

Appendix A:SAR Test Data Plots

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

Date: 1/3/2020

GSM 850-Head

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): $f = 848.8 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 42.947$; $\rho = 1000 \text{ kg/m}^3$

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) @ 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)

Right Cheek Touch/CH 251/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.369 W/kg

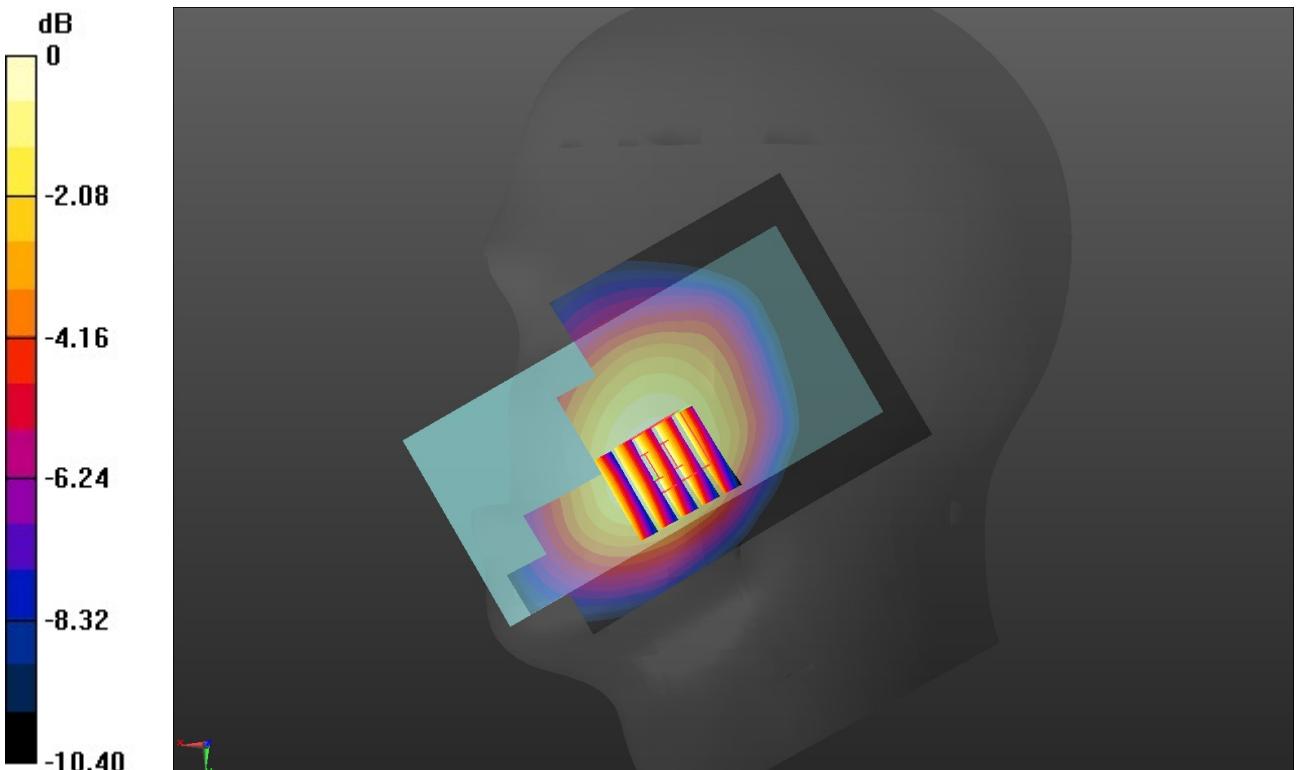
Right Cheek Touch/CH 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.829 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg

Plot No.1

Appendix A:SAR Test Data Plots

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

Date: 1/7/2020

GSM 1900-Head

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: Right 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)

Right Cheek Touch/CH 661/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.289 W/kg

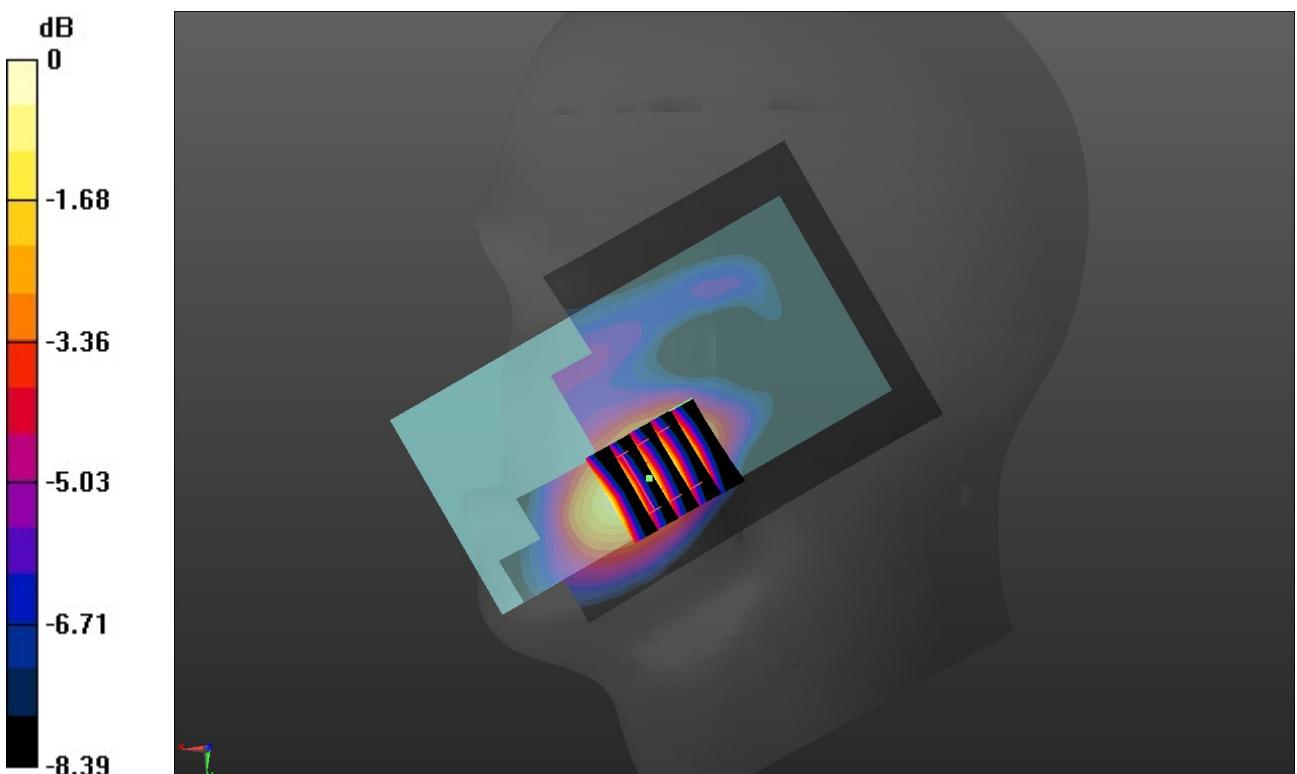
Right Cheek Touch/CH 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.806 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

Appendix A:SAR Test Data Plots

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

Date: 1/6/2020

WCDMA Band II-Head

Communication System: UID 0, Generic UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6 \text{ MHz}$; $\sigma = 1.455 \text{ S/m}$; $\epsilon_r = 40.955$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.57, 8.57, 8.57) @ 1907.6 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)

