

Appendix A:SAR Test Data Plots

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

Date: 12/18/2019

LTE Band 5-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 42.973$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Ambient Temperature: 22.8°C; Liquid Temperature: 22.6°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.41, 10.41, 10.41) @ 836.5 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- 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 20525/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0498 W/kg

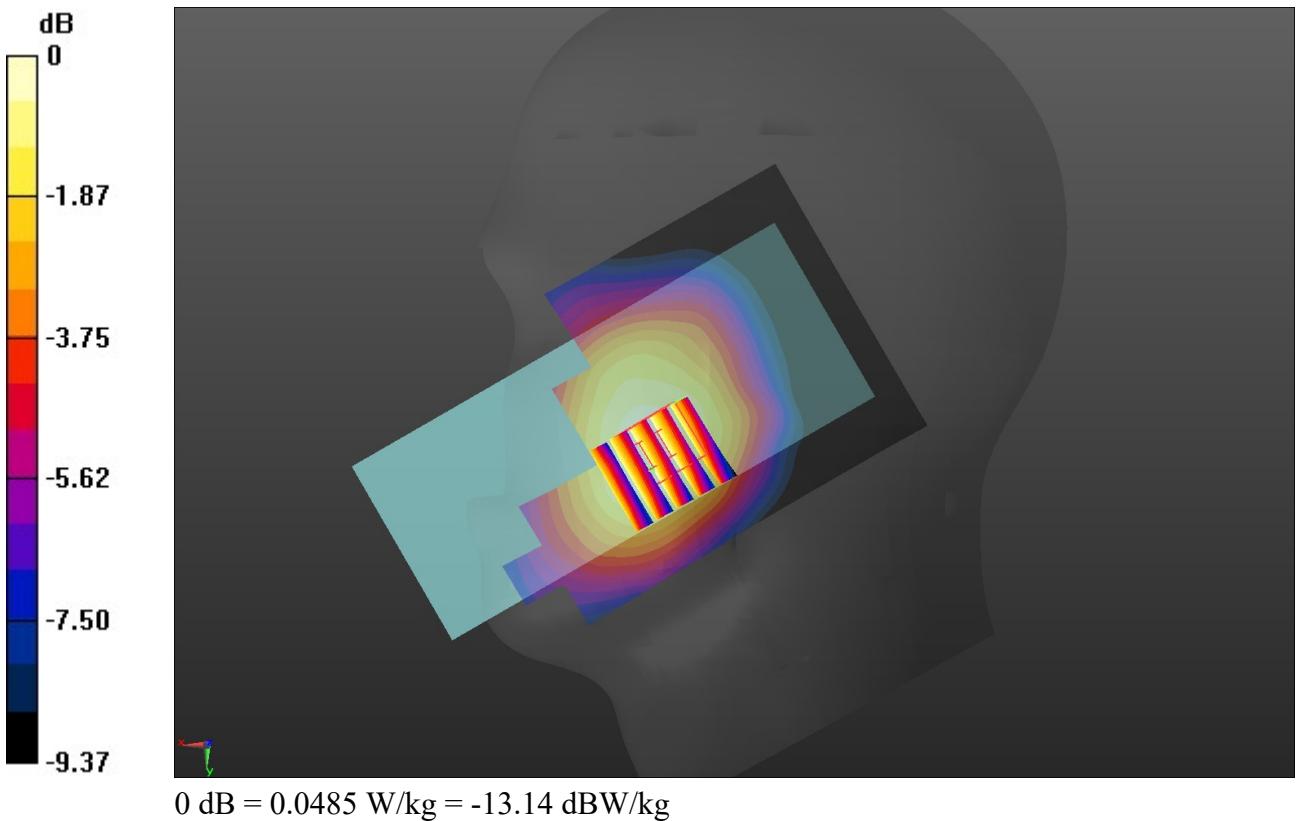
Right Cheek Touch/CH 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.814 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0485 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/21/2019

LTE Band 7-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2560 \text{ MHz}$; $\sigma = 1.919 \text{ S/m}$; $\epsilon_r = 40.046$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Ambient Temperature: 22.8°C; Liquid Temperature: 22.6°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.69, 7.69, 7.69) @ 2560 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 21350/Area Scan (81x161x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.688 W/kg

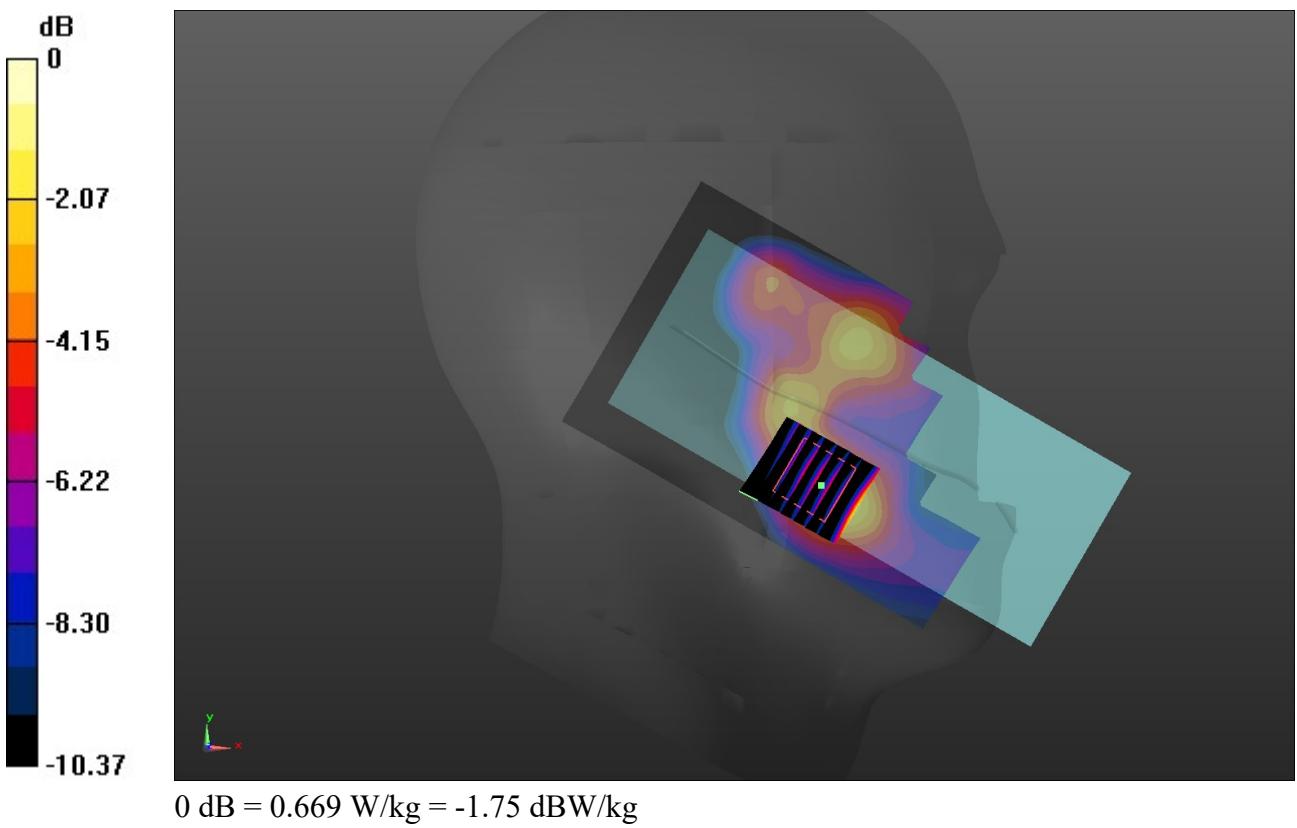
Left Touch Cheek/CH 21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.428 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.669 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/23/2019

