

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

Date: 4/3/2020

GSM 850-Head

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.66993

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 42.694$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3292; ConvF(6.22, 6.22, 6.22) @ 836.6 MHz; Calibrated: 7/16/2019
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn876; Calibrated: 3/3/2020
- 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 190/Area Scan (41x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.181 W/kg

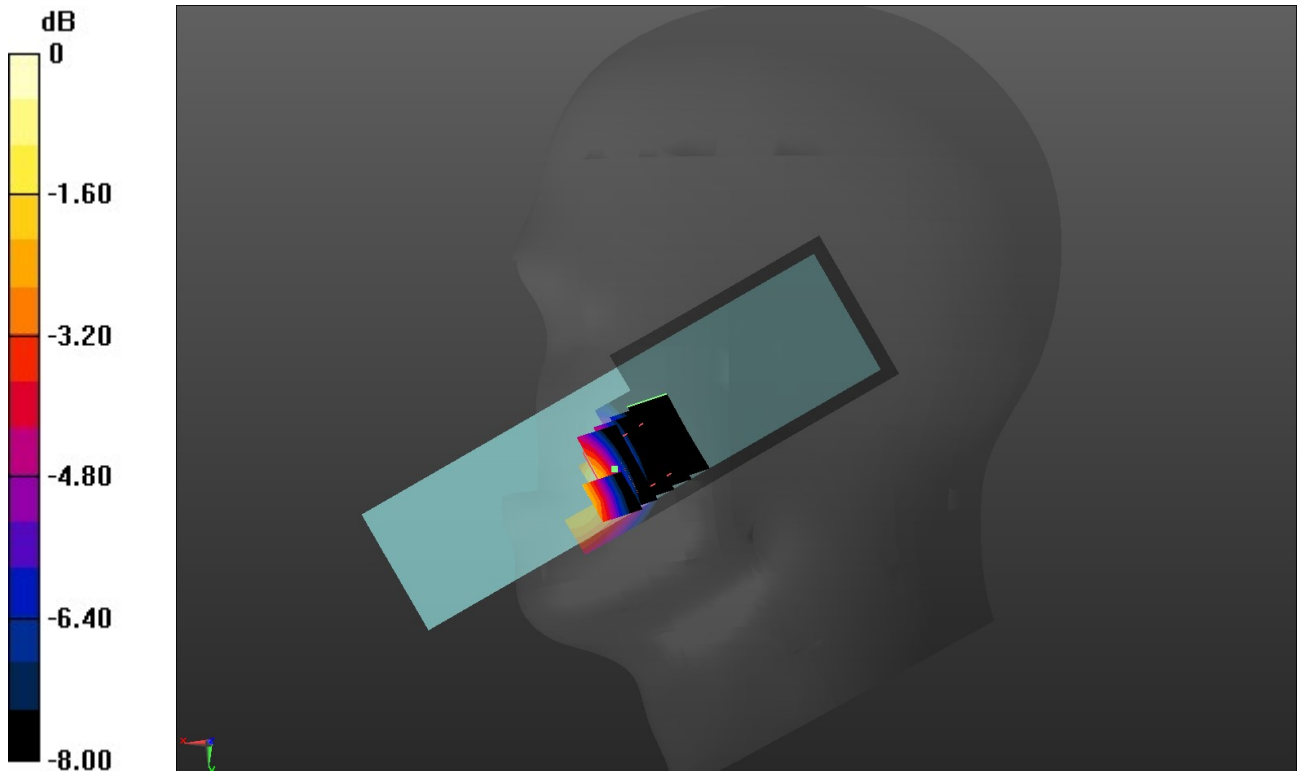
Right Cheek Touch/CH 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.190 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

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GSM 1900-Head

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.464$ S/m; $\epsilon_r = 40.463$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3292; ConvF(5.14, 5.14, 5.14) @ 1909.8 MHz; Calibrated: 7/16/2019
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn876; Calibrated: 3/3/2020
- 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 810/Area Scan (41x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0944 W/kg