Right Cheek Touch/CH 9538/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.289 W/kg

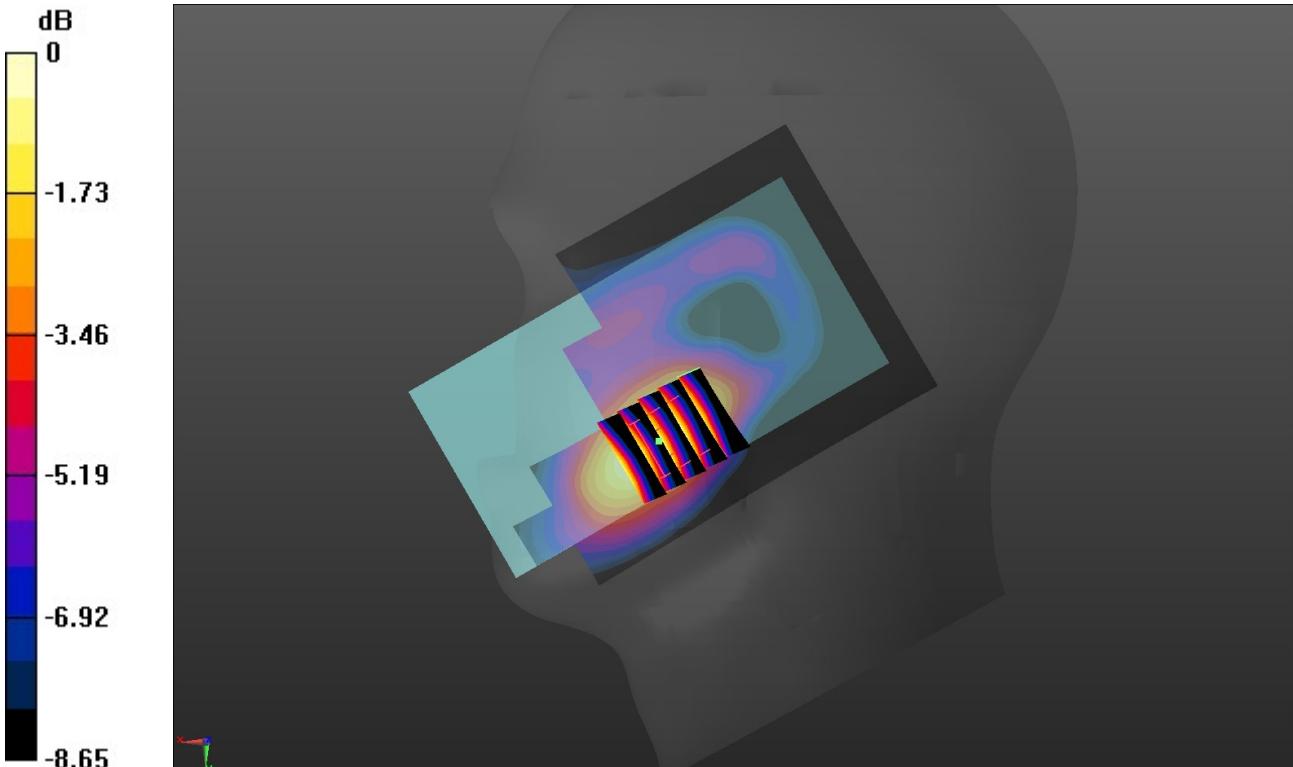
Right Cheek Touch/CH 9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.755 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/4/2020

WCDMA Band IV-Head

Communication System: UID 0, Generic UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1752.6 \text{ MHz}$; $\sigma = 1.365 \text{ S/m}$; $\epsilon_r = 41.181$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.91, 8.91, 8.91) @ 1752.6 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)

Right Cheek Touch/CH 1513/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.494 W/kg

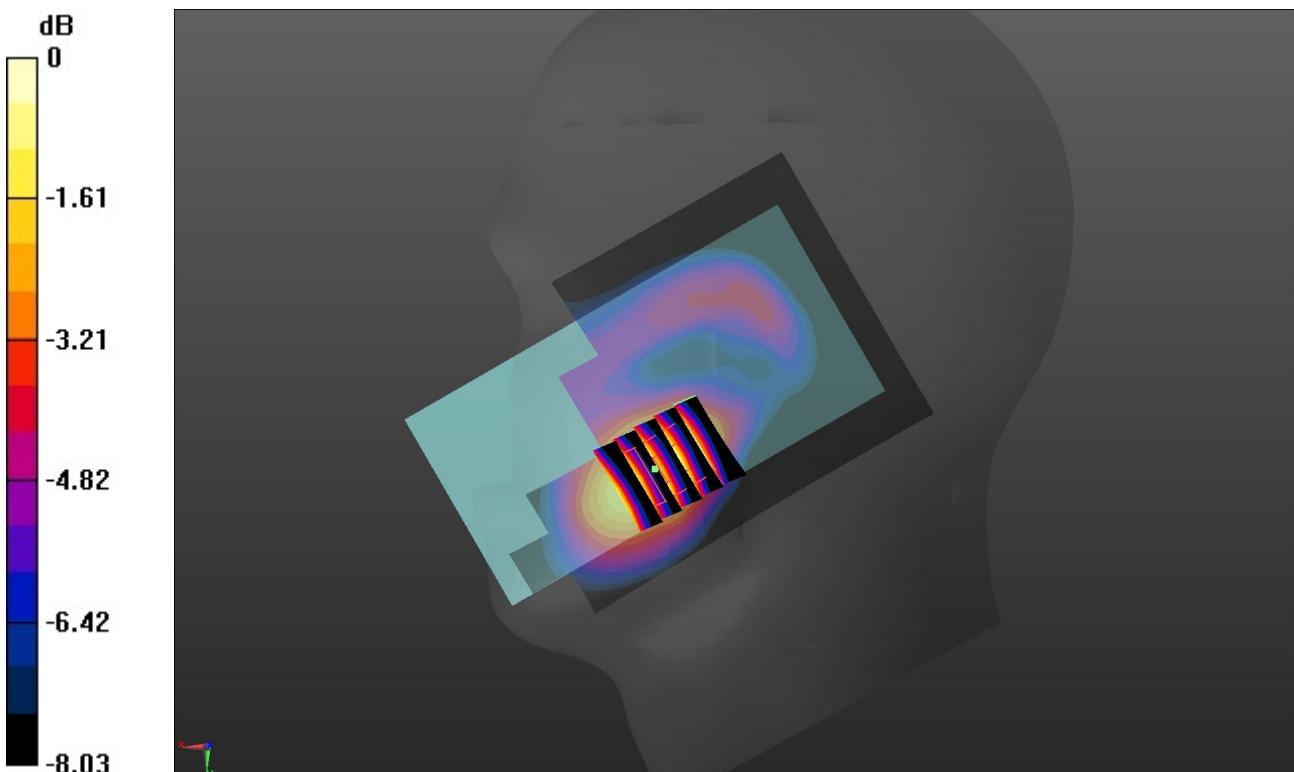
Right Cheek Touch/CH 1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.255 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.473 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/3/2020

WCDMA Band V-Head

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: Right 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)

Right Cheek Touch/CH 4233/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.197 W/kg

