

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 4/12/2022

GSM 850-M-Head

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1) (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.48, 8.48, 8.48) @ 836.6 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Cheek/CH 190/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.874 W/kg

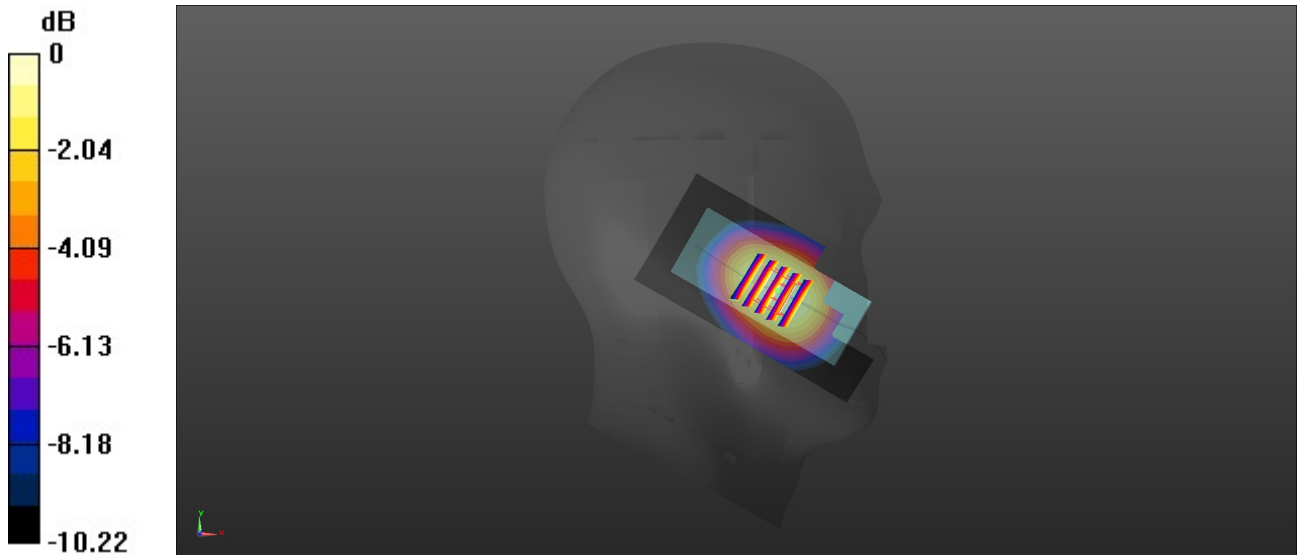
Left Cheek/CH 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.822 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.973 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.527 W/kg

Maximum value of SAR (measured) = 0.829 W/kg



0 dB = 0.829 W/kg = 0.81 dBW/kg

GSM 1900-L-Head

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.66993

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 38.92$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.2°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.18, 7.18, 7.18) @ 1850.2 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Cheek/CH 512/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.171 W/kg

