



## Appendix B. SAR Measurement Plots

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Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 251CH Left hand touch check

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.912$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.966 mW/g

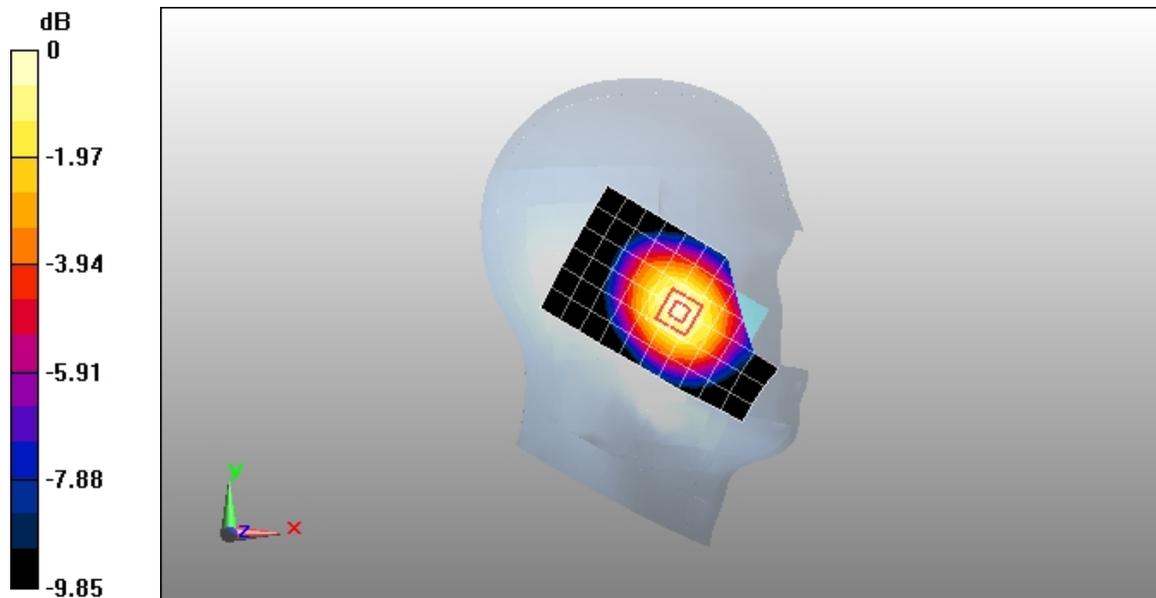
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.058 dB

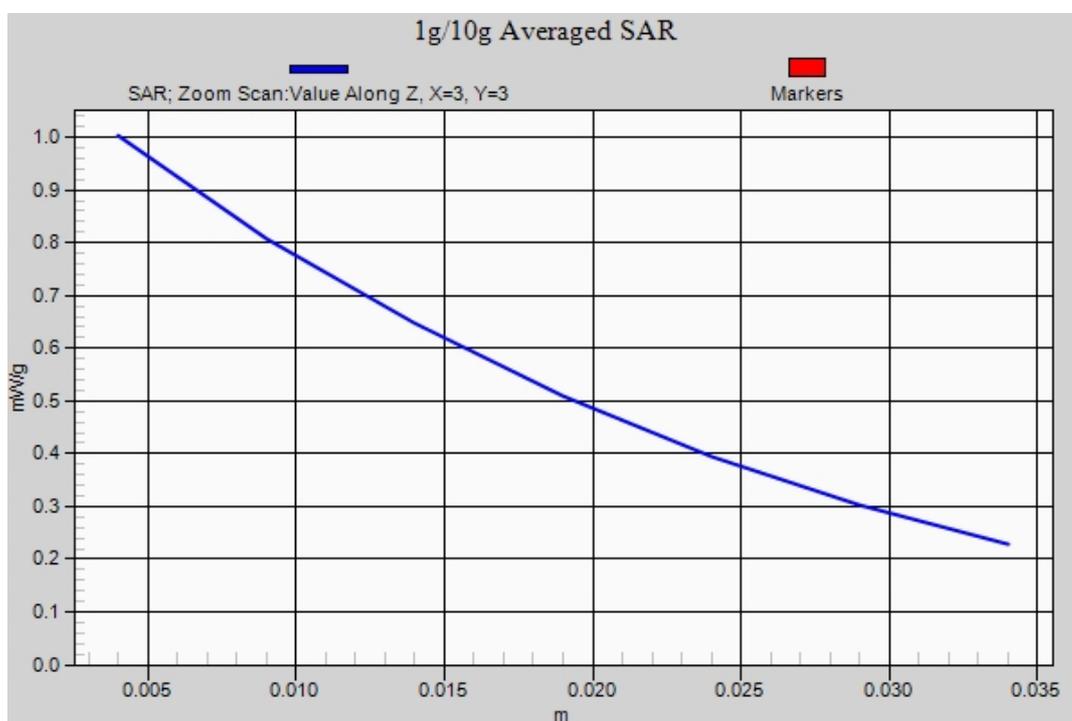
Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.712 mW/g**

Maximum value of SAR (measured) = 1 mW/g



0 dB = 1mW/g



Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 190CH Left hand touch check**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.791 mW/g

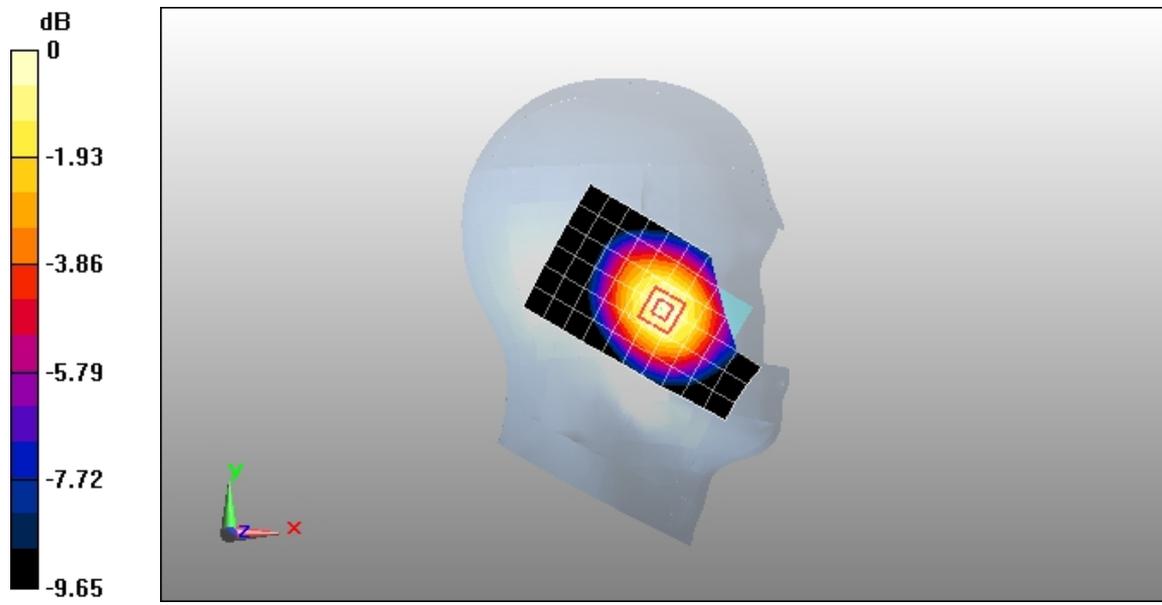
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.66 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.952 W/kg

**SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.582 mW/g**

Maximum value of SAR (measured) = 0.818 mW/g



0 dB = 0.818mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 128CH Left hand touch check

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.645 mW/g

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

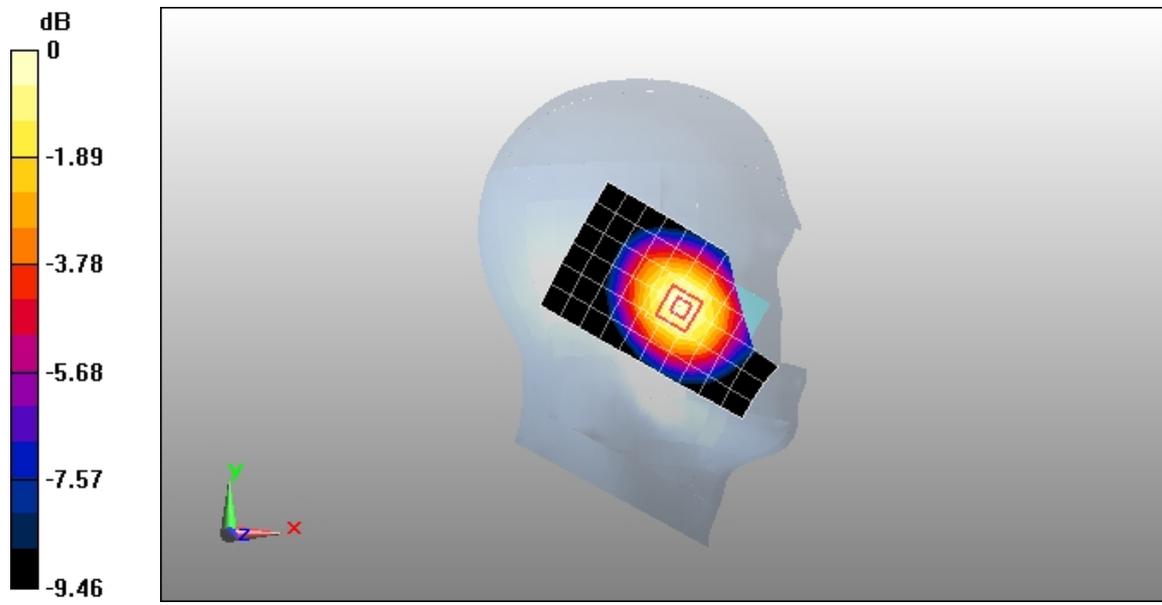
Reference Value = 8.95 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.785 W/kg

**SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.479 mW/g**

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

Maximum value of SAR (measured) = 0.671 mW/g



0 dB = 0.671mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 190CH Left hand tilt 15 degree**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.539 mW/g

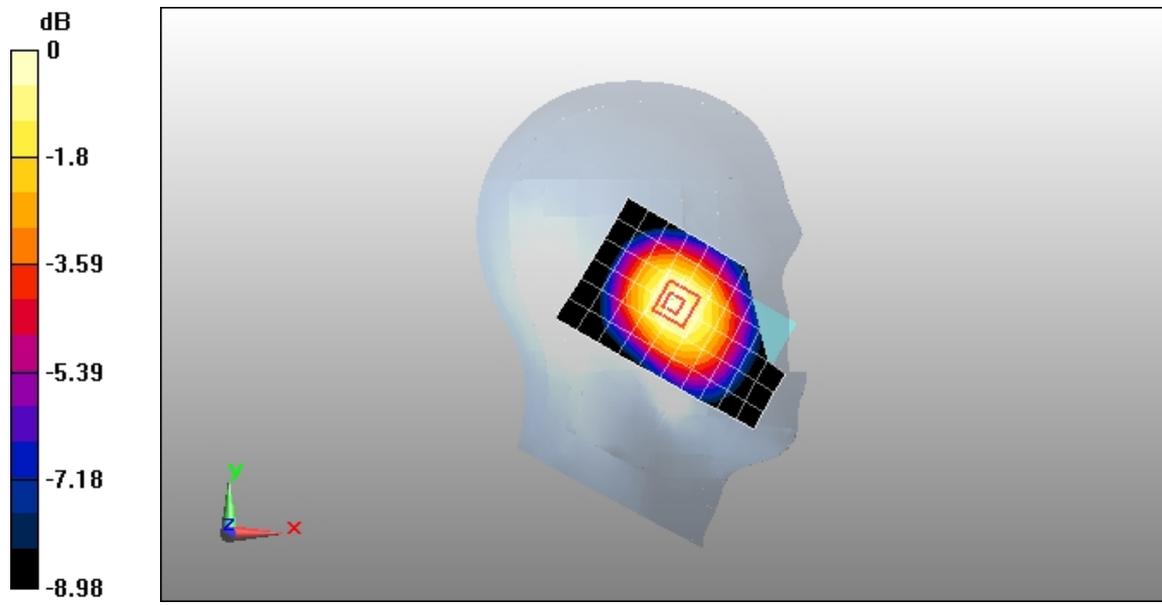
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.384 mW/g**

Maximum value of SAR (measured) = 0.536 mW/g



0 dB = 0.536mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 190CH Right hand touch check**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.640 mW/g

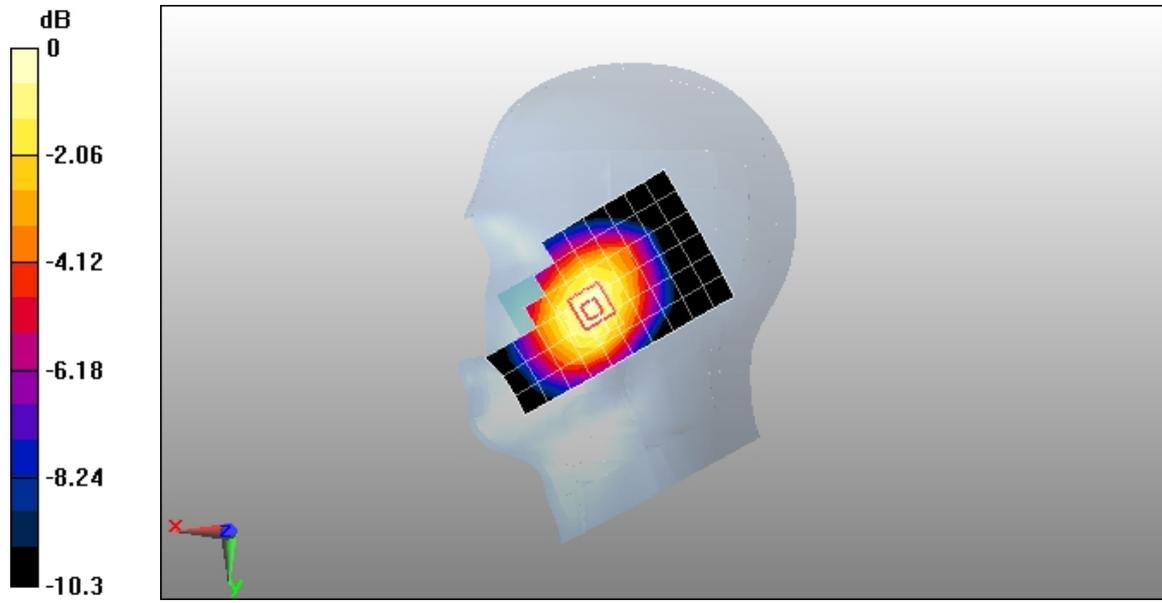
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.26 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.833 W/kg

**SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.469 mW/g**

Maximum value of SAR (measured) = 0.678 mW/g



0 dB = 0.678mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 190CH Right hand tilt 15 degree**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.904$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.06, 9.06, 9.06); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.533 mW/g

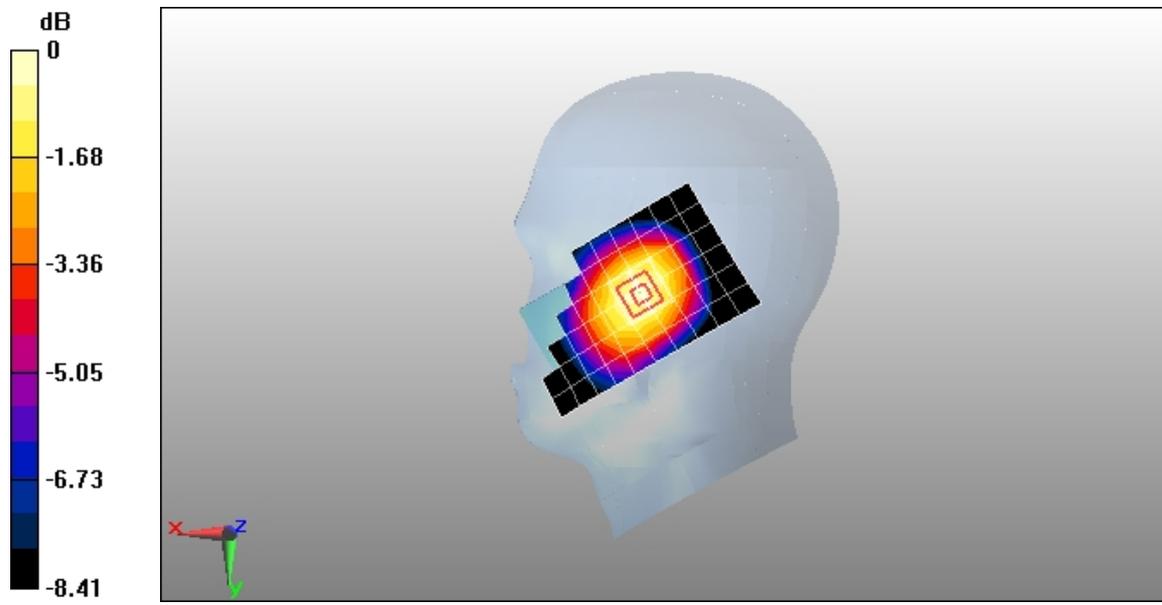
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.650 W/kg

**SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.380 mW/g**

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



0 dB = 0.537mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 GPRS 1TS 190CH Towards Phantom 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.796 mW/g

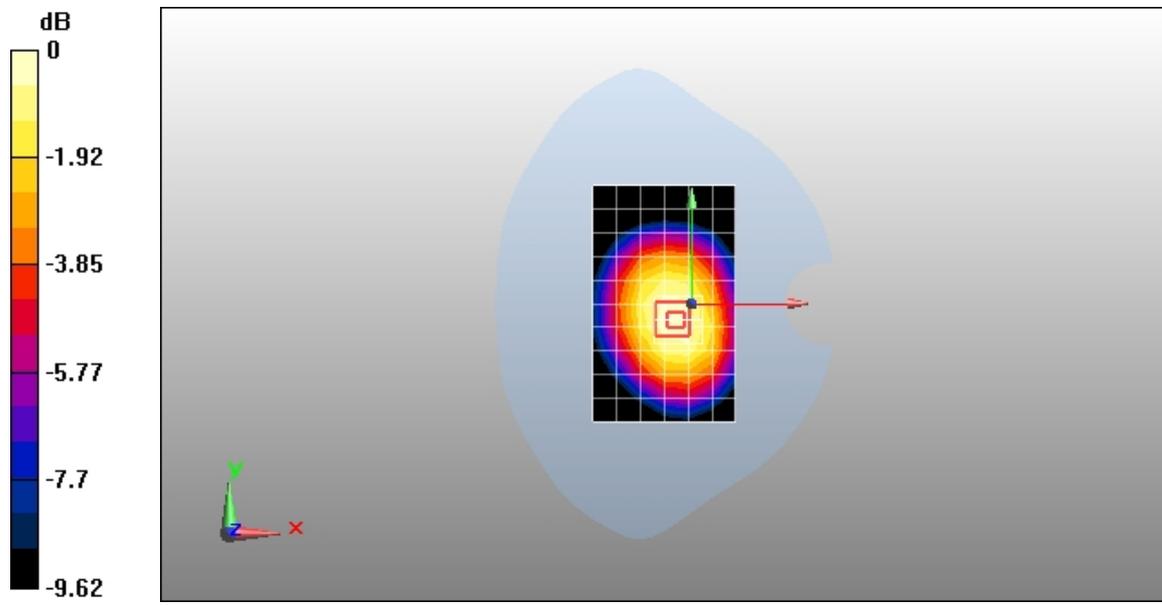
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.2 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.592 mW/g**

Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.834mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 GPRS 2TS 251CH Towards Phantom 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.932 mW/g

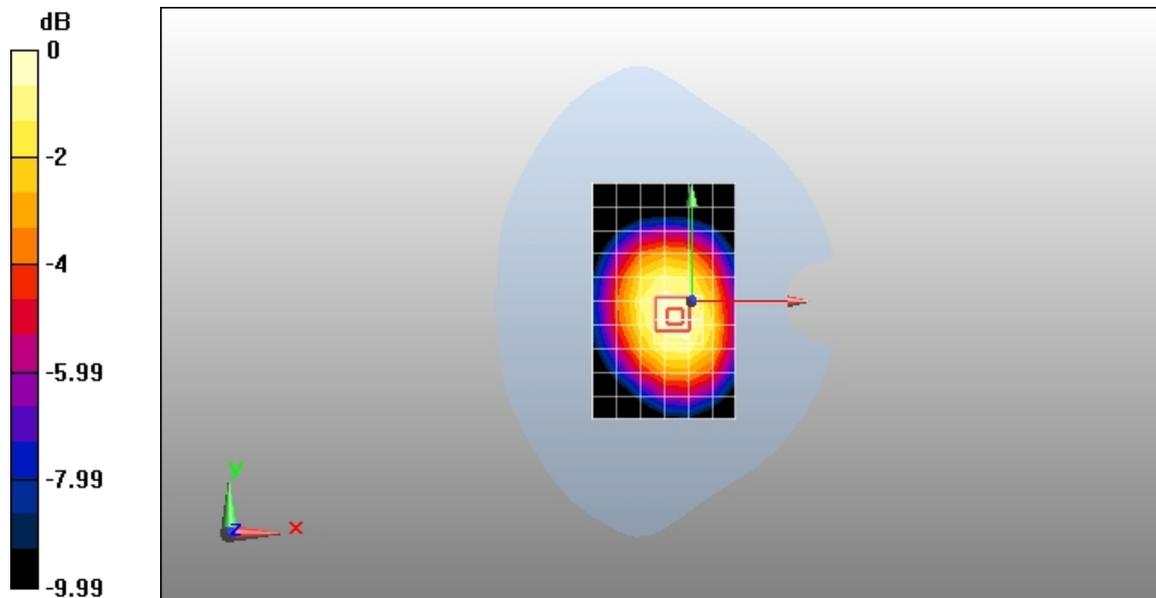
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.2 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.693 mW/g**

Maximum value of SAR (measured) = 0.975 mW/g



0 dB = 0.975mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 190CH Towards Phantom 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 mW/g

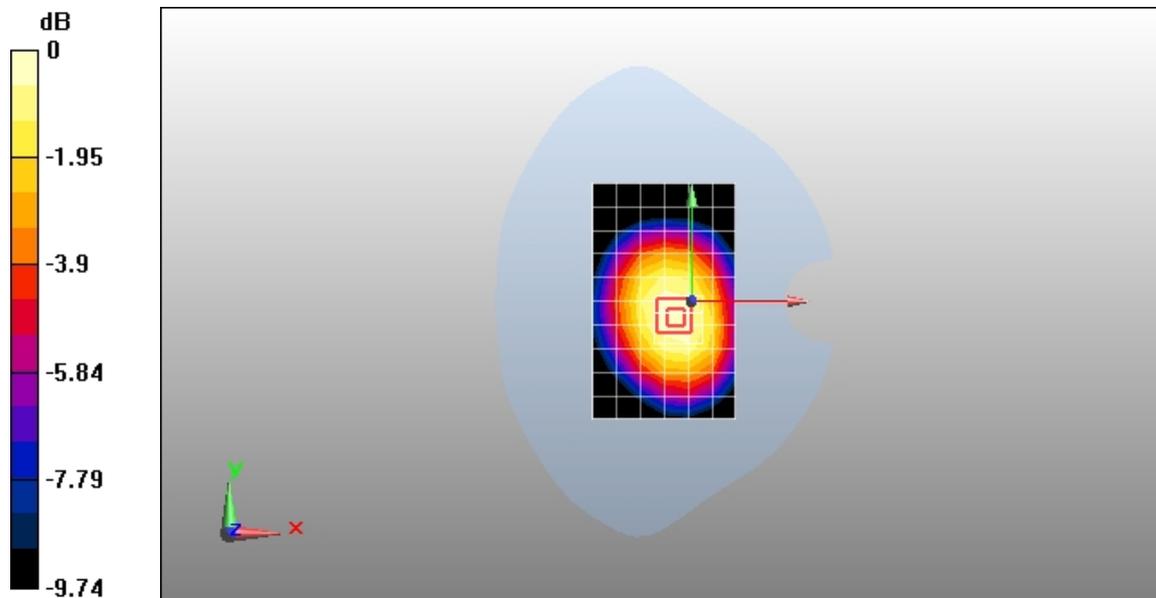
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.5 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.733 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 GPRS 2TS 128CH Towards Phantom 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.987$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.850 mW/g

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

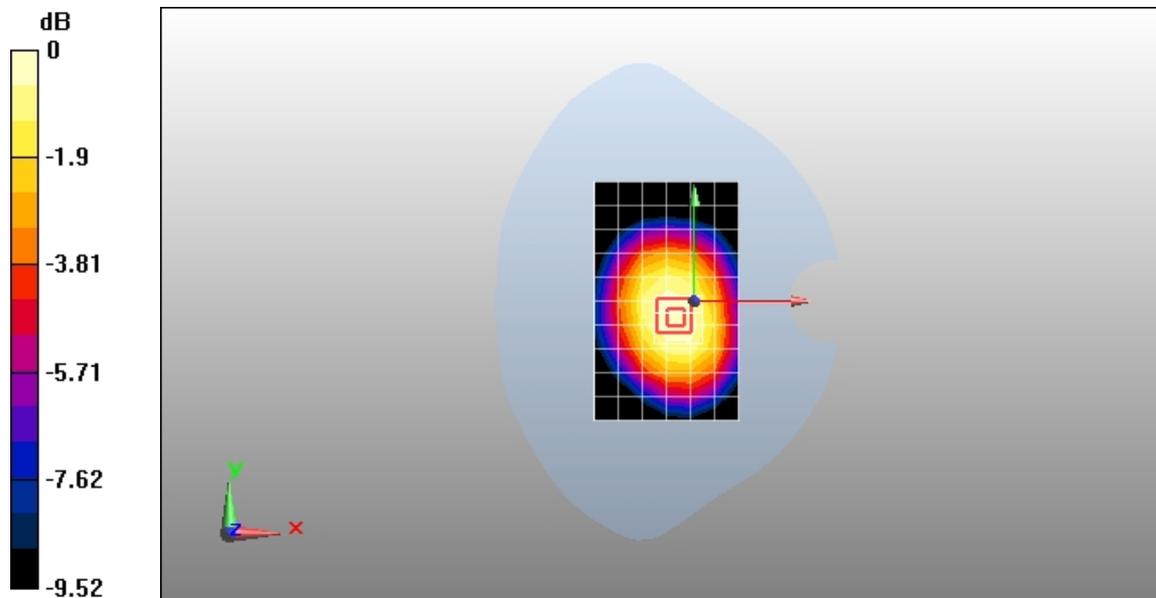
Reference Value = 29.3 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.625 mW/g**

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

Maximum value of SAR (measured) = 0.866 mW/g



0 dB = 0.866mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 251CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.24 mW/g

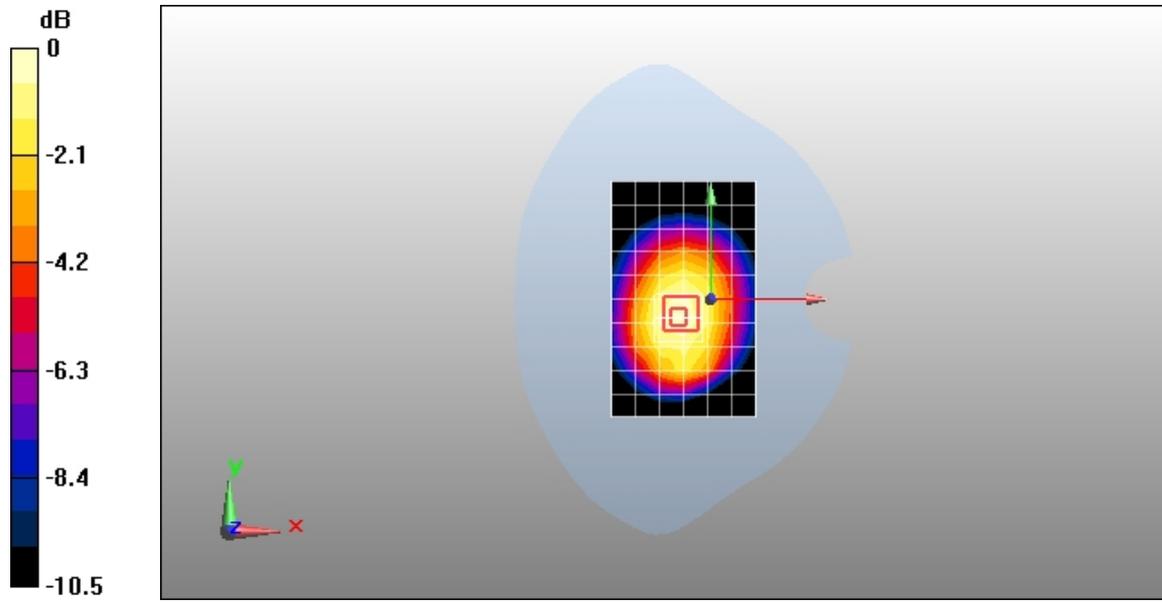
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.1 V/m; Power Drift = -0.00946 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.867 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 190CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.45 mW/g

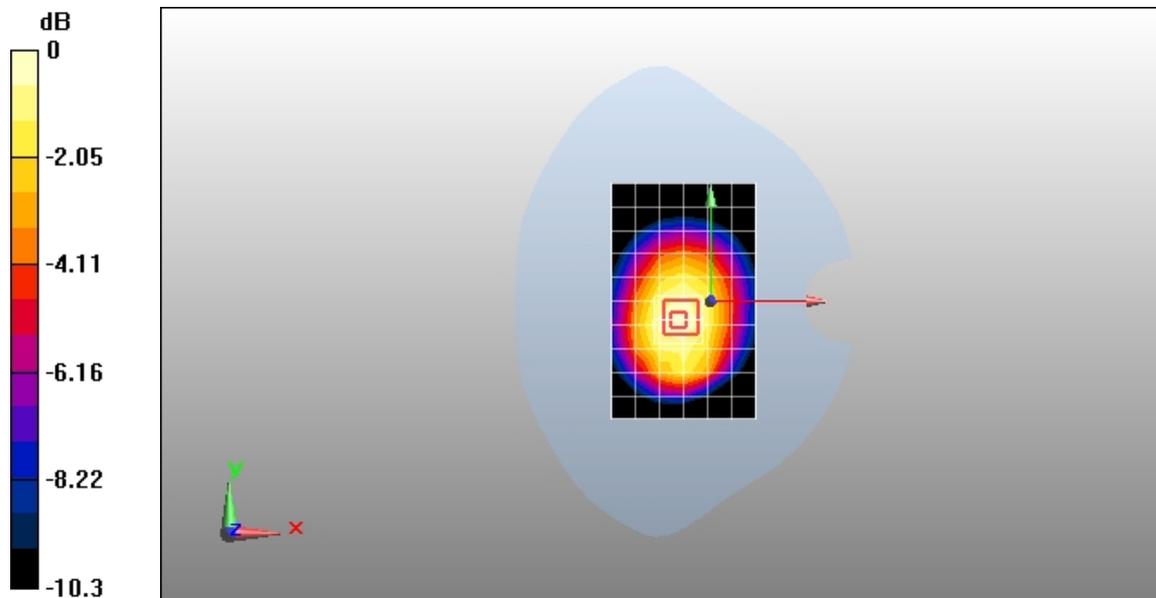
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 37.1 V/m; Power Drift = -0.159 dB

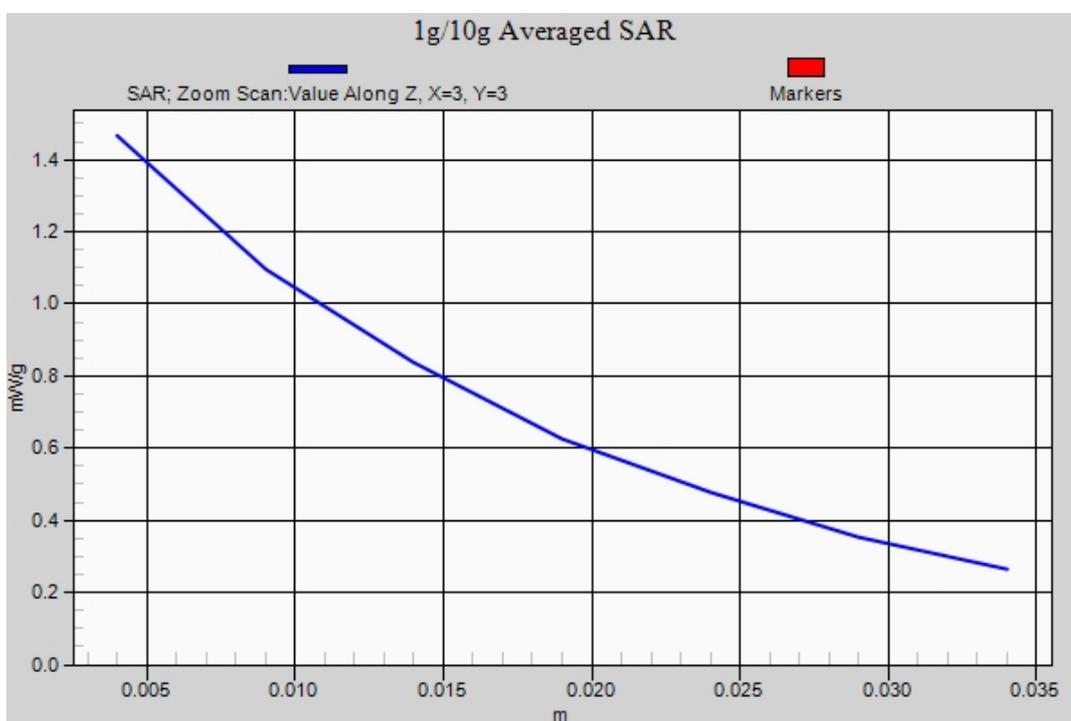
Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.38 mW/g; SAR(10 g) = 1 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47mW/g



Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 GPRS 2TS 128CH Towards Ground 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.987$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.35 mW/g

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

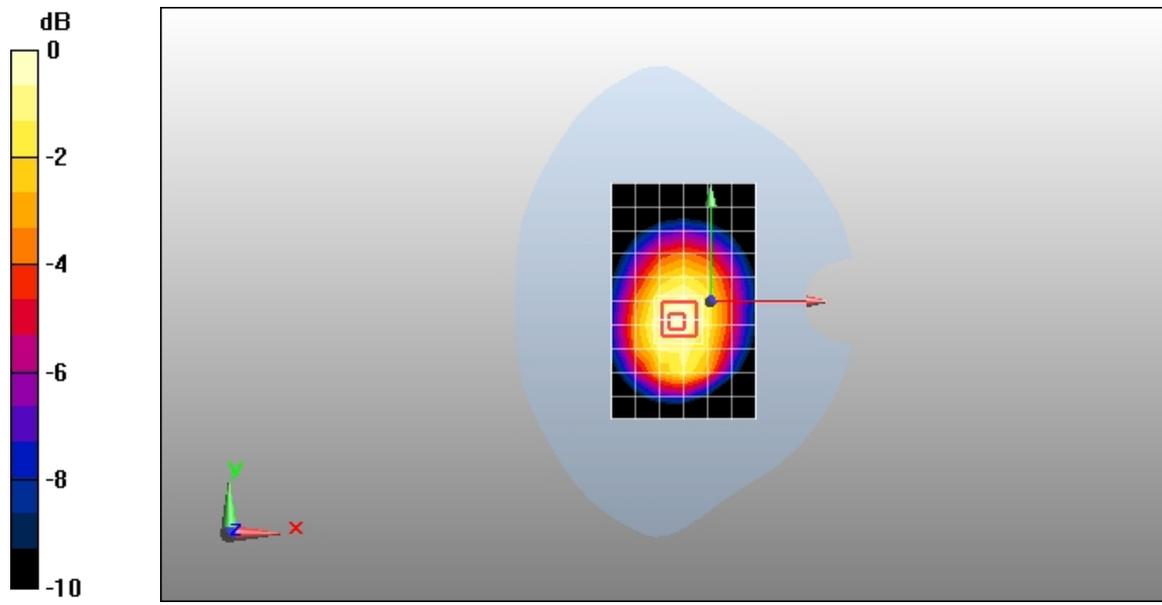
Reference Value = 35.6 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.940 mW/g**

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

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 251CH Left edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.872 mW/g

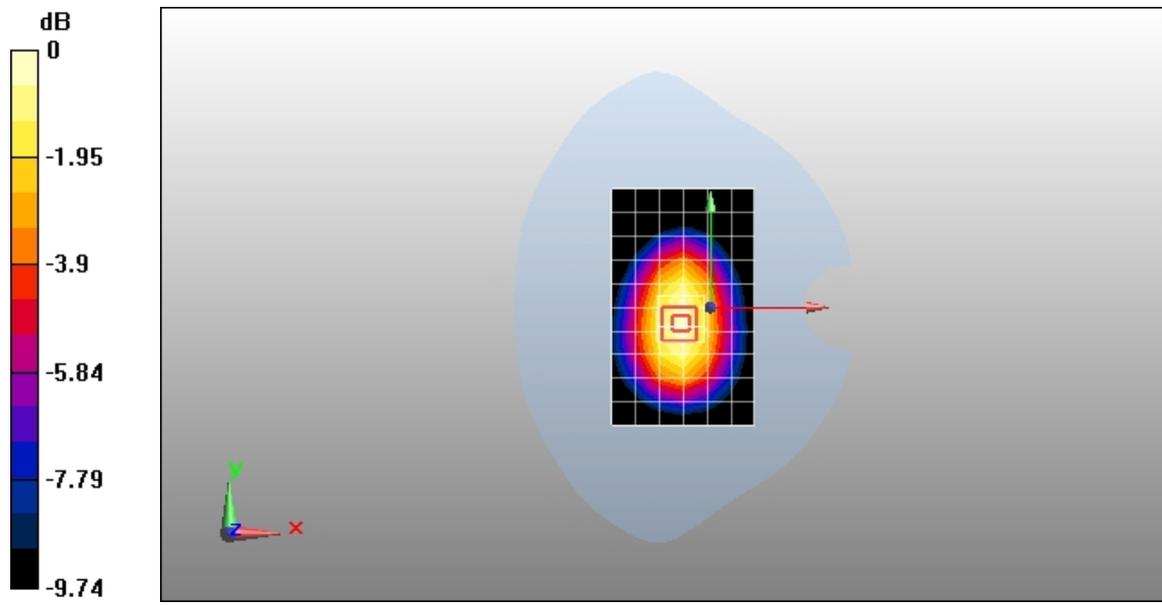
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.1 V/m; Power Drift = 3.79e-005 dB

Peak SAR (extrapolated) = 1.2 W/kg

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.573 mW/g**

Maximum value of SAR (measured) = 0.893 mW/g



0 dB = 0.893mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 190CH Left edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.911 mW/g

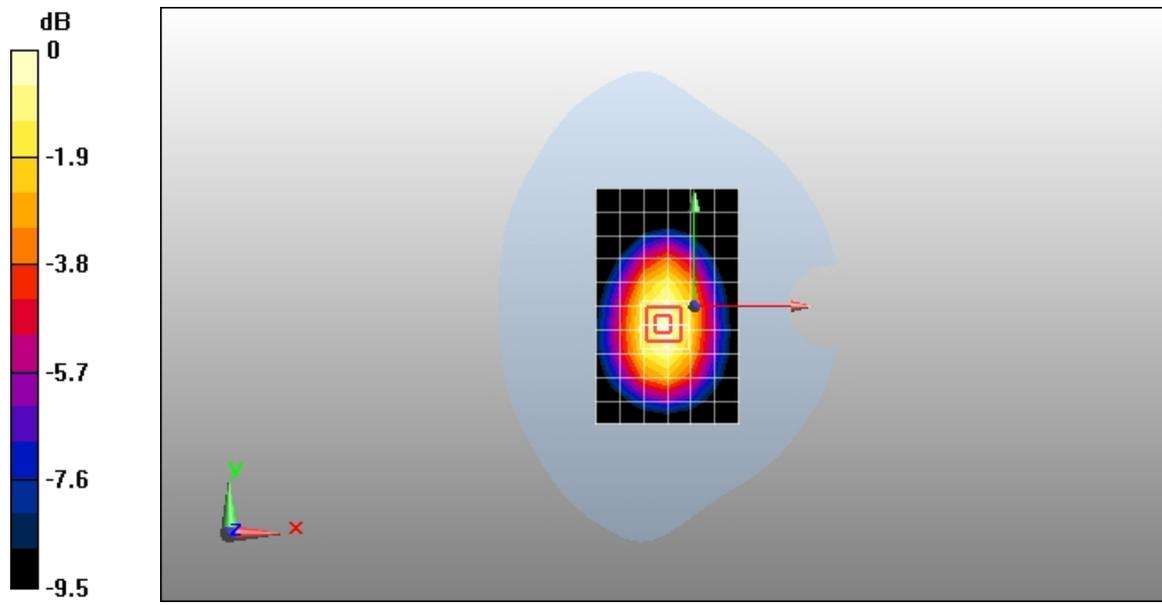
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.591 mW/g**

Maximum value of SAR (measured) = 0.915 mW/g



0 dB = 0.915mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 GPRS 2TS 128CH Left edge 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.987$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.745 mW/g

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

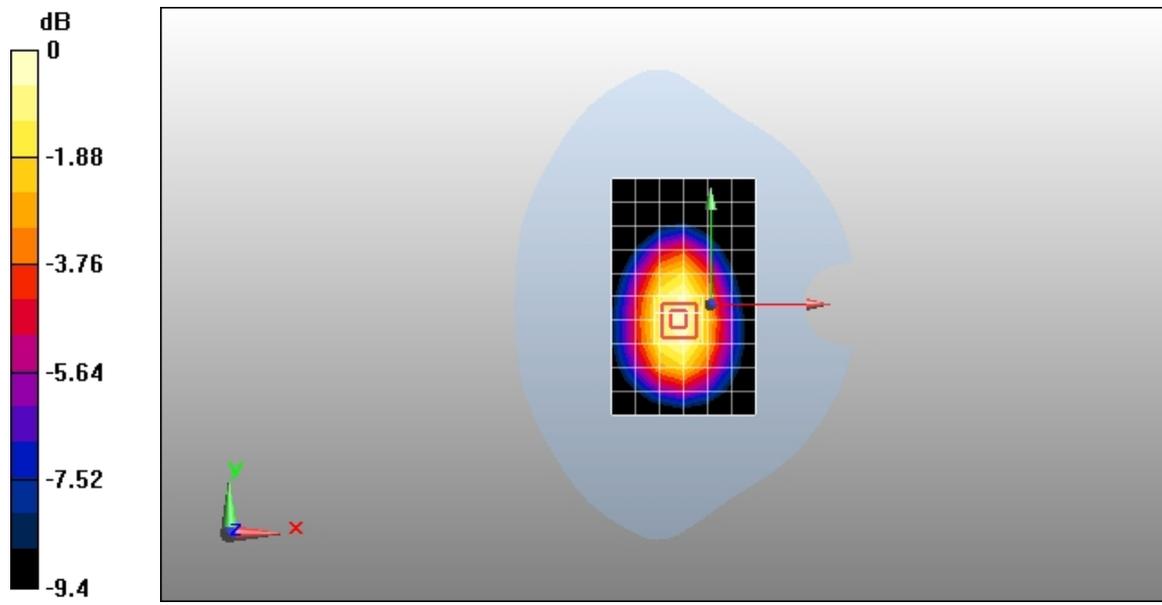
Reference Value = 27 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.487 mW/g**

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

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



0 dB = 0.750mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 251CH Right edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.996 mW/g

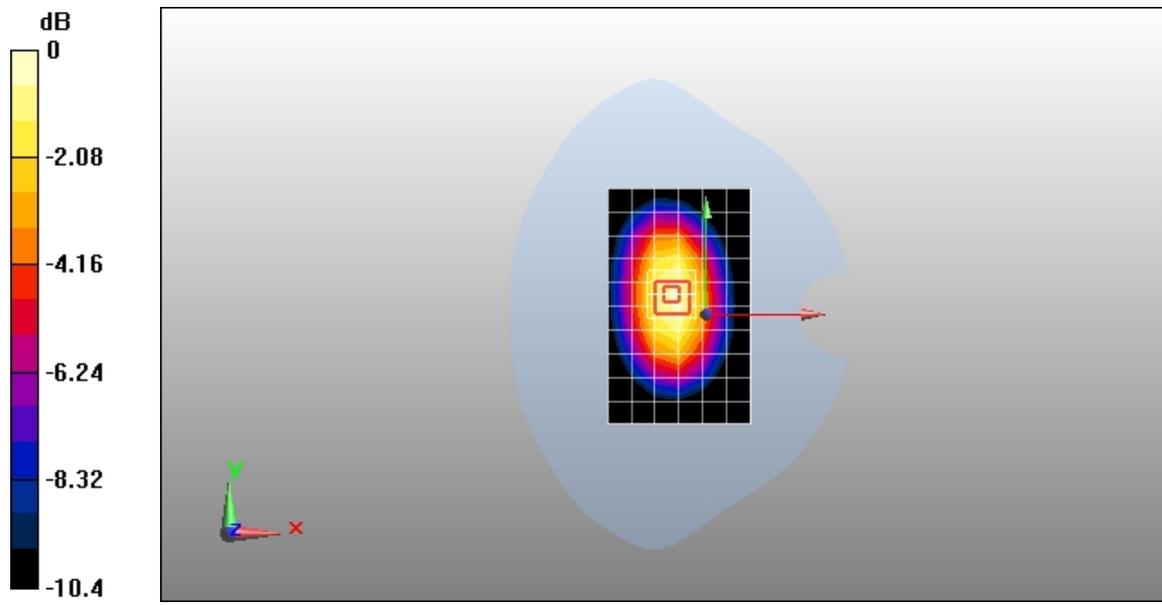
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.7 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.669 mW/g**

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



0 dB = 1.08mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 190CH Right edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.891 mW/g

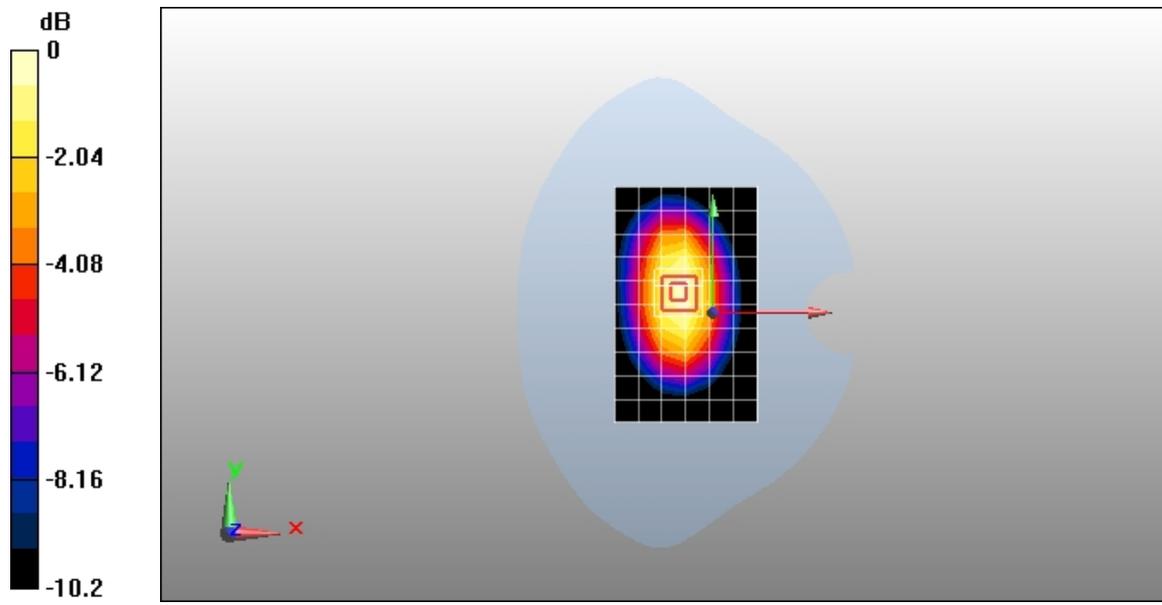
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.596 mW/g**

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



0 dB = 0.948mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 GPRS 2TS 128CH Right edge 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.987$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.645 mW/g

