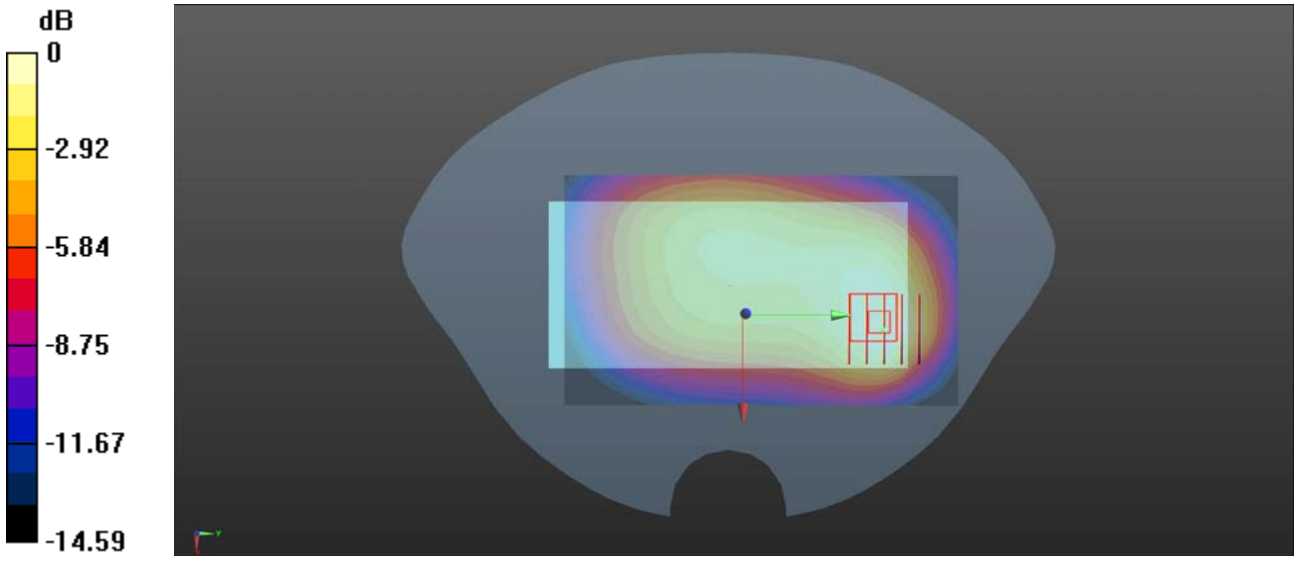
GSM850_GPRS(4 TX slots)_Back Side_10mm_Ch128_Ant 1

Communication System: UID 0, GSM850(class 12) (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_900 Medium parameters used: f = 824.2 MHz; σ = 0.926 S/m; ε_r = 42.769; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 824.2 MHz; Calibrated: 2023.03.31
- 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)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.499 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.68 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.243 W/kg
Smallest distance from peaks to all points 3 dB below = 18.7 mm
Ratio of SAR at M2 to SAR at M1 = 64.3%
Maximum value of SAR (measured) = 0.462 W/kg



0 dB = 0.462 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

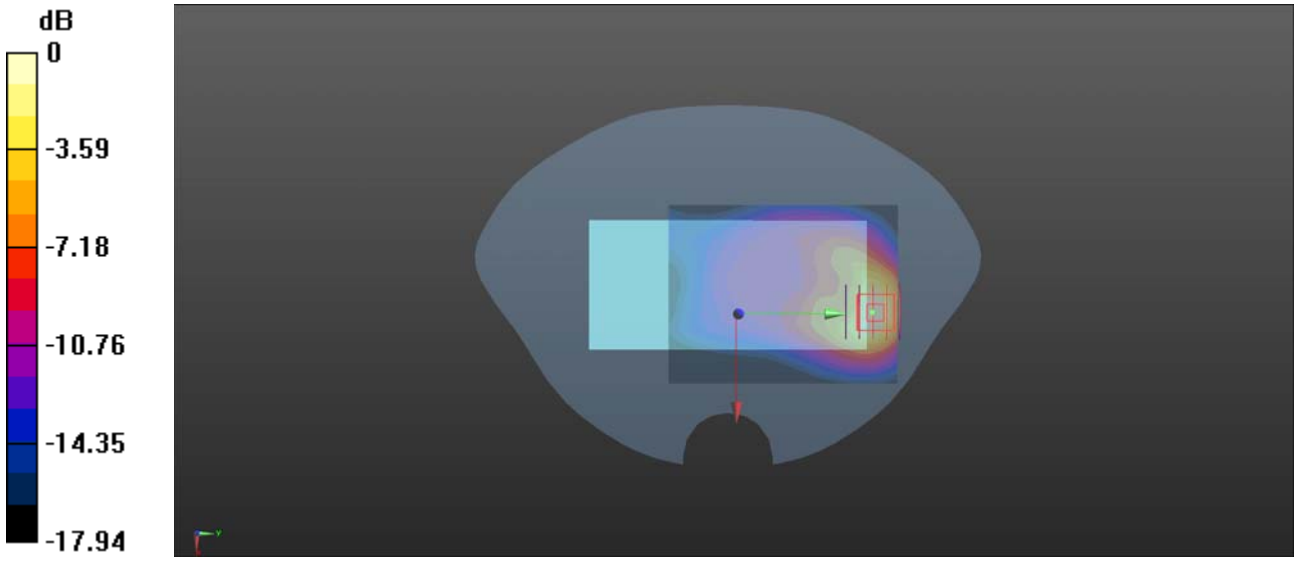
GSM1900_GPRS(4 TX slots)_Back Side_10mm_Ch661_Ant 1

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_2000 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：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1880 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 (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.617 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.652 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.234 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 57.7%
Maximum value of SAR (measured) = 0.631 W/kg



0 dB = 0.631 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

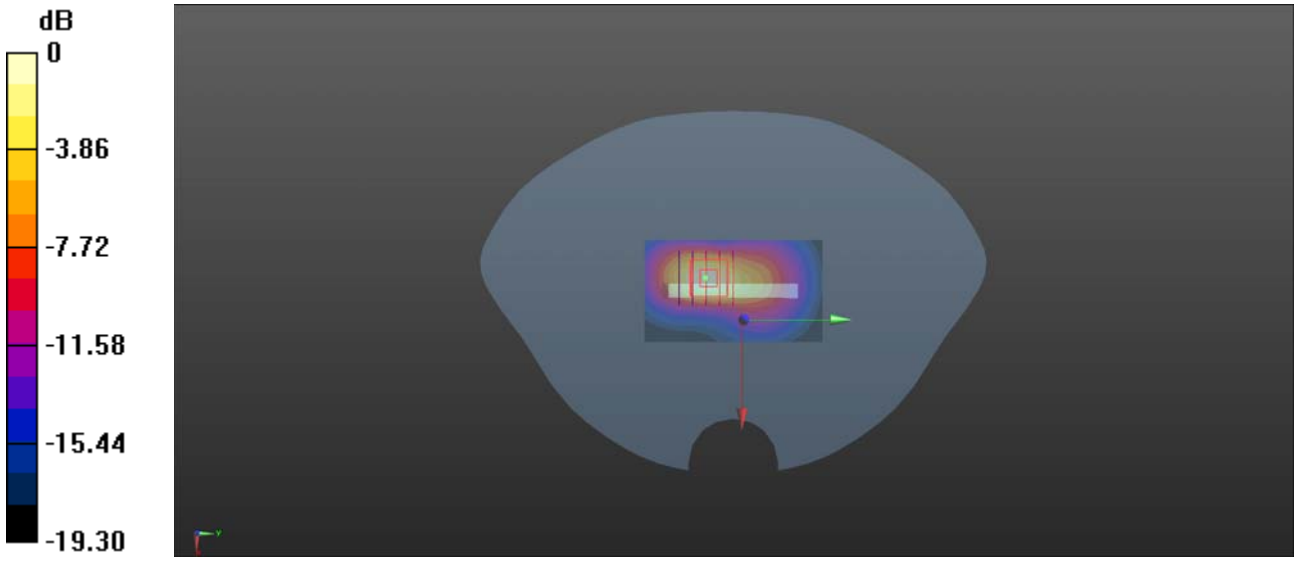
GSM1900_GPRS(4 TX slots)_Top Side_10mm_Ch810_Ant 1

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: HSL_2000 Medium parameters used: f = 1910 MHz; σ = 1.381 S/m; ε_r = 39.997; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

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 (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.95 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.407 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.5%
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

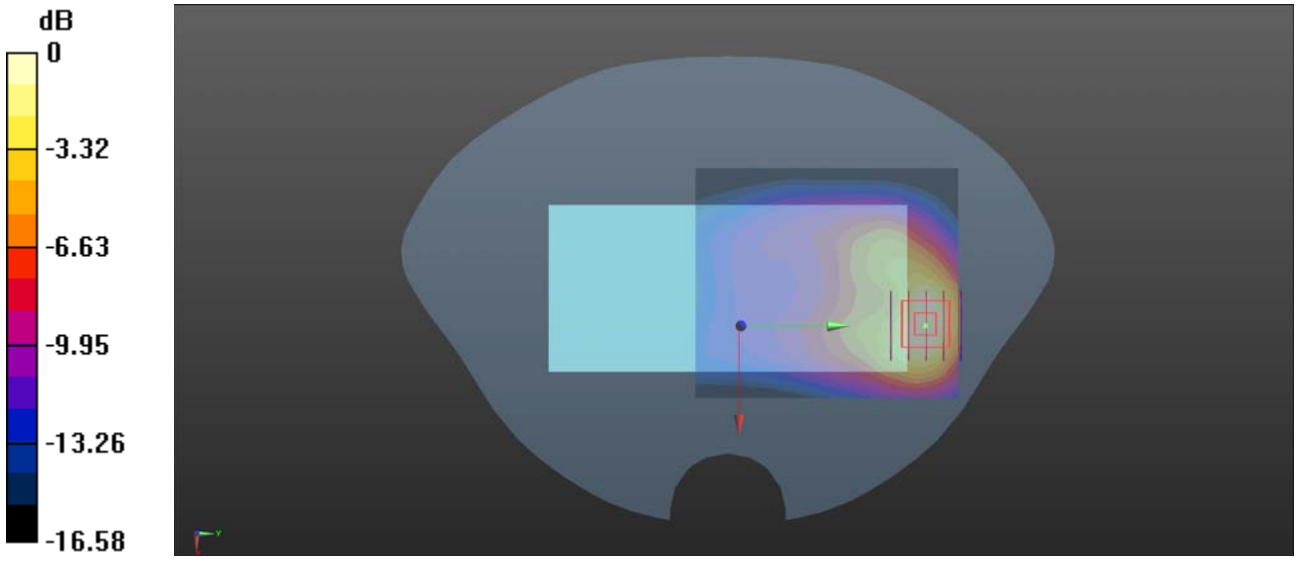
WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400_Ant 1

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 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：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1880 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 (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.672 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.427 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.245 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 58%
Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

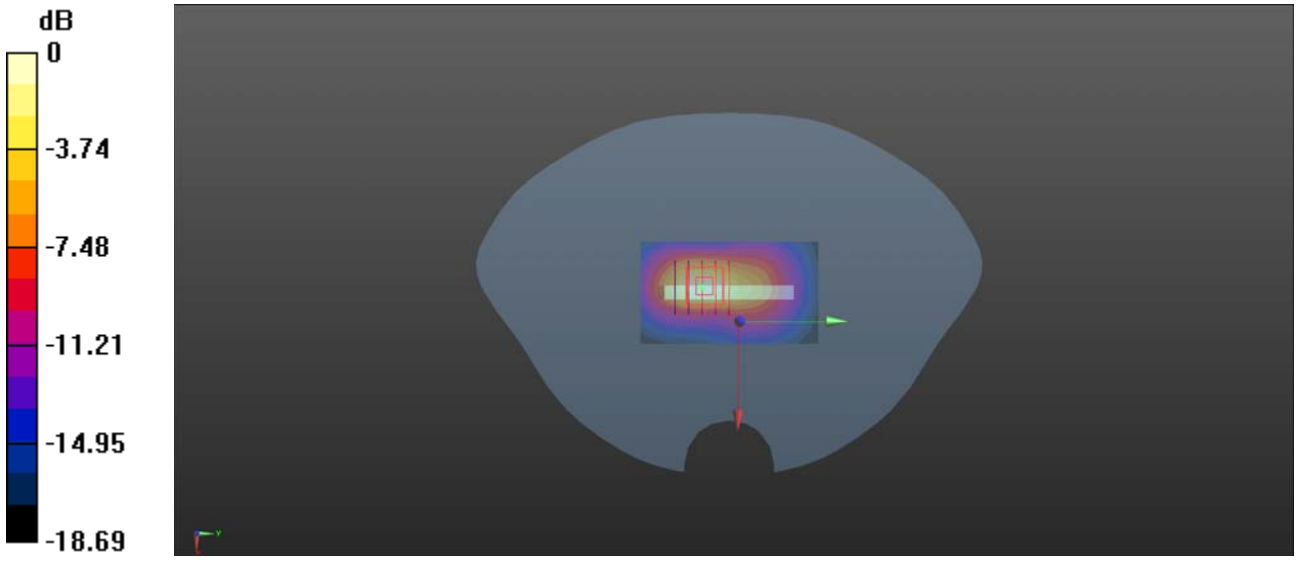
WCDMA Band II_RMC 12.2Kbps_Top Side_10mm_Ch9538_Ant 1

Communication System: UID 0, UMTS-FDD (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_2000 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：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1907.6 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)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.43 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.423 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 55.4%
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

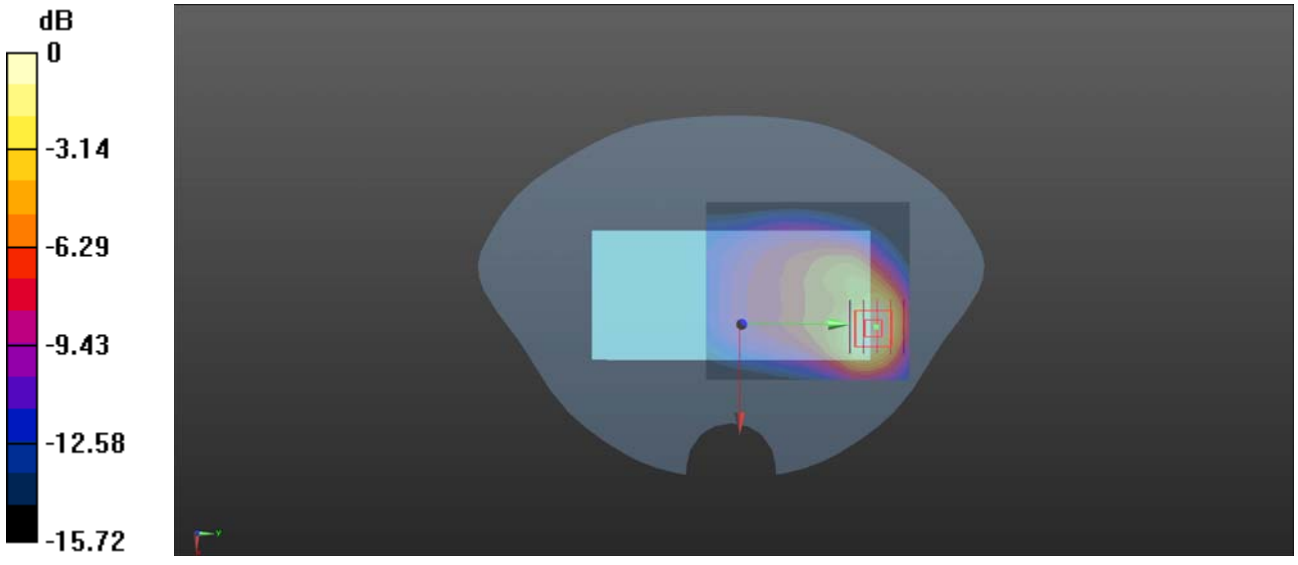
WCDMA Band IV_RMC 12.2Kbps_Back Side_10mm_Ch1413_Ant 1

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 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1732.6 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)

Ch1413/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.955 W/kg

Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.426 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.385 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.3%
Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.931 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

