



## Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

**U9501L GSM850 190CH Left hand touch cheek****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.918$  mho/m;  $\epsilon_r = 41.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.690 W/kg

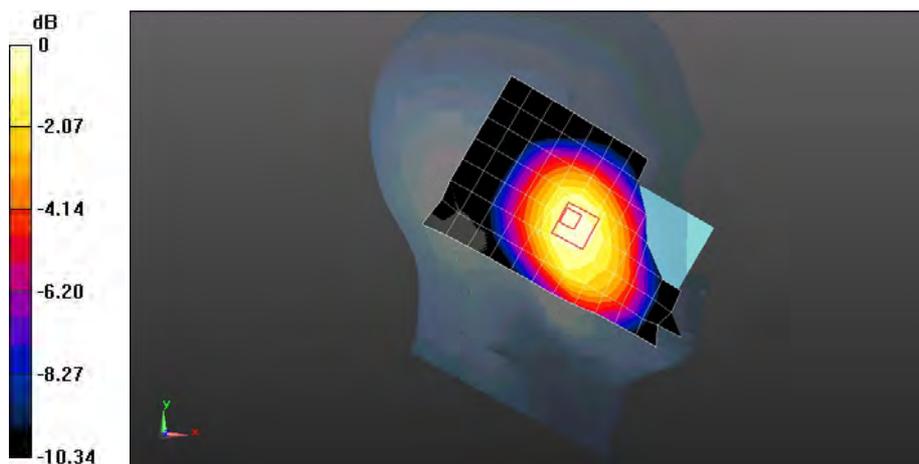
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.421 V/m; Power Drift = -0.04 dB

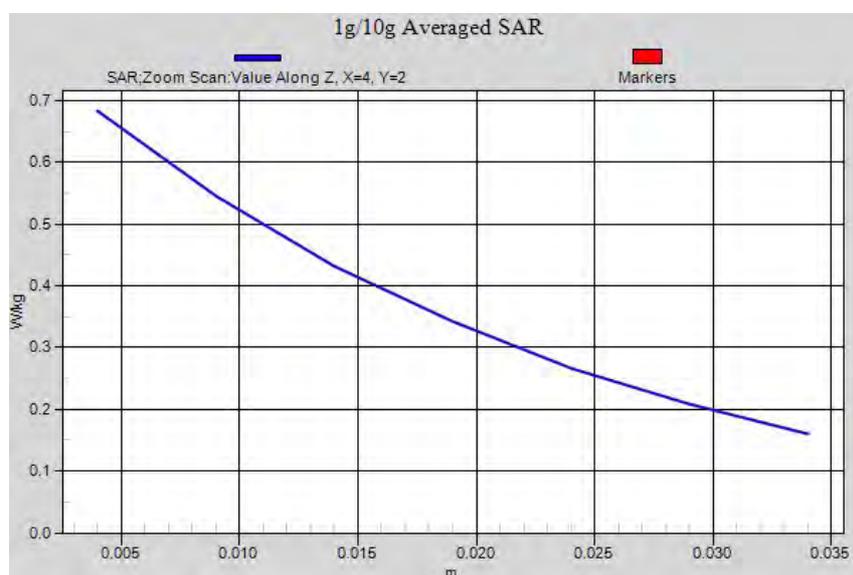
Peak SAR (extrapolated) = 0.817 mW/g

**SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.469 mW/g**

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



0 dB = 0.683 W/kg = -3.31 dB W/kg



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 190CH Left hand tilt 15 degree

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.918$  mho/m;  $\epsilon_r = 41.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

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

Reference Value = 14.593 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.399 mW/g

**SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.194 mW/g**

Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.371 mW/g = -8.62 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 190CH Right hand touch cheek

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.918$  mho/m;  $\epsilon_r = 41.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.470 mW/g

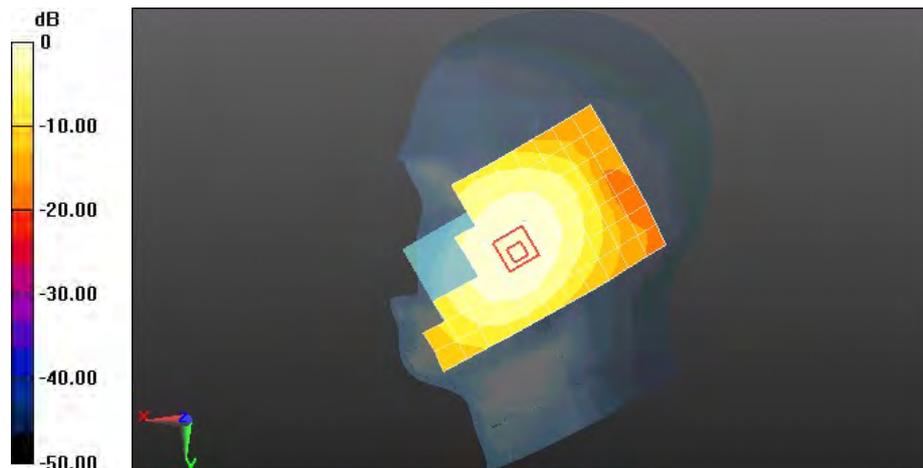
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.606 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.547 mW/g

**SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.470 mW/g = -6.57 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 190CH Right hand tilt 15 degree

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.918$  mho/m;  $\epsilon_r = 41.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.350 mW/g

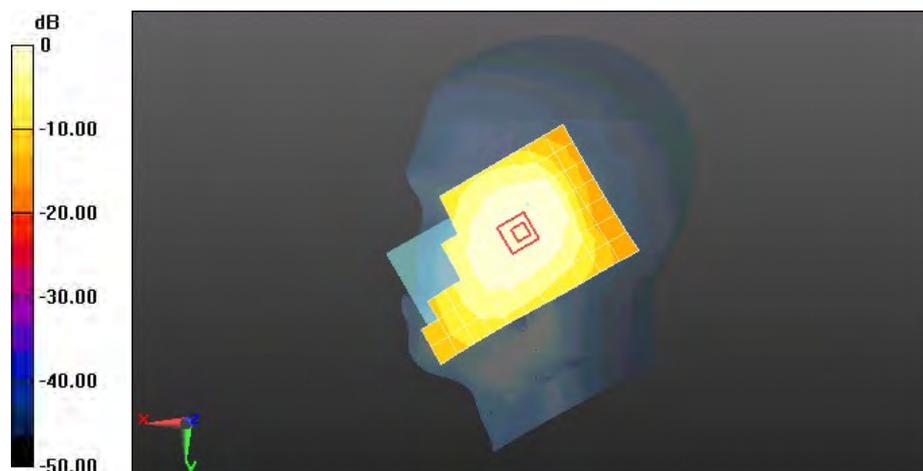
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.072 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.423 mW/g

**SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.360 mW/g



0 dB = 0.350 mW/g = -9.11 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 1TS 190CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.595 mW/g

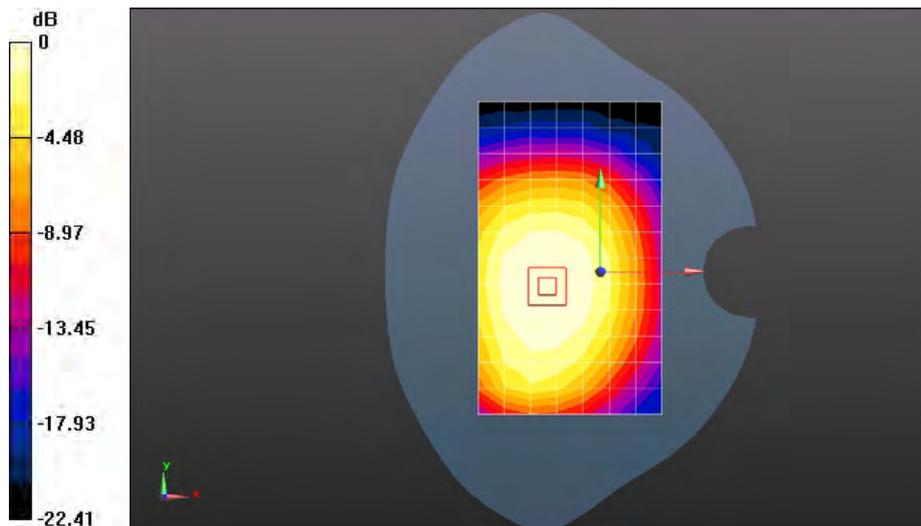
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 23.880 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.699 mW/g

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 0.598 mW/g



0 dB = 0.595 mW/g = -4.51 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 128CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.856 mW/g

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

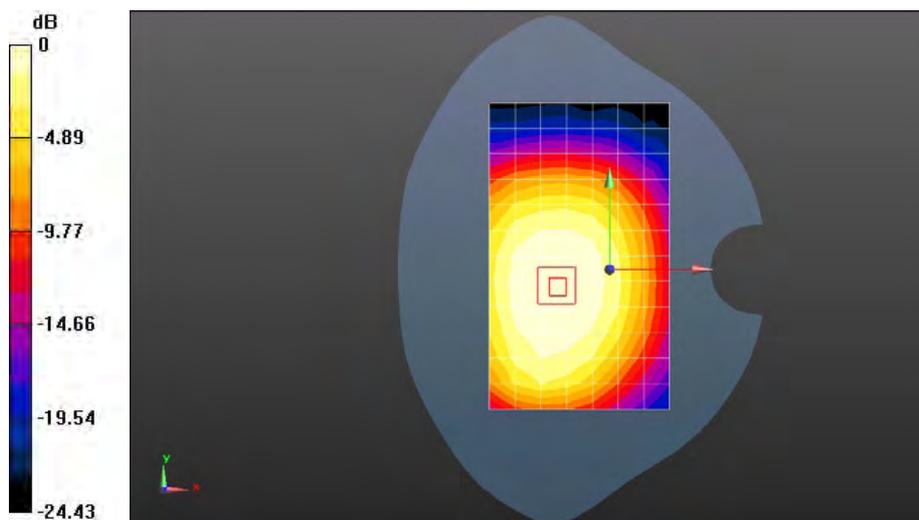
Reference Value = 28.998 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.015 mW/g

**SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.645 mW/g**

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

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



0 dB = 0.856 mW/g = -1.35 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 190CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.844 mW/g

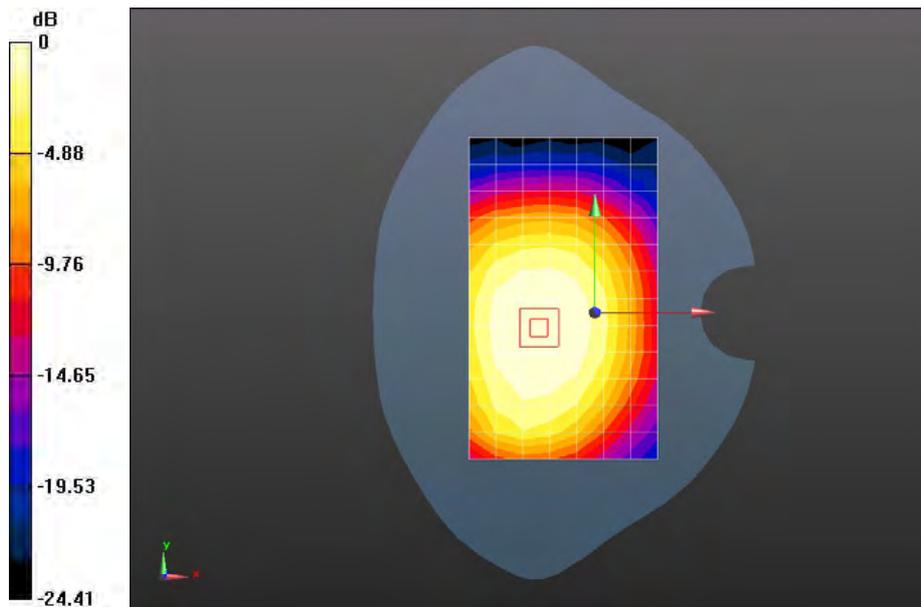
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 28.968 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.008 mW/g

**SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.636 mW/g**

Maximum value of SAR (measured) = 0.861 mW/g



0 dB = 0.844 mW/g = -1.48 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 251CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.003$  mho/m;  $\epsilon_r = 53.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.873 mW/g

