



## Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM850 190CH Left hand touch check**

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 41.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.460 W/kg

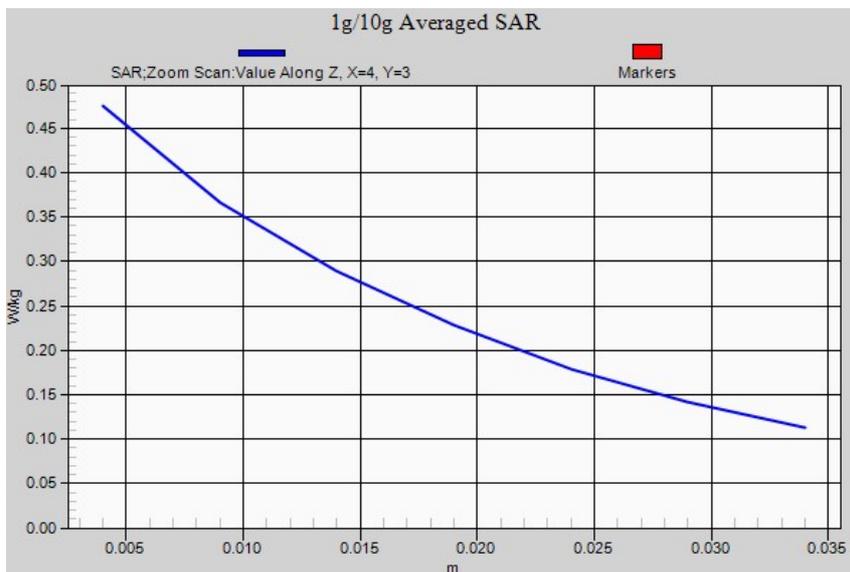
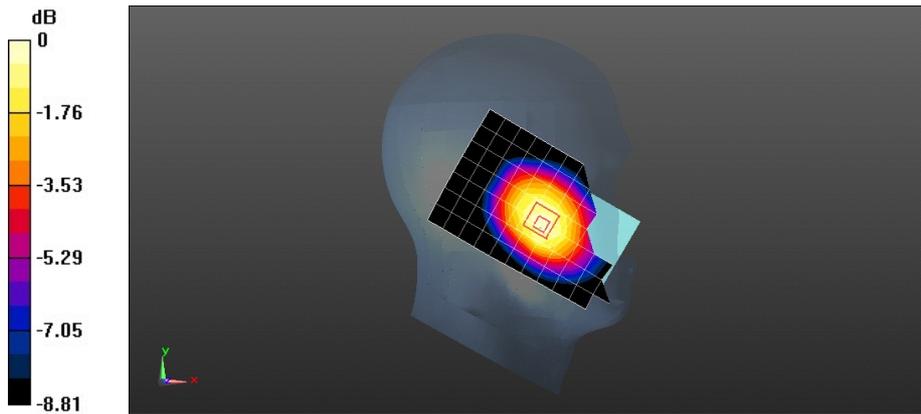
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.920 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.573 mW/g

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.340 mW/g**

Maximum value of SAR (measured) = 0.475 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 190CH Left hand tilt 15 degree

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 41.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.254 W/kg

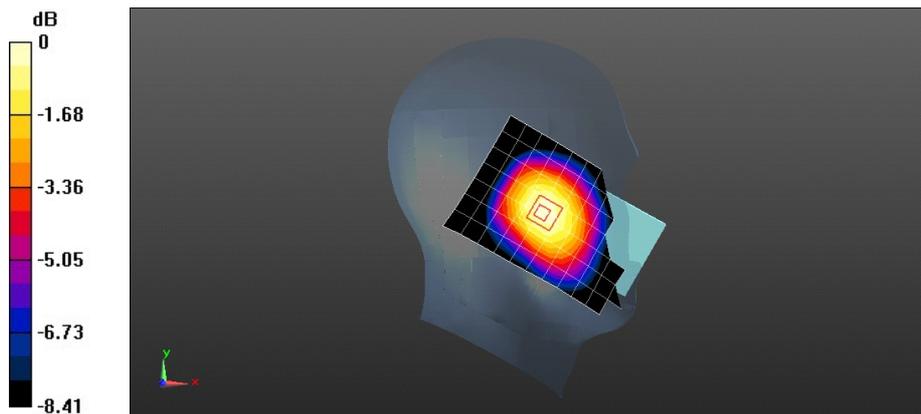
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.909 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.317 mW/g

**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.190 mW/g**

Maximum value of SAR (measured) = 0.265 W/kg



0 dB = 0.265 W/kg = -11.54 dB W/kg

Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 190CH Right hand touch check

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 41.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.377 W/kg

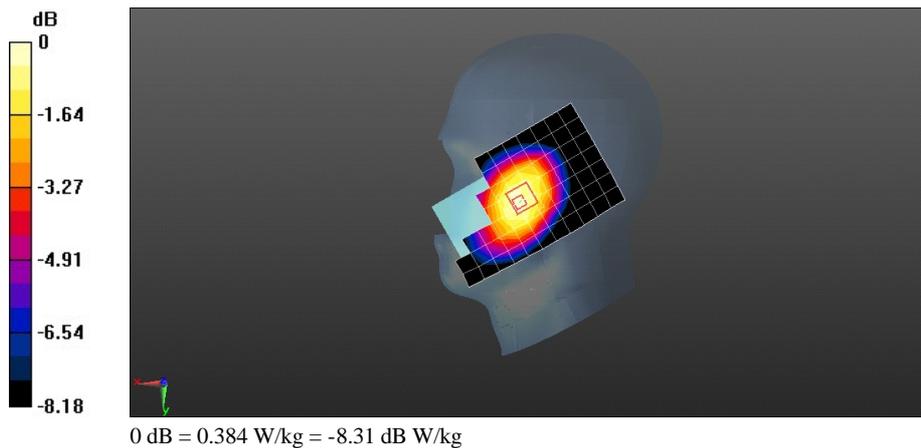
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.701 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.441 mW/g

**SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.384 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 190CH Right hand tilt 15 degree

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r = 41.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.302 W/kg

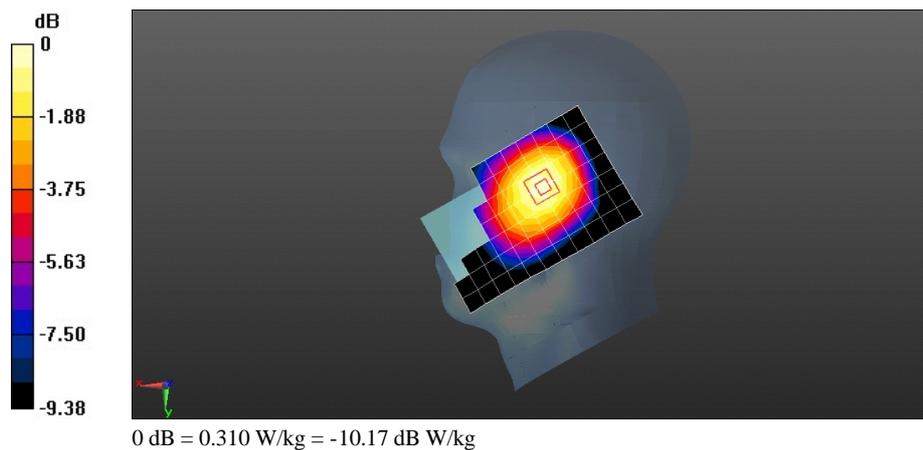
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.531 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.371 mW/g

**SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.222 mW/g**

Maximum value of SAR (measured) = 0.310 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 GPRS 1TS 190CH Towards Phantom 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.574 W/kg

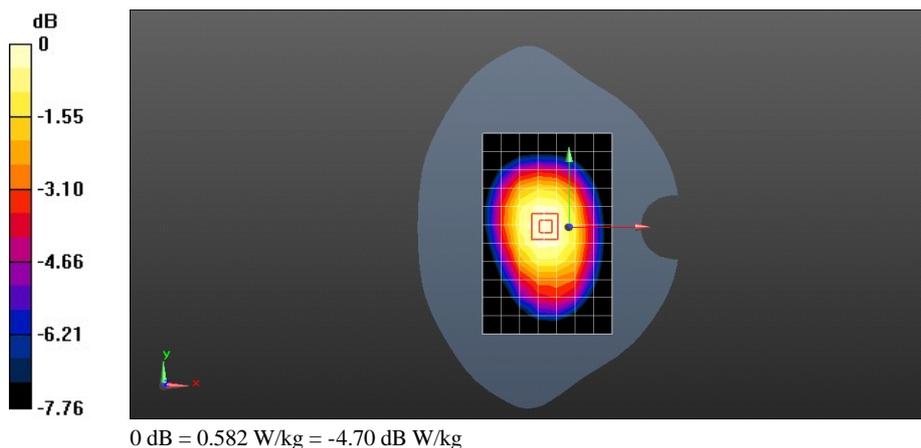
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.346 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.701 mW/g

**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.427 mW/g**

Maximum value of SAR (measured) = 0.582 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 GPRS 2TS 190CH Towards Phantom 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.684 W/kg

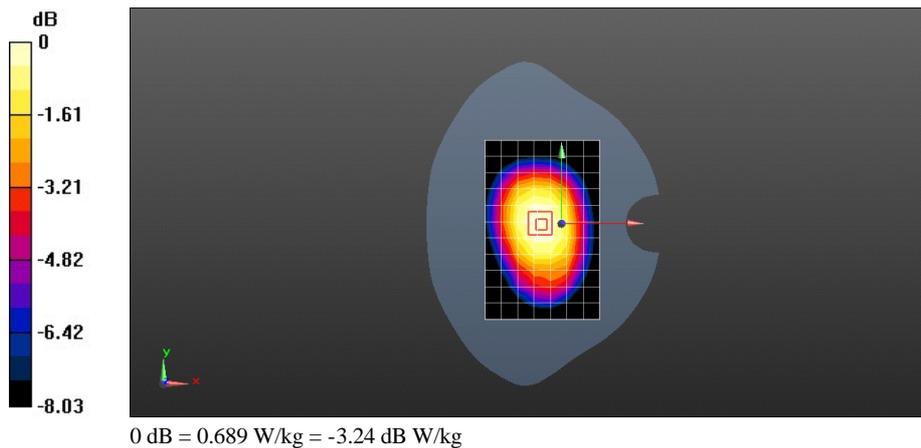
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.745 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.800 mW/g

**SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.506 mW/g**

Maximum value of SAR (measured) = 0.689 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 GPRS 2TS 190CH Towards Ground 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.770 W/kg

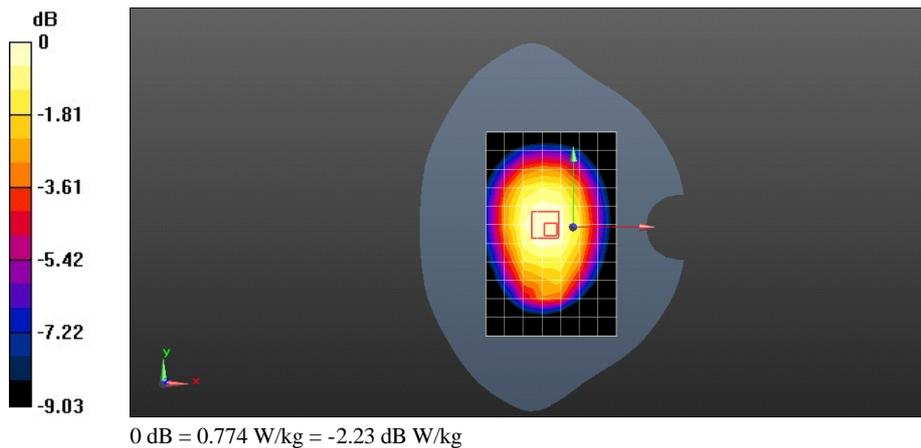
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.918 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.959 mW/g

**SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.552 mW/g**

Maximum value of SAR (measured) = 0.774 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 GPRS 2TS 190CH Left edge 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.630 W/kg

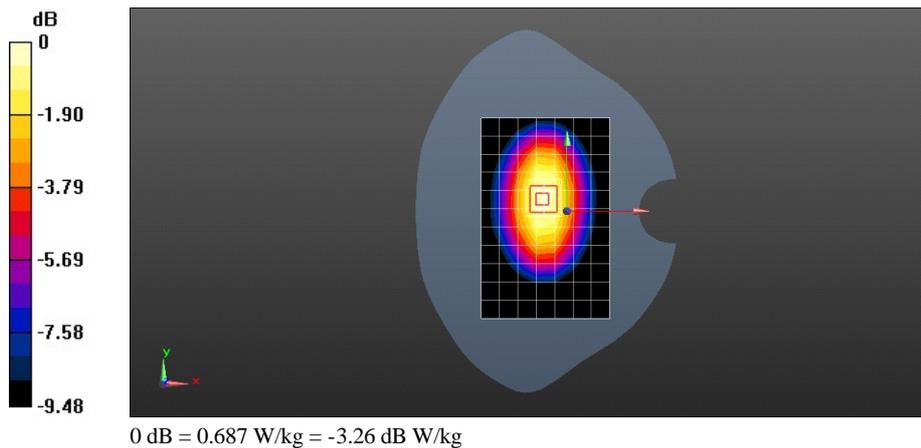
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.837 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.905 mW/g

**SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (measured) = 0.687 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM850 GPRS 2TS 190CH Right edge 10mm****DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.532 W/kg

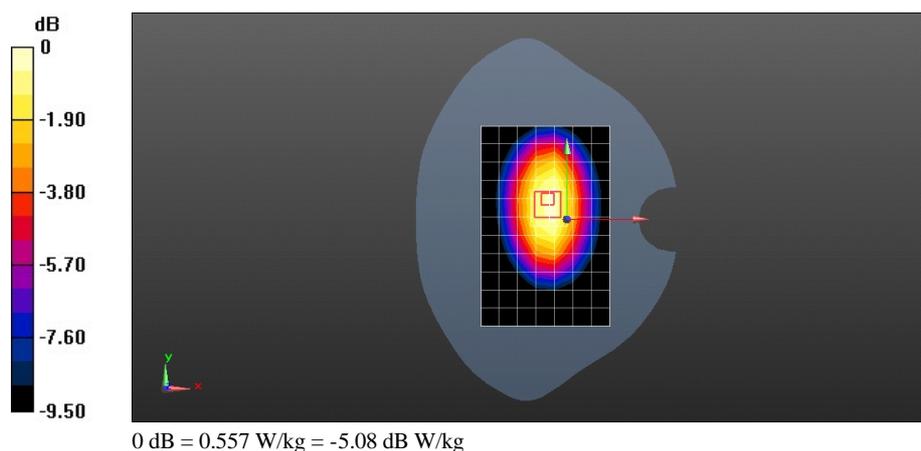
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.133 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.742 mW/g

**SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.557 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM850 GPRS 2TS 190CH Bottom edge 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.142 W/kg

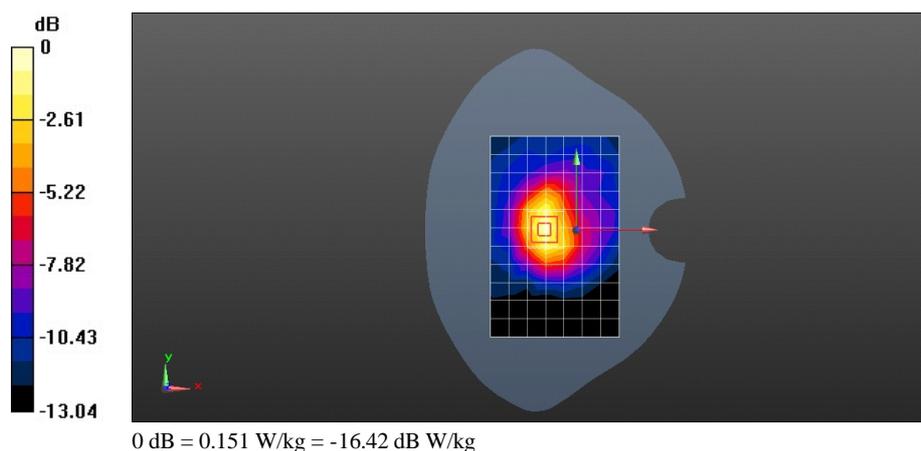
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.479 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.231 mW/g

**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.151 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM850 EGPRS 1TS 190CH Towards Ground 10mm****DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.683 W/kg

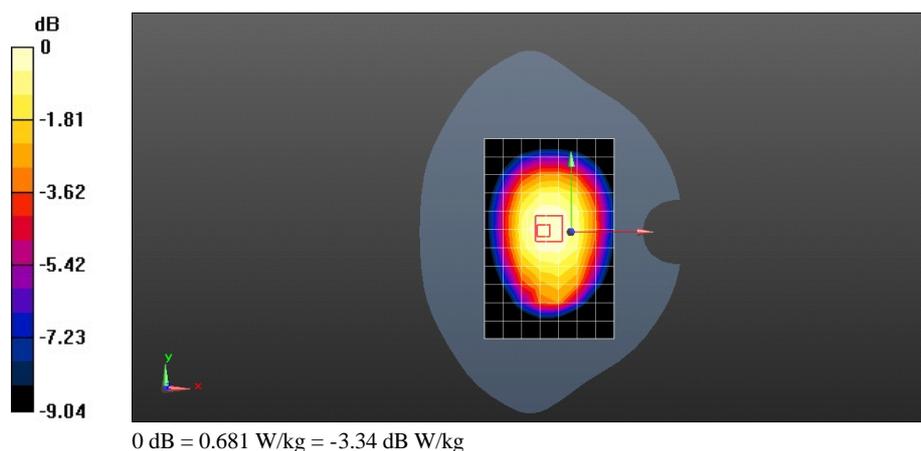
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.321 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.807 mW/g

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.498 mW/g**

Maximum value of SAR (measured) = 0.681 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM850 EGPRS 2TS 190CH Towards Ground 10mm**

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.804 W/kg

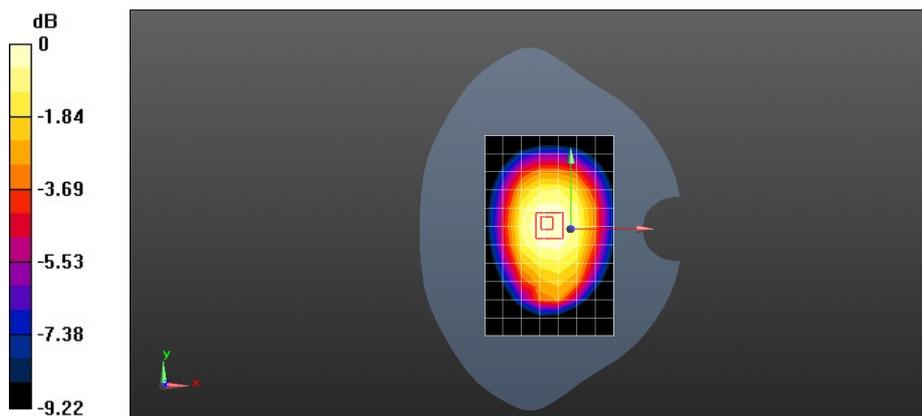
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.680 V/m; Power Drift = -0.04 dB

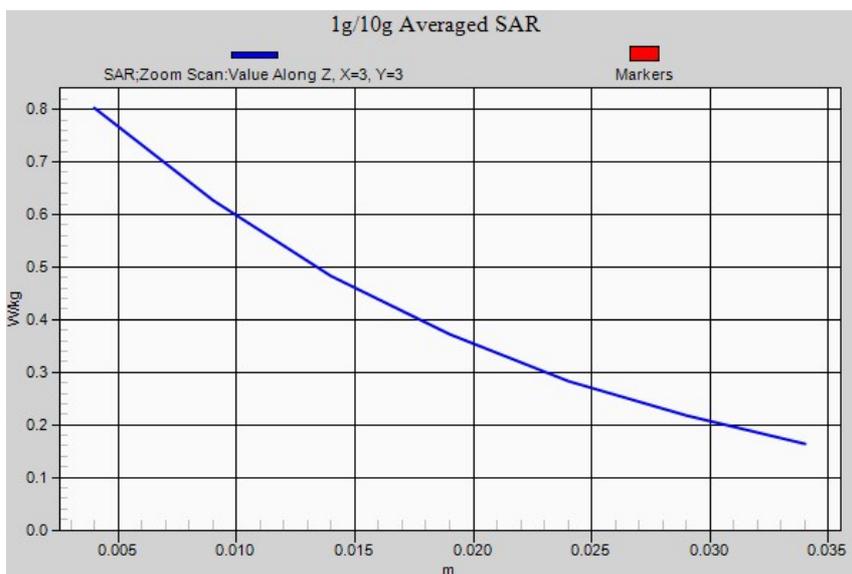
Peak SAR (extrapolated) = 0.958 mW/g

**SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.579 mW/g**

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -1.92 dB W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM850 190CH Towards Ground 10mm with Headset****DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 55.31$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (measured) = 0.502 W/kg

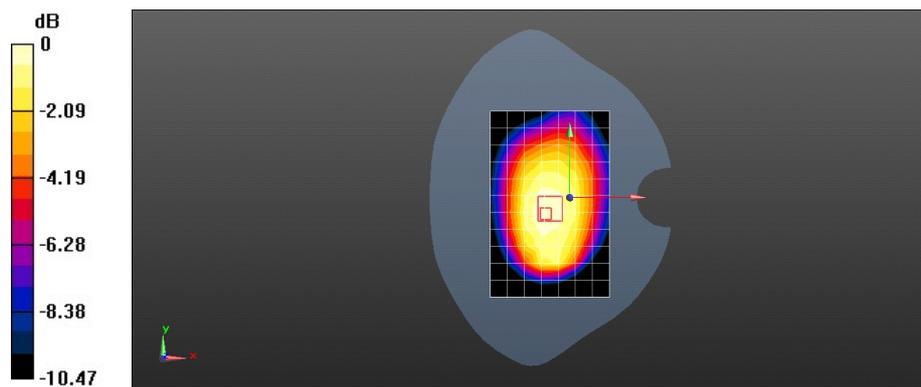
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.903 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.644 mW/g

**SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.506 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM1900 661CH Left hand touch check****DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  mho/m;  $\epsilon_r = 39.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.284 W/kg

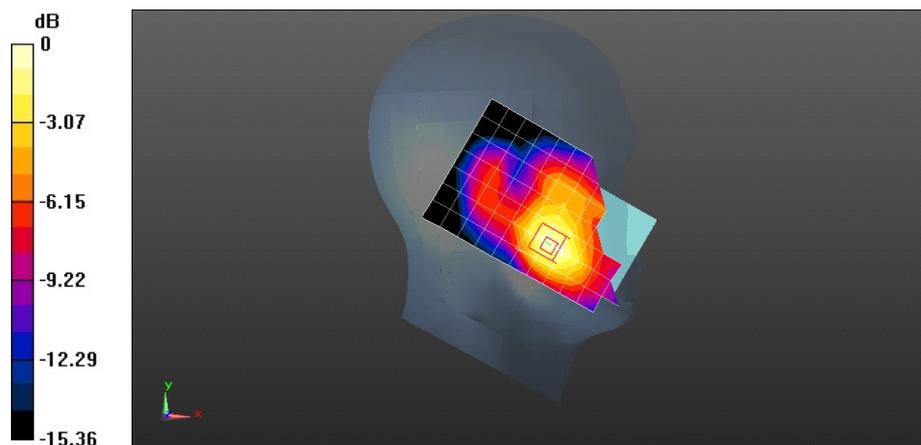
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.614 V/m; Power Drift = 0.02 dB

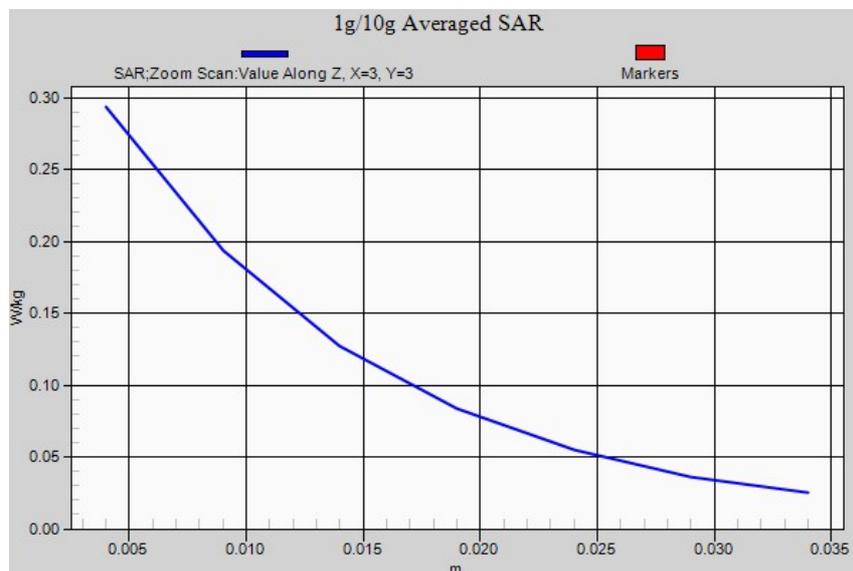
Peak SAR (extrapolated) = 0.432 mW/g

**SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.165 mW/g**

Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -10.66 dB W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM1900 661CH Left hand tilt 15 degree****DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  mho/m;  $\epsilon_r = 39.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.135 W/kg

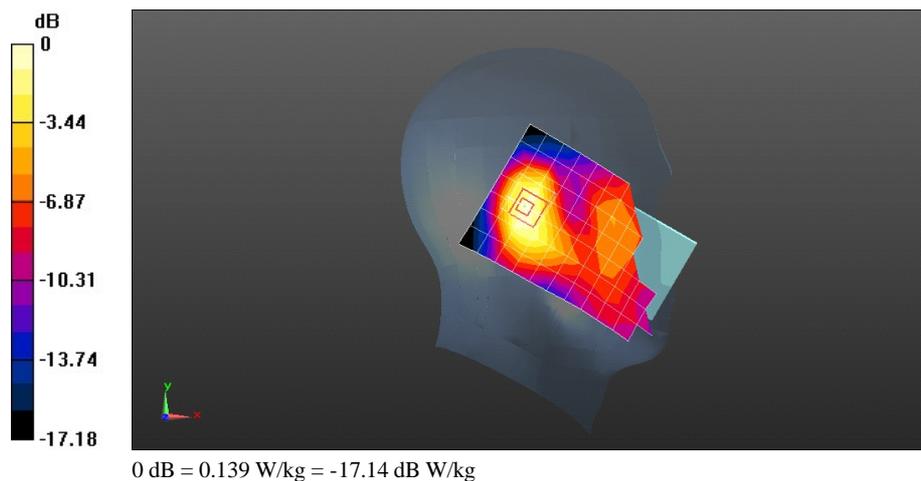
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.172 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.212 mW/g

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.073 mW/g**

Maximum value of SAR (measured) = 0.139 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 661CH Right hand touch cheek

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  mho/m;  $\epsilon_r = 39.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

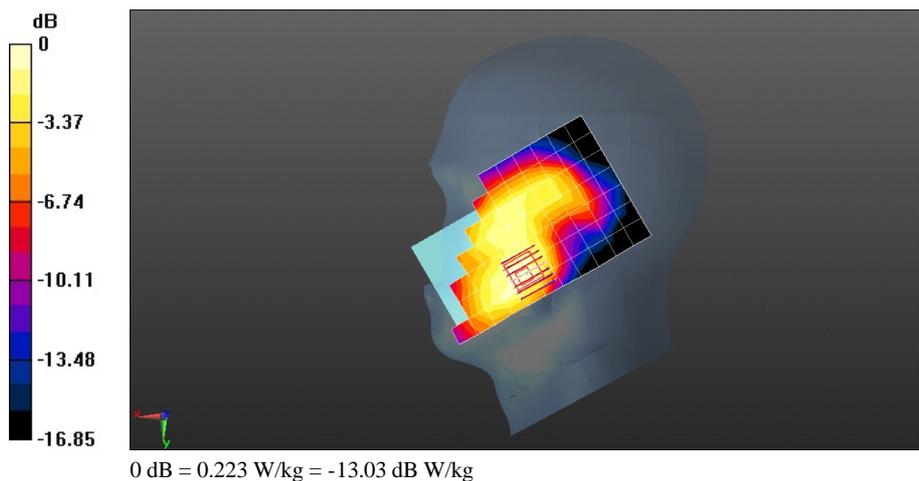
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.739 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.333 mW/g

**SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.128 mW/g**

Maximum value of SAR (measured) = 0.223 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 661CH Right hand tilt 15 degree

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  mho/m;  $\epsilon_r = 39.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

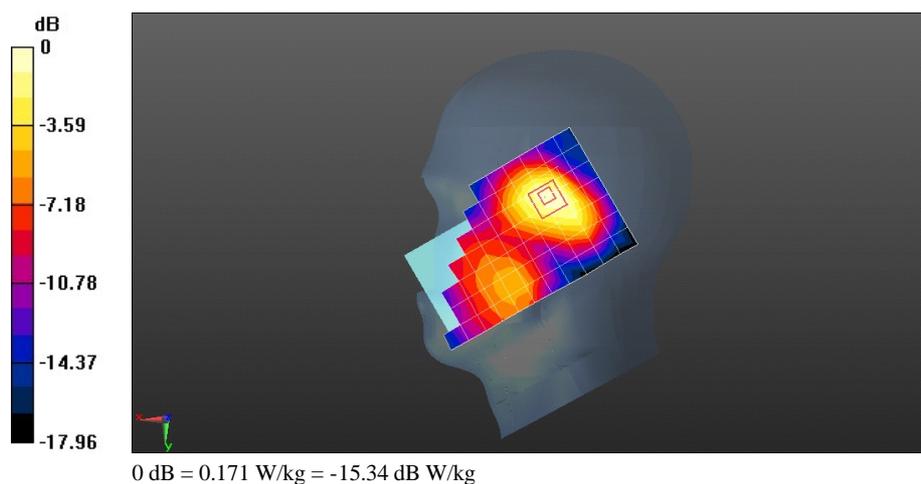
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.454 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.243 mW/g

**SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.095 mW/g**

Maximum value of SAR (measured) = 0.171 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM1900 GPRS 1TS 661CH Towards Phantom 10mm**

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.480 W/kg

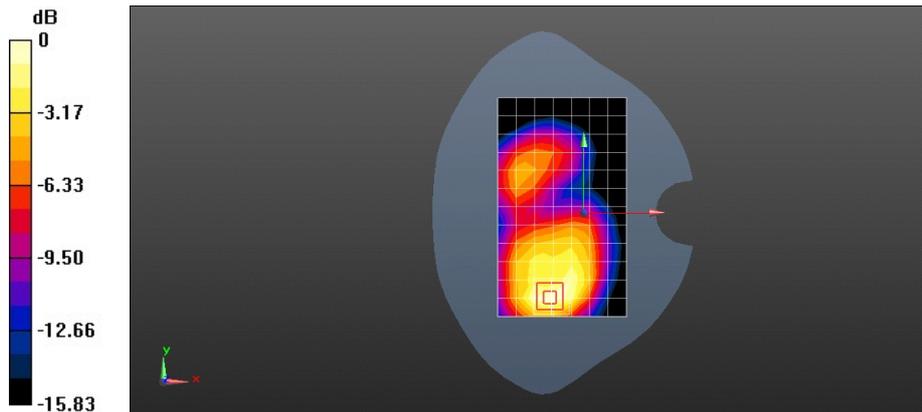
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.593 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.682 mW/g

**SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.247 mW/g**

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg = -6.36 dB W/kg

Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 GPRS 2TS 661CH Towards Phantom 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.548 W/kg

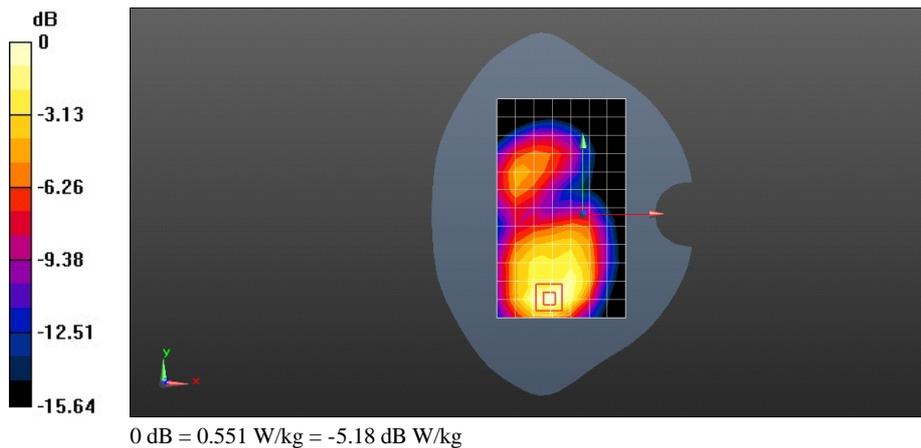
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.949 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.788 mW/g

**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.283 mW/g**

Maximum value of SAR (measured) = 0.551 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM1900 GPRS 2TS 661CH Towards Ground 10mm**

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz;Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.700 W/kg

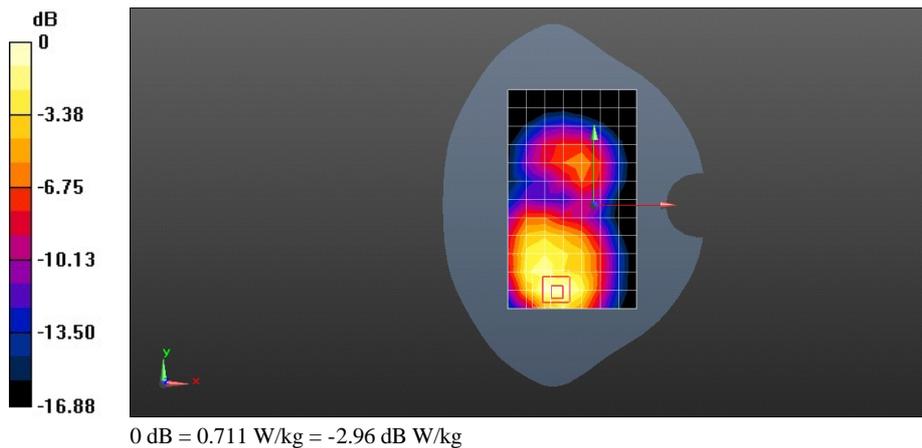
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.169 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.075 mW/g

**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.367 mW/g**

Maximum value of SAR (measured) = 0.711 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 GPRS 2TS 661CH Left edge 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.137 W/kg

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

Reference Value = 5.450 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.203 mW/g

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.146 W/kg

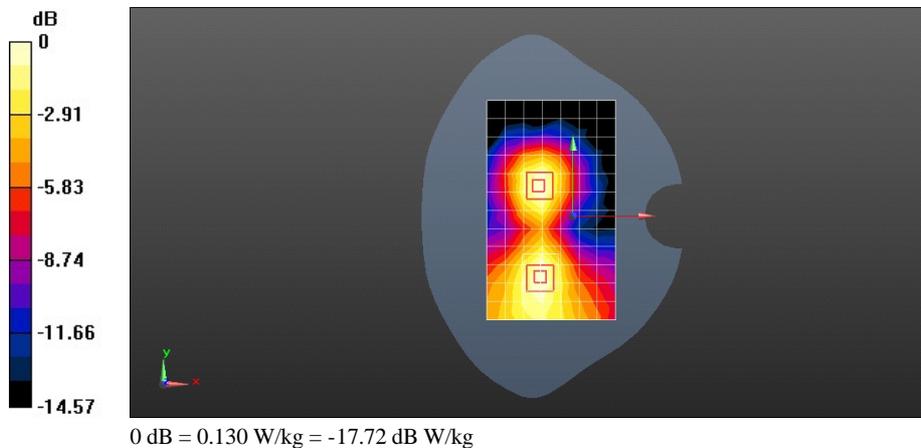
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.450 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.188 mW/g

**SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.073 mW/g**

Maximum value of SAR (measured) = 0.130 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 GPRS 2TS 661CH Right edge 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