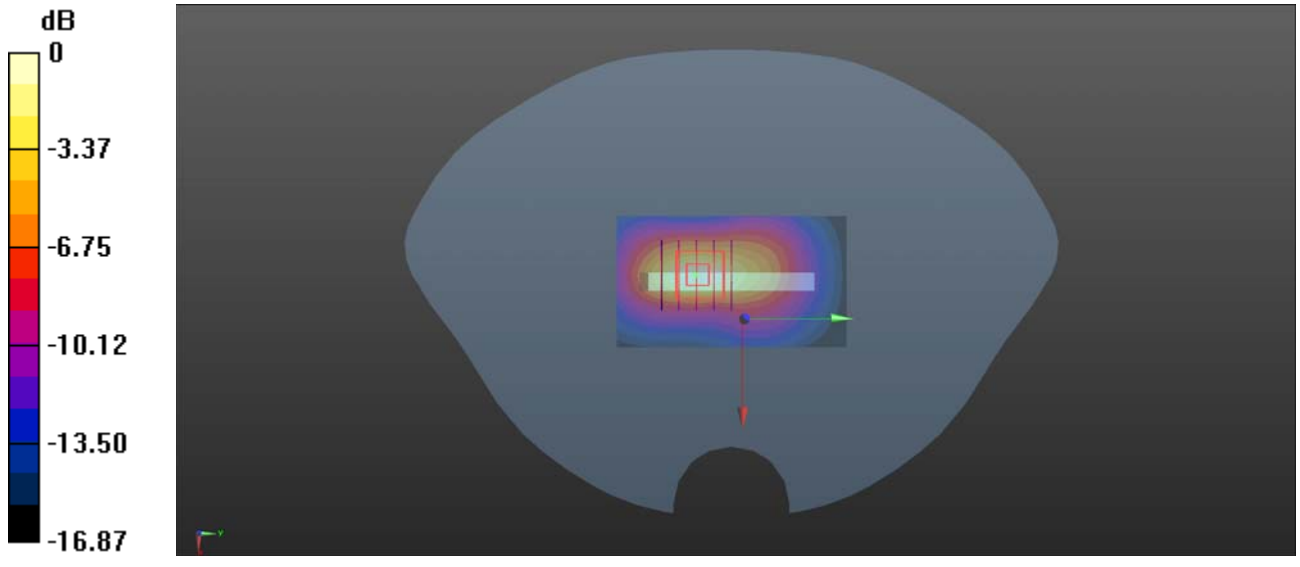
WCDMA Band IV_RMC 12.2Kbps_Top Side_10mm_Ch1312_Ant 1

Communication System: UID 0, UMTS-FDD (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1712.4 MHz; σ = 1.384 S/m; ε_r = 40.015; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1712.4 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)

Ch1312/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.20 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.486 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.3%
Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

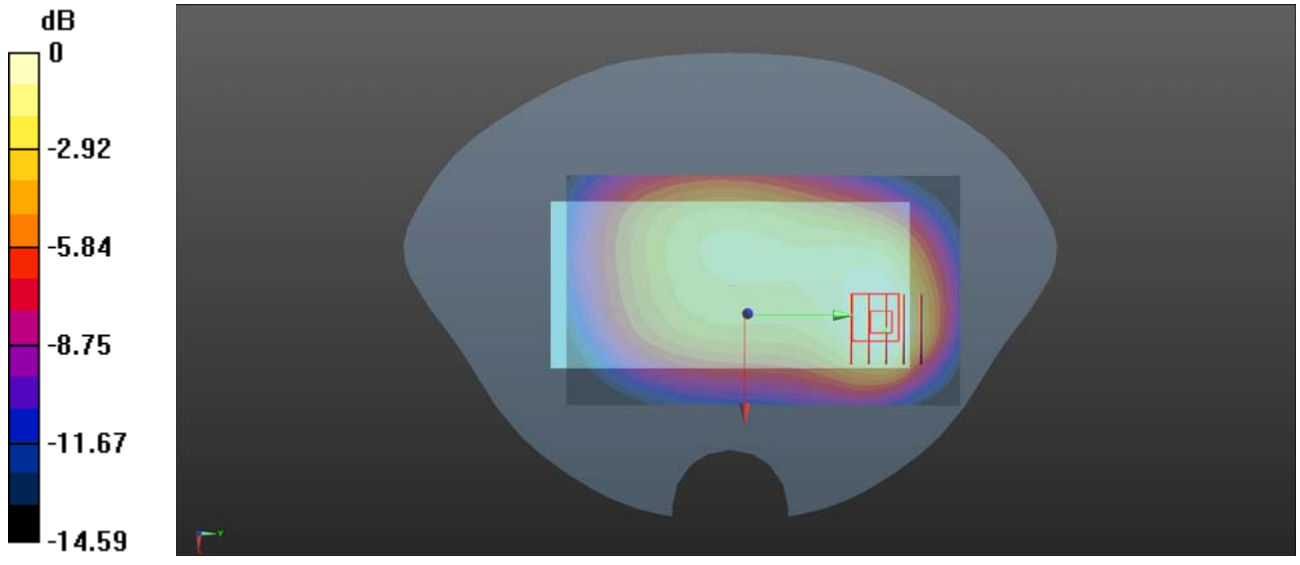
WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4132_Ant 1

Communication System: UID 0, UMTS-FDD (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 826.4 MHz; σ = 0.928 S/m; ε_r = 42.777; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 826.4 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)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.499 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.68 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.242 W/kg
Smallest distance from peaks to all points 3 dB below = 18.7 mm
Ratio of SAR at M2 to SAR at M1 = 64.3%
Maximum value of SAR (measured) = 0.462 W/kg



0 dB = 0.462 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

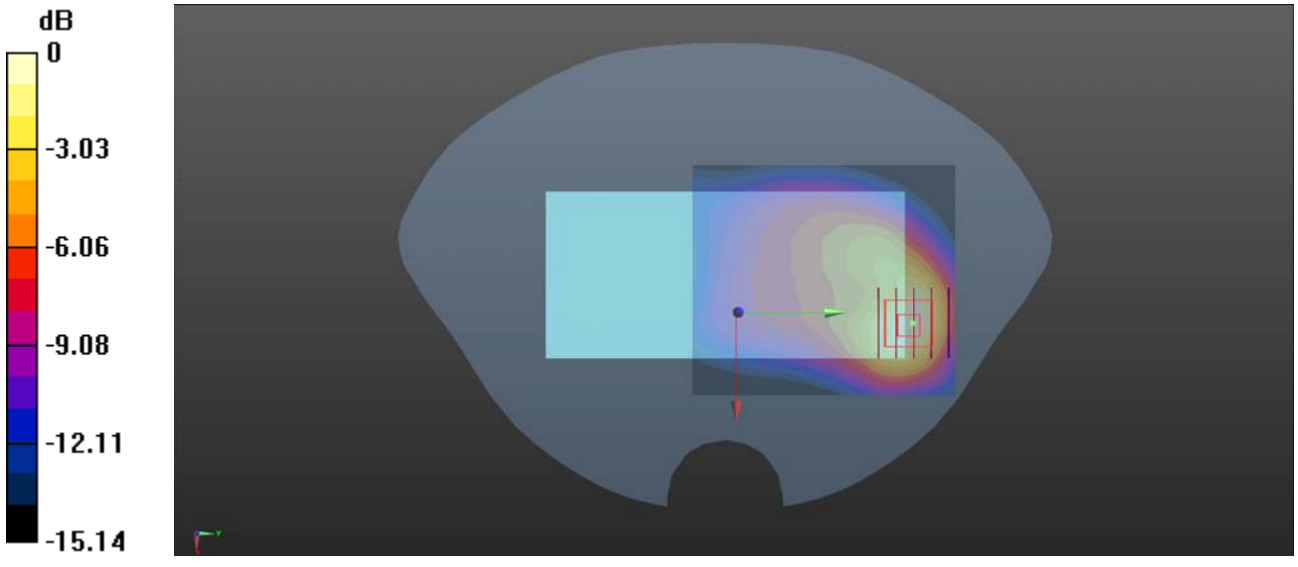
LTE Band 4_20MHz_QPSK_1RB_0Offset_Bcak Side_10mm_Ch20175_Ant 1

Communication System: UID 0, LTE (0); Frequency: 1732.5 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 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1732.5 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)

Ch20175/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.806 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.354 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.337 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

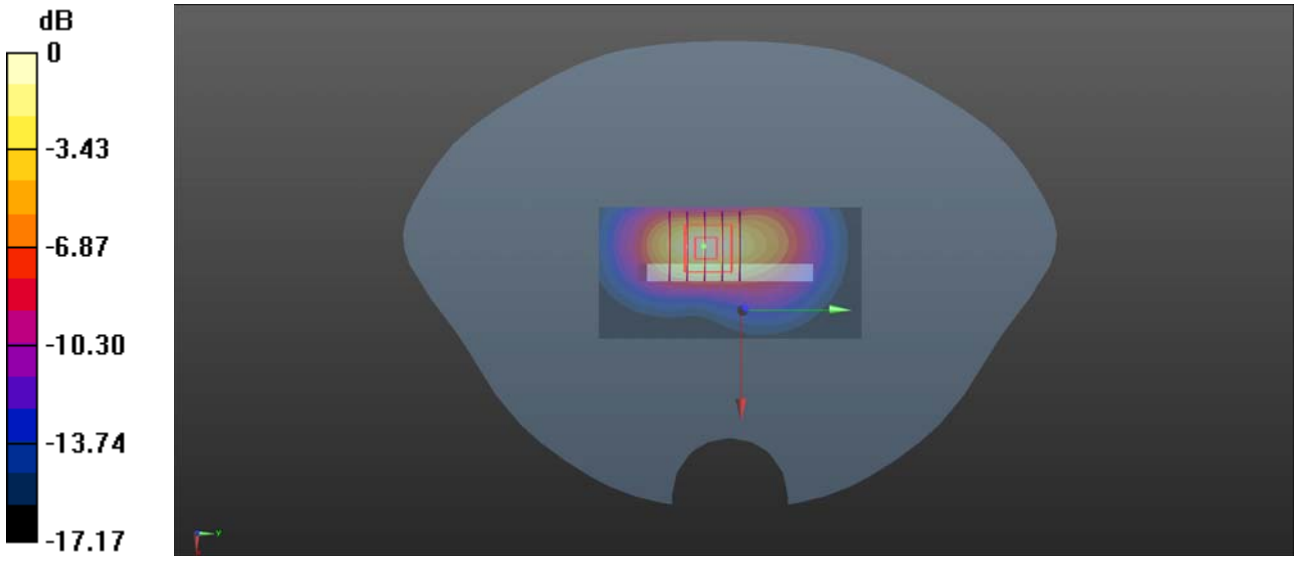
LTE Band 4_20MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch20175_Ant 1

Communication System: UID 0, LTE (0); Frequency: 1732.5 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 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1732.5 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)

Ch20175/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.20 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.456 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.4%
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

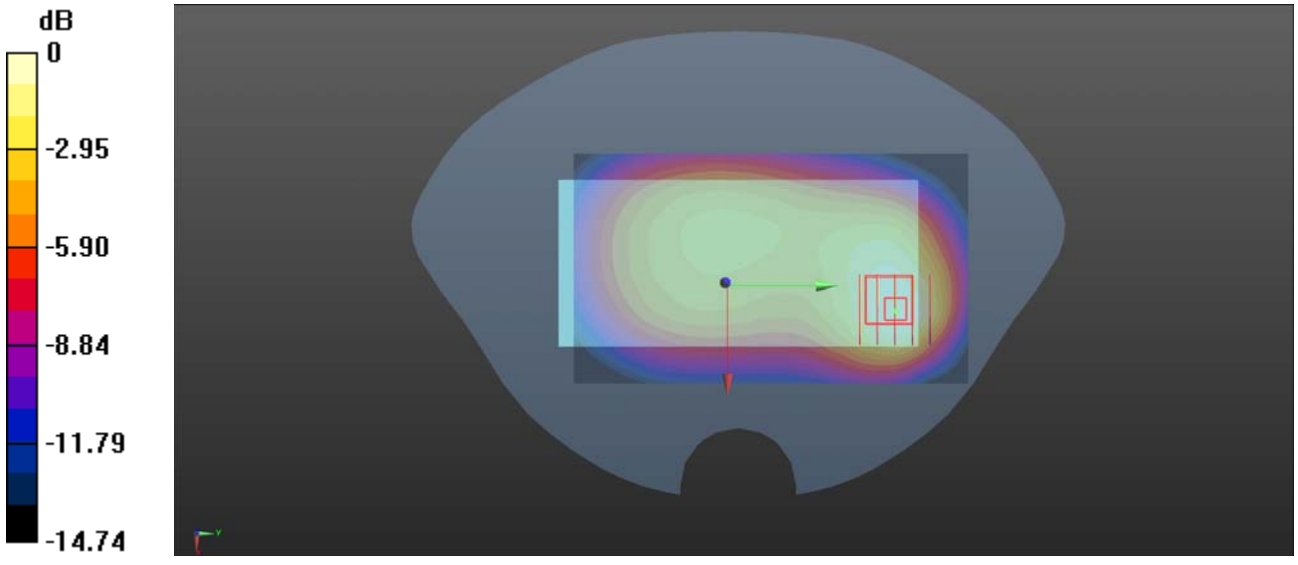
LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20600_Ant 1

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 844 MHz; σ = 0.955 S/m; ε_r = 42.936; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 844 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)

Ch20600/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.543 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.84 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.251 W/kg
Smallest distance from peaks to all points 3 dB below = 18.1 mm
Ratio of SAR at M2 to SAR at M1 = 63.9%
Maximum value of SAR (measured) = 0.501 W/kg



0 dB = 0.501 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

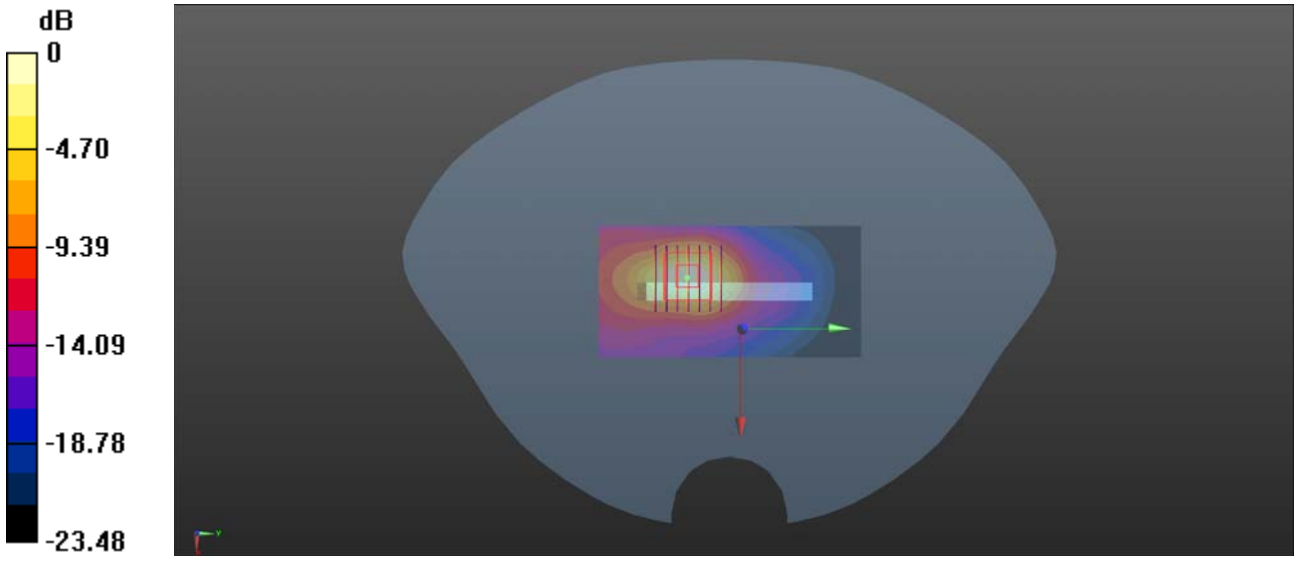
LTE Band 7_20MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch20850_Ant 1

Communication System: UID 0, LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2510 MHz; σ = 1.872 S/m; ε_r = 38.537; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2510 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)

Ch20850/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.831 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.301 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 47.5%
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

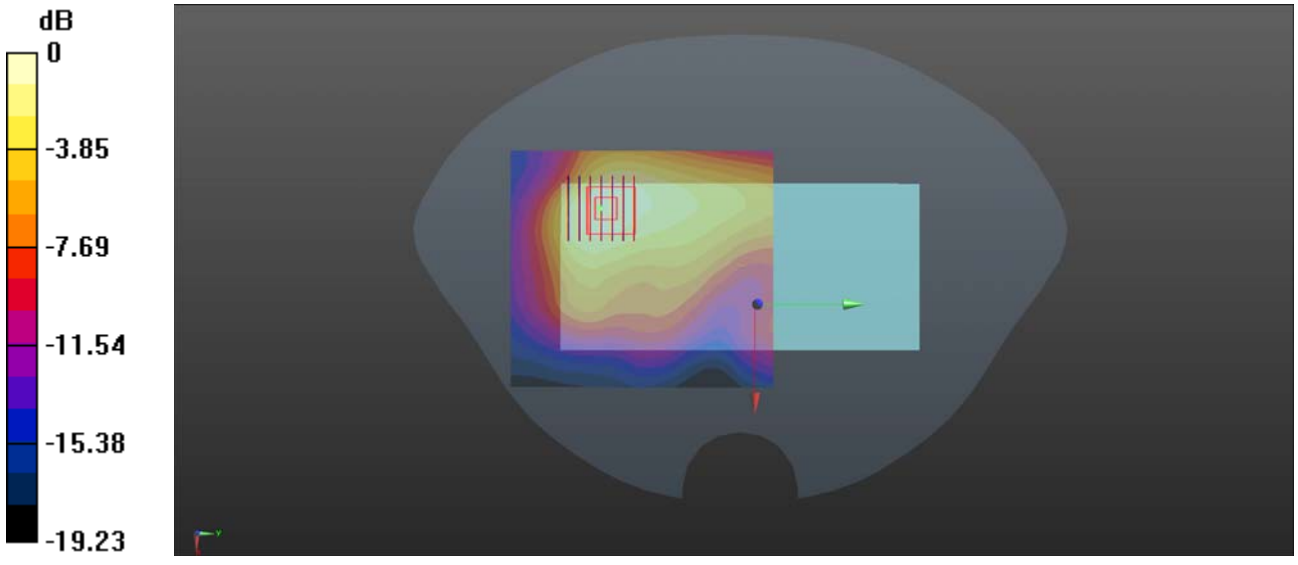
LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch21350_Ant 0