LTE Band 12-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 711 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.74, 10.74, 10.74) @ 711 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- 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 23130/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.121 W/kg

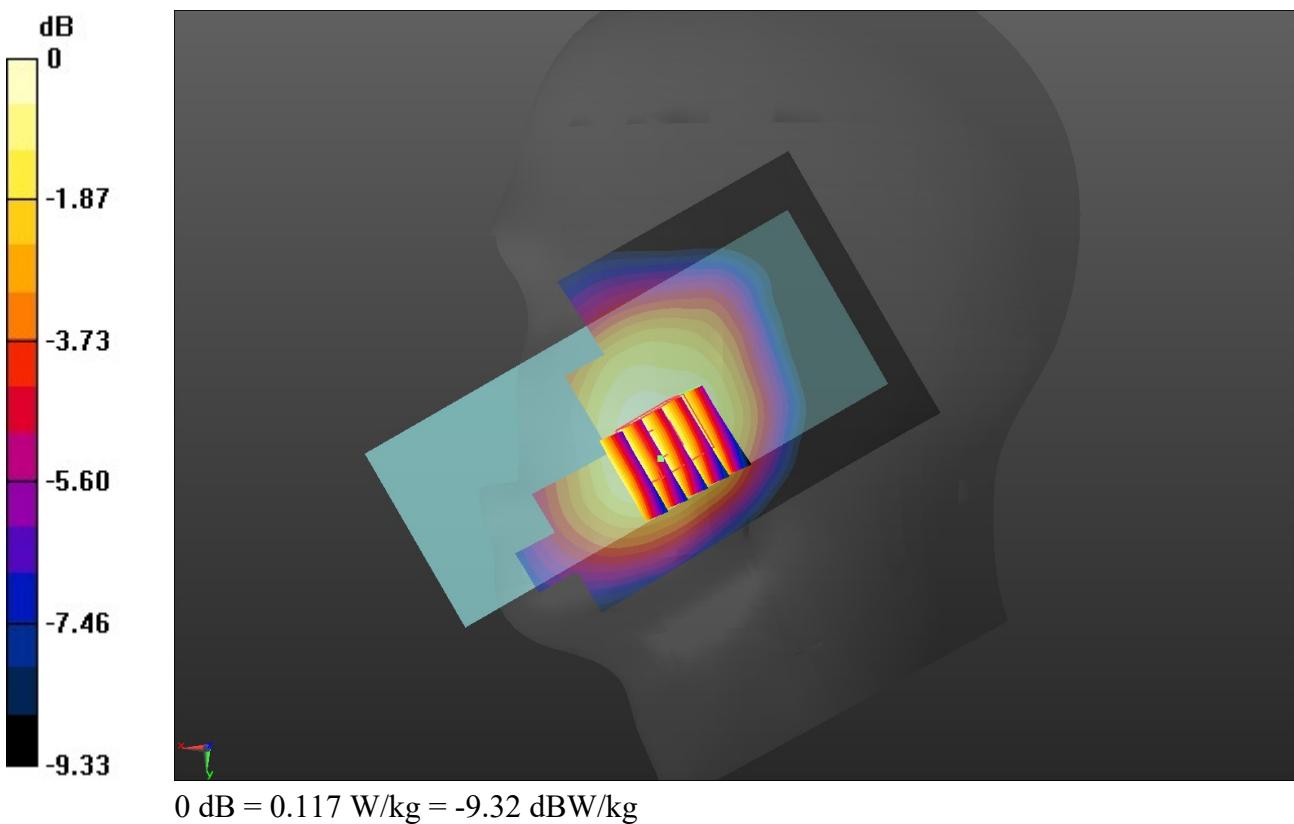
Right Cheek Touch/CH 23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.919 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/21/2019

LTE Band 41-Head

Communication System: UID 0, Generic LTE-TDD (0); Frequency: 2605 MHz; Duty Cycle: 1:1.57979

Medium parameters used (interpolated): $f = 2605 \text{ MHz}$; $\sigma = 1.956 \text{ S/m}$; $\epsilon_r = 39.98$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.69, 7.69, 7.69) @ 2605 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 40740/Area Scan (81x161x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.274 W/kg

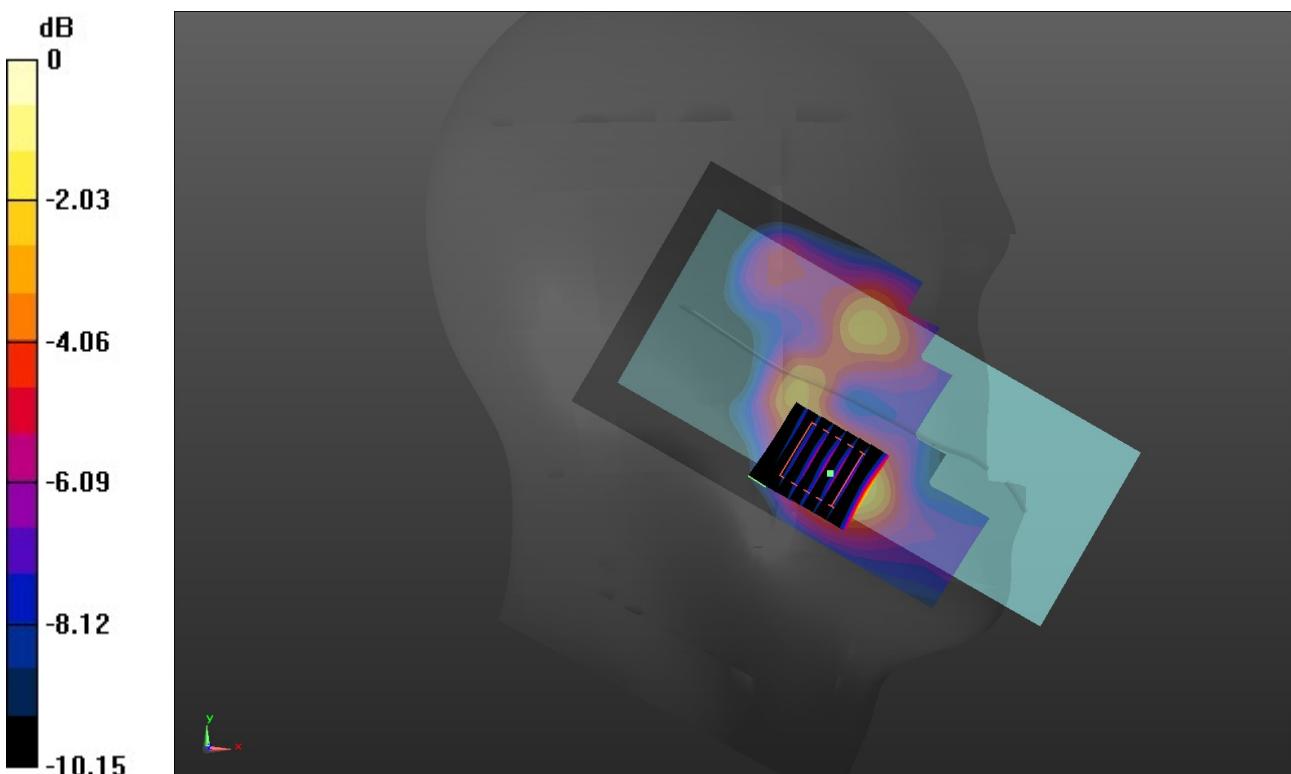
Left Touch Cheek/CH 40740/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.440 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg

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

Date: 12/23/2019

WiFi 2.4G-Head

Communication System: UID 0, Generic WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 40.201$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Ambient Temperature: 22.1°C; Liquid Temperature: 21.9°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.9, 7.9, 7.9) @ 2462 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 11/Area Scan (81x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.234 W/kg

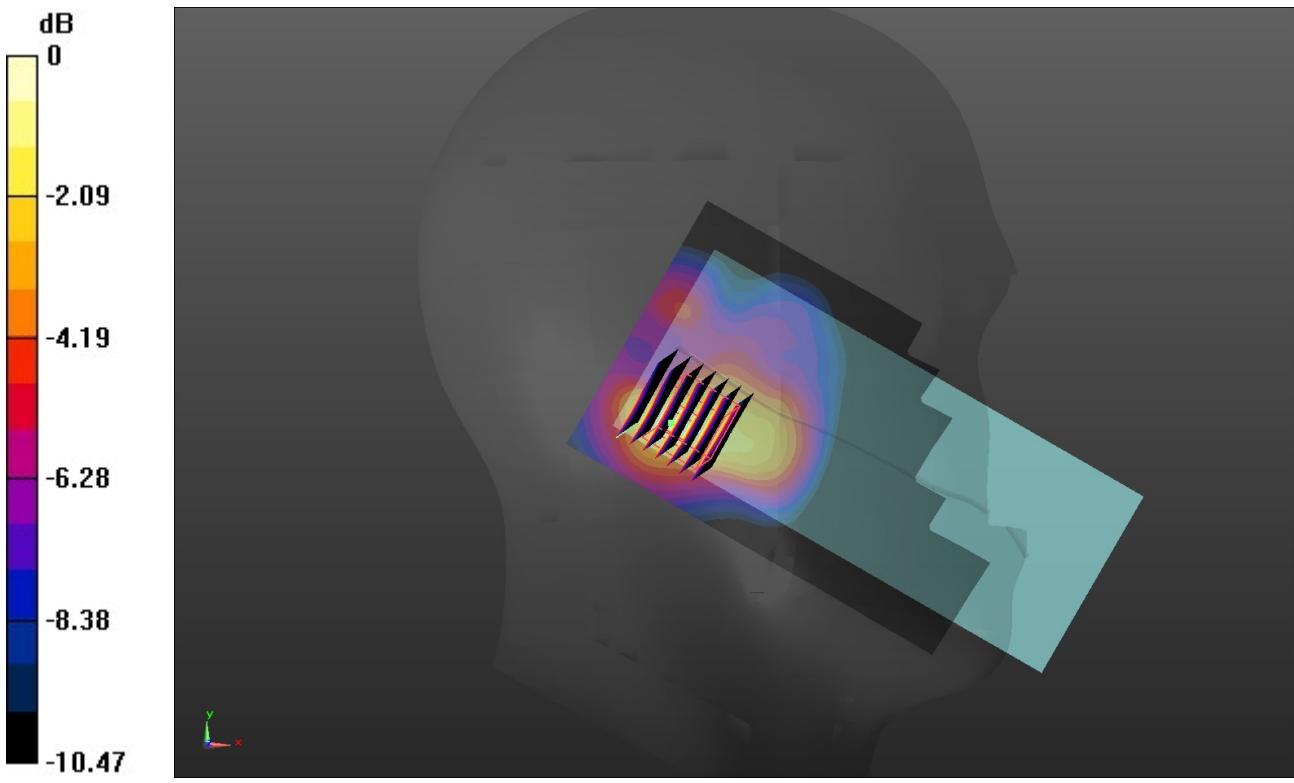
Left Touch Cheek/CH 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.427 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.224 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/24/2019

WIFI 5G U-NII-1 Head

Communication System: UID 0, Generic WIFI (0); Frequency: 5190 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5190 \text{ MHz}$; $\sigma = 4.475 \text{ S/m}$; $\epsilon_r = 35.619$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.56, 5.56, 5.56) @ 5190 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 38/Area Scan (91x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.600 W/kg

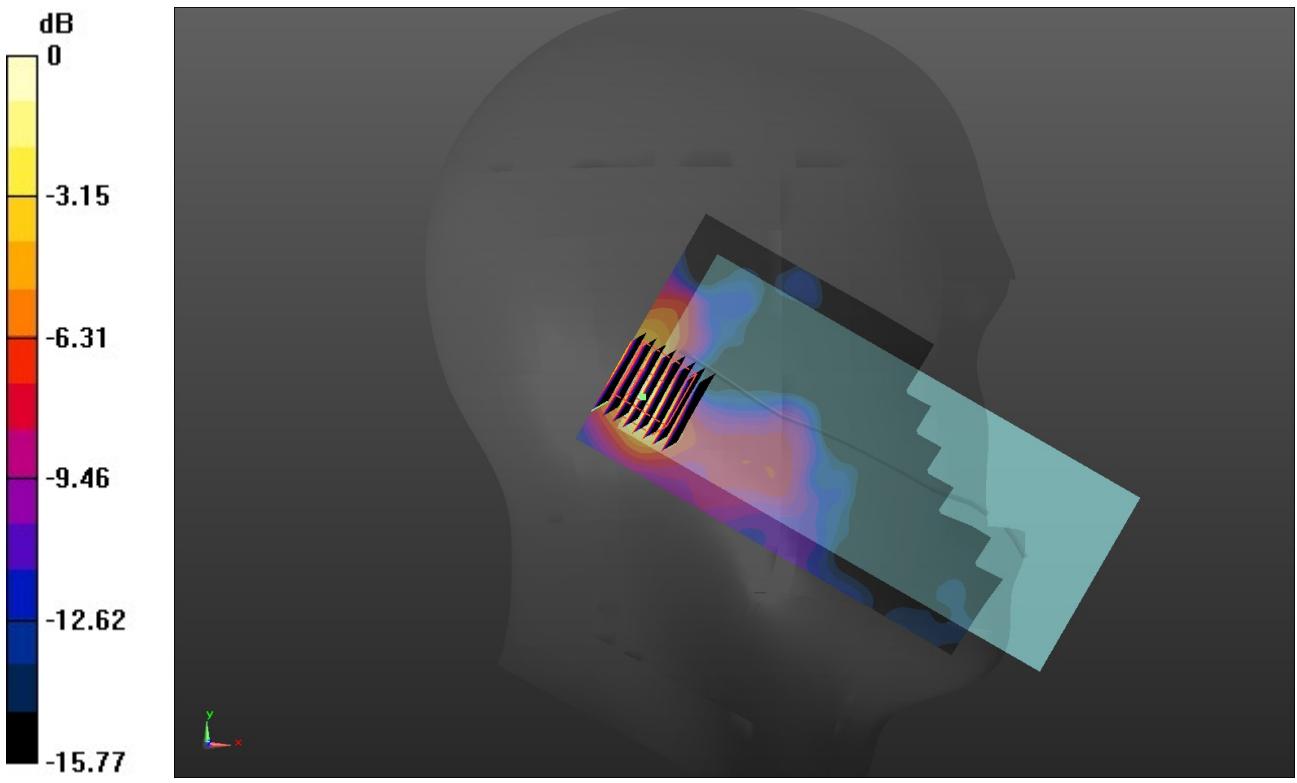
Left Touch Cheek/CH 38/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.433 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.546 W/kg



0 dB = 0.546 W/kg = -2.63 dBW/kg

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

Date: 12/24/2019

WIFI 5G U-NII-2A Head

Communication System: UID 0, Generic WIFI (0); Frequency: 5290 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.582$ S/m; $\epsilon_r = 35.46$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.37, 5.37, 5.37) @ 5290 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 58/Area Scan (91x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.720 W/kg