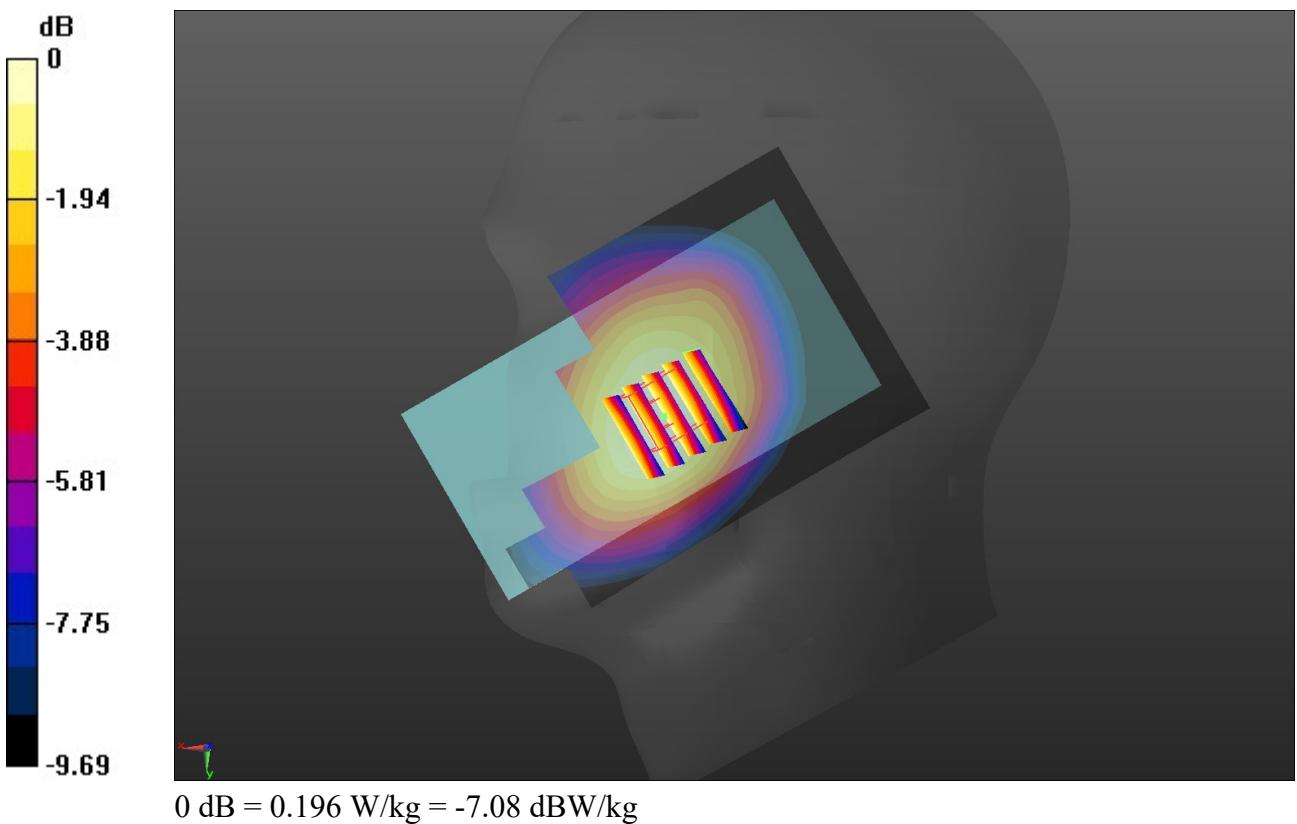
Right Cheek Touch/CH 4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.767 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/6/2020

LTE Band 2-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ S/m}$; $\epsilon_r = 40.983$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

Right Cheek Touch/CH 18900/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

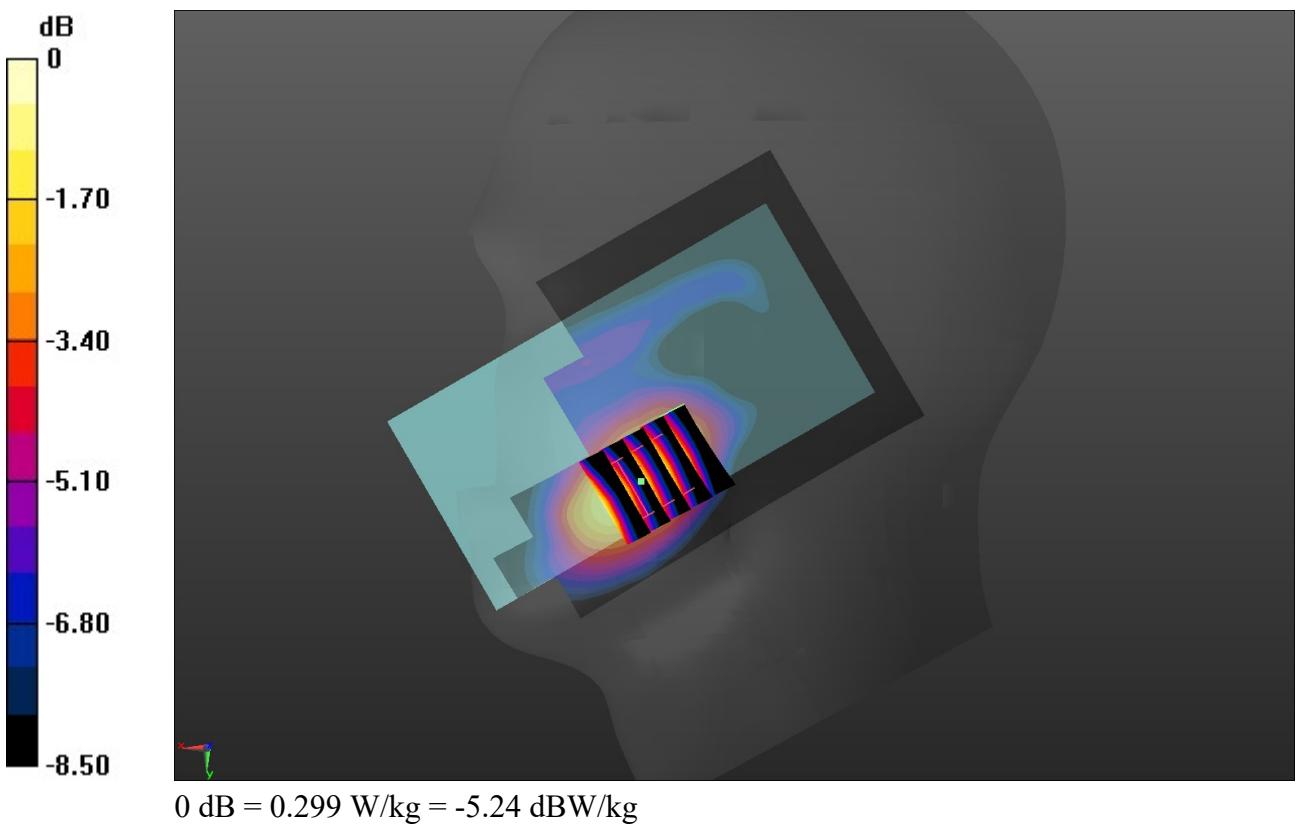
Right Cheek Touch/CH 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.338 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.299 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/4/2020

LTE Band 4-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.348 \text{ S/m}$; $\epsilon_r = 41.23$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.91, 8.91, 8.91) @ 1720 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 20050/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.439 W/kg