Communication System: UID 0, LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2560 MHz; σ = 1.991 S/m; ε_r = 38.282; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 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)

Ch21350/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.794 W/kg

Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.274 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.980 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.302 W/kg
Smallest distance from peaks to all points 3 dB below = 13.4 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

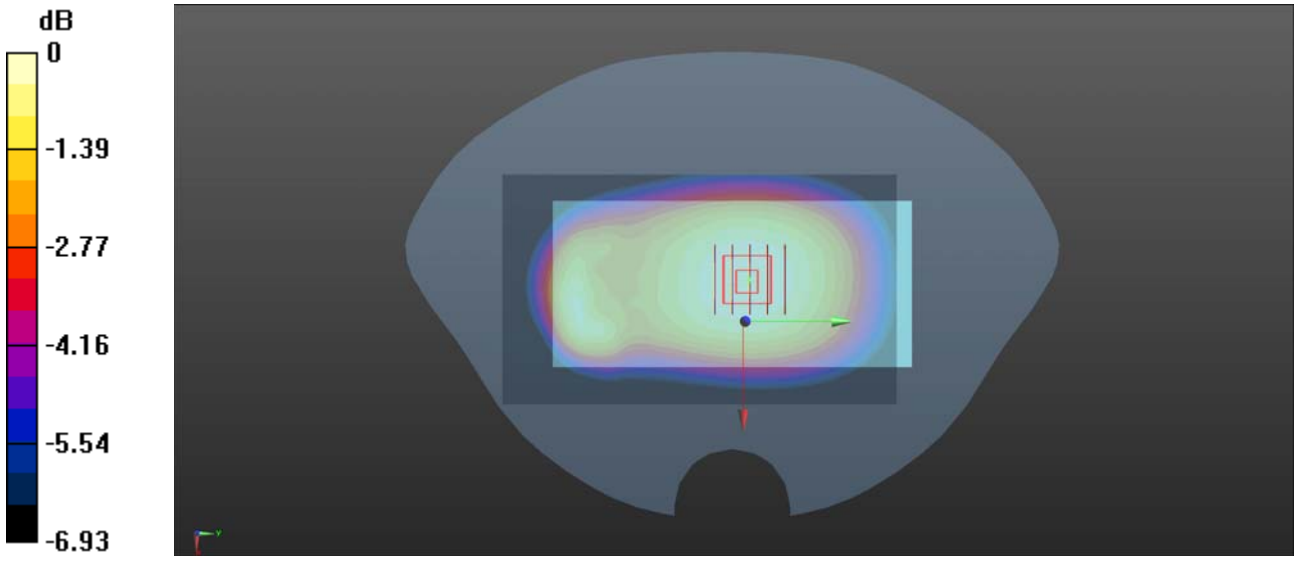
LTE Band 12_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23095_Ant 0

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 707.5 MHz; σ = 0.919 S/m; ε_r = 42.233; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 707.5 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)

Ch23095/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.334 W/kg

Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.81 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.231 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 80.7%
Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

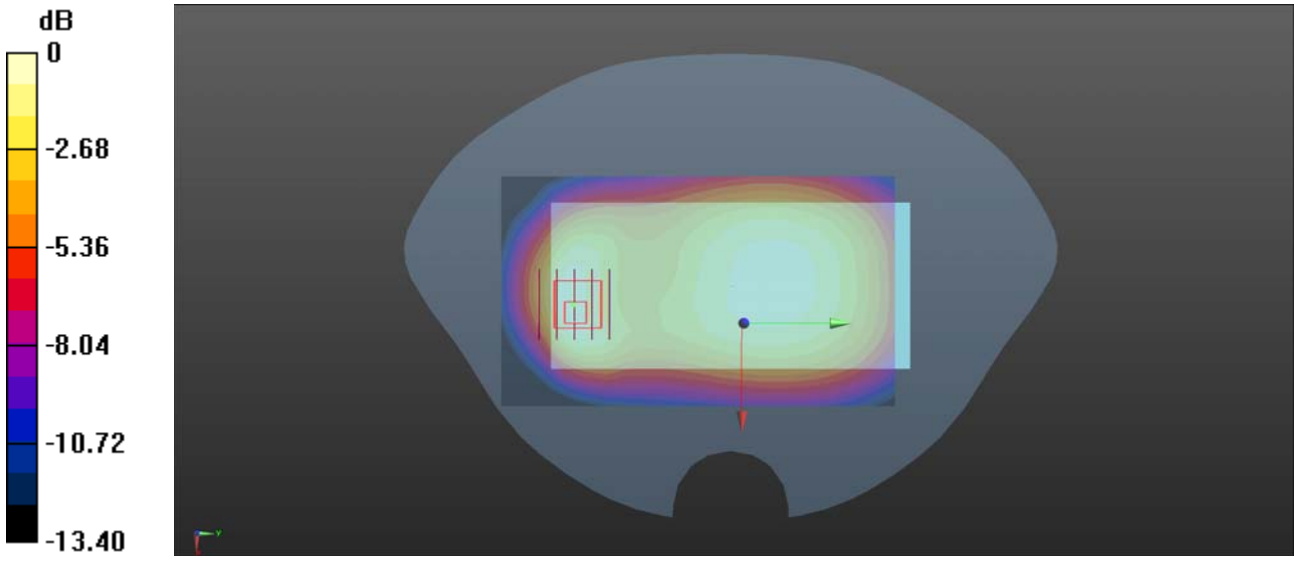
LTE Band 13_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23230_Ant 0

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：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 707.5 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)

Ch23230/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.259 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.35 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.116 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.5%
Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

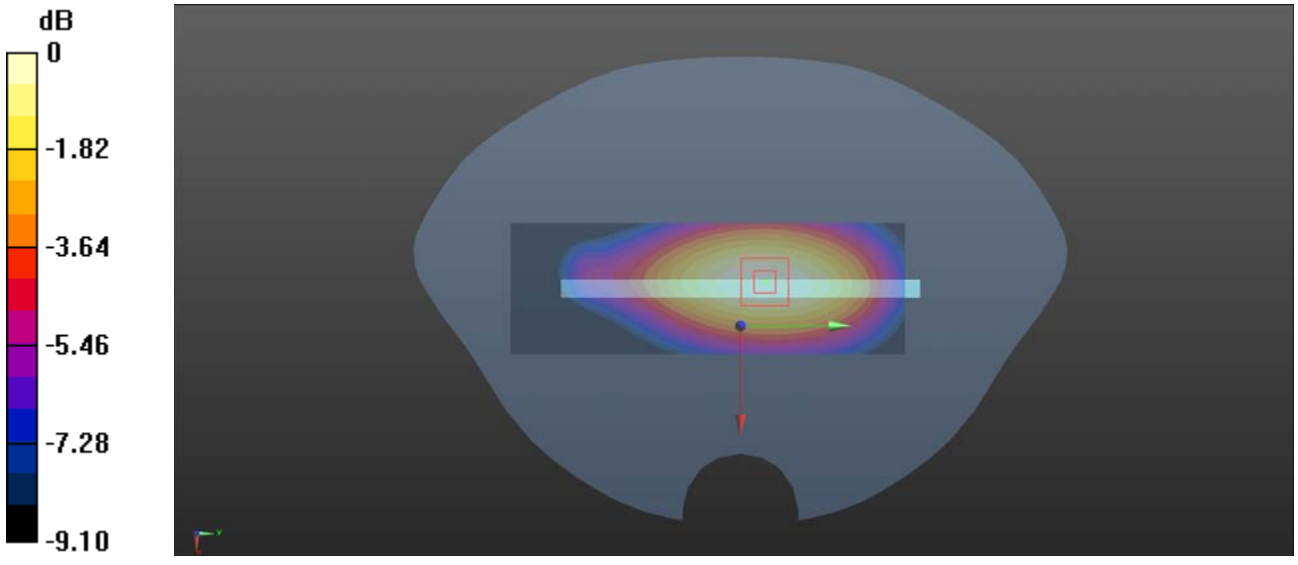
LTE Band 13_10MHz_QPSK_1RB_0Offset_Left Side_10mm_Ch23230_Ant 0

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：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 707.5 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)

Ch23230/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.246 W/kg

Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.04 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.139 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.6%
Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.245 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

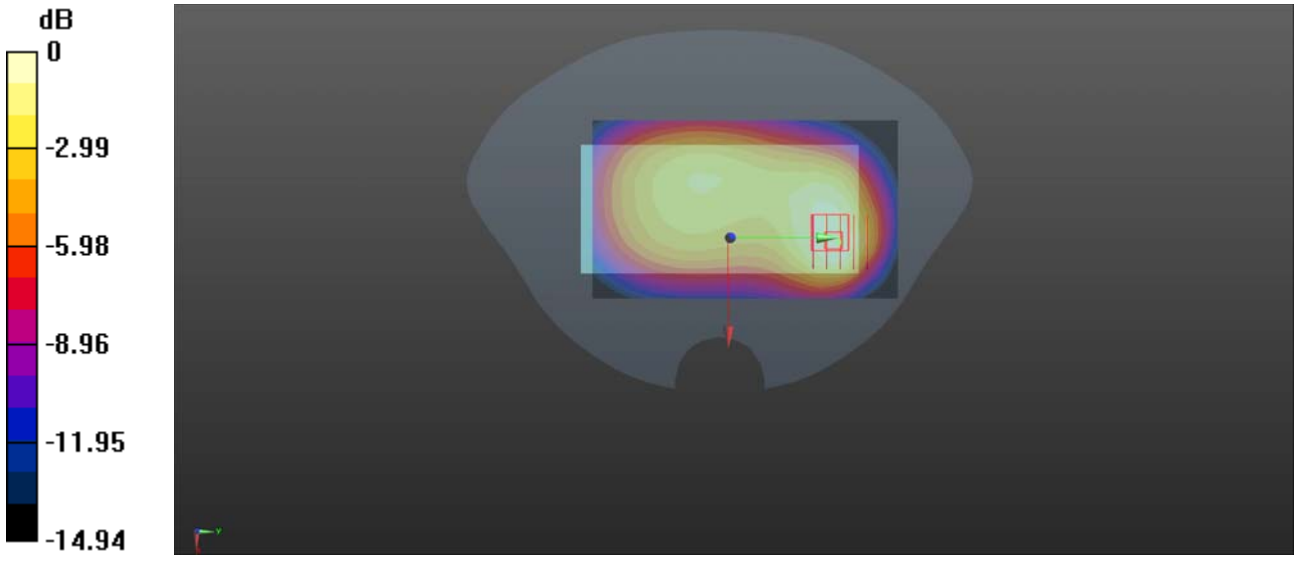
LTE Band 18_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch23925_Ant 1

Communication System: UID 0, LTE (0); Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used (interpolated): f = 822.5 MHz; σ = 0.922 S/m; ε_r = 42.691; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 822.5 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)

Ch23925/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.452 W/kg

Ch23925/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.61 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.412 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

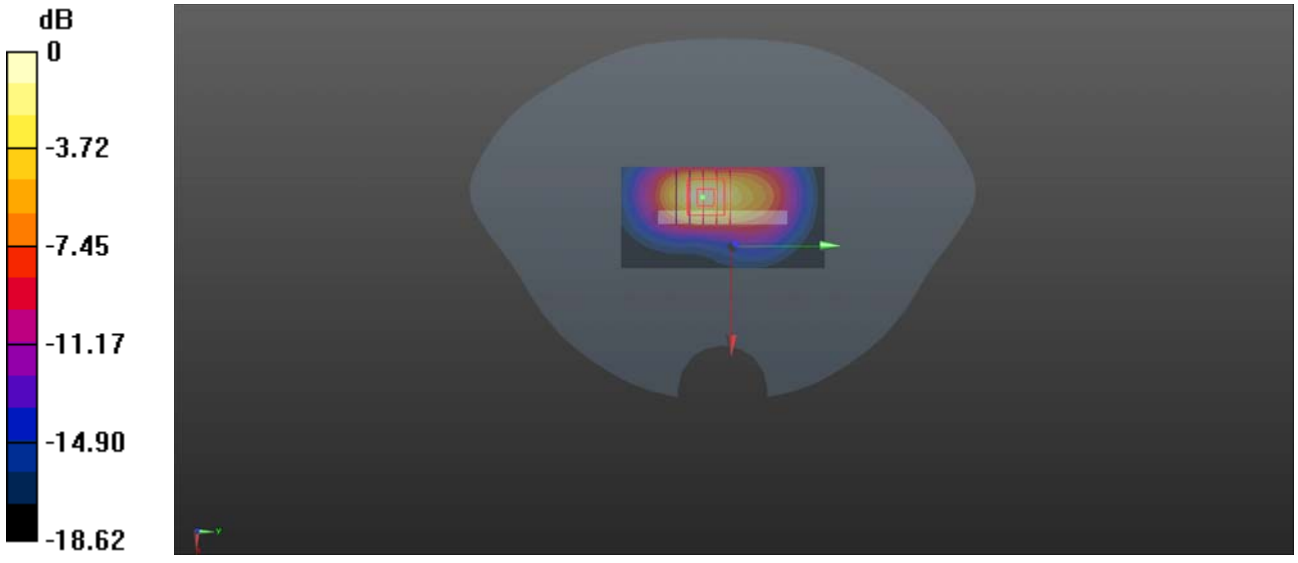
LTE Band 25_20MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch26590_Ant 1

Communication System: UID 0, LTE (0); Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1905 MHz; σ = 1.378 S/m; ε_r = 39.994; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1882.5 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)

Ch26590/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.21 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.477 W/kg
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

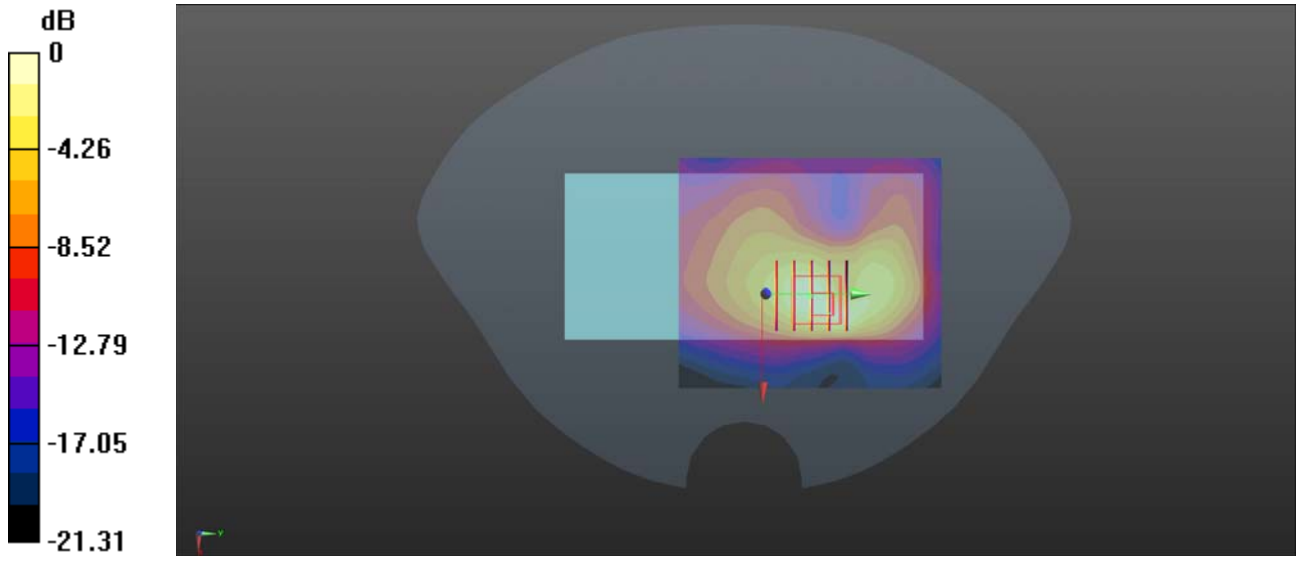
LTE Band 25_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26365_Ant 4

Communication System: UID 0, LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1882.5 MHz; σ = 1.366 S/m; ε_r = 40.123; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 821.5 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)

Ch26365/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.601 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.456 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.238 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 53.7%
Maximum value of SAR (measured) = 0.641 W/kg



