



### Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 190CH Left hand touch cheek

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 42.128$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.235 mW/g

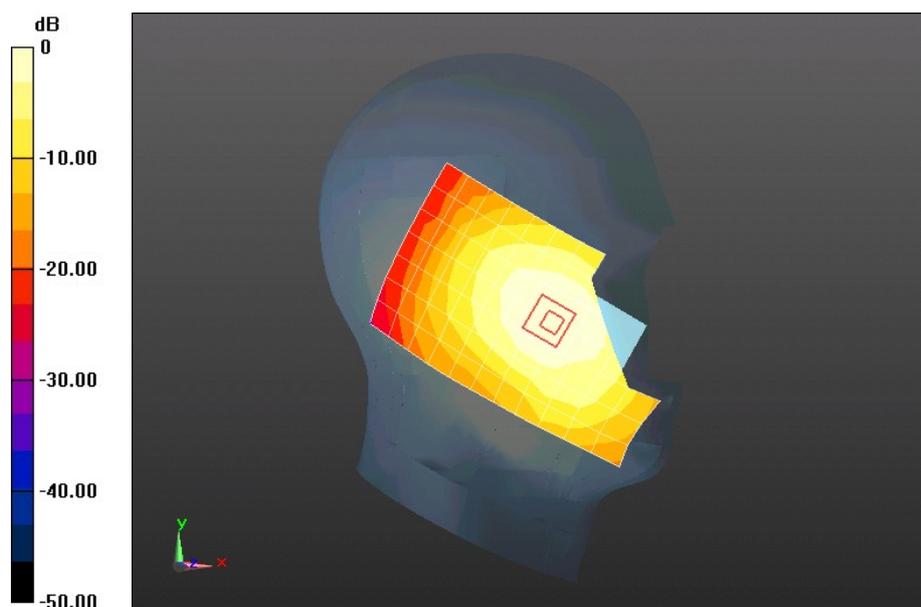
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.875 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.286 mW/g

**SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.235 mW/g = -12.59 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 190CH Left hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 42.128$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.146 mW/g

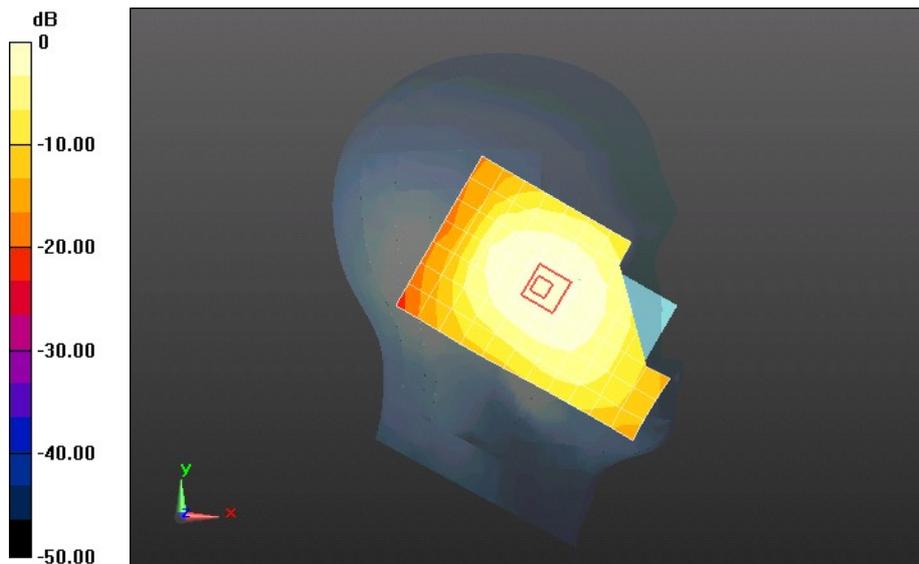
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.477 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.175 mW/g

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.109 mW/g**

Maximum value of SAR (measured) = 0.148 mW/g



0 dB = 0.146 mW/g = -16.71 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 190CH Right hand touch cheek

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 42.128$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.251 mW/g

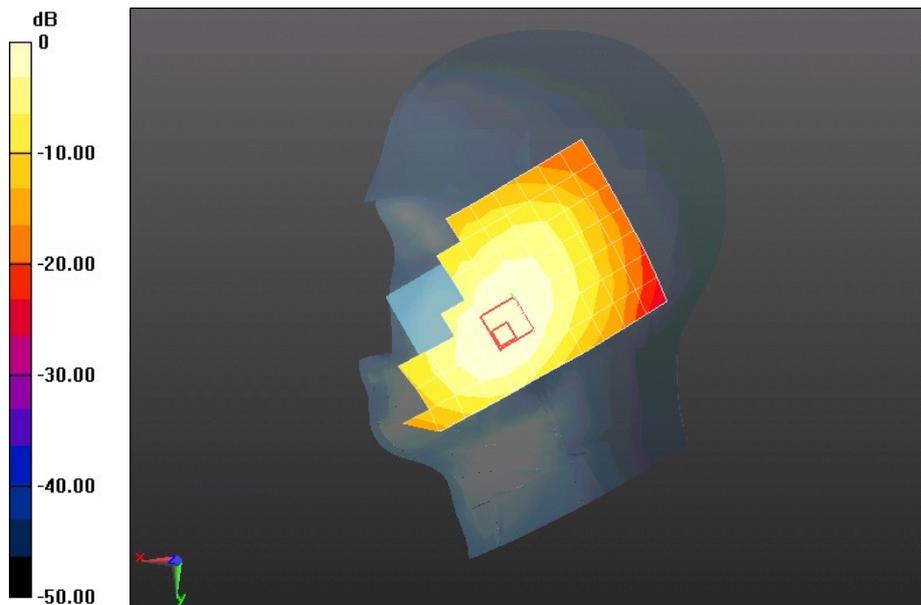
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.327 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.337 mW/g

**SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.261 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 190CH Right hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 42.128$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

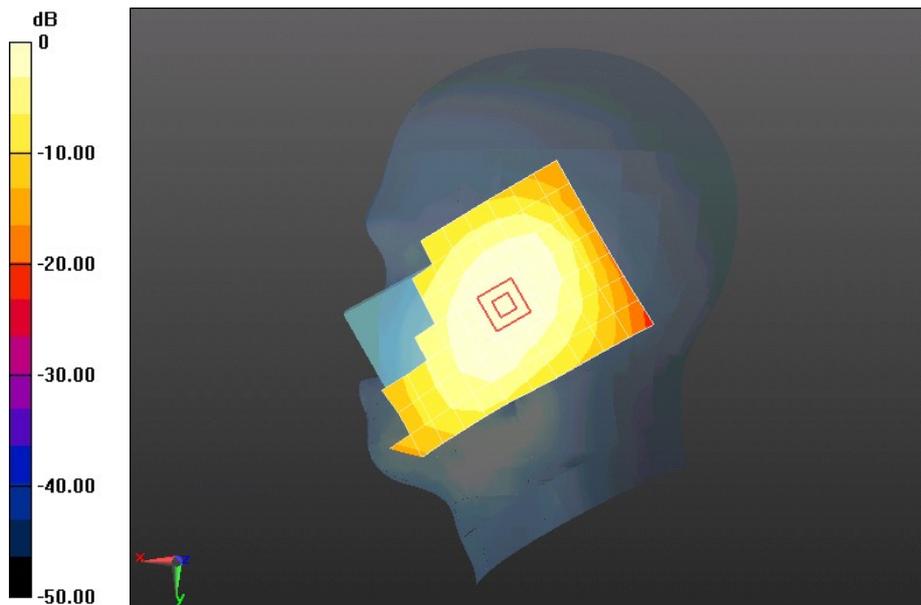
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.359 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.205 mW/g

**SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.171 mW/g = -15.33 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8667 GSM850 190CH Right hand touch cheek with battery SN-MAIC523X03600626**

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

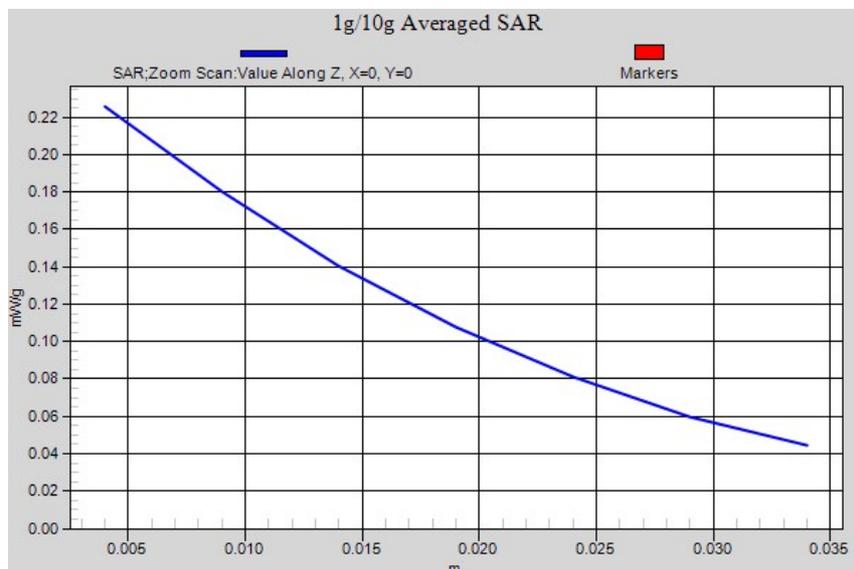
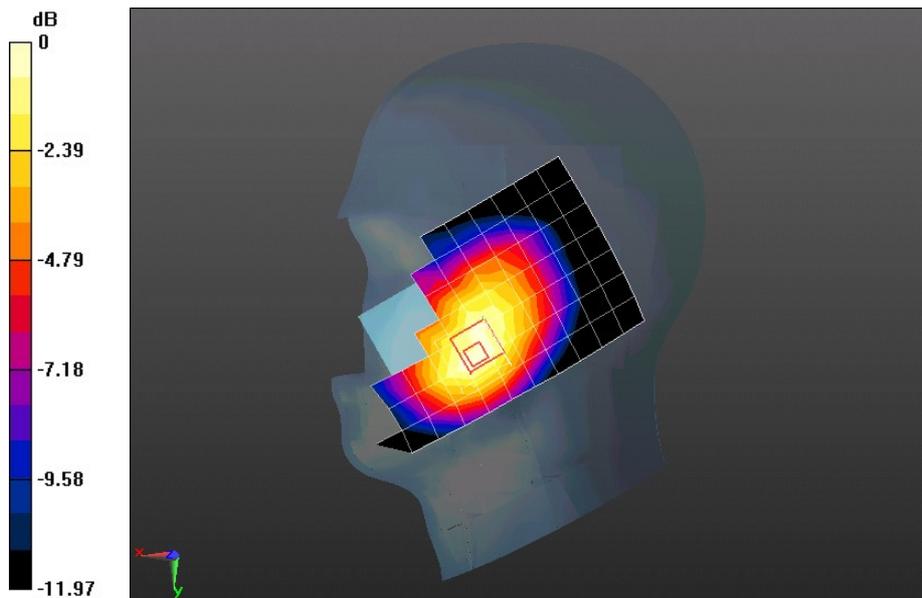
Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 836.6 MHz  
 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.93$  mho/m;  $\epsilon_r = 42.128$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.46, 9.46, 9.46); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 0.258 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 5.430 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 0.356 mW/g  
**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.170 mW/g**  
 Maximum value of SAR (measured) = 0.265 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 GPRS 1TS 190CH Towards phantom 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.295 mW/g