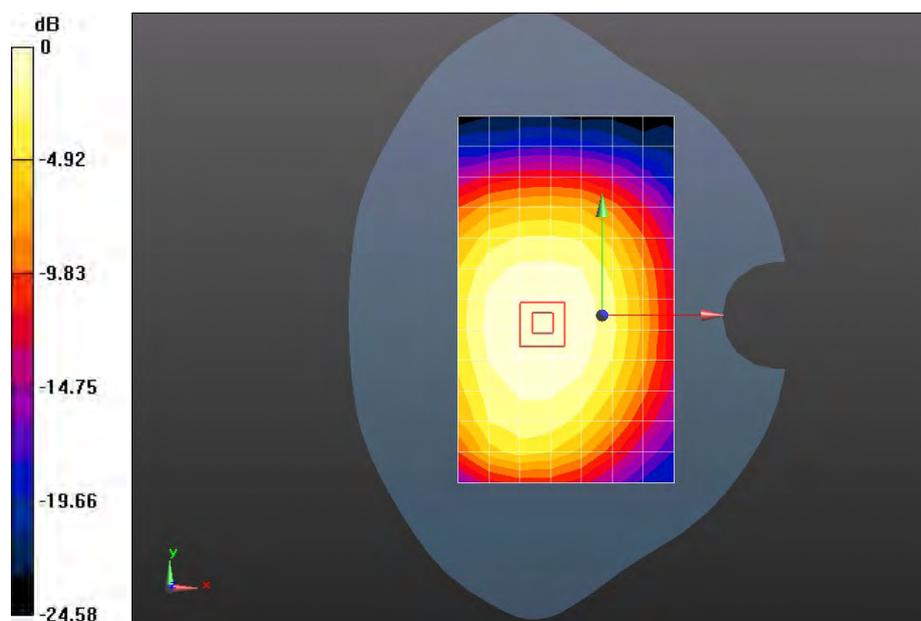
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 29.492 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.014 mW/g

**SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.642 mW/g**

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



0 dB = 0.873 mW/g = -1.18 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U9501L GSM850 GPRS 2TS 128CH Towards Ground 10mm****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

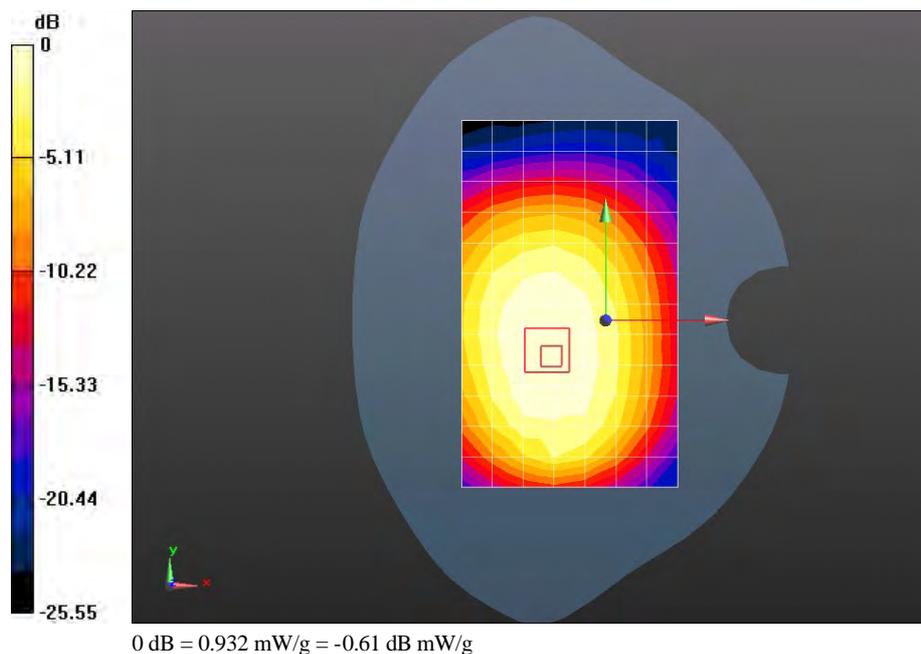
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.577 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.124 mW/g

**SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.685 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 190CH Towards Ground 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.895 mW/g

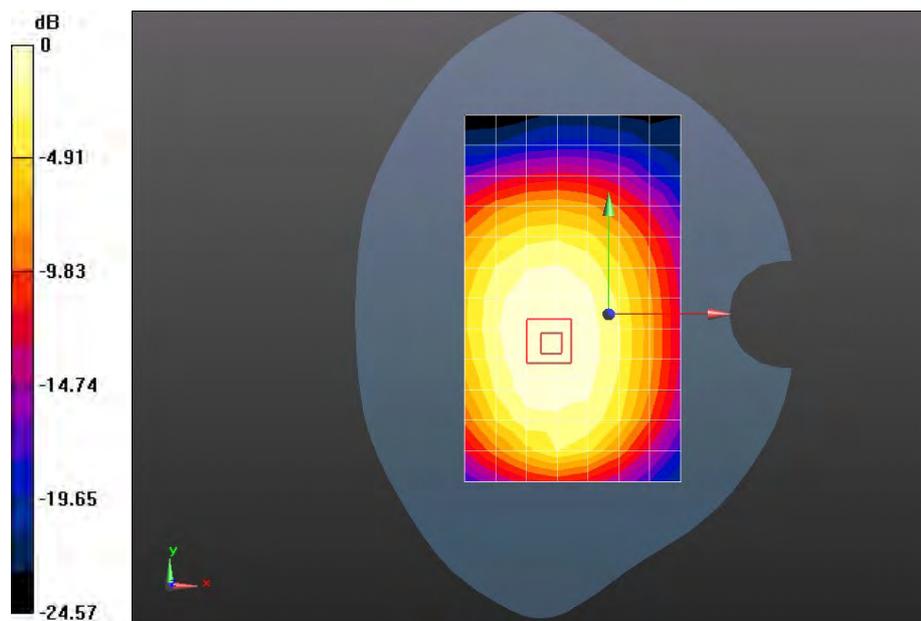
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 28.793 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.065 mW/g

**SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.657 mW/g**

Maximum value of SAR (measured) = 0.898 mW/g



0 dB = 0.895 mW/g = -0.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 251CH Towards Ground 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.003$  mho/m;  $\epsilon_r = 53.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.835 mW/g

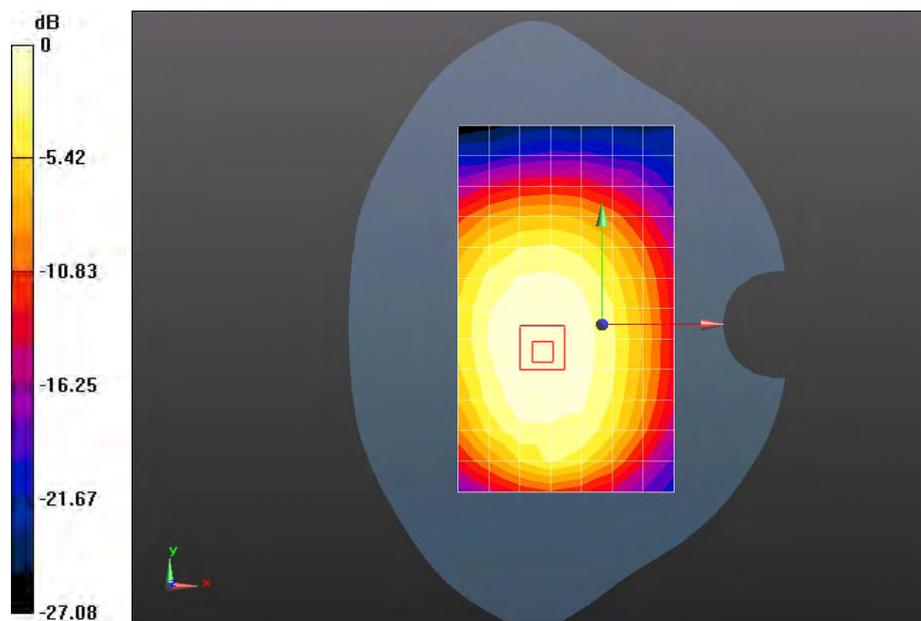
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 27.970 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.025 mW/g

**SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.620 mW/g**

Maximum value of SAR (measured) = 0.853 mW/g



0 dB = 0.835 mW/g = -1.57 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 128CH Left edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.910 mW/g

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

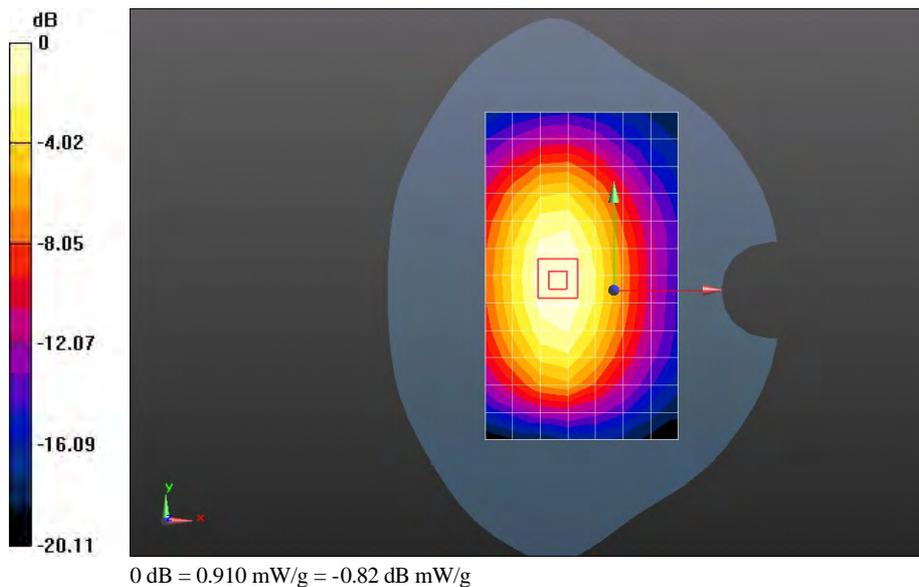
Reference Value = 27.144 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.248 mW/g

**SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.615 mW/g**

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

Maximum value of SAR (measured) = 0.953 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 190CH Left edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.947 mW/g

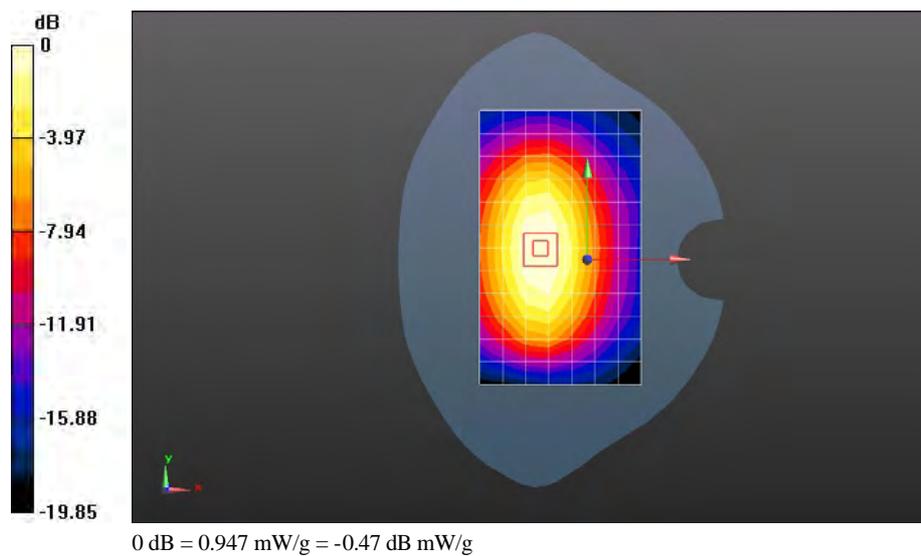
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.994 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.307 mW/g

**SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.648 mW/g**

Maximum value of SAR (measured) = 1.00 mW/g



Test Laboratory: HUAWEI SAR Lab

**U9501L GSM850 GPRS 2TS 251CH Left edge 10mm****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.003$  mho/m;  $\epsilon_r = 53.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.883 mW/g

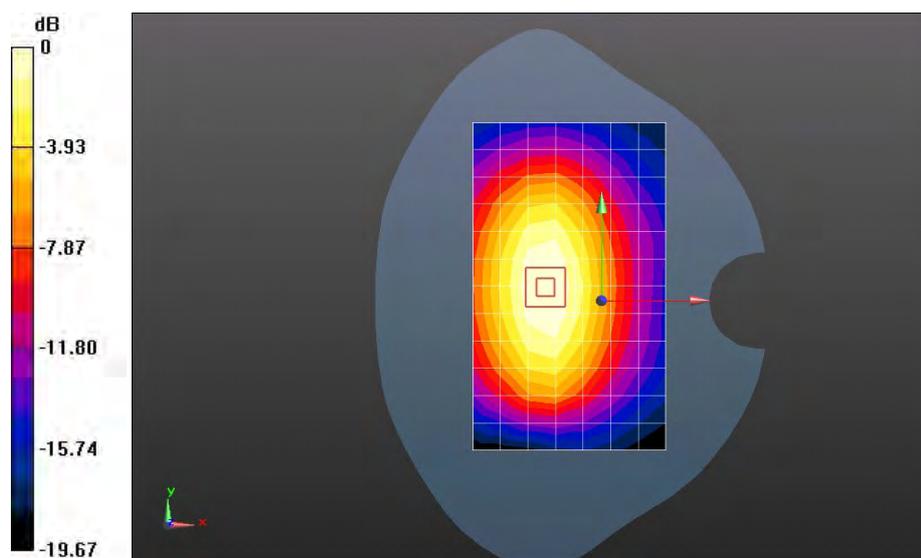
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.126 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.189 mW/g

**SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.597 mW/g**

Maximum value of SAR (measured) = 0.926 mW/g



0 dB = 0.883 mW/g = -1.08 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U9501L GSM850 GPRS 2TS 128CH Right edge 10mm****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.06 W/kg

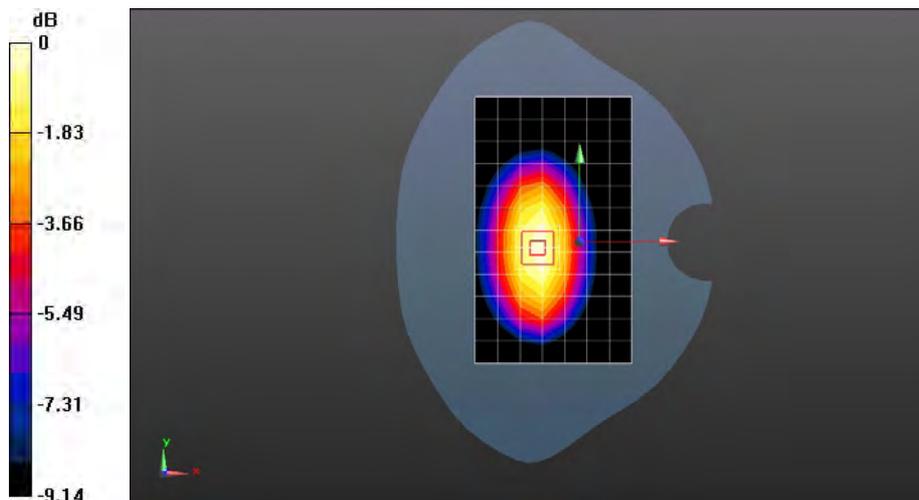
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 29.882 V/m; Power Drift = -0.03 dB

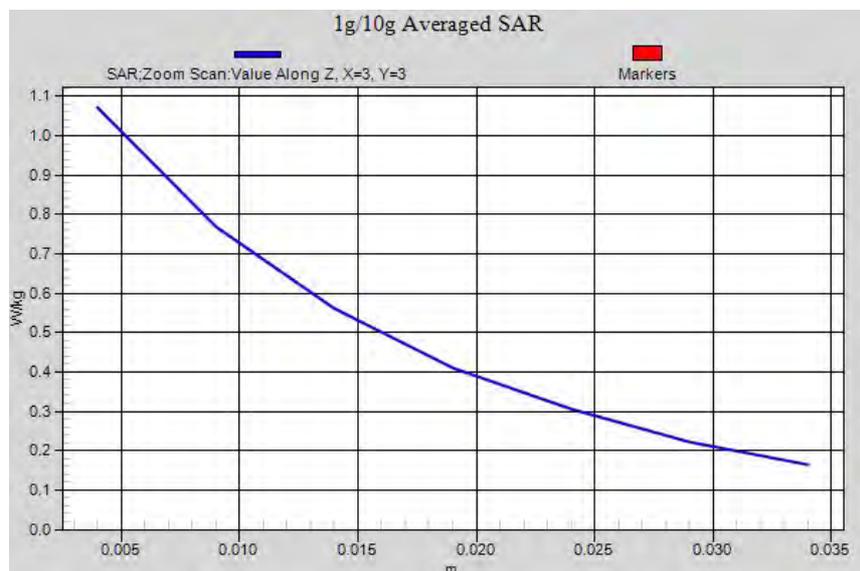
Peak SAR (extrapolated) = 1.402 mW/g

**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.696 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.59 dB W/kg



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 190CH Right edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

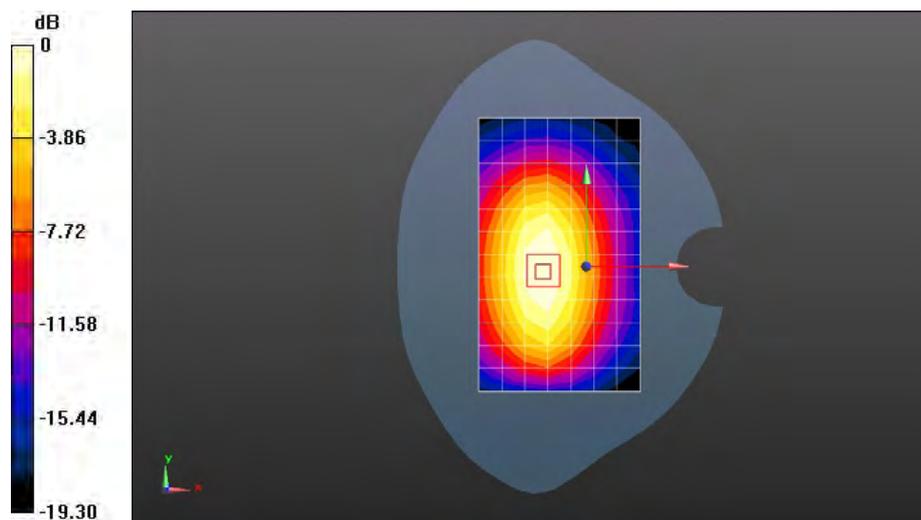
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 29.120 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.358 mW/g

**SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.675 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.04 mW/g = 0.36 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 251CH Right edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.003$  mho/m;  $\epsilon_r = 53.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.954 mW/g

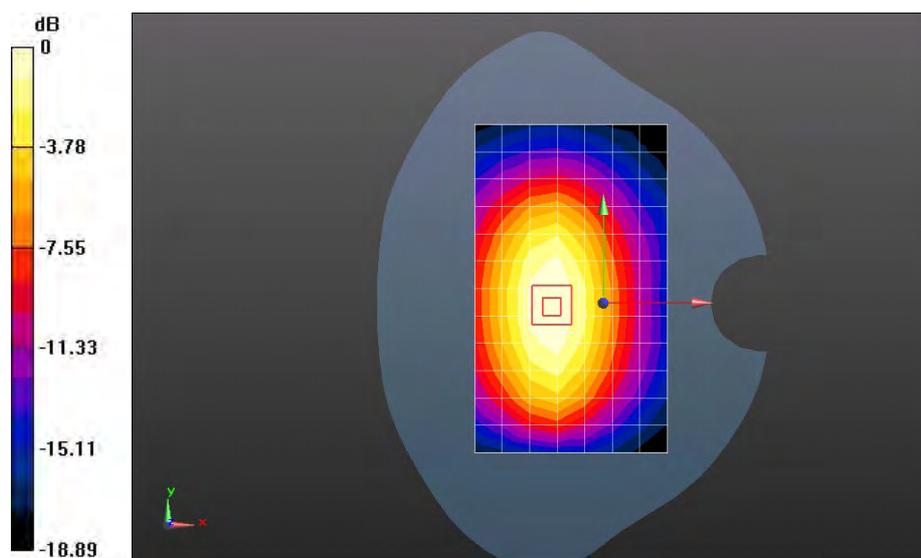
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 28.222 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.272 mW/g

**SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.634 mW/g**

Maximum value of SAR (measured) = 0.978 mW/g



0 dB = 0.954 mW/g = -0.41 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 GPRS 2TS 190CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

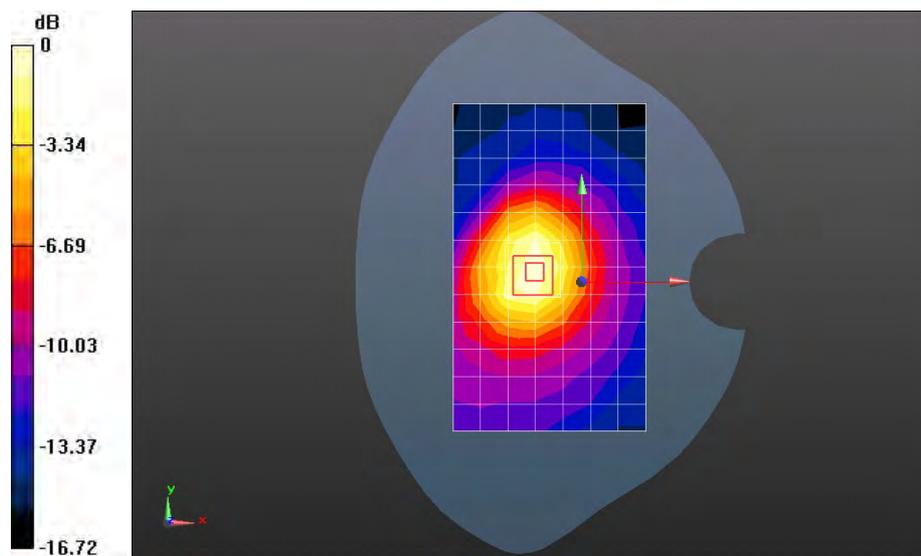
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.227 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.433 mW/g

**SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.259 mW/g



0 dB = 0.263 mW/g = -11.62 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 EGPRS 1TS 190CH Right edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.730 mW/g

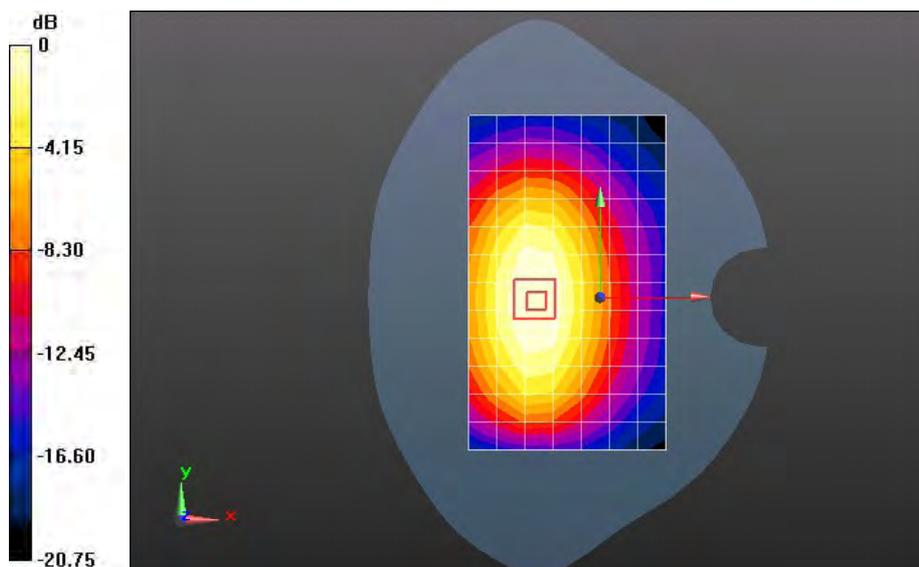
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 22.250 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.987 mW/g

**SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.508 mW/g**

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



0 dB = 0.730 mW/g = -2.73 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 EGPRS 2TS 128CH Right edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 53.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.920 mW/g

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

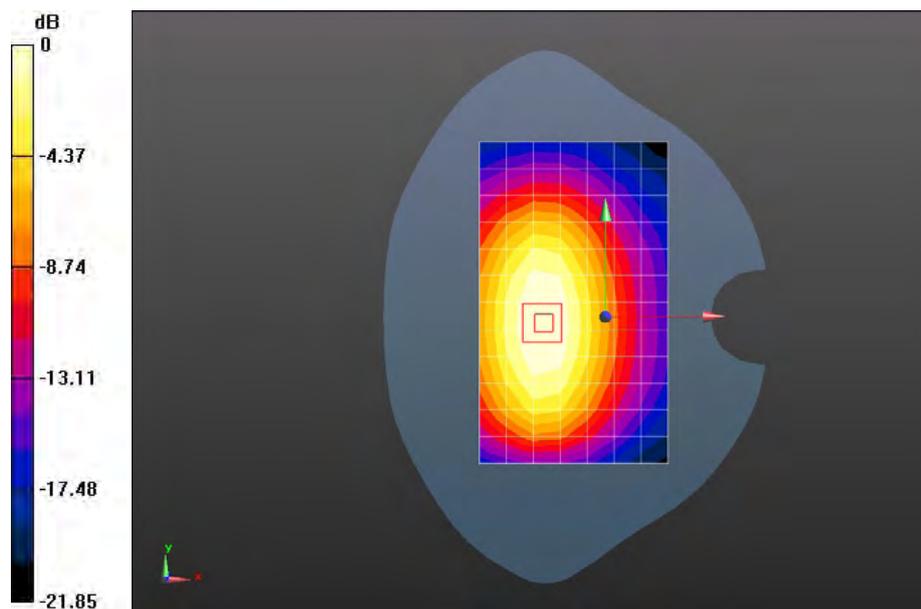
Reference Value = 24.714 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.272 mW/g

**SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.637 mW/g**

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

Maximum value of SAR (measured) = 0.977 mW/g



0 dB = 0.920 mW/g = -0.72 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 EGPRS 2TS 190CH Right edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.945 mW/g