0 dB = 0.641 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

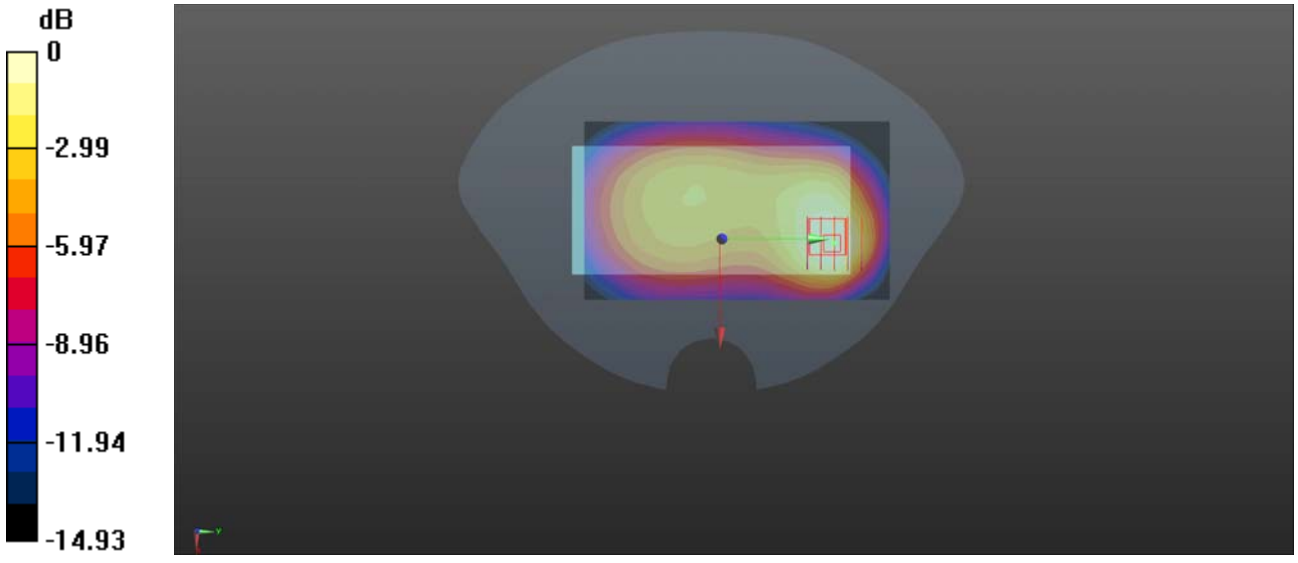
LTE Band 26_15MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch26965_Ant 1

Communication System: UID 0, LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 841.5 MHz; σ = 0.951 S/m; ε_r = 42.978; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 821.5 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)

Ch26965/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.564 W/kg

Ch26965/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.82 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.616 W/kg
SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.251 W/kg
Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

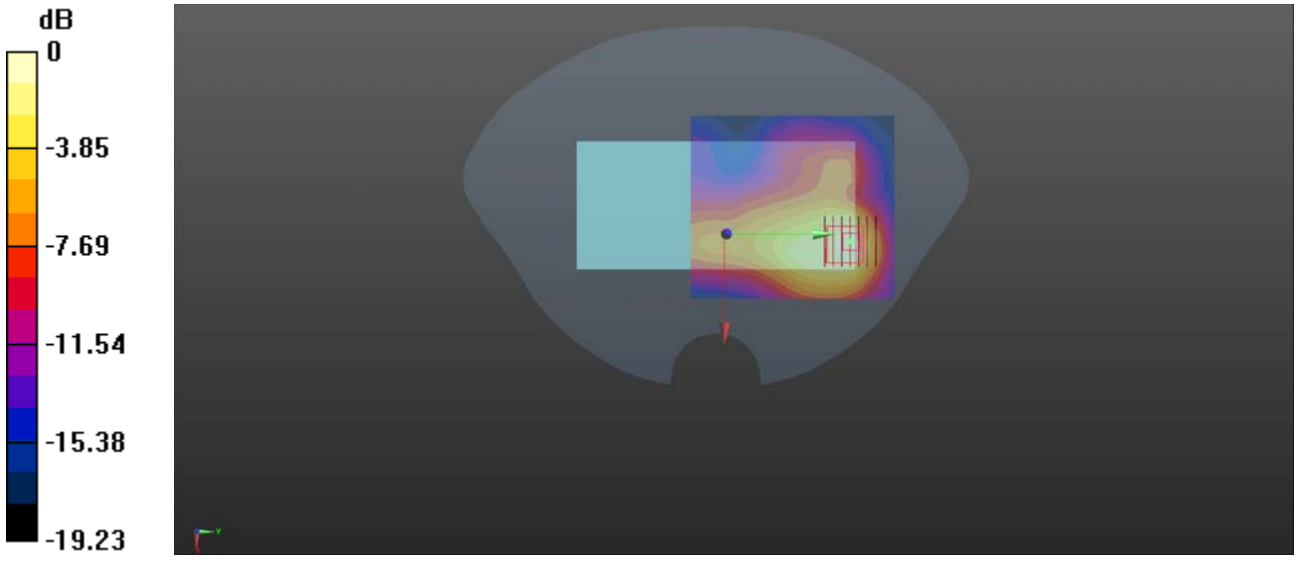
LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38000_Ant 1

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：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 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) = 0.554 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.497 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.164 W/kg
Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

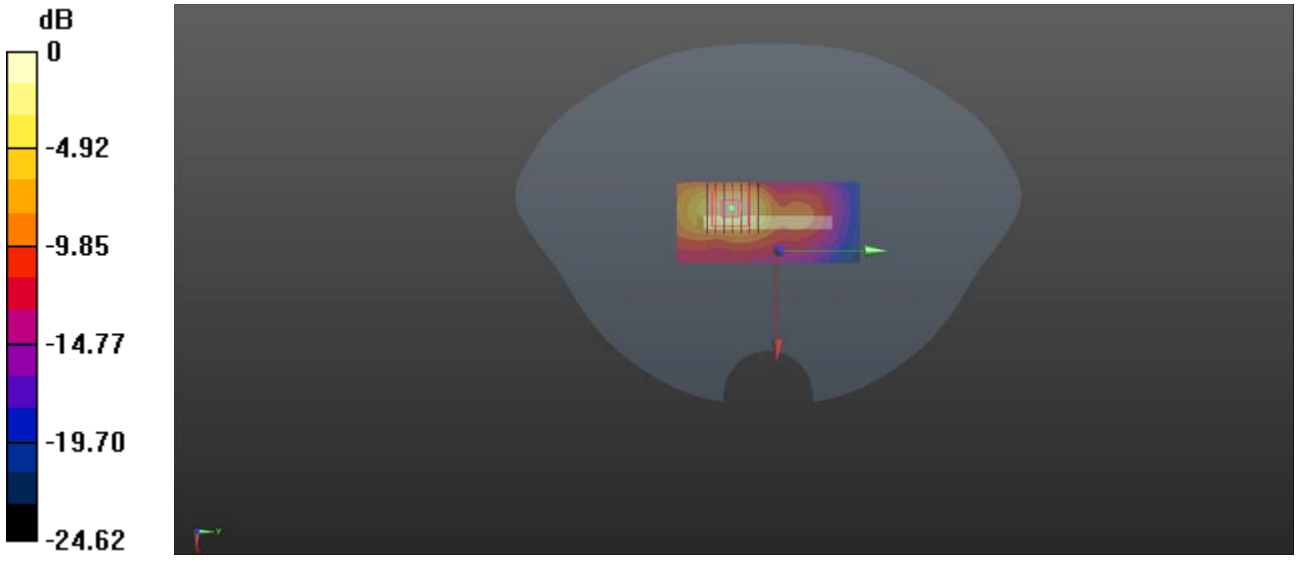
LTE Band 38_20MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch37850_Ant 1

Communication System: UID 0, LTE (0); Frequency: 2580 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2580 MHz; σ = 1.961 S/m; ε_r = 38.173; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2580 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)

Ch37850/Area Scan (41x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.582 W/kg

Ch37850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.010 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.832 W/kg
SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.603 W/kg



0 dB = 0.603 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

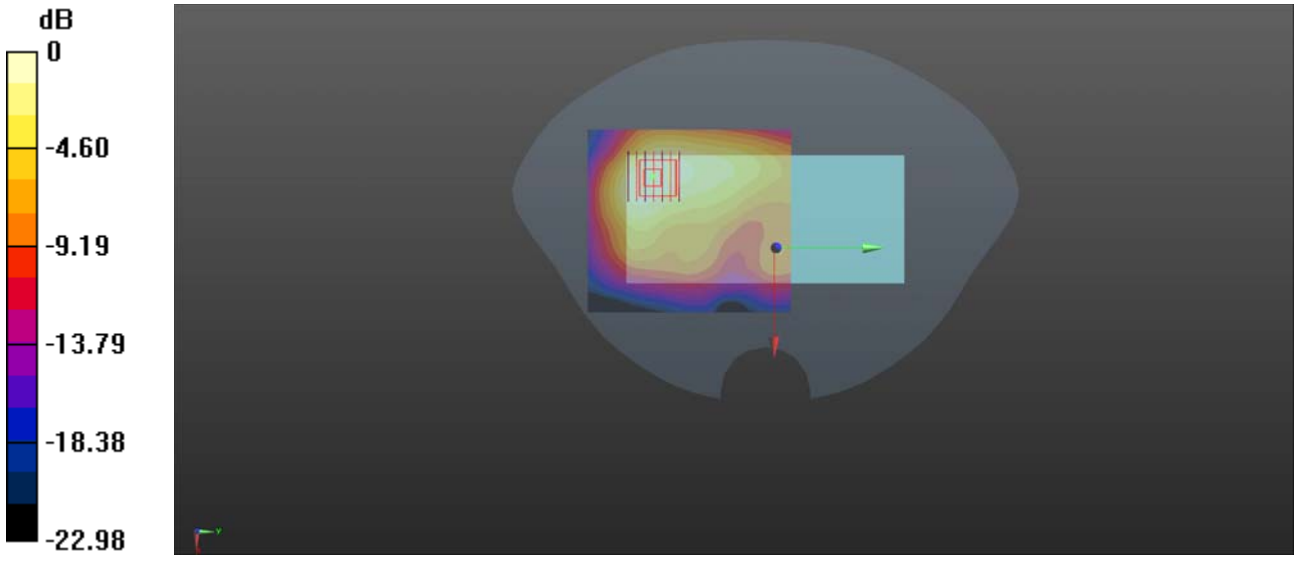
LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch41490_Ant 0

Communication System: UID 0, LTE (0); Frequency: 2680 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2680 MHz; σ = 2.065 S/m; ε_r = 37.723; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2680 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)

Ch41490/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.822 W/kg

Ch41490/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.187 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 0.795 W/kg



0 dB = 0.795 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.08

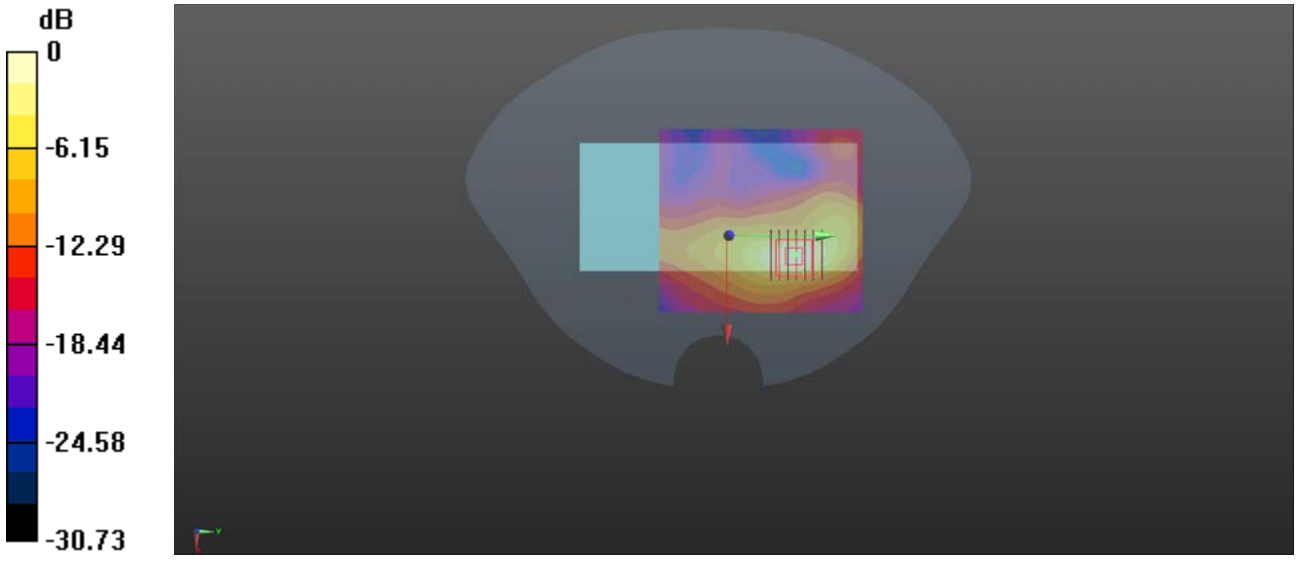
LTE Band 48_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch55340_Ant 4

Communication System: UID 0, LTE (0); Frequency: 3560 MHz;Duty Cycle: 1:1.59
Medium: HSL_3700 Medium parameters used: f = 3560 MHz; σ = 2.919 S/m; ε_r = 39.078; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(6.73, 6.73, 6.73) @ 3560 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)

Ch55340/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.996 W/kg

Ch55340/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.441 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.224 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: 2023.01.20

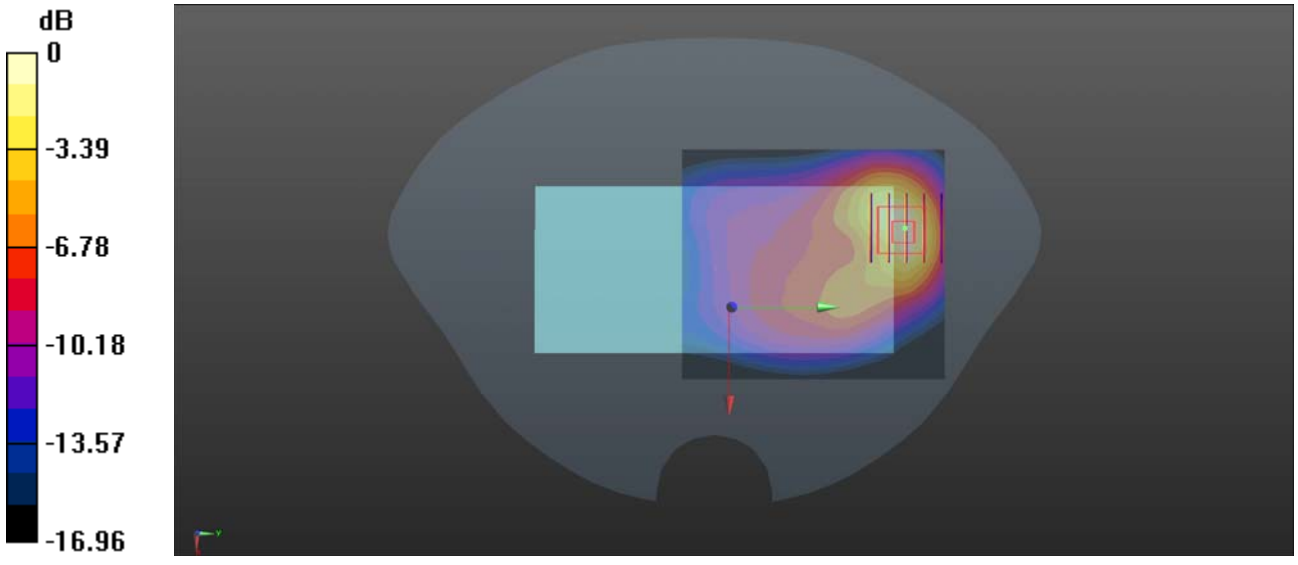
LTE Band 66_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch132322_Ant 1

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 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1745 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)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.771 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.933 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.317 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 59.8%
Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.808 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