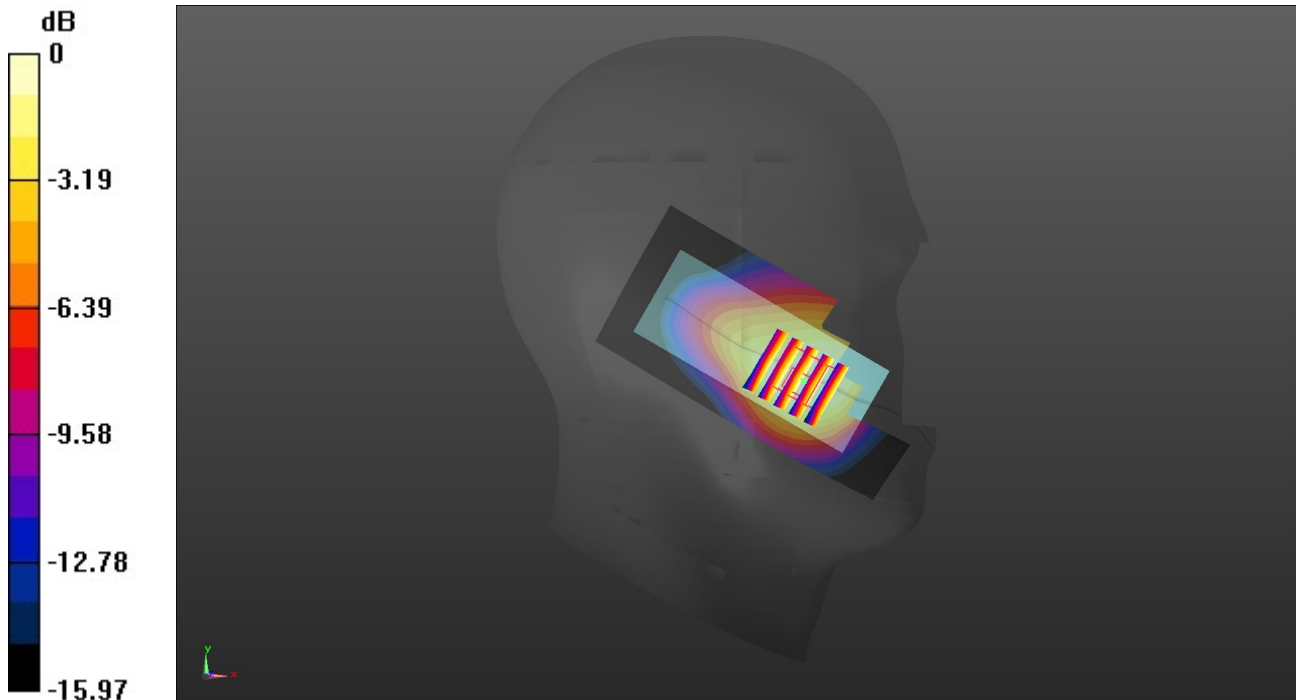
Left Cheek/CH 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.234 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.171 W/kg = -7.67 dBW/kg

WCDMA Band II-H-Head

Communication System: UID 0, Generic UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1907.6 \text{ MHz}$; $\sigma = 1.414 \text{ S/m}$; $\epsilon_r = 38.865$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section
 Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.18, 7.18, 7.18) @ 1907.6 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Cheek/CH 9538/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.245 W/kg

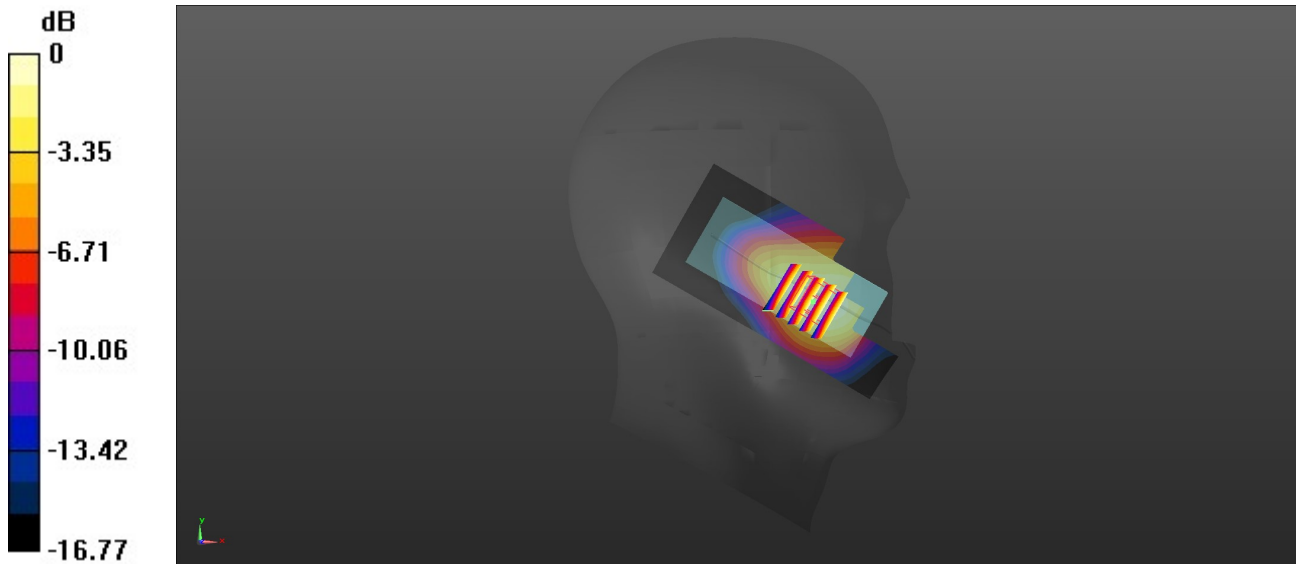
Left Cheek/CH 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.360 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.124 W/kg