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

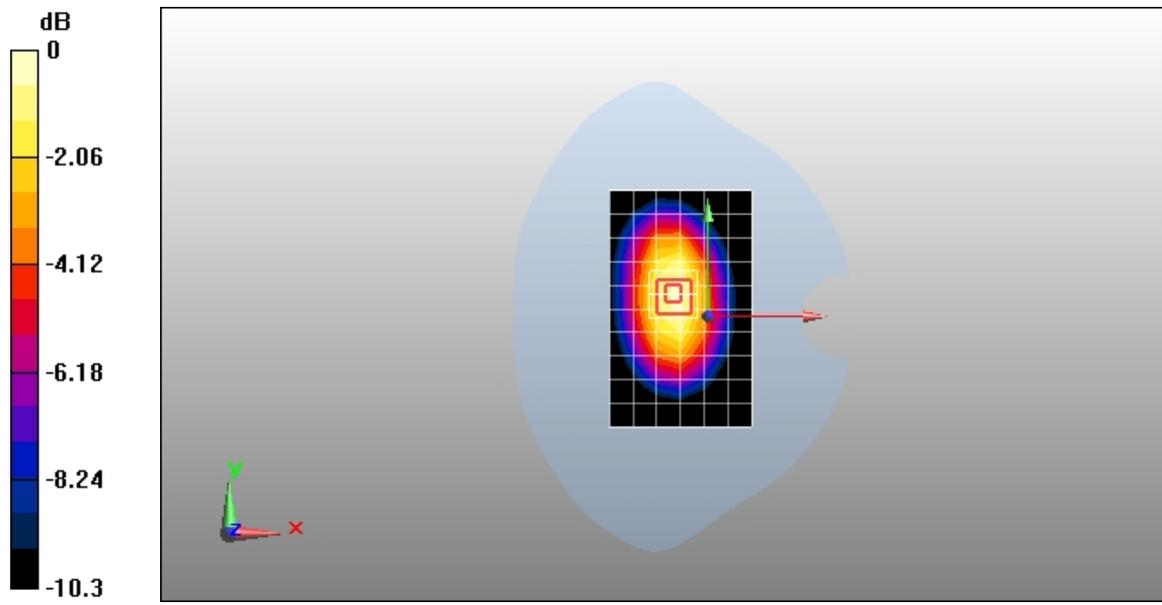
Reference Value = 24.8 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.950 W/kg

**SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.427 mW/g**

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

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



0 dB = 0.687mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 GPRS 2TS 190CH Bottom edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.140 mW/g

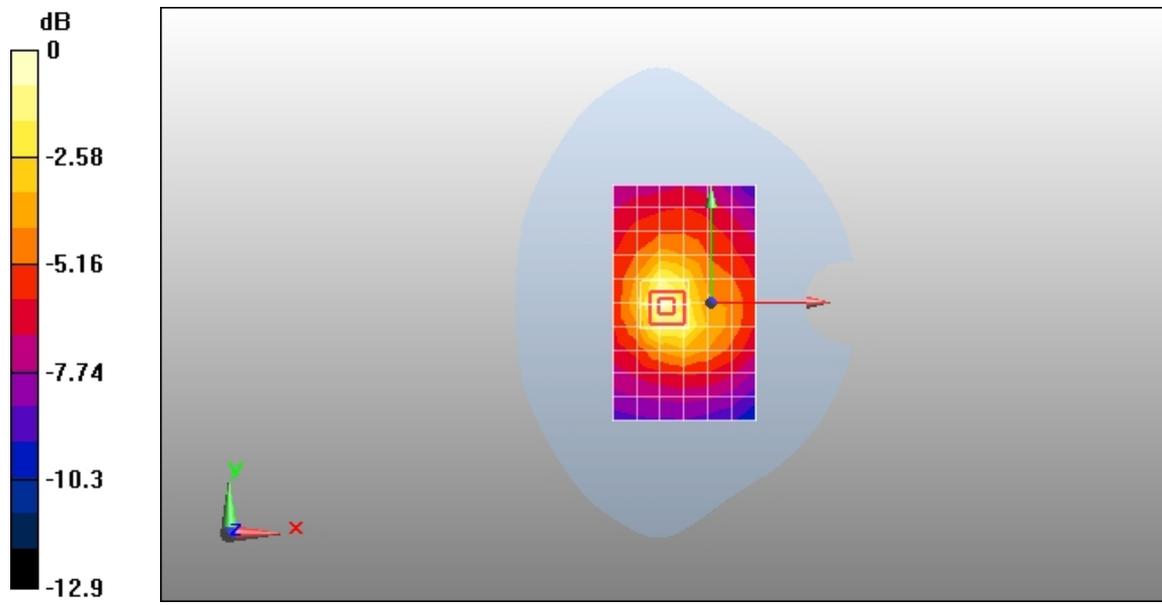
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.8 V/m; Power Drift = 0.00197 dB

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 EGPRS 1TS 251CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.04 mW/g

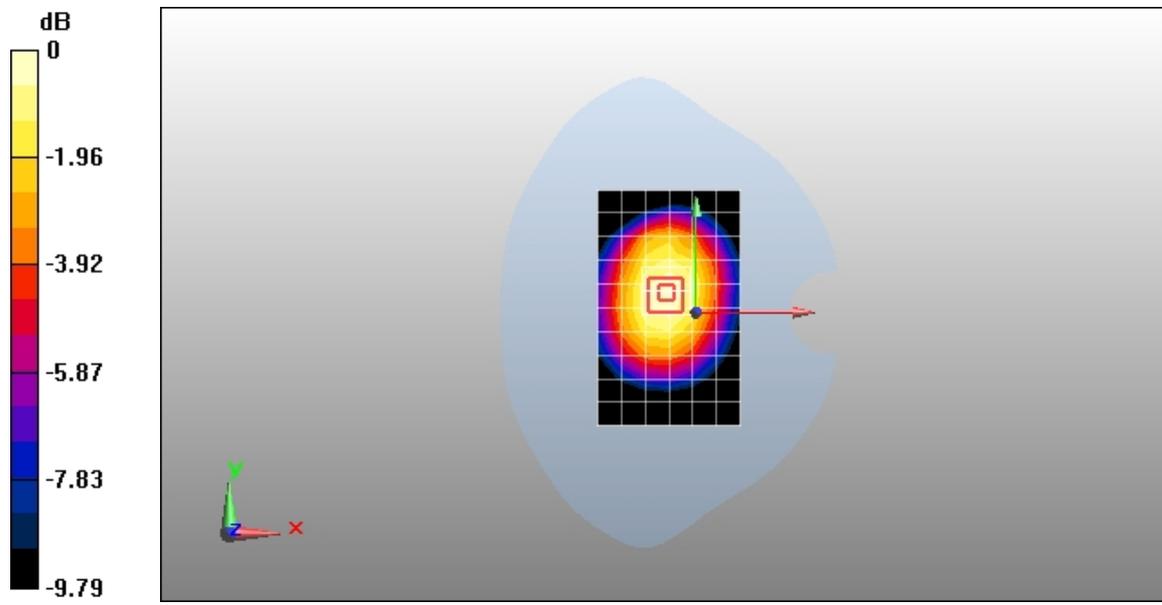
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31 V/m; Power Drift = 0.00669 dB

Peak SAR (extrapolated) = 1.33 W/kg

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

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 EGPRS 1TS 190CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.17 mW/g

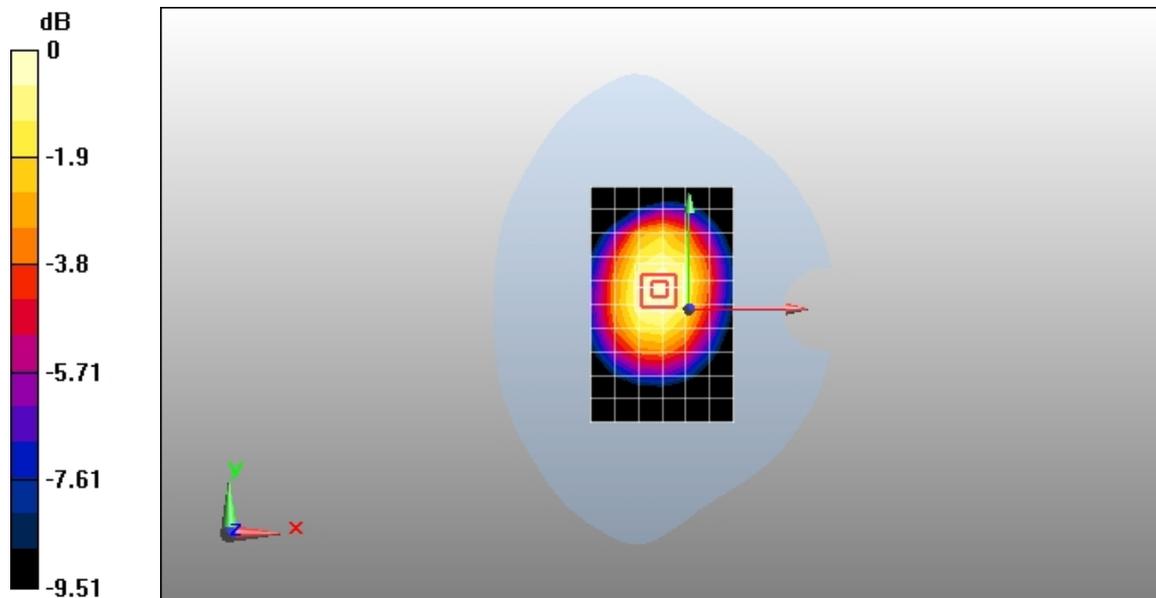
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.2 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.831 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 1.19mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 EGPRS 1TS 128CH Towards Ground 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.987$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.04 mW/g

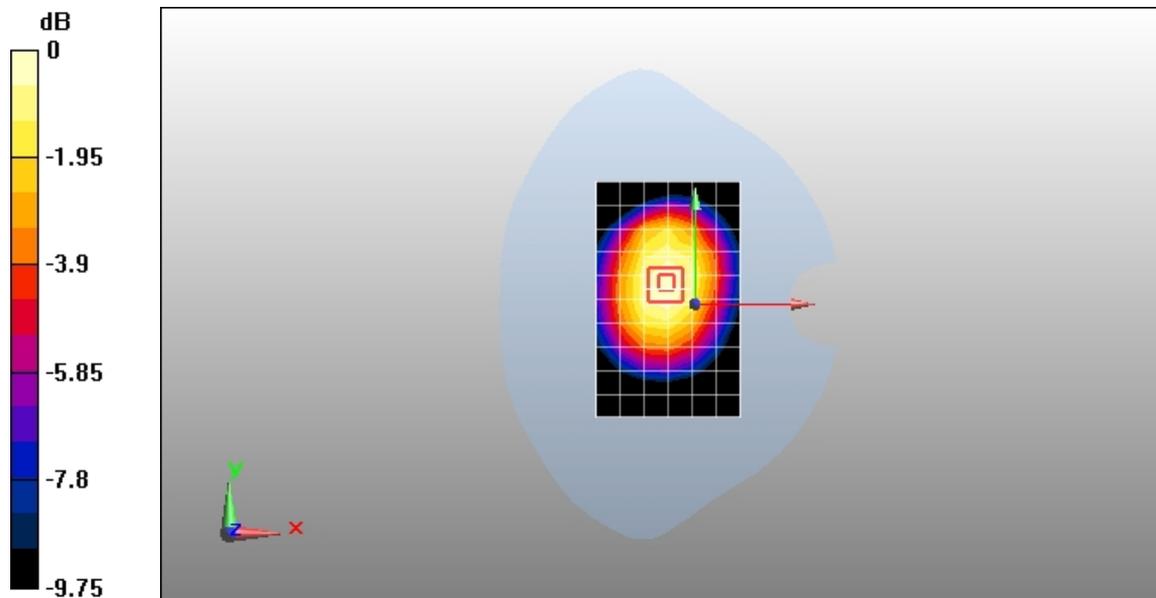
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.1 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.3 W/kg

**SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.729 mW/g**

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



0 dB = 1.04mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 EGPRS 2TS 251CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.12 mW/g

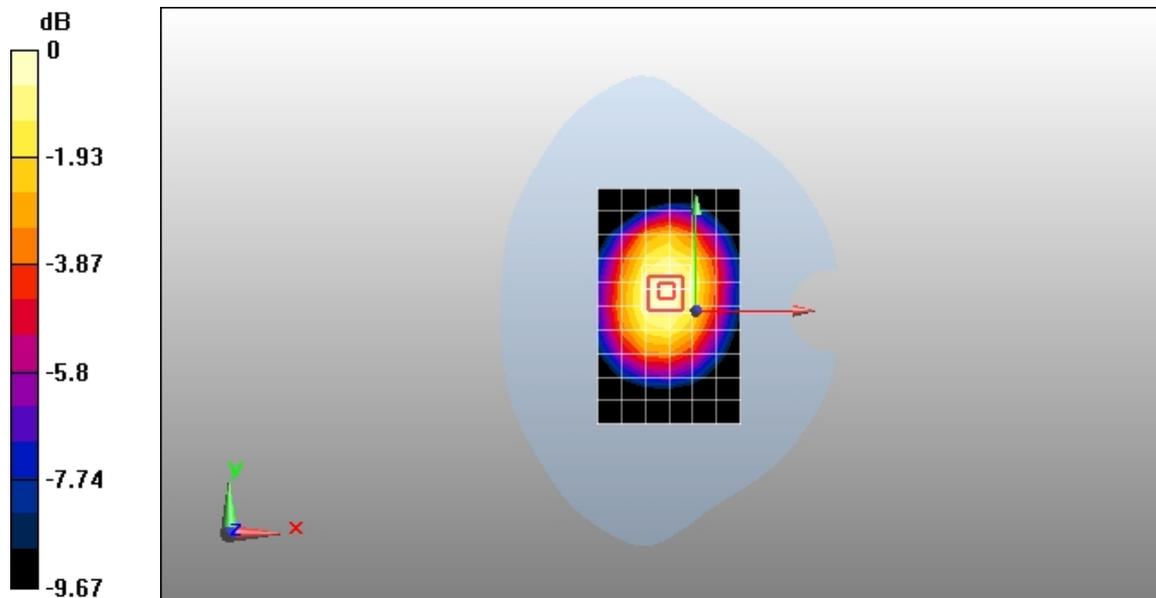
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.2 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.788 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 EGPRS 2TS 190CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.26 mW/g

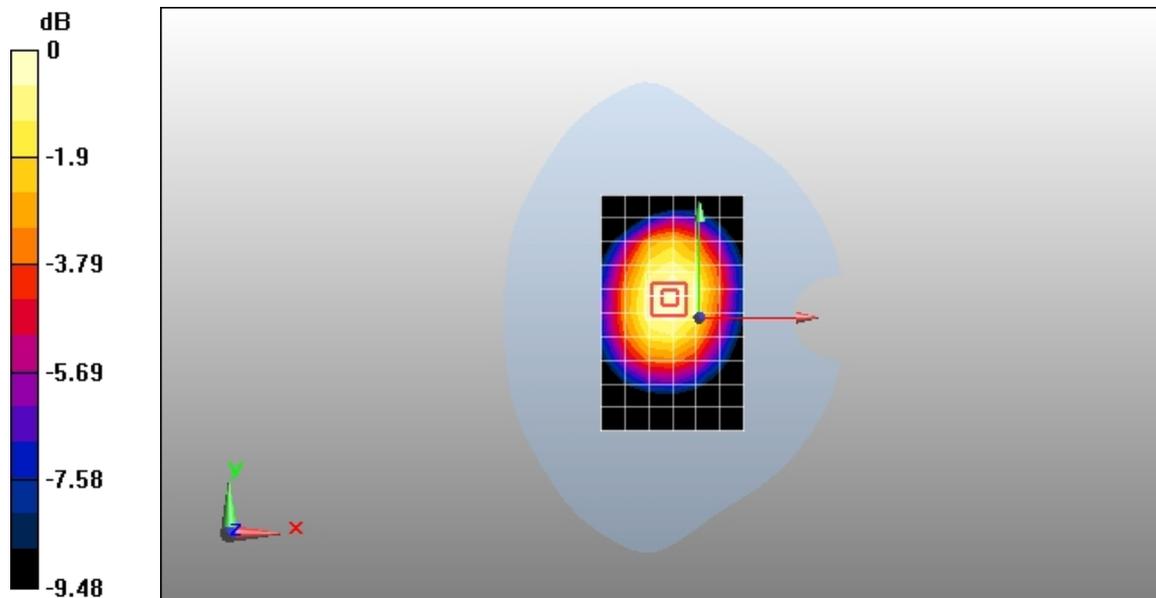
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.4 V/m; Power Drift = -0.092 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.883 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM850 EGPRS 2TS 128CH Towards Ground 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.987$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 mW/g