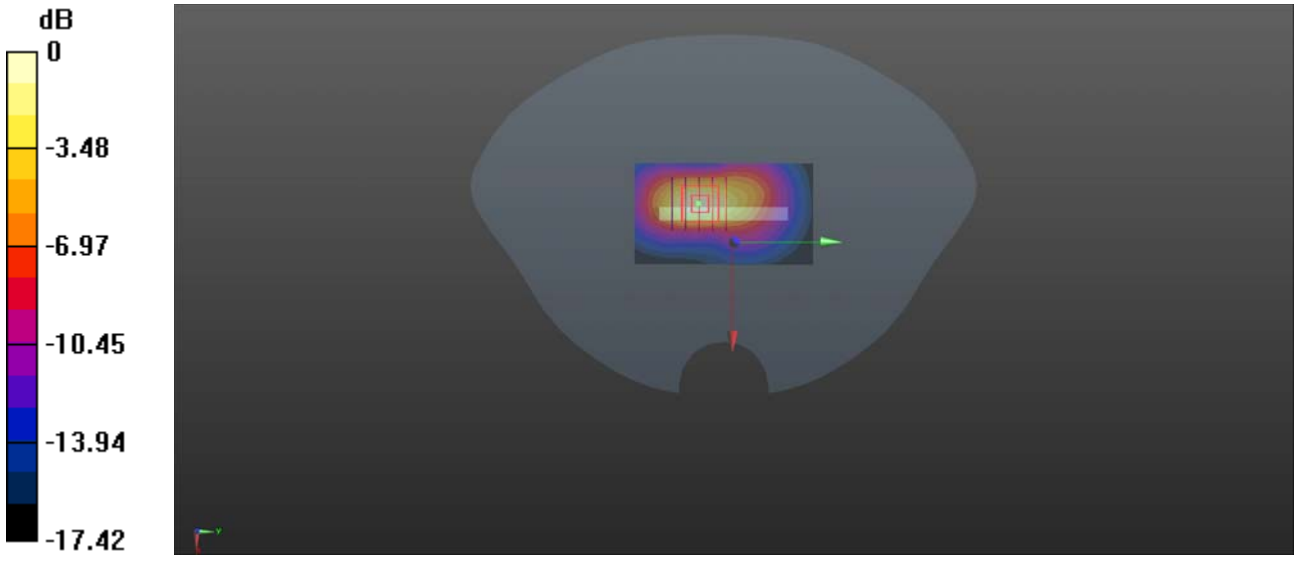
LTE Band 66_20MHz_QPSK_1RB_0Offset_Top Side_10mm_Ch132322_Ant 1

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 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1745 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)

Ch132322/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.52 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.498 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

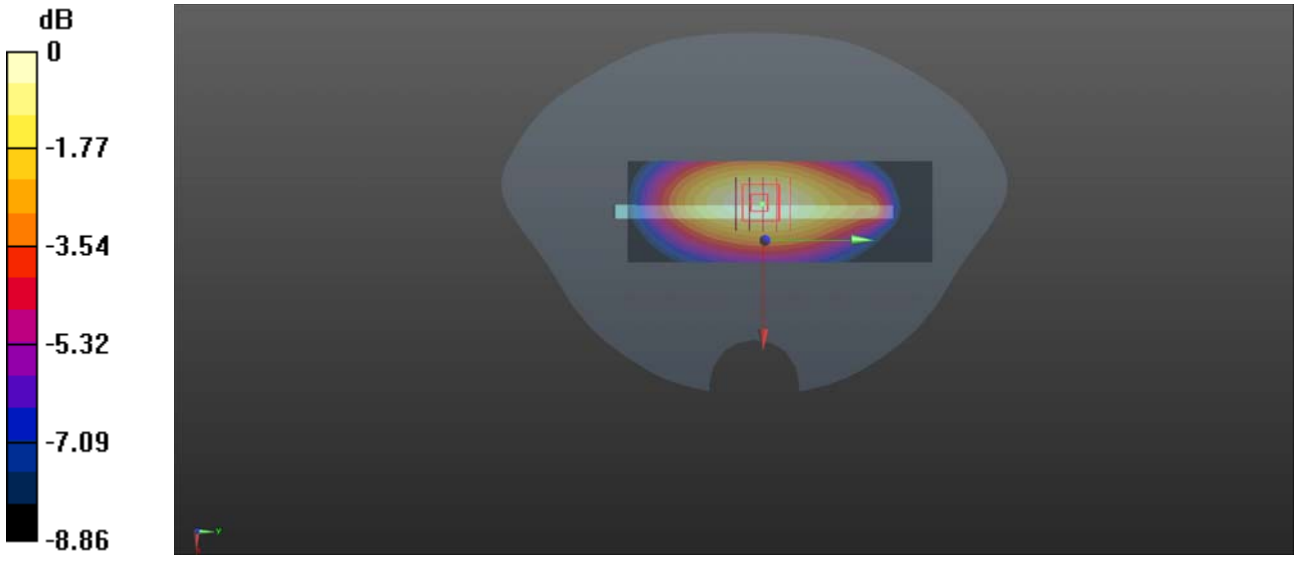
LTE Band 71_20MHz_QPSK_1RB_0Offset_Left Side_10mm_Ch133372_Ant 1

Communication System: UID 0, LTE (0); Frequency: 688 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 688 MHz; σ = 0.914 S/m; ε_r = 42.29; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 688 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)

Ch133372/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.409 W/kg

Ch133372/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.87 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.414 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

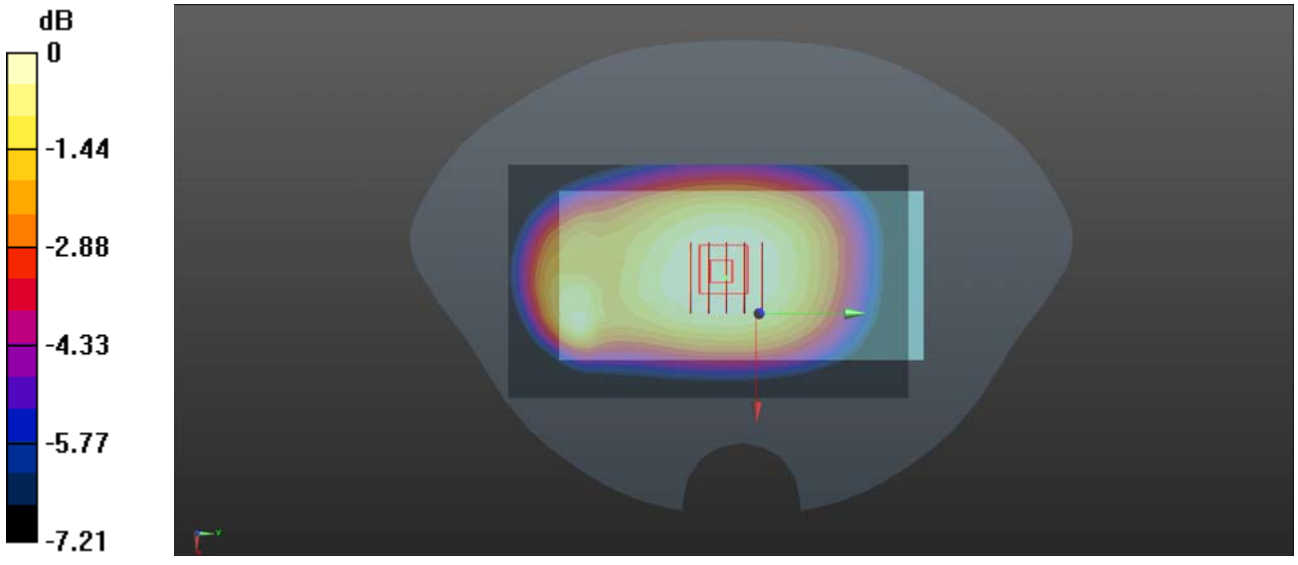
LTE Band 71_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch133372_Ant 0

Communication System: UID 0, LTE (0); Frequency: 688 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 688 MHz; σ = 0.914 S/m; ε_r = 42.29; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 683 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)

Ch133372/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.290 W/kg

Ch133372/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.11 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.194 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 79.6%
Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

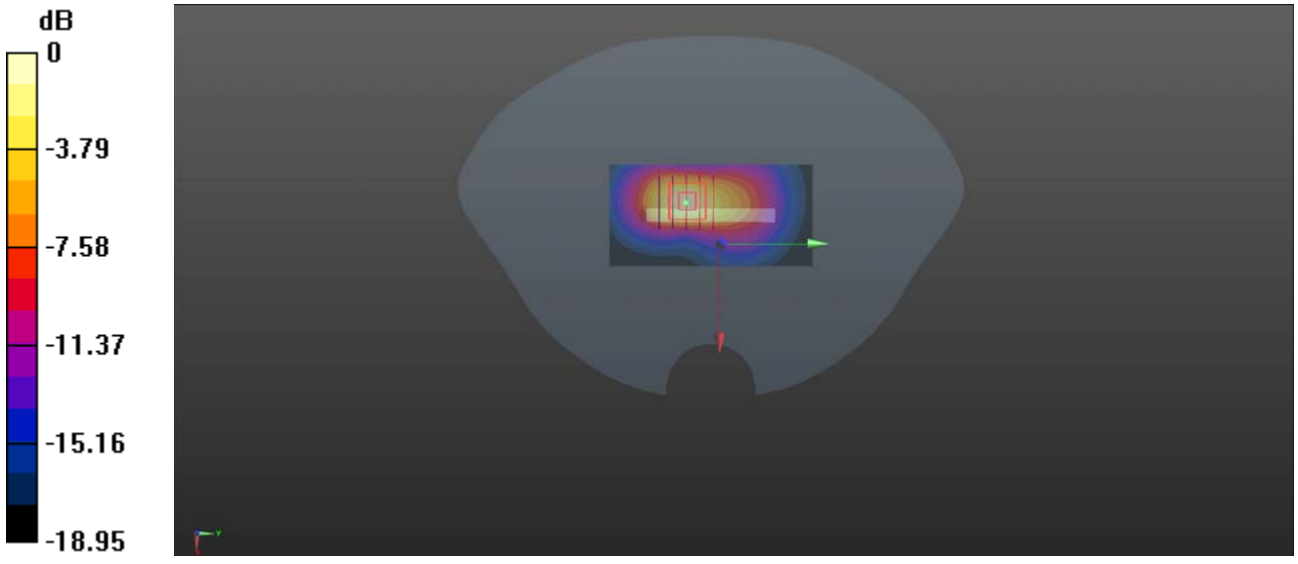
5G NR n2_20Mhz_DFT-S-QPSK_1RB_1Offset_Top Side_10mm_Ch380000_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1900 MHz; σ = 1.375 S/m; ε_r = 39.998; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

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)

Ch38000/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Ch38000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.26 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.399 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

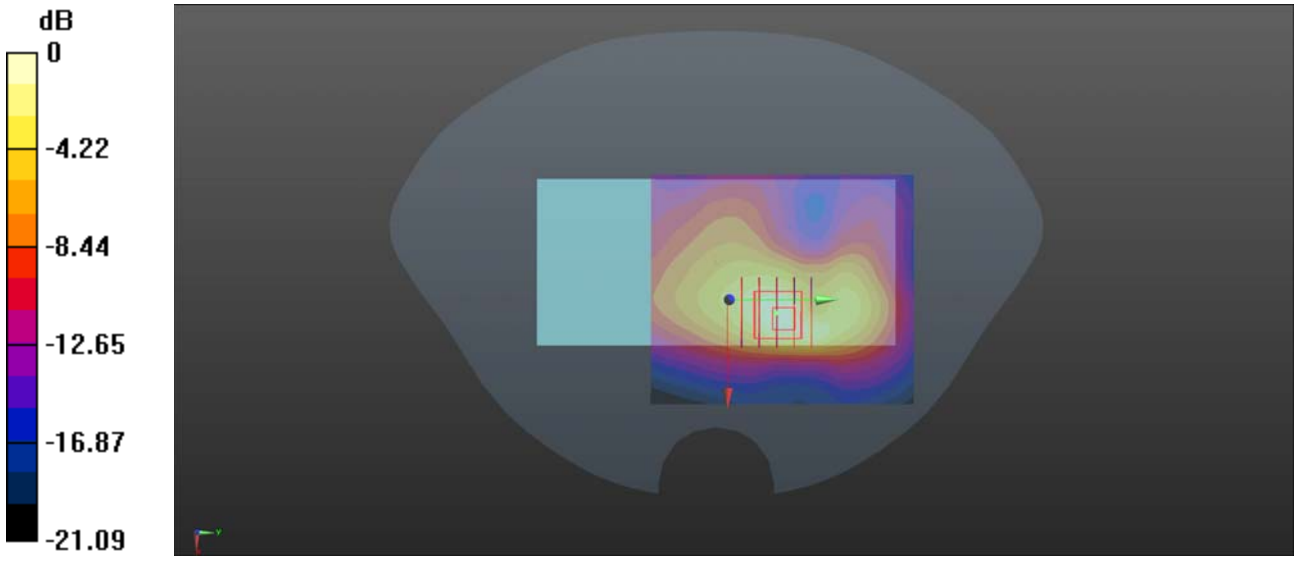
5G NR n2_20Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch376000_Ant 4

Communication System: UID 0, 5G NR (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_2000 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 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1880 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)

Ch376000/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.582 W/kg

Ch376000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.533 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.220 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 57.1%
Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.13

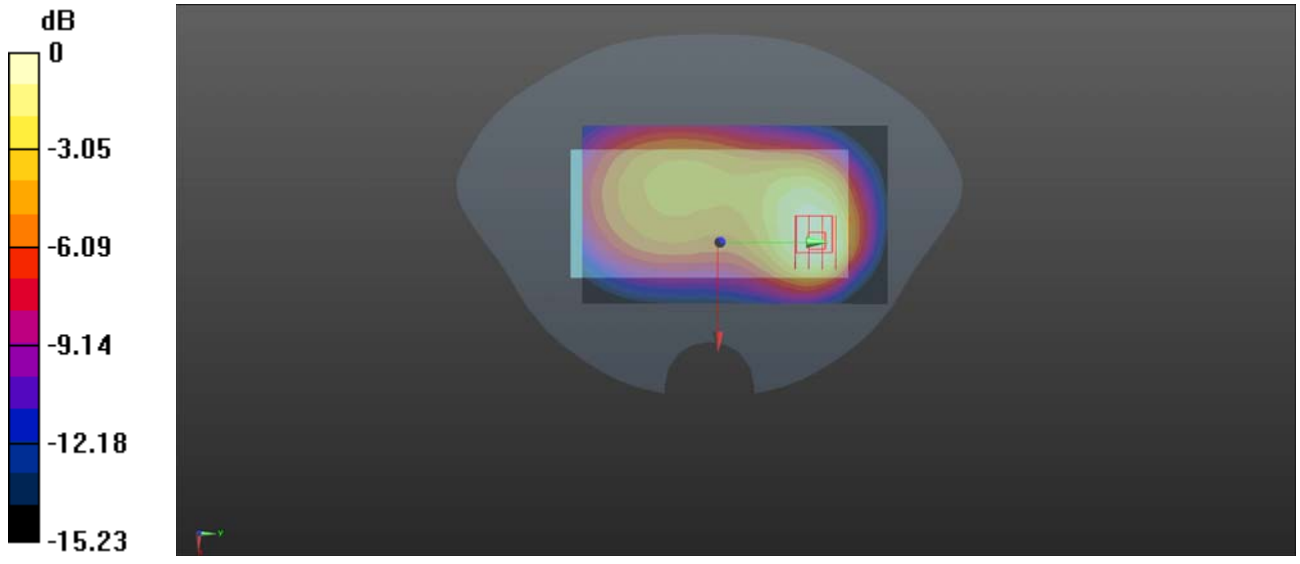
5G NR n5_20Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch166800_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 834 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 834 MHz; σ = 0.94 S/m; ε_r = 42.871; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 834 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)

Ch166800/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.456 W/kg

Ch166800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.51 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.422 W/kg



0 dB = 0.422 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

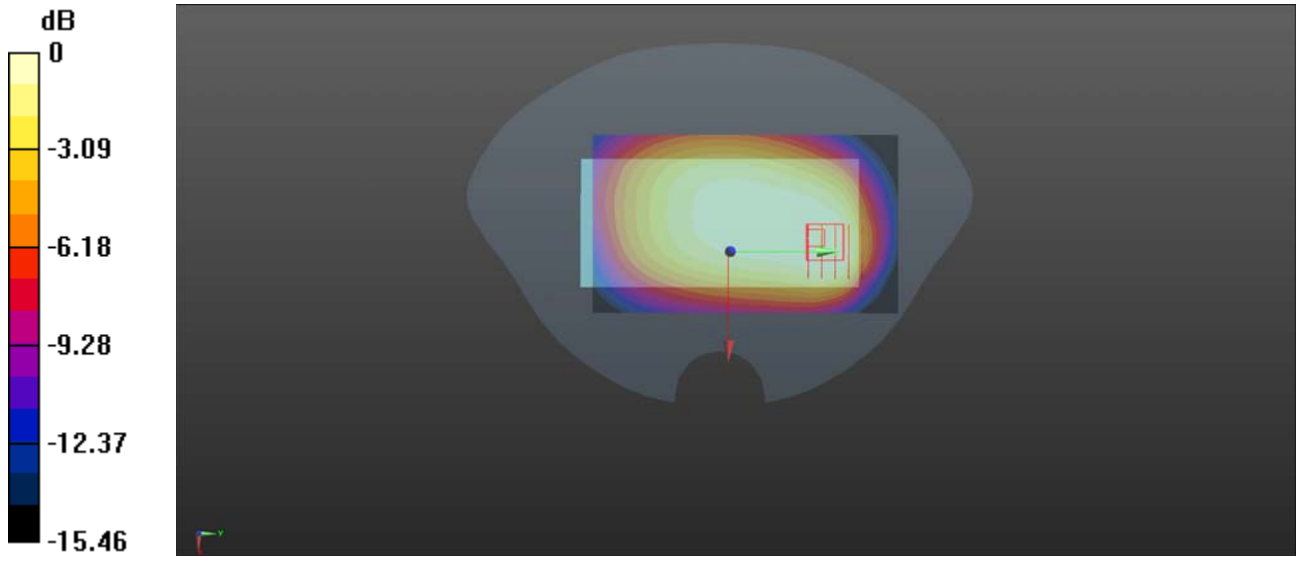
5G NR n12_15Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch141700_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 707.5 MHz; σ = 0.919 S/m; ε_r = 42.233; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 707.5 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)