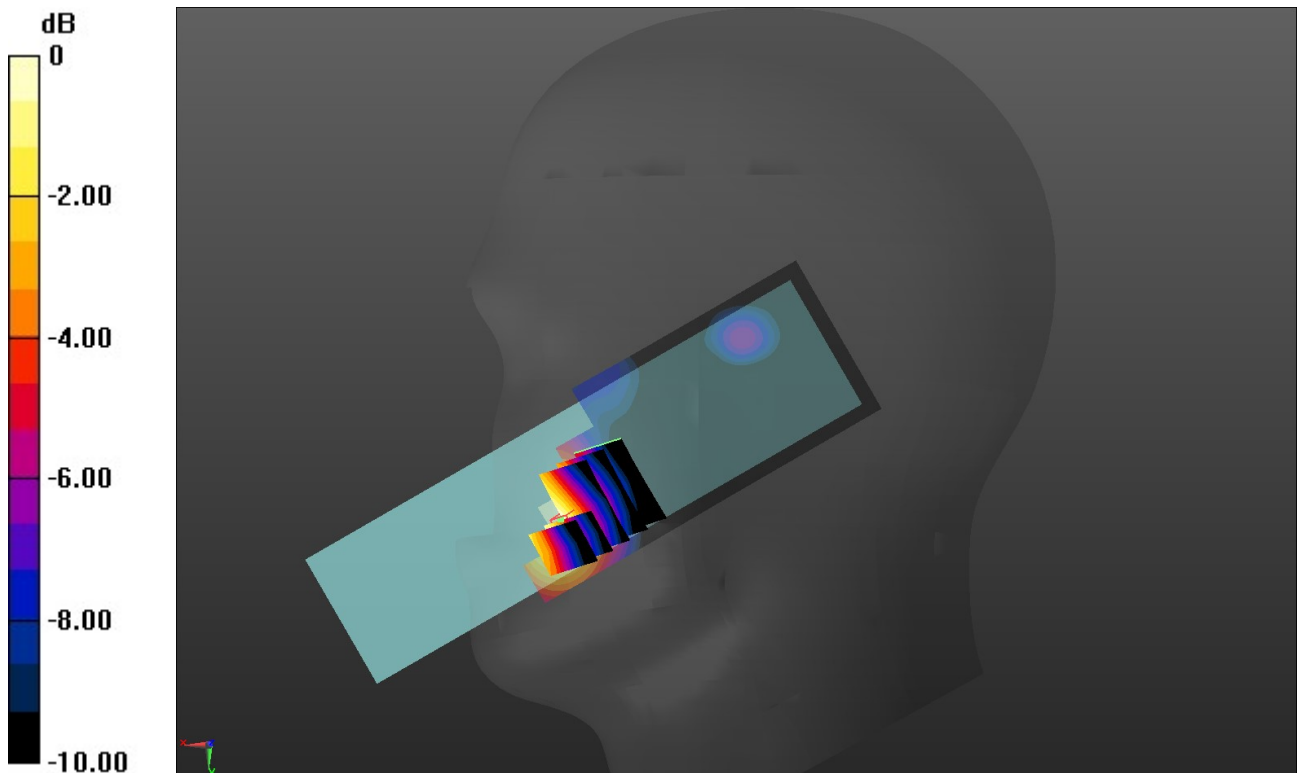
Right Cheek Touch/CH 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.115 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0844 W/kg



0 dB = 0.0844 W/kg = -10.74 dBW/kg

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GSM 850-Body

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.66993

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 42.694$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3292; ConvF(6.22, 6.22, 6.22) @ 836.6 MHz; Calibrated: 7/16/2019
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn876; Calibrated: 3/3/2020
- 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 190/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.329 W/kg

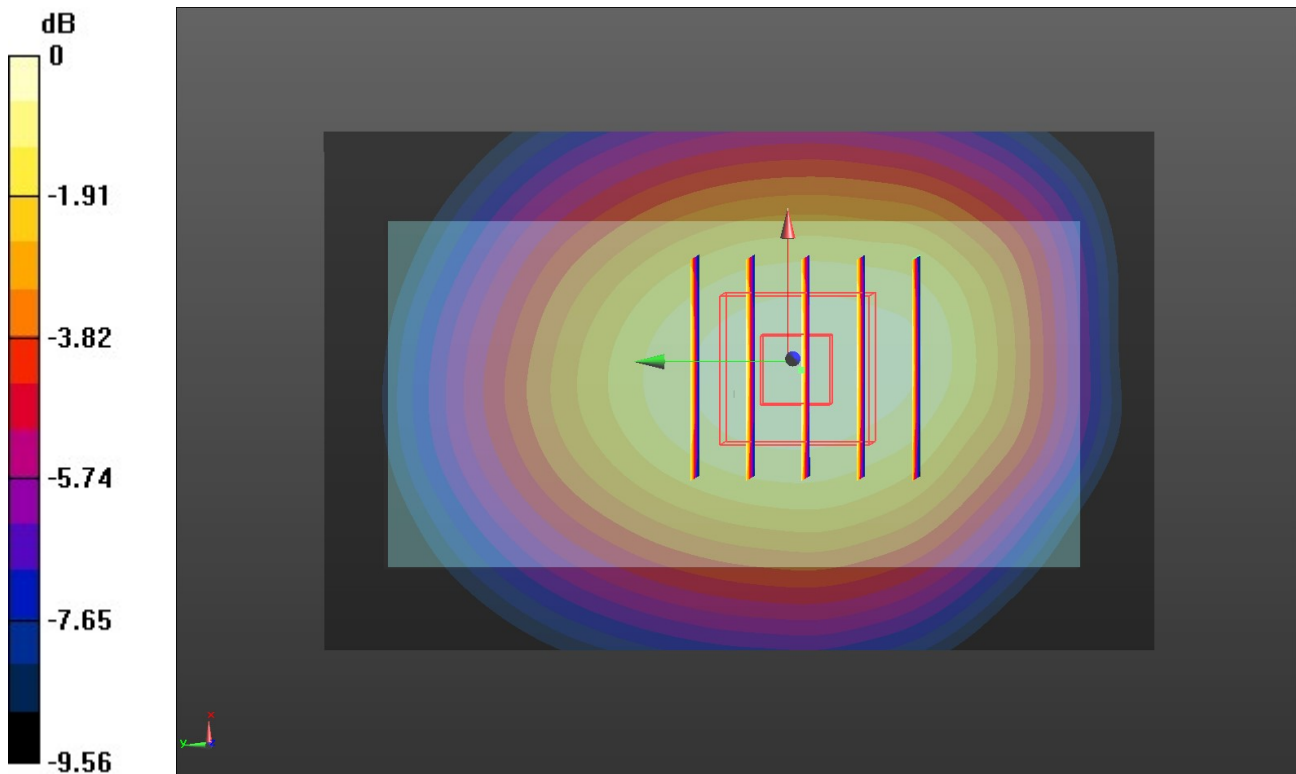
Rear/CH 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.76 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.358 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg = -4.80 dBW/kg