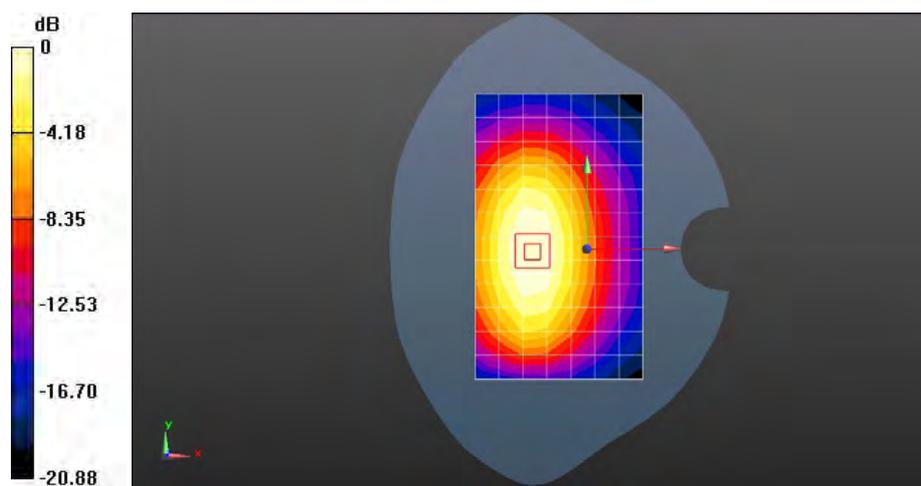
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 25.339 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.289 mW/g

**SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.645 mW/g**

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



0 dB = 0.945 mW/g = -0.49 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM850 EGPRS 2TS 251CH Right edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.003$  mho/m;  $\epsilon_r = 53.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.907 mW/g

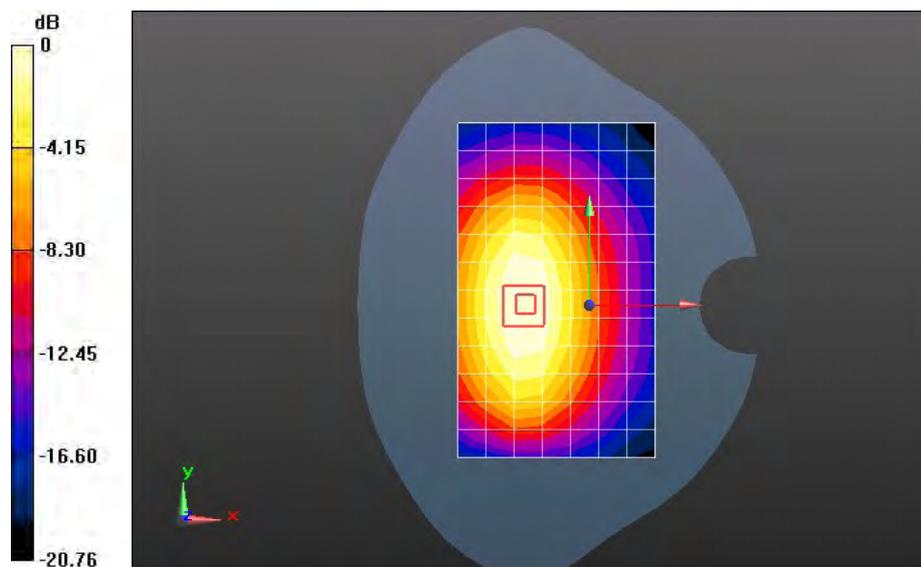
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.414 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.282 mW/g

**SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.631 mW/g**

Maximum value of SAR (measured) = 0.973 mW/g



0 dB = 0.907 mW/g = -0.84 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 661CH Left hand touch cheek

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.669$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.122 mW/g

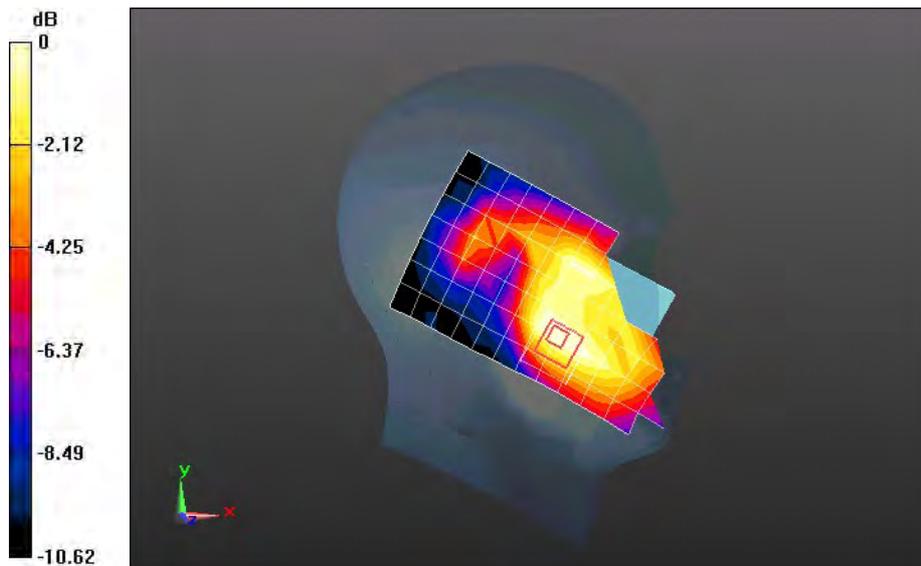
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.148V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.193 mW/g

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.068 mW/g**

Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118 mW/g = -18.56 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 661CH Left hand tilt 15 degree

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.669$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0791 mW/g

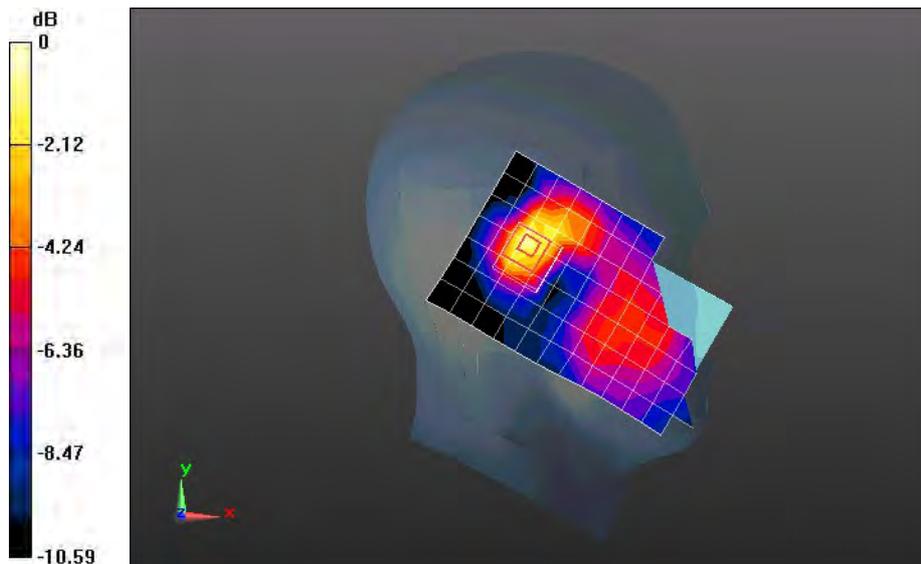
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.869 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.118 mW/g

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.0895 mW/g



0 dB = 0.0895 mW/g = -20.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U9501L GSM1900 661CH Right hand touch cheek**

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

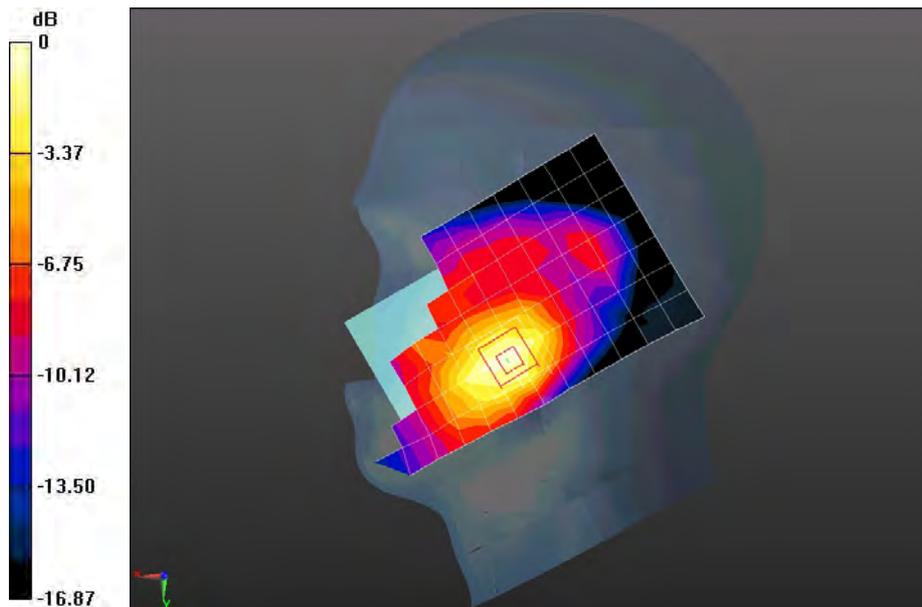
Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz;  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.669$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 0.316 W/kg

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 6.468 V/m; Power Drift = 0.13 dB  
 Peak SAR (extrapolated) = 0.508 mW/g  
**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.182 mW/g**  
 Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg = -9.40 dB W/kg



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 661CH Right hand tilt 15 degree

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  mho/m;  $\epsilon_r = 39.669$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.67, 7.67, 7.67); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0629 mW/g

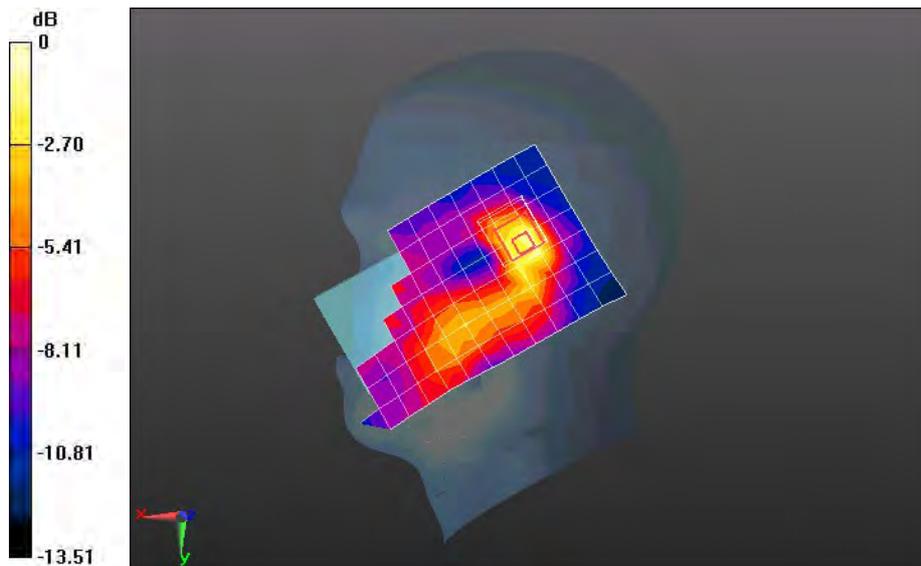
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.721 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.132 mW/g

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.0814 mW/g



0 dB = 0.0814 mW/g = -21.79 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 1TS 661CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.906 mW/g

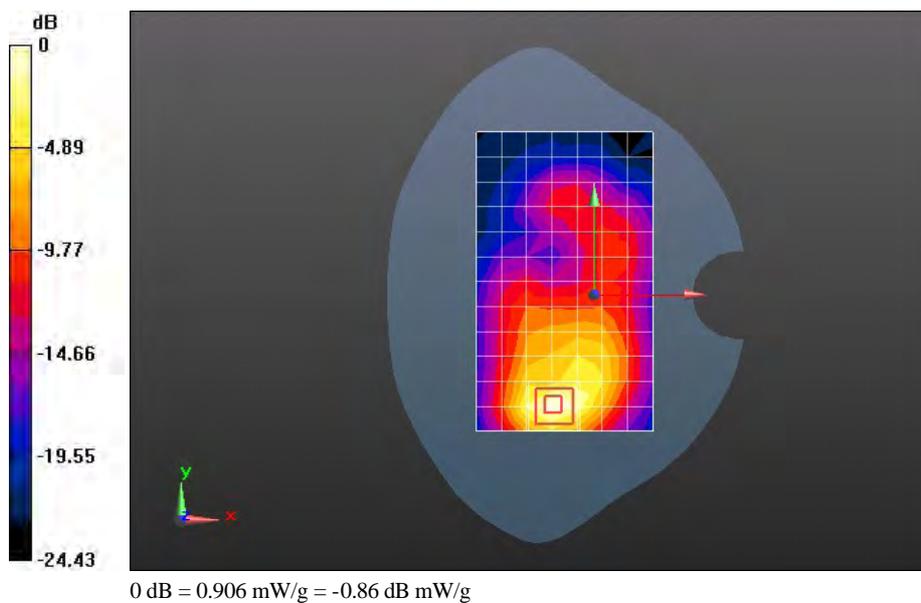
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.327 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.338 mW/g

**SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.410 mW/g**

Maximum value of SAR (measured) = 0.895 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 512CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

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

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

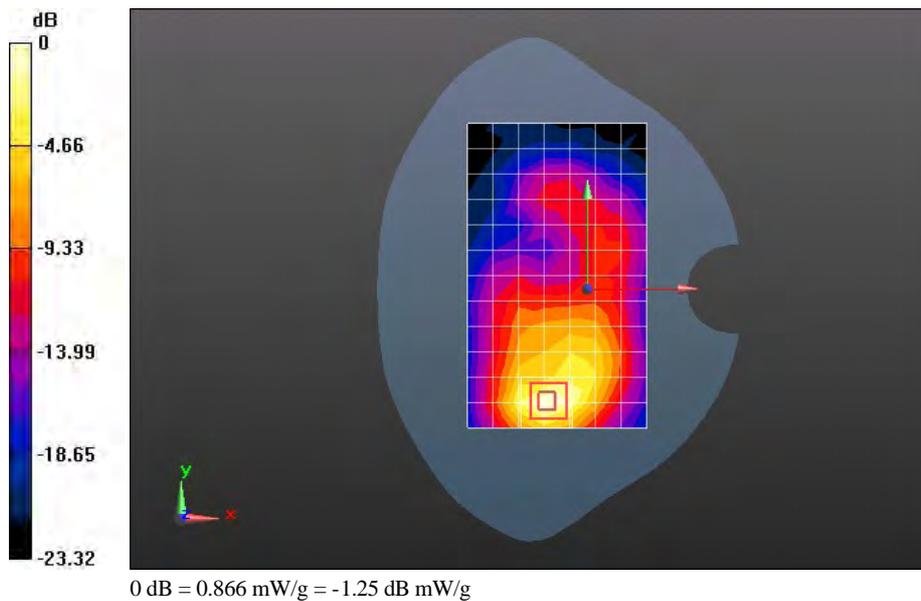
Reference Value = 6.349 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.280 mW/g

**SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.400 mW/g**

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

Maximum value of SAR (measured) = 0.858 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 661CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

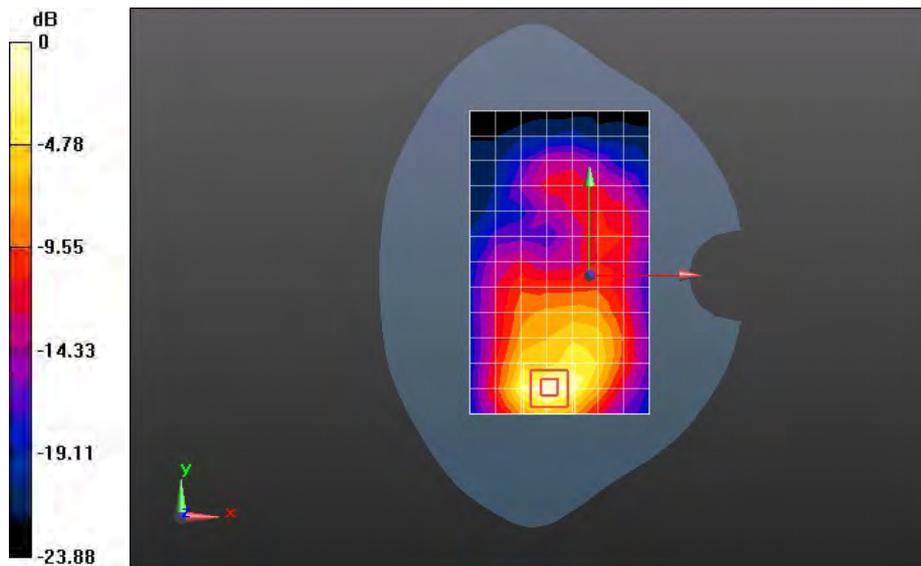
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.743 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.526 mW/g

**SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.458 mW/g**

Maximum value of SAR (measured) = 1.00 mW/g



0 dB = 1.02 mW/g = 0.18 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 810CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.597$  mho/m;  $\epsilon_r = 52.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.949 mW/g

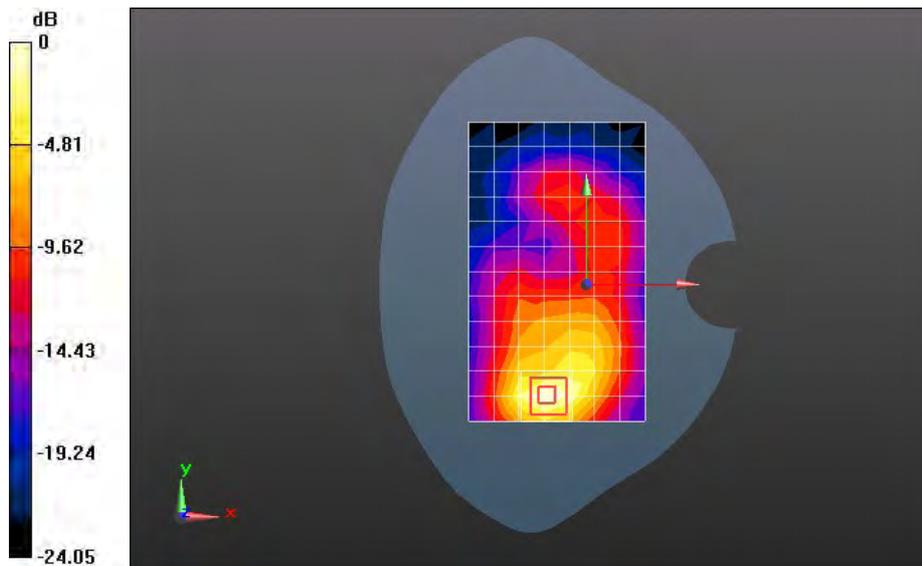
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.203 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.445 mW/g

**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.439 mW/g**

Maximum value of SAR (measured) = 0.951 mW/g



0 dB = 0.949 mW/g = -0.45 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 512CH Towards Ground 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.676 mW/g

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

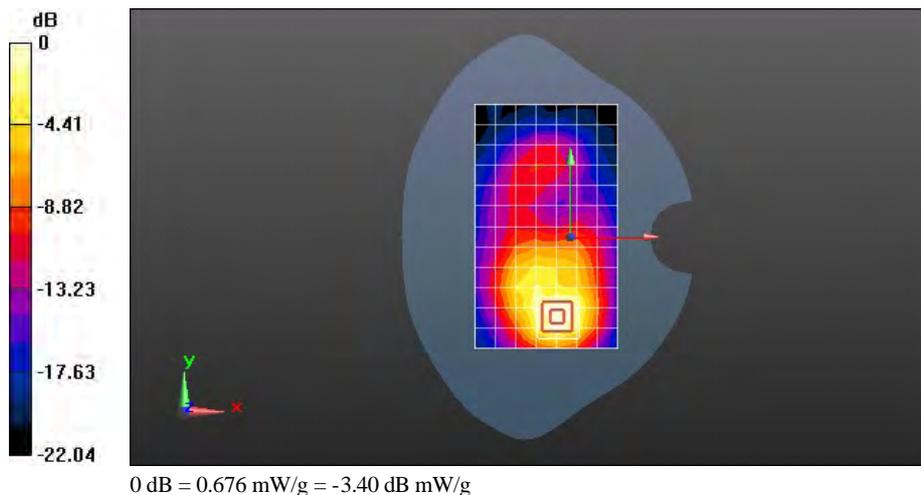
Reference Value = 7.367 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.289 mW/g

**SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.410 mW/g**

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

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



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 661CH Towards Ground 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.806 mW/g

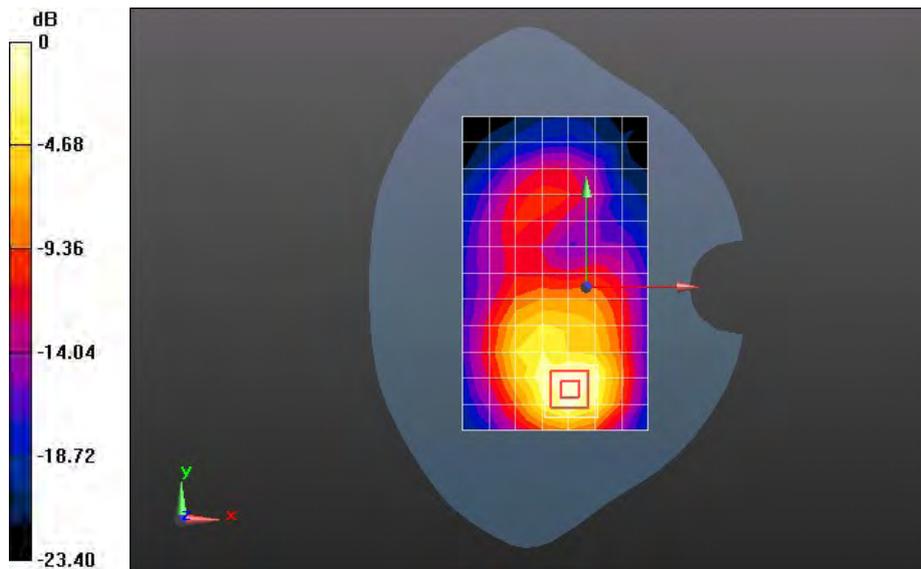
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.841 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.491 mW/g

**SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.468 mW/g**

Maximum value of SAR (measured) = 0.995 mW/g



0 dB = 0.806 mW/g = -1.88 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 810CH Towards Ground 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.597$  mho/m;  $\epsilon_r = 52.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.896 mW/g

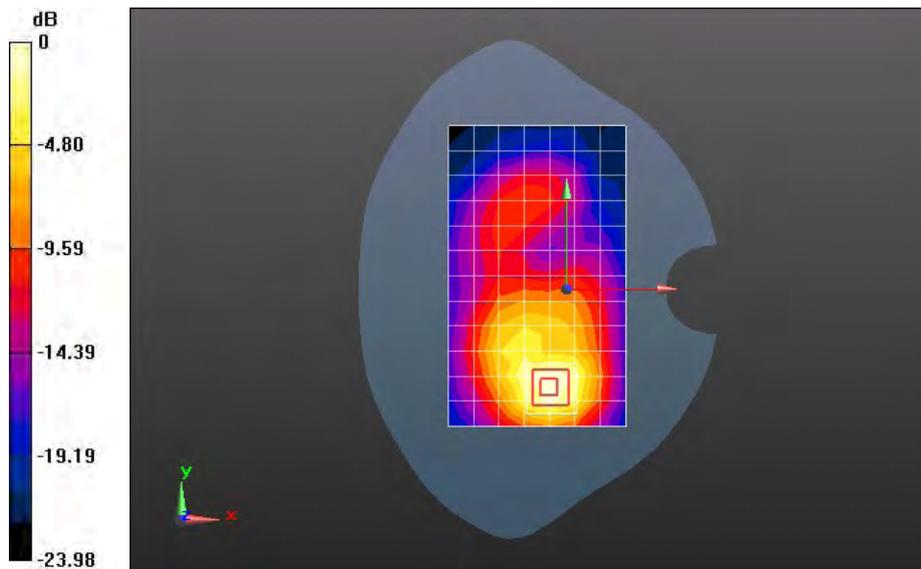
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.911 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.663 mW/g

**SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.506 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 0.896 mW/g = -0.95 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U9501L GSM1900 GPRS 2TS 661CH Left edge 10mm****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

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

Reference Value = 4.724 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.159 mW/g

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.111 mW/g

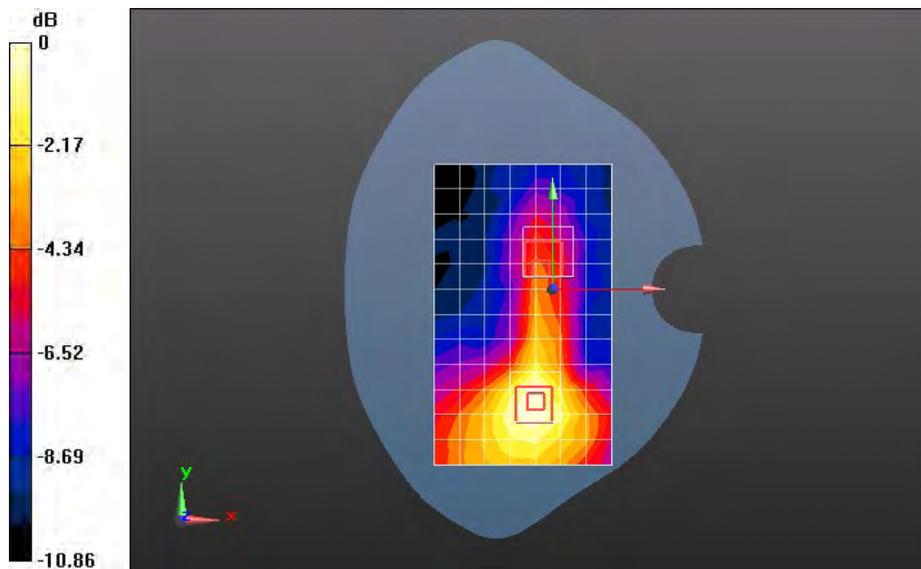
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.724 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.077 mW/g