Ch141500/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

Ch141500/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.25 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.17

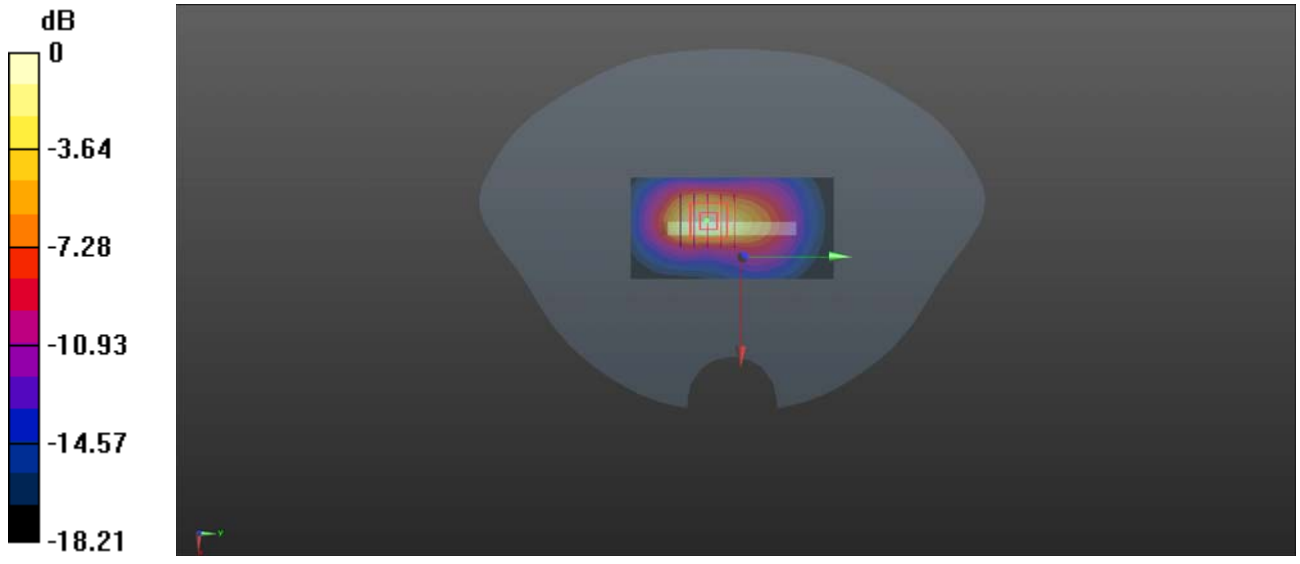
5G NR n25_40Mhz_DFT-S-QPSK_1RB_1Offset_Top Side_10mm_Ch381000_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1905 MHz; σ = 1.378 S/m; ε_r = 39.994; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1905 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)

Ch381000/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Ch381000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.15 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.349 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: 2023.01.17

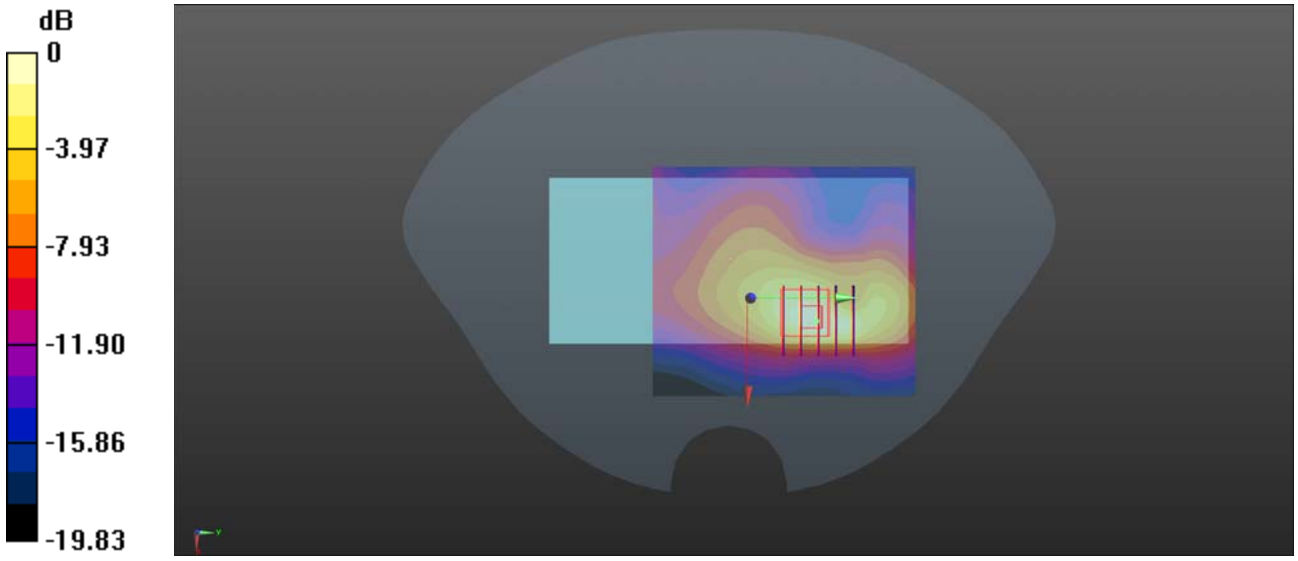
5G NR n25_20Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch381000_Ant 4

Communication System: UID 0, 5G NR (0); Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1905 MHz; σ = 1.378 S/m; ε_r = 39.994; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.27, 8.27, 8.27) @ 1905 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)

Ch381000/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.675 W/kg

Ch381000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.350 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.217 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.629 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.22

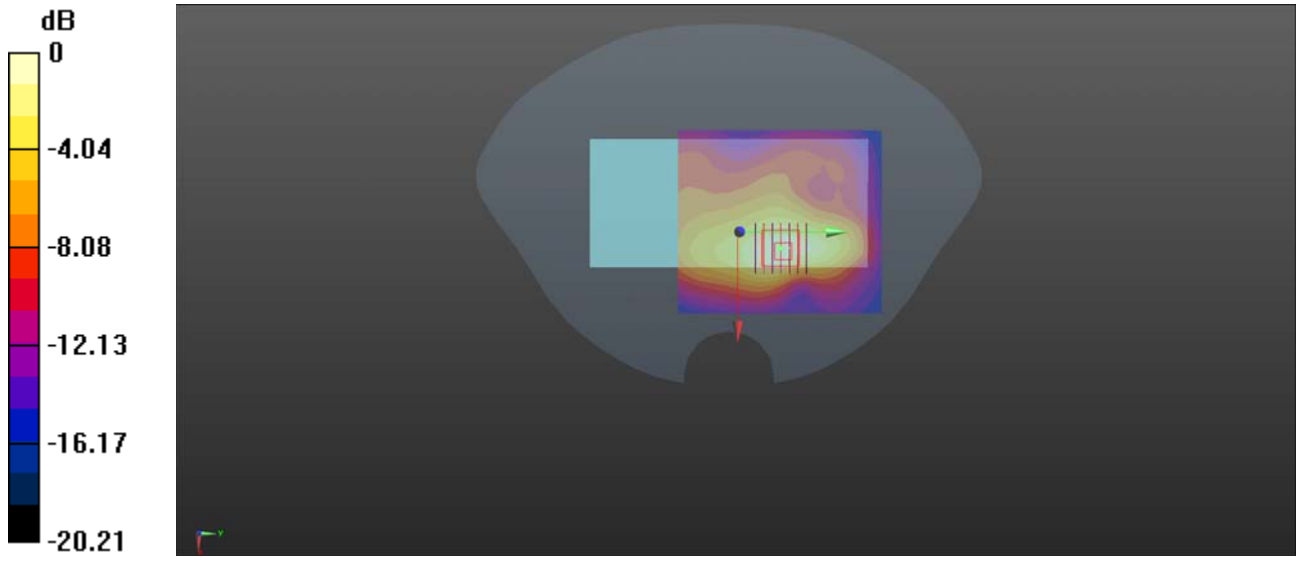
5G NR n41_100Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch513900_Ant 4

Communication System: UID 0, 5G NR (0); Frequency: 2569.5 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2570 MHz; σ = 1.952 S/m; ε_r = 38.235; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 2569.5 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)

Ch513900/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.689 W/kg

Ch513900/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.278 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.904 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.229 W/kg
Maximum value of SAR (measured) = 0.646 W/kg



0 dB = 0.646 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.16

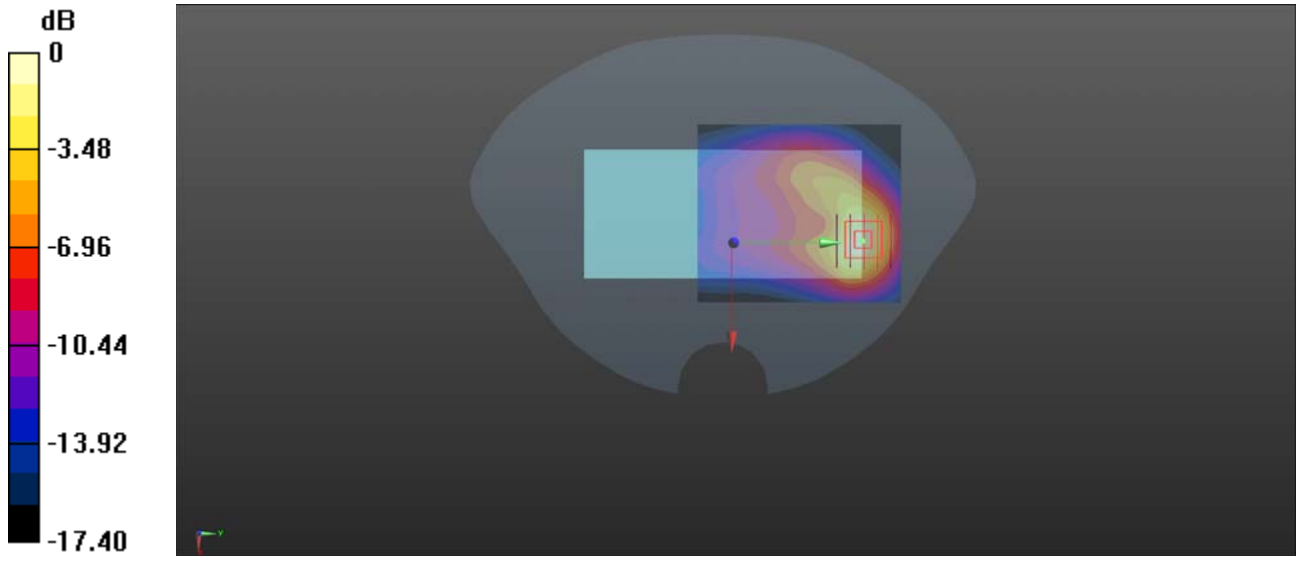
5G NR n66_20Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch349000_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 1745 MHz; σ = 1.415 S/m; ε_r = 40.469; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1745 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)

Ch349000/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.543 W/kg

Ch349000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.246 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.20

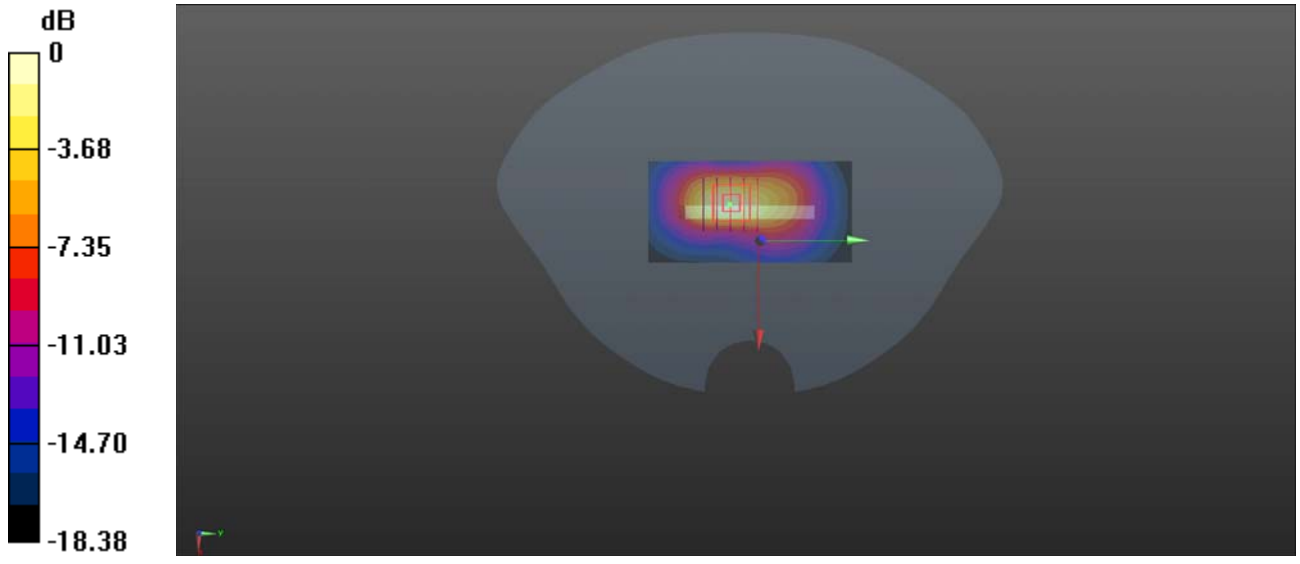
5G NR n66_20Mhz_DFT-S-QPSK_1RB_1Offset_Top Side_10mm_Ch349000_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1745 MHz; σ = 1.415 S/m; ε_r = 40.469;
ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(8.6, 8.6, 8.6) @ 1745 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)

Ch34900/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Ch34900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.43 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.15

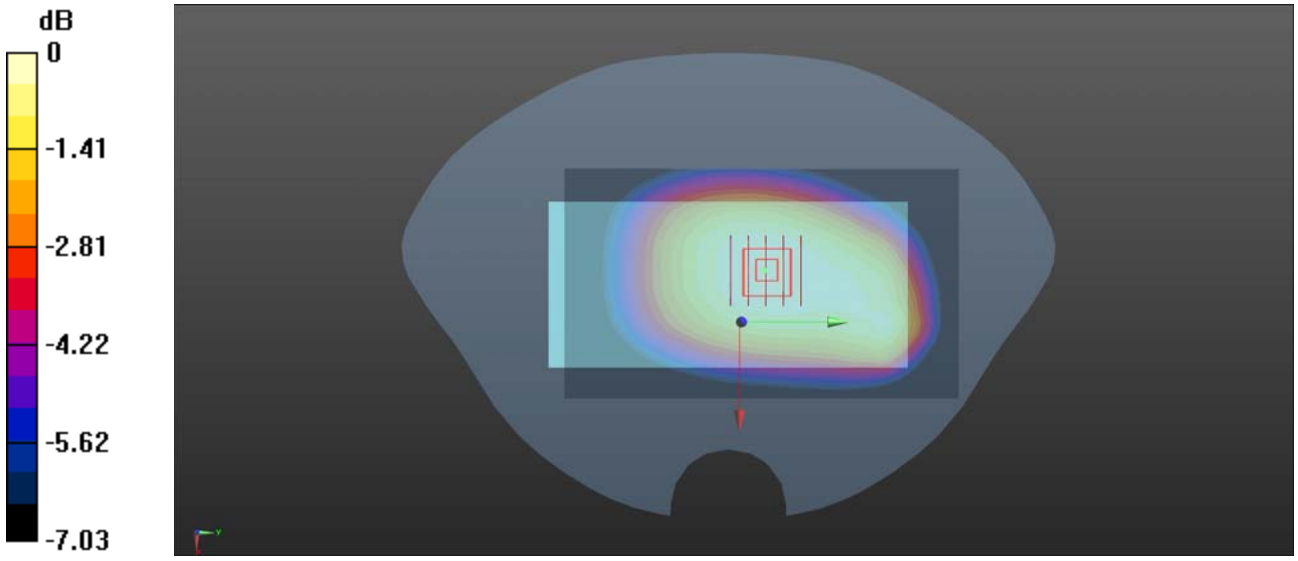
5G NR n71_20Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch136100_Ant 1

Communication System: UID 0, 5G NR (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 680.5 MHz; σ = 0.911 S/m; ε_r = 42.339; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(10.43, 10.43, 10.43) @ 680.5 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)

Ch136100/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.233 W/kg

Ch136100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.89 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.158 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 79.8%
Maximum value of SAR (measured) = 0.232 W/kg