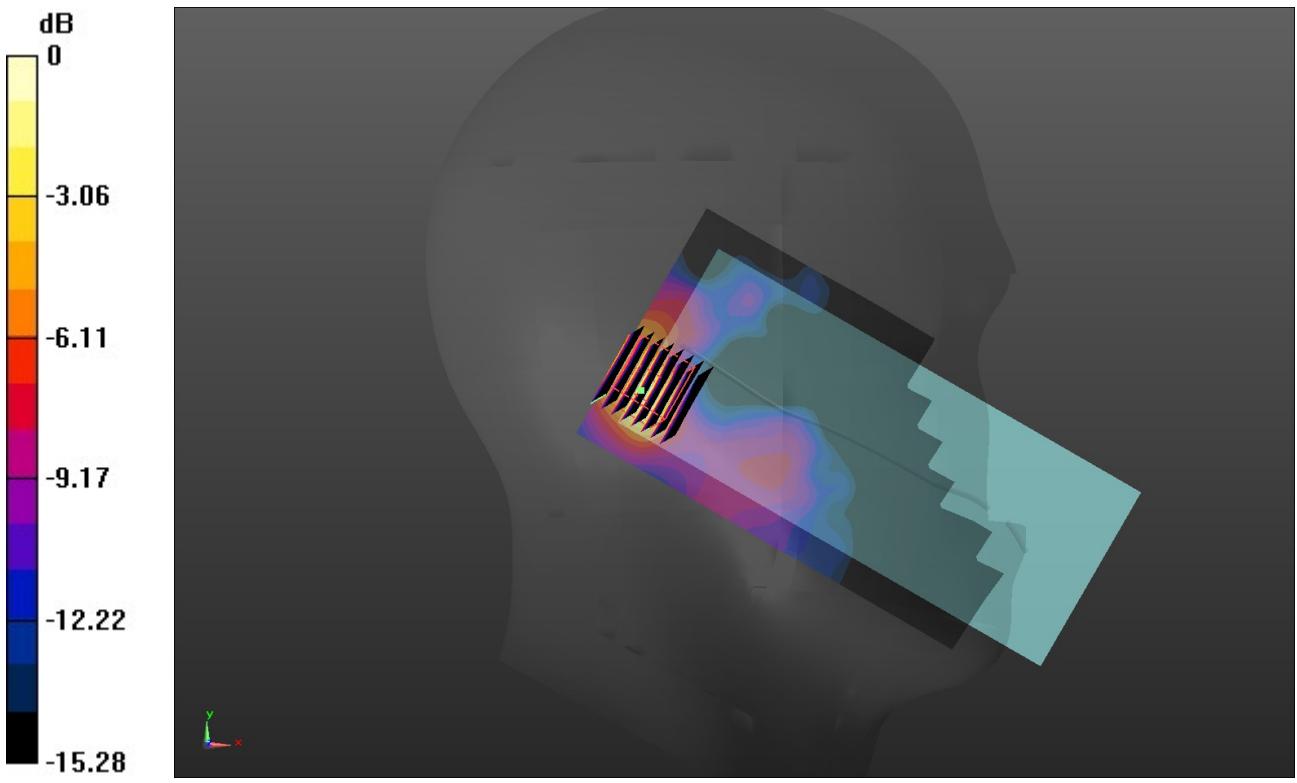
Left Touch Cheek/CH 58/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.102 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.661 W/kg



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

Date: 12/25/2019

WIFI 5G U-NII-2C Head

Communication System: UID 0, Generic WIFI (0); Frequency: 5690 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5690 \text{ MHz}$; $\sigma = 5.034 \text{ S/m}$; $\epsilon_r = 34.763$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(4.89, 4.89, 4.89) @ 5690 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 138/Area Scan (91x191x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.150 W/kg

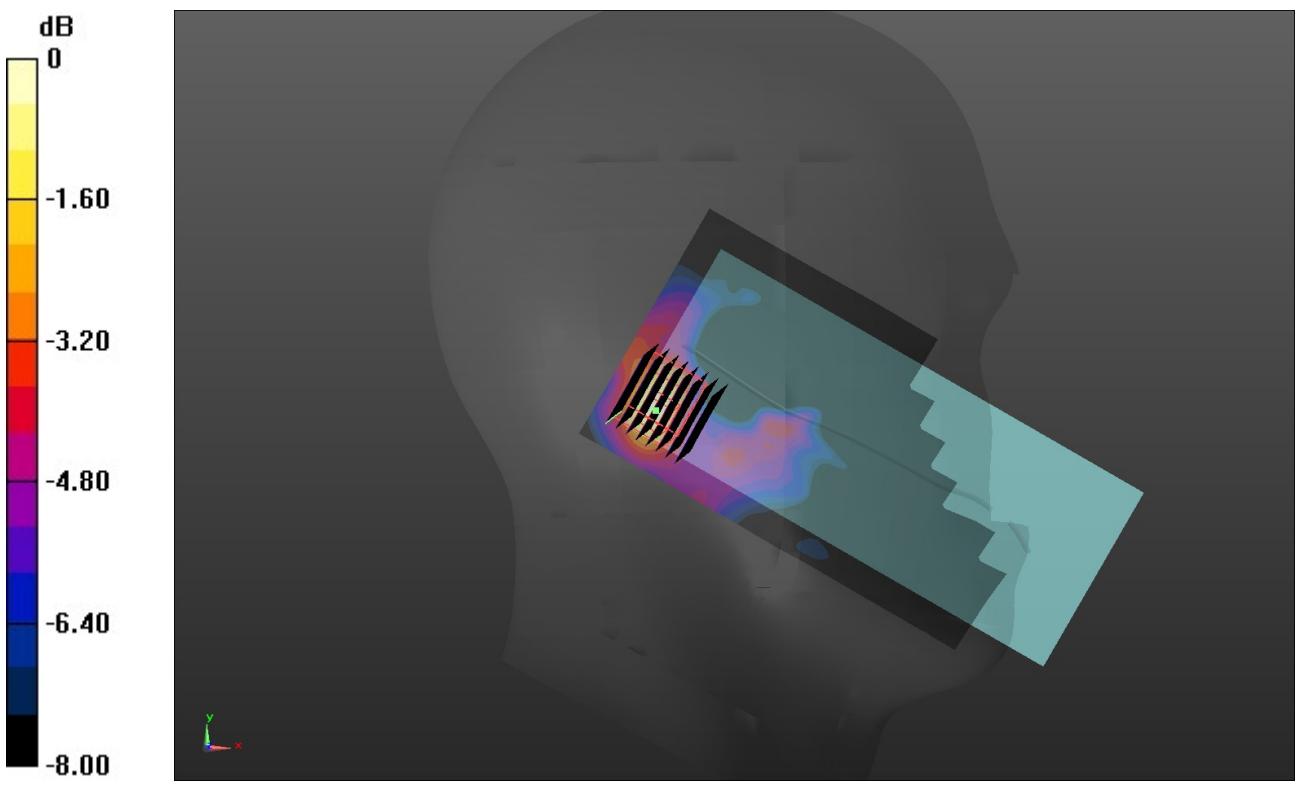
Left Touch Cheek/CH 138/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 3.069 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -8.27 dBW/kg

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

Date: 12/25/2019

WIFI 5G U-NII-3 Head

Communication System: UID 0, Generic WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.127 \text{ S/m}$; $\epsilon_r = 34.604$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Ambient Temperature: 22.1°C; Liquid Temperature: 21.9°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Left Touch Cheek/CH 155/Area Scan (91x191x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.148 W/kg