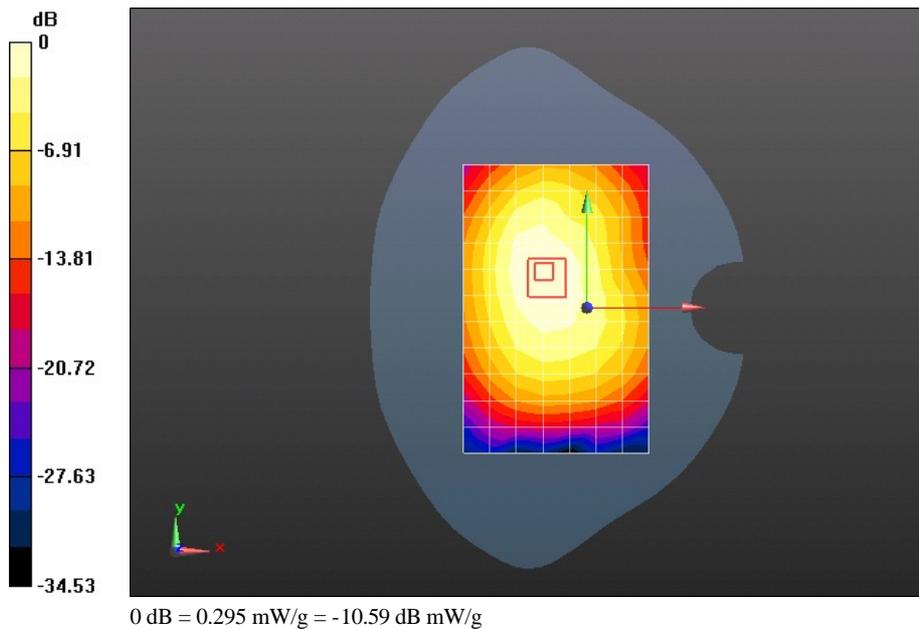
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.255 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.367 mW/g

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.292 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 GPRS 2TS 190CH Towards phantom 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.331 mW/g

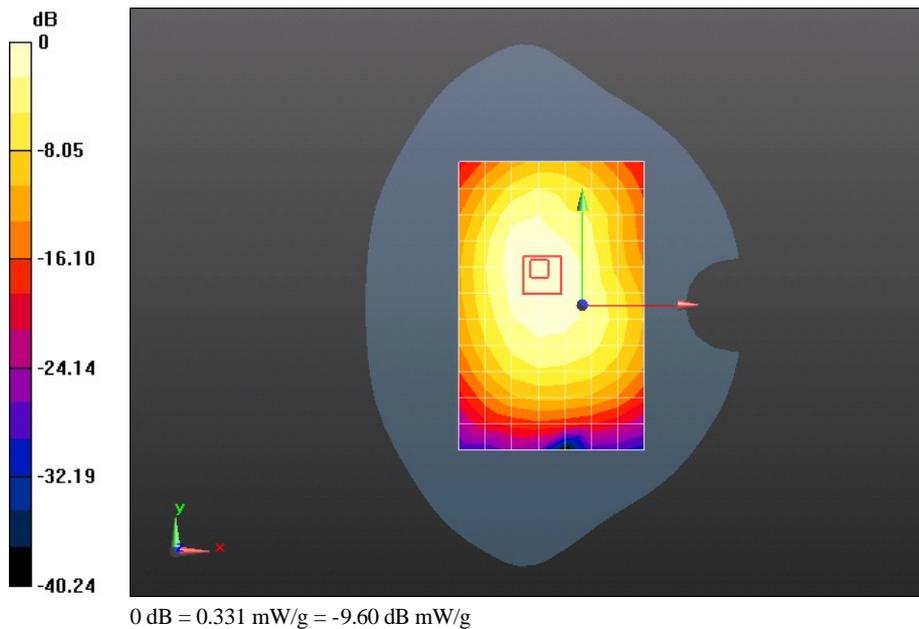
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 16.439 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.412 mW/g

**SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 0.326 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8667 GSM850 GPRS 2TS 190CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.822 mW/g

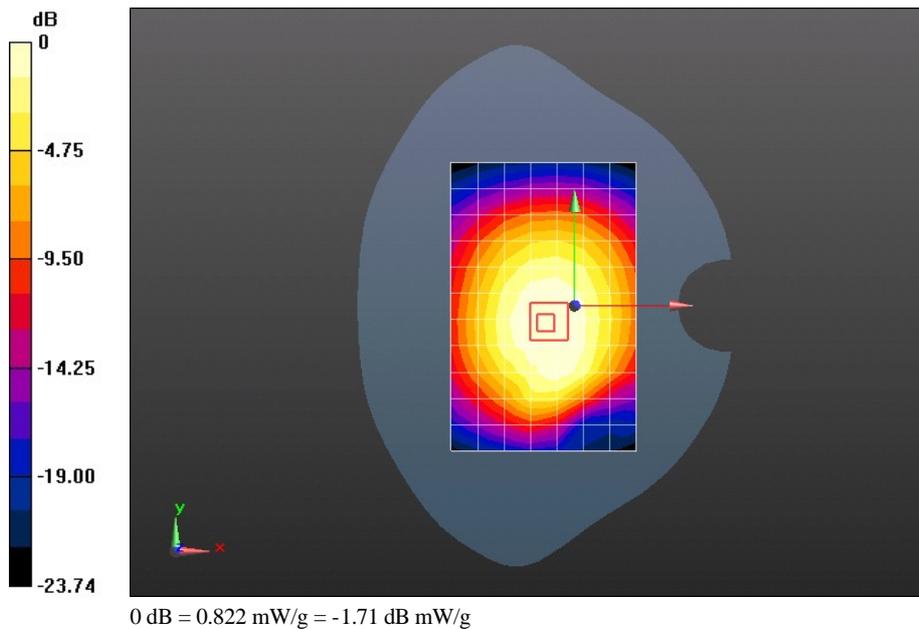
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 28.445 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.019 mW/g

**SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.589 mW/g**

Maximum value of SAR (measured) = 0.838 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 GPRS 2TS 190CH Left edge 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.352 mW/g

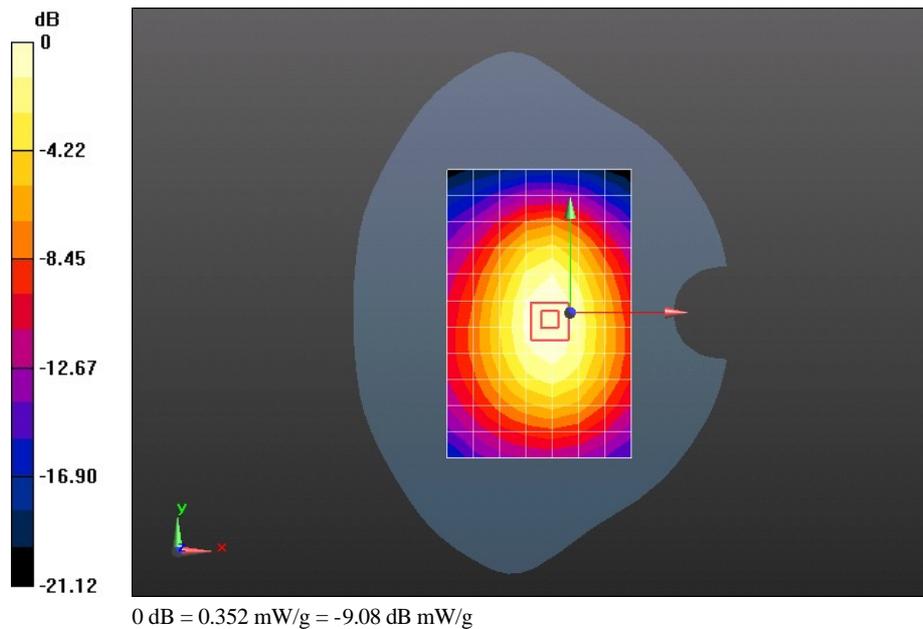
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 18.457 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.457 mW/g

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.230 mW/g**

Maximum value of SAR (measured) = 0.353 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 GPRS 2TS 190CH Right edge 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.356 mW/g

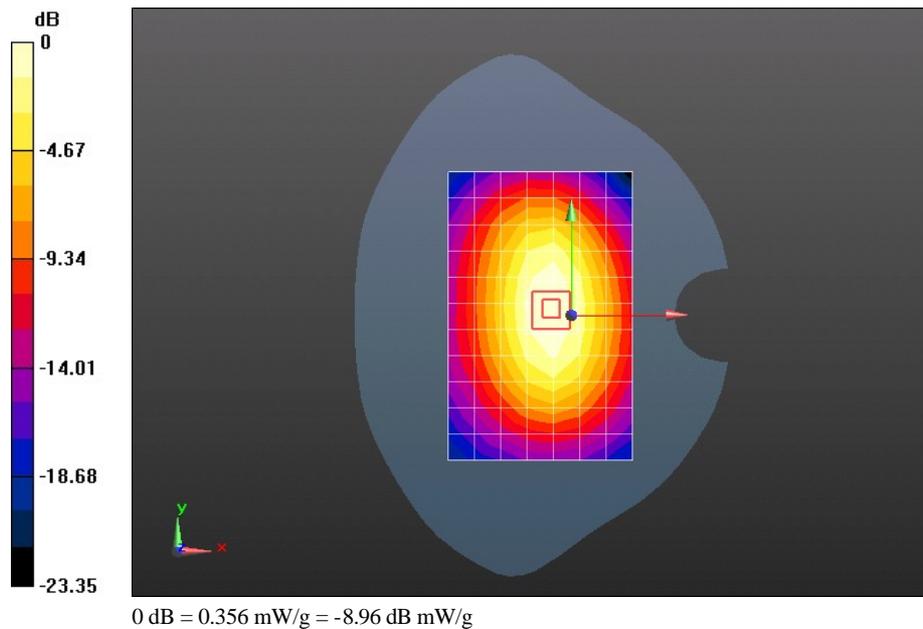
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 18.761 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.452 mW/g

**SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.225 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 GPRS 2TS 190CH Bottom edge 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0670 mW/g

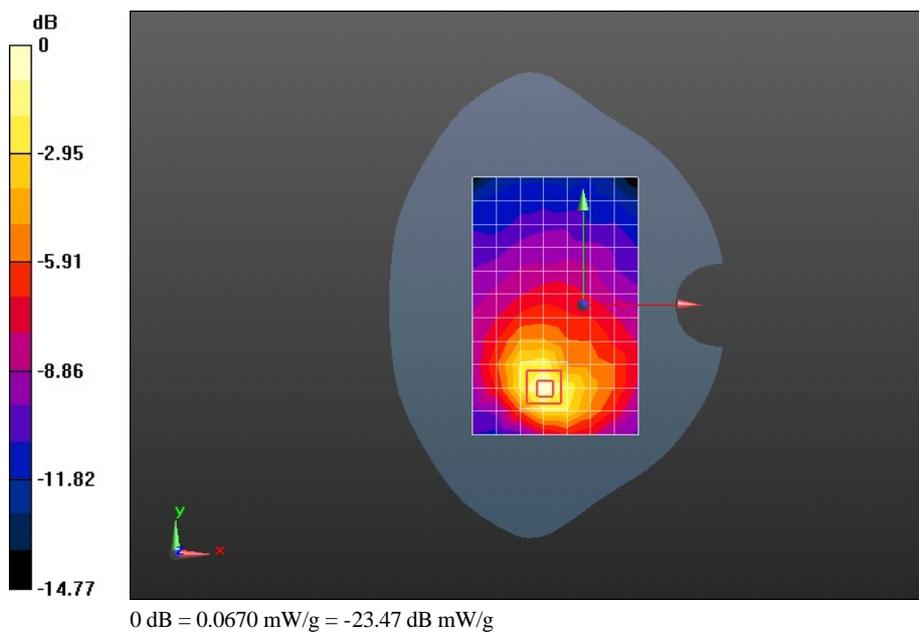
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.756 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.101 mW/g

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.0665 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 EGPRS 1TS 190CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.711 mW/g

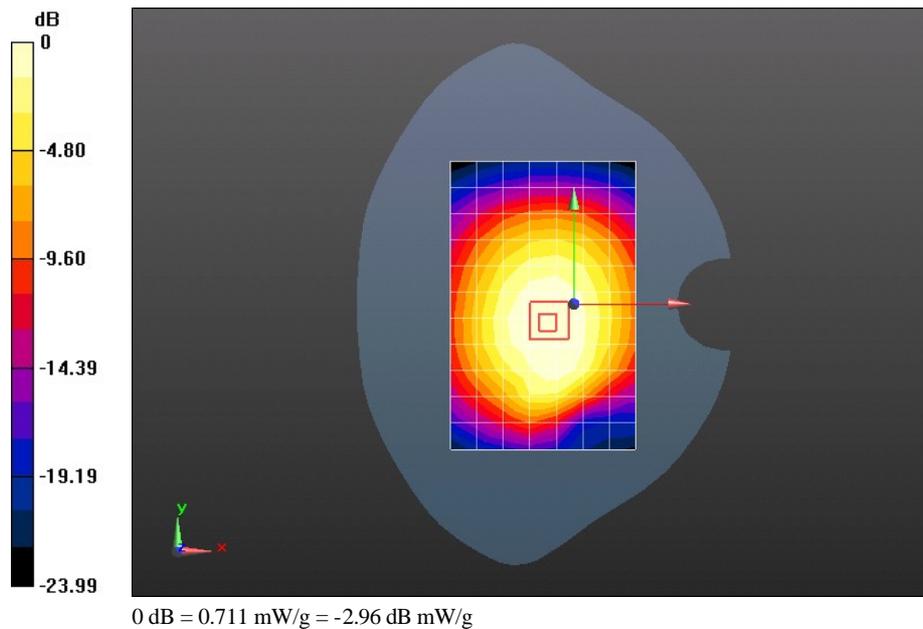
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 26.013 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.869 mW/g

**SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.518 mW/g**

Maximum value of SAR (measured) = 0.729 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8667 GSM850 EGPRS 2TS 128CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 53.254$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.707 mW/g

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

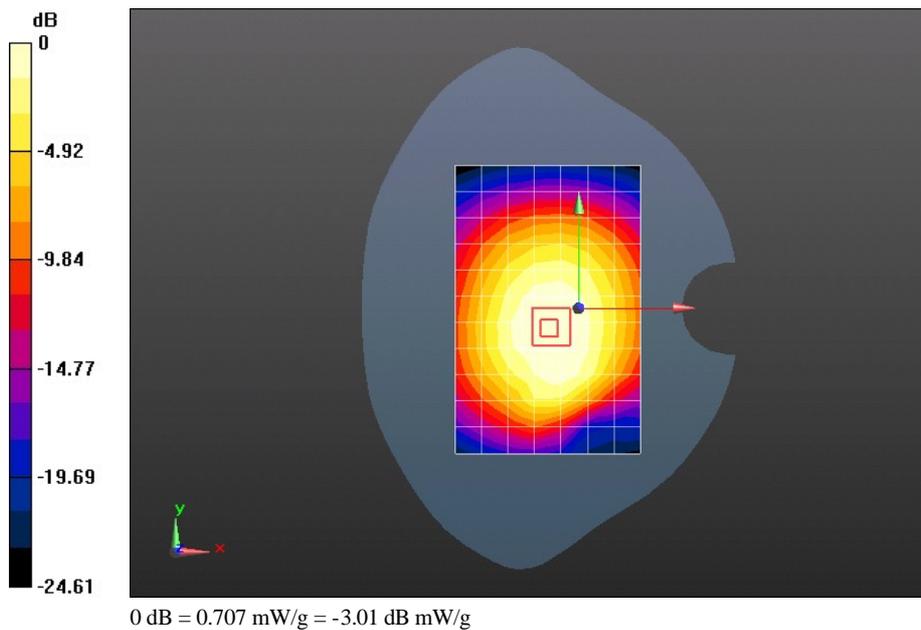
Reference Value = 26.503 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.913 mW/g

**SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.518 mW/g**

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

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



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 EGPRS 2TS 190CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.849 mW/g

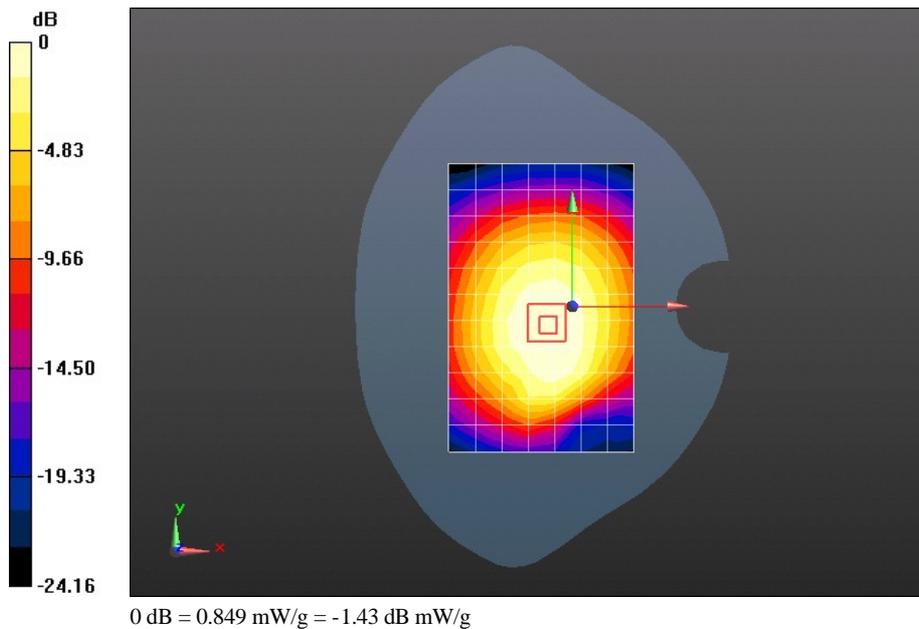
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 28.948 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.044 mW/g

**SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.609 mW/g**

Maximum value of SAR (measured) = 0.864 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM850 EGPRS 2TS 251CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.008$  mho/m;  $\epsilon_r = 52.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.831 mW/g

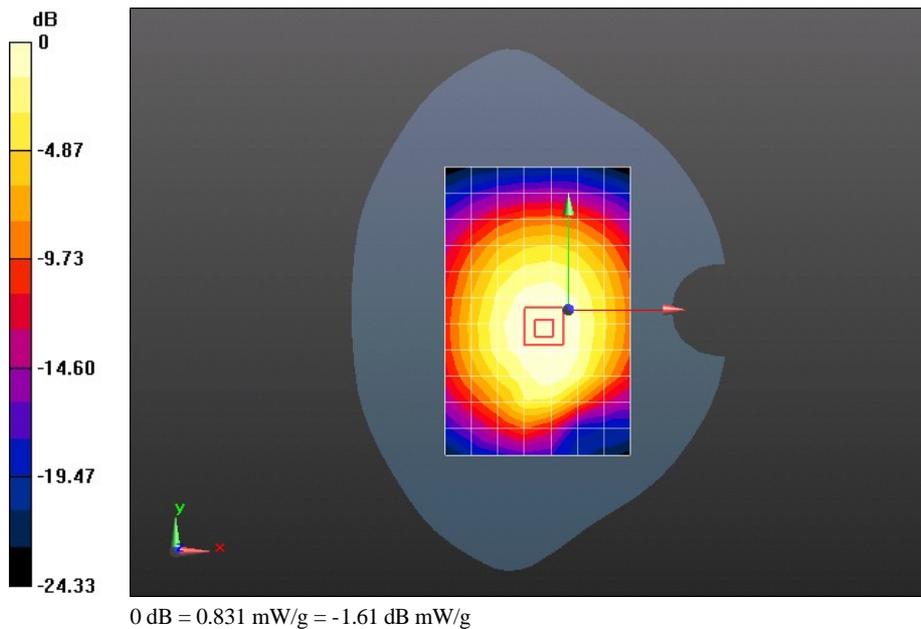
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 28.181 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.024 mW/g

**SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.590 mW/g**

Maximum value of SAR (measured) = 0.841 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8667 GSM850 190CH Towards Ground 10mm with Headset

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.604 mW/g

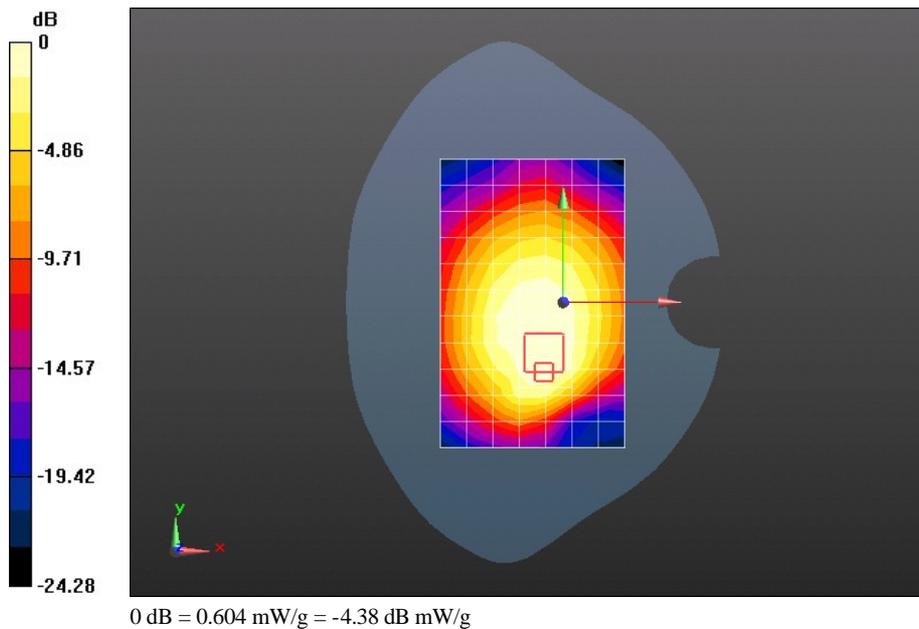
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.003 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.799 mW/g

**SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.396 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

**U8667 GSM850 EGPRS 2TS 190CH Towards Ground 10mm with Battery SN-MAIC523X03600626****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.64, 9.64, 9.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.905 mW/g

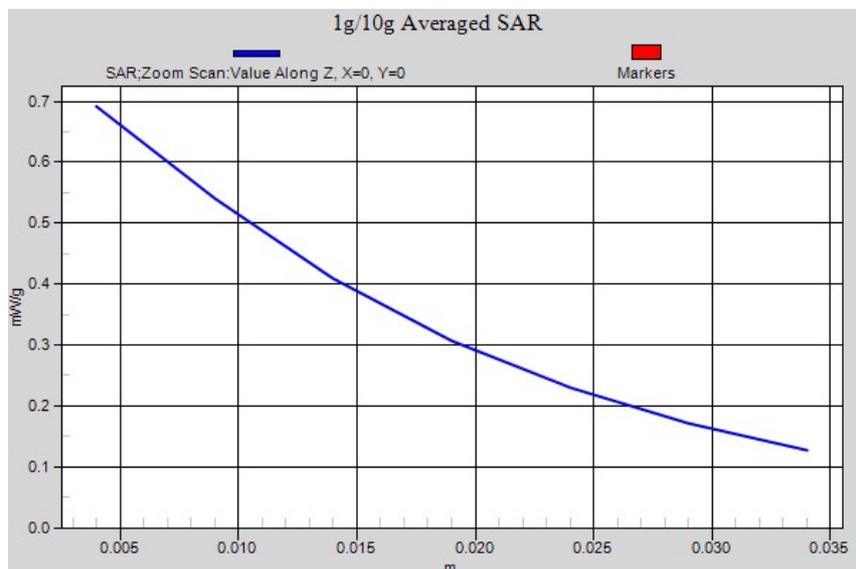
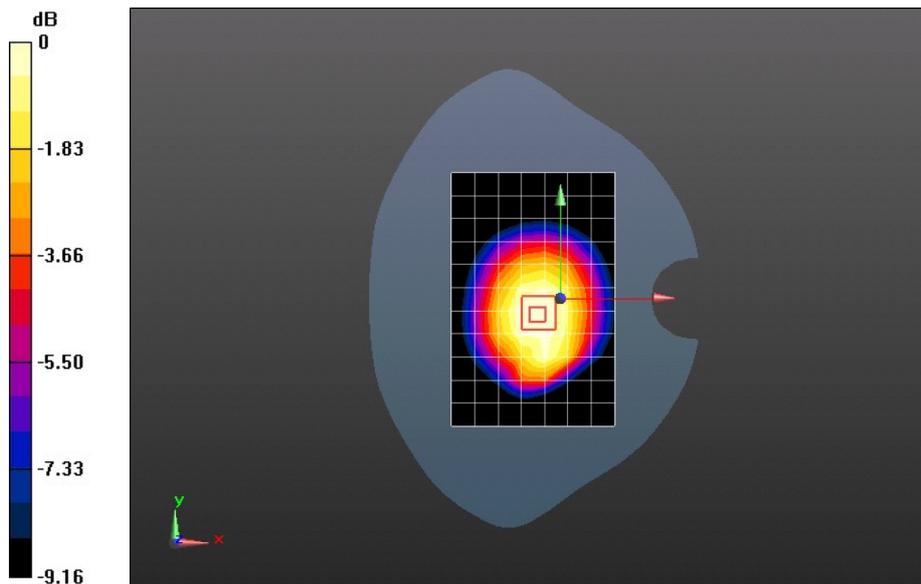
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 30.173 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.093 mW/g

**SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.628 mW/g**

Maximum value of SAR (measured) = 0.892 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 661CH Left hand touch cheek

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

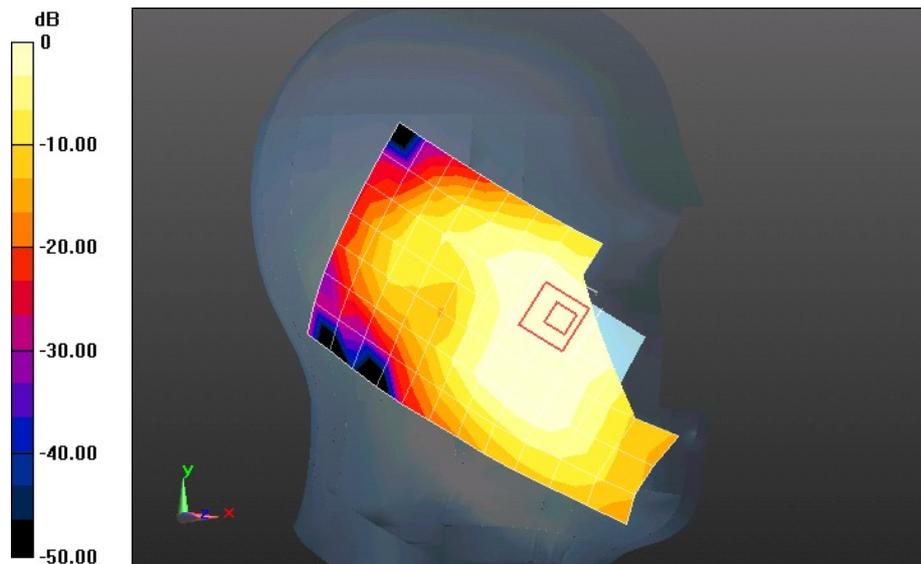
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.239 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.409 mW/g

**SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 0.299 mW/g



0 dB = 0.285 mW/g = -10.90 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 661CH Left hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

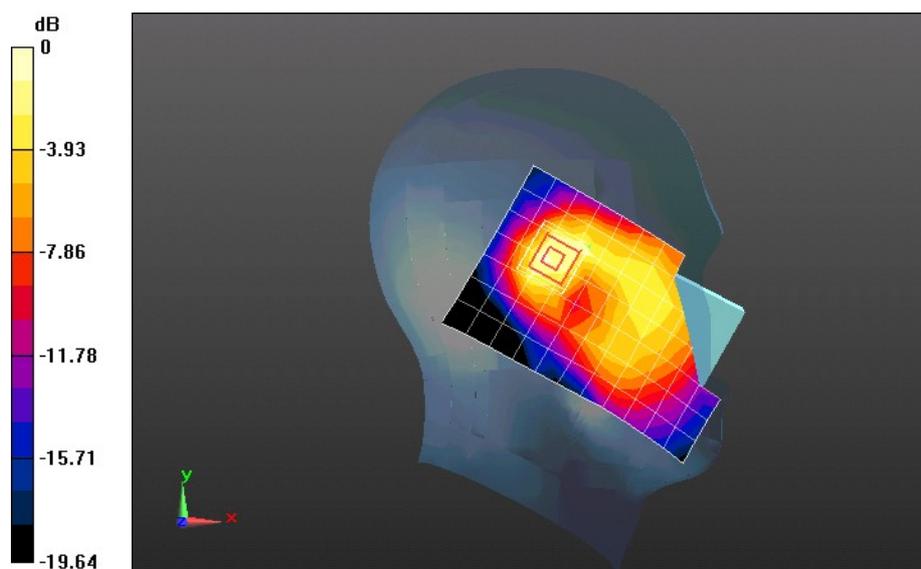
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.356 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.199 mW/g

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.064 mW/g**

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



0 dB = 0.129 mW/g = -17.79 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 661CH Right hand touch cheek