0 dB = 0.232 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.01

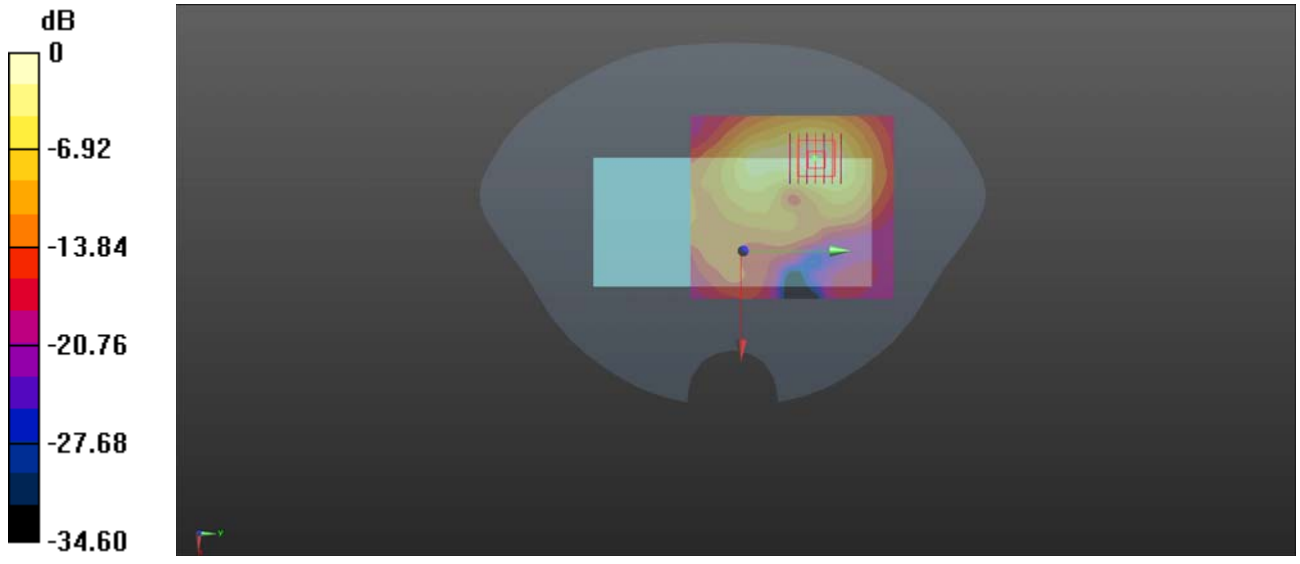
5G NR n77_100Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch633334_Ant 3

Communication System: UID 0, 5G NR (0); Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: HSL_3500 Medium parameters used: f = 3500 MHz; σ = 3.039 S/m; ε_r = 39.064; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.08, 7.08, 7.08) @ 3500 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)

Ch633334/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.911 W/kg

Ch633334/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.563 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.910 W/kg



0 dB = 0.910 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.03

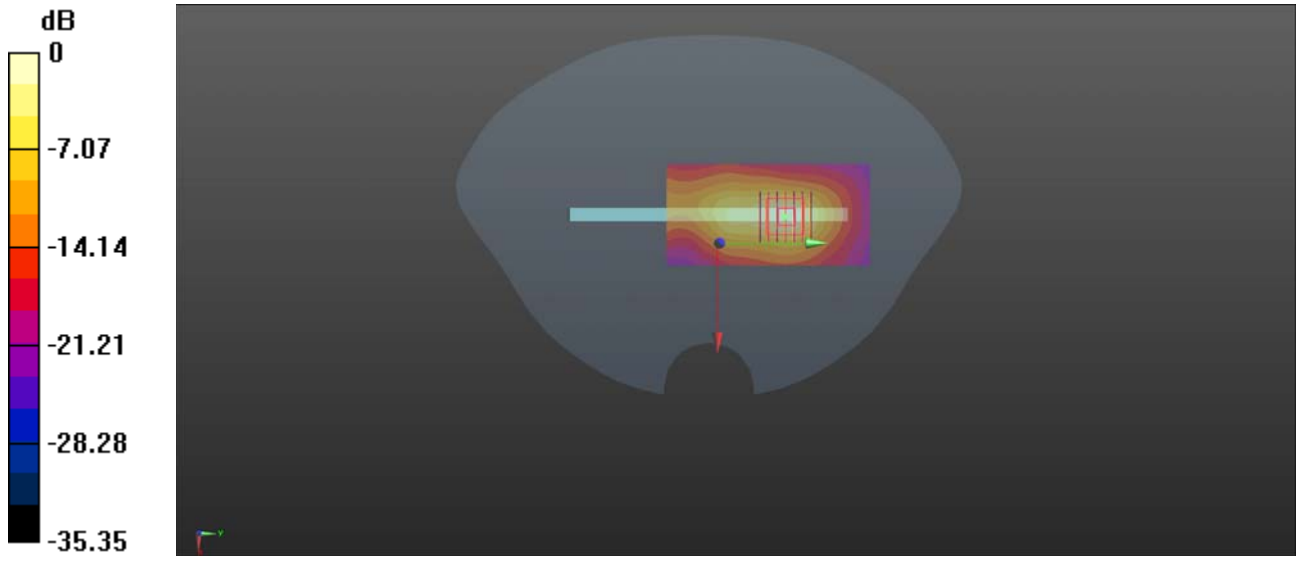
5G NR n77_100Mhz_DFT-S-QPSK_1RB_1Offset_Right Side_10mm_Ch633334_Ant 3

Communication System: UID 0, 5G NR (0); Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: HSL_3500 Medium parameters used: f = 3500 MHz; σ = 3.039 S/m; ε_r = 39.064; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.08, 7.08, 7.08) @ 3500 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)

Ch633334/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Ch633334/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.397 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.26 W/kg
SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.327 W/kg
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.01

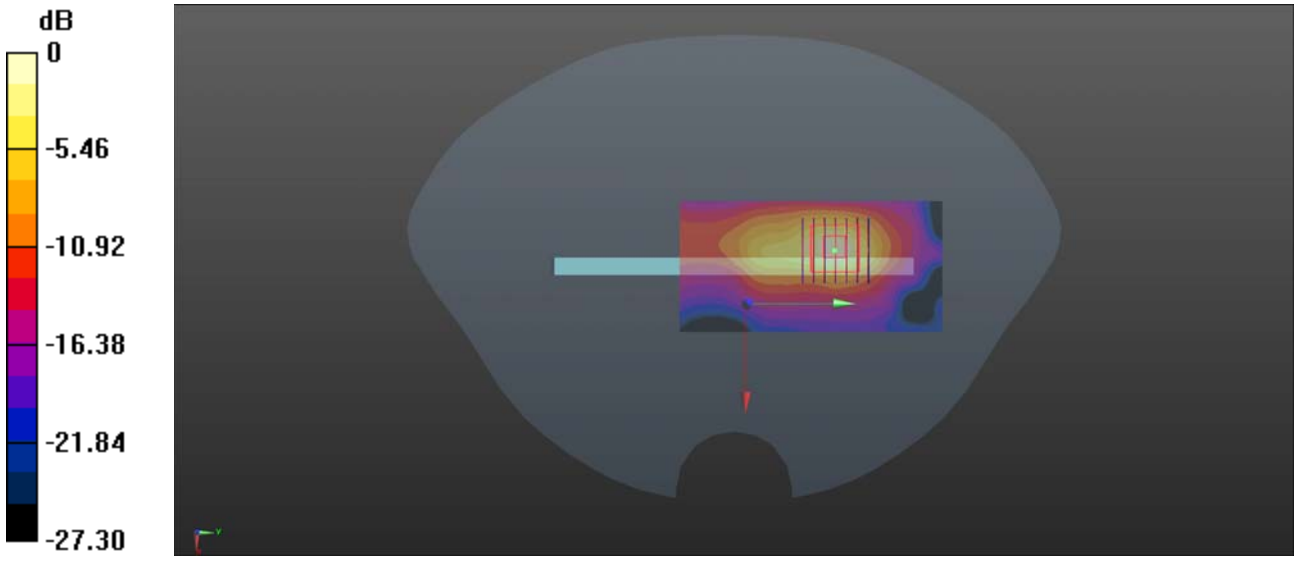
5G NR n78_100Mhz_DFT-S-QPSK_1RB_1Offset_Right Side_10mm_Ch633334_Ant 3

Communication System: UID 0, 5G NR (0); Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: HSL_3500 Medium parameters used: f = 3500 MHz; σ = 3.039 S/m; ε_r = 39.064; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(6.73, 6.73, 6.73) @ 3750 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)

Ch633334/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Ch633334/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.357 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.291 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 39.5%
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.07

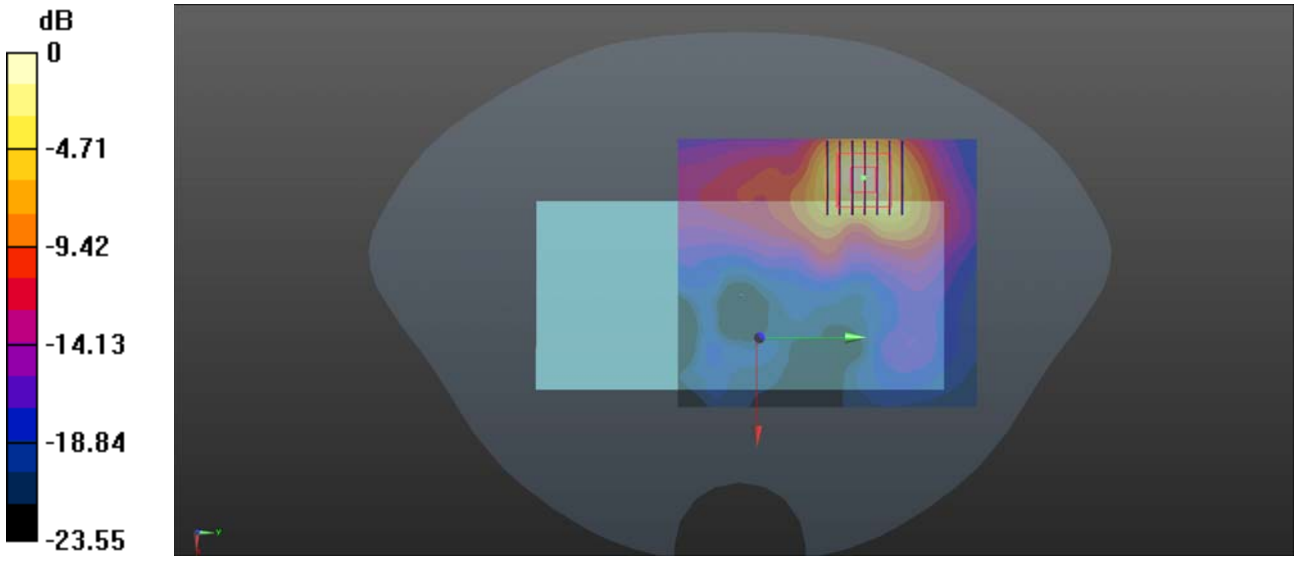
5G NR n78_100Mhz_DFT-S-QPSK_1RB_1Offset_Back Side_10mm_Ch650000_Ant 3

Communication System: UID 0, 5G NR (0); Frequency: 3750 MHz;Duty Cycle: 1:1
Medium: HSL_3700 Medium parameters used: f = 3750 MHz; σ = 3.244 S/m; ε_r = 39.175; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(6.73, 6.73, 6.73) @ 3750 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)

Ch650000/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.902 W/kg

Ch650000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.214 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 36.9%
Maximum value of SAR (measured) = 0.948 W/kg



0 dB = 0.948 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.29

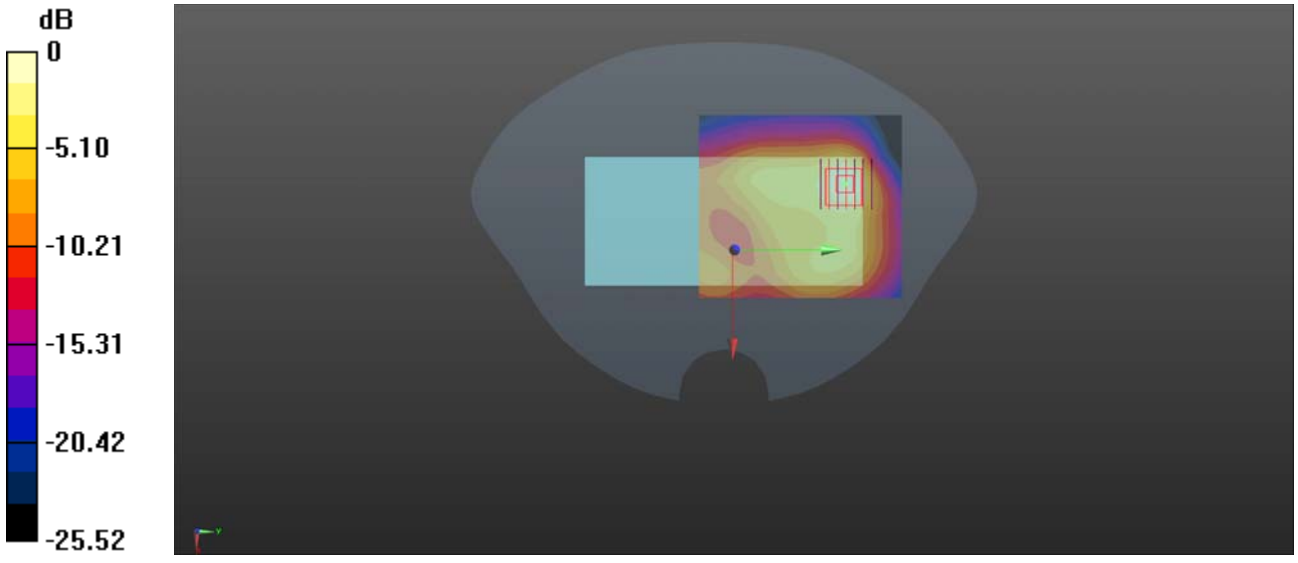
WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch1_Ant 7

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2412 MHz; σ = 1.762 S/m; ε_r = 38.862; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2412 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)

Ch1/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.842 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.430 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.239 W/kg
Maximum value of SAR (measured) = 0.796 W/kg



0 dB = 0.796 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.15

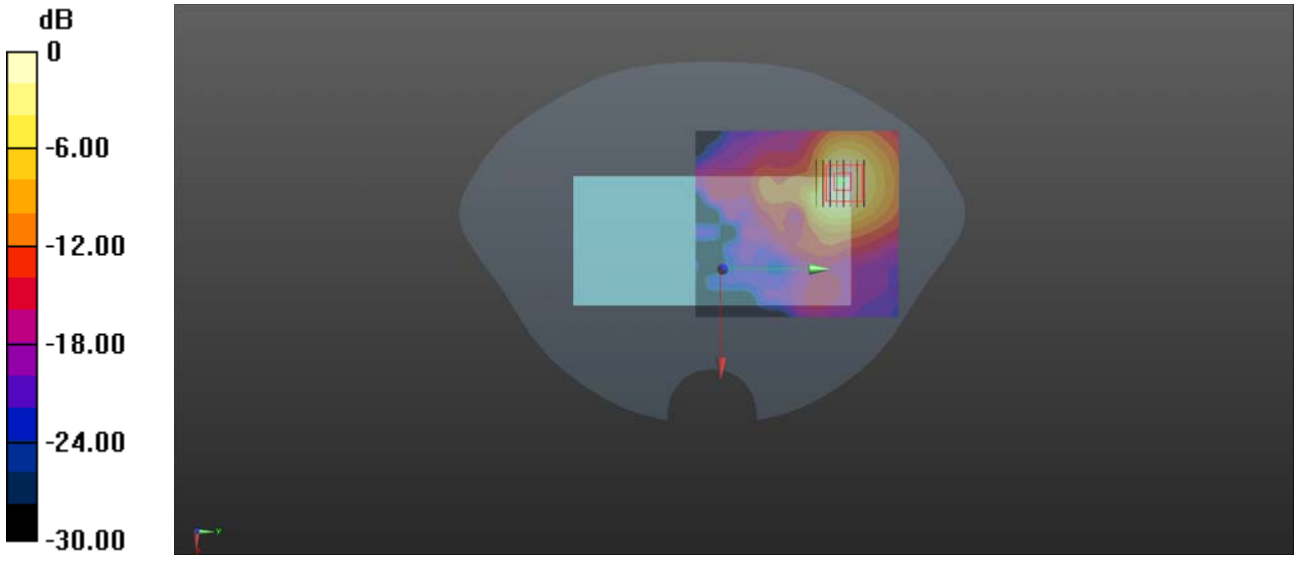
WLAN 5.2GHz_802.11n-HT40 MCS0_Back Side_10mm_Ch38_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz;Duty Cycle: 1:1.032
Medium: HSL_5250 Medium parameters used: f = 5190 MHz; σ = 4.63 S/m; ε_r = 36.154; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5190 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)

Ch38/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Ch38/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9740 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.246 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: 2023.02.15