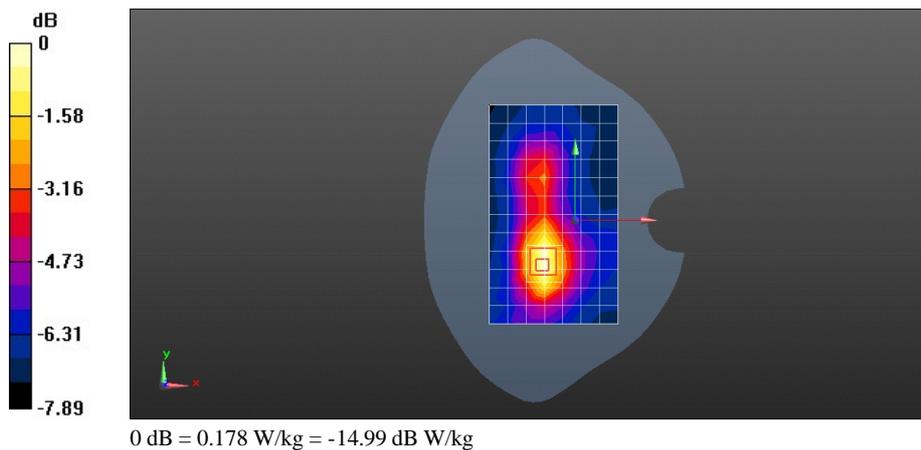
Maximum value of SAR (measured) = 0.178 W/kg

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

Reference Value = 7.234 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.296 mW/g

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.106 mW/g**



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 GPRS 2TS 661CH Bottom edge 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.736 W/kg

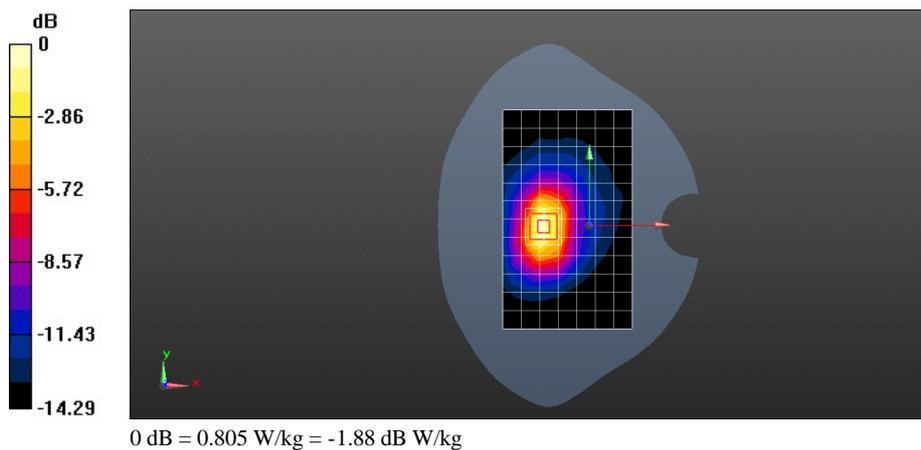
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.291 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.164 mW/g

**SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.805 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 EGPRS 1TS 661CH Bottom edge 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.611 W/kg

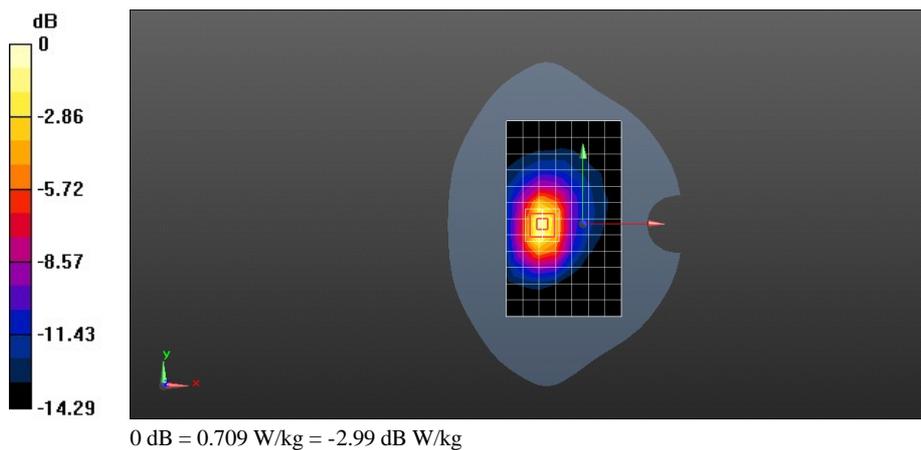
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.346 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.075 mW/g

**SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.709 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 GSM1900 EGPRS 2TS 661CH Bottom edge 10mm**

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.771 W/kg

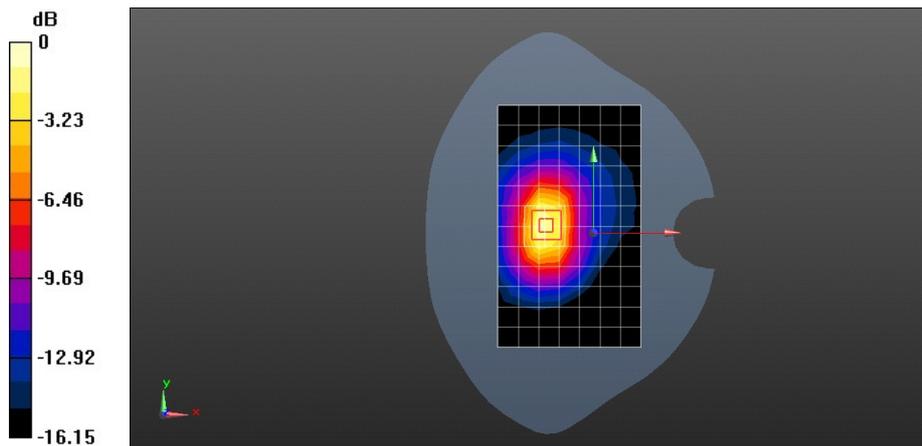
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.591 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.326 mW/g

**SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.418 mW/g**

Maximum value of SAR (measured) = 0.887 W/kg



0 dB = 0.887 W/kg = -1.04 dB W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 GSM1900 661CH Towards Ground 10mm with headset

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  mho/m;  $\epsilon_r = 53.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.705 W/kg

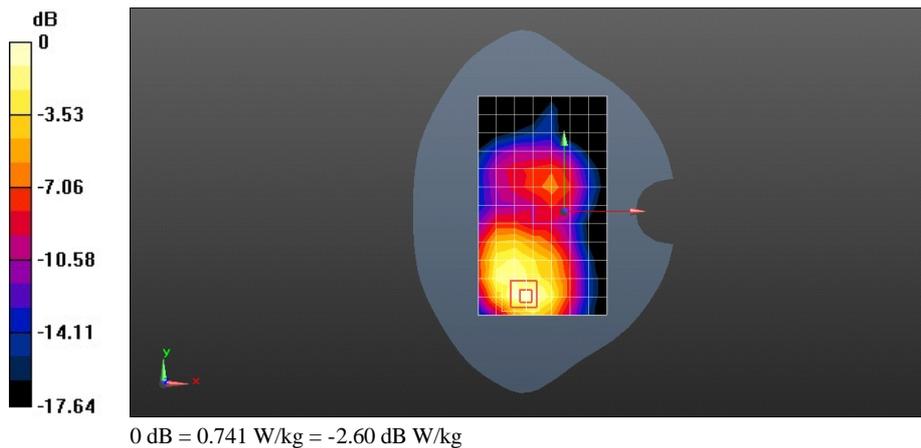
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.401 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.120 mW/g

**SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.377 mW/g**

Maximum value of SAR (measured) = 0.741 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 WIFI 802.11b 6CH Left hand touch check

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.833$  mho/m;  $\epsilon_r = 40.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.232 W/kg