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.0412 mW/g



0 dB = 0.107 mW/g = -19.43 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U9501L GSM1900 GPRS 2TS 661CH Right edge 10mm****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0915 mW/g

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

Reference Value = 4.651 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.147 mW/g

**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.0952 mW/g

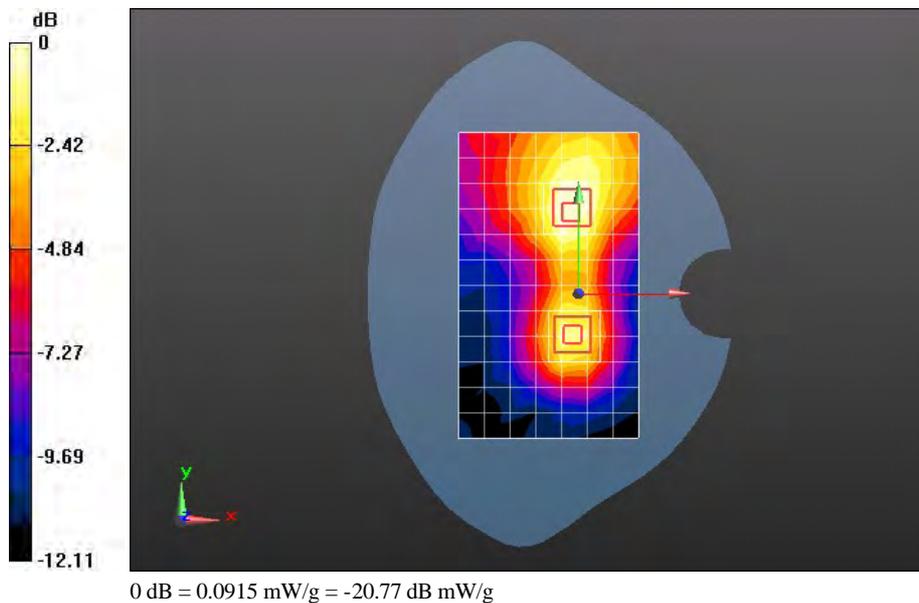
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.651 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.112 mW/g

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.0790 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 512CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.965 mW/g

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

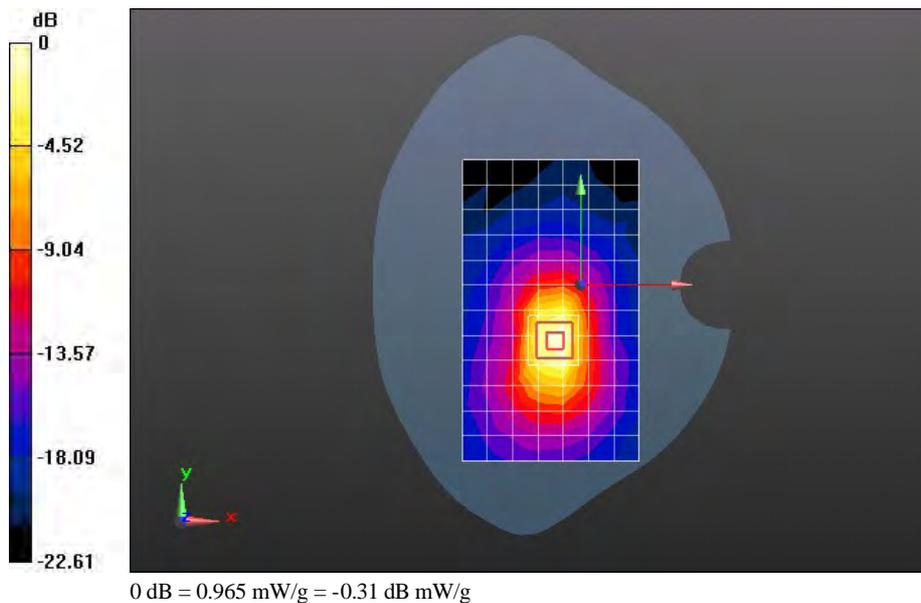
Reference Value = 9.137 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.794 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.523 mW/g**

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

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



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 661CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

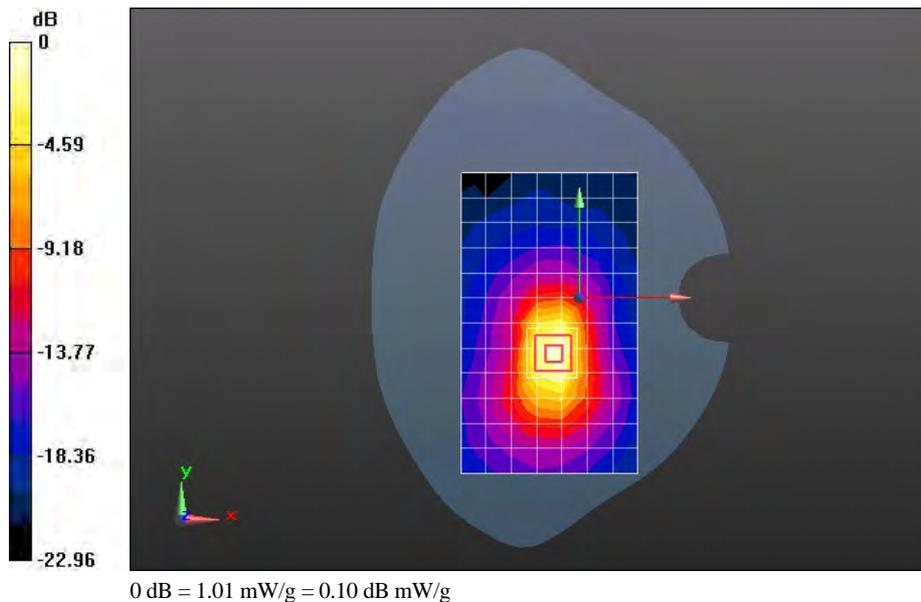
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.160 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.894 mW/g

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.551 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 GPRS 2TS 810CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.597$  mho/m;  $\epsilon_r = 52.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

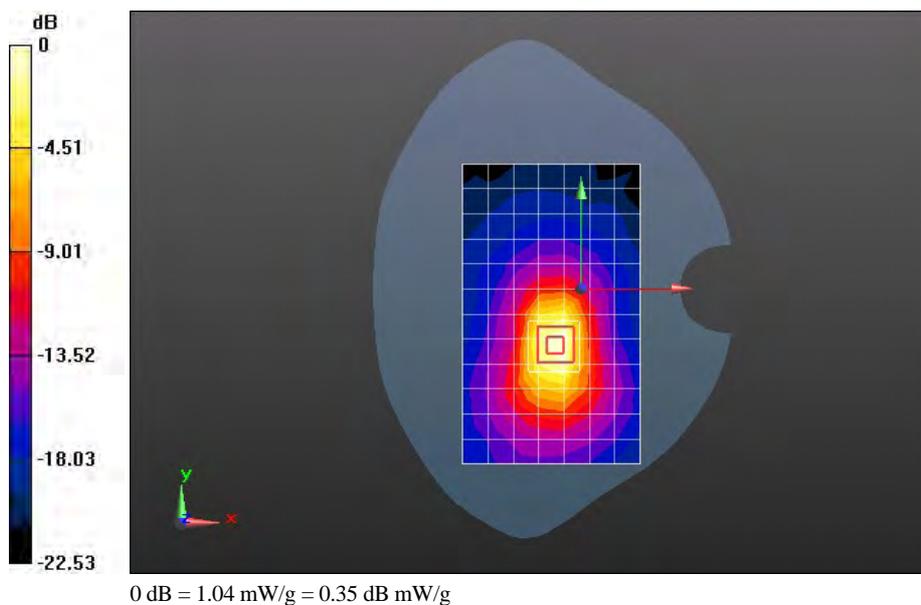
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.896 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.988 mW/g

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.570 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 EGPRS 1TS 512CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1850.2 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

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

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

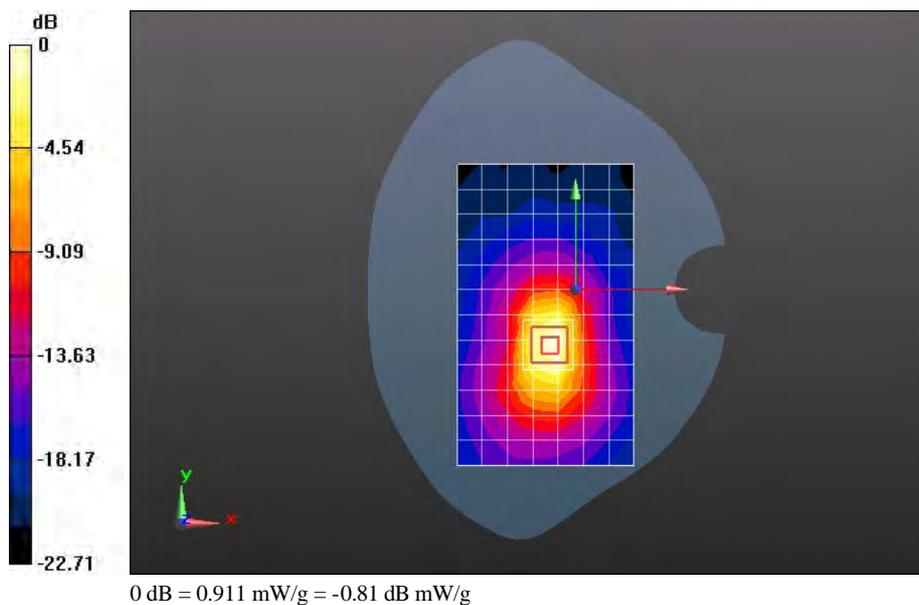
Reference Value = 9.065 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.659 mW/g

**SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.501 mW/g**

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

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



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 EGPRS 1TS 661CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.912 mW/g

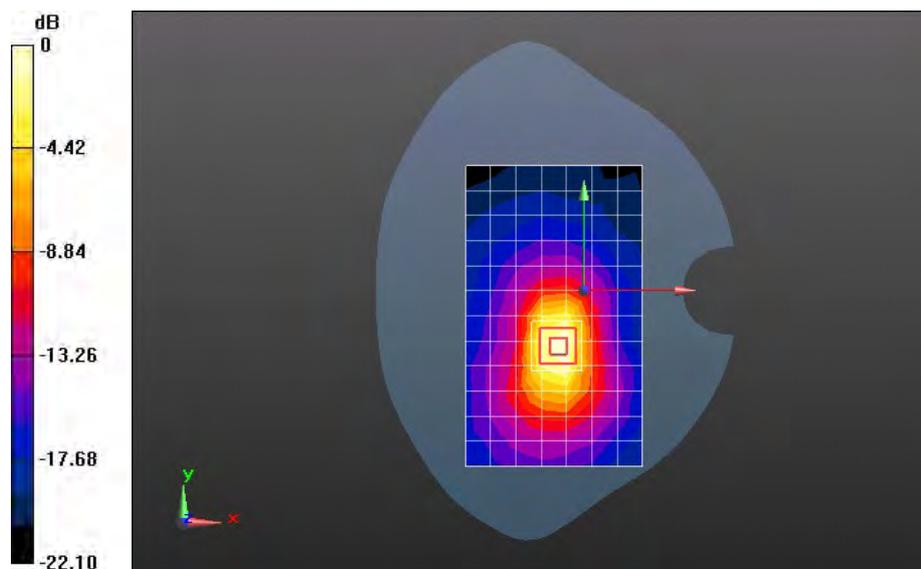
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.873 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.679 mW/g

**SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.502 mW/g**

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



0 dB = 0.912 mW/g = -0.80 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 EGPRS 1TS 810CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.597$  mho/m;  $\epsilon_r = 52.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

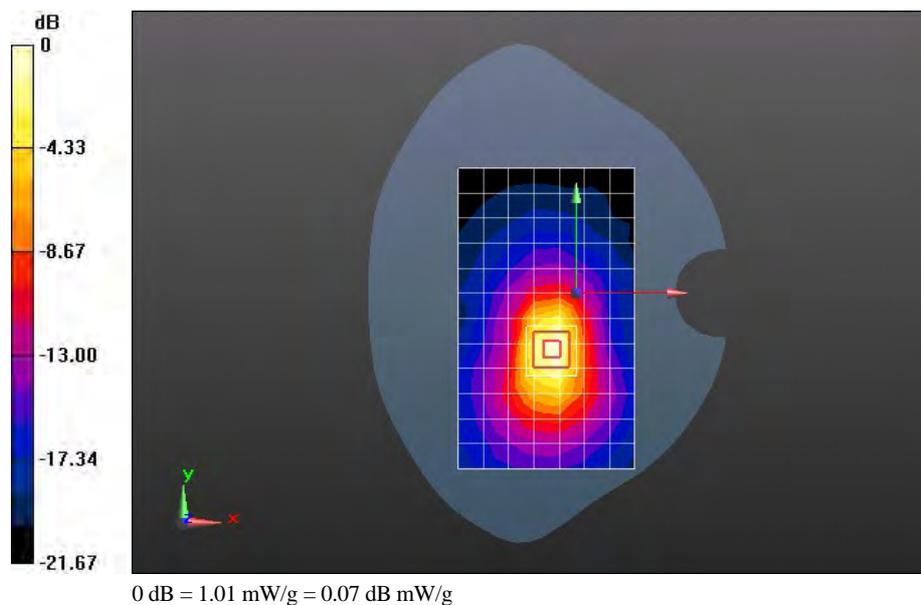
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.673 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.783 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.537 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 EGPRS 2TS 512CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 1.10 mW/g

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

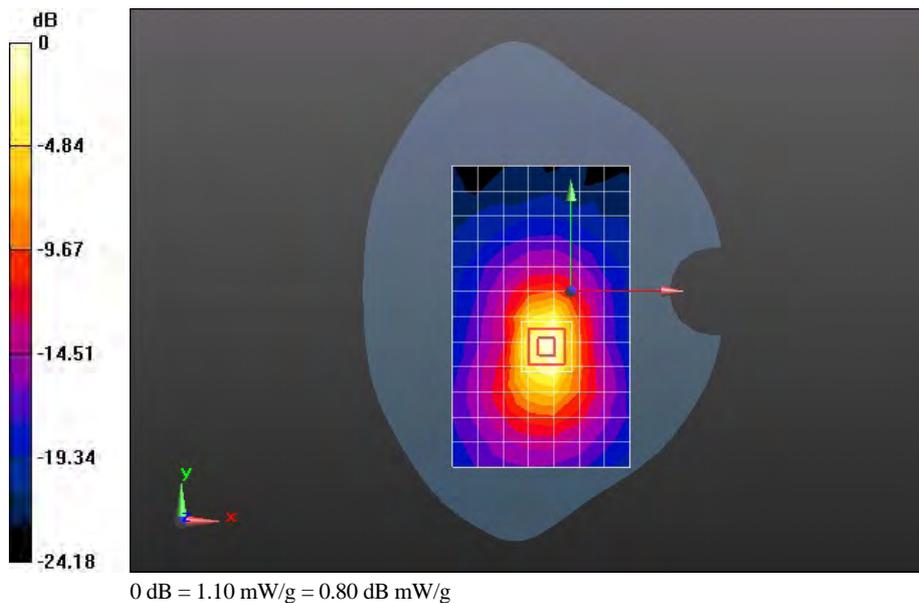
Reference Value = 9.316 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.909 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.563 mW/g**

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

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



Test Laboratory: HUAWEI SAR Lab

### U9501L GSM1900 EGPRS 2TS 661CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 1.15 mW/g

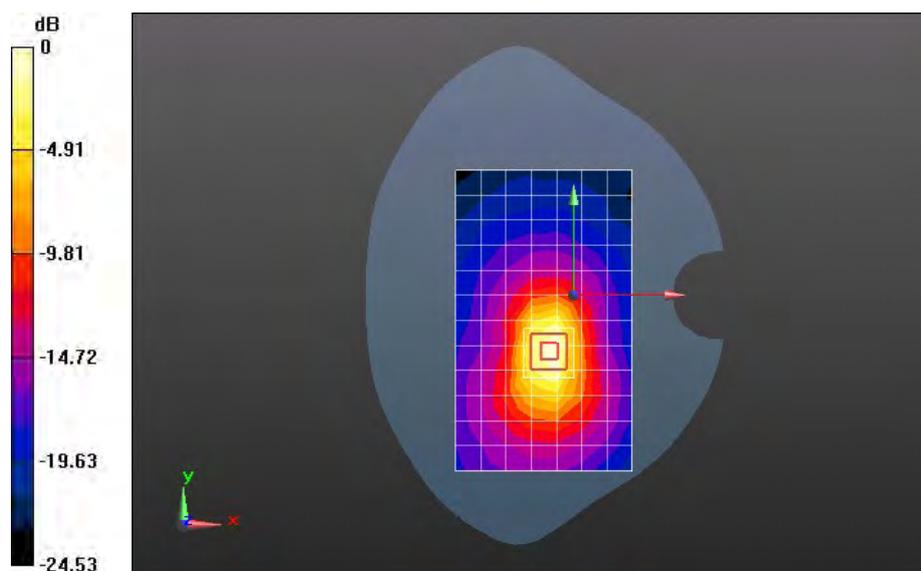
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.401 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.044 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.591 mW/g**

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.15 mW/g = 1.21 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U9501L GSM1900 EGPRS 2TS 810CH Bottom edge 10mm**

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

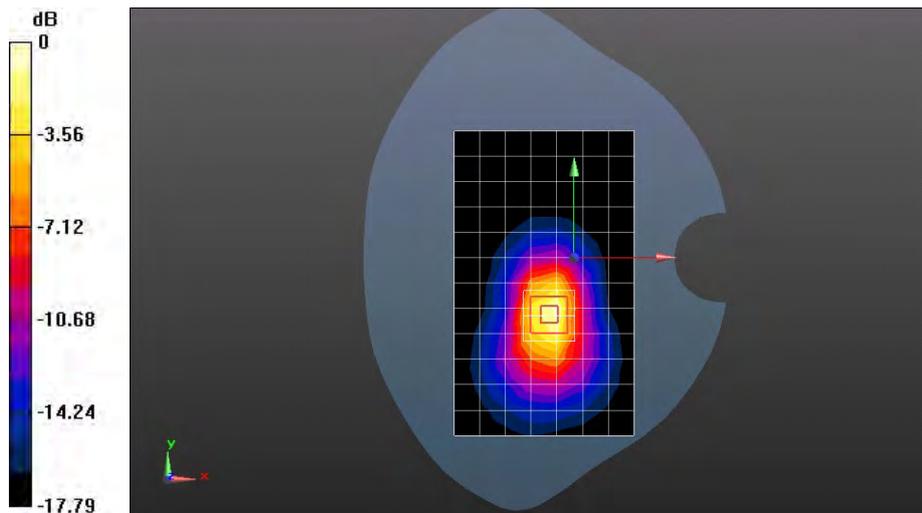
Communication System: HW-GSM/GPRS/EDGE 2TS; Frequency: 1909.8 MHz;  
 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.597$  mho/m;  $\epsilon_r = 52.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY Configuration:

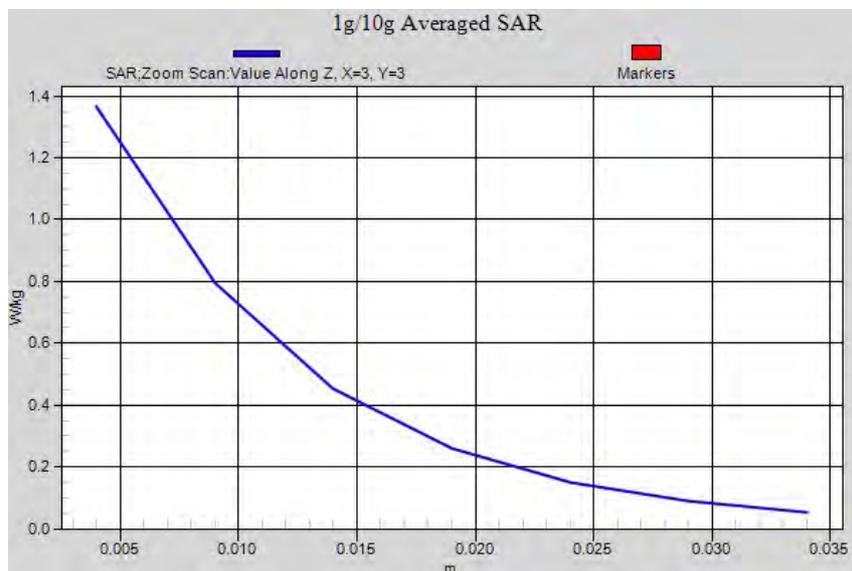
- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 1.16 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 9.116 V/m; Power Drift = -0.00 dB  
 Peak SAR (extrapolated) = 2.095 mW/g  
**SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.607 mW/g**  
 Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 2.67 dB W/kg



Test Laboratory: HUAWEI SAR Lab

**U9501L WO VU'Depf 'X 4182CH Left hand touch cheek****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.917$  mho/m;  $\epsilon_r = 41.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.540 W/kg

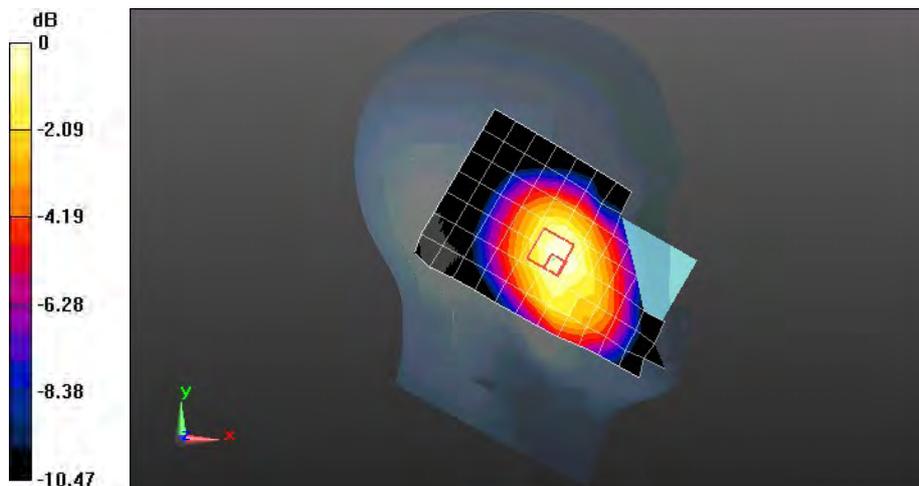
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.078 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.200 mW/g

**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.340 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -5.21 dB W/kg



Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Left hand tilt 15 degree

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.917$  mho/m;  $\epsilon_r = 41.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.307 mW/g

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

Reference Value = 13.138 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.377 mW/g

**SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.231 mW/g**

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

Maximum value of SAR (measured) = 0.318 mW/g

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

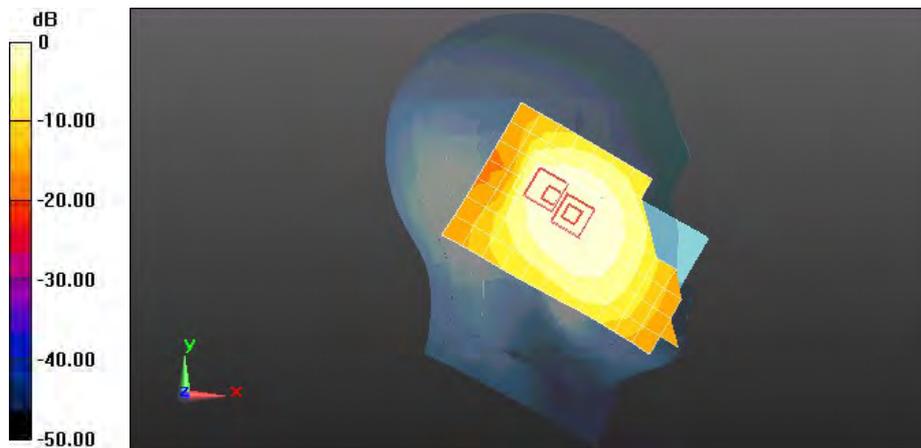
Reference Value = 13.138 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.326 mW/g

**SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.160 mW/g**

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

Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.307 mW/g = -10.26 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Right hand touch cheek

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.917$  mho/m;  $\epsilon_r = 41.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.426 mW/g

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

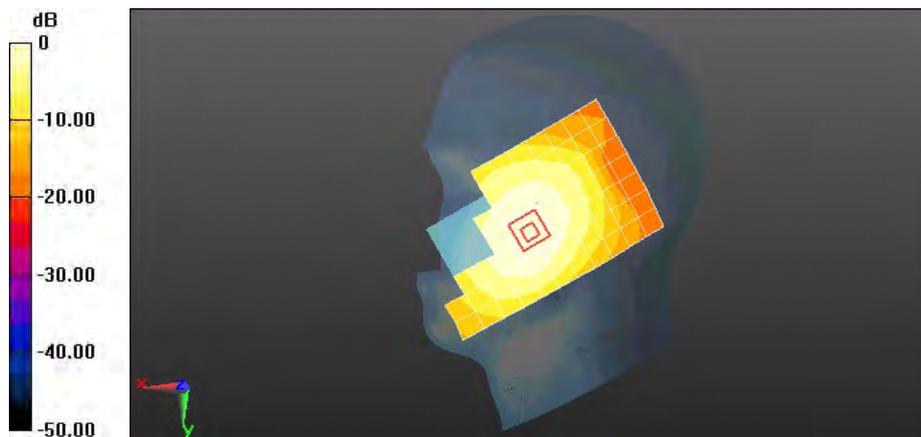
Reference Value = 7.867 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.496 mW/g