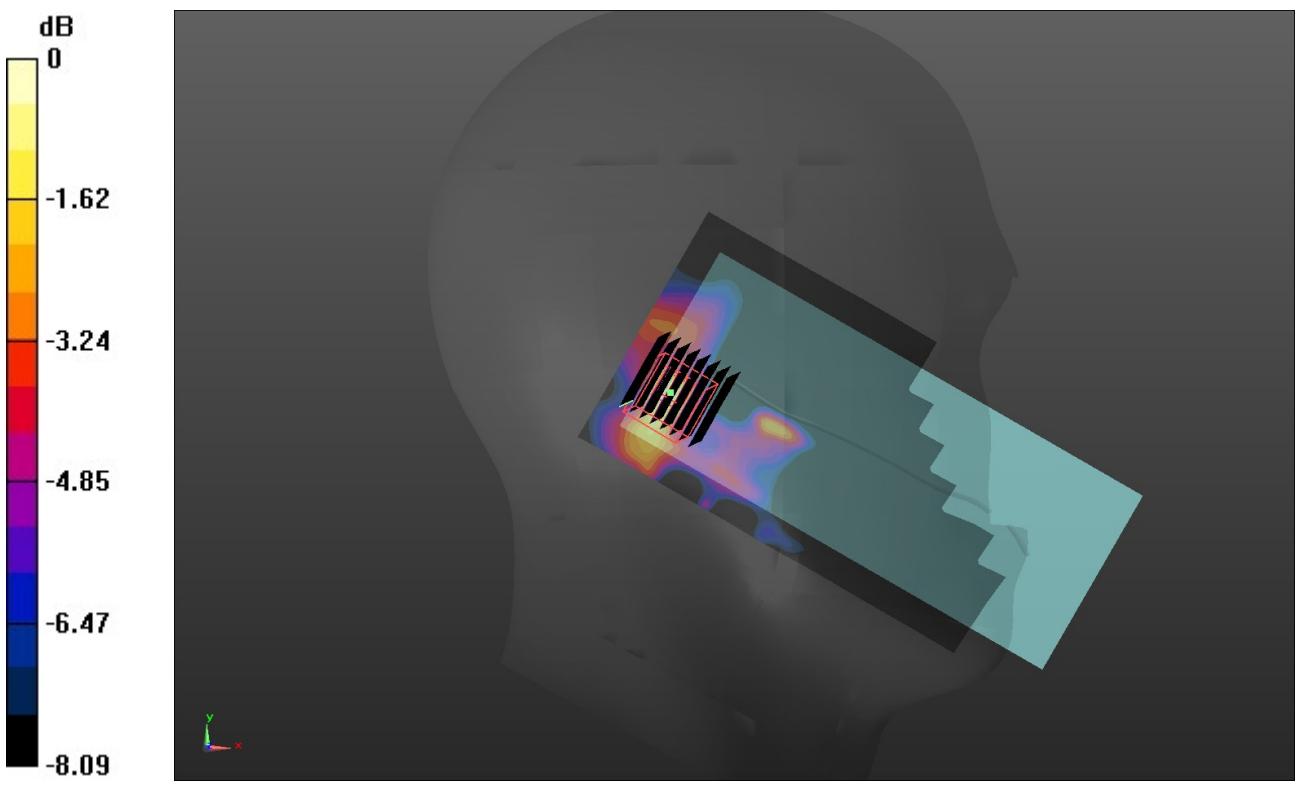
Left Touch Cheek/CH 155/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 3.795 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/18/2019

GSM850 Body&Hotspot

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.66993

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 42.947$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.8°C; Liquid Temperature:22.6°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.41, 10.41, 10.41) @ 848.8 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

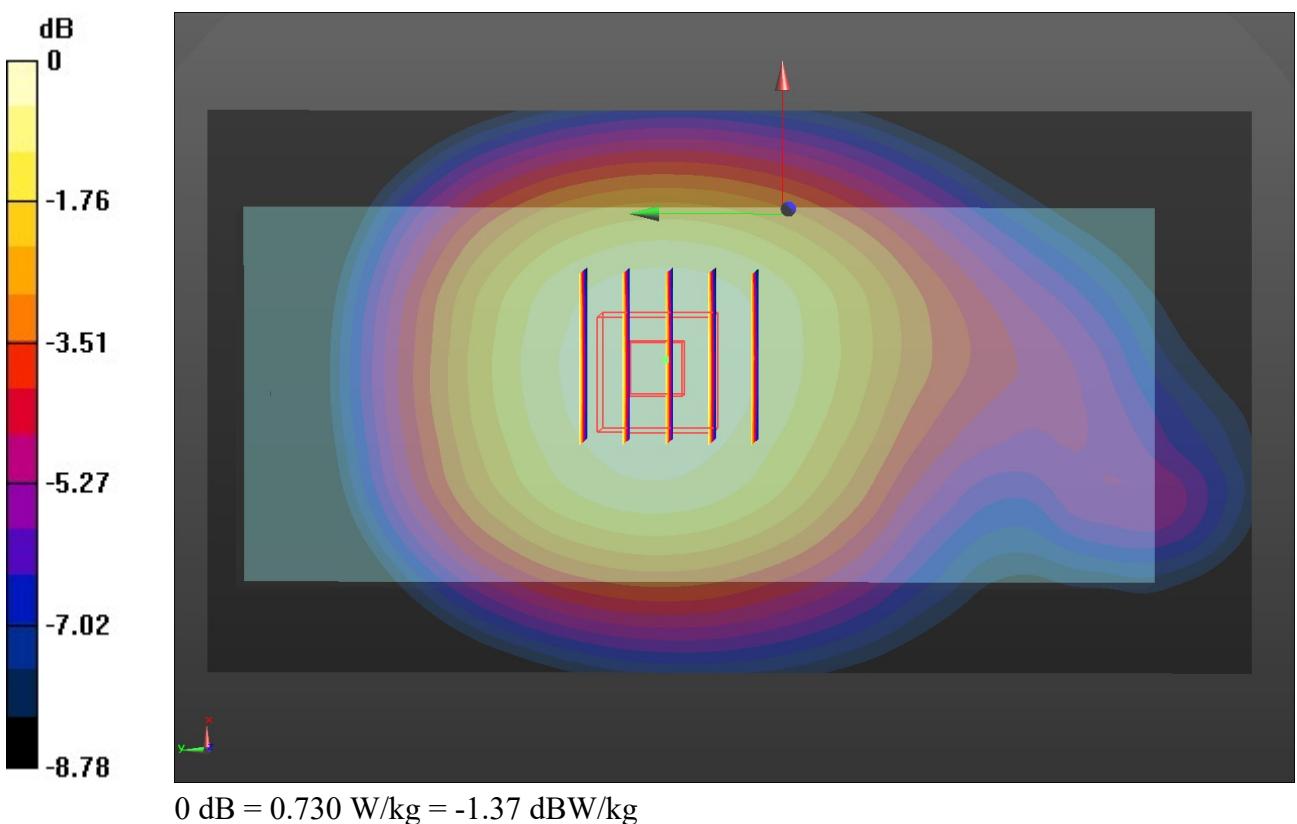
Front/CH 251/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.731 W/kg

Front/CH 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.21 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 0.730 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/20/2019

GSM1900 Body&Hotspot

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.66993

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.983$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.57, 8.57, 8.57) @ 1880 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