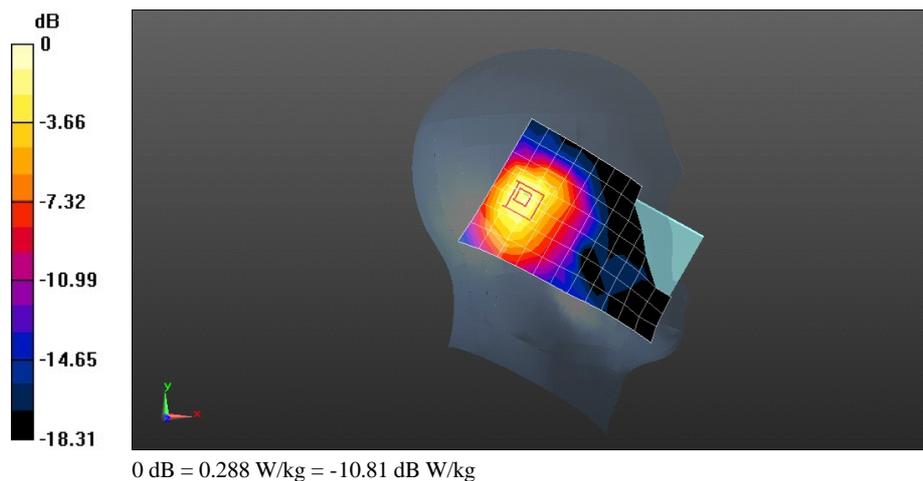
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.497 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.490 mW/g

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.136 mW/g**

Maximum value of SAR (measured) = 0.288 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 WIFI 802.11b 6CH Left hand tilt 15 degree

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.833$  mho/m;  $\epsilon_r = 40.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.227 W/kg

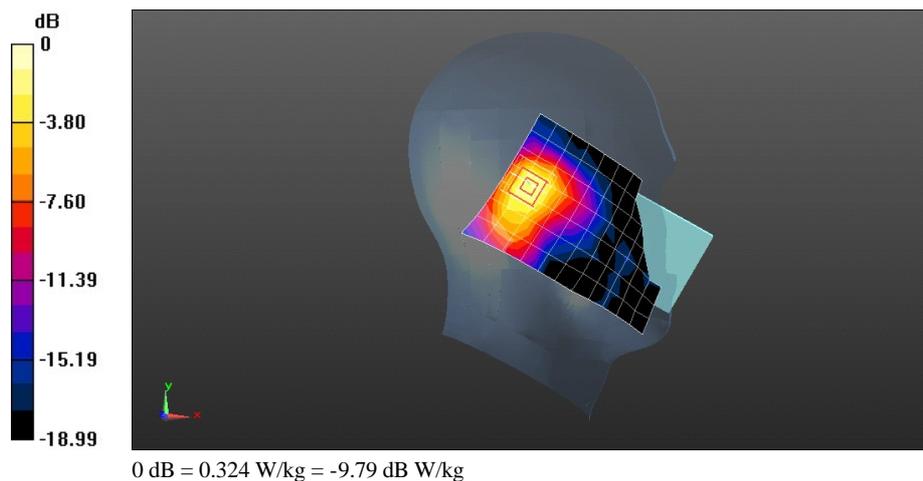
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.421 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.572 mW/g

**SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.324 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 WIFI 802.11b 6CH Right hand touch check**

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

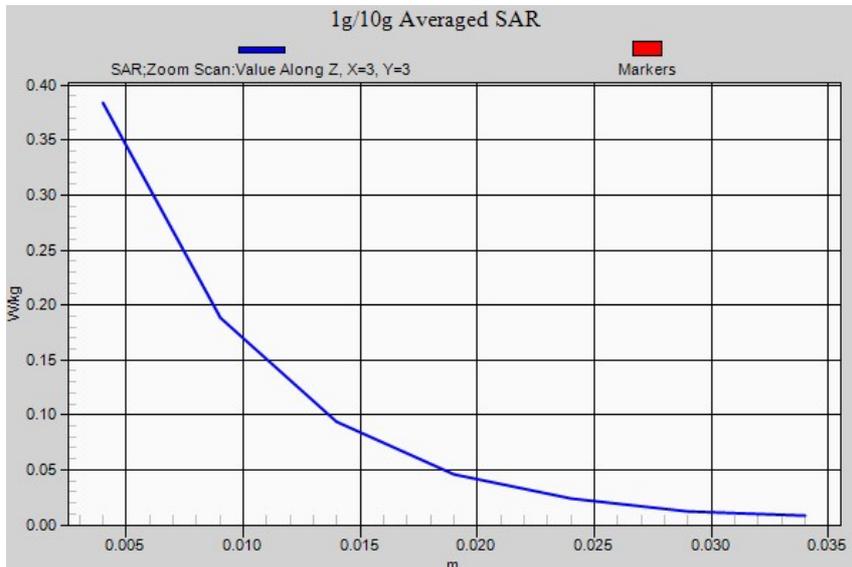
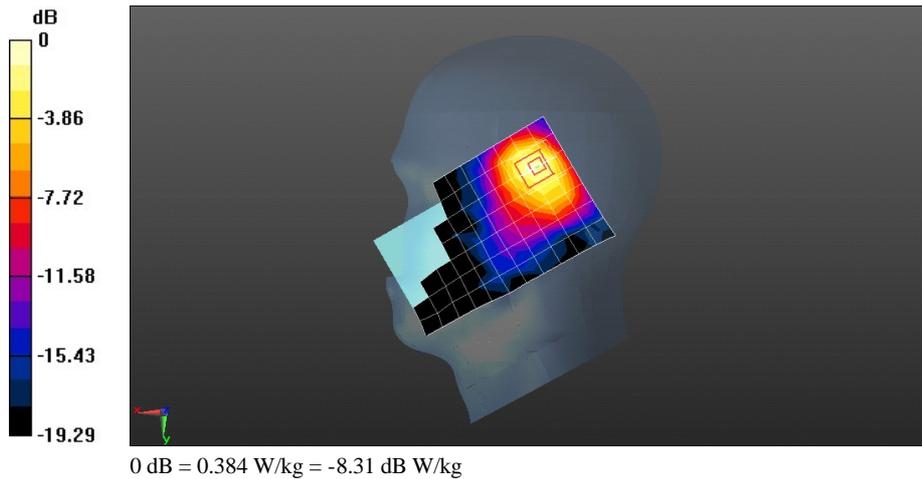
Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.833$  mho/m;  $\epsilon_r = 40.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.337 W/kg

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 10.085 V/m; Power Drift = 0.19 dB  
 Peak SAR (extrapolated) = 0.710 mW/g  
**SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.169 mW/g**  
 Maximum value of SAR (measured) = 0.384 W/kg



Test Laboratory: HUAWEI SAR Lab

### U8950N-1 WIFI 802.11b 6CH Right hand tilt 15 degree

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.833$  mho/m;  $\epsilon_r = 40.387$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.78, 6.78, 6.78); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.288 W/kg

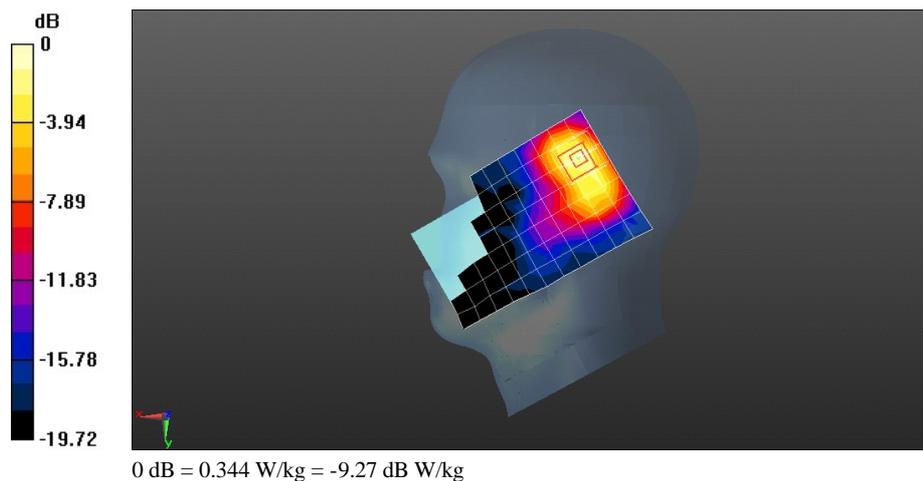
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.605 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.675 mW/g