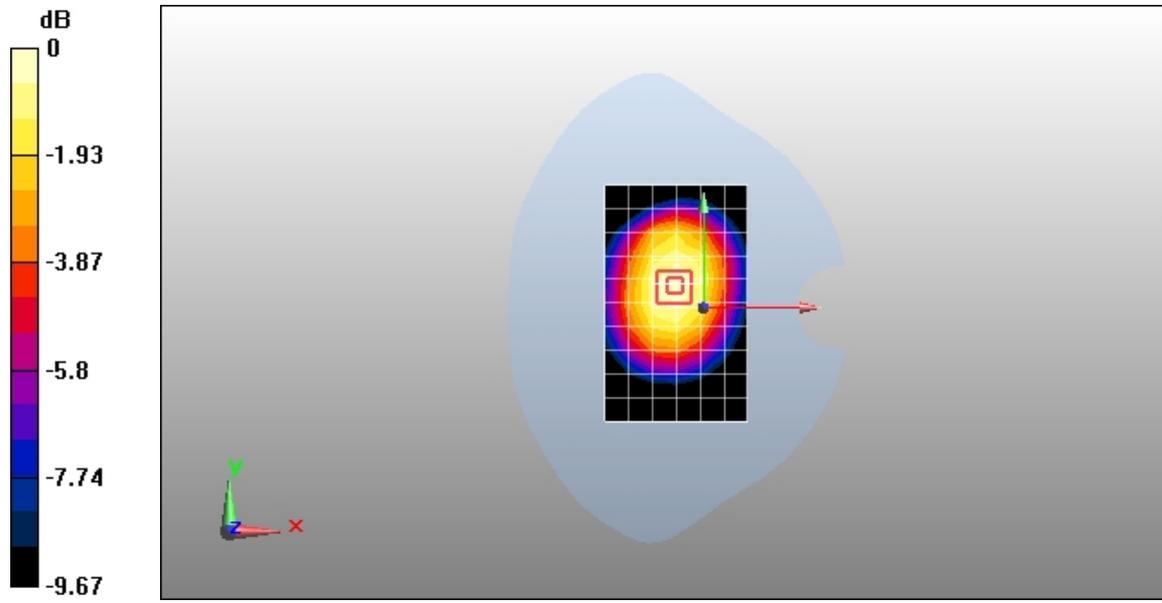
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.9 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.773 mW/g**

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



0 dB = 1.11mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM850 190CH Toward Ground 10mm with Headset**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 53.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.07, 9.07, 9.07); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

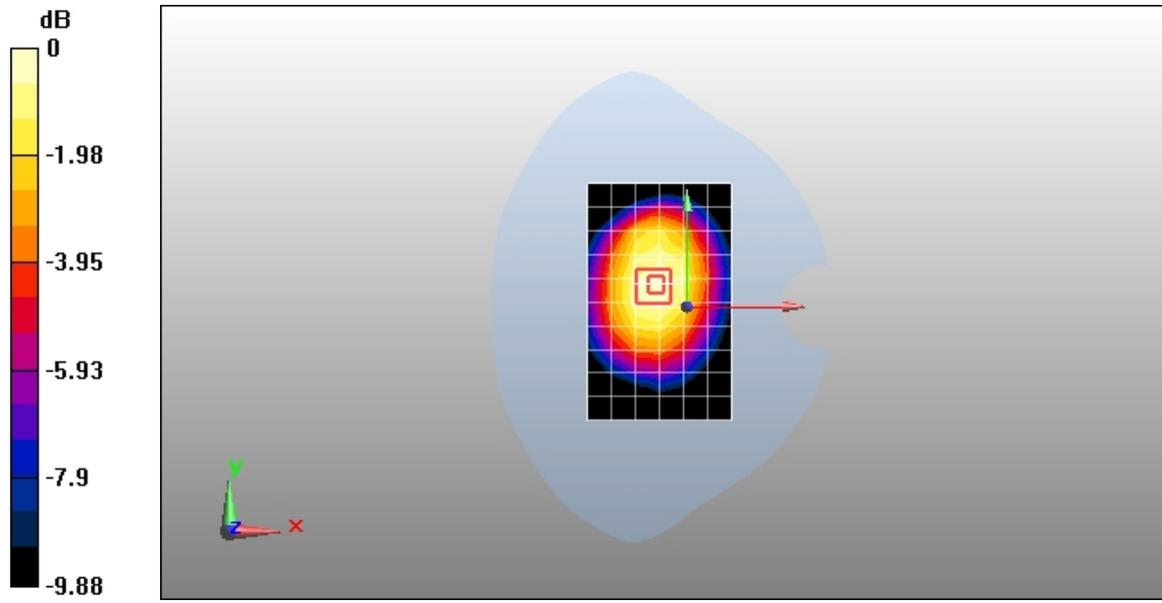
Maximum value of SAR (measured) = 1.02 mW/g

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

Reference Value = 30.1 V/m; Power Drift = 0.00336 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.704 mW/g**



0 dB = 1.02mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 WCDMA1700 1413CH Towards Phantom 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.562 mW/g

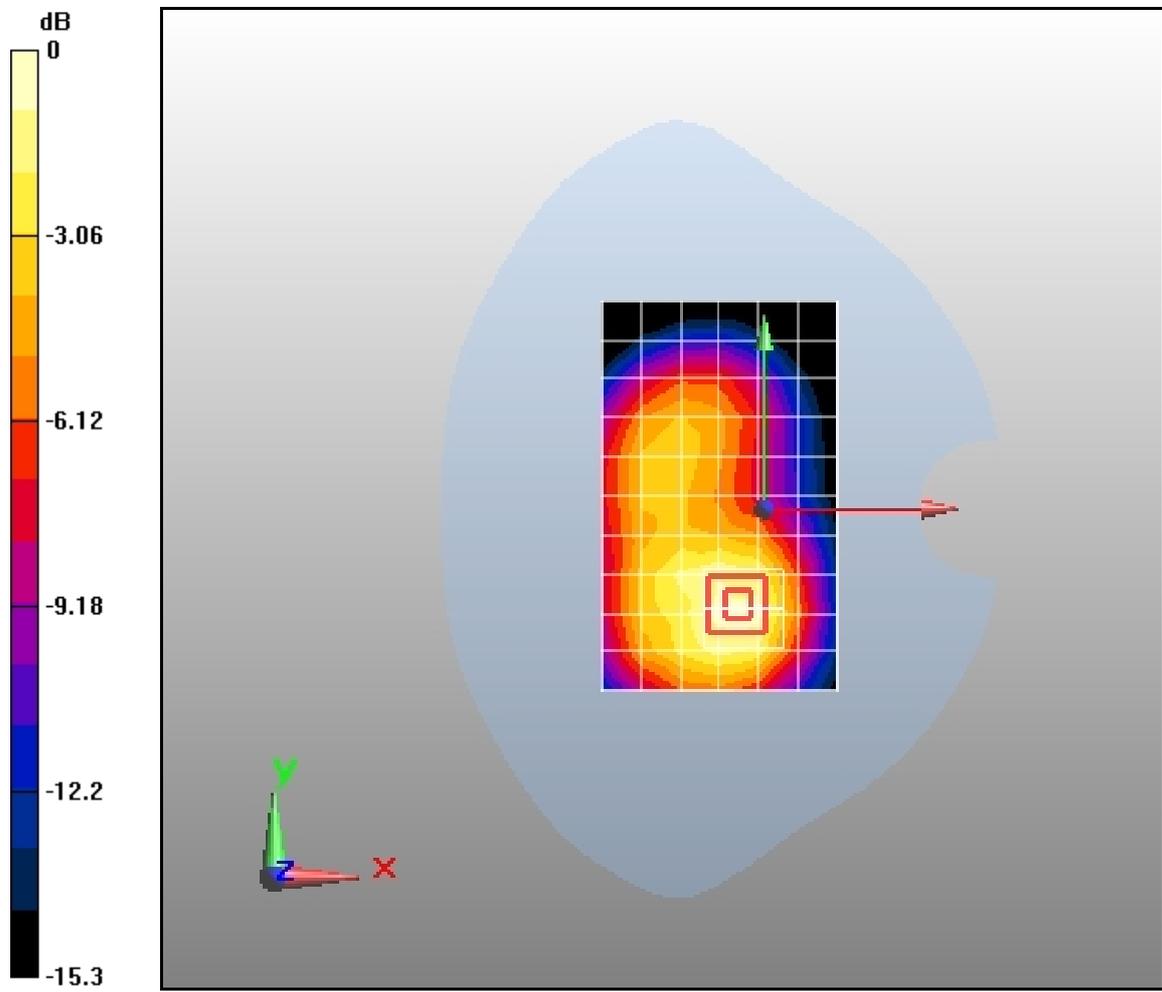
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.936 W/kg

**SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.344 mW/g**

Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.627mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 WCDMA1700 1413CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.507 mW/g

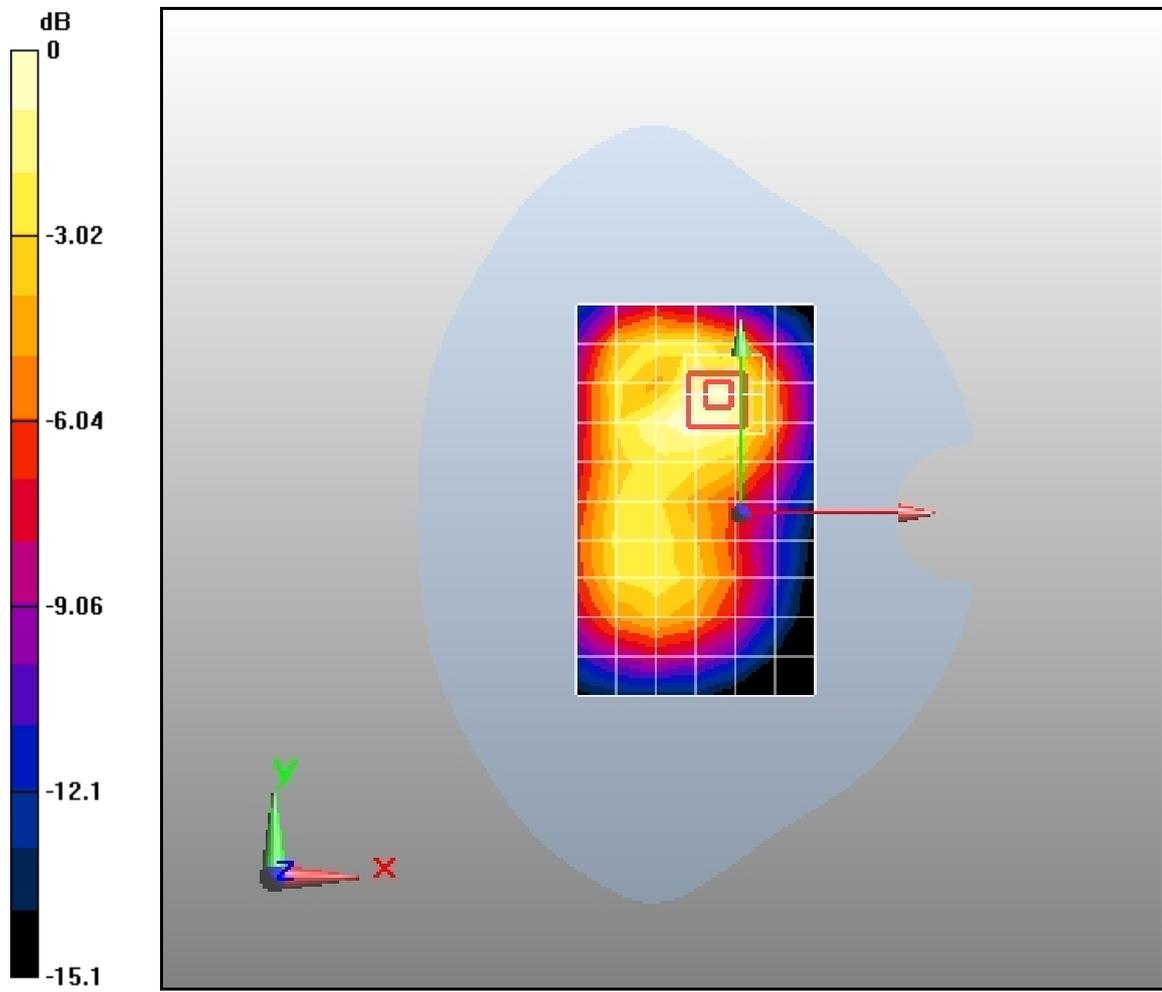
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.828 W/kg

**SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.557 mW/g



0 dB = 0.557mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 WCDMA1700 1413CH Left edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.263 mW/g

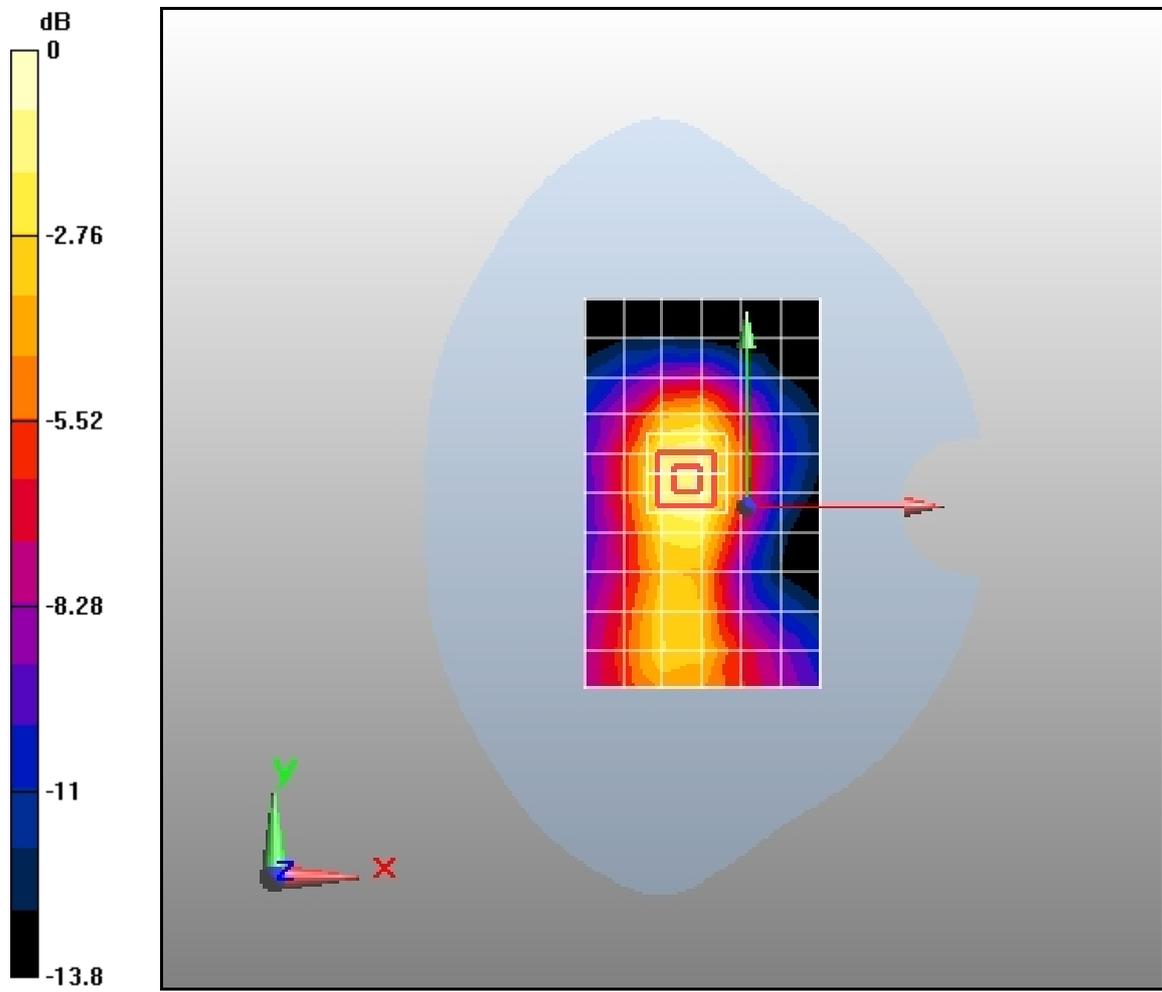
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.464 W/kg

**SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 0.312 mW/g



0 dB = 0.312mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 WCDMA1700 1413CH Right edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

