

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

Date: 9/23/2020

GSM 850-Head

Communication System: UID 0, Generic GSM (0); Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 40.052$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Ambient Temperature: 22.6°C; Liquid Temperature: 22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.46, 10.46, 10.46) @ 848.6 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- 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 Touch/CH 251/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0887 W/kg

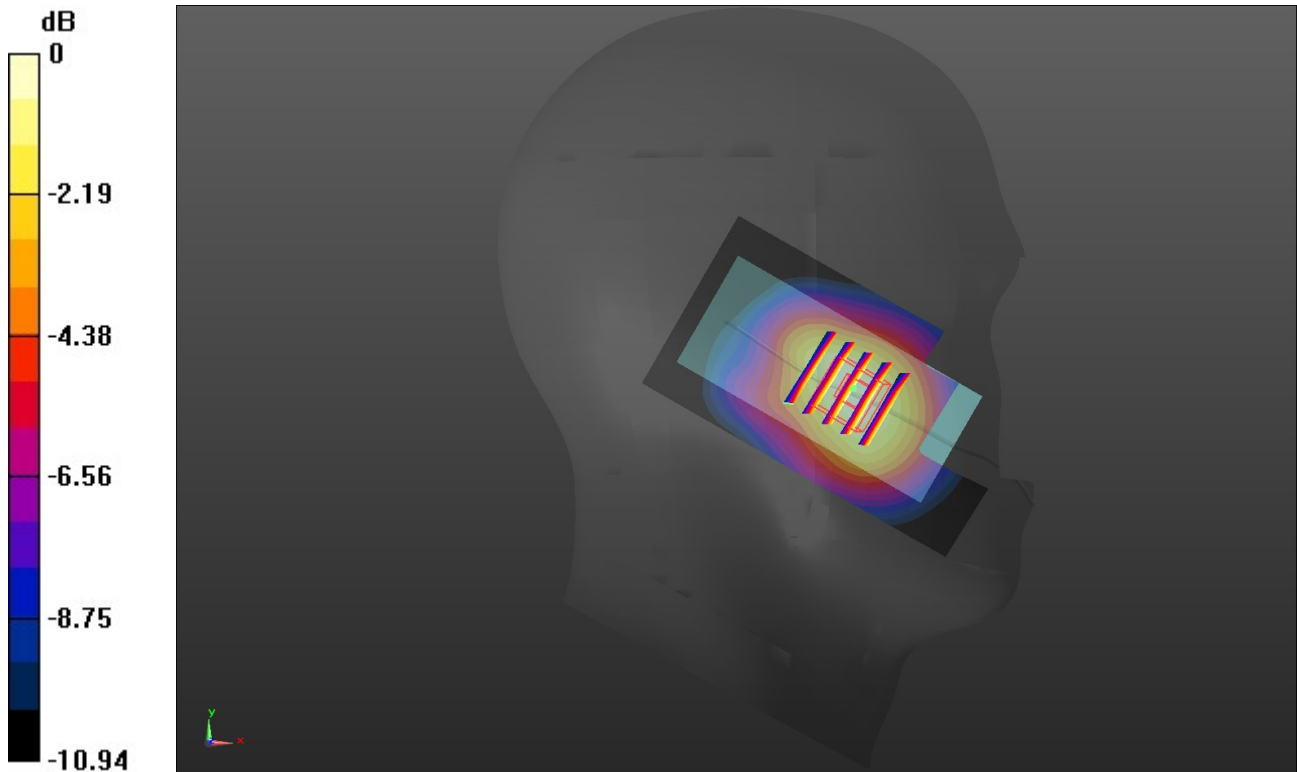
Left Cheek Touch/CH 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.935 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0910 W/kg



0 dB = 0.0910 W/kg = -10.41 dBW/kg

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GSM 1900-Head

Communication System: UID 0, Generic GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 38.065$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Ambient Temperature: 22.3°C; Liquid Temperature: 22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.6, 8.6, 8.6) @ 1850.2 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Right Cheek Touch/CH 512/Area Scan (51x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00801 W/kg