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



0 dB = 0.245 W/kg = -6.10 dBW/kg

WCDMA Band V-L-Head

Communication System: UID 0, Generic UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 40.962$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.2°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.48, 8.48, 8.48) @ 826.4 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Cheek/CH 4132/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.04 W/kg

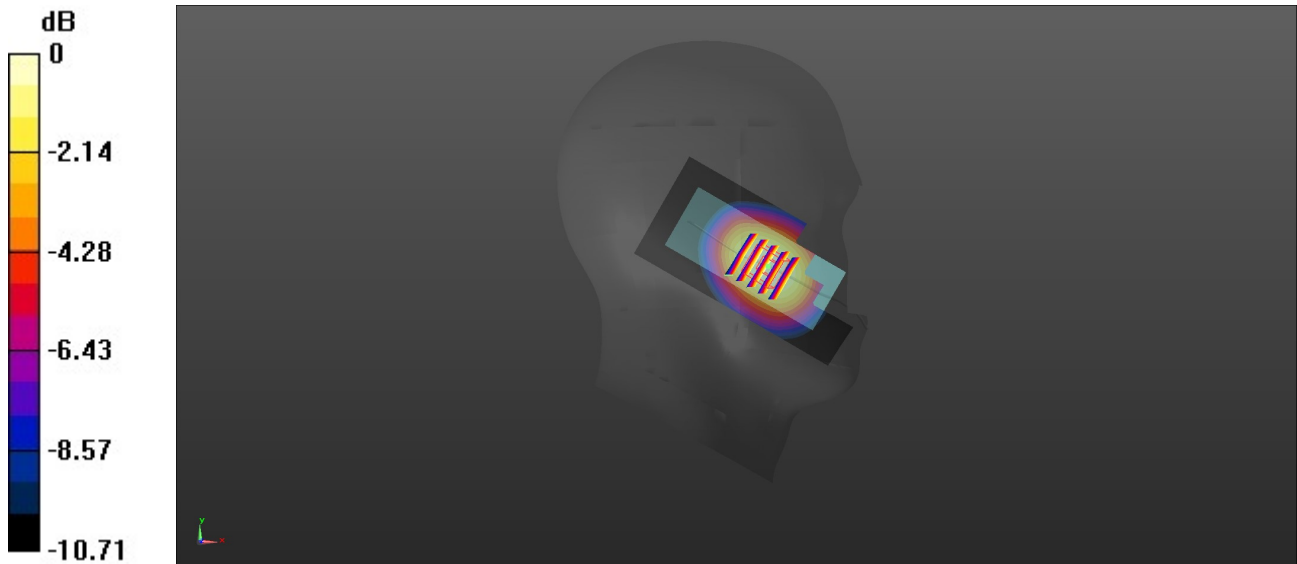
Left Cheek/CH 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.351 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.612 W/kg

Maximum value of SAR (measured) = 0.978 W/kg



0 dB = 0.978 W/kg = -0.10 dBW/kg

Bluetooth-M-Head

Communication System: UID 0, Generic BT (0); Frequency: 2441 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.778$ S/m; $\epsilon_r = 37.592$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature:22.4°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.82, 6.82, 6.82) @ 2441 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Cheek/CH 39/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.111 W/kg