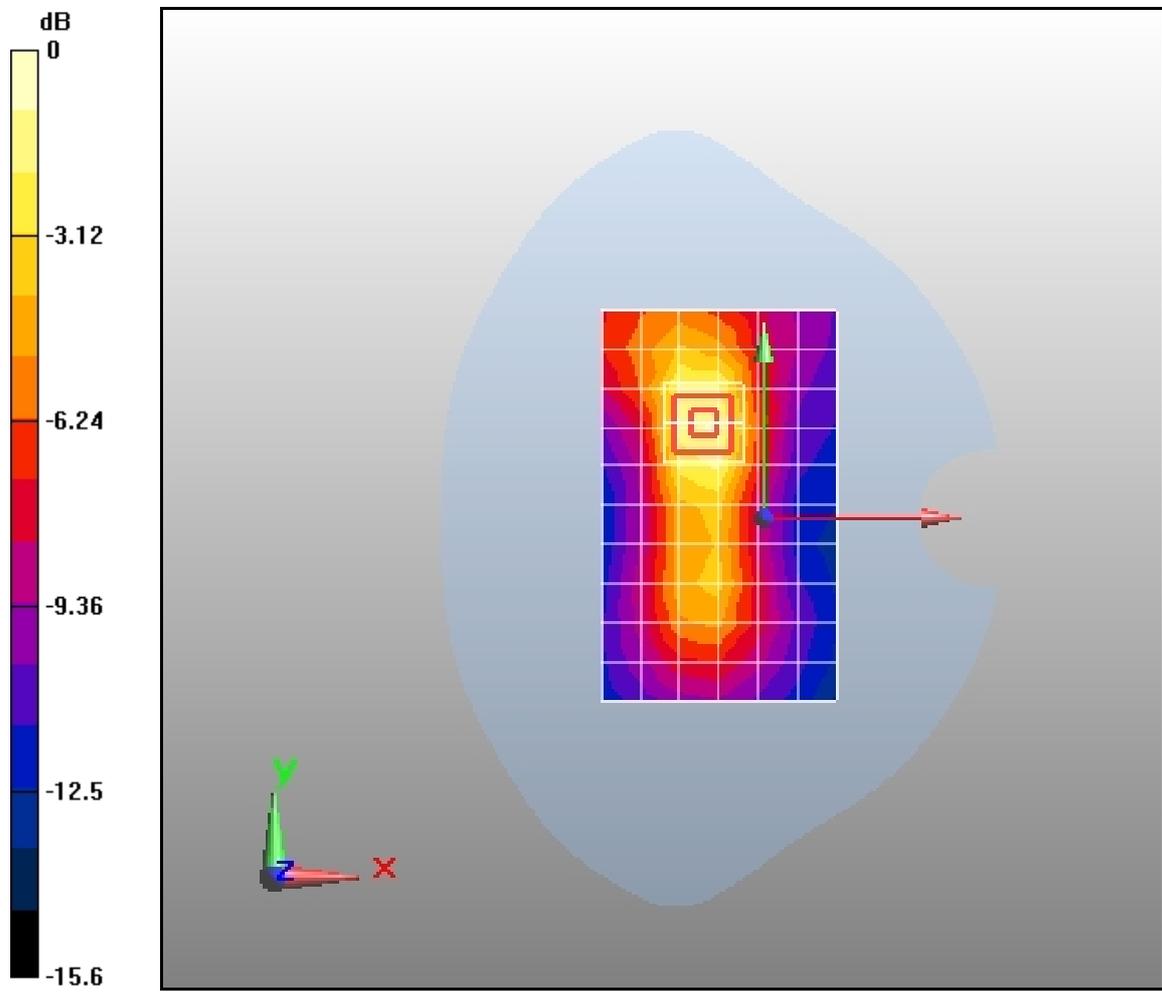
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.44 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.215 mW/g



0 dB = 0.215mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 WCDMA1700 1413CH Bottom edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.474 mW/g

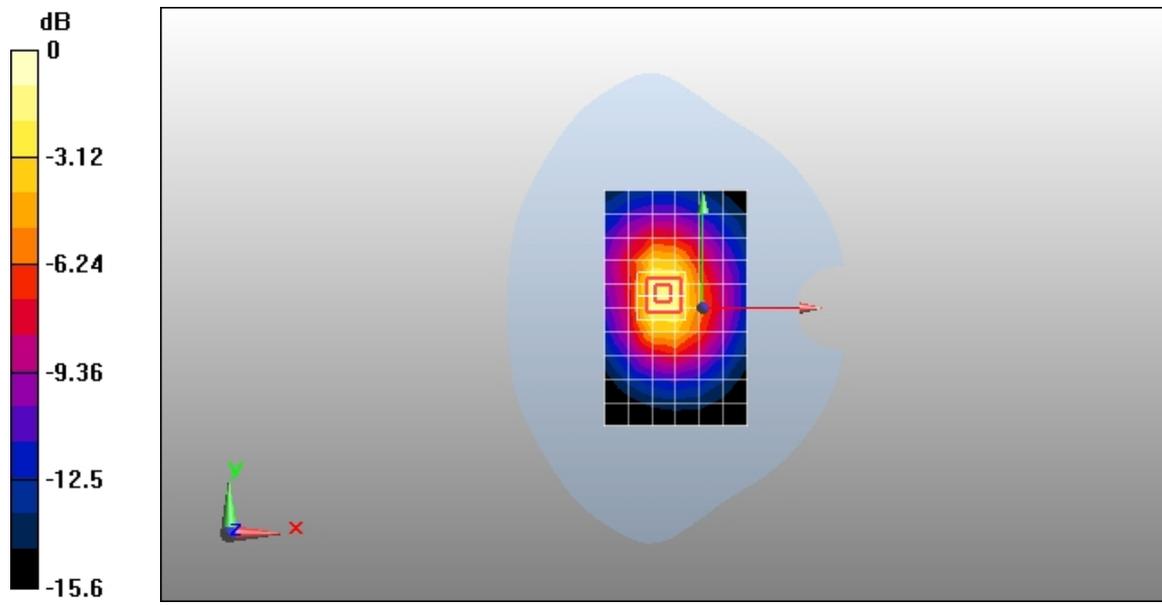
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.976 W/kg

**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.331 mW/g**

Maximum value of SAR (measured) = 0.665 mW/g



0 dB = 0.665mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 WCDMA1700 1413CH Bottom edge 10mm with HSDPA**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.466 mW/g

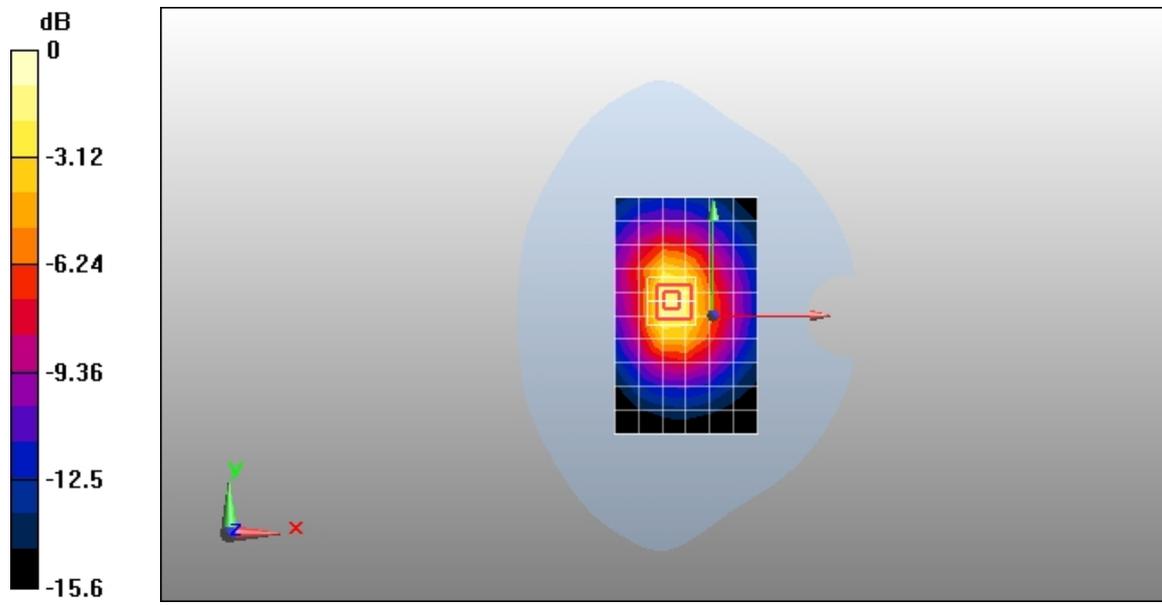
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.888 W/kg

**SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.304 mW/g**

Maximum value of SAR (measured) = 0.616 mW/g



0 dB = 0.616mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 WCDMA1700 1413CH Bottom edge 10mm with Headset**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -UMTS-FDD; Frequency: 1732.6 MHz

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.48, 7.48, 7.48); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.507 mW/g

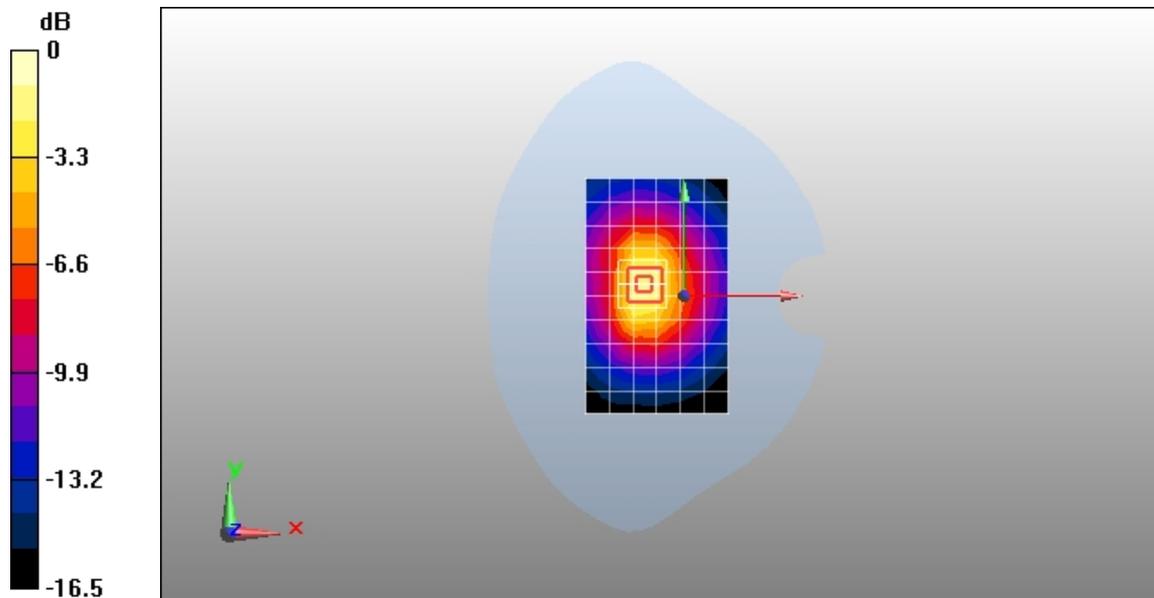
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = 0.00662 dB

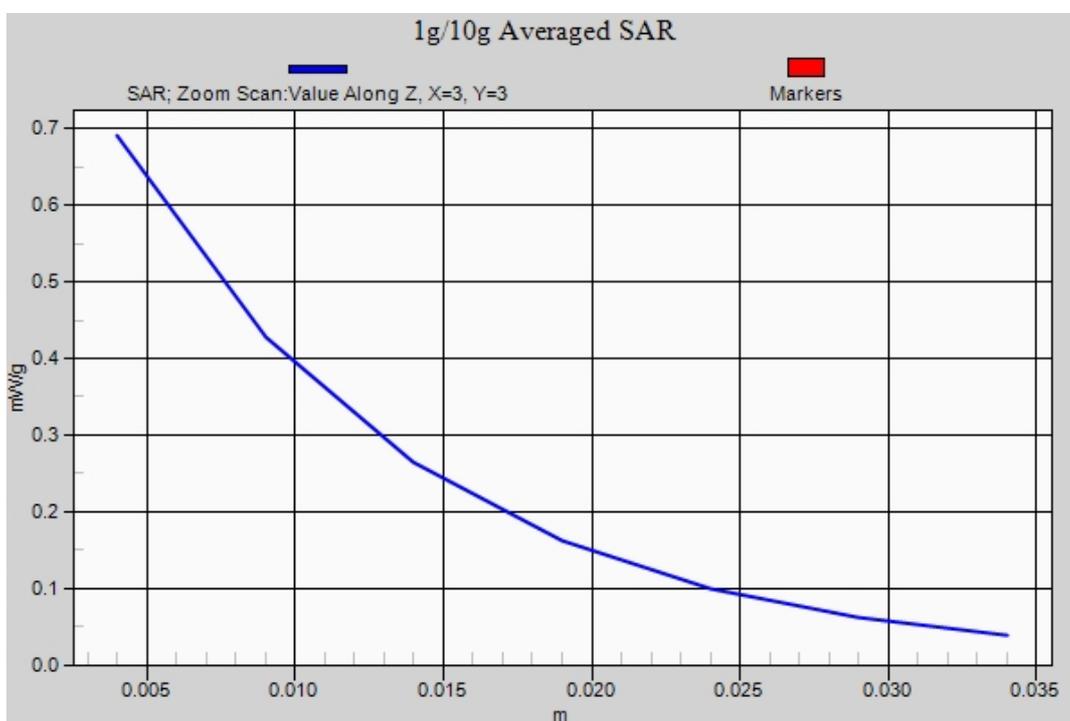
Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.691 mW/g



0 dB = 0.691mW/g



Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 1TS 661CH Towards Phantom 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

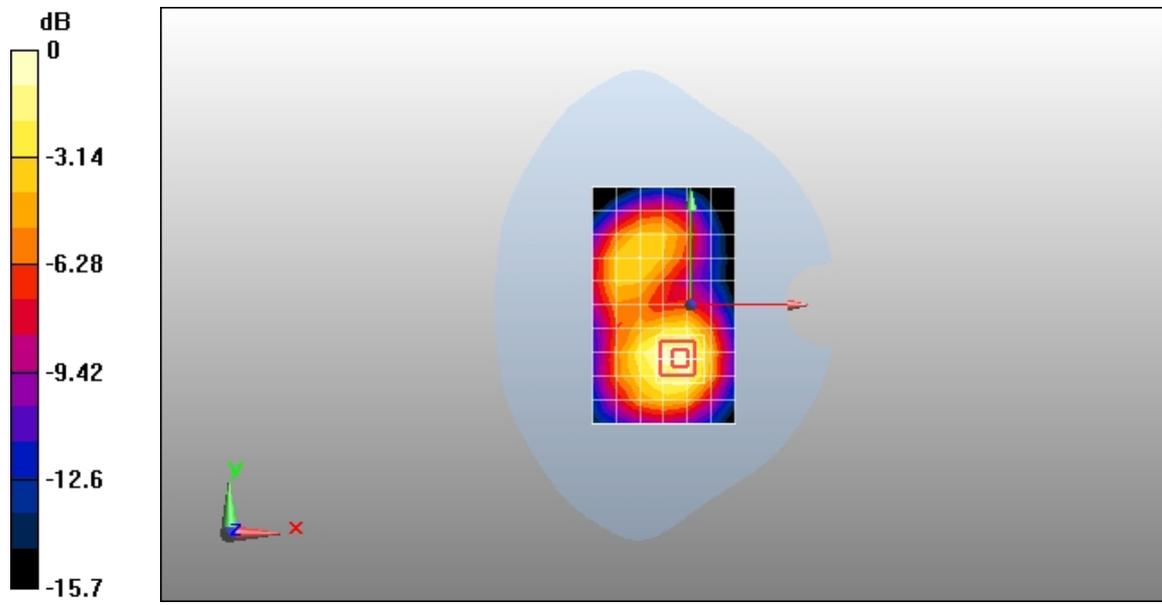
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.23 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.641 W/kg

**SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.230 mW/g**

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



0 dB = 0.420mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 2TS 661CH Towards Phantom 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.788 mW/g