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.515 mW/g

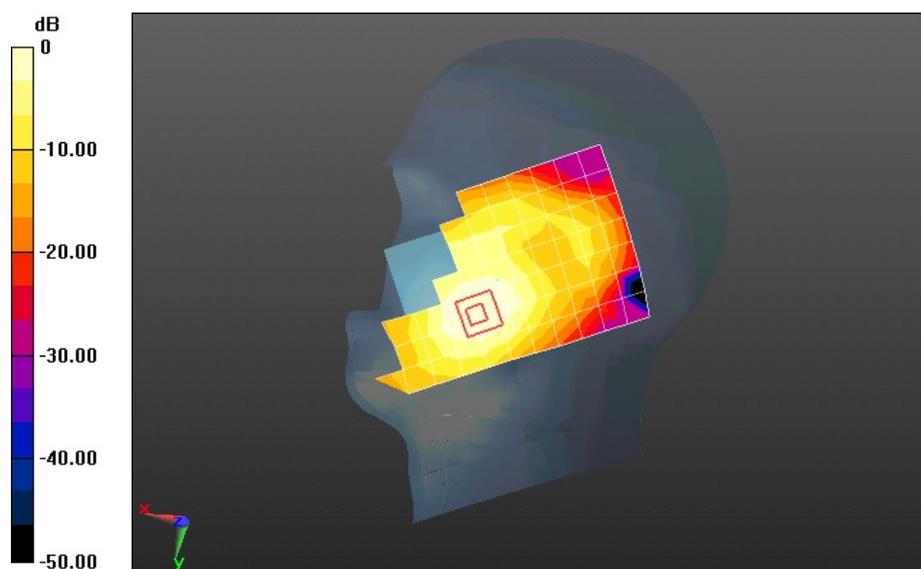
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.603 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.739 mW/g

**SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.297 mW/g**

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



0 dB = 0.515 mW/g = -5.77 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 661CH Right hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.148 mW/g

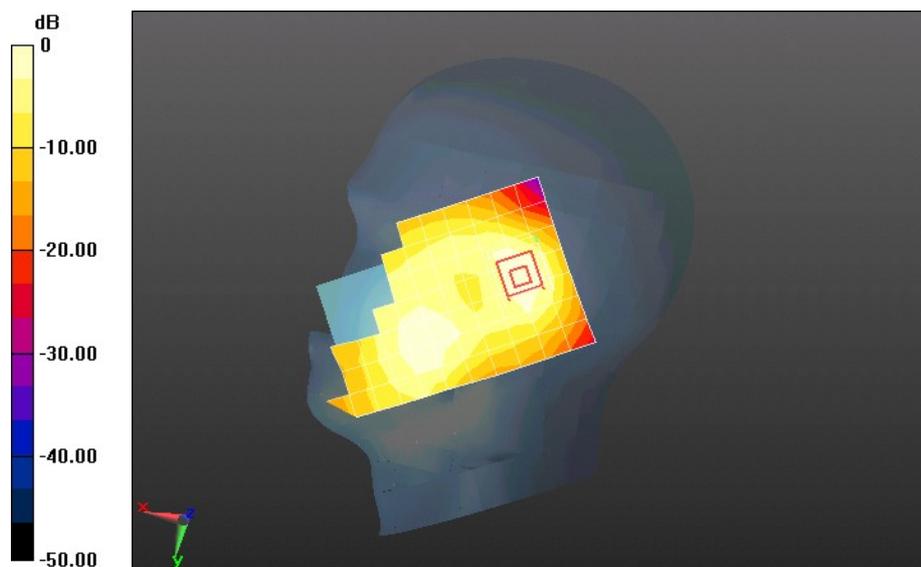
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.362 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.248 mW/g

**SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.148 mW/g = -16.59 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8667 GSM1900 661CH Right hand touch cheek with battery SN-MAIC523X03600626****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 39.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

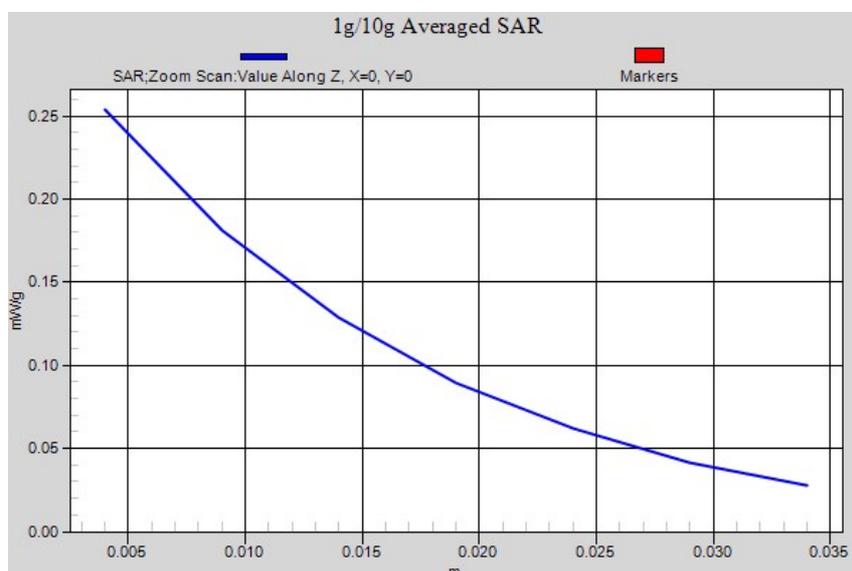
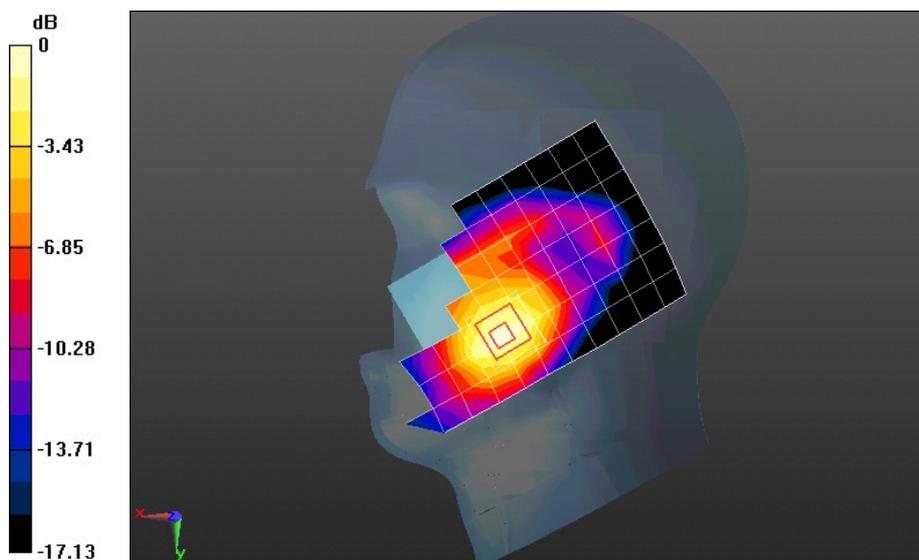
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.251 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.782 mW/g

**SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.311 mW/g**

Maximum value of SAR (measured) = 0.564 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 GPRS 1TS 661CH Towards phantom 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

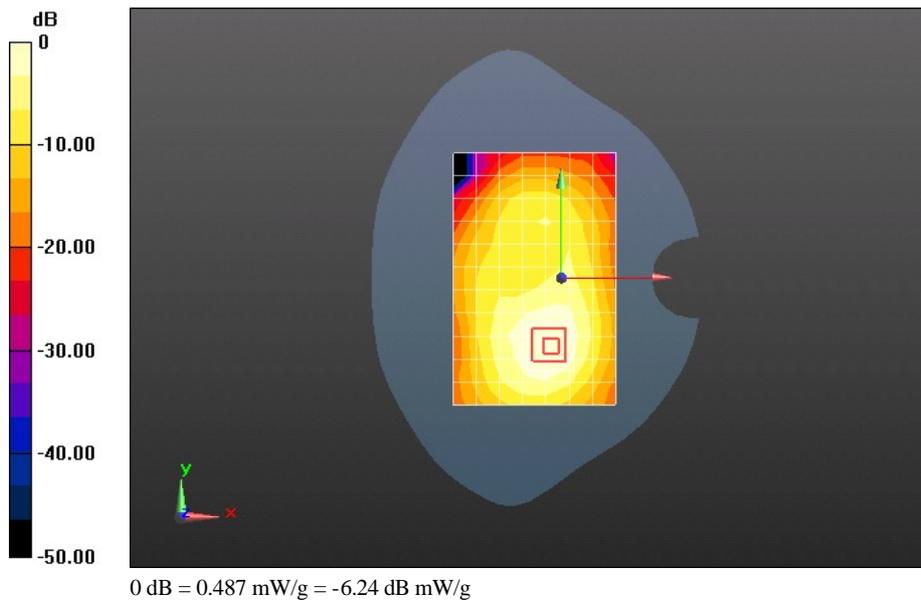
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.939 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.782 mW/g

**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.282 mW/g**

Maximum value of SAR (measured) = 0.531 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 GPRS 2TS 661CH Towards phantom 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.488 mW/g

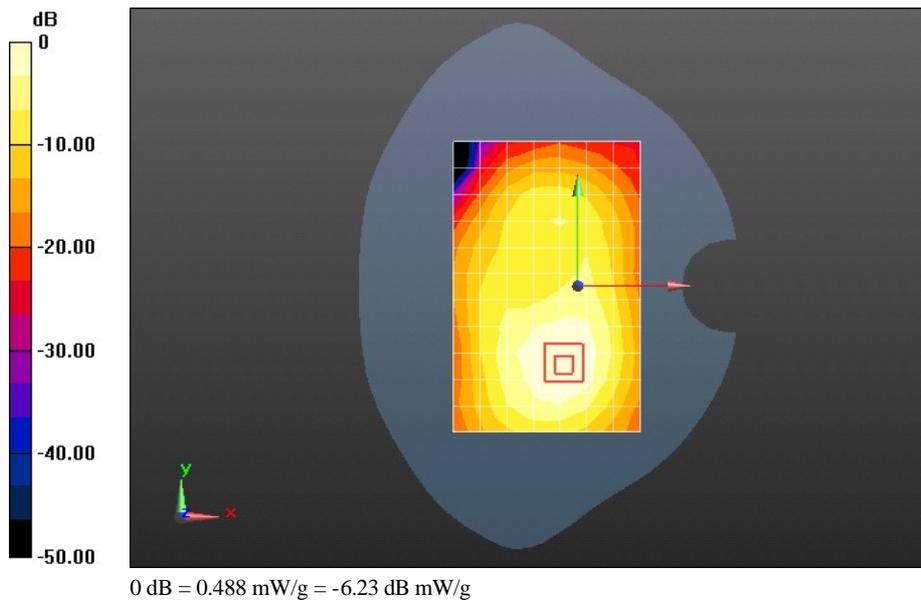
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.883 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.786 mW/g

**SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.279 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

**U8667 GSM1900 GPRS 1TS 661CH Towards Ground 10mm**

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

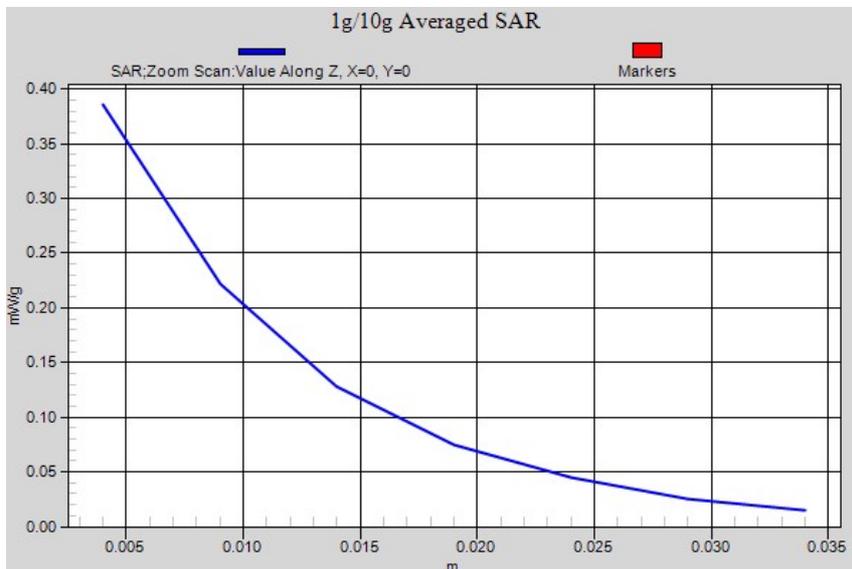
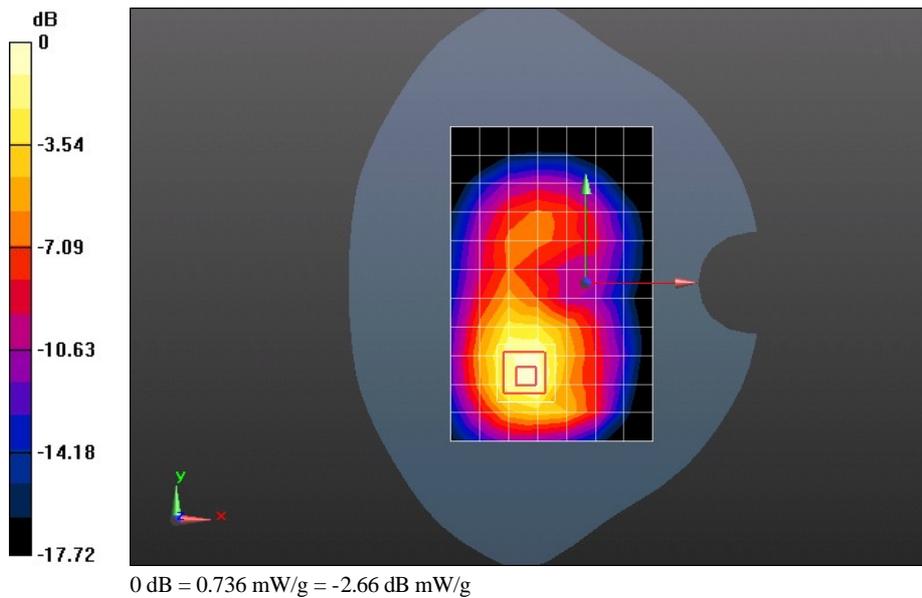
Communication System: HW-GSM/GPRS/EDGE 1TS; Frequency: 1880 MHz  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.546$  mho/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 0.653 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 6.597 V/m; Power Drift = 0.16 dB  
 Peak SAR (extrapolated) = 1.093 mW/g  
**SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.388 mW/g**  
 Maximum value of SAR (measured) = 0.736 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8667 GSM1900 GPRS 1TS 661CH Left edge 10mm****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0673 mW/g

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

Reference Value = 6.519 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.111 mW/g

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.0689 mW/g

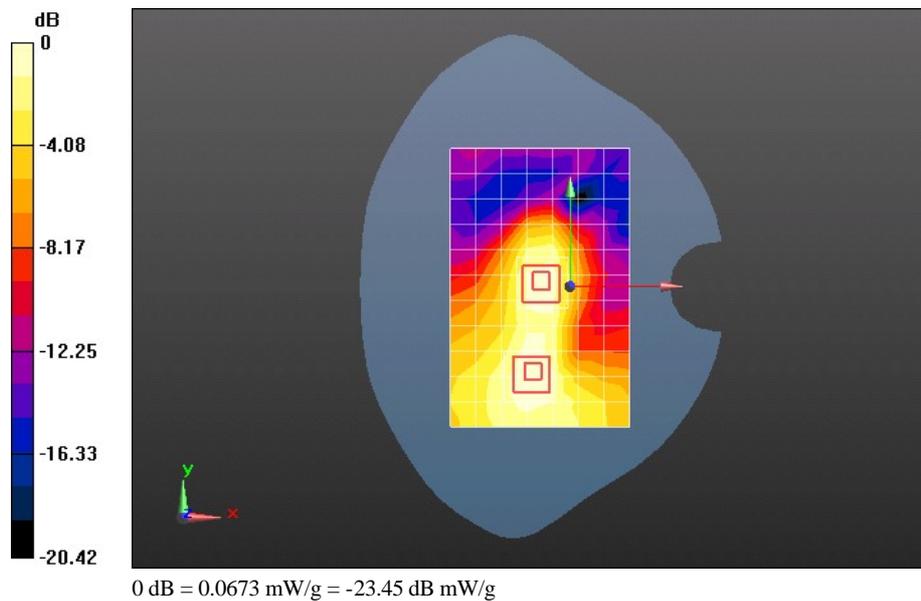
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.519 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.105 mW/g

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.0676 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 GPRS 1TS 661CH Right edge 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

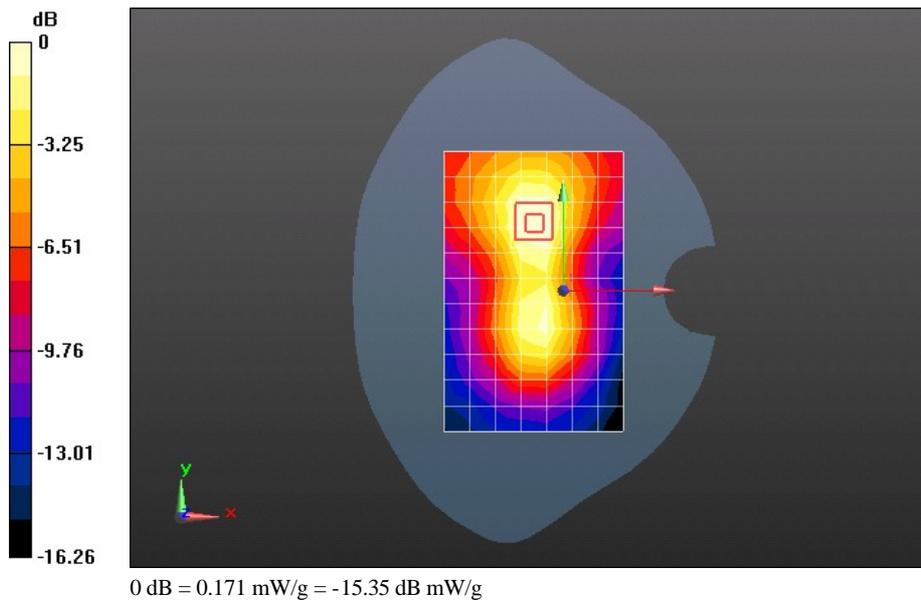
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.927 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.315 mW/g

**SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.103 mW/g**

Maximum value of SAR (measured) = 0.199 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 GPRS 1TS 661CH Bottom edge 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.327 mW/g

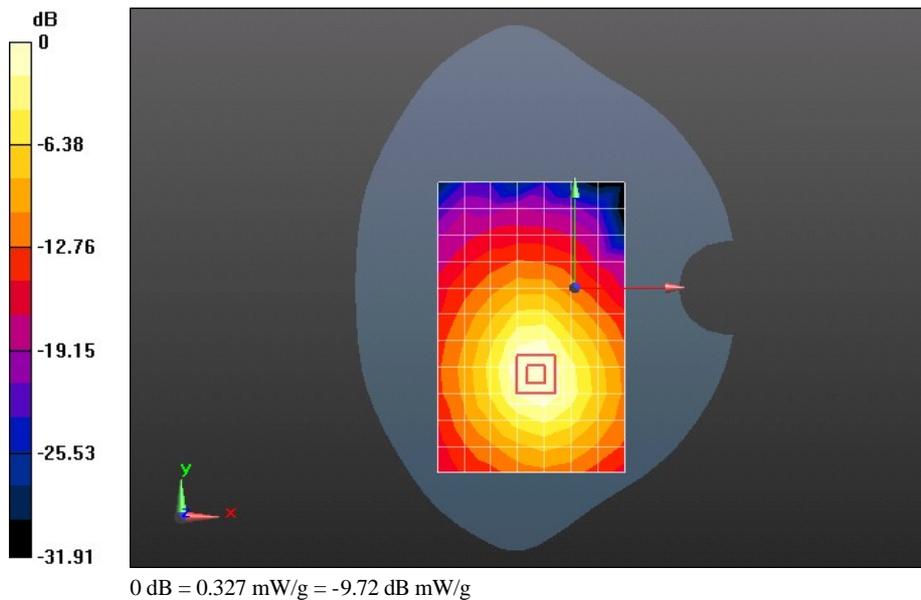
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.960 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.565 mW/g

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.190 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 EGPRS 1TS 661CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