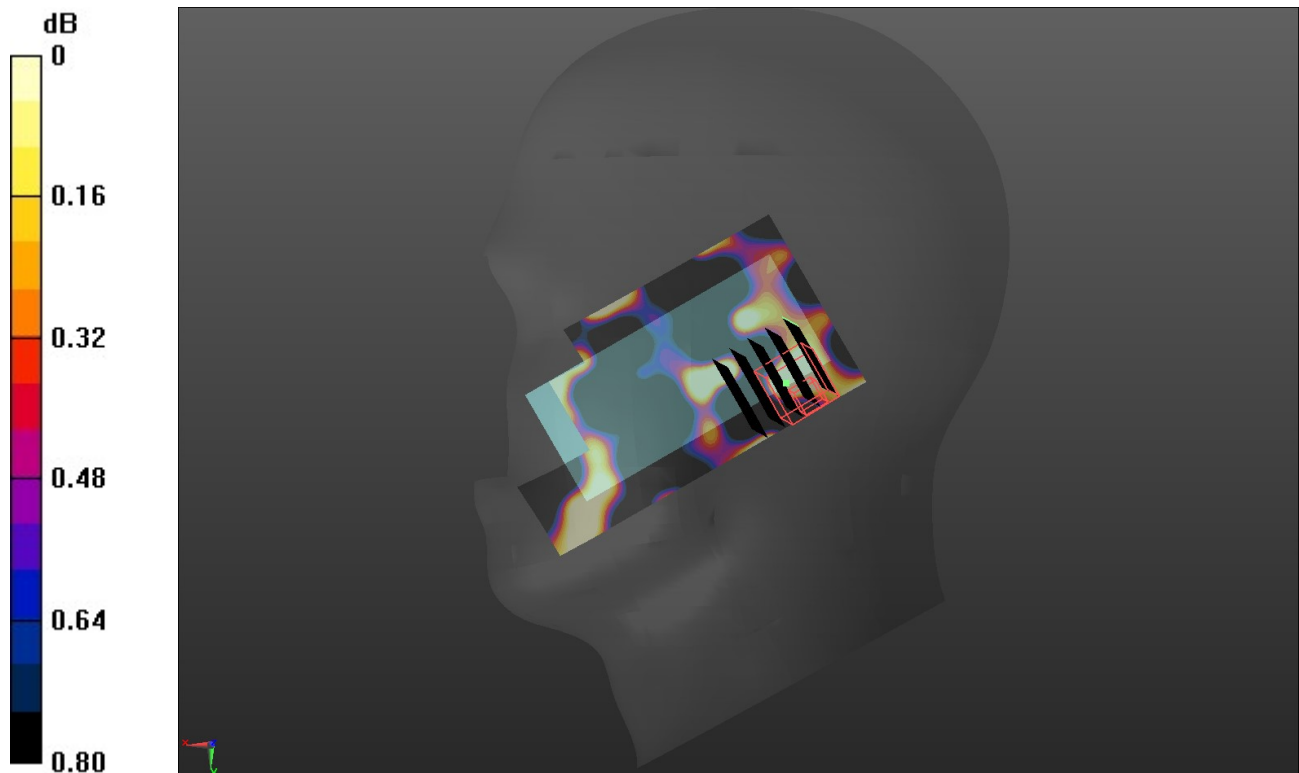
Right Cheek Touch/CH 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.729 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.00518 W/kg

SAR(1 g) = 0.0032 W/kg; SAR(10 g) = 0.00242 W/kg

Maximum value of SAR (measured) = 0.00409 W/kg



0 dB = 0.00409 W/kg = -23.88 dBW/kg

GSM 850-Body

Communication System: UID 0, Generic GSM (0); Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 40.052$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.46, 10.46, 10.46) @ 848.6 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- 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 251/Area Scan (51x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0822 W/kg

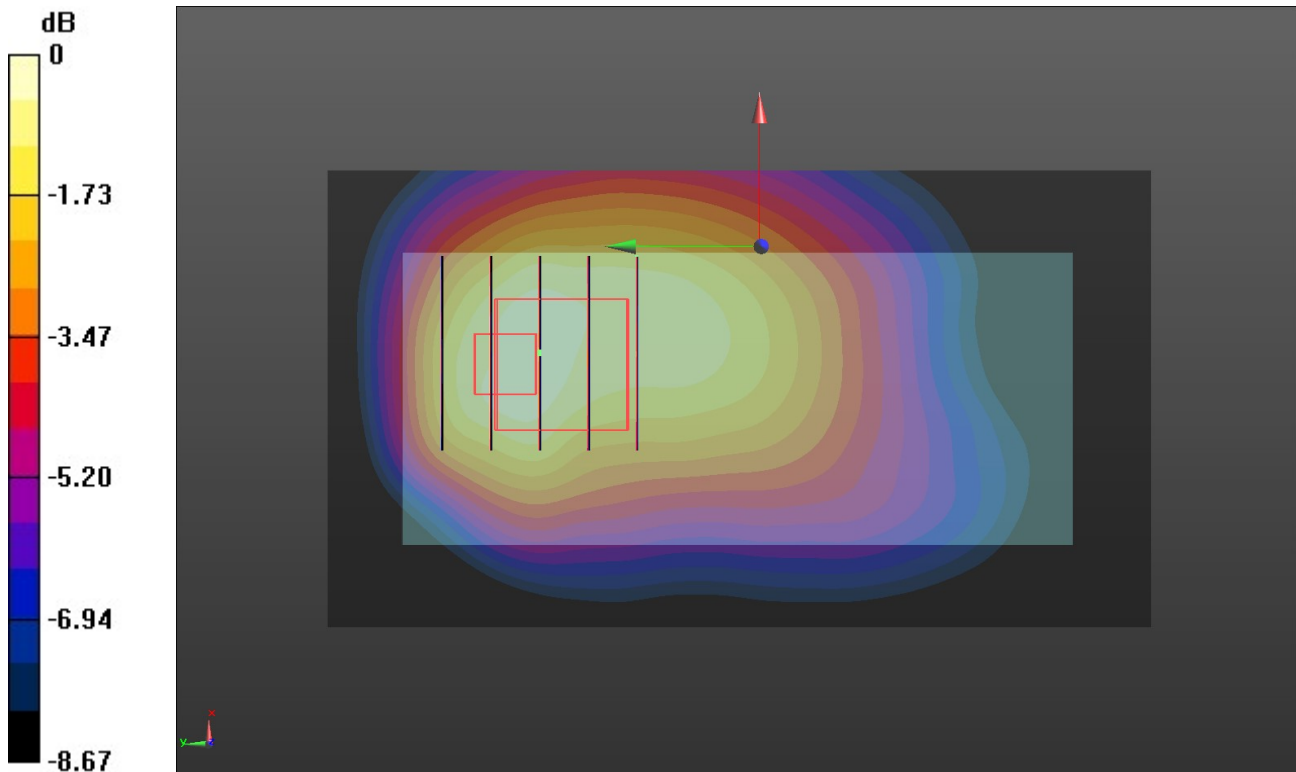
Rear/CH 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.864 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0826 W/kg