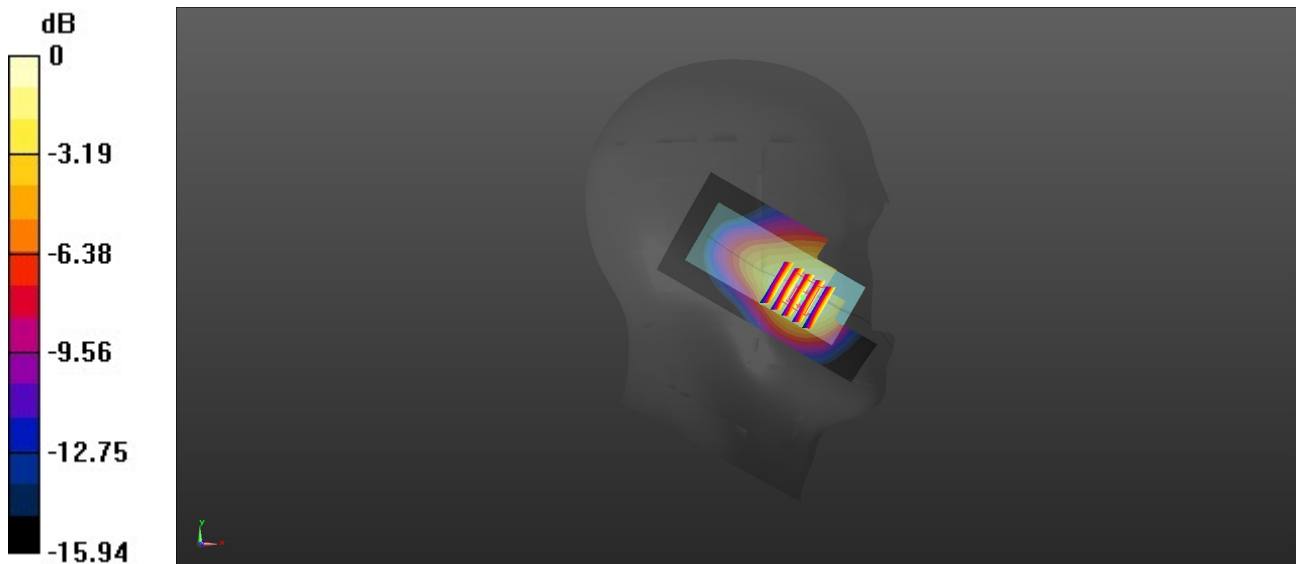
Left Cheek/CH 39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.388 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.069 W/kg



0 dB = 0.069 W/kg = -0.175 dBW/kg

GSM 850-M-Body

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1) (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

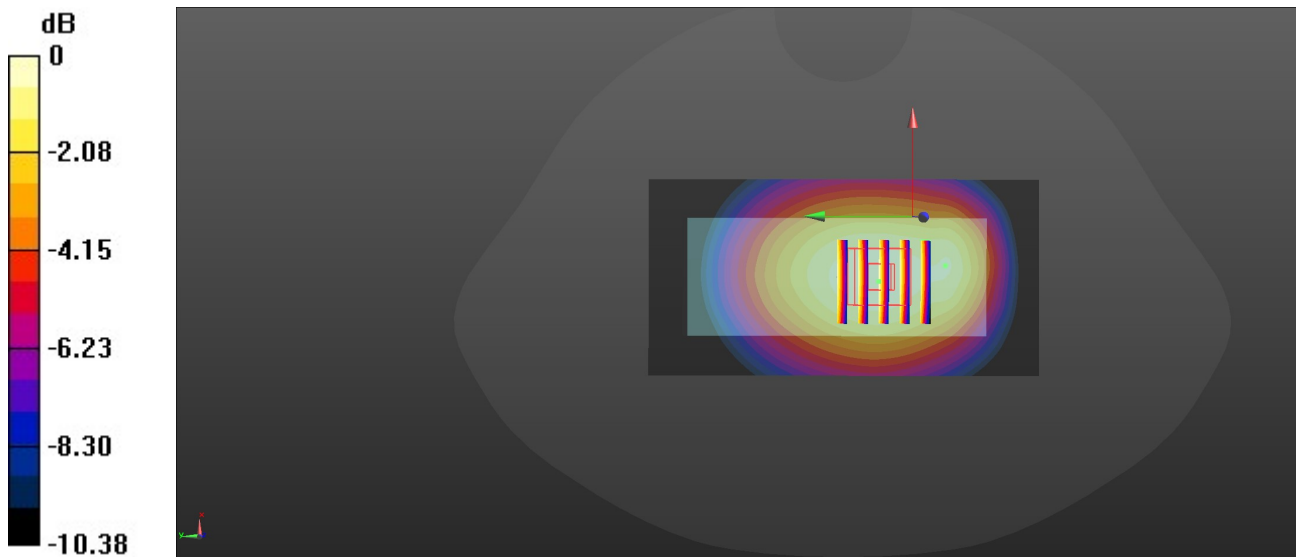
Ambient Temperature:22.5°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.48, 8.48, 8.48) @ 836.6 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 190/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.810 W/kg