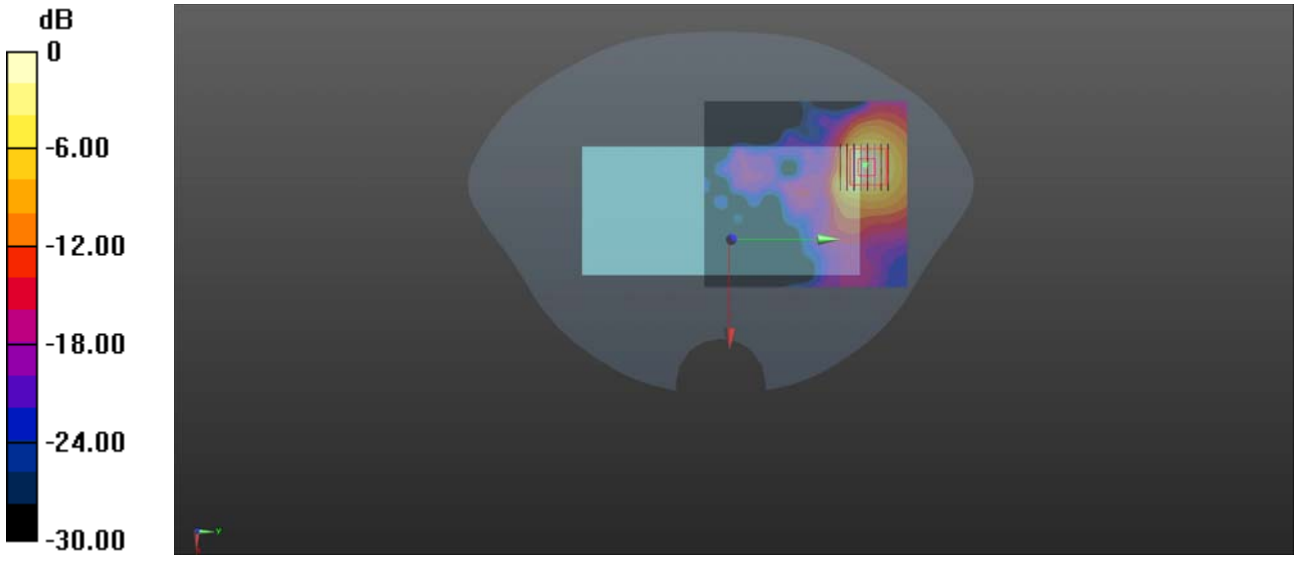
WLAN 5.3GHz_802.11n-HT40 MCS0_Back Side_10mm_Ch54_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5270 MHz;Duty Cycle: 1:1.032
Medium: HSL_5250 Medium parameters used: f = 5270 MHz; σ = 4.728 S/m; ε_r = 36.015; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5270 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)

Ch54/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch54/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.2490 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.17

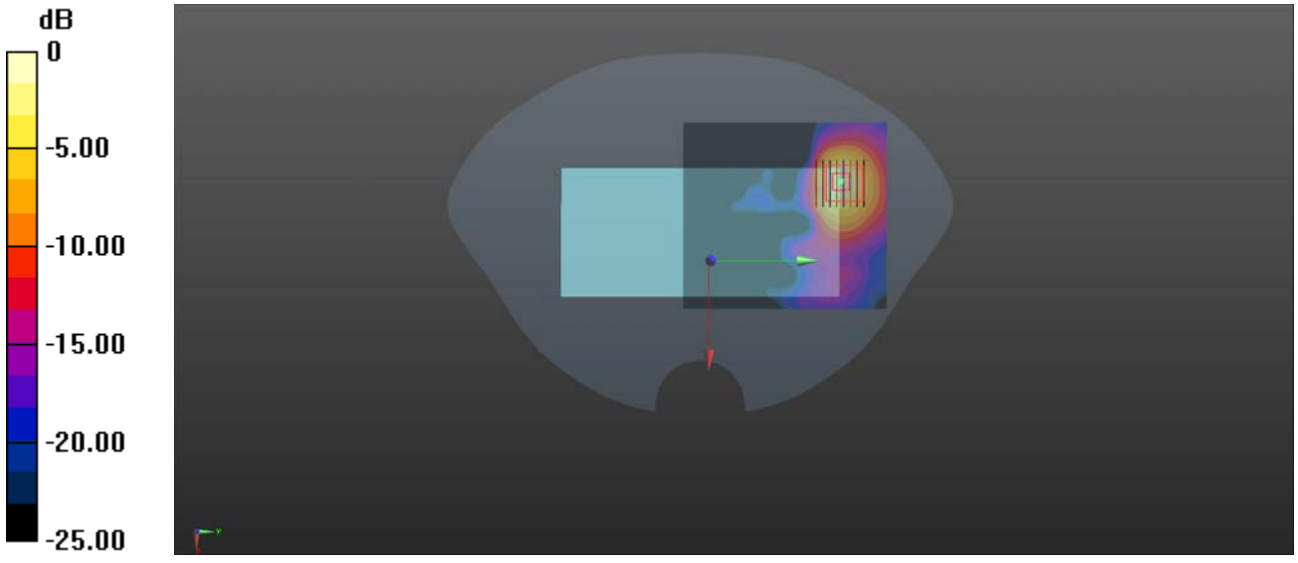
WLAN 5.5GHz_802.11a 6Mbps_Back Side_10mm_Ch100_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: HSL_5600 Medium parameters used: f = 5500 MHz; σ = 5.007 S/m; ε_r = 35.63; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.11, 5.11, 5.11) @ 5500 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)

Ch100/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Ch100/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) = 2.77 W/kg
SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.21

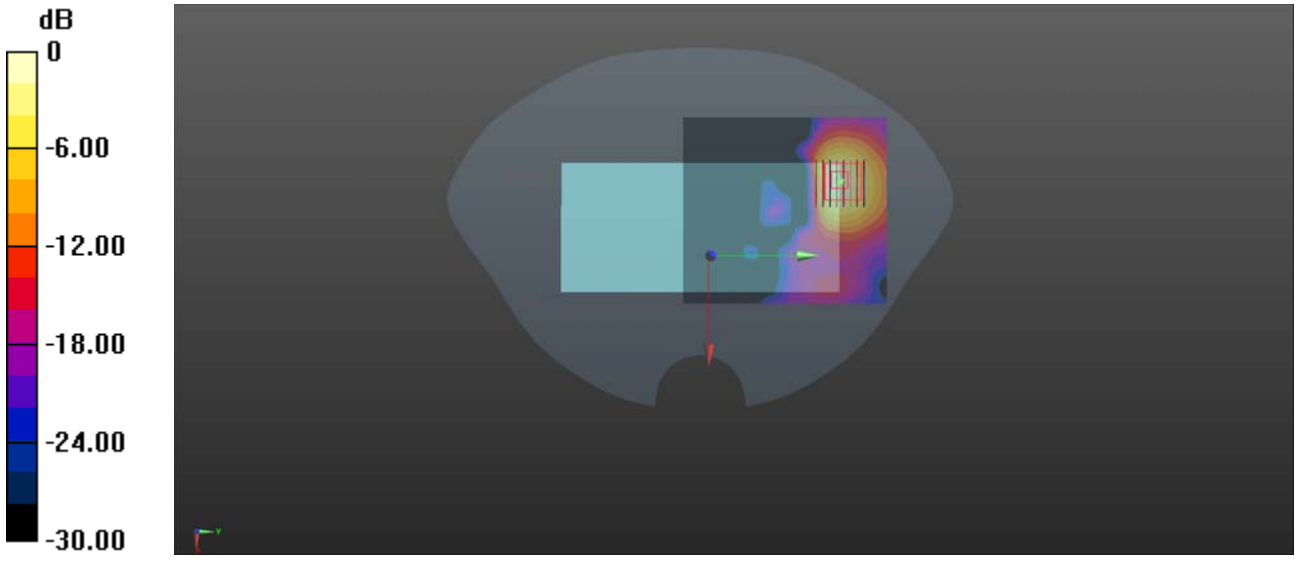
WLAN 5.8GHz_802.11n-HT40 MCS0_Back Side_10mm_Ch159_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5795 MHz;Duty Cycle: 1:1.032
Medium: HSL_5750 Medium parameters used: f = 5795 MHz; σ = 5.347 S/m; ε_r = 35.071; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.08, 5.08, 5.08) @ 5795 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)

Ch159/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Ch159/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) = 2.56 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.01.29

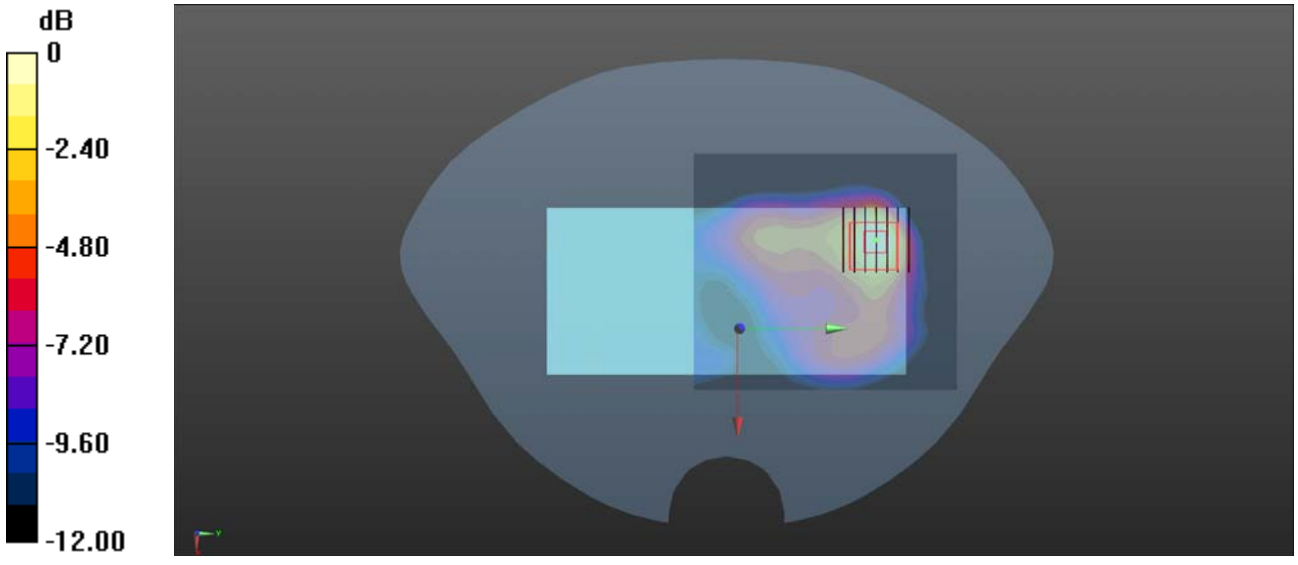
Bluetooth_DH5_Back Side_10mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2441 MHz; σ = 1.807 S/m; ε_r = 38.83; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2441 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)

Ch39/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.134 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.601 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.036 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 46.8%
Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.15

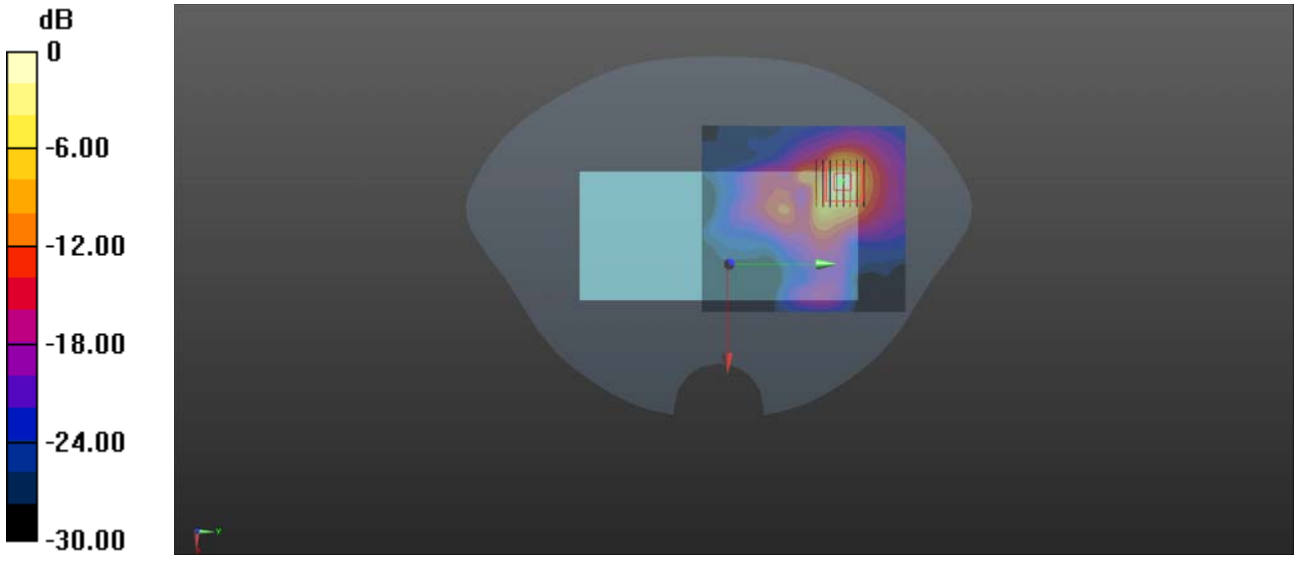
WLAN 5.3GHz_802.11n-HT40 MCS0_Back Side_0mm_Ch54_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5270 MHz;Duty Cycle: 1:1.032
Medium: HSL_5250 Medium parameters used: f = 5270 MHz; σ = 4.728 S/m; ε_r = 36.015; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.57, 5.57, 5.57) @ 5270 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)

Ch54/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.75 W/kg

Ch54/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.418 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 15.3 W/kg
SAR(1 g) = 1.61 W/kg; SAR(10 g) = 0.371 W/kg
Maximum value of SAR (measured) = 7.29 W/kg



0 dB = 7.29 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2023.02.17

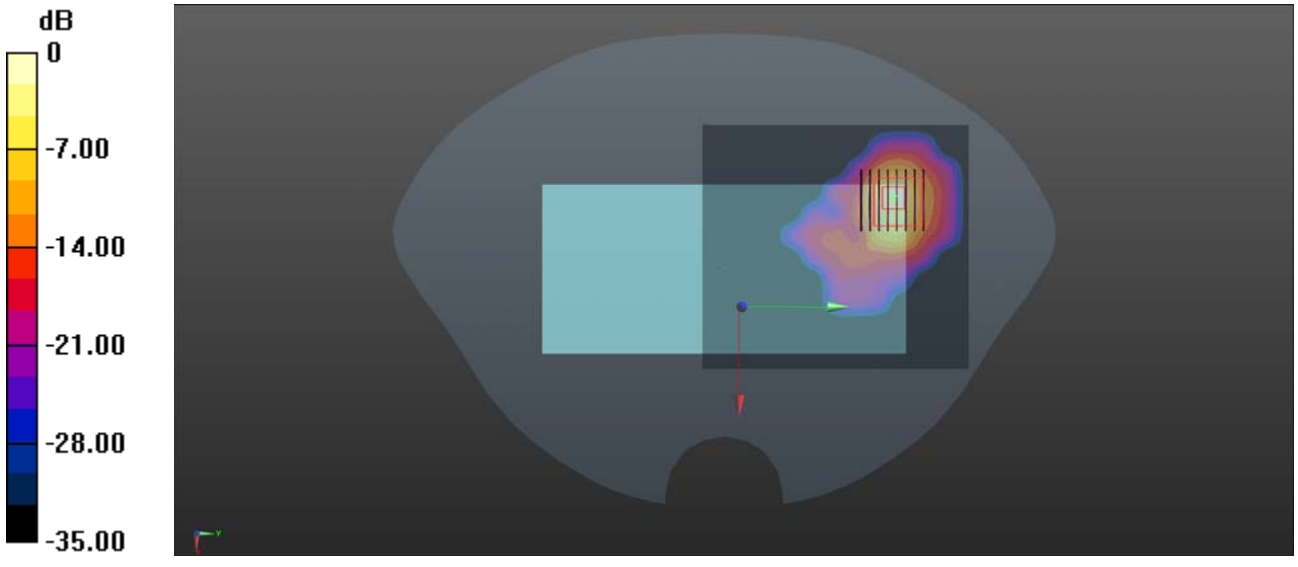
WLAN 5.5GHz_802.11a 6Mbps_Back Side_0mm_Ch144_Ant 7

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5720 MHz;Duty Cycle: 1:1.015
Medium: HSL_5250 Medium parameters used: f = 5720 MHz; σ = 5.266 S/m; ε_r = 35.22; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7624; ConvF(5.11, 5.11, 5.11) @ 5500 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)

Ch144/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.53 W/kg

Ch144/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) = 11.0 W/kg
SAR(1 g) = 1.98 W/kg; SAR(10 g) = 0.456 W/kg
Smallest distance from peaks to all points 3 dB below = 4 mm
Ratio of SAR at M2 to SAR at M1 = 51.2%
Maximum value of SAR (measured) = 4.31 W/kg



0 dB = 4.31 W/kg