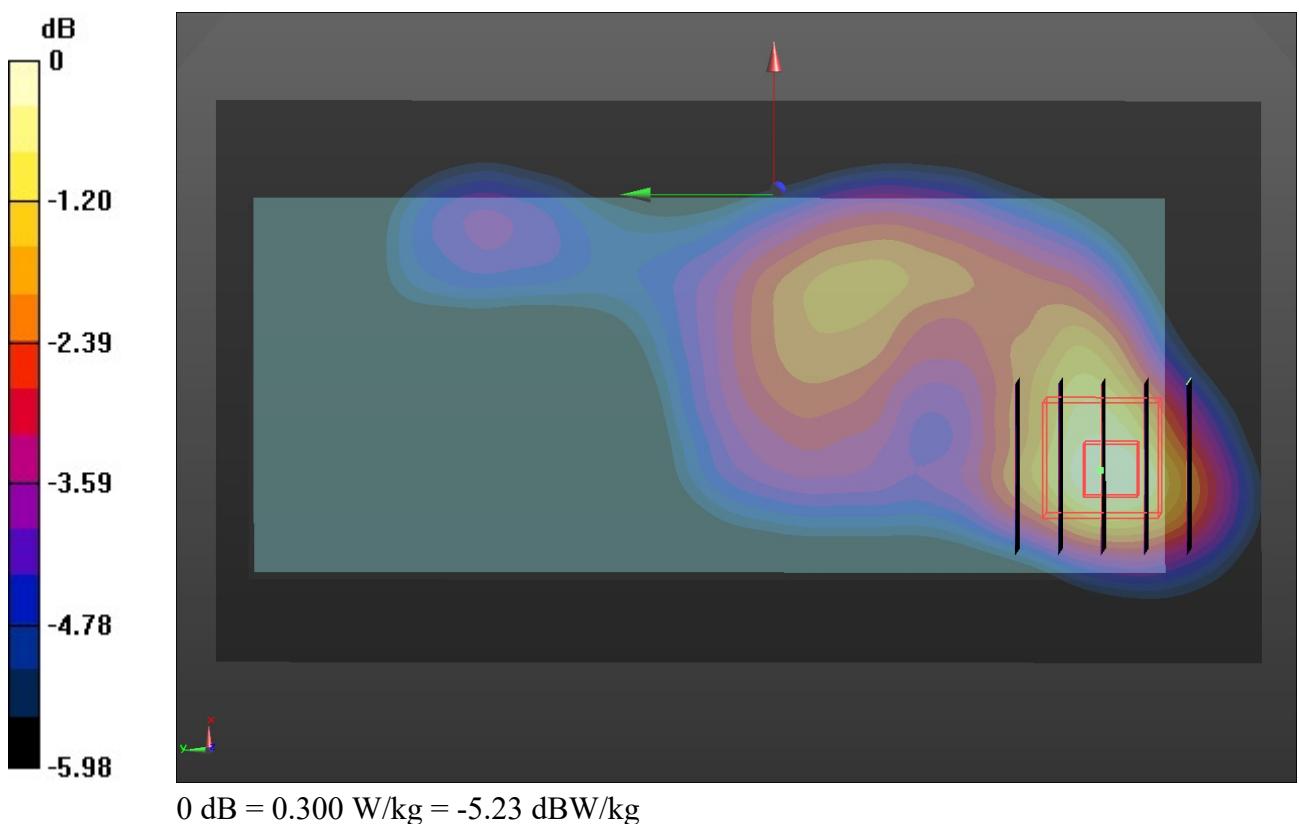
Front/CH 661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.302 W/kg

Front/CH 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.22 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.300 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/20/2019

WCDMA Band II Body&Hotspot

Communication System: UID 0, Generic UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 41.027$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.57, 8.57, 8.57) @ 1852.4 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

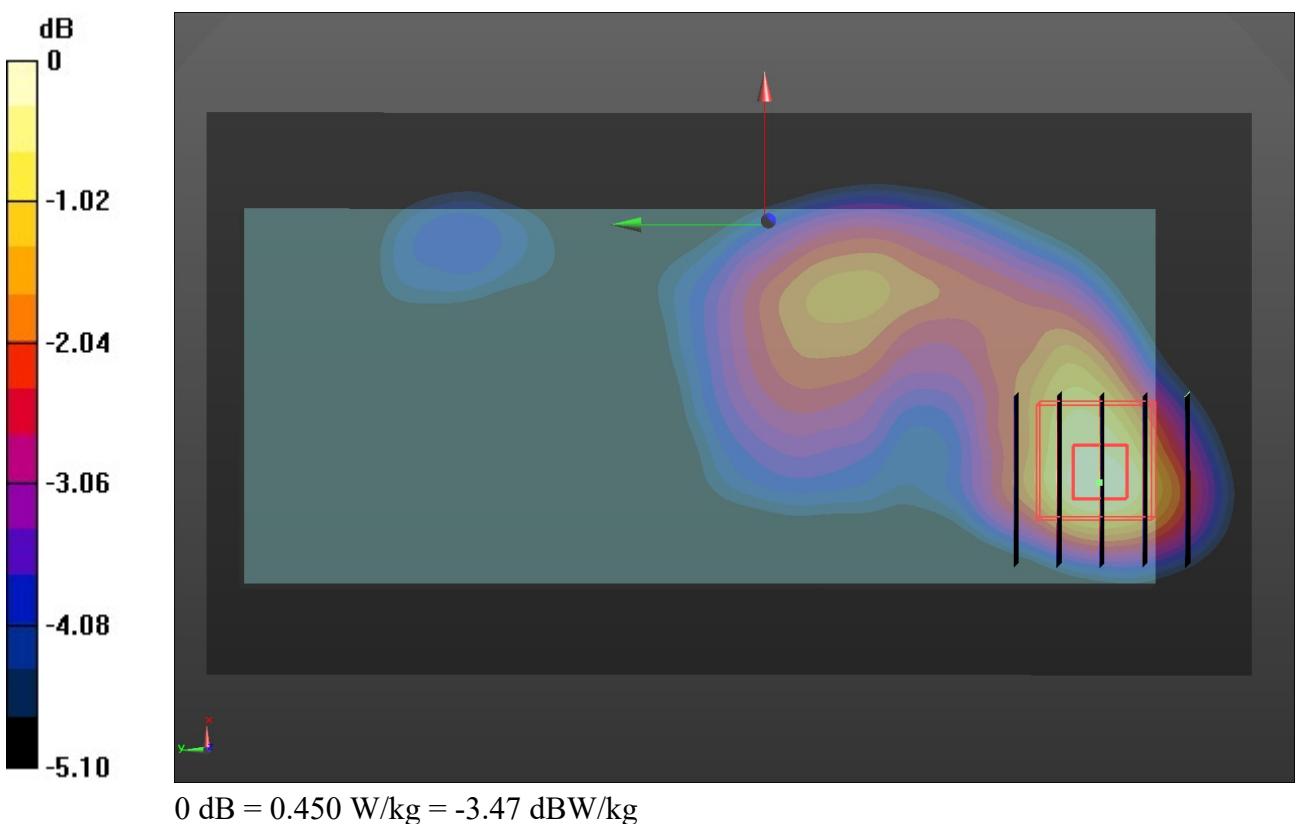
Front/CH 9262/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.446 W/kg

Front/CH 9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.39 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.450 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/19/2019

WCDMA Band IV Body&Hotspot

Communication System: UID 0, Generic UMTS (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6 \text{ MHz}$; $\sigma = 1.354 \text{ S/m}$; $\epsilon_r = 41.213$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.91, 8.91, 8.91) @ 1732.6 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