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.299 mW/g**

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

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



0 dB = 0.426 mW/g = -7.42 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Right hand tilt 15 degree

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.917$  mho/m;  $\epsilon_r = 41.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.01, 9.01, 9.01); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.300 mW/g

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

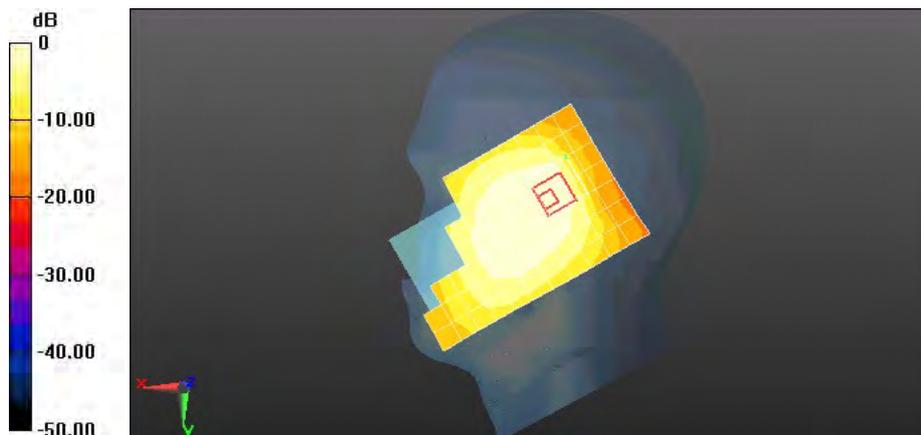
Reference Value = 13.414 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.317 mW/g

**SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.157 mW/g**

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

Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.300 mW/g = -10.47 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Towards phantom 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.614 mW/g

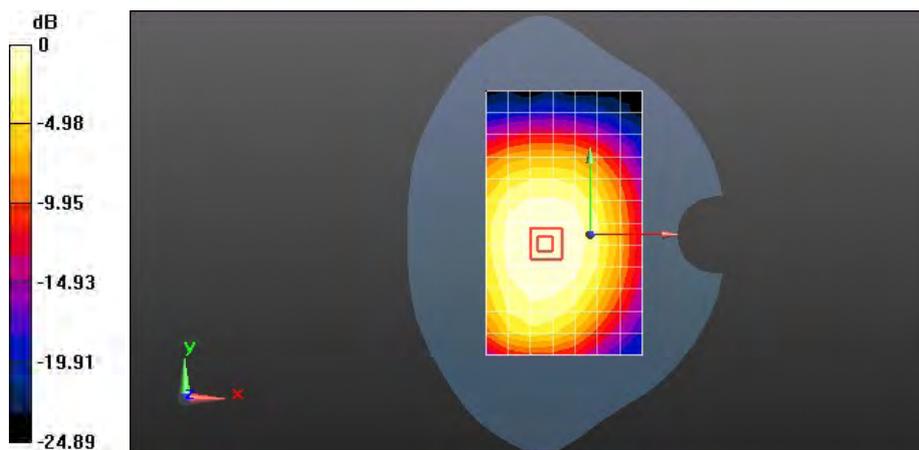
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.171 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.723 mW/g

**SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.452 mW/g**

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



0 dB = 0.614 mW/g = -4.24 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U9501L UMTS Band V 4182CH Towards Ground 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.639 mW/g

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

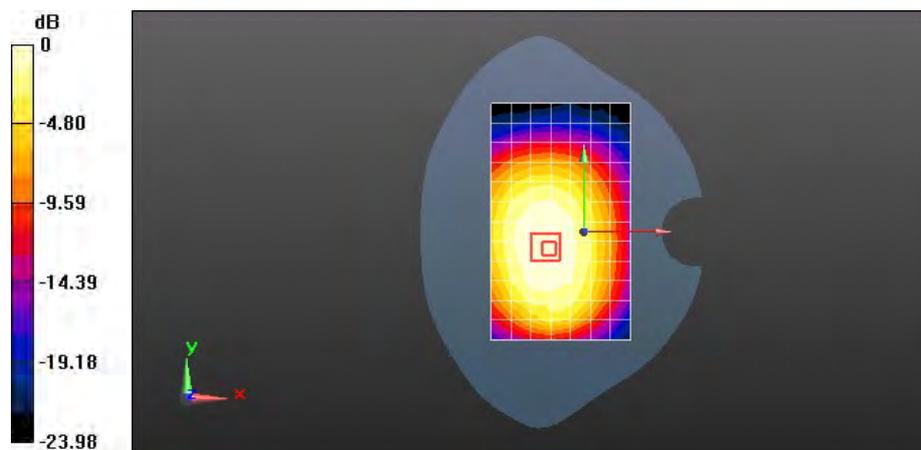
Reference Value = 24.345 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.780 mW/g

**SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.466 mW/g**

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

Maximum value of SAR (measured) = 0.650 mW/g



Test Laboratory: HUAWEI SAR Lab

**U9501L UMTS Band V 4182CH Left edge 10mm****DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.713 W/kg

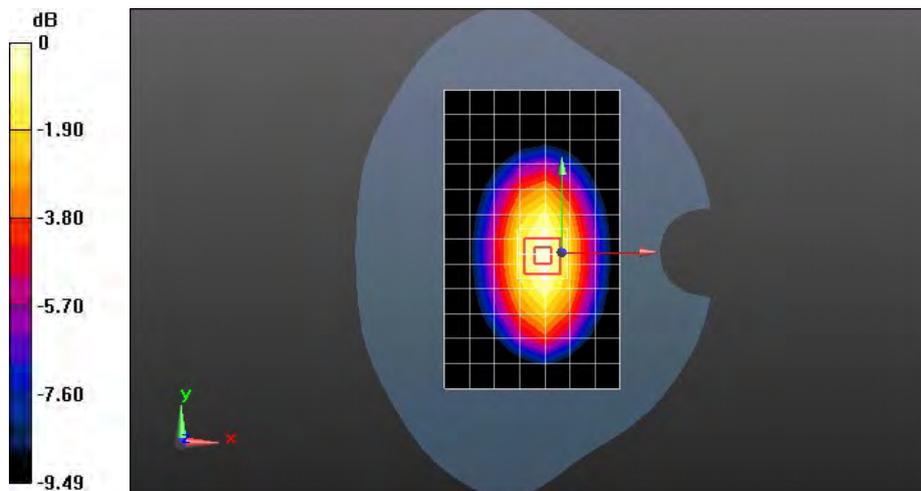
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.420 V/m; Power Drift = 0.01 dB

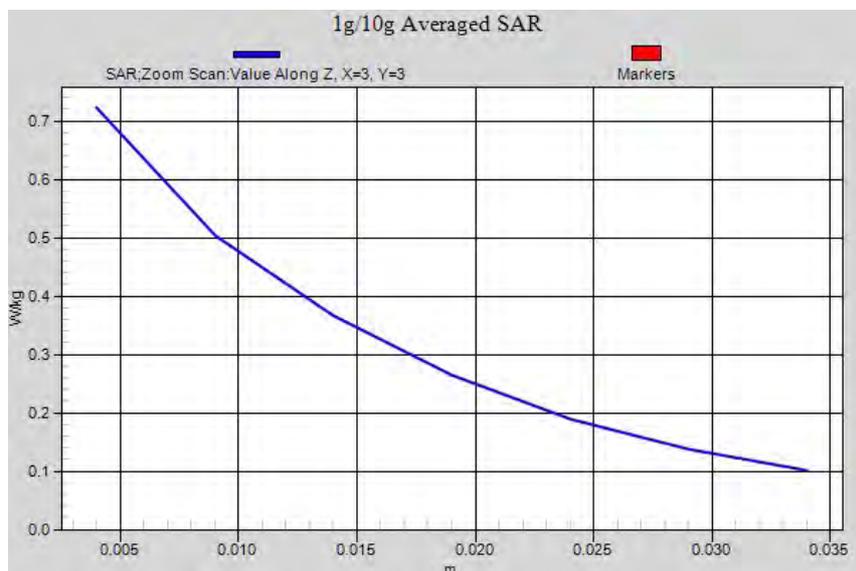
Peak SAR (extrapolated) = 0.952 mW/g

**SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.462 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.723 W/kg = -2.82 dB W/kg



Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Right edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SARI**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.573 mW/g

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

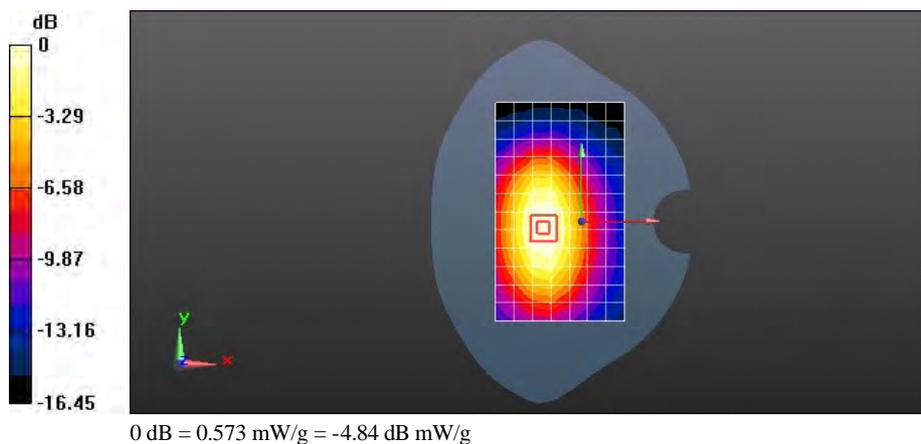
Reference Value = 20.825 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.804 mW/g

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.389 mW/g**

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

Maximum value of SAR (measured) = 0.601 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Bottom edge 10mm

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.163 mW/g

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

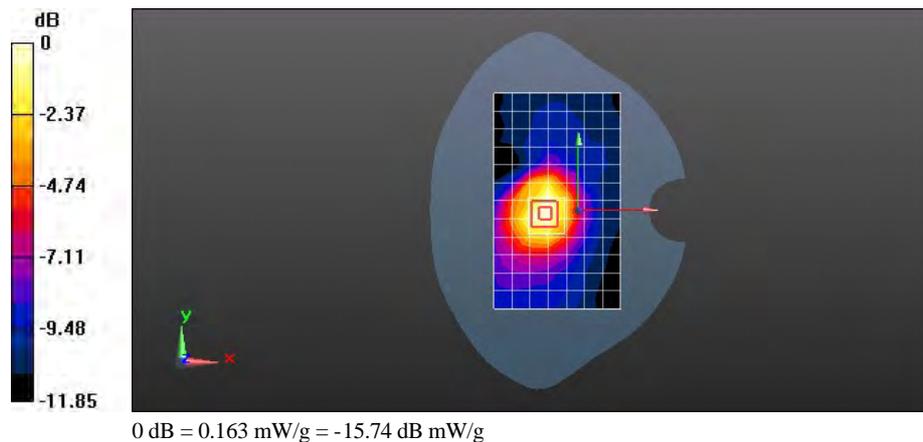
Reference Value = 11.803 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.317 mW/g

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.098 mW/g**

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

Maximum value of SAR (measured) = 0.173 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Left edge 10mm with HSDPA

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.553 mW/g

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

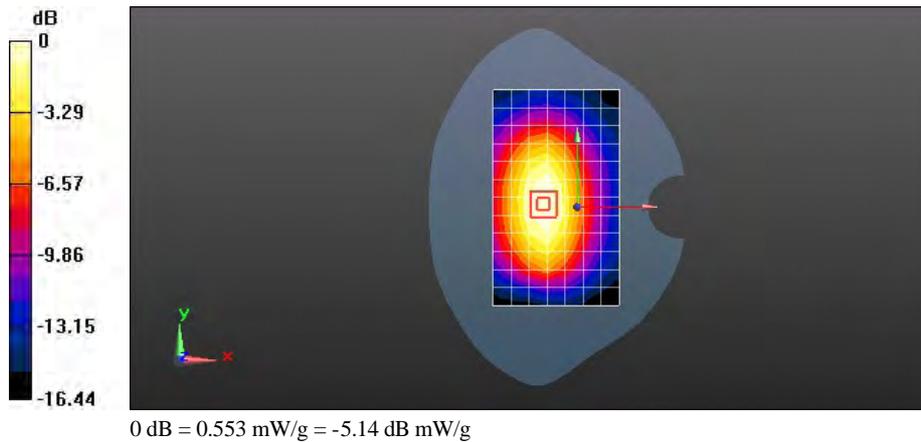
Reference Value = 21.534 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.766 mW/g

**SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.369 mW/g**

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

Maximum value of SAR (measured) = 0.573 mW/g



Test Laboratory: HUAWEI SAR Lab

### U9501L UMTS Band V 4182CH Left edge 10mm with HSUPA

**DUT: U9501L; Type: HSPA+/HSUPA/HSDPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.469 mW/g

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

Reference Value = 17.724 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.785 mW/g

**SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.379 mW/g**

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

Maximum value of SAR (measured) = 0.589 mW/g