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.344 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 WiFi 11b 6CH Towards Phantom 10mm****DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.832$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0966 W/kg

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

Reference Value = 5.213 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.158 mW/g

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.101 W/kg

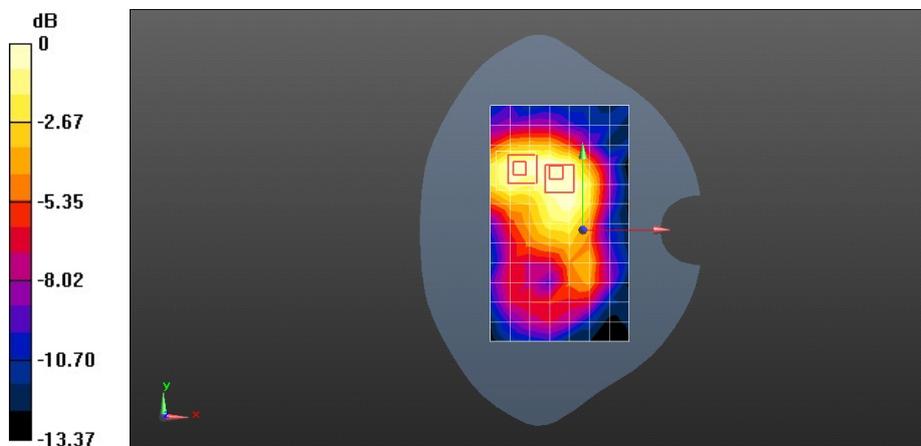
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.213 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.149 mW/g

**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.0901 W/kg



0 dB = 0.0901 W/kg = -20.91 dB W/kg

Test Laboratory: HUAWEI SAR Lab

**U8950N-1 WiFi 11b 6CH Towards Ground 10mm****DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.832$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0963 W/kg

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

Reference Value = 4.374 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.234 mW/g

**SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.051 mW/g**

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

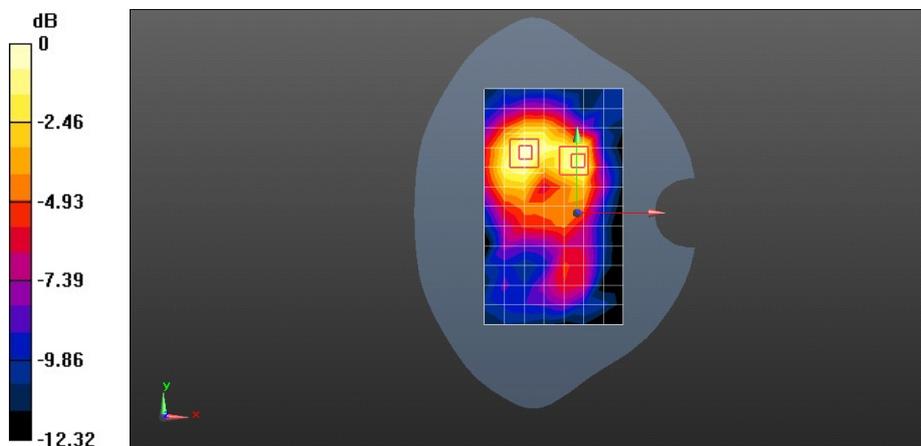
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.374 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.153 mW/g

**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg = -20.00 dB W/kg

Test Laboratory: HUAWEI SAR Lab

### U8950N-1 WiFi 11b 6CH Left edge 10mm

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.832$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0839 W/kg

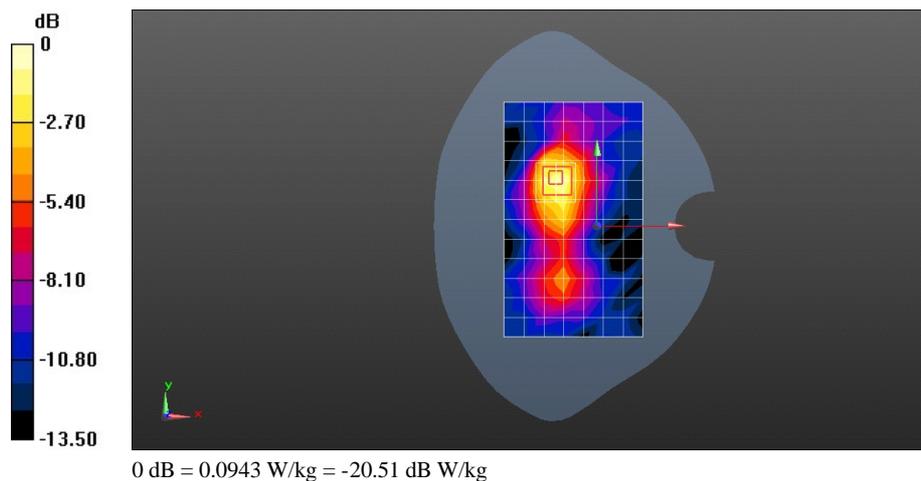
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.483 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.173 mW/g

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.044 mW/g**

Maximum value of SAR (measured) = 0.0943 W/kg



Test Laboratory: HUAWEI SAR Lab

**U8950N-1 WiFi 11b 6CH Top edge 10mm**

**DUT: HUAWEI U8950N-1, U8950N-1; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Ascend G600; Serial: SAR1**

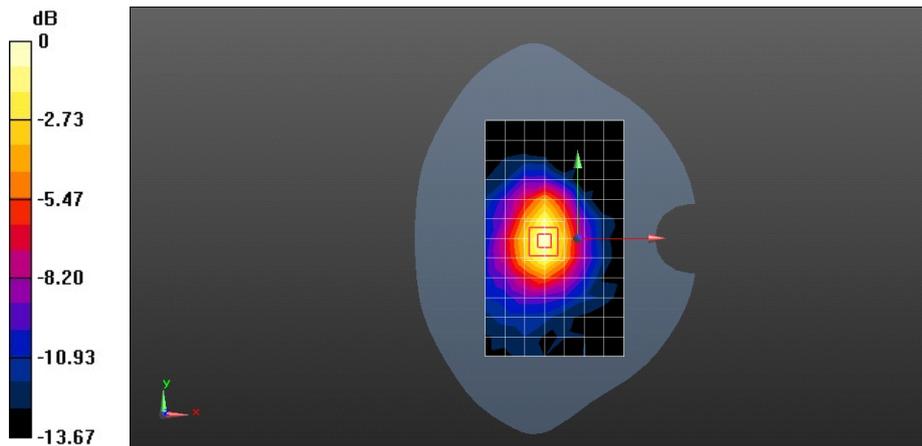
Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.832$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.157 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 7.826 V/m; Power Drift = 0.11 dB  
 Peak SAR (extrapolated) = 0.253 mW/g  
**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.077 mW/g**



0 dB = 0.157 W/kg = -16.08 dB W/kg