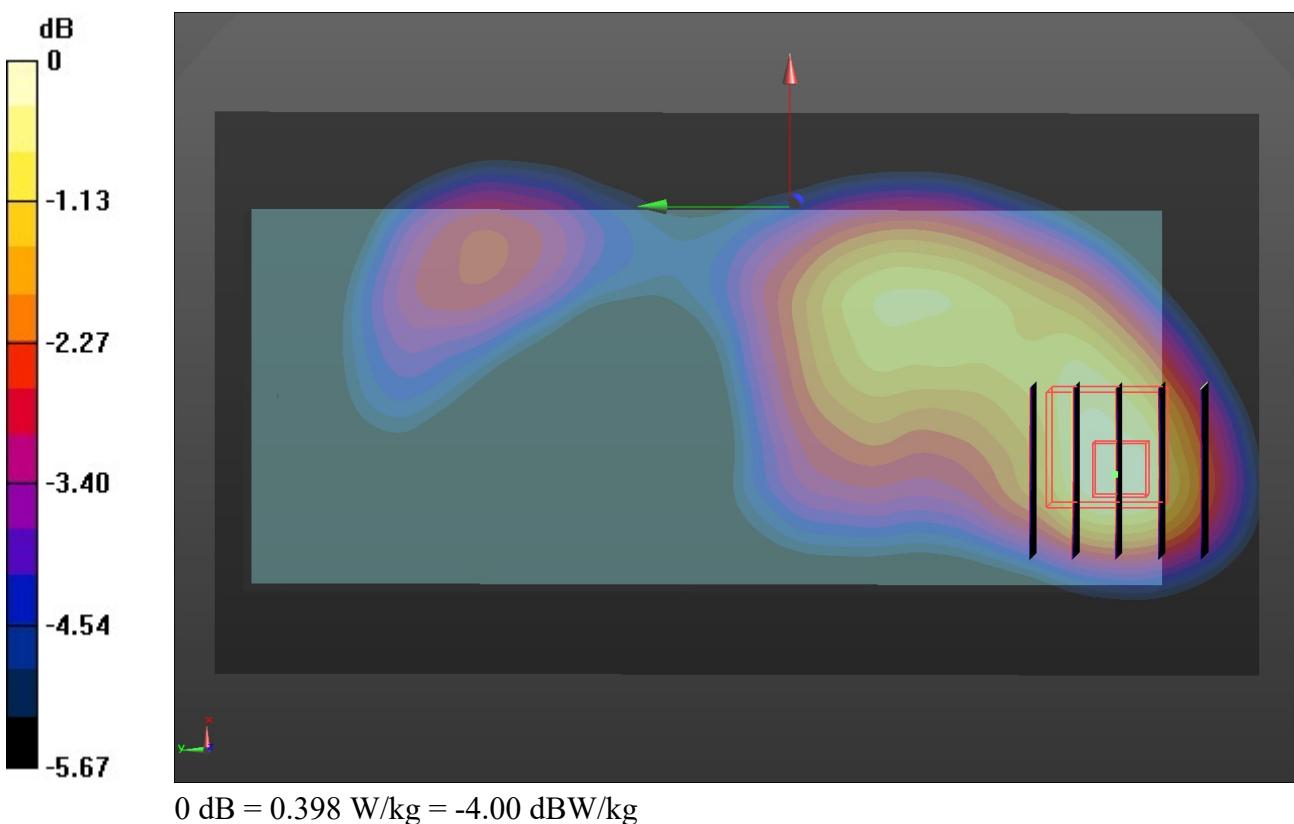
Front/CH 1413/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.393 W/kg

Front/CH 1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 10.34 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 0.398 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/18/2019

WCDMA Band V Body&Hotspot

Communication System: UID 0, Generic UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.939 \text{ S/m}$; $\epsilon_r = 42.953$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.1°C; Liquid Temperature: 21.9°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.41, 10.41, 10.41) @ 846.6 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

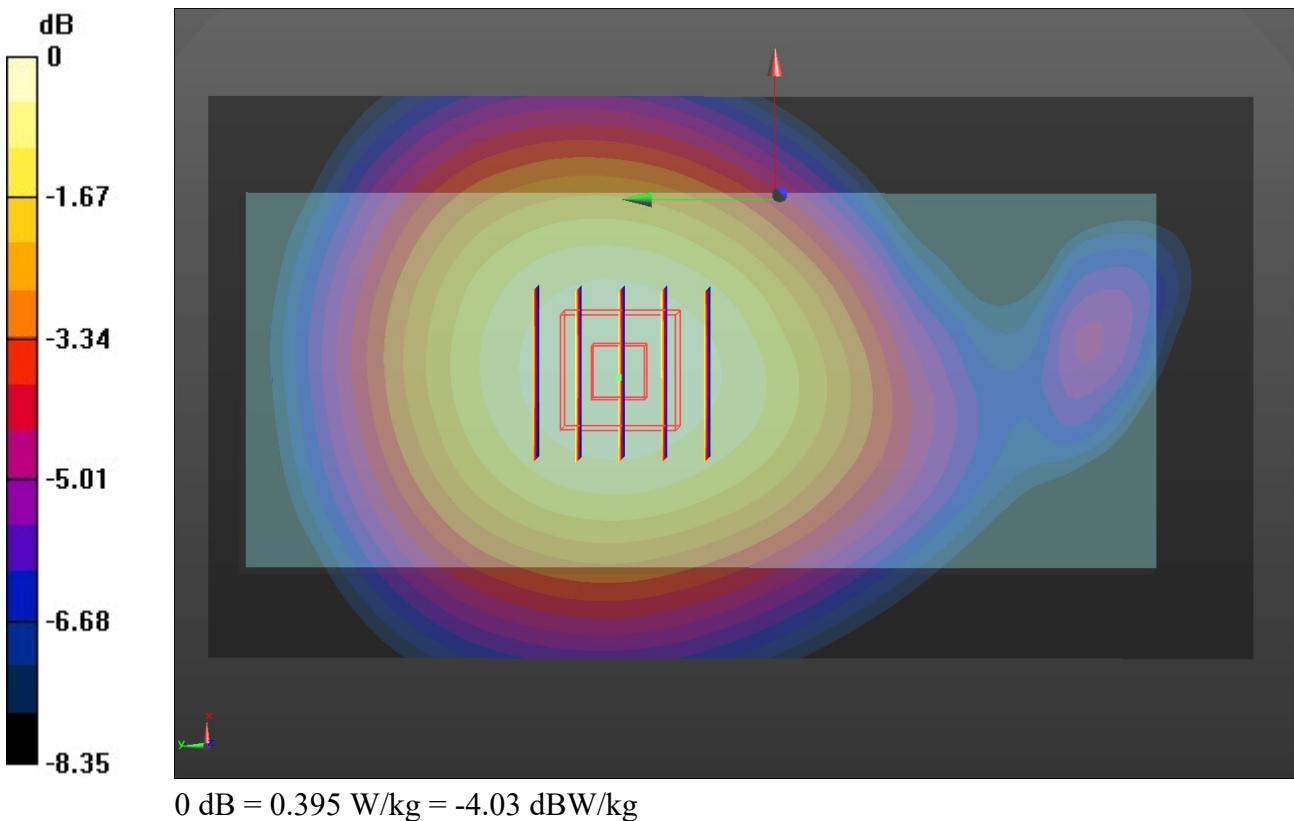
Rear/CH 4233/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.396 W/kg

Rear/CH 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 19.31 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 0.395 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/20/2019

LTE Band 2 Body&Hotspot

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.45 \text{ S/m}$; $\epsilon_r = 40.966$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.57, 8.57, 8.57) @ 1900 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 19100/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.302 W/kg