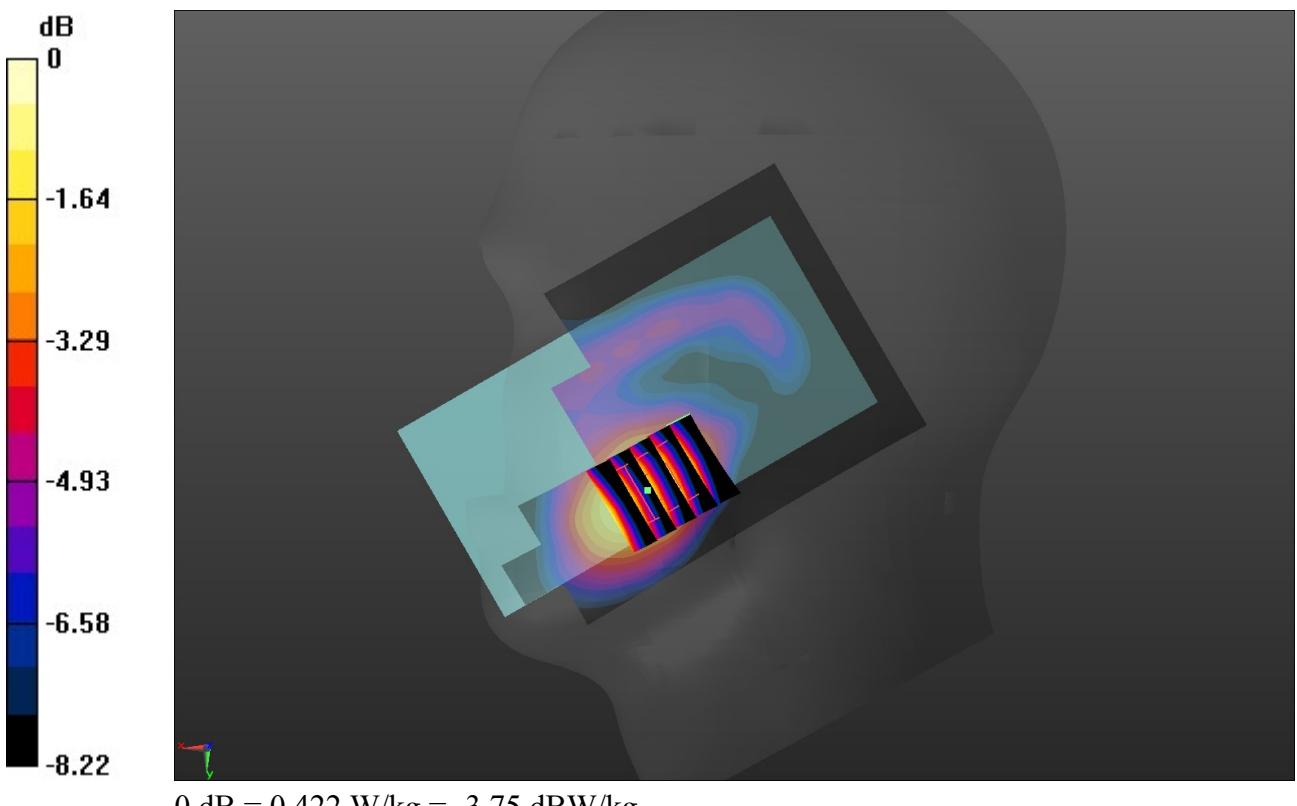
Right Cheek Touch/CH 20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.023 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.422 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/2/2020

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: 22.7°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)

Right Cheek Touch/CH 20525/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.204 W/kg

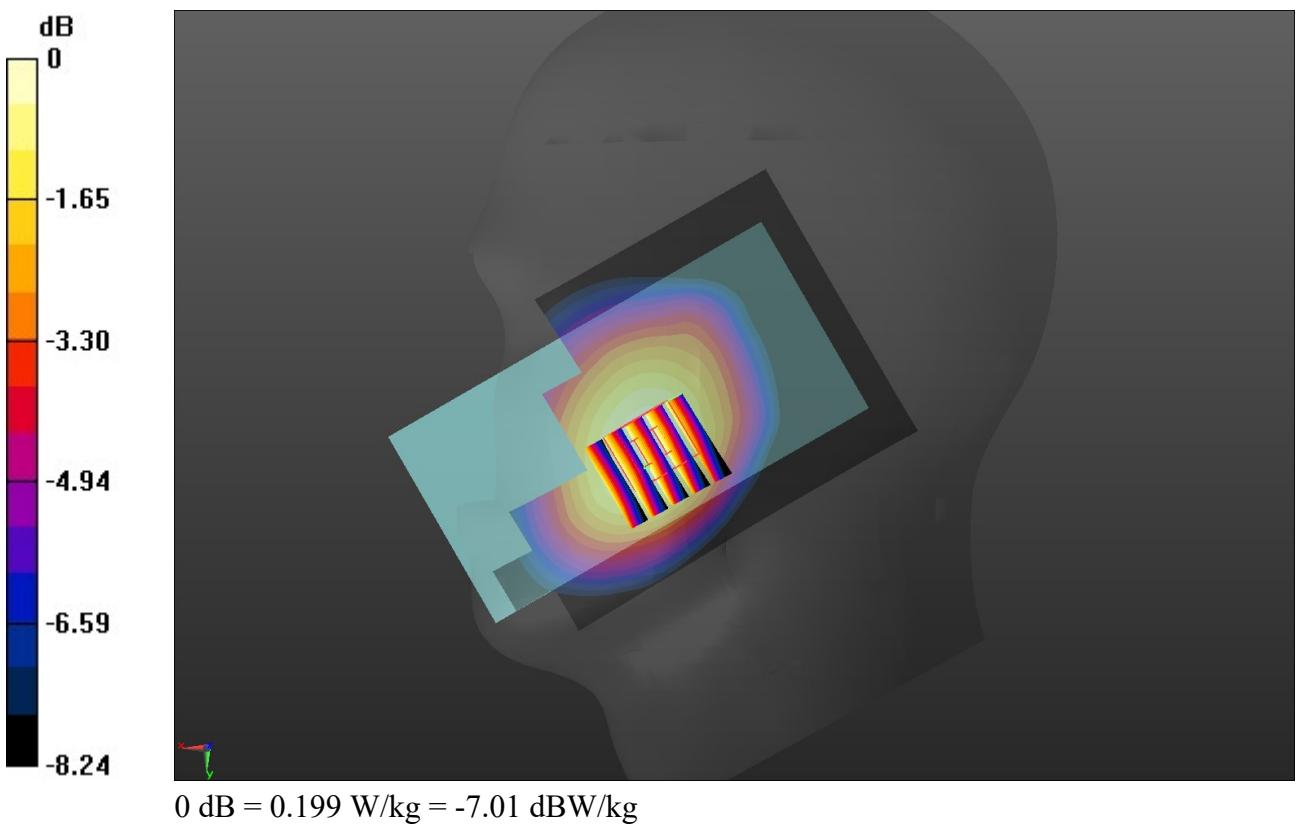
Right Cheek Touch/CH 20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.687 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.199 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/8/2020

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: Right 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)

Right Cheek Touch/CH 21350/Area Scan (91x131x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.300 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0628 W/kg