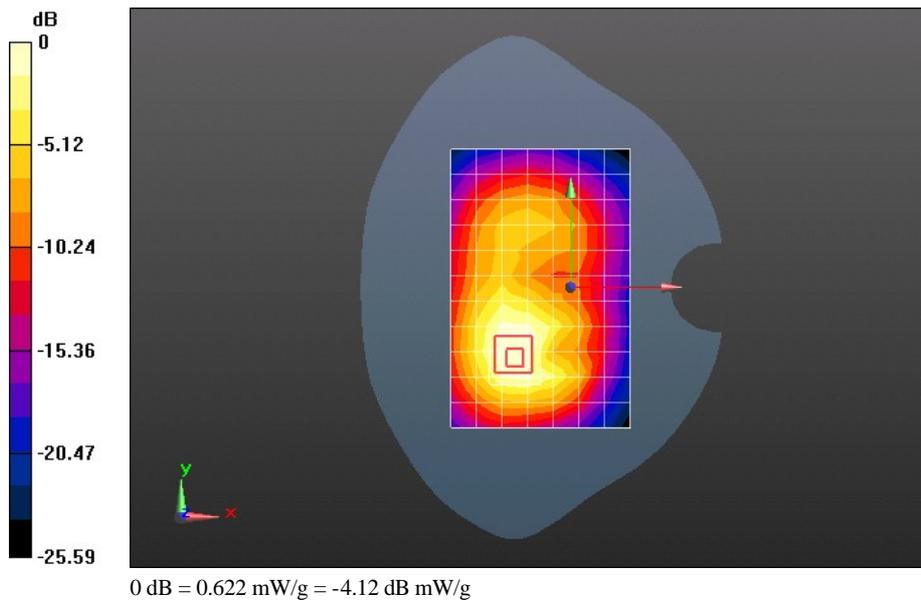
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.224 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.071 mW/g

**SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.379 mW/g**

Maximum value of SAR (measured) = 0.731 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.629 mW/g

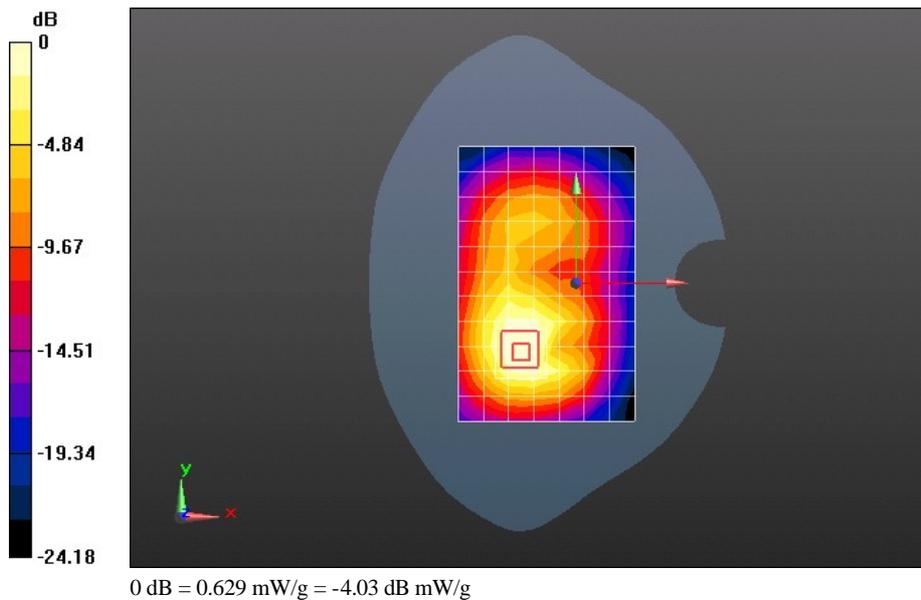
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.335 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.100 mW/g

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.382 mW/g**

Maximum value of SAR (measured) = 0.746 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 GSM1900 661CH Towards Ground 10mm with Headset

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.489 mW/g

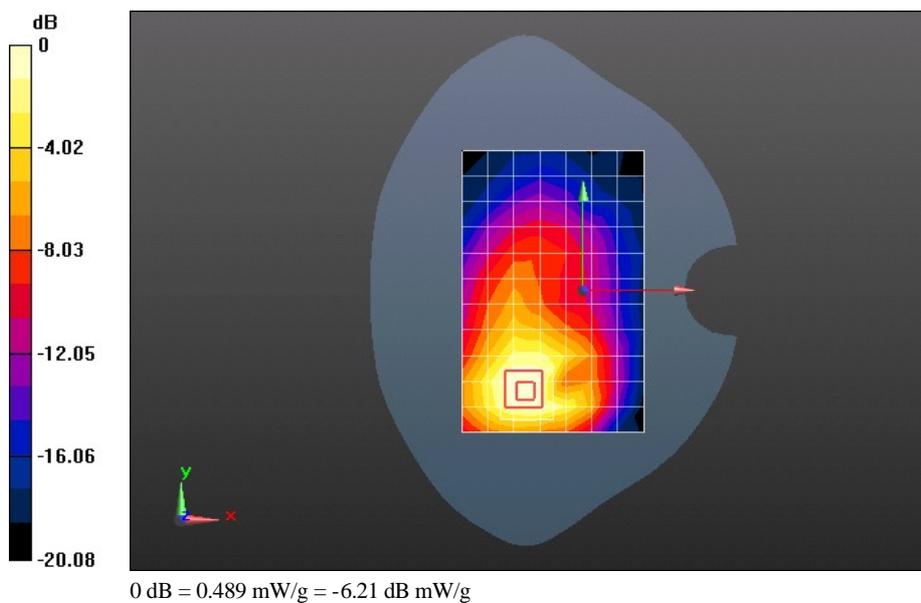
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.043 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.895 mW/g

**SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.301 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

## U8667 GSM1900 GPRS 1TS 661CH Towards Ground 10mm with battery MAIC523X03600626

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.634 mW/g

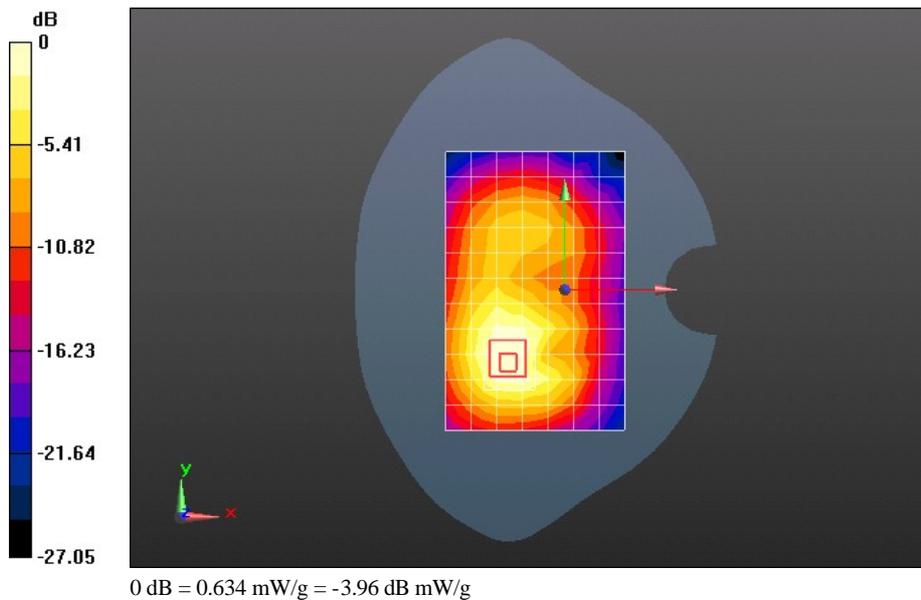
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.217 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.099 mW/g

**SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.741 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1700 1413CH Left hand touch cheek

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.386$  mho/m;  $\epsilon_r = 40.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.64, 8.64, 8.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.624 mW/g

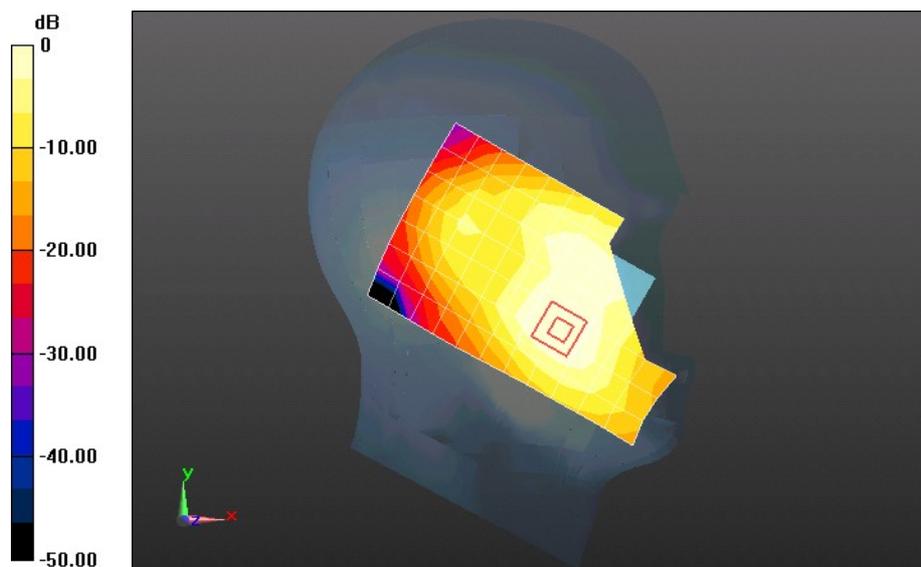
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.138 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.052 mW/g

**SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.393 mW/g**

Maximum value of SAR (measured) = 0.731 mW/g



0 dB = 0.624 mW/g = -4.10 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1700 1413CH Left hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.386$  mho/m;  $\epsilon_r = 40.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.64, 8.64, 8.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.244 mW/g

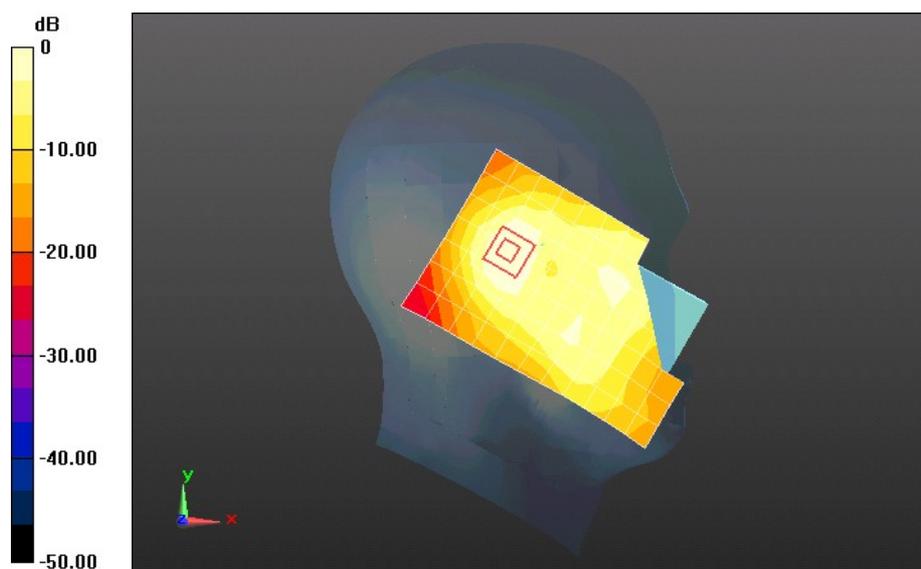
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.288 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.433 mW/g