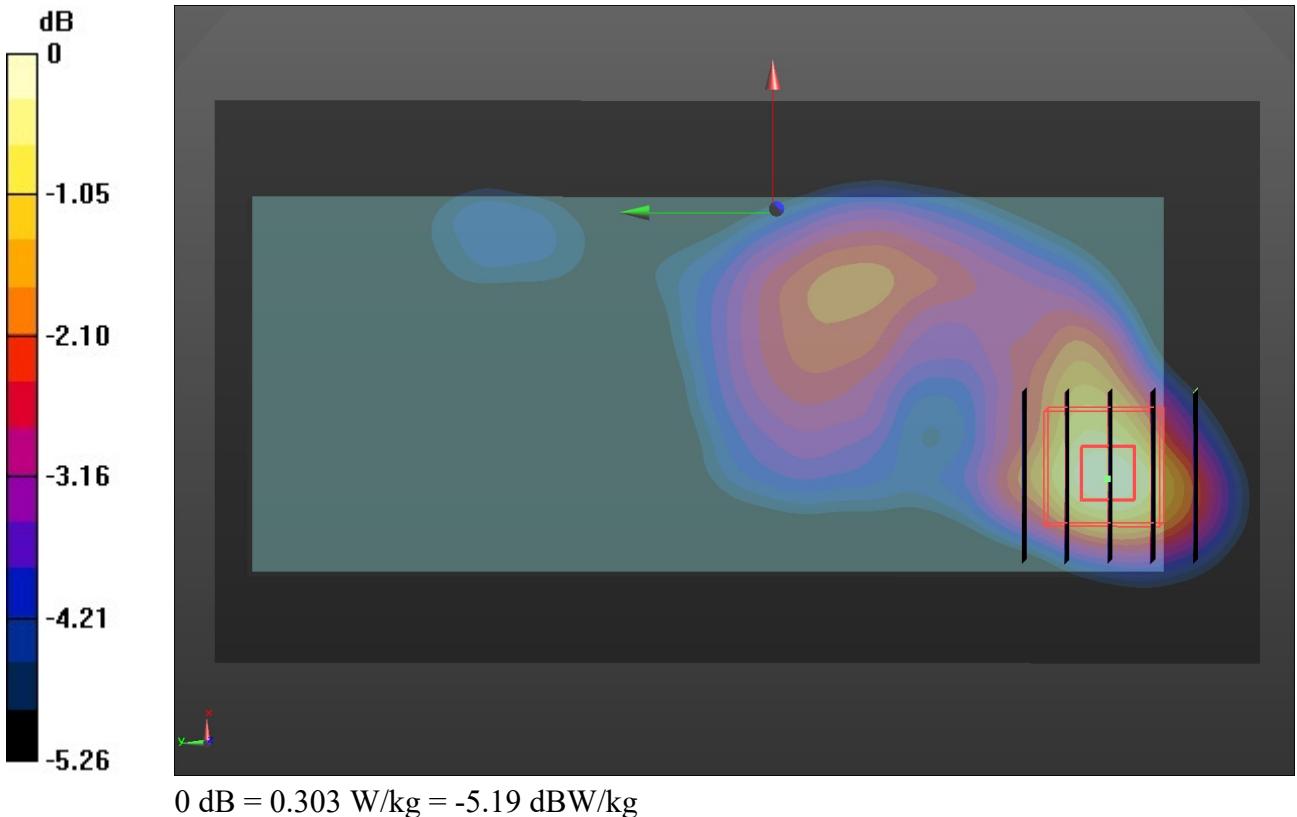
Front/CH 19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.978 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.303 W/kg



Appendix A:SAR Test Data Plots

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

Date: 12/19/2019

LTE Band 4 Body&Hotspot

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.361 \text{ S/m}$; $\epsilon_r = 41.195$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.91, 8.91, 8.91) @ 1745 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front/CH 20300/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.465 W/kg

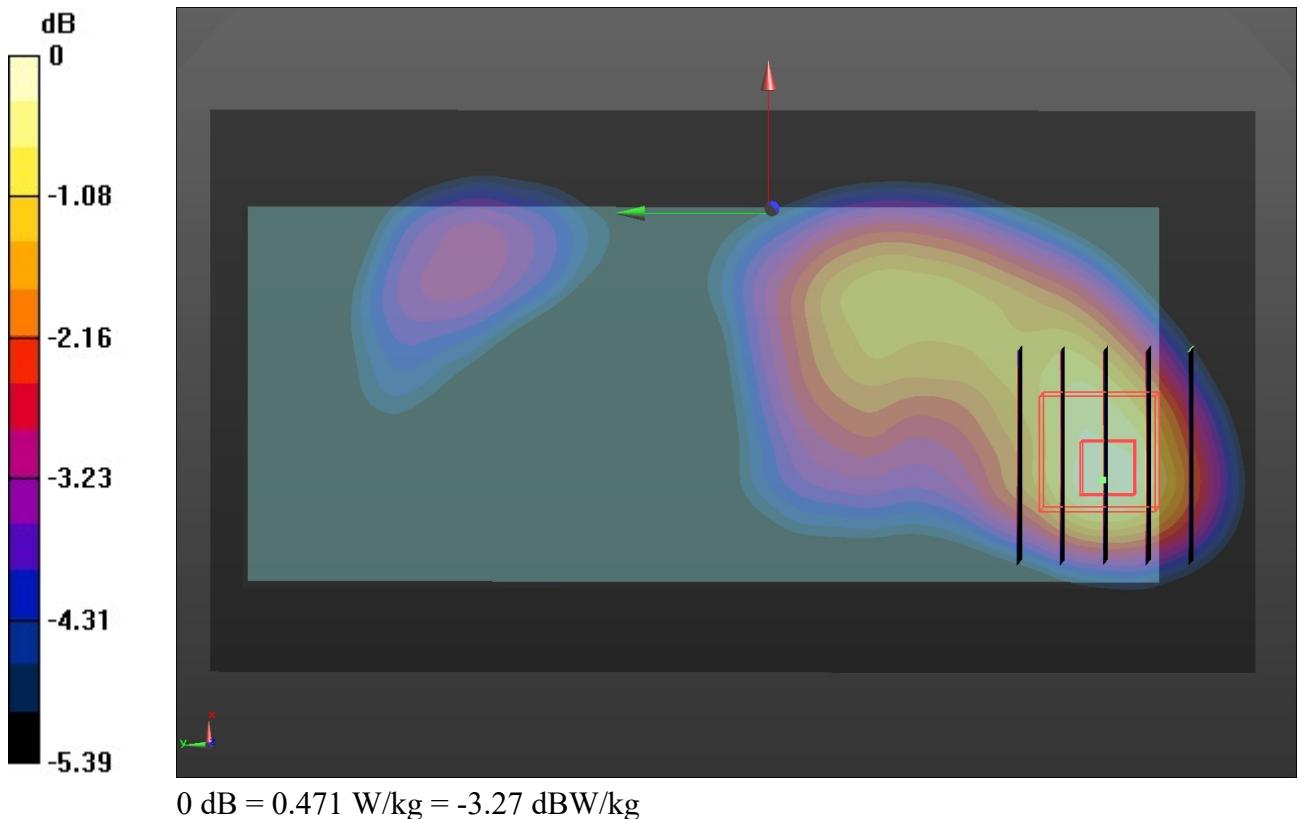
Front/CH 20300/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.81 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.471 W/kg



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

Date: 12/18/2019

LTE Band 5 Body&Hotspot

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 42.973$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C; Liquid Temperature: 22.5°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.41, 10.41, 10.41) @ 836.5 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- 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 20525/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0400 W/kg

Rear/CH 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.285 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0450 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0393 W/kg