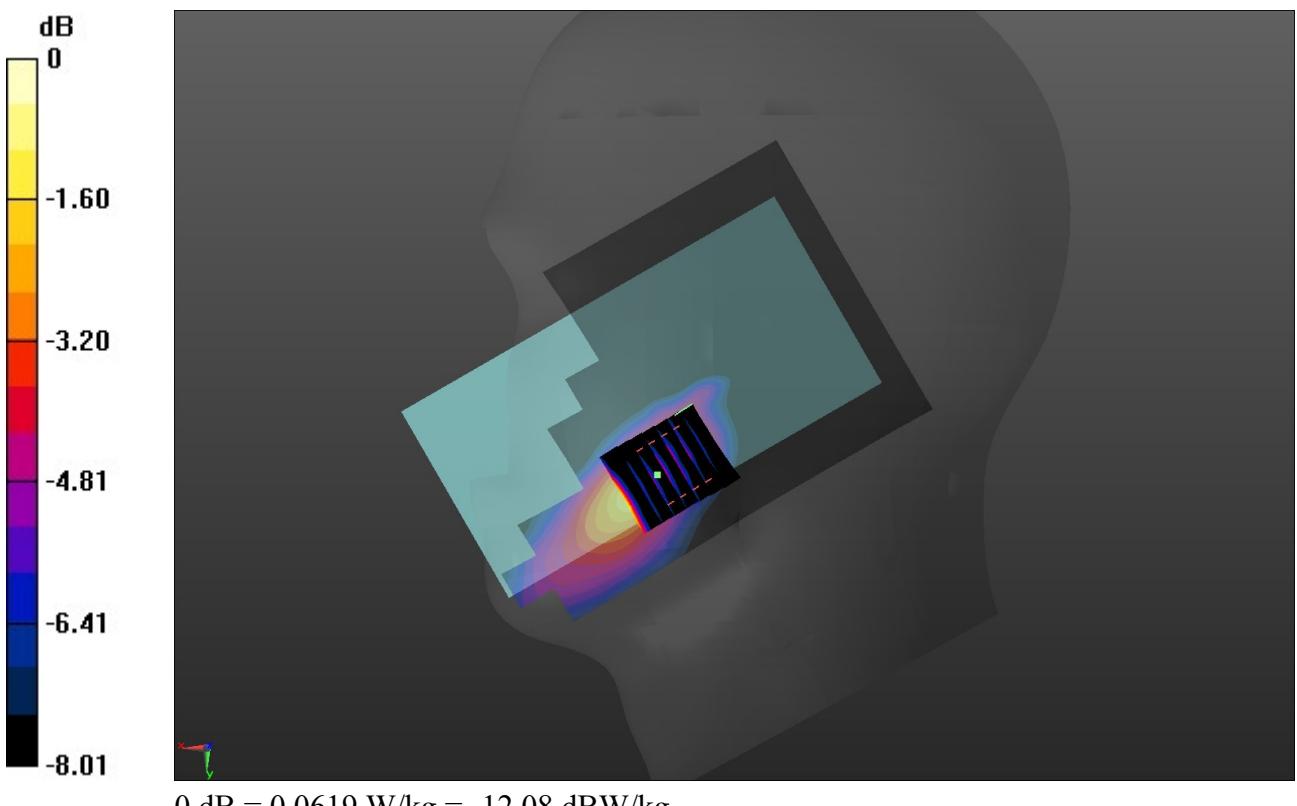
Right Cheek Touch/CH 21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5 \text{ mm}$, $dy=5 \text{ mm}$, $dz=5 \text{ mm}$

Reference Value = 1.469 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0619 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/2/2020

LTE Band 12-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 704 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 704 \text{ MHz}$; $\sigma = 0.889 \text{ S/m}$; $\epsilon_r = 43.384$; $\rho = 1000 \text{ kg/m}^3$

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) @ 704 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 23060/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.195 W/kg

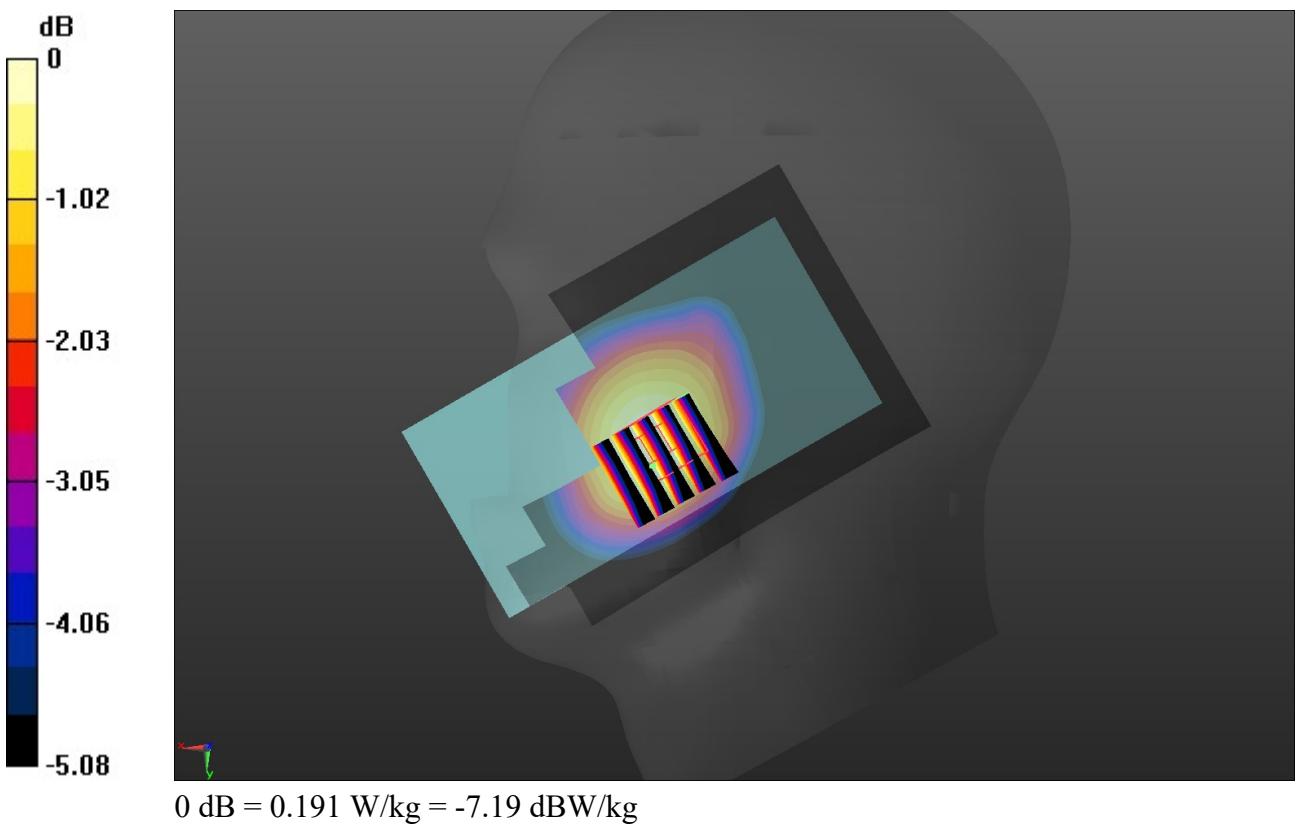
Right Cheek Touch/CH 23060/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.387 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.191 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/8/2020

LTE Band 41-Head

Communication System: UID 0, Generic LTE-TDD (0); Frequency: 2565 MHz; Duty Cycle: 1:1.57979

Medium parameters used (interpolated): $f = 2565 \text{ MHz}$; $\sigma = 1.922 \text{ S/m}$; $\epsilon_r = 40.039$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.69, 7.69, 7.69) @ 2565 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 40340/Area Scan (91x131x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.300 \text{ mm}$

Maximum value of SAR (interpolated) = 0.112 W/kg

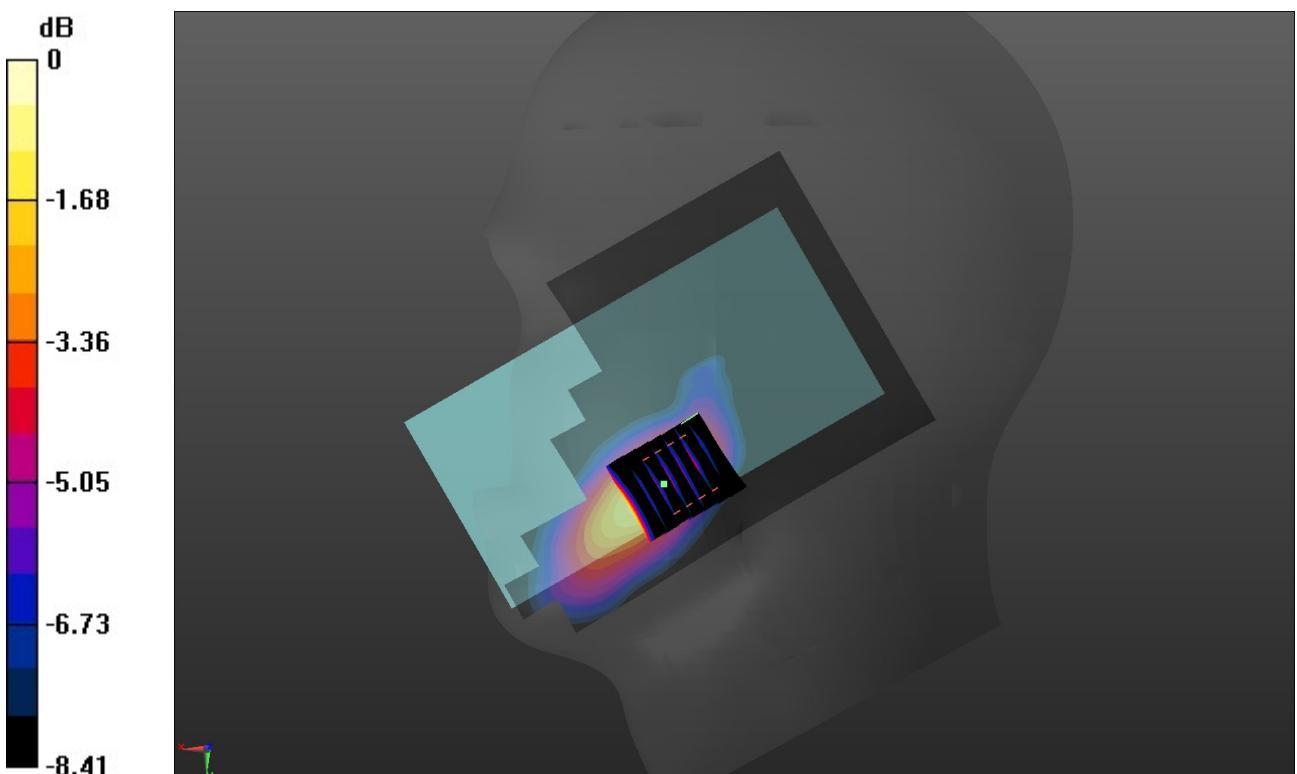
Right Cheek Touch/CH 40340/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.360 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

WiFi 2.4G-Head

Communication System: UID 0, Generic WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.799 \text{ S/m}$; $\epsilon_r = 40.272$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.9, 7.9, 7.9) @ 2412 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 1/Area Scan (91x151x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

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

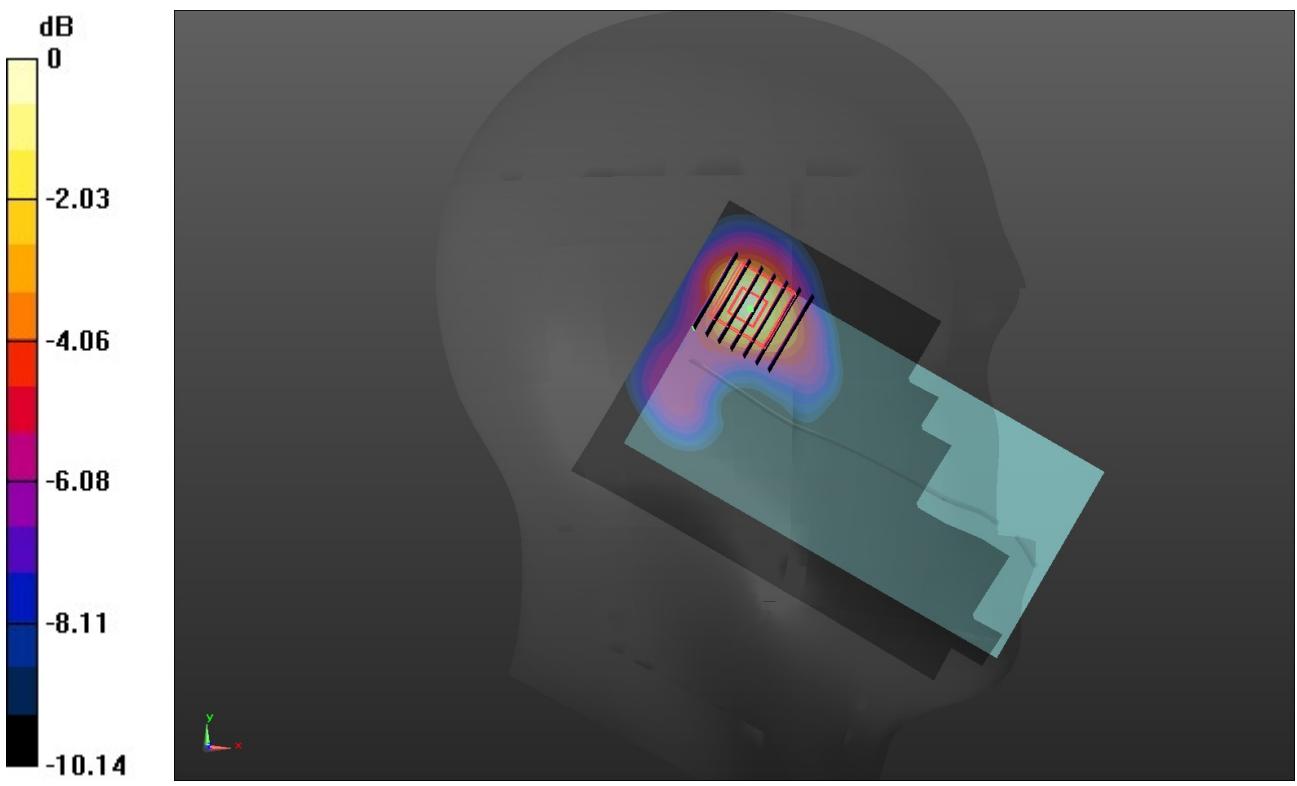
Left Touch Cheek/CH 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.11 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.818 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.662 W/kg



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

Date: 1/9/2020

WiFi 5G U-NII-1-Head

Communication System: UID 0, Generic WIFI (0); Frequency: 5220 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5220 \text{ MHz}$; $\sigma = 4.516 \text{ S/m}$; $\epsilon_r = 35.589$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.56, 5.56, 5.56) @ 5220 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 44/Area Scan (101x181x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.425 W/kg

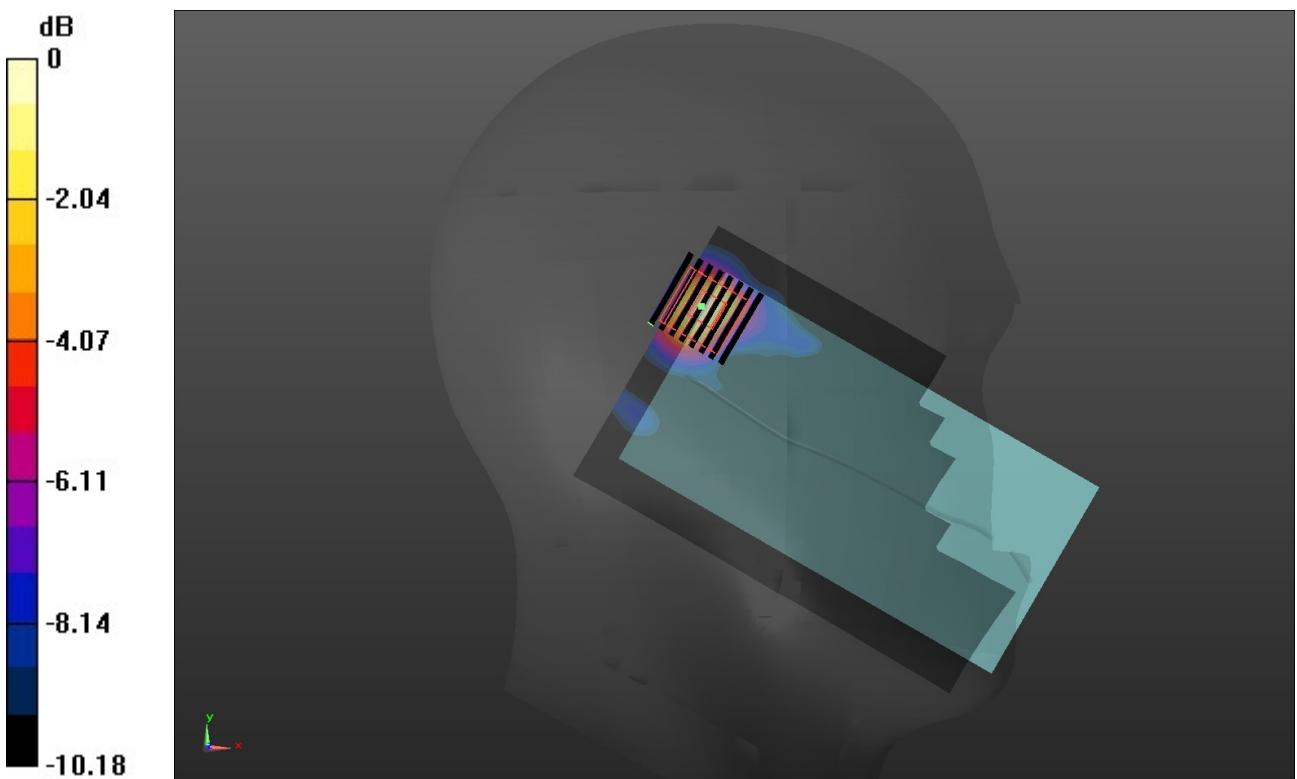
Left Touch Cheek/CH 44/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.098 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.451 W/kg = -3.46 dBW/kg

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

Date: 1/9/2020

WiFi 5G U-NII-2A-Head

Communication System: UID 0, Generic WIFI (0); Frequency: 5310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5310 \text{ MHz}$; $\sigma = 4.61 \text{ S/m}$; $\epsilon_r = 35.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.37, 5.37, 5.37) @ 5310 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 62/Area Scan (101x181x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.368 W/kg

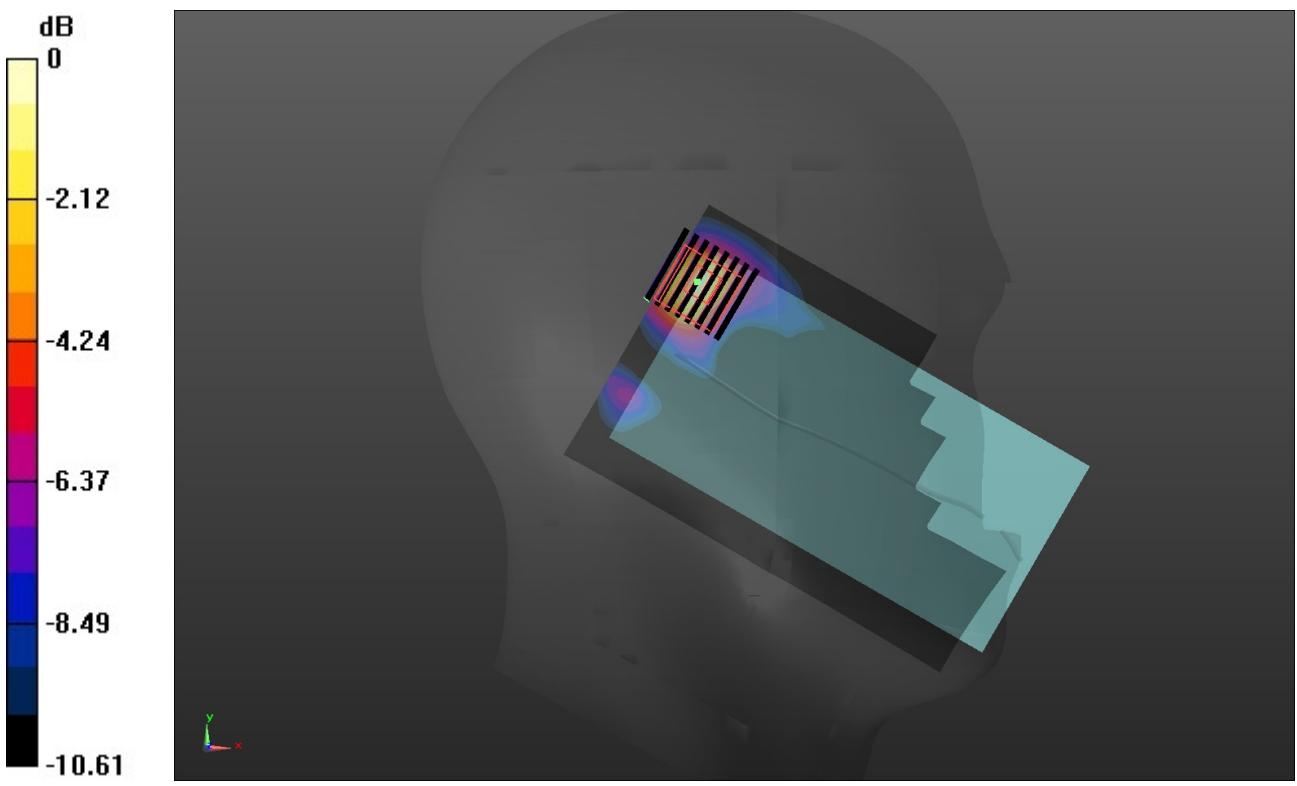
Left Touch Cheek/CH 62/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.274 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.678 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.401 W/kg



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

Date: 1/10/2020

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: 22.5°C; Liquid Temperature: 22.3°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 (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.336 W/kg