Rear/CH 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.90 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.962 W/kg
SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.518 W/kg
Maximum value of SAR (measured) = 0.814 W/kg



0 dB = 0.814 W/kg = -0.89 dBW/kg

GSM 1900-L-Body

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.66993

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 38.92$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

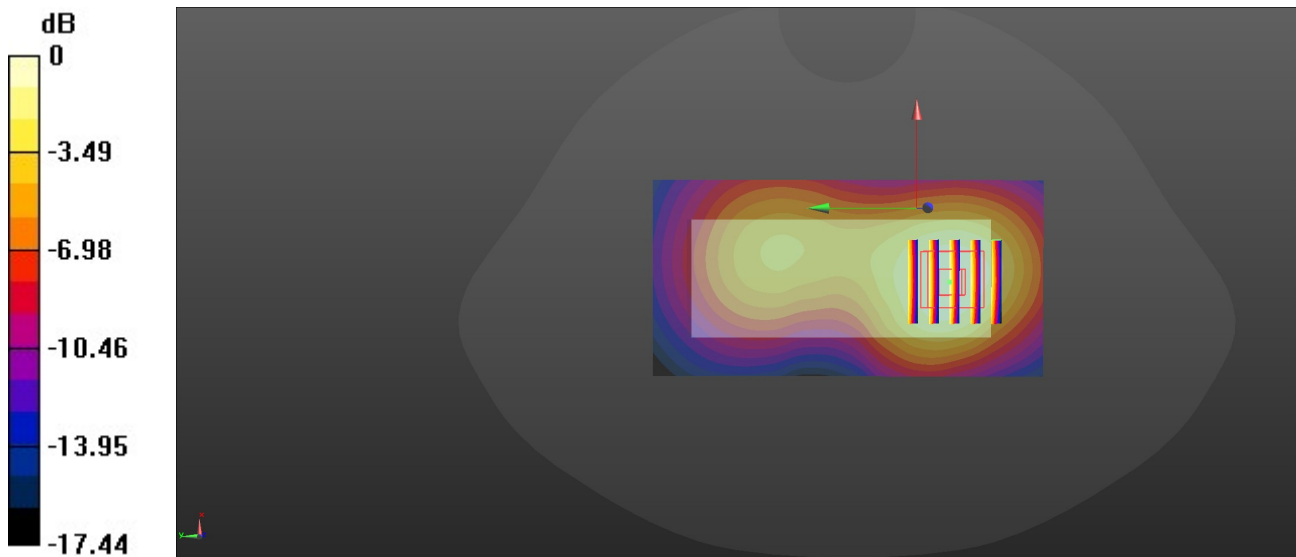
Ambient Temperature:22.2°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.18, 7.18, 7.18) @ 1850.2 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 512/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.230 W/kg

Rear/CH 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.634 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

WCDMA Band II-H-Body

Communication System: UID 0, Generic UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1907.6 \text{ MHz}$; $\sigma = 1.414 \text{ S/m}$; $\epsilon_r = 38.865$; $\rho = 1000 \text{ kg/m}^3$