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GSM 1900-Body

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.464$ S/m; $\epsilon_r = 40.463$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: ES3DV3 - SN3292; ConvF(5.14, 5.14, 5.14) @ 1909.8 MHz; Calibrated: 7/16/2019
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn876; Calibrated: 3/3/2020
- 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 810/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.178 W/kg

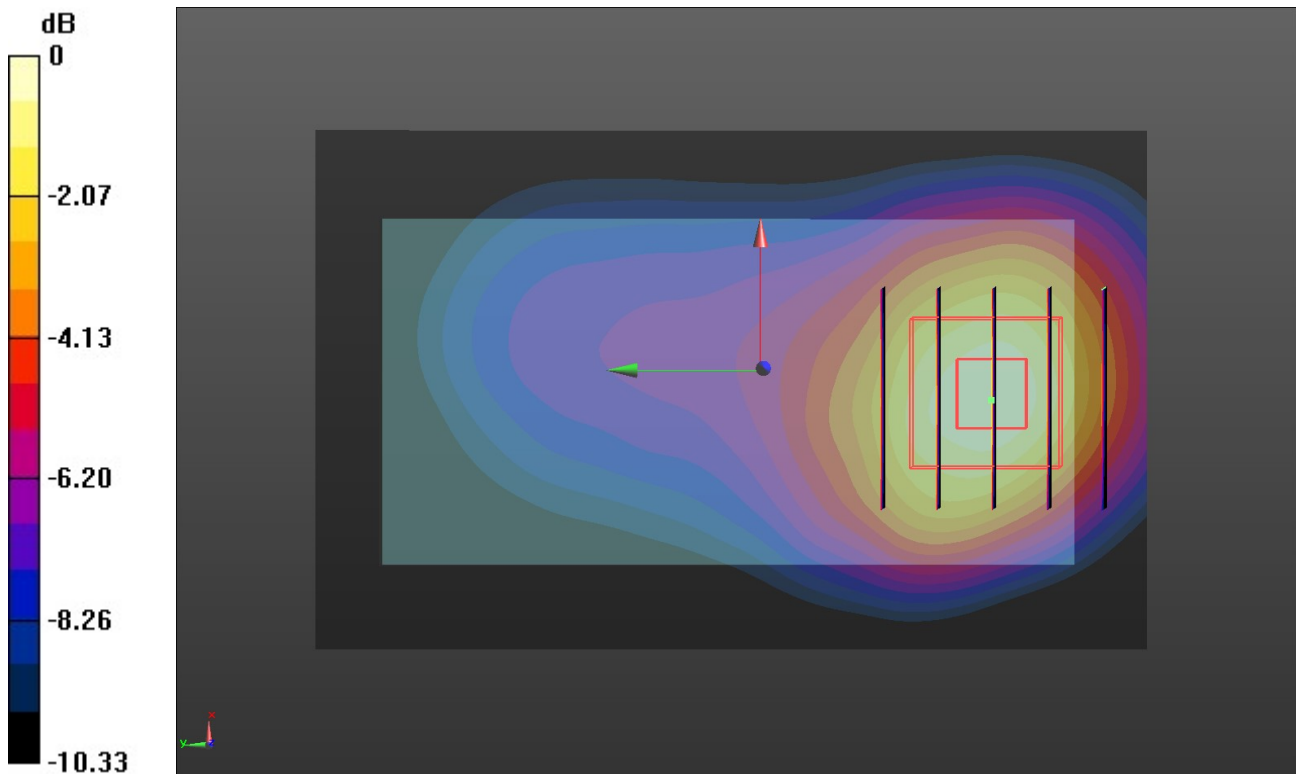
Rear/CH 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.029 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg