



## Appendix B. SAR Measurement Plots

<b>Table of contents</b>
<b>GSM 850 MHz Head</b>
<b>GSM 850 MHz Body</b>
<b>GSM 1900 MHz Head</b>
<b>GSM 1900 MHz Body</b>
<b>WCDMA 850 MHz Head</b>
<b>WCDMA 850 MHz Body</b>
<b>WCDMA 1900 MHz Head</b>
<b>WCDMA 1900 MHz Body</b>

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 190CH Left hand touch check

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.481 mW/g

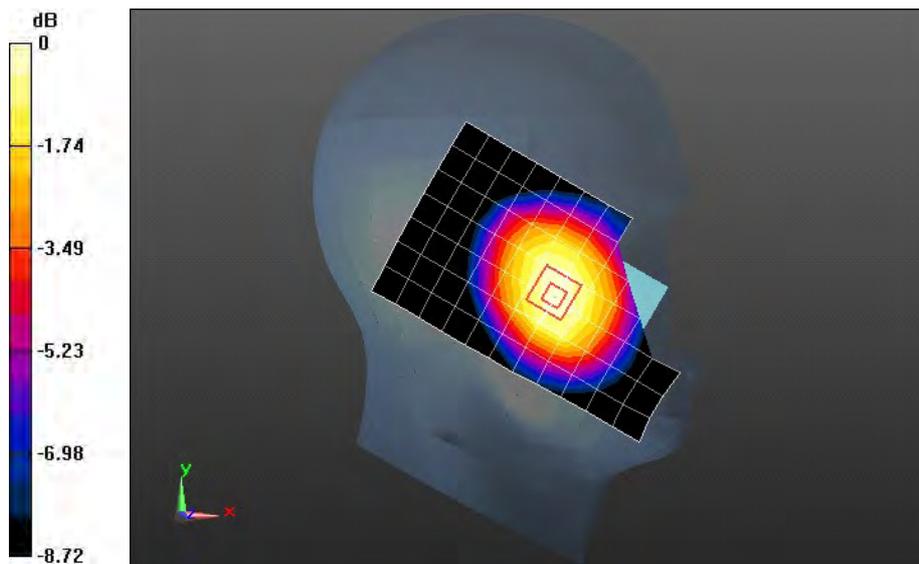
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.919 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.5710

**SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (measured) = 0.487 mW/g



0 dB = 0.490mW/g = -6.20 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 190CH Left hand tilt 15 degree

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.389 mW/g

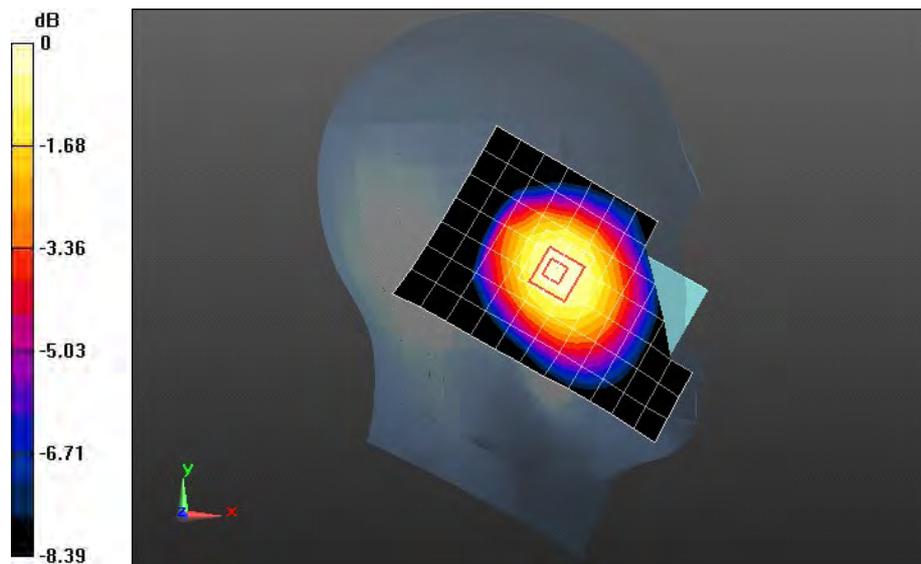
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.873 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.4990

**SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 0.413 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 190CH Right hand touch check

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.527 mW/g

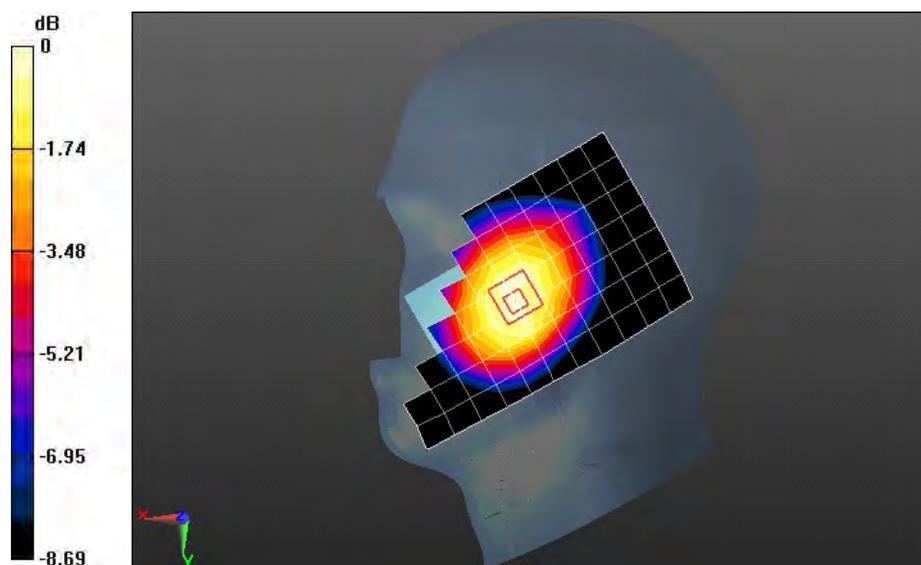
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.958 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.6400

**SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.391 mW/g**

Maximum value of SAR (measured) = 0.537 mW/g



0 dB = 0.540mW/g = -5.35 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 190CH Right hand tilt 15 degree

DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.379 mW/g

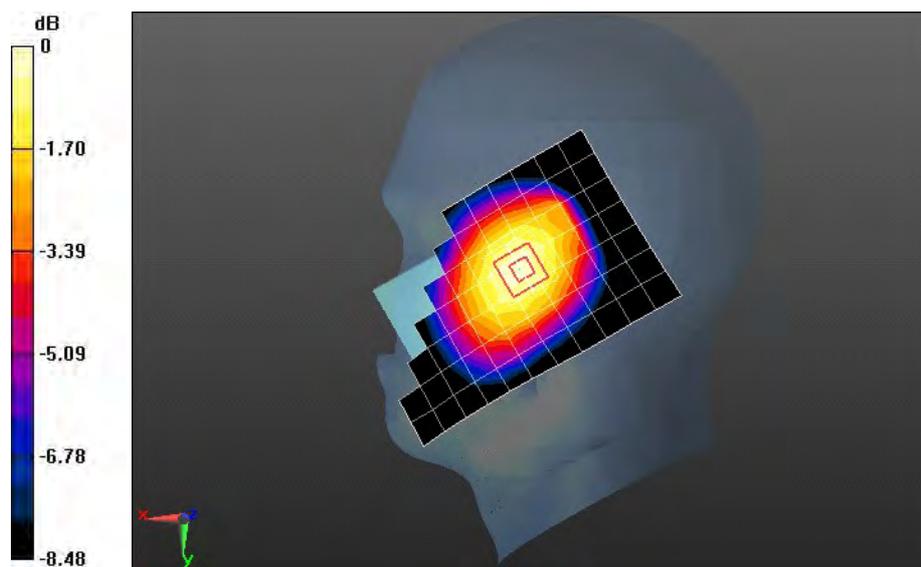
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.695 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.4800

**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.399 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 190CH Right hand touch cheek with battery SN-GAGBB22XC4700460**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.552 mW/g

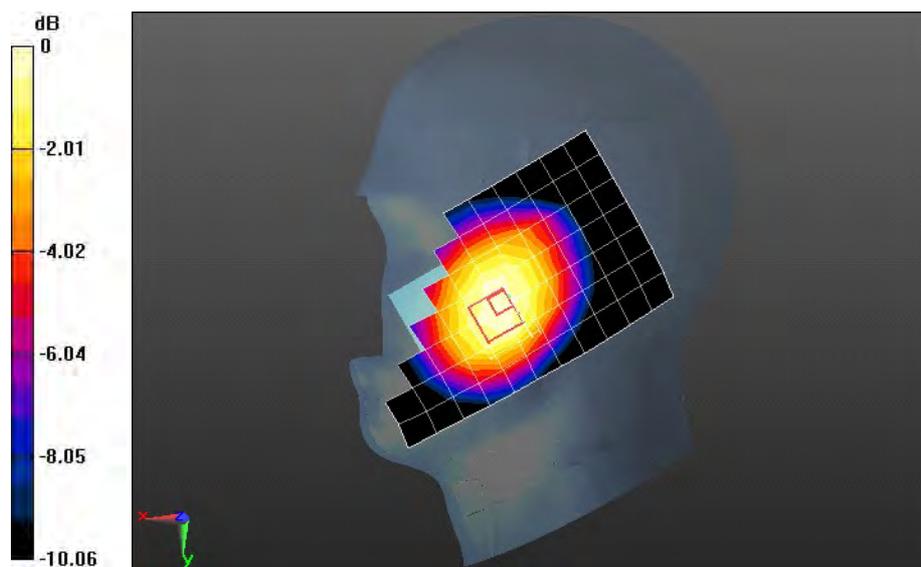
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.938 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.6540

**SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (measured) = 0.550 mW/g



0 dB = 0.550mW/g = -5.19 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 190CH Right hand touch cheek with battery SN-BAAC214F97400336****DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.550 mW/g

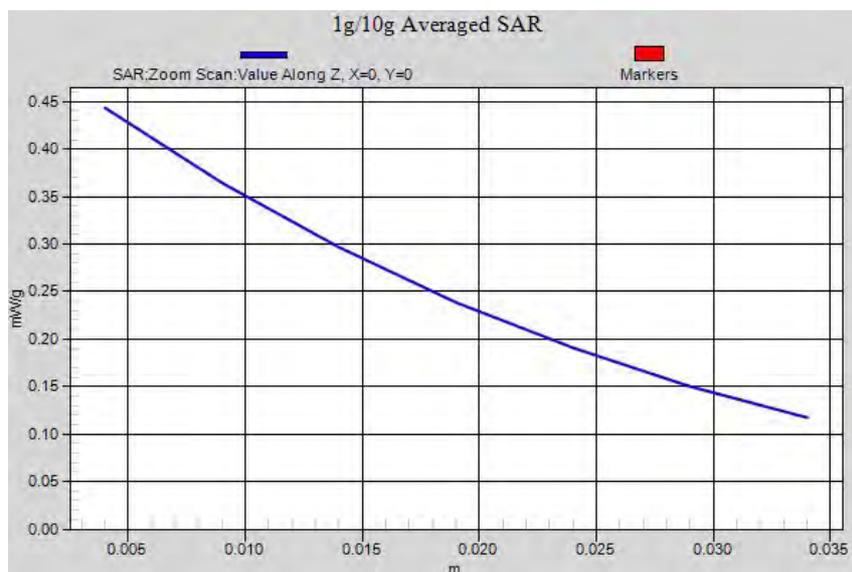
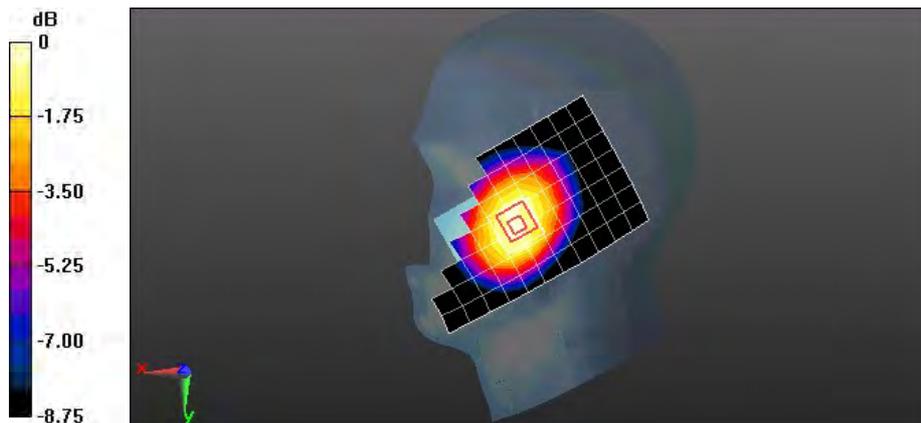
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.425 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.665 mW/g

**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 0.561 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 190CH Right hand touch cheek with battery SN-MHCBA306I43N0017**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.540 mW/g

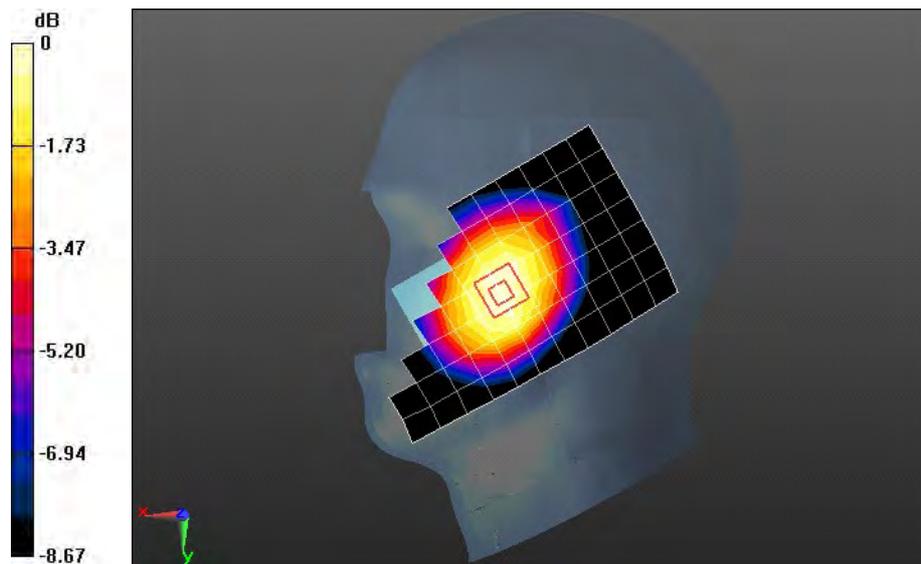
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.541 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.6490

**SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.400 mW/g**

Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.540mW/g = -5.35 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 190CH Right hand touch cheek with battery SN-UAIC320X03055608**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

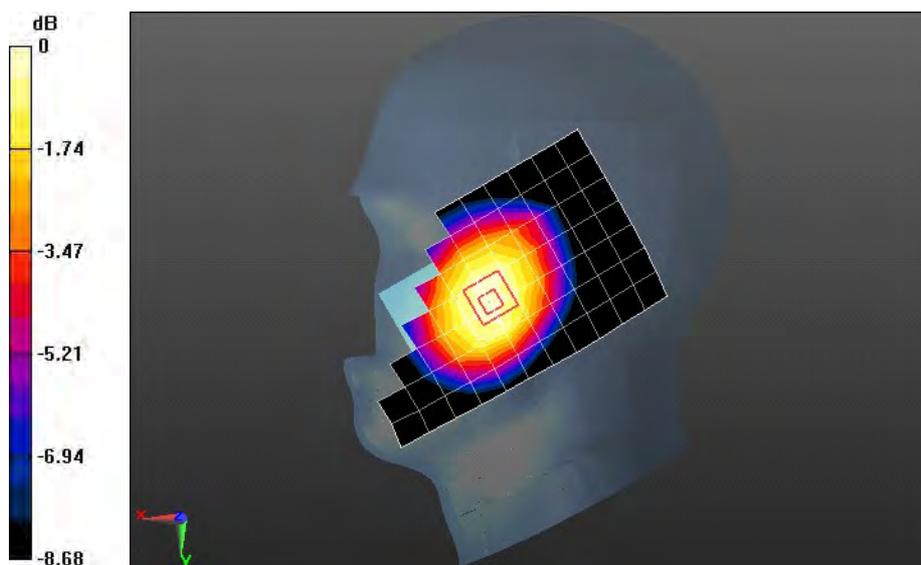
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz  
Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 42.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.530 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 7.774 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.6240  
**SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.392 mW/g**  
Maximum value of SAR (measured) = 0.533 mW/g



0 dB = 0.530mW/g = -5.51 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 GPRS 1TS 190CH Towards Phantom 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.559 mW/g

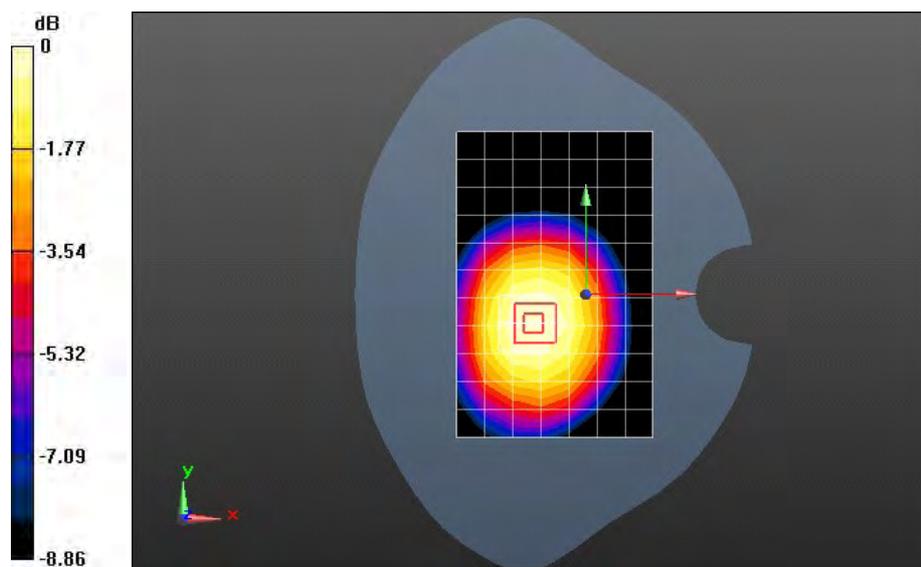
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 22.529 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.6840

**SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.406 mW/g**

Maximum value of SAR (measured) = 0.563 mW/g



0 dB = 0.560mW/g = -5.04 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 GPRS 2TS 190CH Towards Phantom 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.590 mW/g

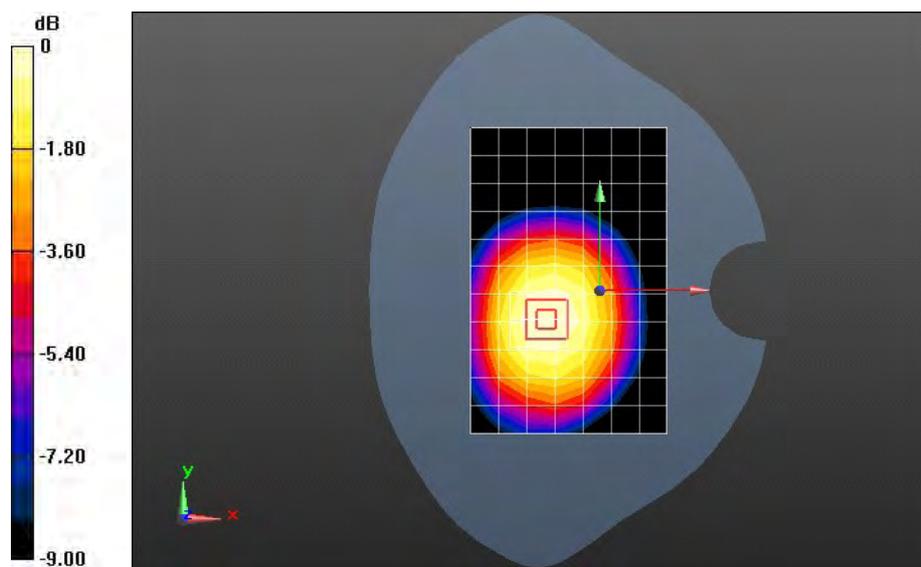
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 23.333 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.7340

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.435 mW/g**

Maximum value of SAR (measured) = 0.600 mW/g



0 dB = 0.600mW/g = -4.44 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 GPRS 2TS 251CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 53.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.644 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.554 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.0360

**SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.390 mW/g**

Maximum value of SAR (measured) = 0.698 mW/g

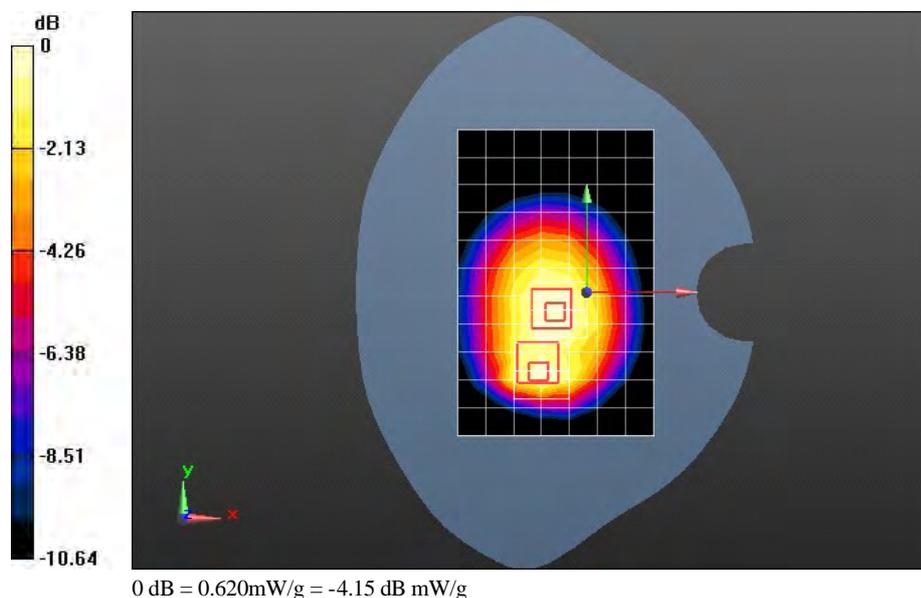
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.554 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.7970

**SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.424 mW/g**

Maximum value of SAR (measured) = 0.622 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 GPRS 2TS 190CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.948 mW/g

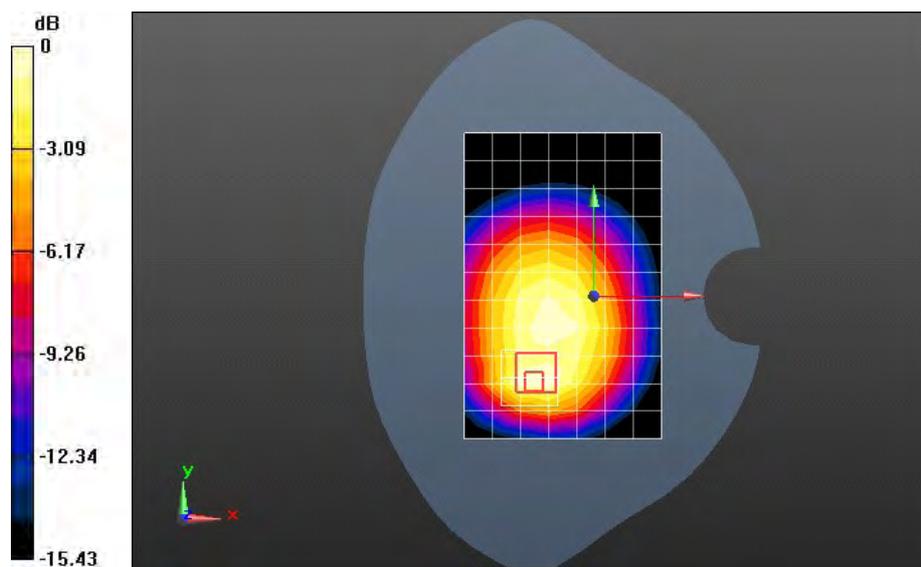
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 27.860 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.5070

**SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.577 mW/g**

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.990mW/g = -0.09 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 GPRS 2TS 128CH Towards Ground 10mm**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.08 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 32.141 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.716 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.683 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.18 mW/g

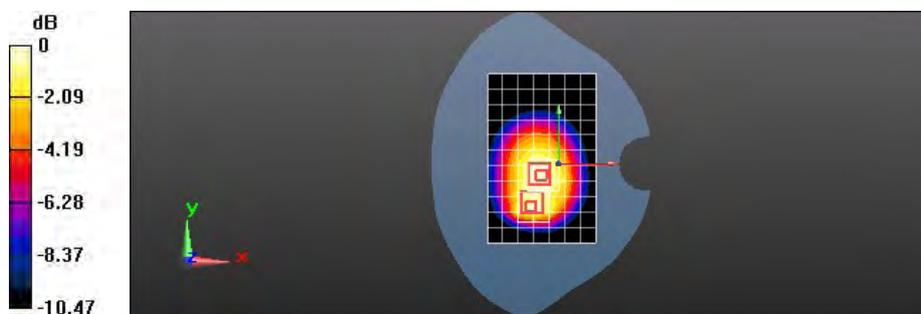
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 32.141 V/m; Power Drift = -0.05 dB

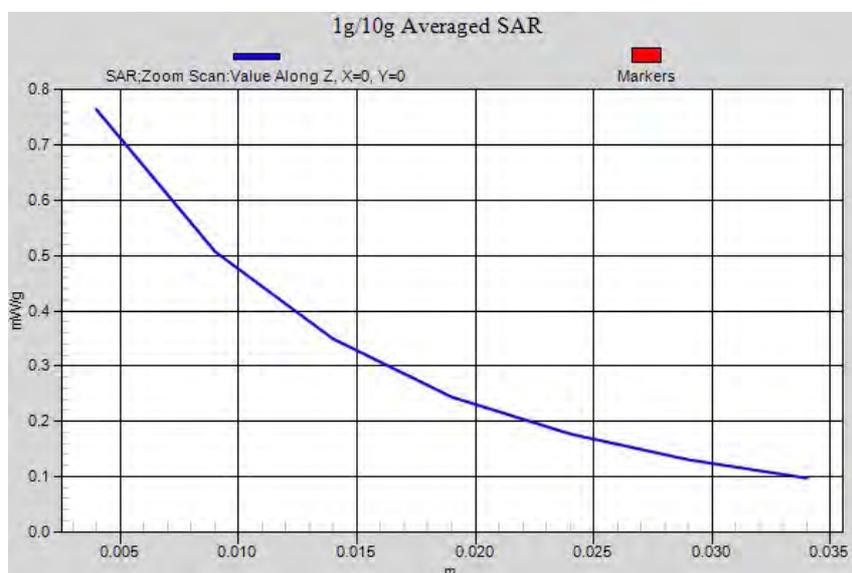
Peak SAR (extrapolated) = 1.357 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.735 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)



0 dB = 1.08 mW/g = 0.67 dB mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 GPRS 2TS 190CH Left edge 10mm

DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.477 mW/g

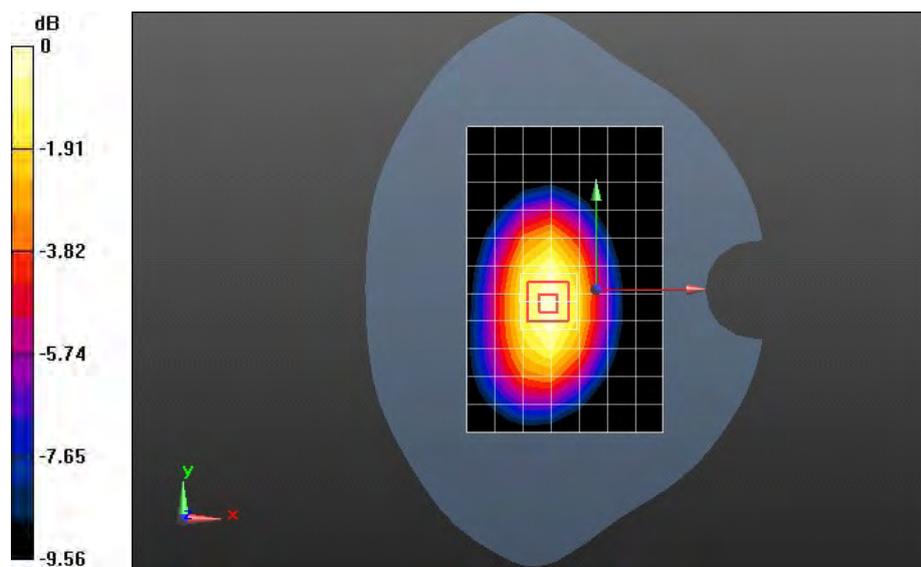
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 20.633 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.6390

**SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.480mW/g = -6.38 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 GPRS 2TS 190CH Right edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.652 mW/g

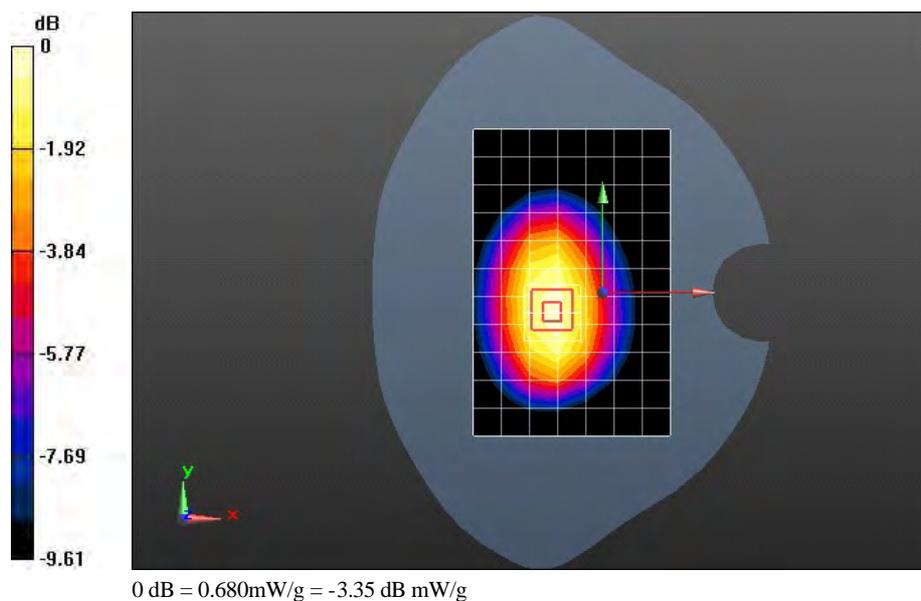
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 23.481 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.8930

**SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.444 mW/g**

Maximum value of SAR (measured) = 0.680 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM850 GPRS 2TS 190CH Bottom edge 10mm

DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.160 mW/g

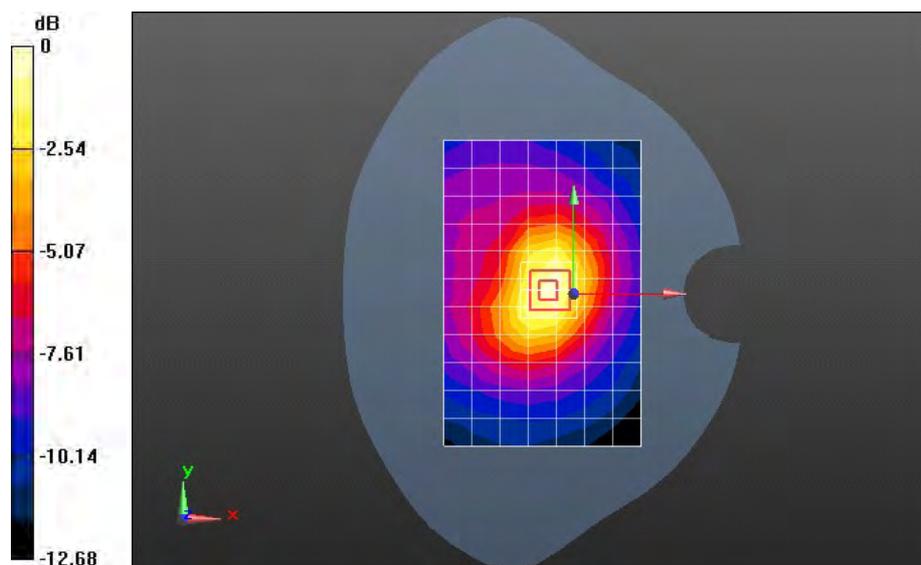
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.986 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.2320

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.098 mW/g**

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 EGPRS 1TS 251CH Towards Ground 10mm

DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 53.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.532 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 22.013 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.9120

**SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 0.610 mW/g

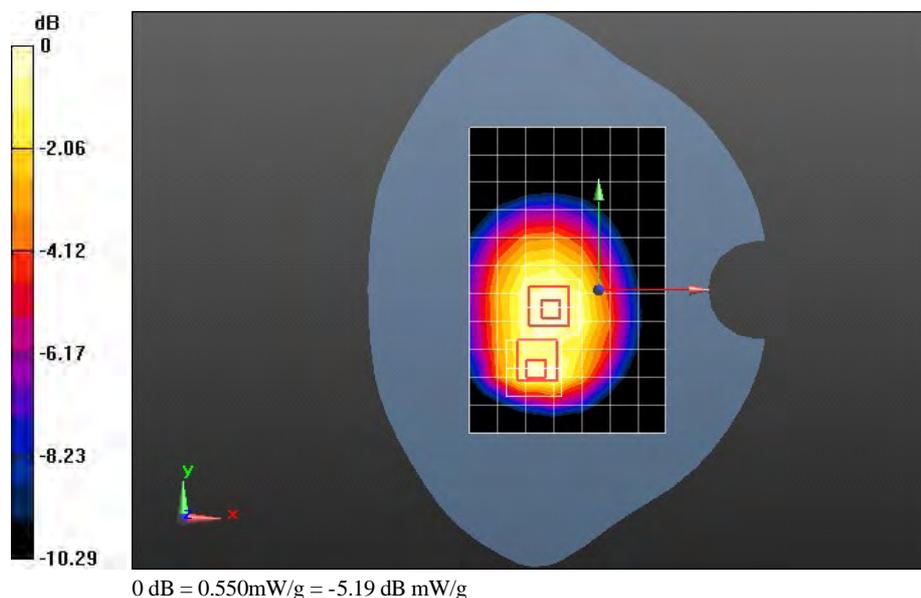
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 22.013 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.6950

**SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.373 mW/g**

Maximum value of SAR (measured) = 0.551 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 EGPRS 1TS 190CH Towards Ground 10mm****DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.867 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.072 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.3380

**SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.523 mW/g**

Maximum value of SAR (measured) = 0.916 mW/g

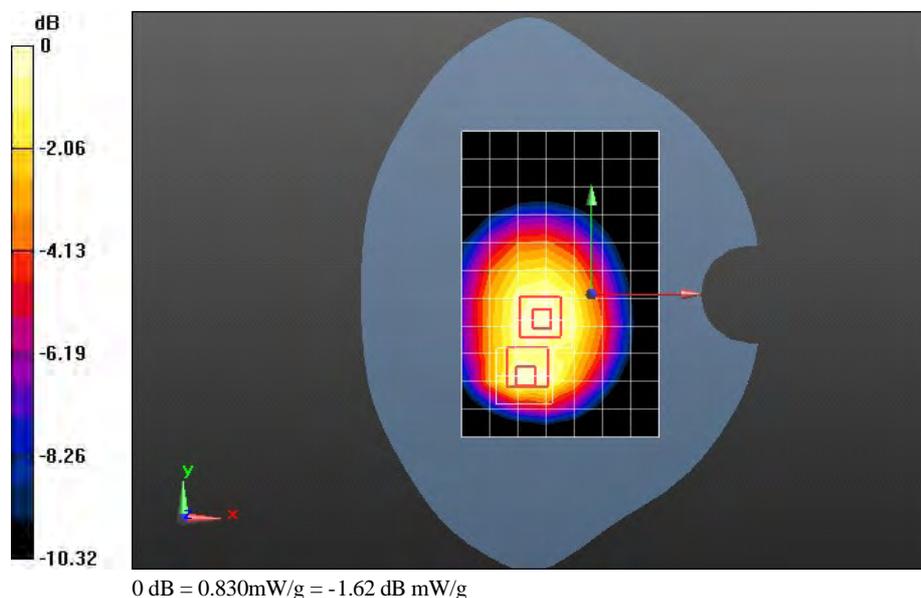
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.072 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.0630

**SAR(1 g) = 0.792 mW/g; SAR(10 g) = 0.572 mW/g**

Maximum value of SAR (measured) = 0.833 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 EGPRS 1TS 128CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.991 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 29.785 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.6010

**SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.634 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.098 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

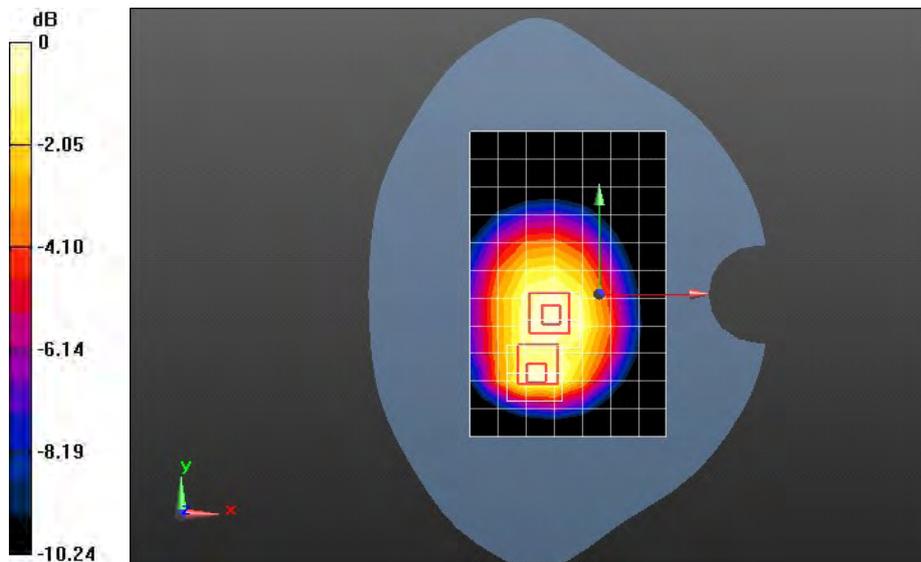
Reference Value = 29.785 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.2780

**SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.688 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.010 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 EGPRS 2TS 251CH Towards Ground 10mm****DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 53.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.647 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 22.804 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.0130

**SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.390 mW/g**

Maximum value of SAR (measured) = 0.693 mW/g

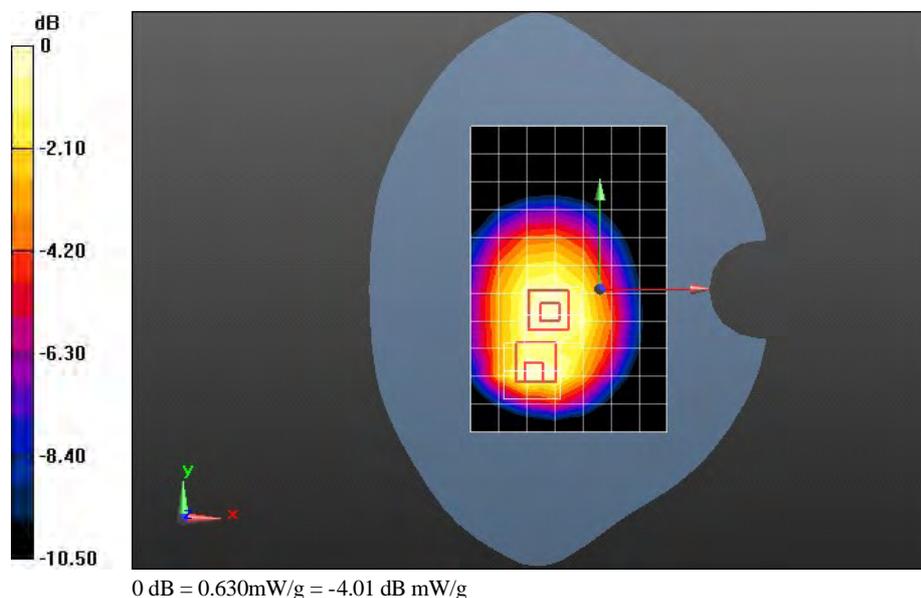
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 22.804 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.7930

**SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.426 mW/g**

Maximum value of SAR (measured) = 0.625 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM850 EGPRS 2TS 190CH Towards Ground 10mm****DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 53.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.938 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 27.530 V/m; Power Drift = -0.0014 dB

Peak SAR (extrapolated) = 1.4390

**SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.568 mW/g**

Maximum value of SAR (measured) = 0.989 mW/g

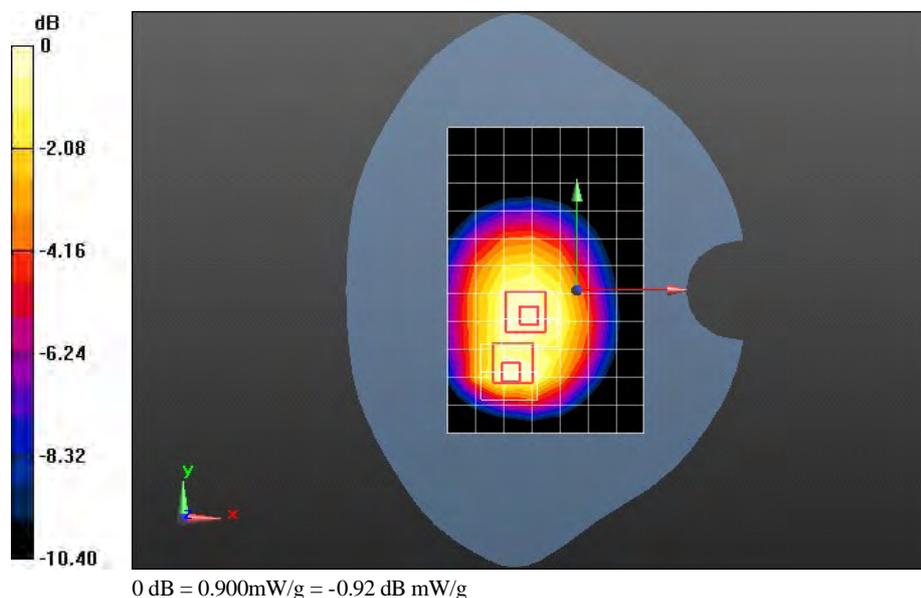
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 27.530 V/m; Power Drift = -0.0014 dB

Peak SAR (extrapolated) = 1.1500

**SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.617 mW/g**

Maximum value of SAR (measured) = 0.900 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 EGPRS 2TS 128CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.065 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

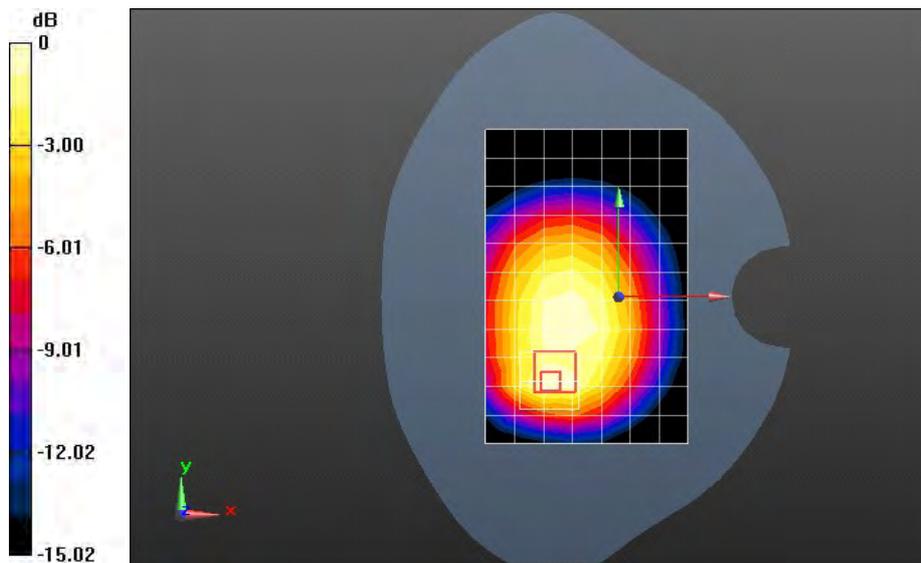
Reference Value = 30.607 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.6200

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.657 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.120 mW/g



0 dB = 1.120mW/g = 0.98 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 128CH Toward Grounds 10mm with headset

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.952 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

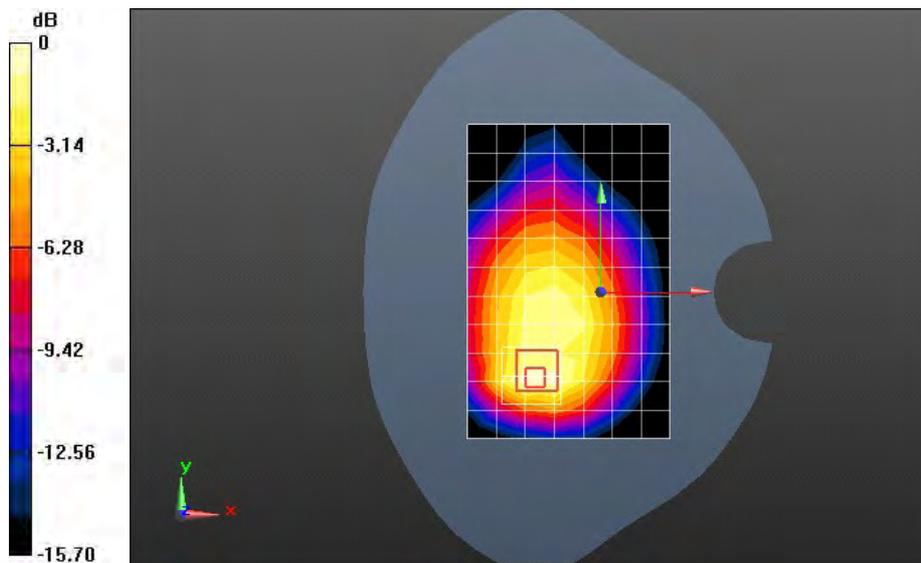
Reference Value = 25.514 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4980

**SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.545 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.990mW/g = -0.09 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 GPRS 2TS 128CH Towards Ground 10mm with battery SN-GAGBB22XC4700460

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.101 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

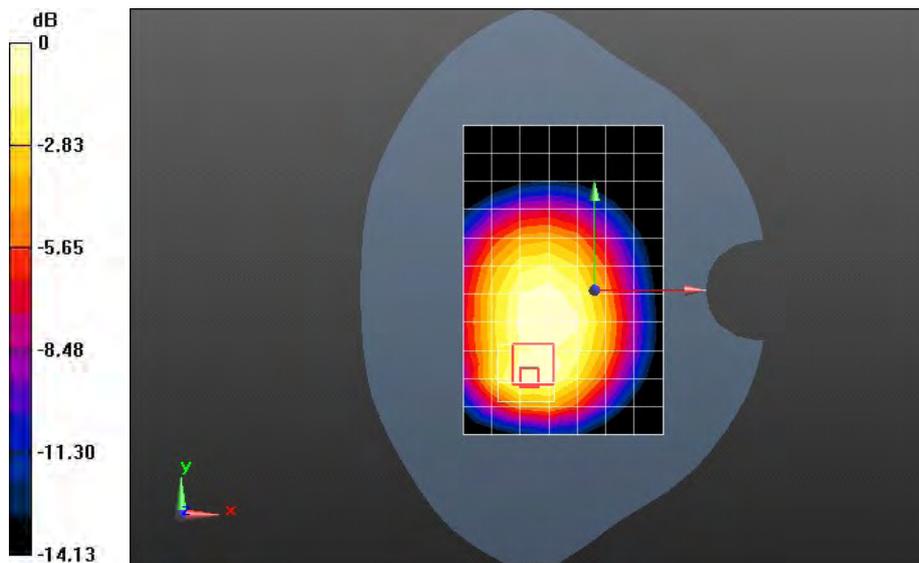
Reference Value = 30.573 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.5690

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.655 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.074 mW/g



0 dB = 1.070mW/g = 0.59 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 GPRS 2TS 128CH Towards Ground 10mm with battery SN-BAAC214F97400336

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.110 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

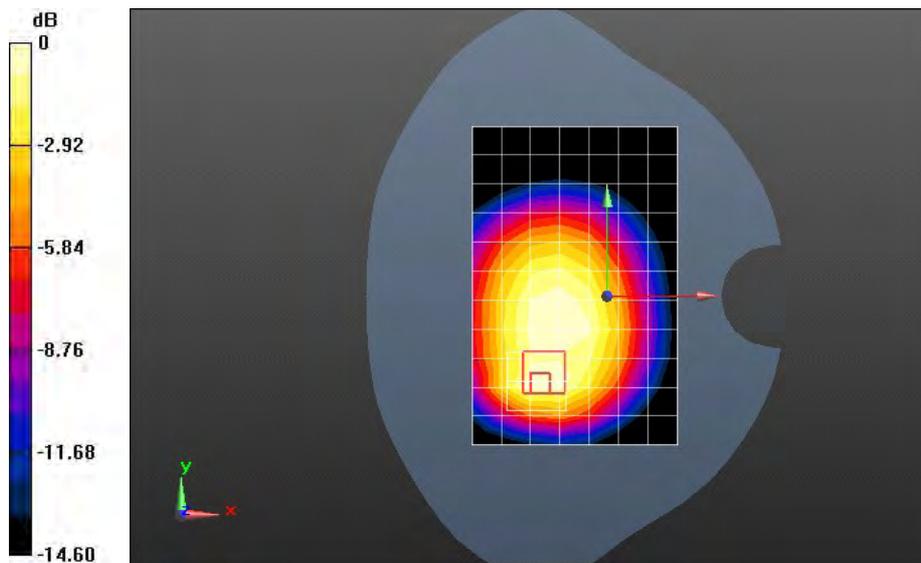
Reference Value = 31.417 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.6190

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.666 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.113 mW/g



0 dB = 1.110mW/g = 0.91 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 GPRS 2TS 128CH Towards Ground 10mm with battery SN-MHCBA306143N0017

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.098 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

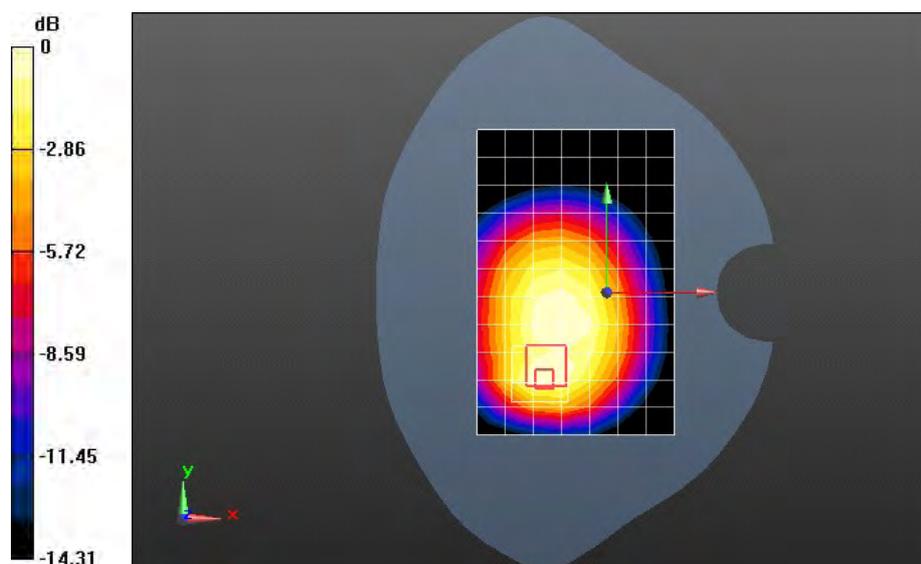
Reference Value = 30.503 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.6050

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.658 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.090 mW/g



0 dB = 1.090mW/g = 0.75 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM850 GPRS 2TS 128CH Toward Grounds 10mm with battery SN-UAIC320X03055608

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r = 53.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.084 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

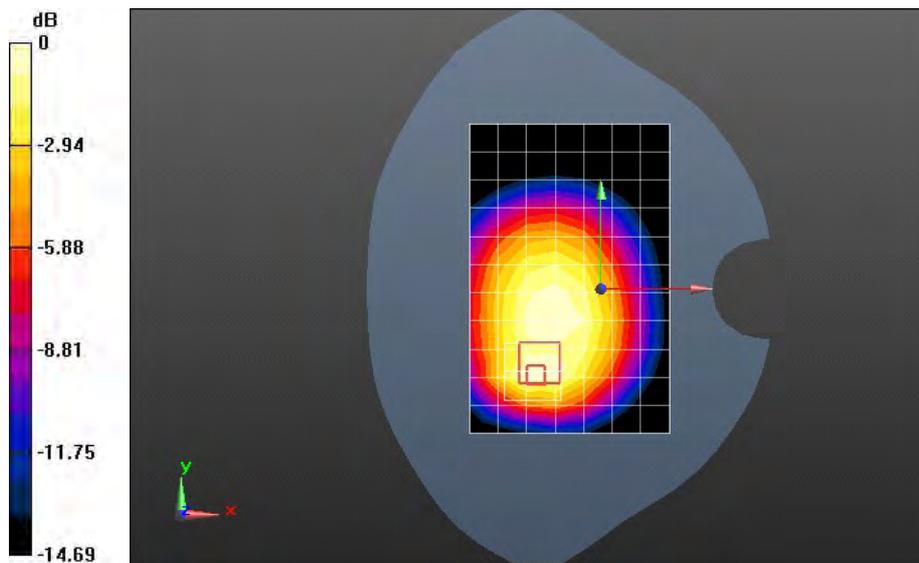
Reference Value = 30.664 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.6490

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.663 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.112 mW/g



0 dB = 1.110mW/g = 0.91 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 661CH Left hand touch cheek

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.385 mW/g

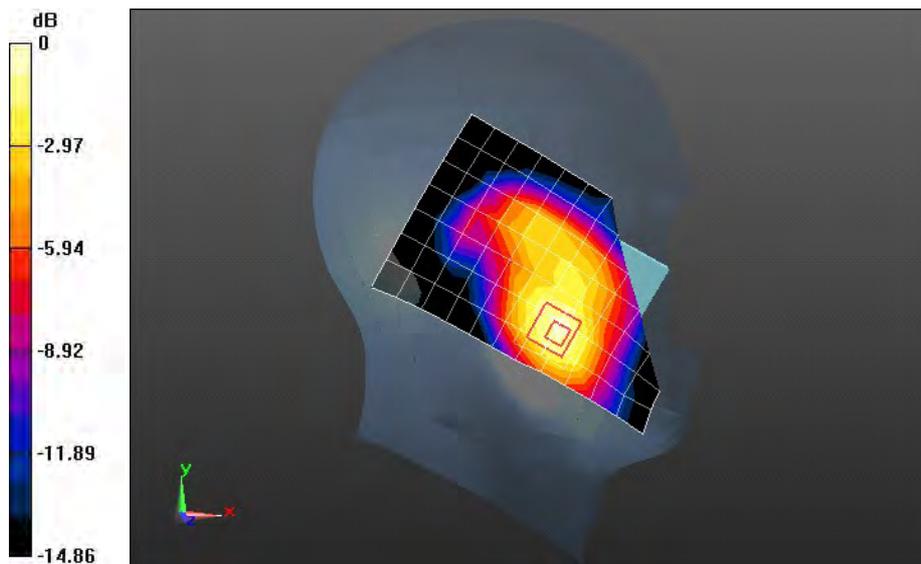
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.531 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.6710

**SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.226 mW/g**

Maximum value of SAR (measured) = 0.438 mW/g



0 dB = 0.440mW/g = -7.13 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 661CH Left hand tilt 15 degree

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.167 mW/g

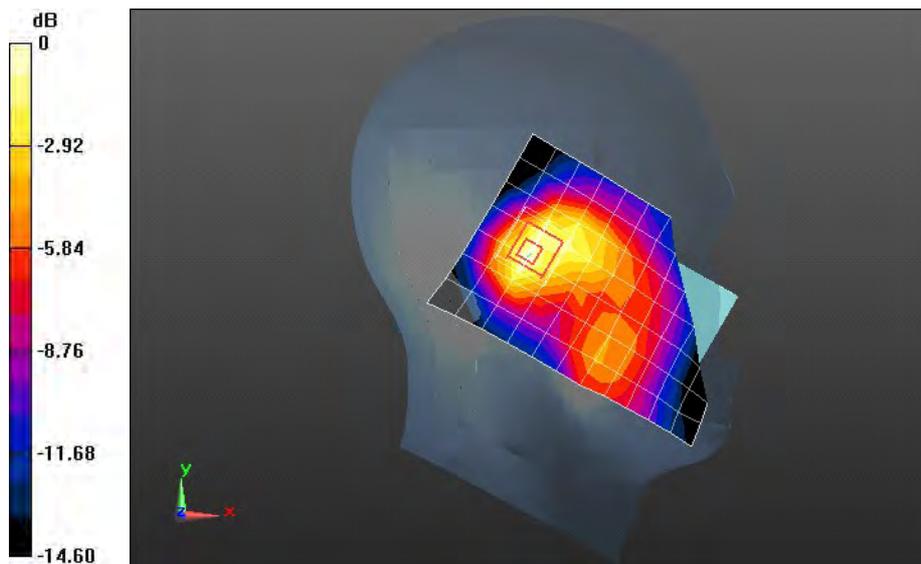
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.784 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.2470

**SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 661CH Right hand touch cheek

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.410 mW/g

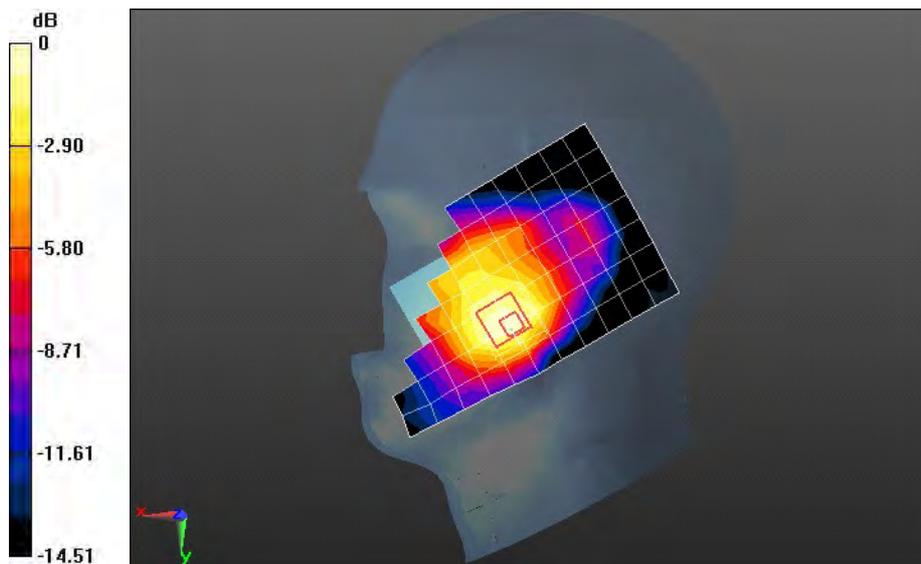
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.665 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.5890

**SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.236 mW/g**

Maximum value of SAR (measured) = 0.400 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 661CH Right hand tilt 15 degree

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.171 mW/g

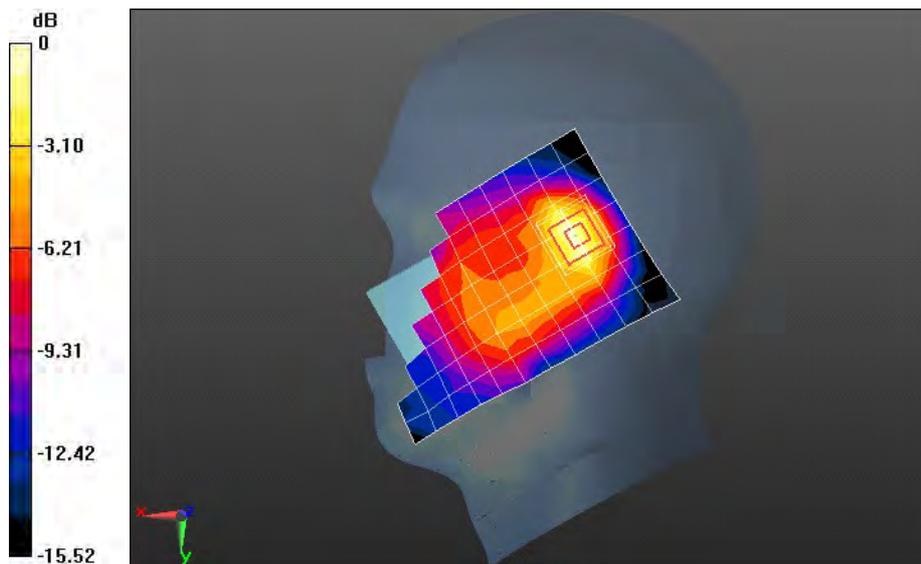
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.381 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.2740

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.186 mW/g



0 dB = 0.190mW/g = -14.42 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM1900 661CH Left hand touch cheek with battery SN-GAGBB22XC4700460**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

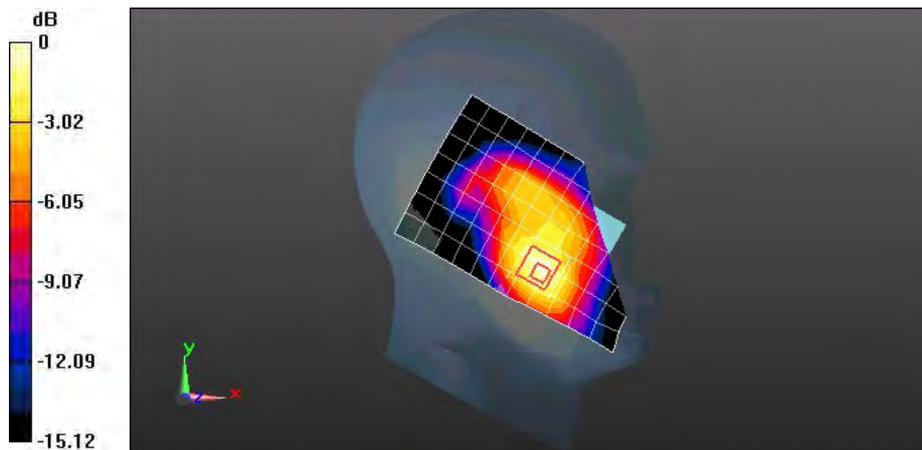
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

DASY Configuration:

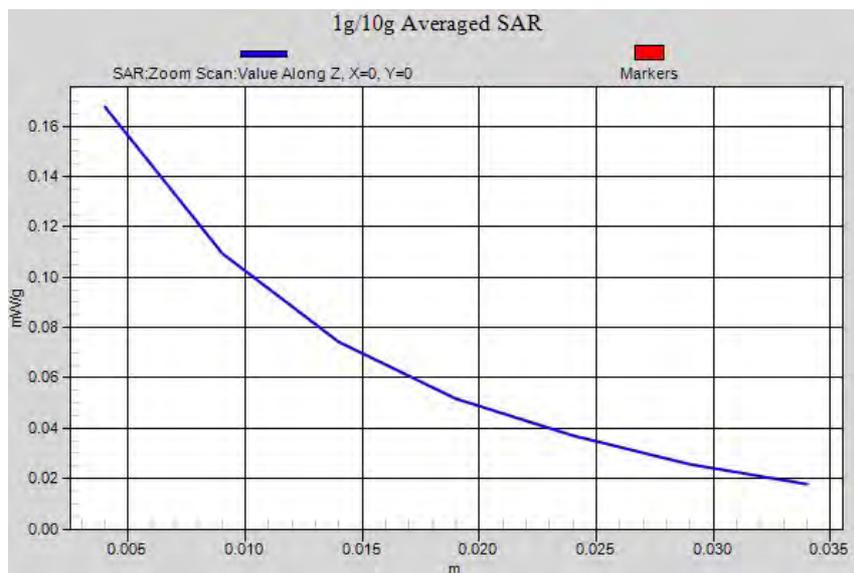
- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 0.419 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 7.554 V/m; Power Drift = -0.04 dB  
 Peak SAR (extrapolated) = 0.716 mW/g  
**SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.231 mW/g**  
 Maximum value of SAR (measured) = 0.454 mW/g



0 dB = 0.454 mW/g = -6.86 dB mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM1900 661CH Left hand touch cheek with battery SN-BAAC214F97400336**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.389 mW/g

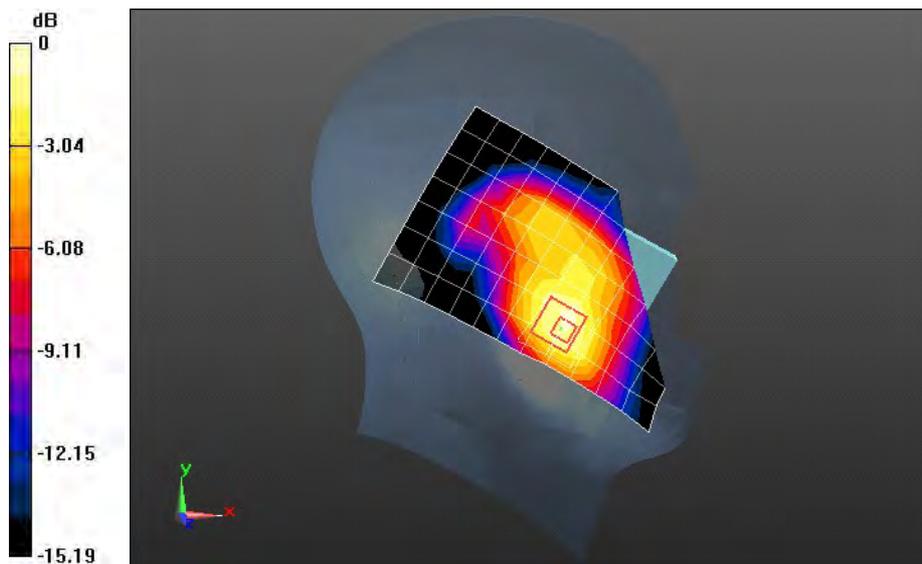
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.440 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.7030

**SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 0.445 mW/g



0 dB = 0.450mW/g = -6.94 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM1900 661CH Left hand touch cheek with battery SN-MHCBA306I43N0017**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.397 mW/g

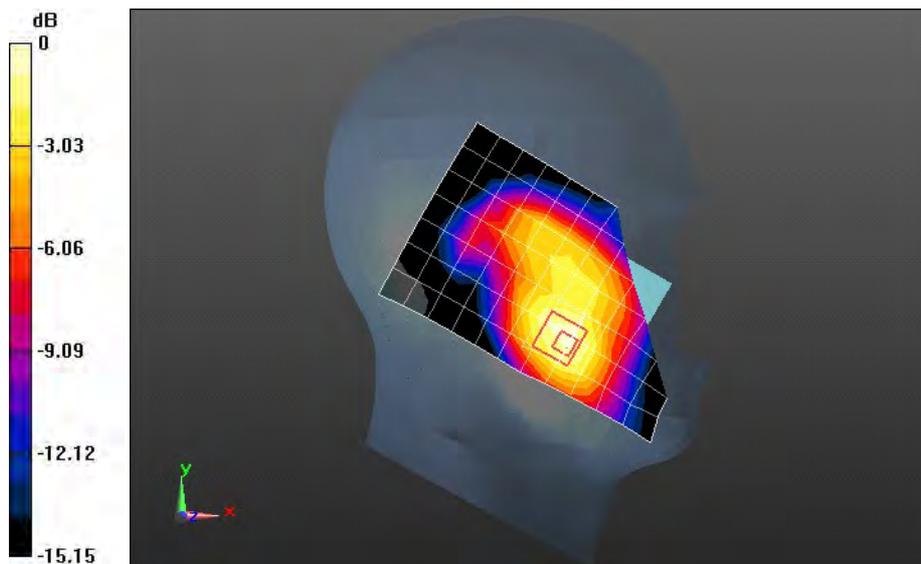
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.542 V/m; Power Drift = 0.0032 dB

Peak SAR (extrapolated) = 0.6560

**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.217 mW/g**

Maximum value of SAR (measured) = 0.420 mW/g



0 dB = 0.420mW/g = -7.54 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM1900 661CH Left hand touch cheek with battery UAIC320X03055608**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.390 mW/g

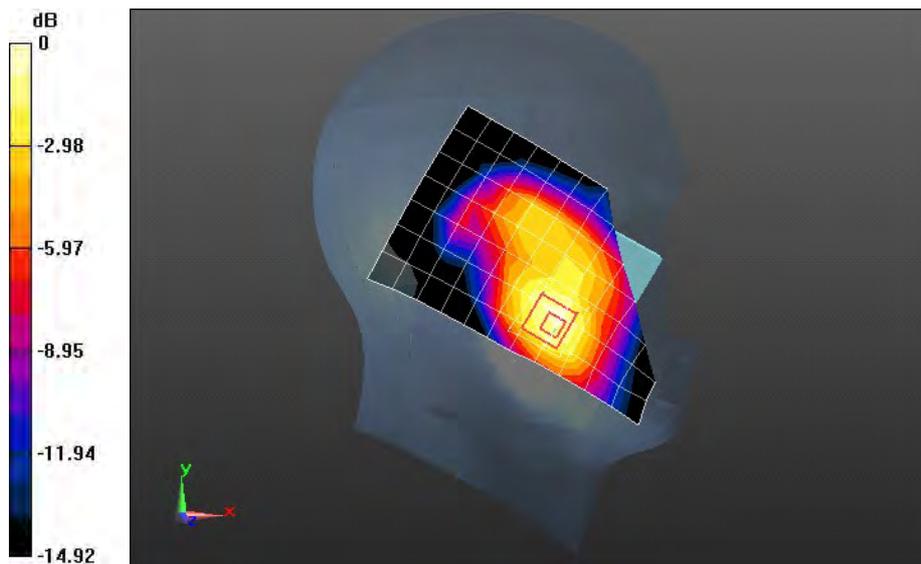
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.332 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.6810

**SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.220 mW/g**

Maximum value of SAR (measured) = 0.435 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM1900 GPRS 1TS 661CH Towards Phantom 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.393 mW/g

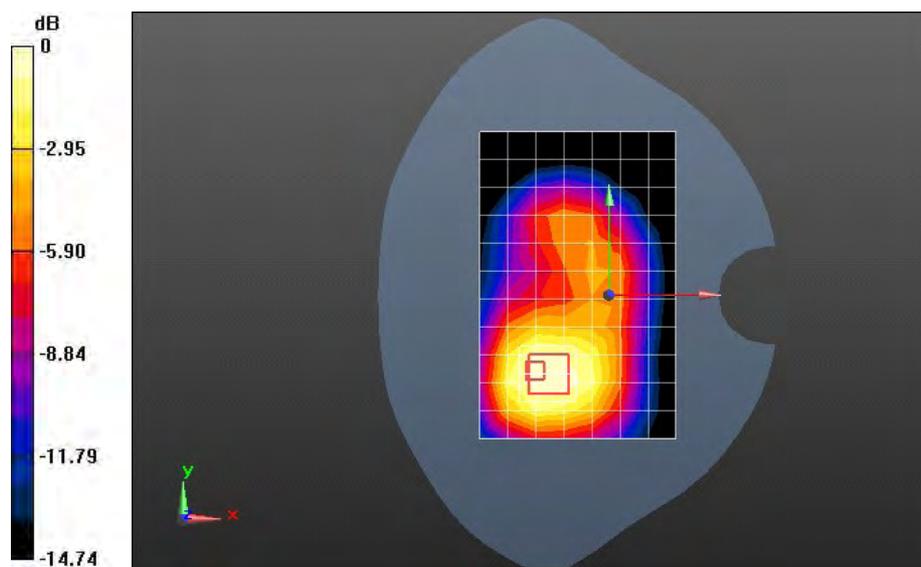
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.521 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.6760

**SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM1900 GPRS 2TS 661CH Towards Phantom 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.429 mW/g

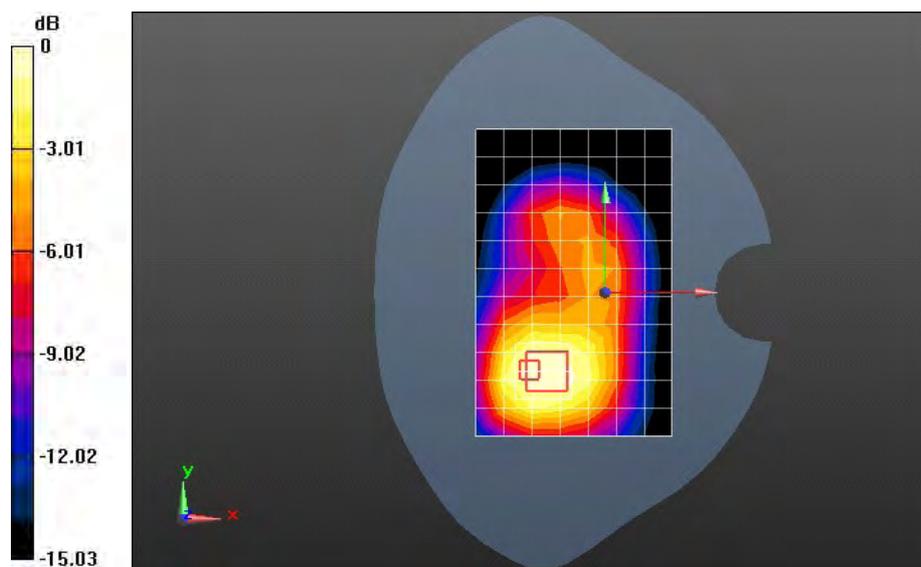
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.867 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.7460

**SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.251 mW/g**

Maximum value of SAR (measured) = 0.449 mW/g



0 dB = 0.450mW/g = -6.94 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 GPRS 2TS 661CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.687 mW/g

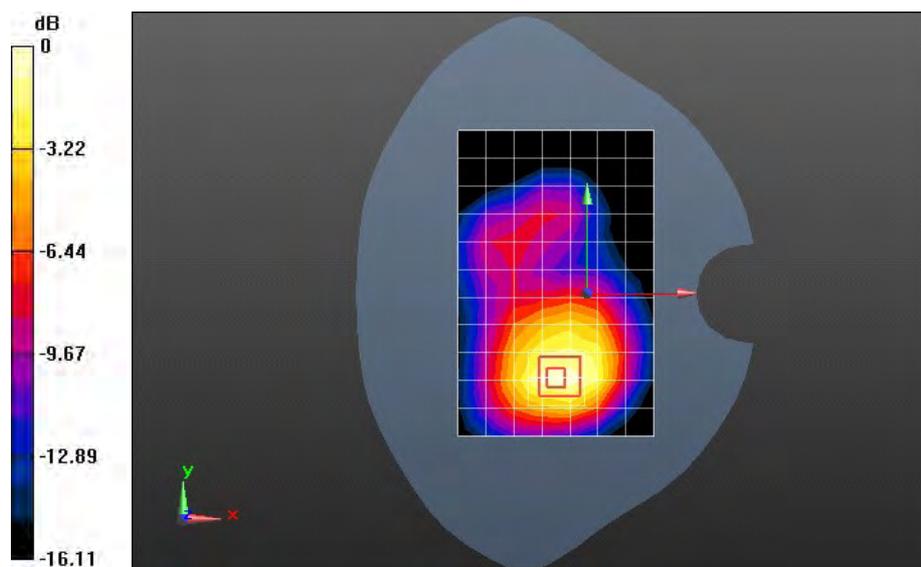
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.750 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.1380

**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.389 mW/g**

Maximum value of SAR (measured) = 0.757 mW/g



0 dB = 0.760mW/g = -2.38 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 GPRS 2TS 661CH Left edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.232 mW/g

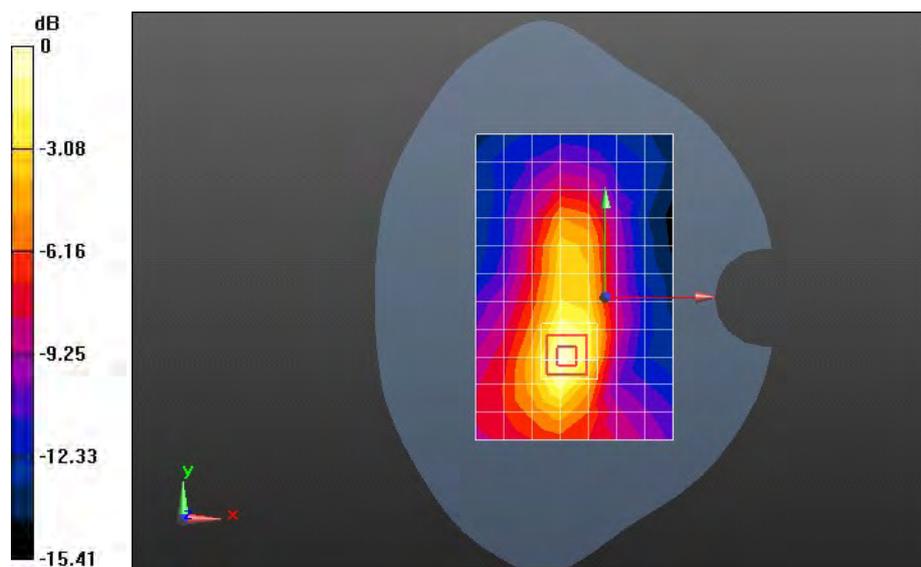
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.205 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.3740

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g = -12.40 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 GPRS 2TS 661CH Right edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.104 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.662 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.1610

**SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.060 mW/g**

Maximum value of SAR (measured) = 0.110 mW/g

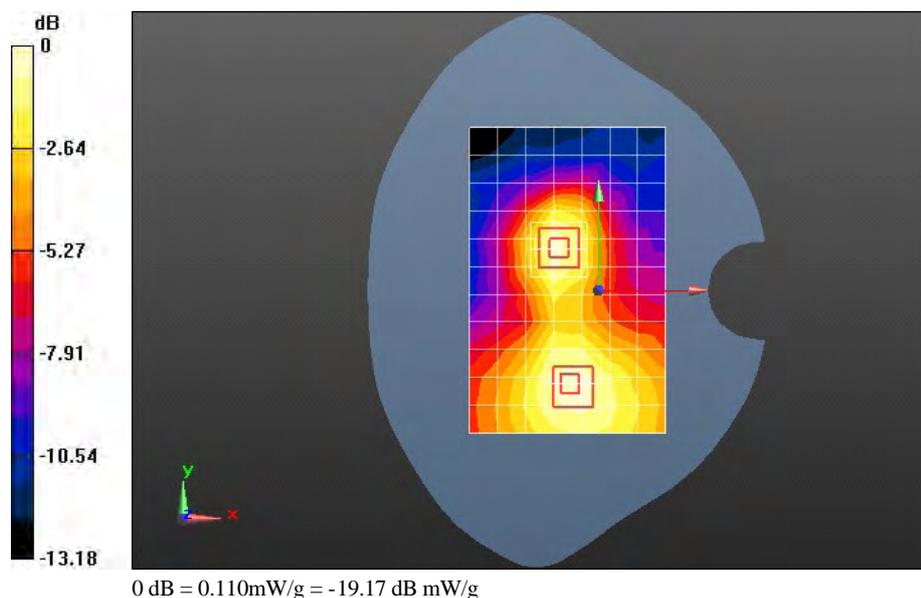
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.662 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.1610

**SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.062 mW/g**

Maximum value of SAR (measured) = 0.107 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 GPRS 2TS 661CH Bottom edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.431 mW/g

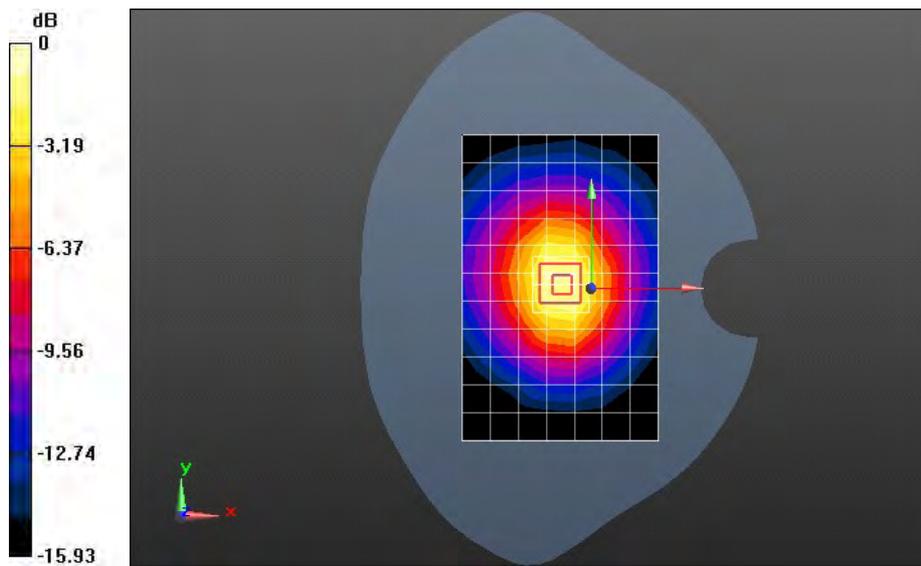
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 18.522 V/m; Power Drift = -0.0072 dB

Peak SAR (extrapolated) = 0.8090

**SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.527 mW/g



0 dB = 0.530mW/g = -5.51 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 EGPRS 1TS 661CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.703 mW/g

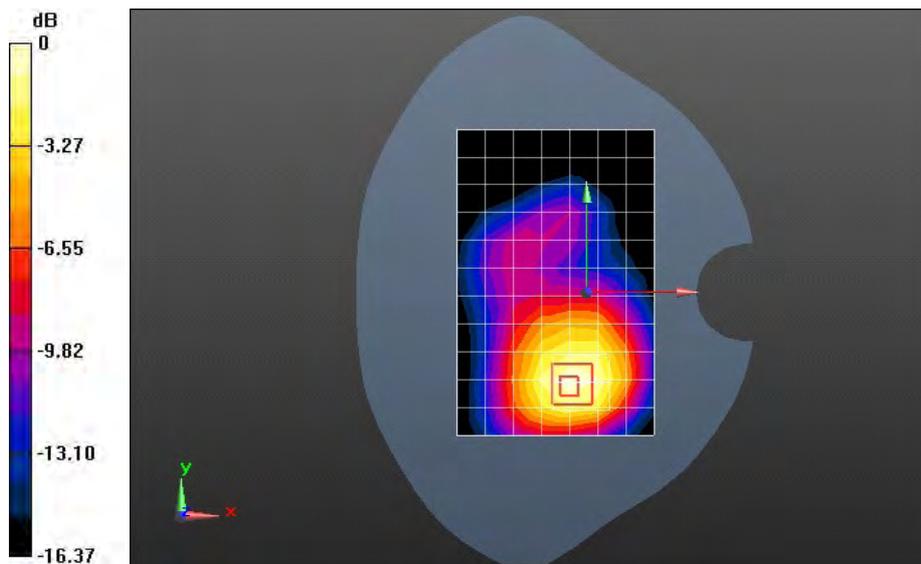
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.741 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.1390

**SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.722 mW/g



0 dB = 0.720mW/g = -2.85 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

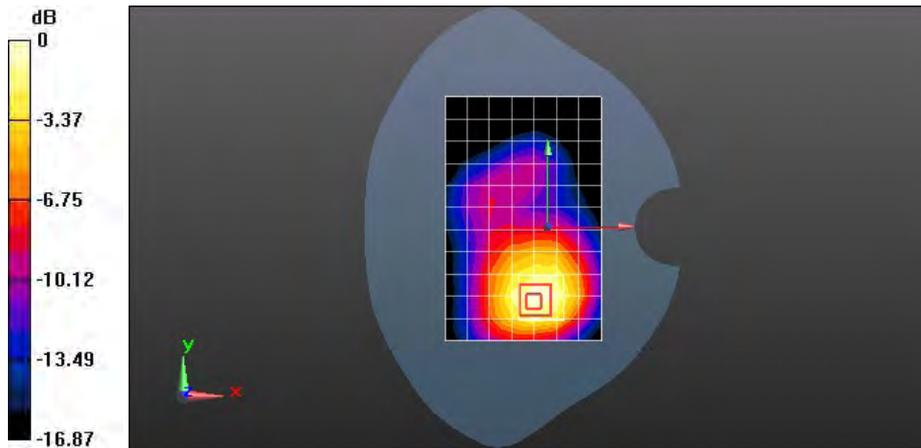
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY Configuration:

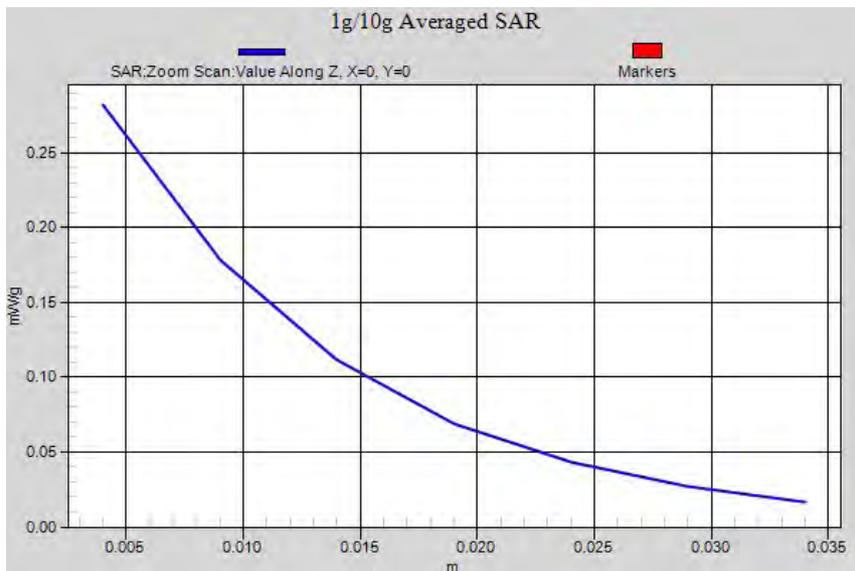
- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 0.769 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 8.024 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 1.218 mW/g  
**SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.409 mW/g**  
 Maximum value of SAR (measured) = 0.786 mW/g



0 dB = 0.786 mW/g = -2.09 dB mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 GSM1900 661CH Towards Ground 10mm with handset

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.750 mW/g

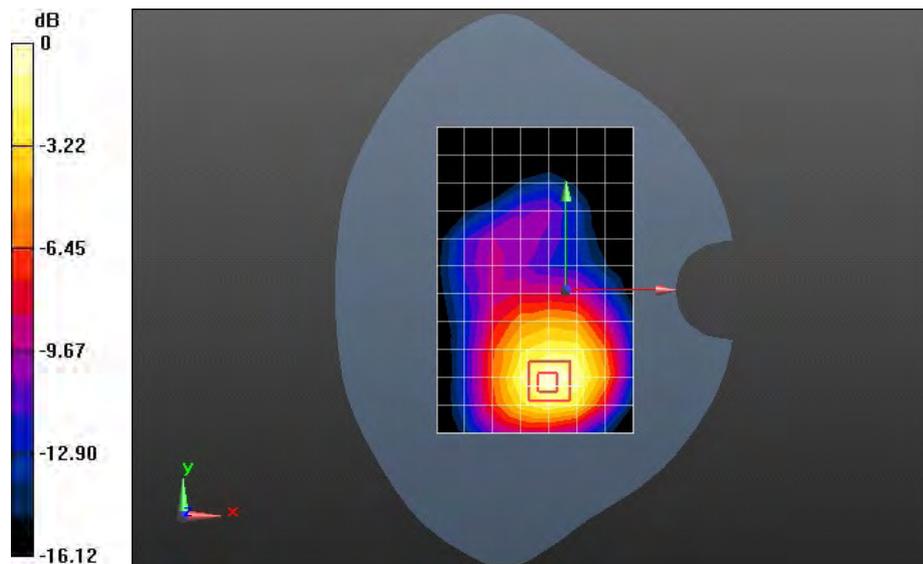
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.930 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.2000

**SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.398 mW/g**

Maximum value of SAR (measured) = 0.773 mW/g



0 dB = 0.770mW/g = -2.27 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm with battery SN-GAGBB22XC4700460

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.773 mW/g

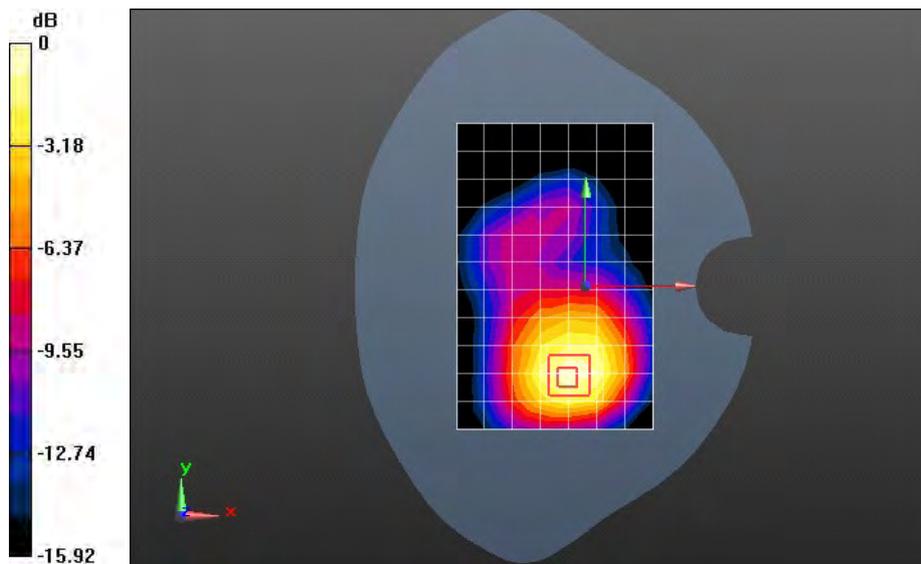
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.237 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.1810

**SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.404 mW/g**

Maximum value of SAR (measured) = 0.767 mW/g



0 dB = 0.770mW/g = -2.27 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm with battery SN-BAAC214F97400336**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.742 mW/g

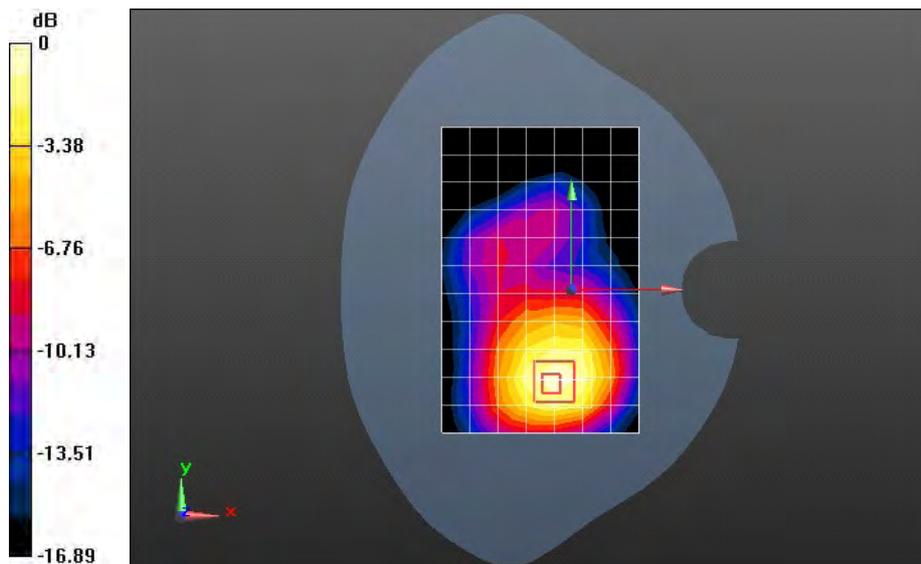
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.922 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.1830

**SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.405 mW/g**

Maximum value of SAR (measured) = 0.772 mW/g



0 dB = 0.770mW/g = -2.27 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm with battery SN-MHCBA306I43N0017

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.749 mW/g

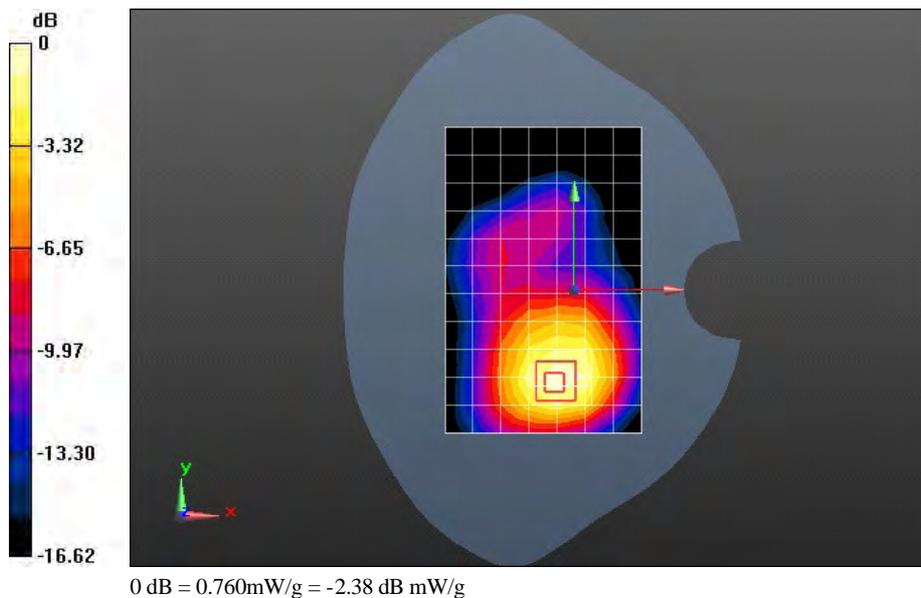
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.108 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.1840

**SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.401 mW/g**

Maximum value of SAR (measured) = 0.764 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm with battery SN-UAIC320X03055608

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.763 mW/g

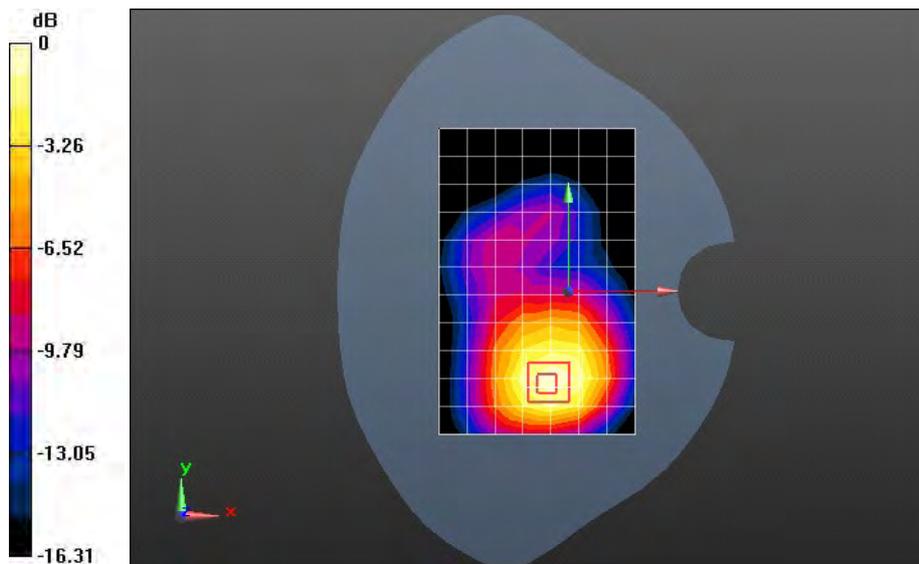
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.963 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.2090

**SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.780mW/g = -2.16 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA850 4182CH Left hand touch cheek

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.371 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

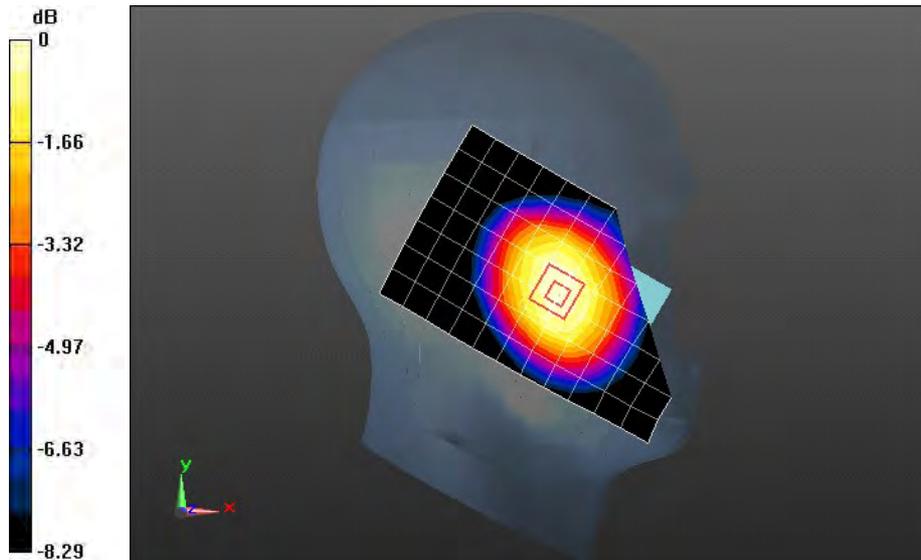
Reference Value = 7.035 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.4350

**SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.275 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.370mW/g = -8.64 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Left hand tilt 15 degree

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.285 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

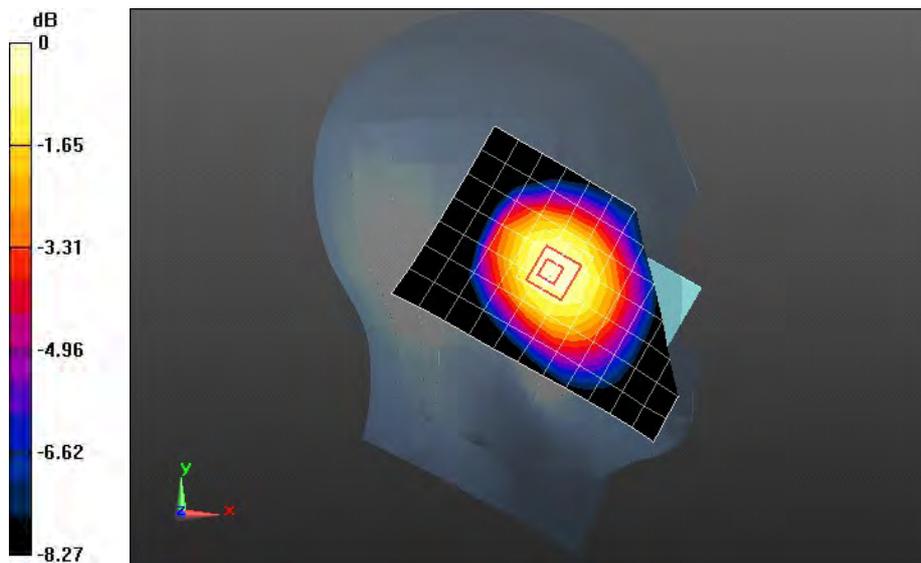
Reference Value = 11.396 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.3560

**SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.218 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.298 mW/g



0 dB = 0.300mW/g = -10.46 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Right hand touch cheek

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.405 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

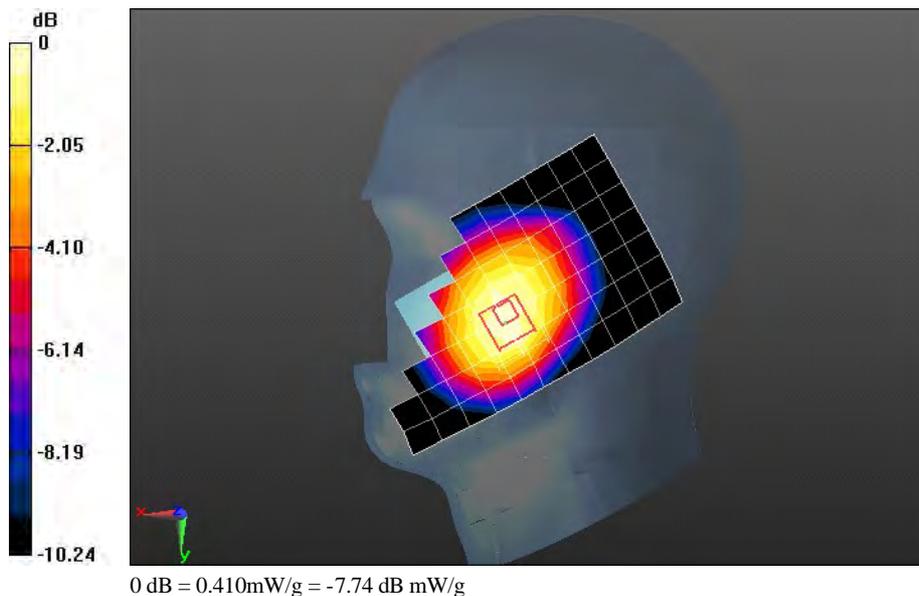
Reference Value = 7.082 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.4880

**SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.295 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.407 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Right hand tilt 15 degree

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.285 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

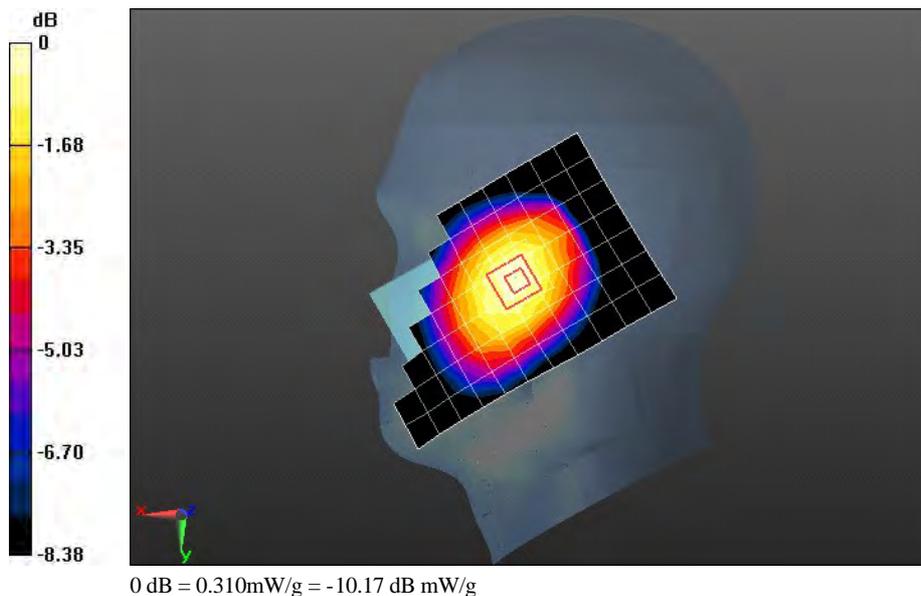
Reference Value = 11.148 V/m; Power Drift = -0.0073 dB

Peak SAR (extrapolated) = 0.3640

**SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.221 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.306 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA850 4182CH Right hand touch cheek with battery SN-GAGBB22XC4700460**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.406 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

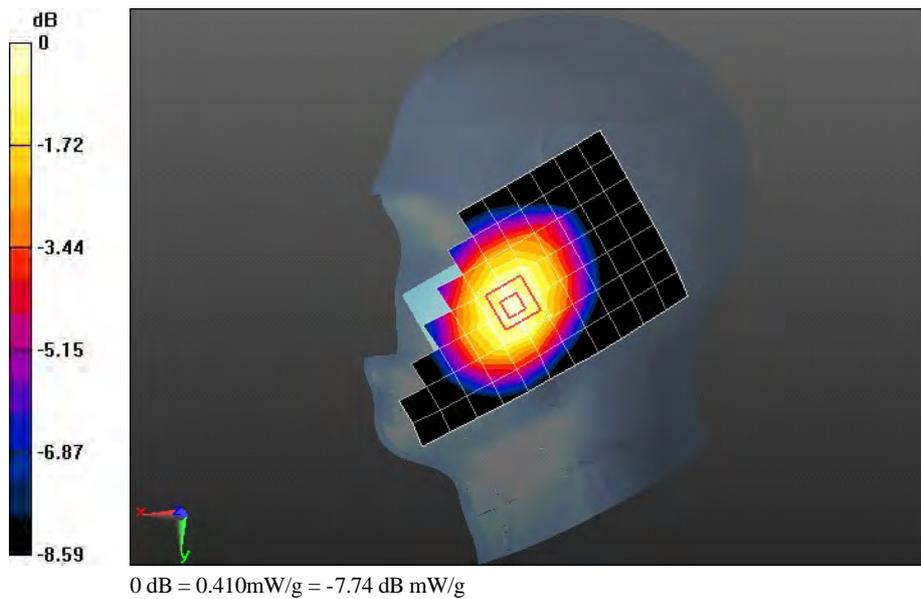
Reference Value = 6.960 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.4790

**SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.302 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.413 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA850 4182CH Right hand touch cheek with battery SN-BAAC214F97400336**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.413 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

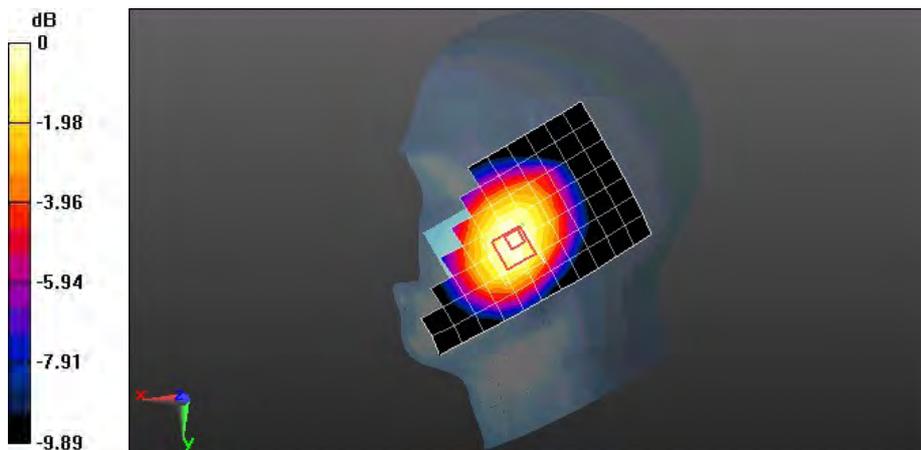
Reference Value = 7.058 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.493 mW/g

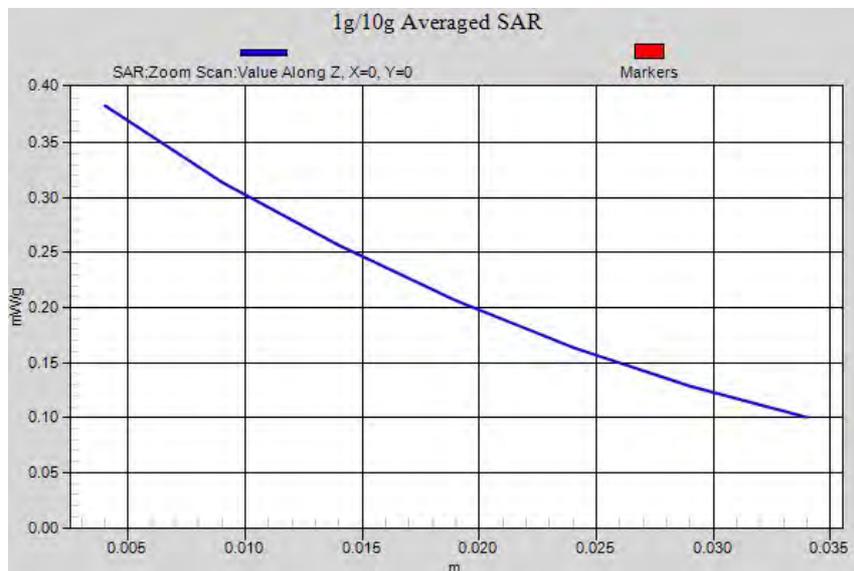
**SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.300 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.414 mW/g = -7.66 dB mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA850 4182CH Right hand touch cheek with battery SN-MHCBA306I43N0017**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.398 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

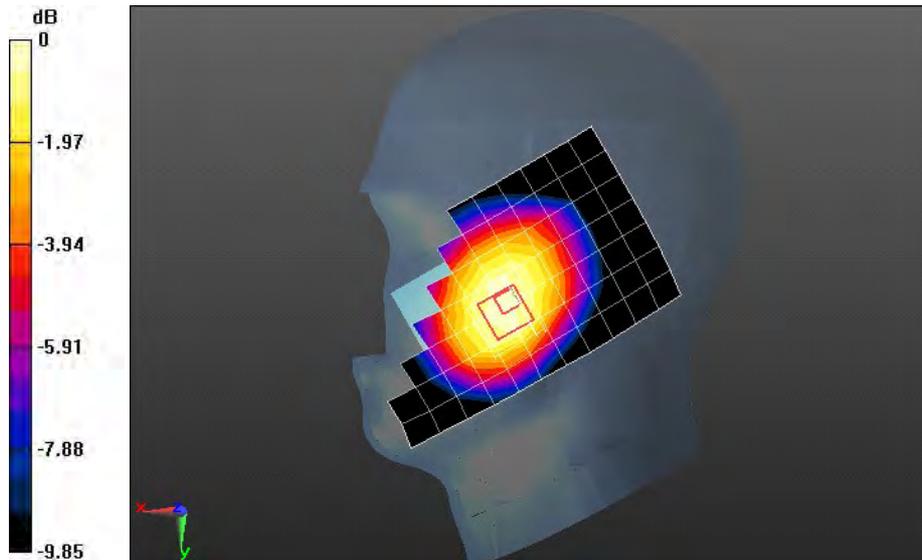
Reference Value = 7.539 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.4770

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.290 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Right hand touch cheek with battery UAIC320X03055608

DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 42.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.400 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

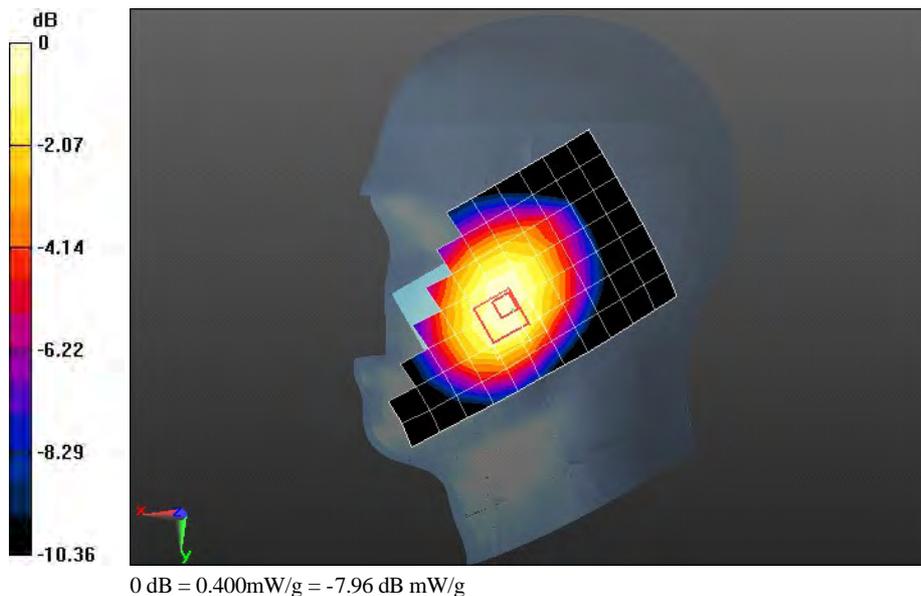
Reference Value = 7.571 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.4840

**SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.287 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.403 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Towards Phantom 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.411 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

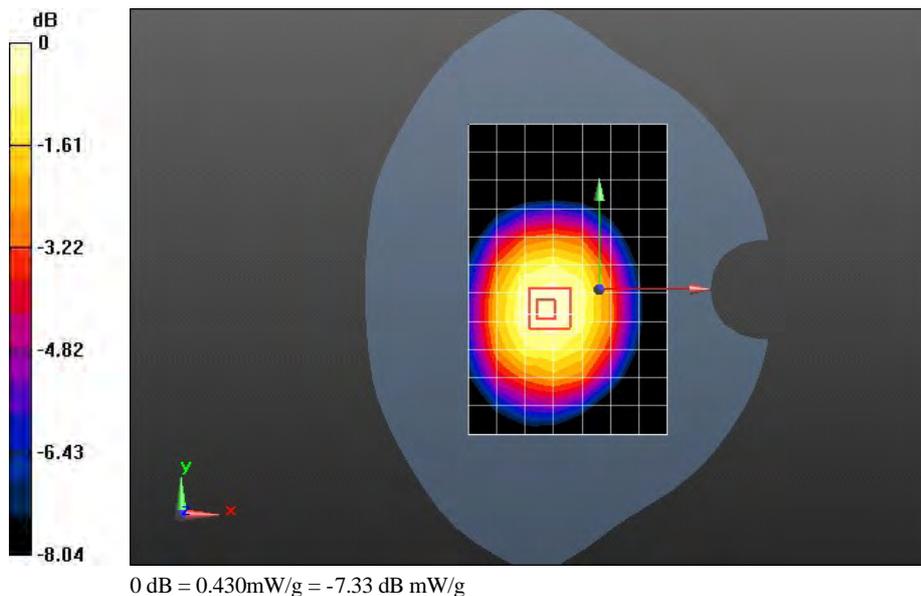
Reference Value = 20.061 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.5130

**SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.309 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.425 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.793 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

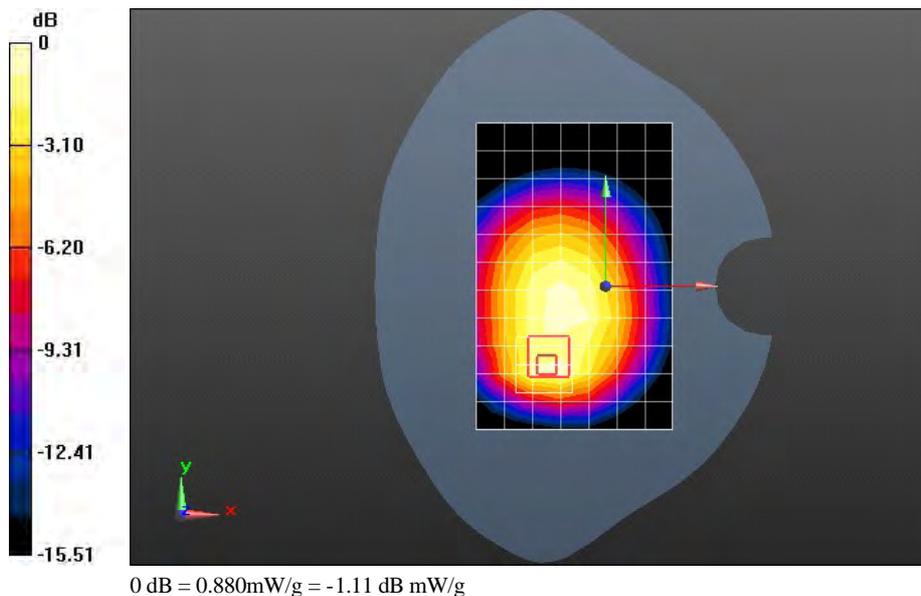
Reference Value = 27.014 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.2890

**SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.504 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.882 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA850 4182CH Left edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.381 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

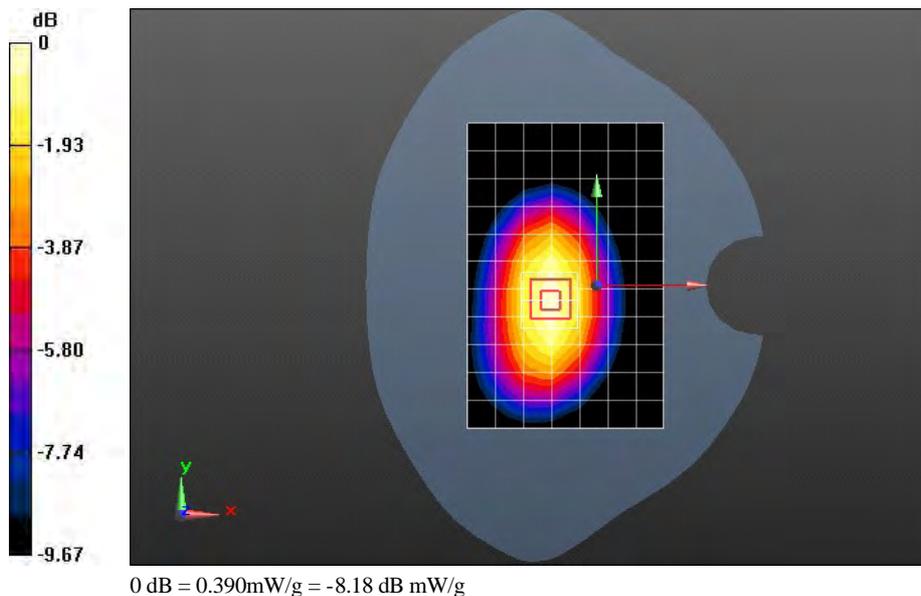
Reference Value = 18.462 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.5170

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.249 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.389 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA850 4182CH Right edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.499 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

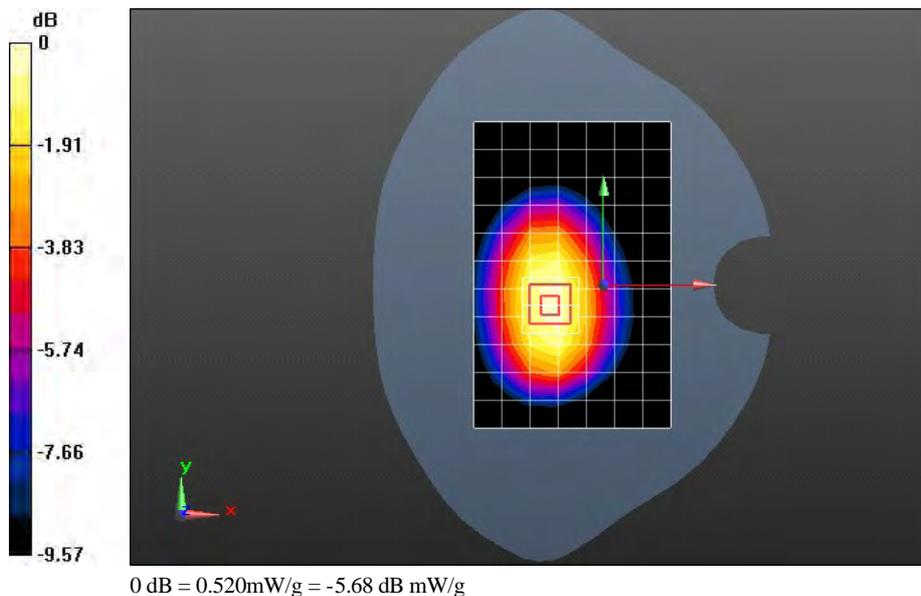
Reference Value = 20.024 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.6860

**SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.340 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.524 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA850 4182CH Bottom edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.121 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

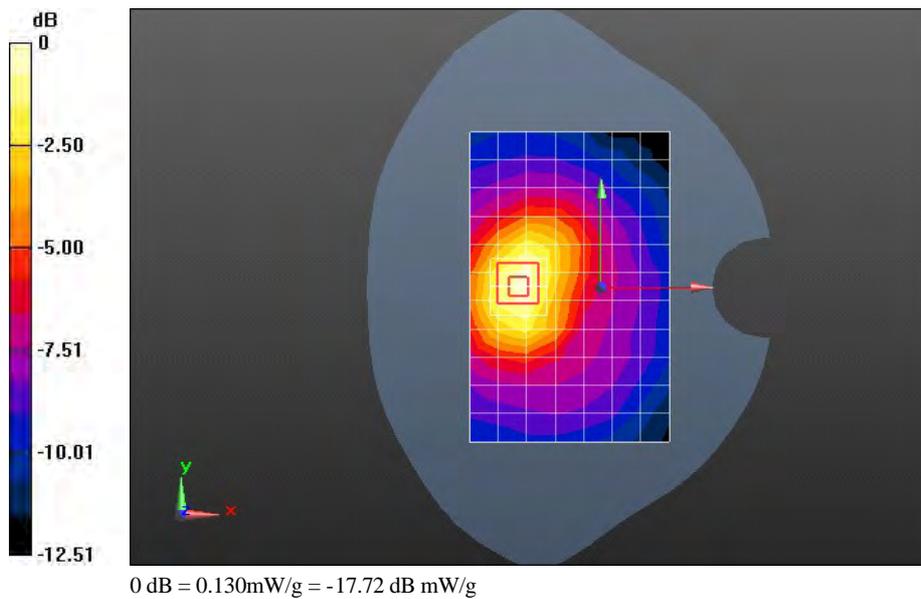
Reference Value = 6.529 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.1810

**SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.075 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.129 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Towards Ground 10mm with HSDPA

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.757 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.935 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.2430

**SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.478 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.843 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

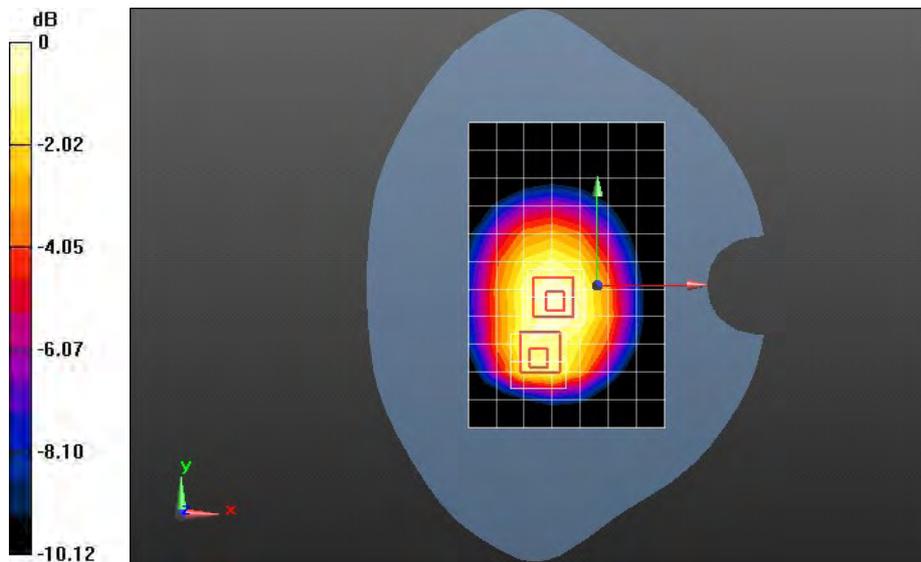
Reference Value = 26.935 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.9820

**SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.527 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.774 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Towards Ground 10mm with headset

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.673 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.322 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.2560

**SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.439 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.825 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

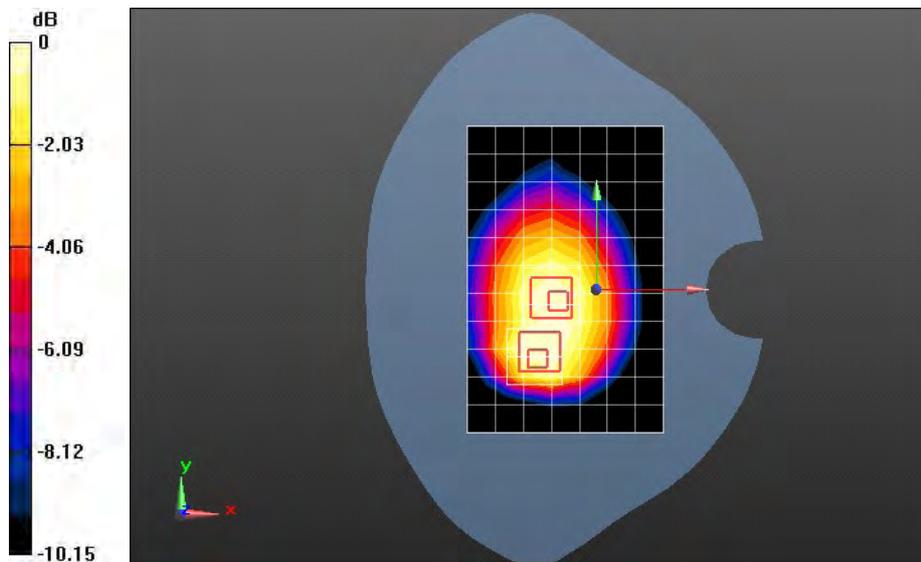
Reference Value = 24.322 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.7850

**SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.408 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.608 mW/g



0 dB = 0.610mW/g = -4.29 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Towards Ground 10mm with battery SN-GAGBB22XC4700460

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.810 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

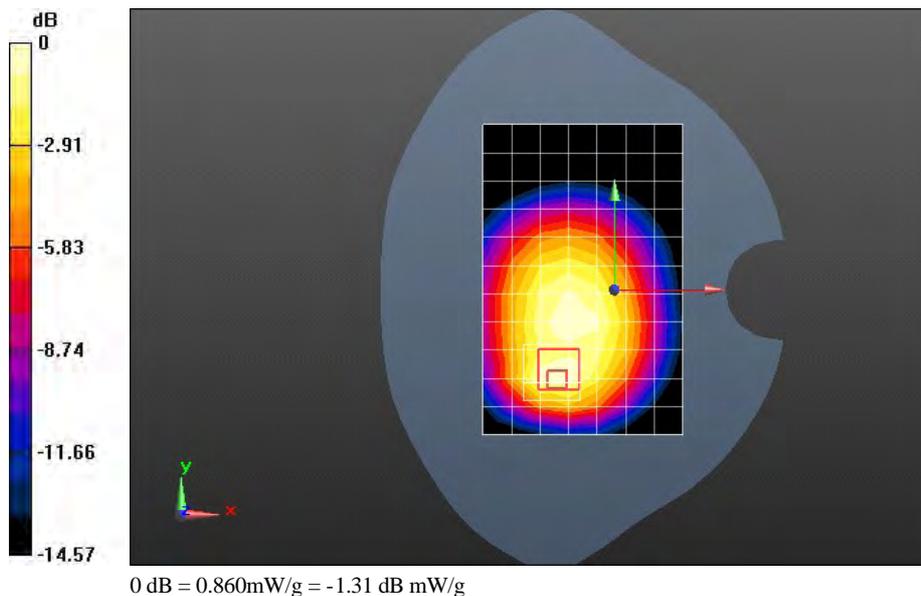
Reference Value = 25.956 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.2570

**SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.498 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.861 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA850 4182CH Towards Ground 10mm with battery SN-BAAC214F97400336**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.815 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

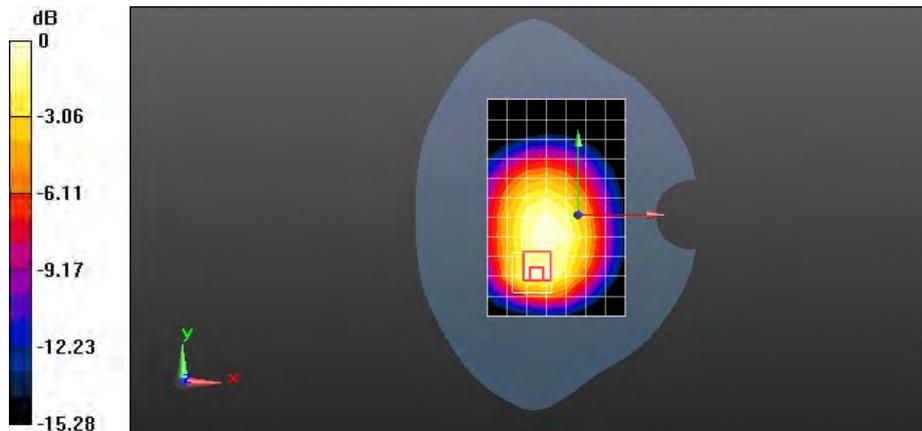
Reference Value = 26.506 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.290 mW/g

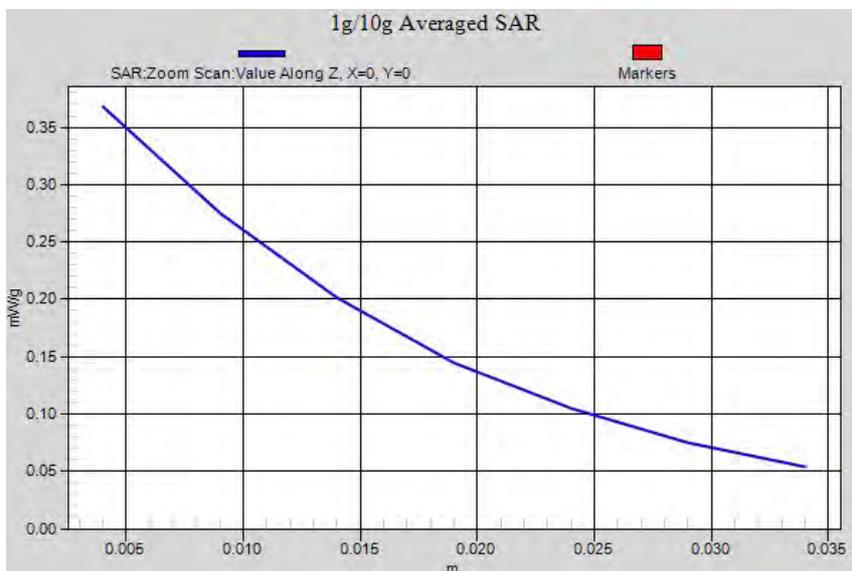
**SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.508 mW/g**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.870 mW/g



0 dB = 0.870 mW/g = -1.21 dB mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Towards Ground 10mm with battery SN-MHCBA306I43N0017

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.799 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

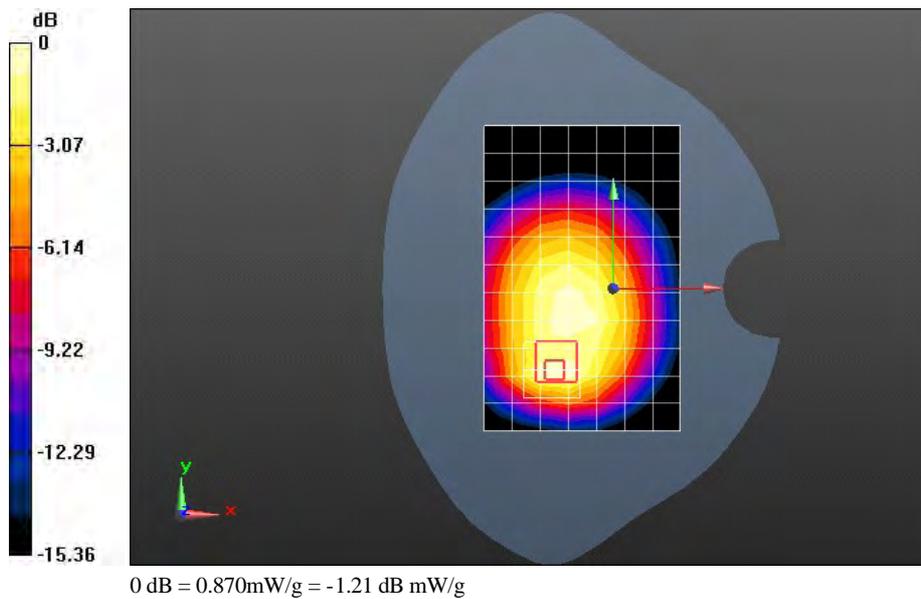
Reference Value = 26.625 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.2580

**SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.500 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.866 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA850 4182CH Towards Ground 10mm with battery SN-UAIC320X03055608

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 53.392$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.811 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

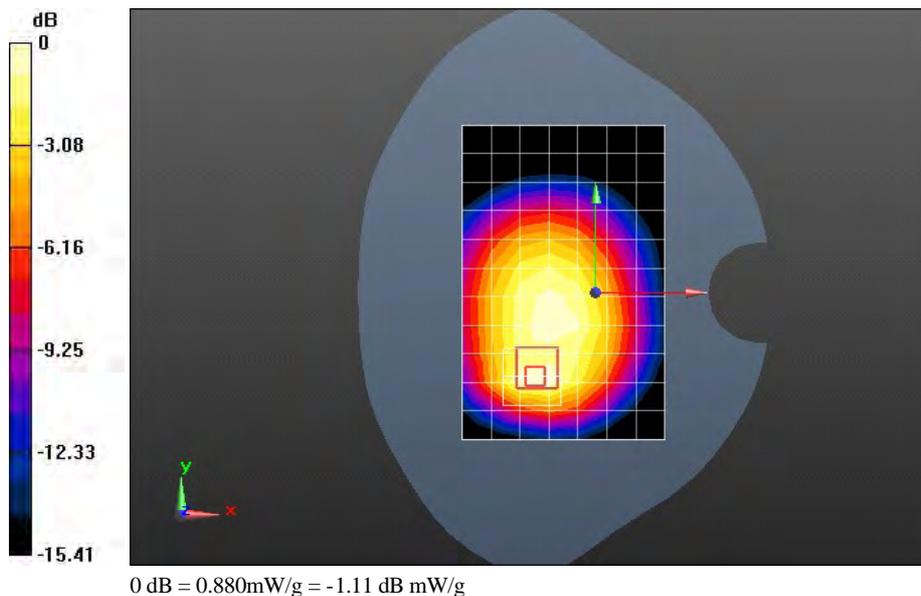
Reference Value = 26.791 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.2850

**SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.506 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.880 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9400CH Left hand touch cheek

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.557 mW/g

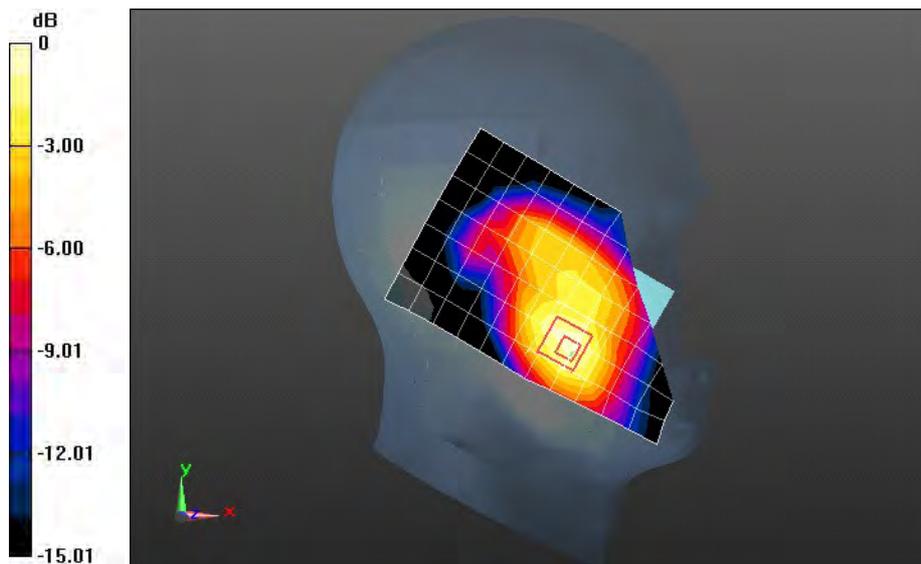
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.092 V/m; Power Drift = 0.0039 dB

Peak SAR (extrapolated) = 0.9240

**SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.590mW/g = -4.58 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9400CH Left hand tilt 15 degree

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.237 mW/g

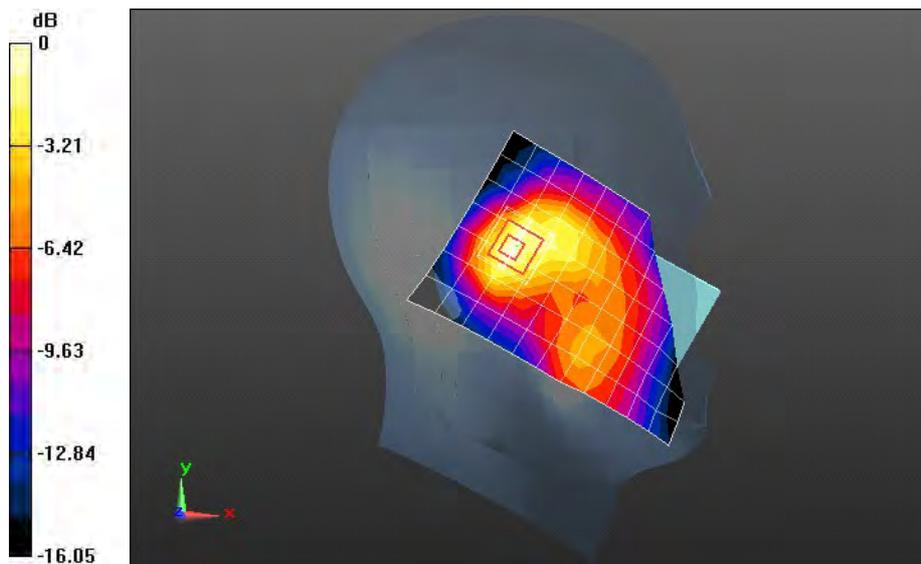
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.791 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.3600

**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.240mW/g = -12.40 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9400CH Right hand touch check

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.531 mW/g

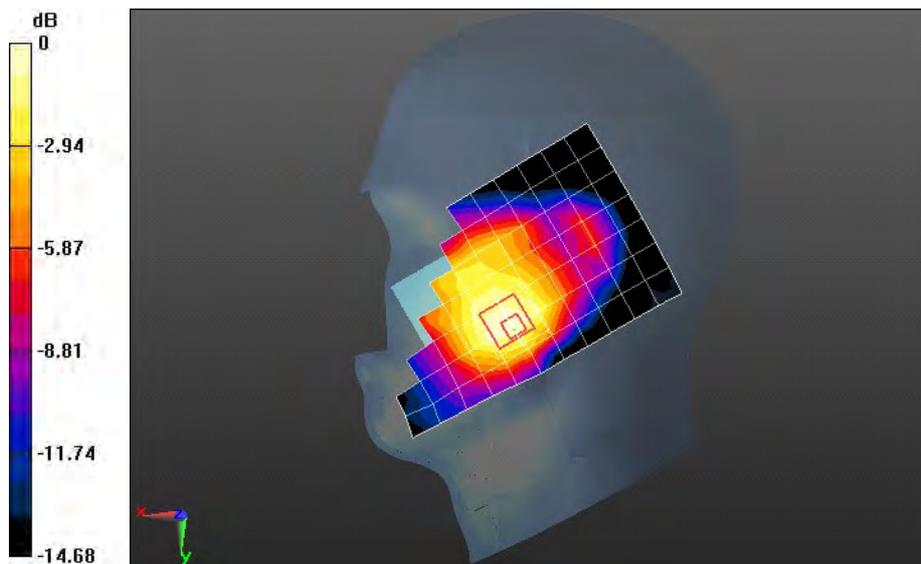
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.740 V/m; Power Drift = -0.0043 dB

Peak SAR (extrapolated) = 0.7390

**SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 0.518 mW/g



0 dB = 0.520mW/g = -5.68 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9400CH Right hand tilt 15 degree

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.249 mW/g

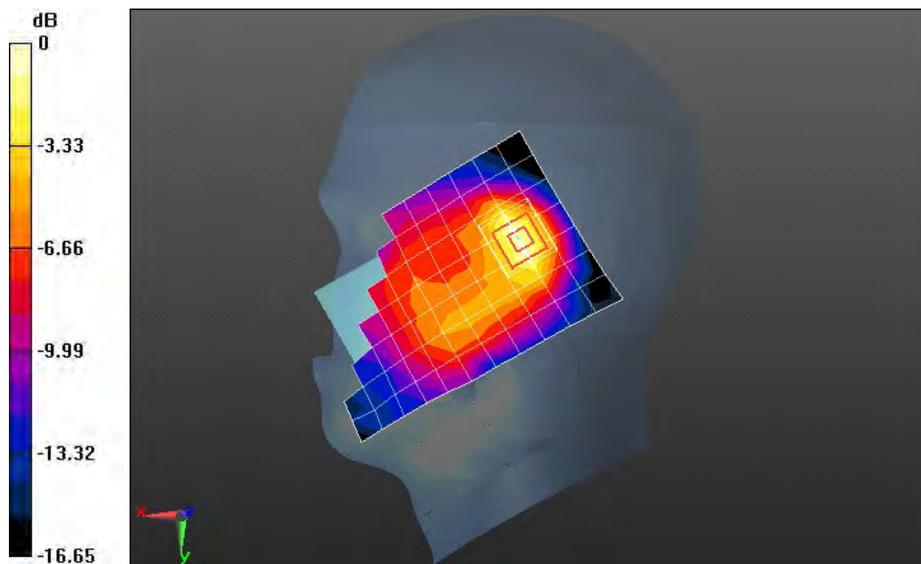
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.830 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.4160

**SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.280mW/g = -11.06 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA1900 9400CH Left hand touch cheek with battery SN-GAGBB22XC4700460****DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.567 mW/g

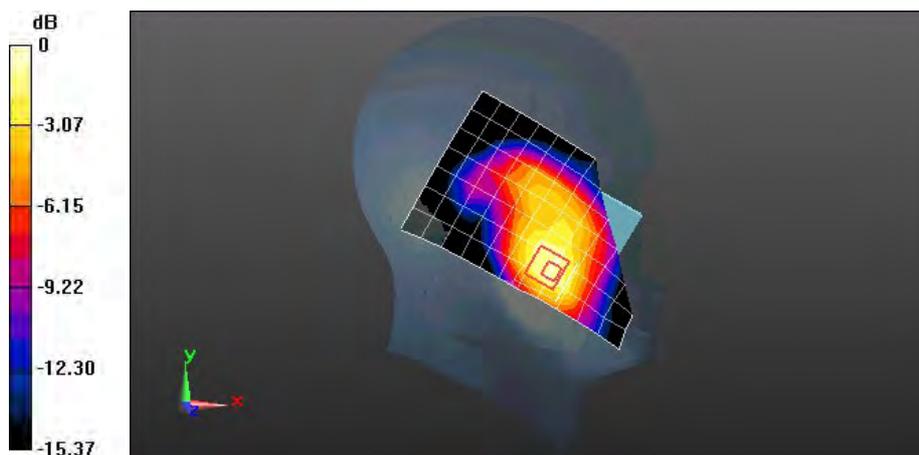
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.950 V/m; Power Drift = 0.02 dB

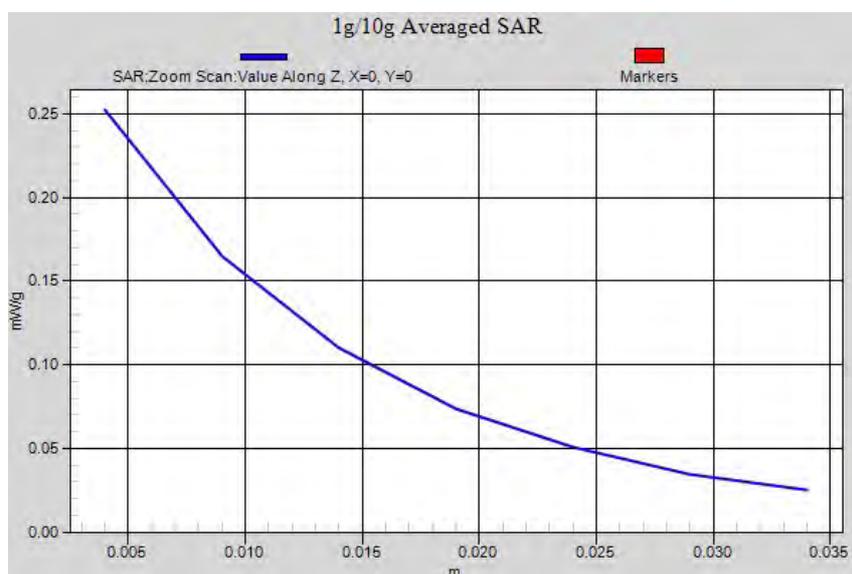
Peak SAR (extrapolated) = 1.133 mW/g

**SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.702 mW/g



0 dB = 0.702 mW/g = -3.07 dB mW/g



Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA1900 9400CH Left hand touch cheek with battery SN-BAAC214F97400336**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.545 mW/g

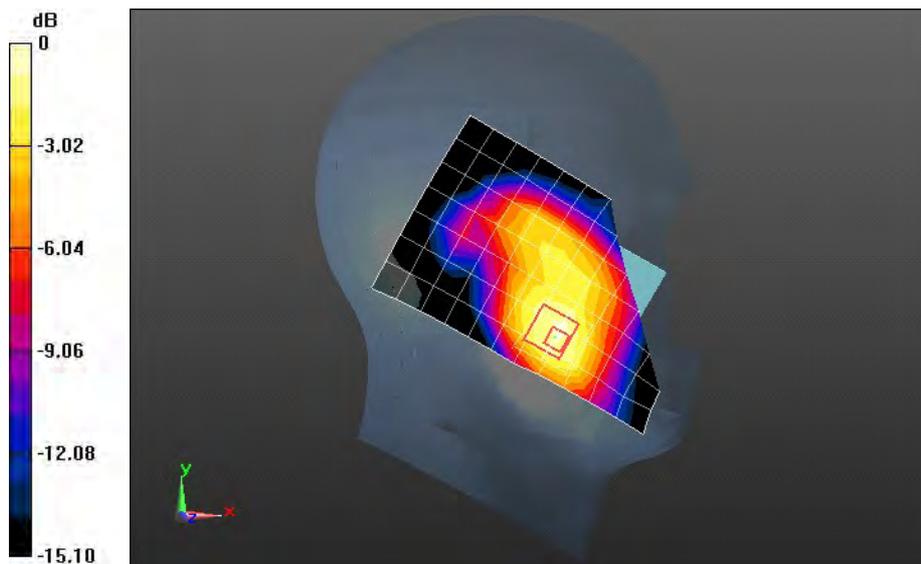
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.050 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.0300

**SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.330 mW/g**

Maximum value of SAR (measured) = 0.642 mW/g



0 dB = 0.640mW/g = -3.88 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA1900 9400CH Left hand touch cheek with battery SN-MHCBA306I43N0017**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.584 mW/g

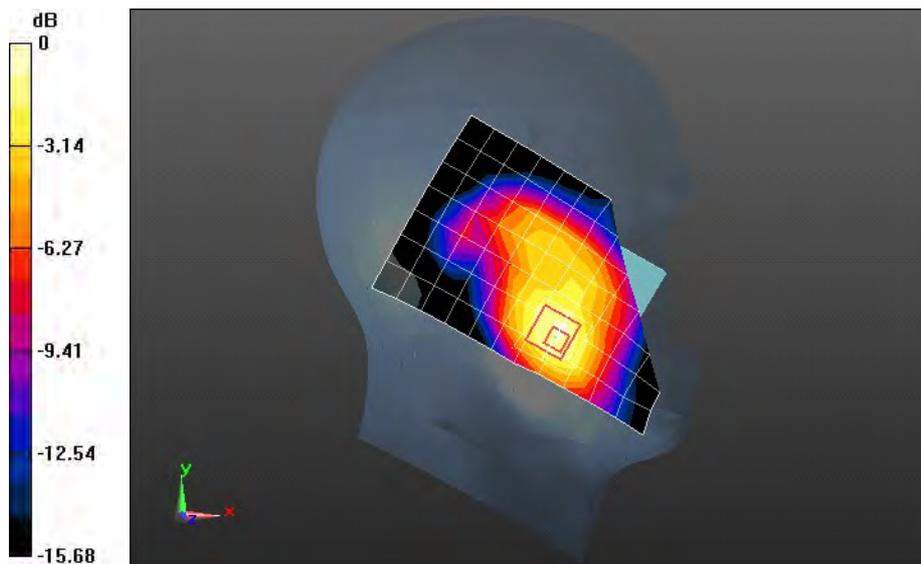
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.966 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.0970

**SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.349 mW/g**

Maximum value of SAR (measured) = 0.691 mW/g



0 dB = 0.690mW/g = -3.22 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA1900 9400CH Left hand touch cheek with battery UAIC320X03055608

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  mho/m;  $\epsilon_r = 39.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.514 mW/g

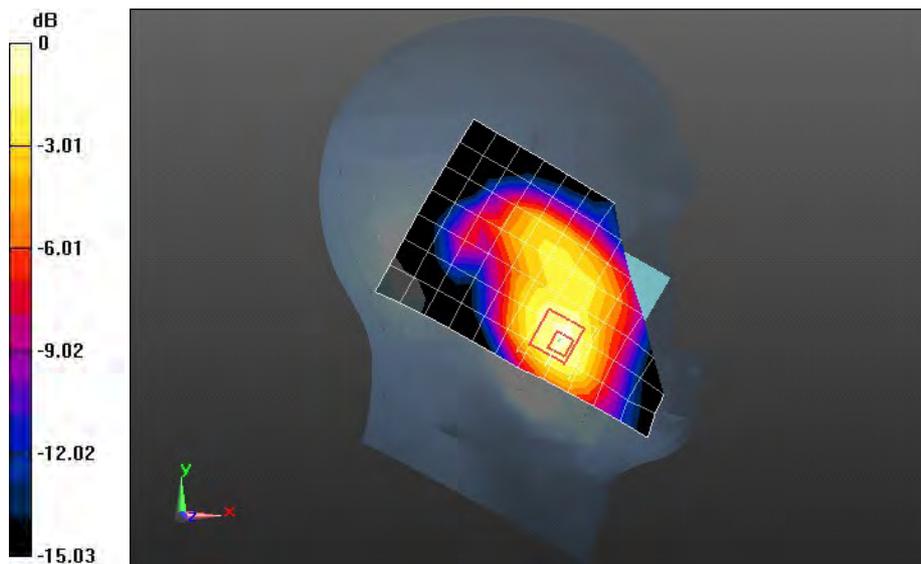
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.021 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.9300

**SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.590mW/g = -4.58 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA1900 9400CH Towards Phantom 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.649 mW/g

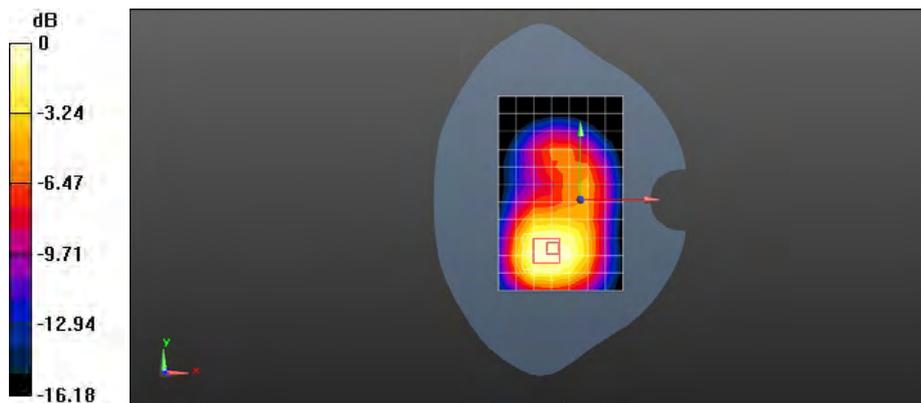
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.655 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.1080

**SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.384 mW/g**

Maximum value of SAR (measured) = 0.690 mW/g



0 dB = 0.690mW/g = -3.22 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8666-51 WCDMA1900 9538CH Towards Ground 10mm**

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

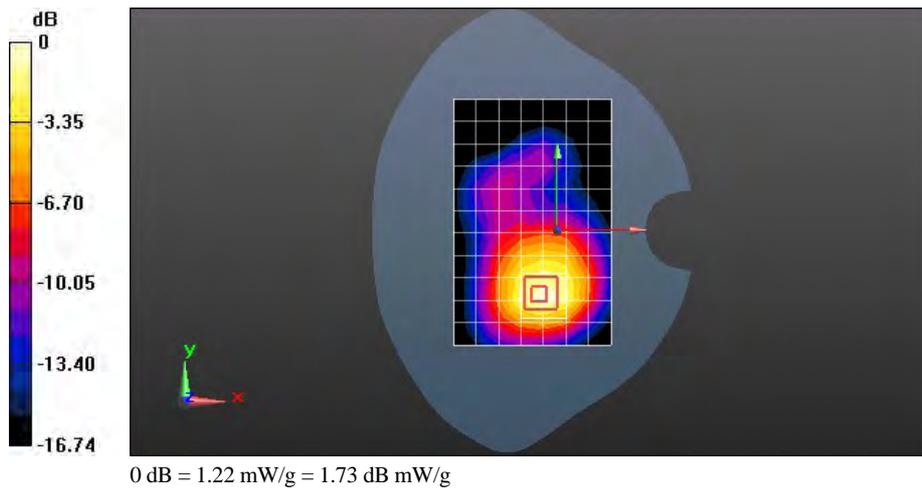
Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz  
 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.556$  mho/m;  $\epsilon_r = 53.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 1.18 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 11.679 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 1.924 mW/g  
**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.623 mW/g**  
 Maximum value of SAR (measured) = 1.22 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA1900 9400CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.174 mW/g

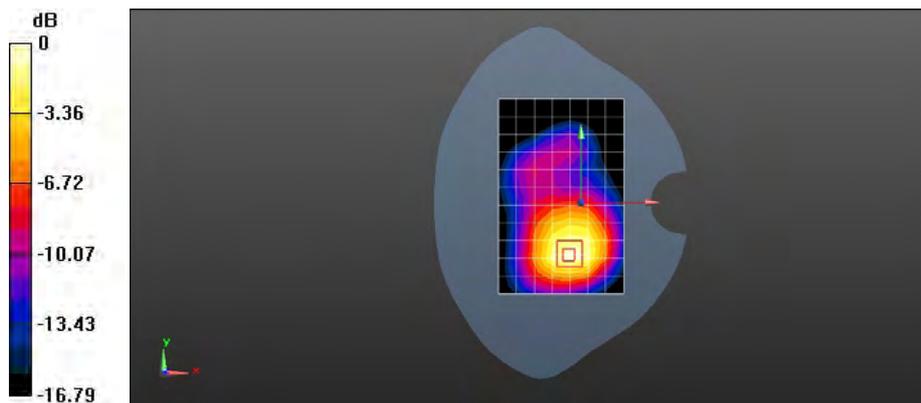
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.657 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.8580

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.619 mW/g**

Maximum value of SAR (measured) = 1.208 mW/g



0 dB = 1.210mW/g = 1.66 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA1900 9262CH Towards Ground 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1852.4 MHz

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 53.79$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.194 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

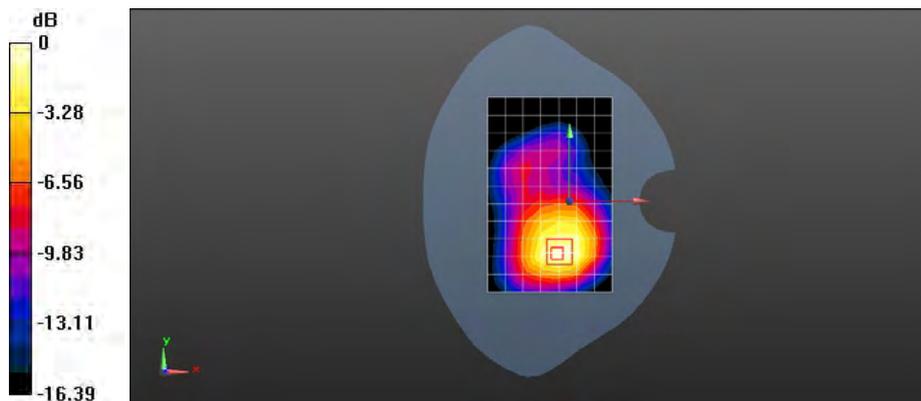
Reference Value = 12.442 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.8370

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.631 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.216 mW/g



0 dB = 1.220mW/g = 1.73 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9400CH Left edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.257 mW/g

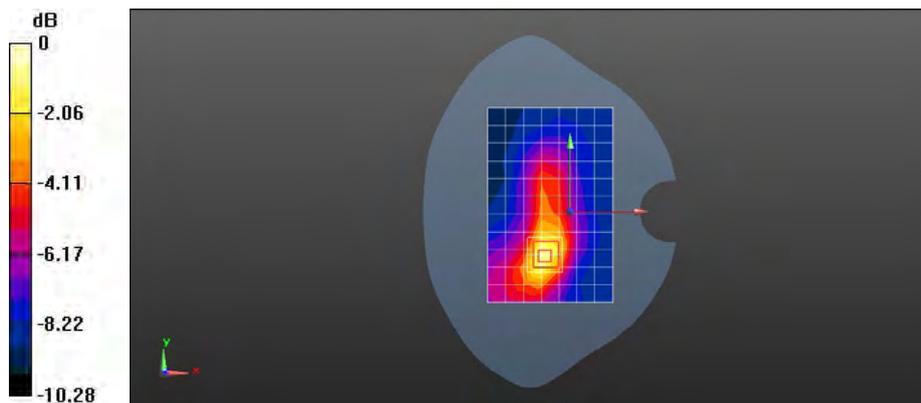
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.622 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5200

**SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.152 mW/g**

Maximum value of SAR (measured) = 0.298 mW/g



0 dB = 0.300mW/g = -10.46 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9400CH Right edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.124 mW/g

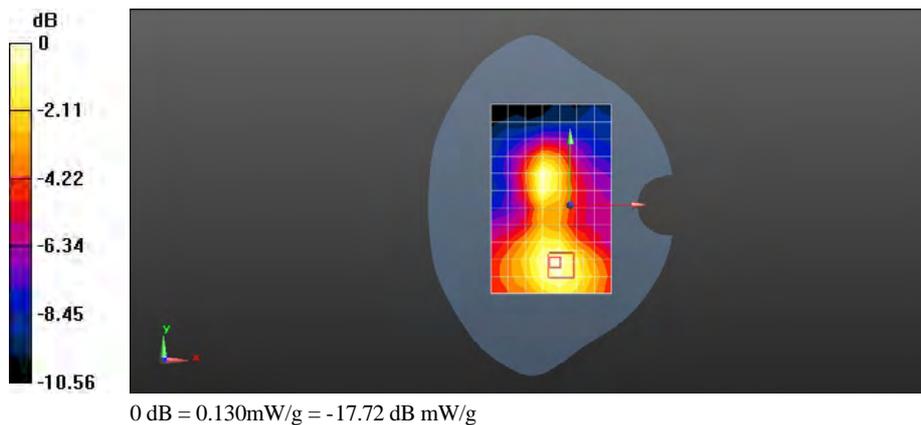
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.199 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.6340

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.133 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9400CH Bottom edge 10mm

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 53.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.811 mW/g

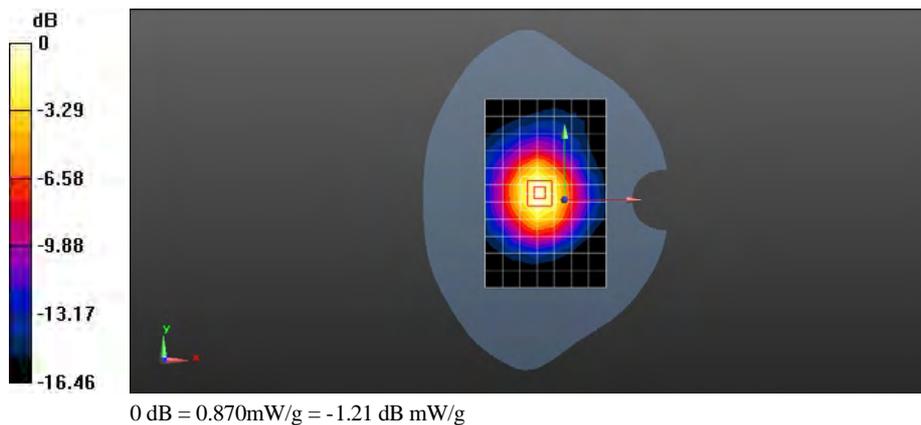
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 22.622 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.3300

**SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 0.867 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9538CH Towards Ground 10mm with HSDPA

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.556$  mho/m;  $\epsilon_r = 53.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.084 mW/g

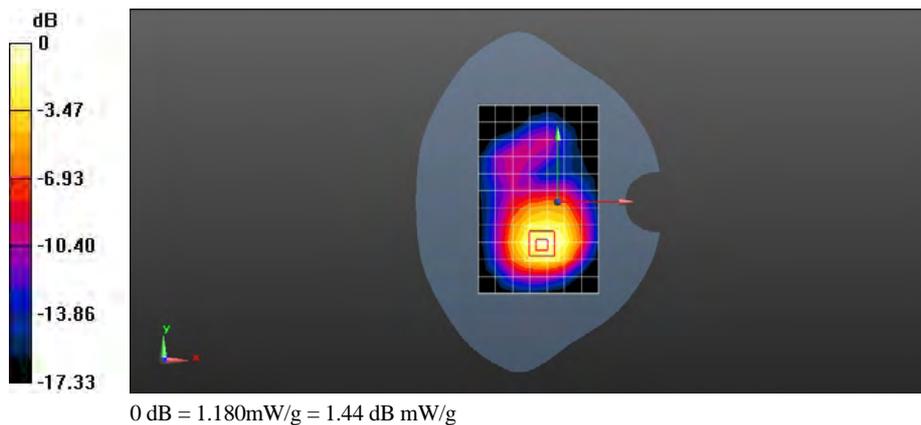
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.822 V/m; Power Drift = 0.0085 dB

Peak SAR (extrapolated) = 1.8450

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.586 mW/g**

Maximum value of SAR (measured) = 1.178 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9538CH Towards Ground 10mm with headset

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.556$  mho/m;  $\epsilon_r = 53.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.104 mW/g

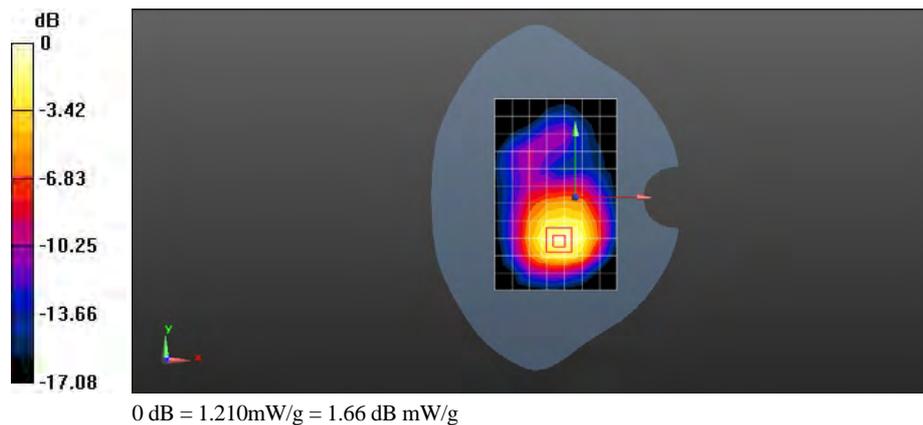
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.252 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.8910

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.601 mW/g**

Maximum value of SAR (measured) = 1.209 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9538CH Towards Ground 10mm with battery SN-GAGBB22XC4700460

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.556$  mho/m;  $\epsilon_r = 53.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.068 mW/g

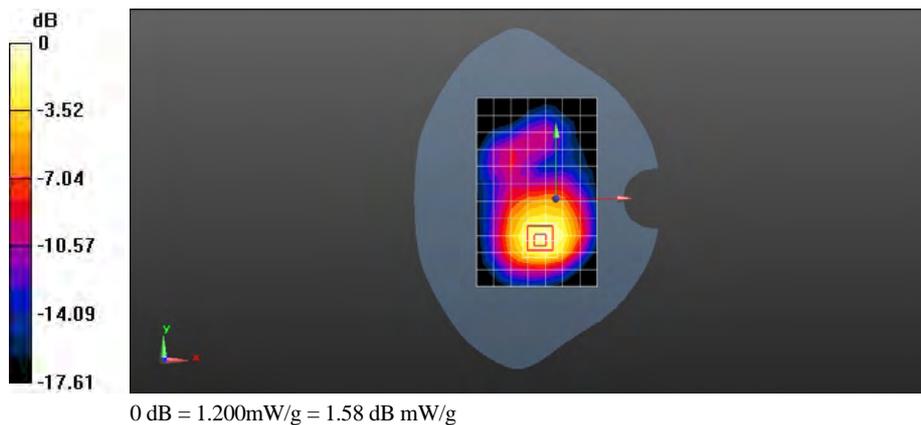
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.797 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.8620

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.596 mW/g**

Maximum value of SAR (measured) = 1.195 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9538CH Towards Ground 10mm with battery SN-BAAC214F97400336

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.556$  mho/m;  $\epsilon_r = 53.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.963 mW/g

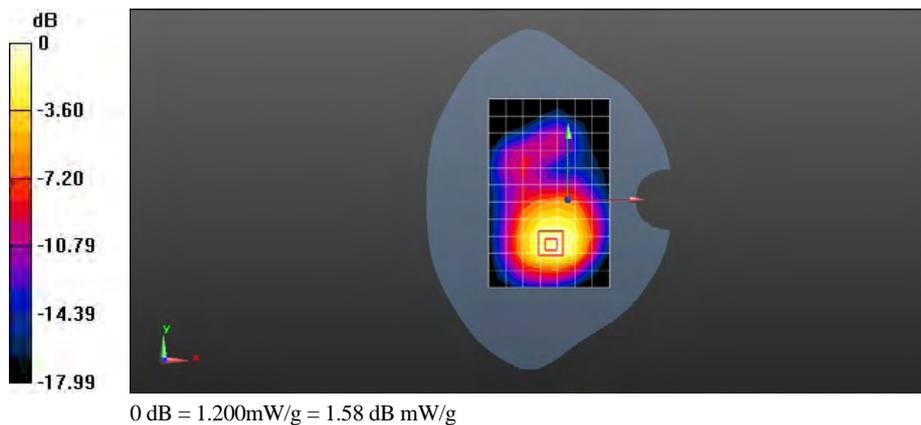
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.927 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.9060

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.605 mW/g**

Maximum value of SAR (measured) = 1.196 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8666-51 WCDMA1900 9538CH Towards Ground 10mm with battery SN-MHCBA306143N0017

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.556$  mho/m;  $\epsilon_r = 53.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.105 mW/g

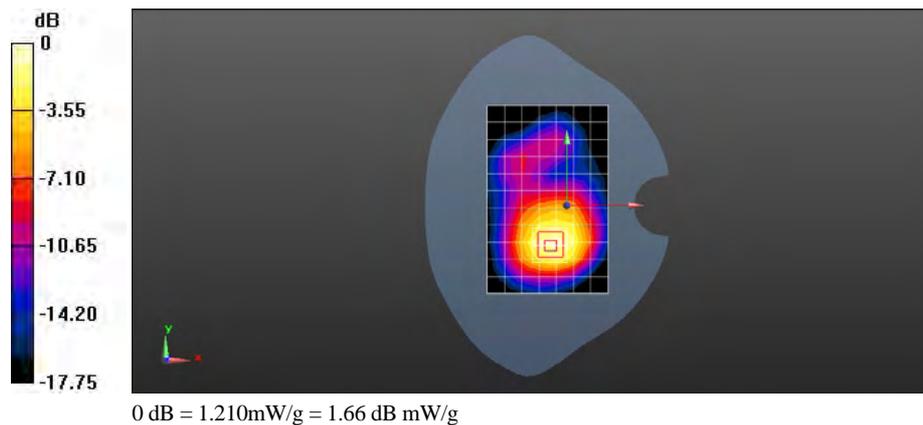
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.156 V/m; Power Drift = -0.0041 dB

Peak SAR (extrapolated) = 1.8940

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.608 mW/g**

Maximum value of SAR (measured) = 1.211 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8666-51 WCDMA1900 9538CH Towards Ground 10mm with battery SN-UAIC320X03055608

**DUT: U8666-51; Type: HUAWEI Ascend Y 201;; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.556$  mho/m;  $\epsilon_r = 53.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.095 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.116 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.9010

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.606 mW/g**

Maximum value of SAR (measured) = 1.214 mW/g