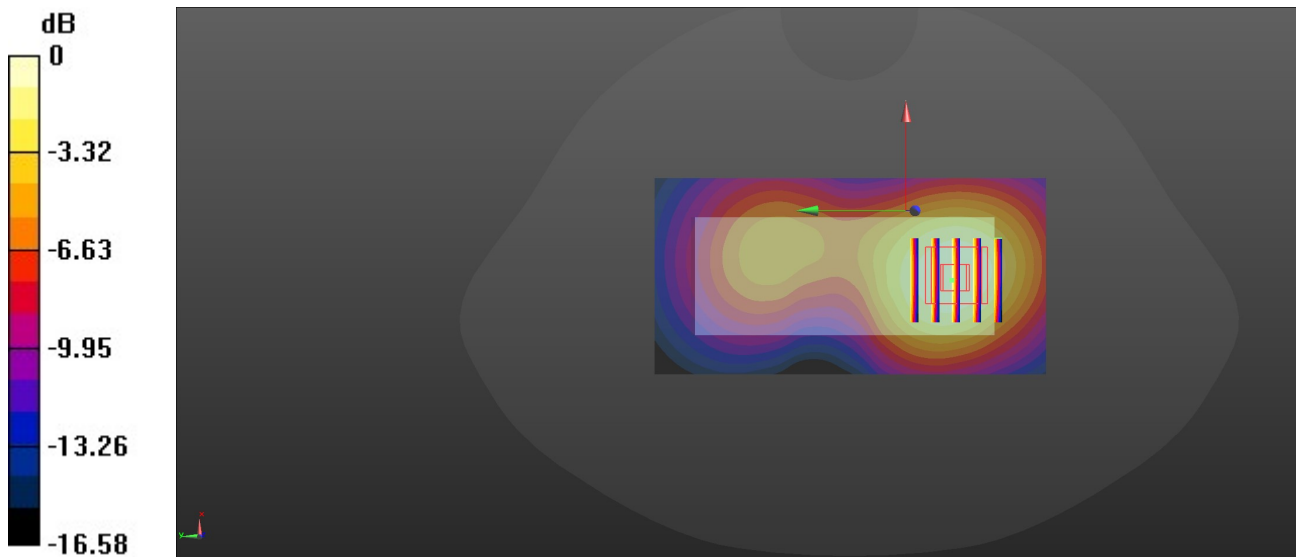
Phantom section: Flat Section
 Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7.18, 7.18, 7.18) @ 1907.6 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 9538/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.416 W/kg

Rear/CH 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.335 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.548 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.201 W/kg
 Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg = -4.03 dBW/kg

WCDMA Band V-L-Body

Communication System: UID 0, Generic UMTS (0); Frequency: 826.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 40.962$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.2°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(8.48, 8.48, 8.48) @ 826.4 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 4132/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.613 W/kg