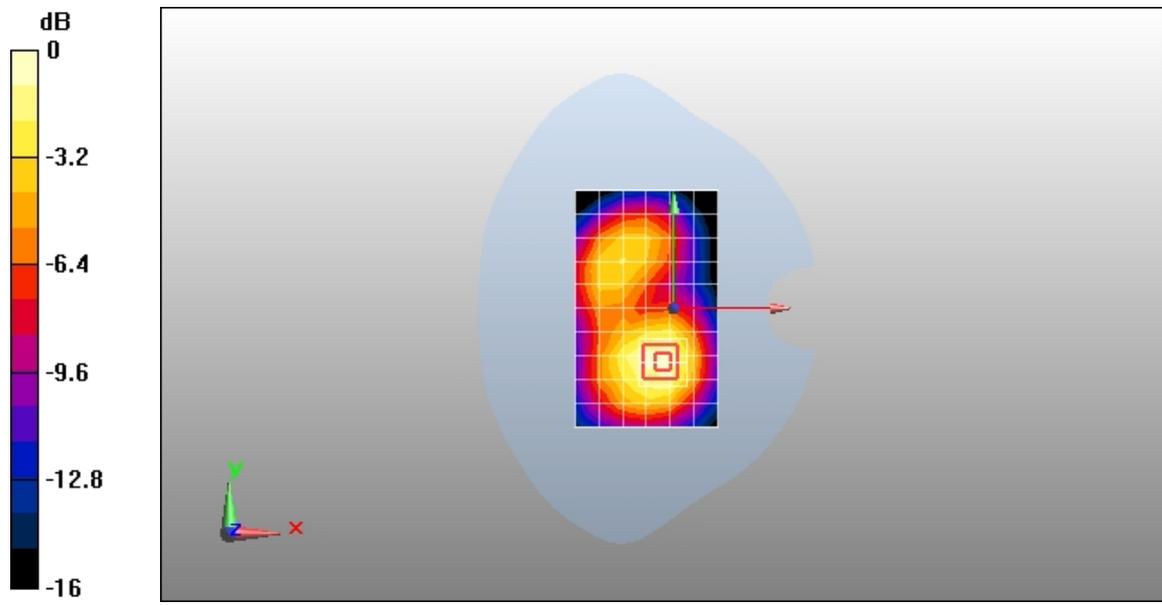
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.452 mW/g**

Maximum value of SAR (measured) = 0.829 mW/g



Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 2TS 661CH Left edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.365 mW/g

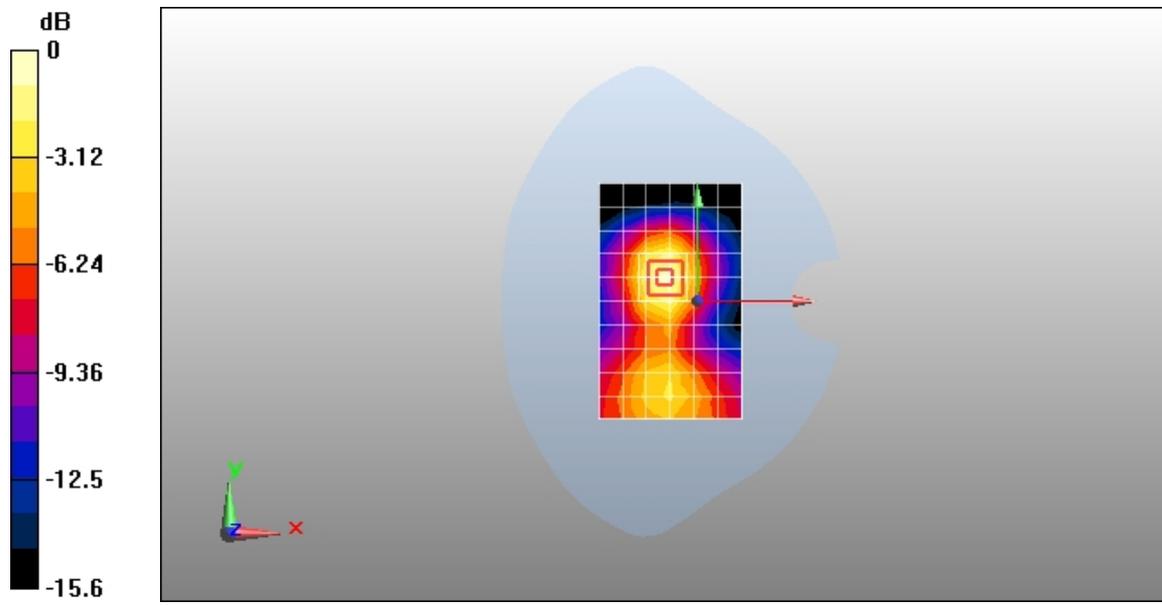
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.574 W/kg

**SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.202 mW/g**

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



Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 2TS 661CH Right edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.456 mW/g

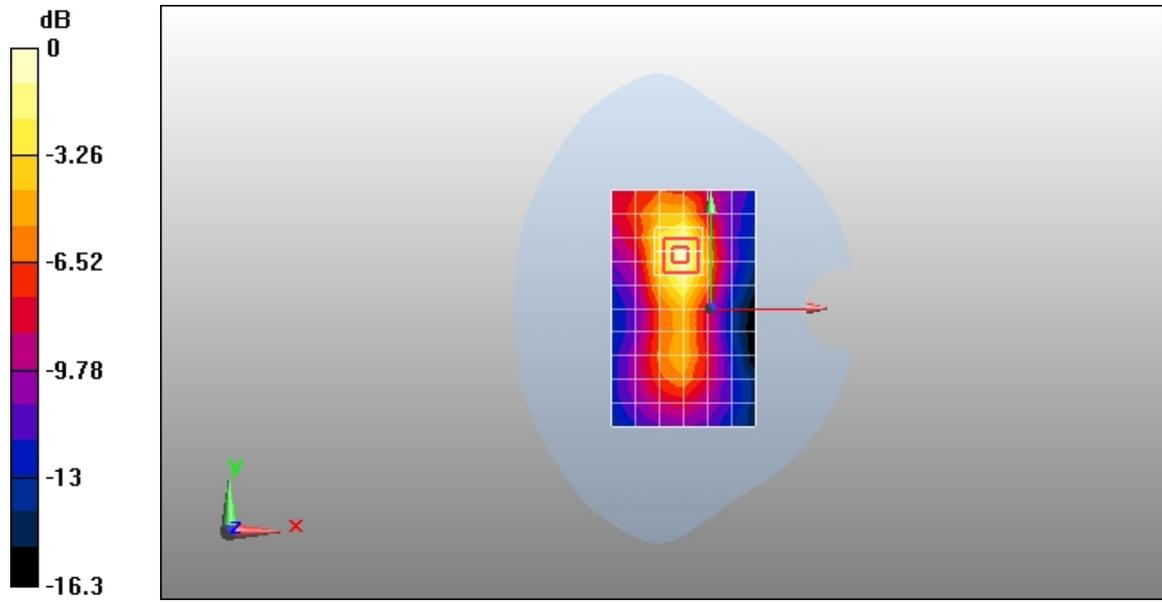
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.719 W/kg

**SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.236 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.467mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 2TS 810CH Bottom edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

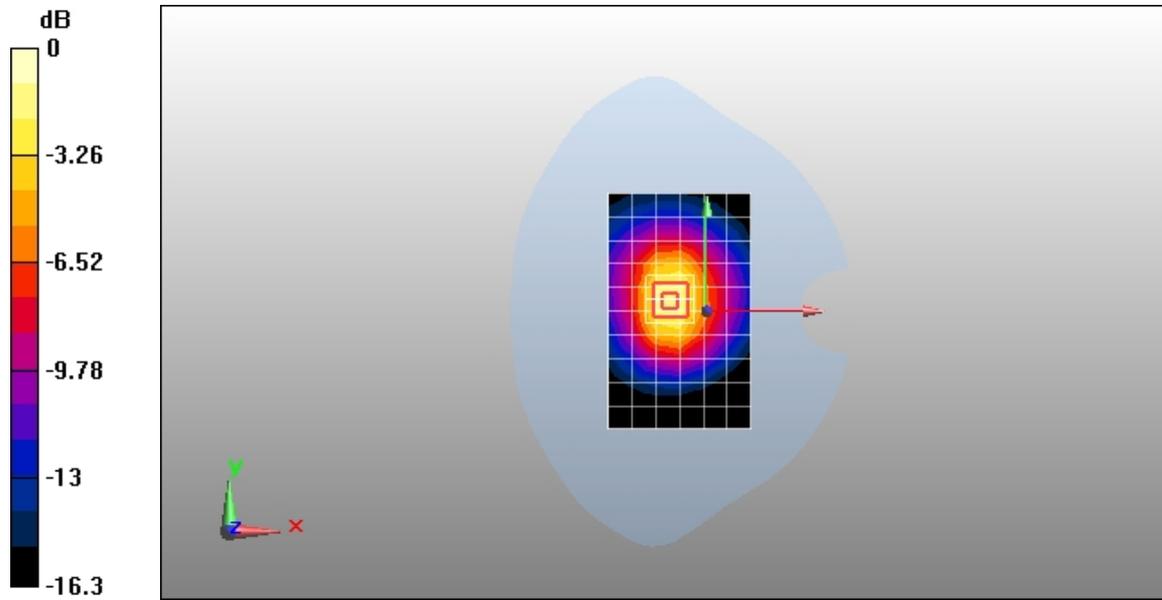
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.600 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 2TS 661CH Bottom edge 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.865 mW/g

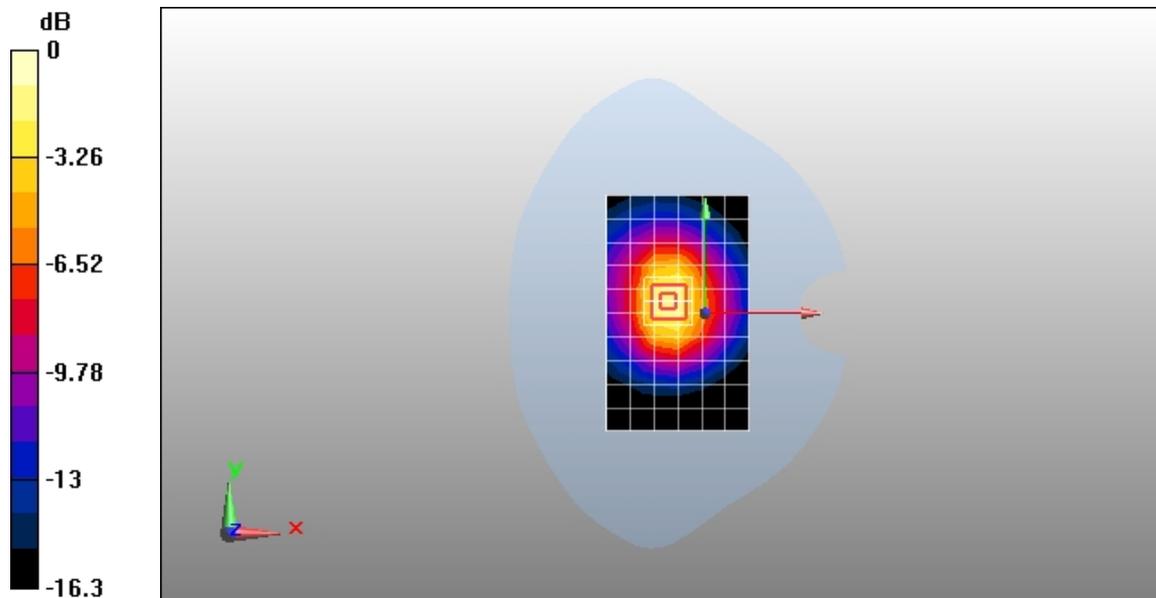
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.00237 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.548 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM1900 GPRS 2TS 512CH Bottom edge 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.699 mW/g

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

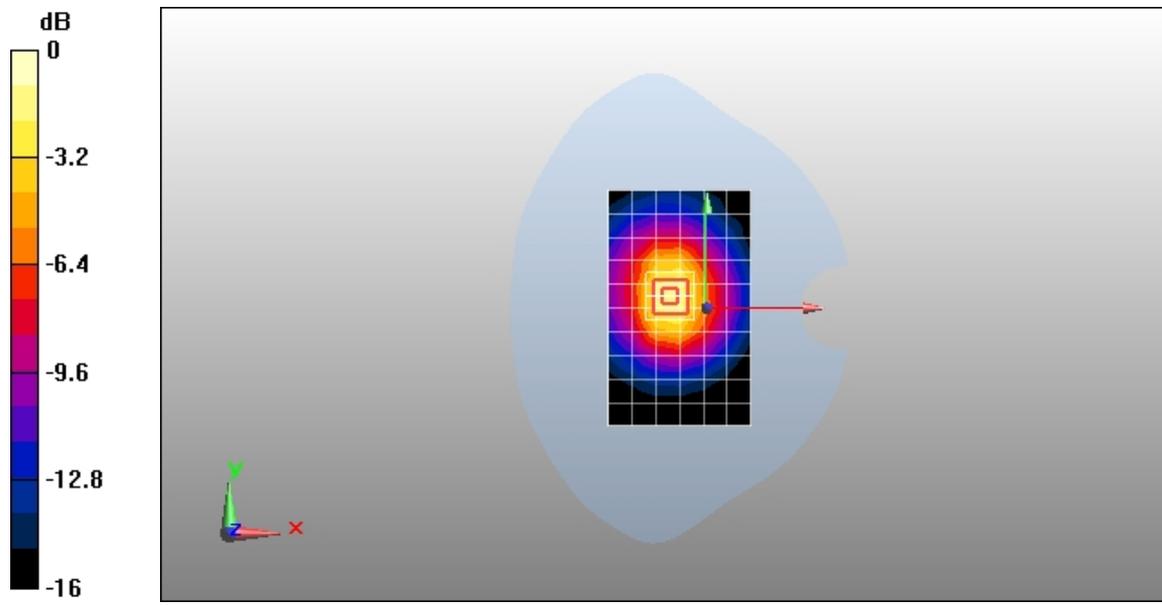
Reference Value = 21.1 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.447 mW/g**

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

Maximum value of SAR (measured) = 0.894 mW/g



0 dB = 0.894mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 2TS 810CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.29 mW/g

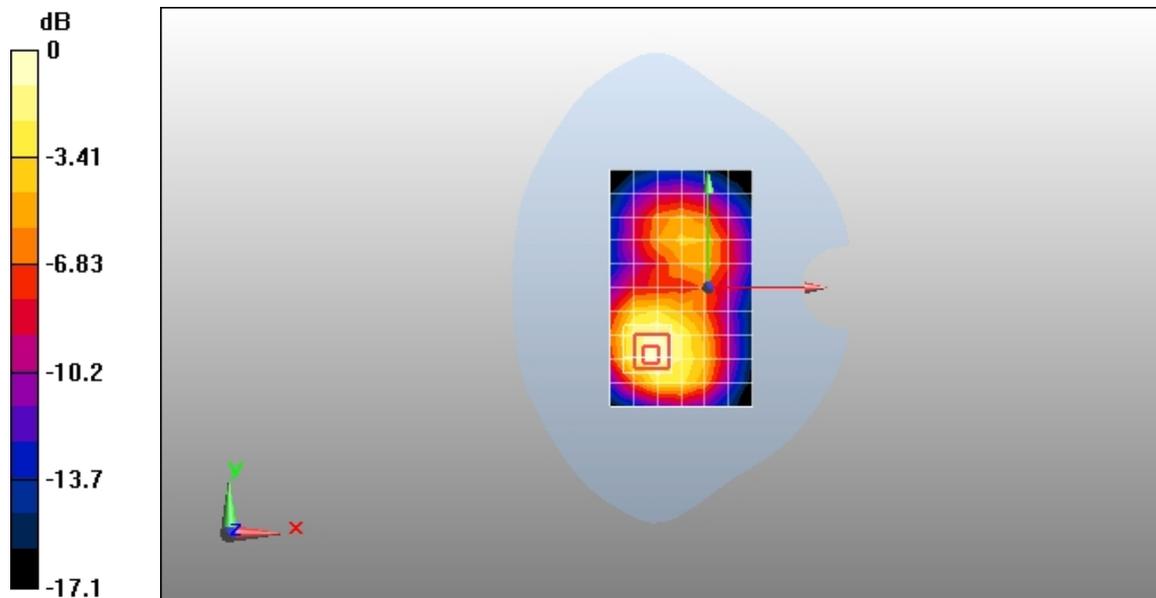
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.030 dB