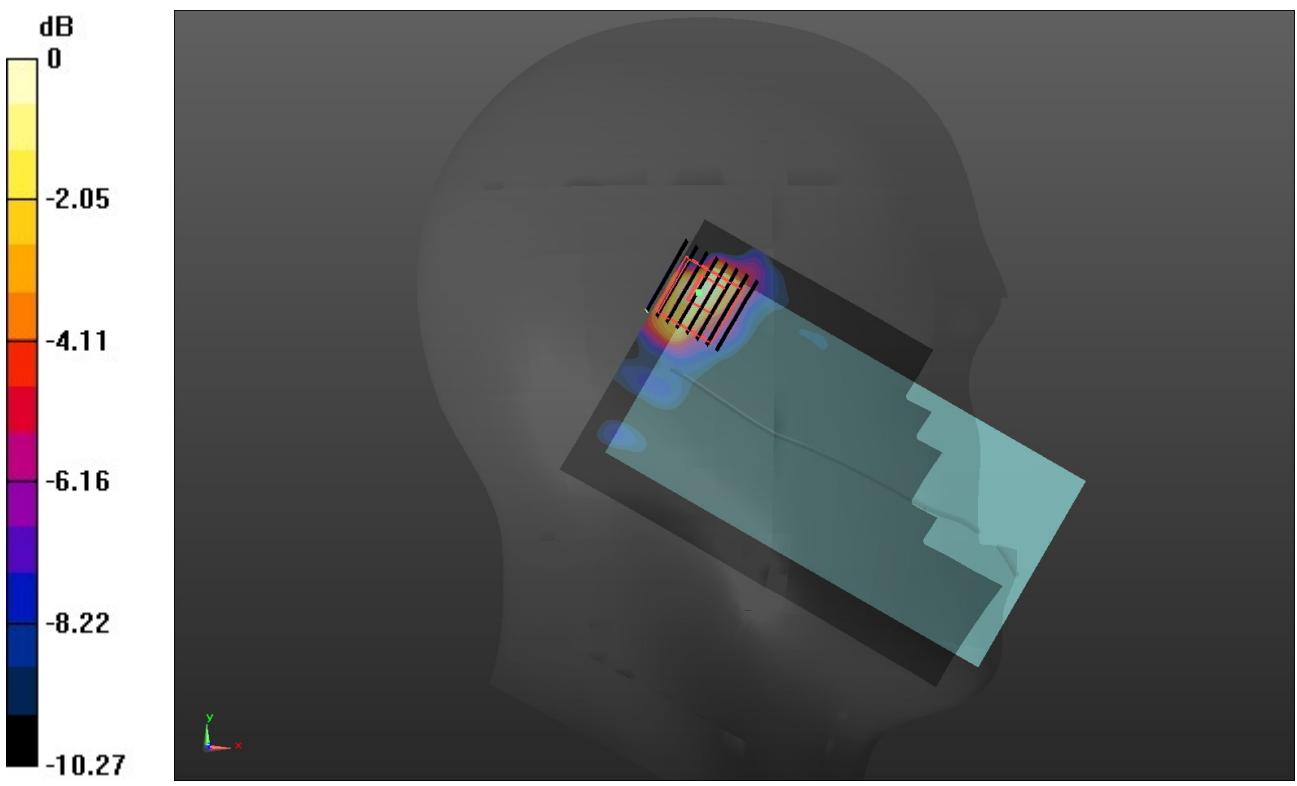
Left Touch Cheek/CH 155/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.320 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.044 W/kg

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



Appendix A:SAR Test Data Plots

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

Date: 1/3/2020

GSM 850-Body

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:22.7°C; Liquid Temperature:22.5°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)

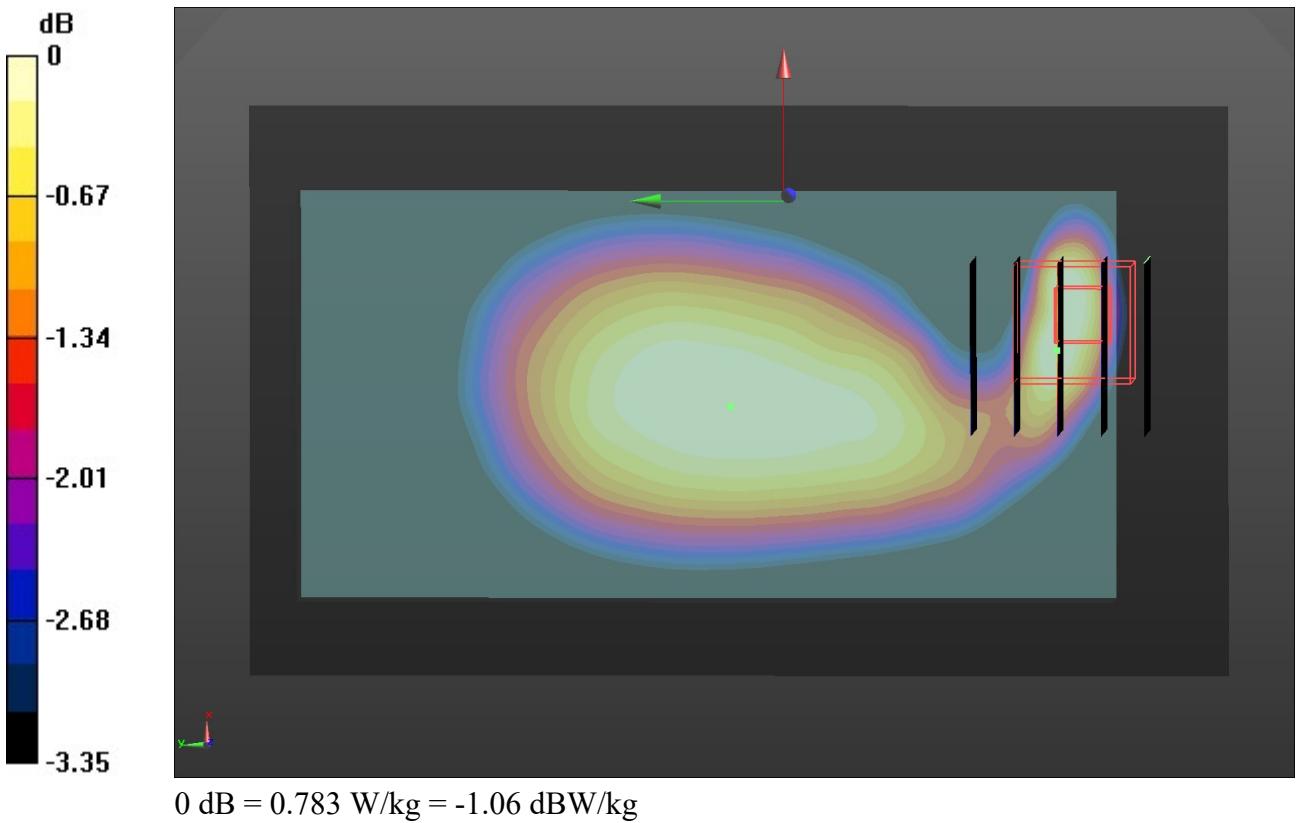
Rear/CH 251/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.810 W/kg

Rear/CH 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.75 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.783 W/kg



Appendix A:SAR Test Data Plots

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

Date: 1/7/2020

GSM 1900-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; $\sigma = 1.422$ S/m; $\epsilon_r = 41.03$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.57, 8.57, 8.57) @ 1850.2 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 512/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Rear/CH 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.15 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.29 W/kg