0 dB = 0.0826 W/kg = -10.83 dBW/kg

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GSM 1900-Body

Communication System: UID 0, Generic GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.337$ S/m; $\epsilon_r = 38.065$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

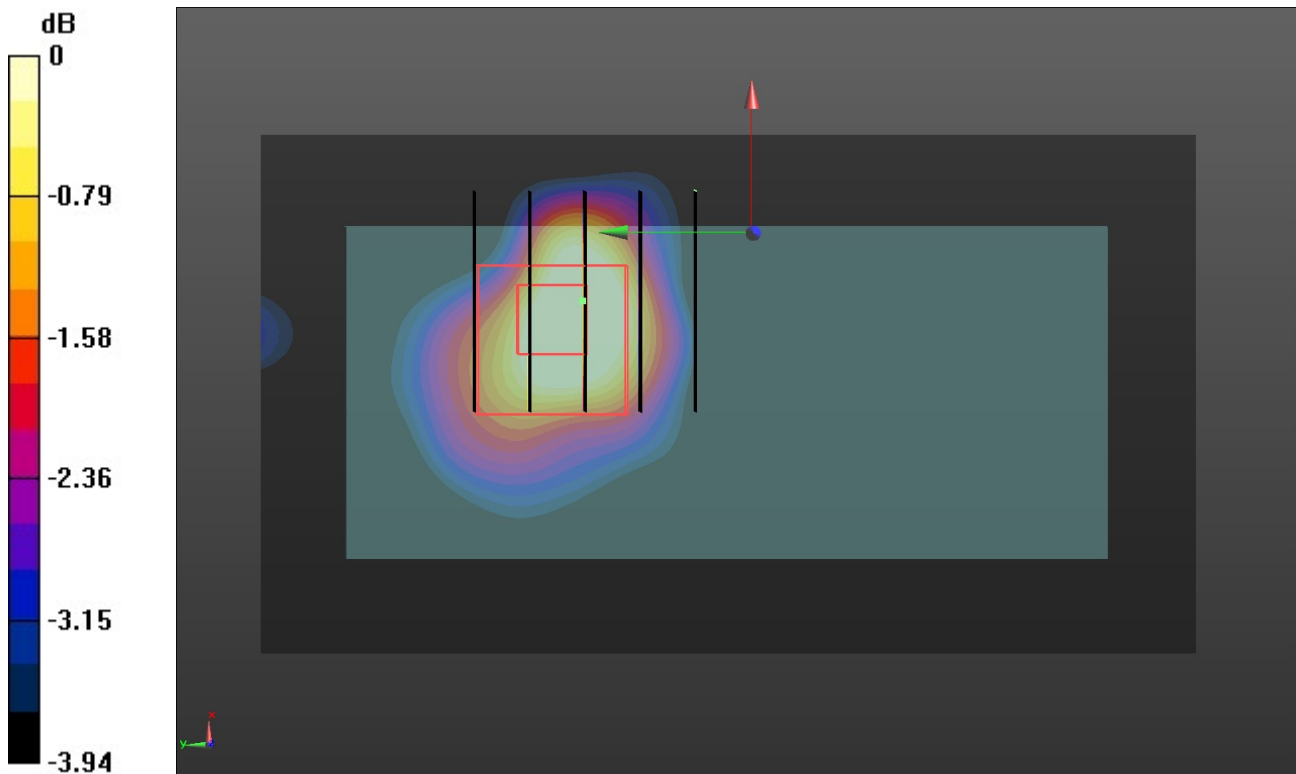
Ambient Temperature: 22.4°C; Liquid Temperature: 22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.6, 8.6, 8.6) @ 1850.2 MHz; Calibrated: 4/1/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/4/2020
- 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 (51x91x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.0189 W/kg

Rear/CH 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 1.804 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00583 W/kg
Maximum value of SAR (measured) = 0.0166 W/kg



0 dB = 0.0166 W/kg = -17.80 dBW/kg