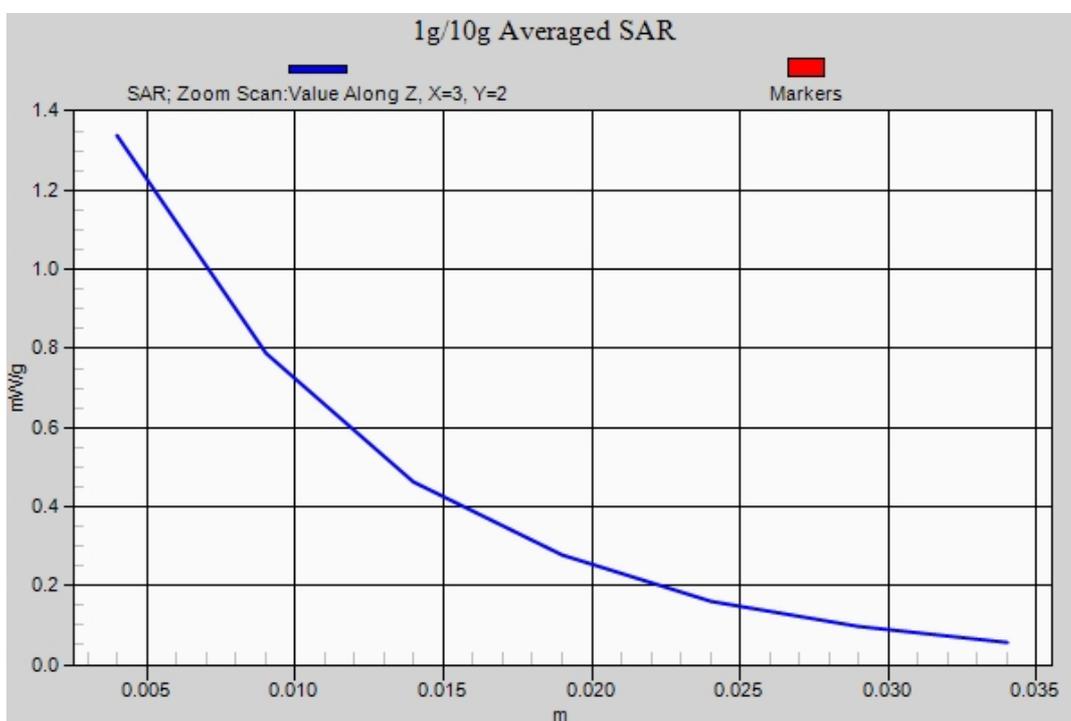
Peak SAR (extrapolated) = 2.1 W/kg

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.726 mW/g**

Maximum value of SAR (measured) = 1.34 mW/g



0 dB = 1.34mW/g



Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 GPRS 2TS 661CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.13 mW/g

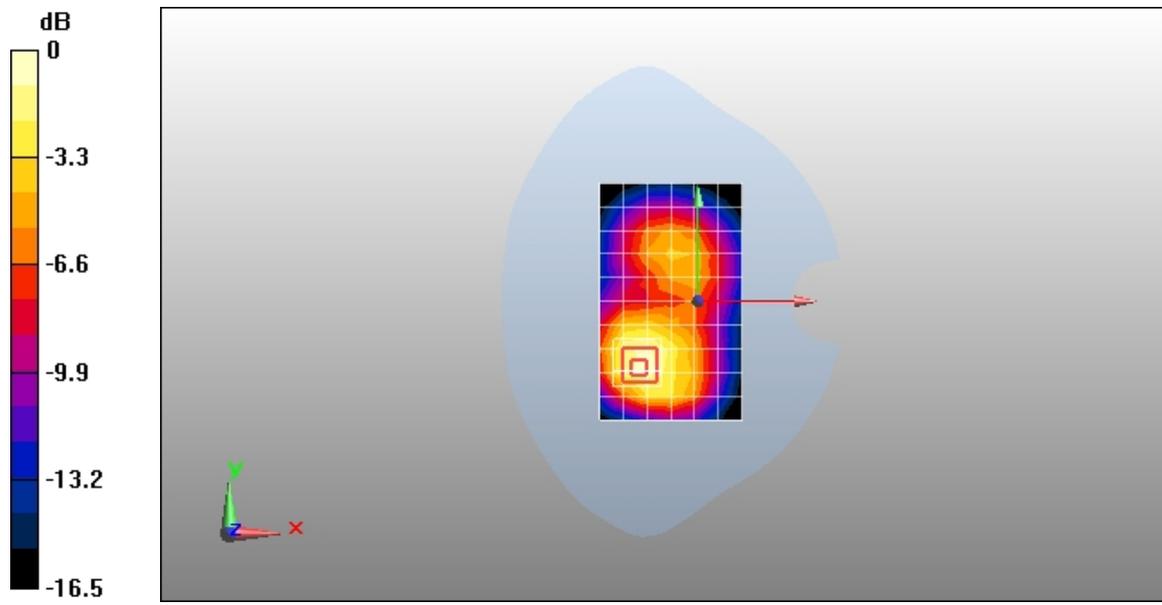
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.651 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM1900 GPRS 2TS 512CH Towards Ground 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.879 mW/g

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

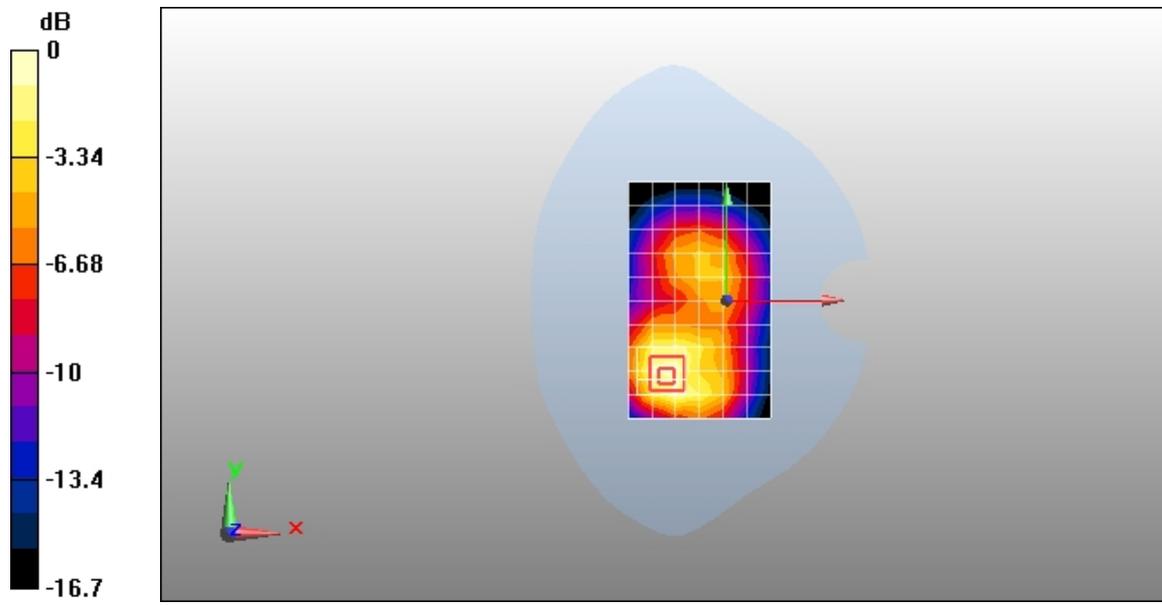
Reference Value = 13.3 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.545 mW/g**

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

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 EGPRS 1TS 661CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.542 mW/g

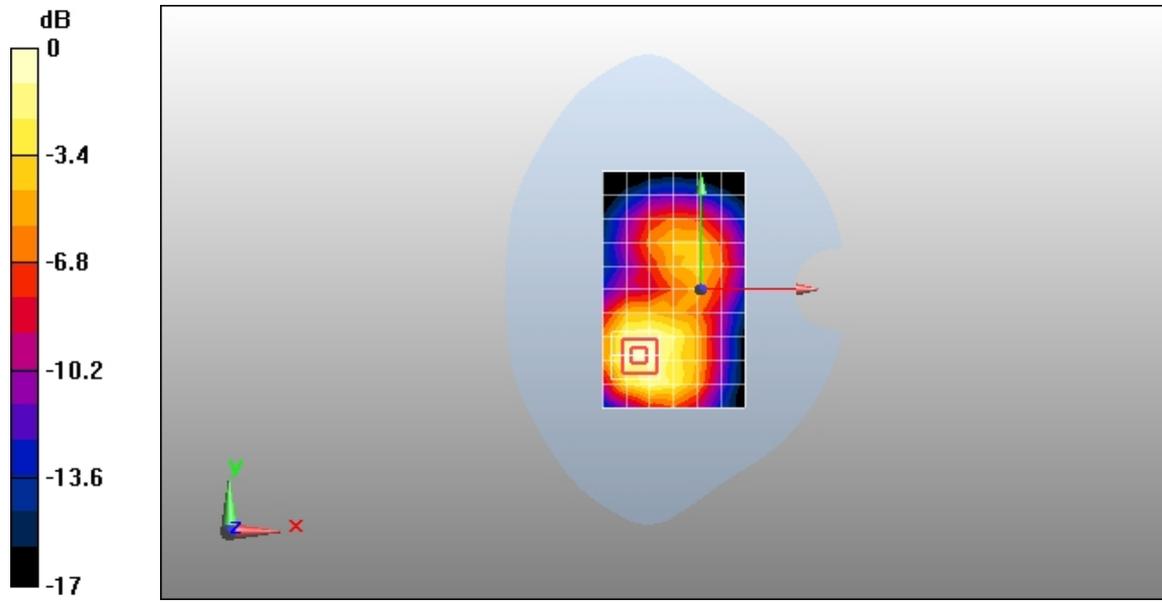
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.33 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.955 W/kg

**SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.339 mW/g**

Maximum value of SAR (measured) = 0.621 mW/g



0 dB = 0.621mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 EGPRS 2TS 810CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.16 mW/g

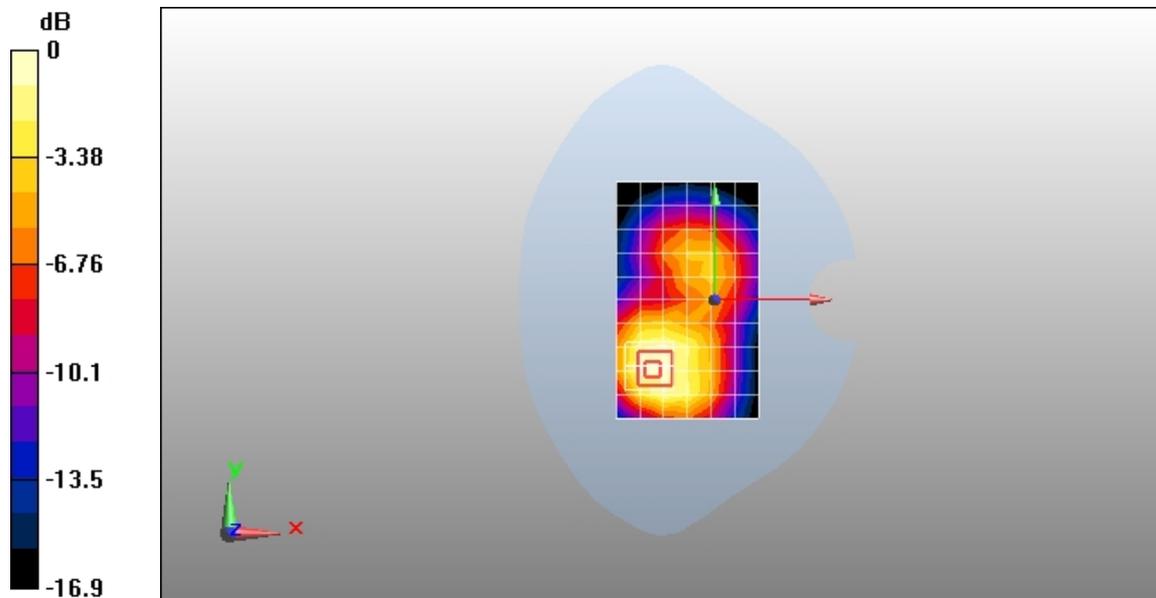
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.721 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.06 mW/g

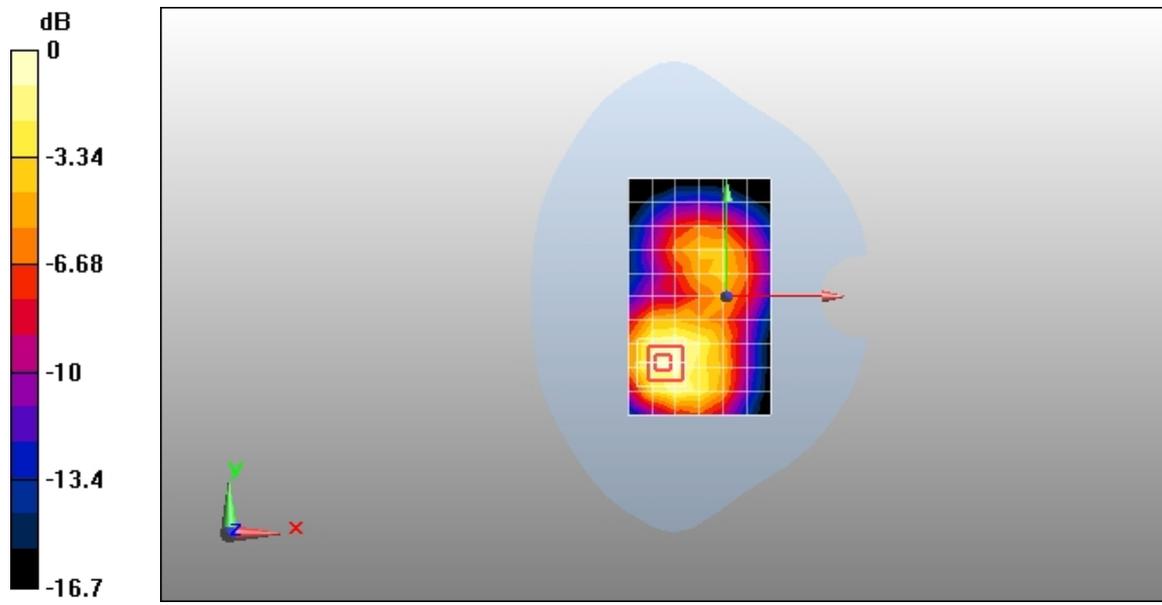
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.661 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

Test Laboratory: Huawei SAR Lab

## U8500-9 GSM1900 EGPRS 2TS 512CH Towards Ground 10mm

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 2TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

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

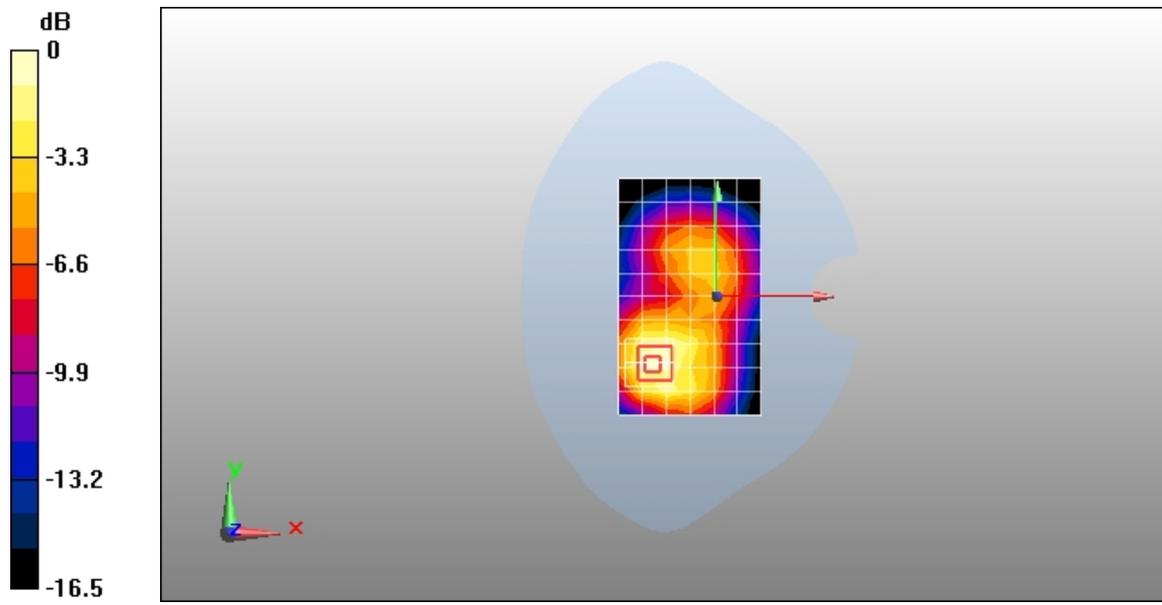
Reference Value = 12.7 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 1.5 W/kg

**SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.526 mW/g**

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

Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.969mW/g

Test Laboratory: Huawei SAR Lab

## **U8500-9 GSM1900 810CH Towards Ground 10mm with Headset**

**DUT: U8500-9; Type: Mobile phone; Serial: P5K7NA1111000184**

Communication System: HW -GSM/GPRS/EDGE 1TS; Frequency: 1909.8 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.17, 7.17, 7.17); Calibrated: 2010-12-13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1235; Calibrated: 2010-10-22
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Configuration/Body/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.583 mW/g

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

Reference Value = 9.83 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.365 mW/g**

Maximum value of SAR (measured) = 0.659 mW/g