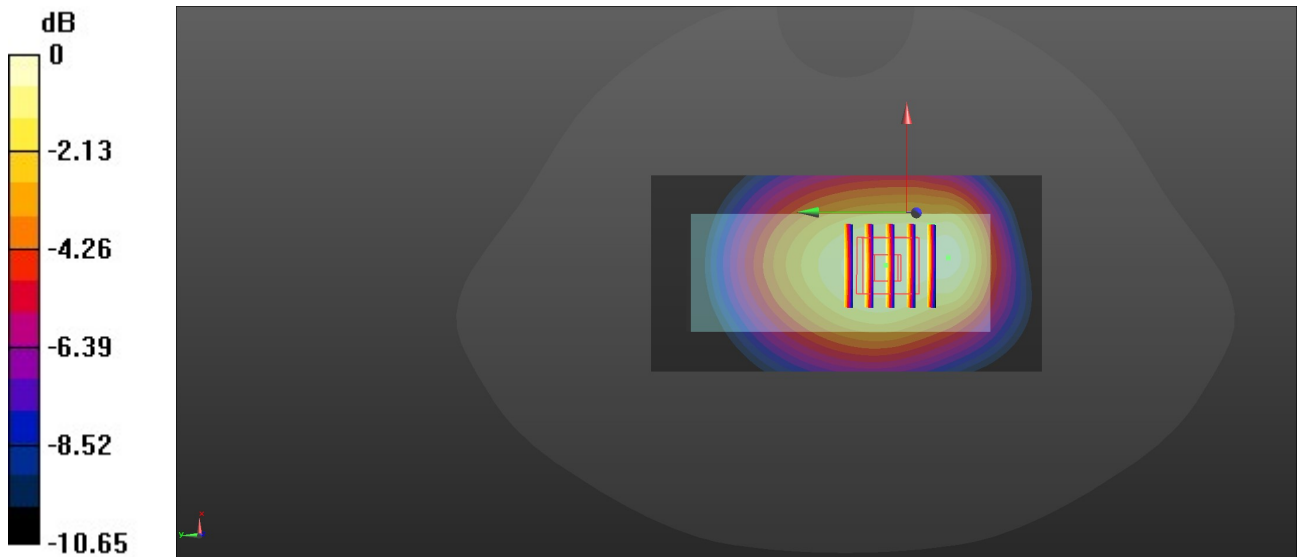
Rear/CH 4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.99 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.629 W/kg = -2.01 dBW/kg

Bluetooth-M-Body

Communication System: UID 0, Generic BT (0); Frequency: 2441 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.778$ S/m; $\epsilon_r = 37.592$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.82, 6.82, 6.82) @ 2441 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 39/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.376 W/kg

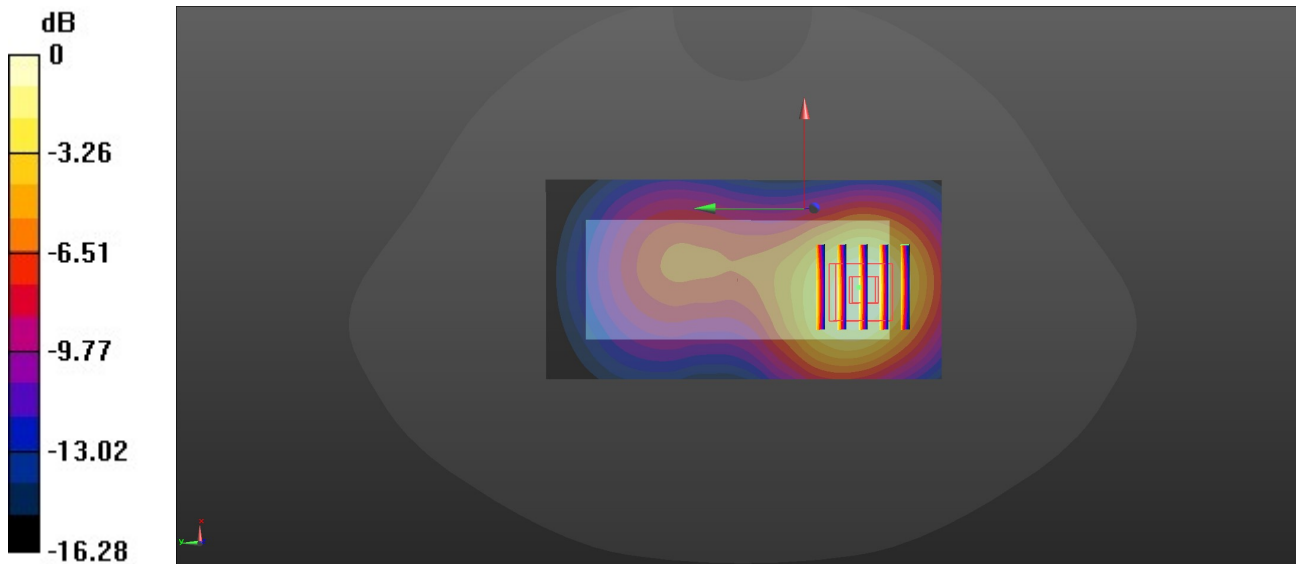
Rear/CH 39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.32 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -0.417 dBW/kg