**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.244 mW/g = -12.25 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1700 1312CH Right hand touch check

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.363$  mho/m;  $\epsilon_r = 40.783$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.64, 8.64, 8.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

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

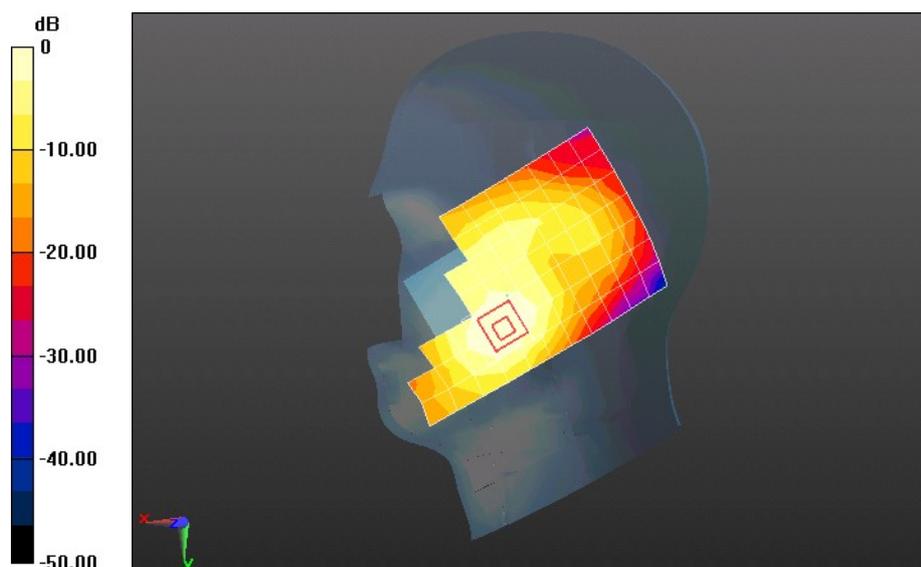
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.202 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.485 mW/g

**SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.576 mW/g**

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



0 dB = 1.05 mW/g = 0.40 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1700 1413CH Right hand touch check

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.386$  mho/m;  $\epsilon_r = 40.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.64, 8.64, 8.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

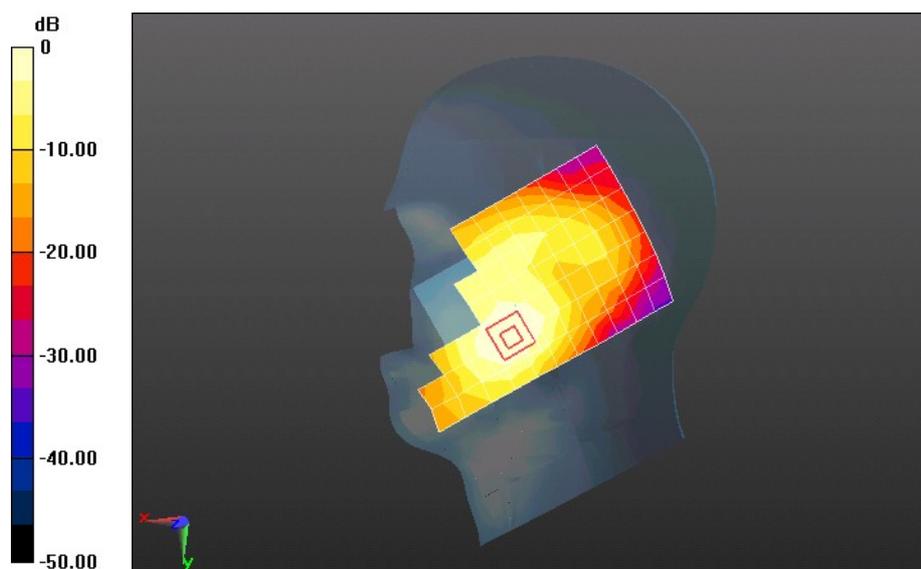
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.423 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.276 mW/g

**SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.492 mW/g**

Maximum value of SAR (measured) = 0.890 mW/g



0 dB = 0.898 mW/g = -0.94 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1700 1513CH Right hand touch check****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.391$  mho/m;  $\epsilon_r = 40.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.64, 8.64, 8.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

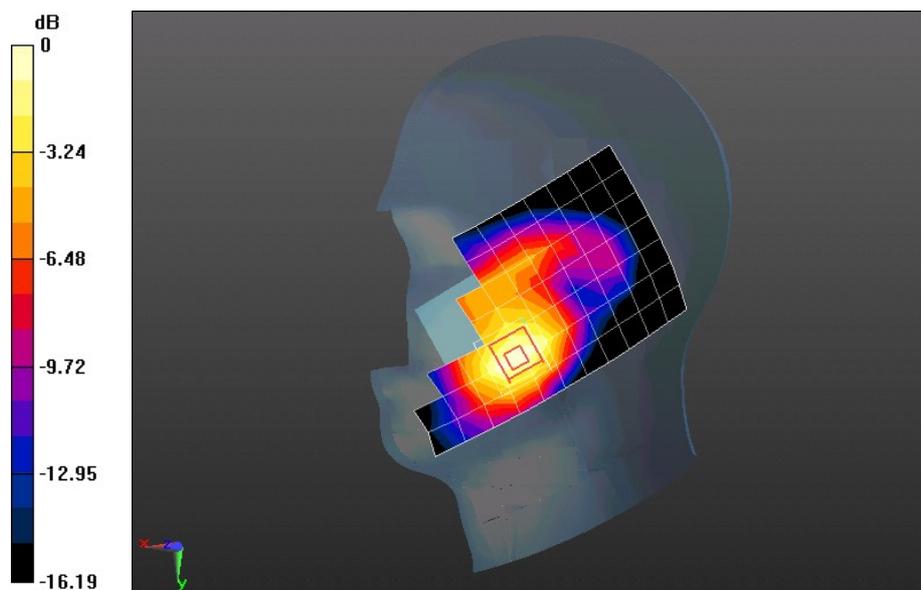
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.686 V/m; Power Drift = 0.07 dB

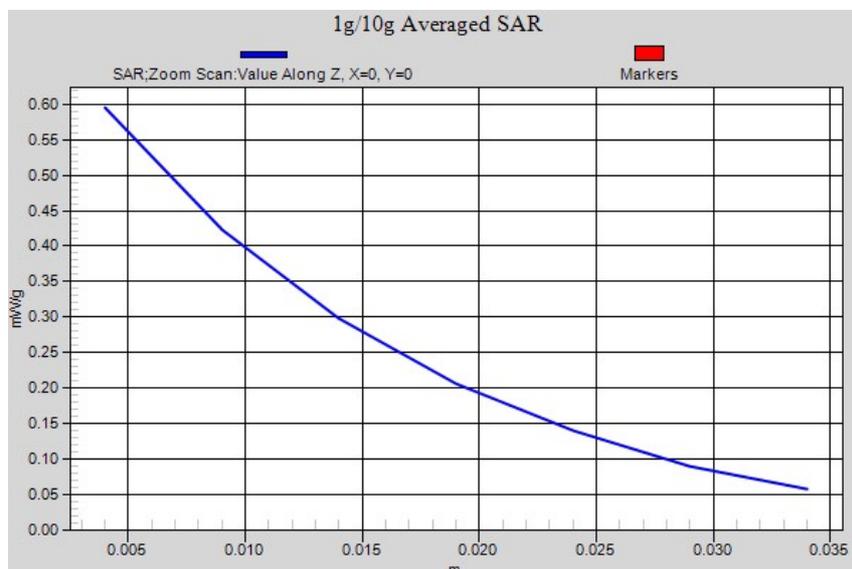
Peak SAR (extrapolated) = 1.709 mW/g

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.649 mW/g**

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



0 dB = 1.19 mW/g = 1.51 dB mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1700 1413CH Right hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.386$  mho/m;  $\epsilon_r = 40.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.64, 8.64, 8.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.314 mW/g

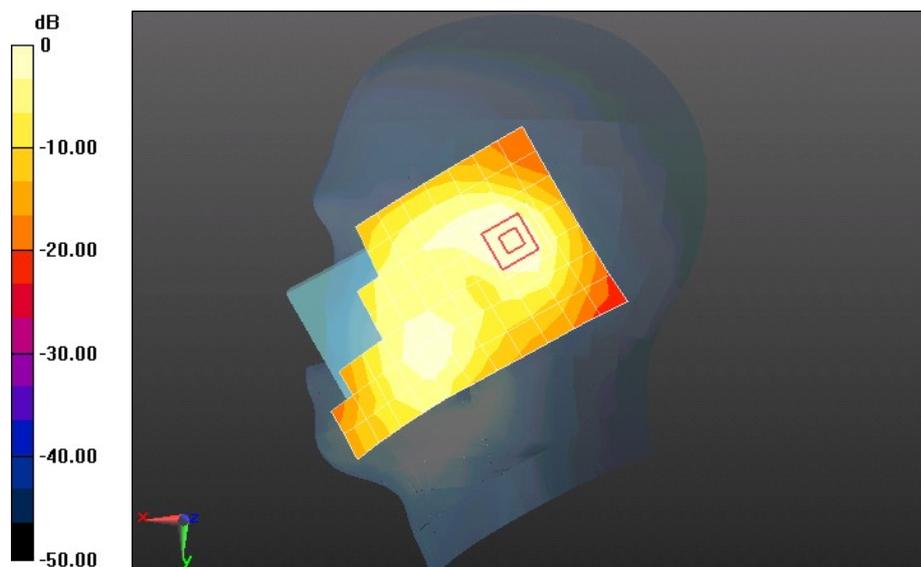
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.276 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.520 mW/g

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.175 mW/g**

Maximum value of SAR (measured) = 0.342 mW/g



0 dB = 0.314 mW/g = -10.05 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1700 1513CH Right hand touch cheek with Battery SN-MAIC523X03600626

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.391$  mho/m;  $\epsilon_r = 40.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.64, 8.64, 8.64); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

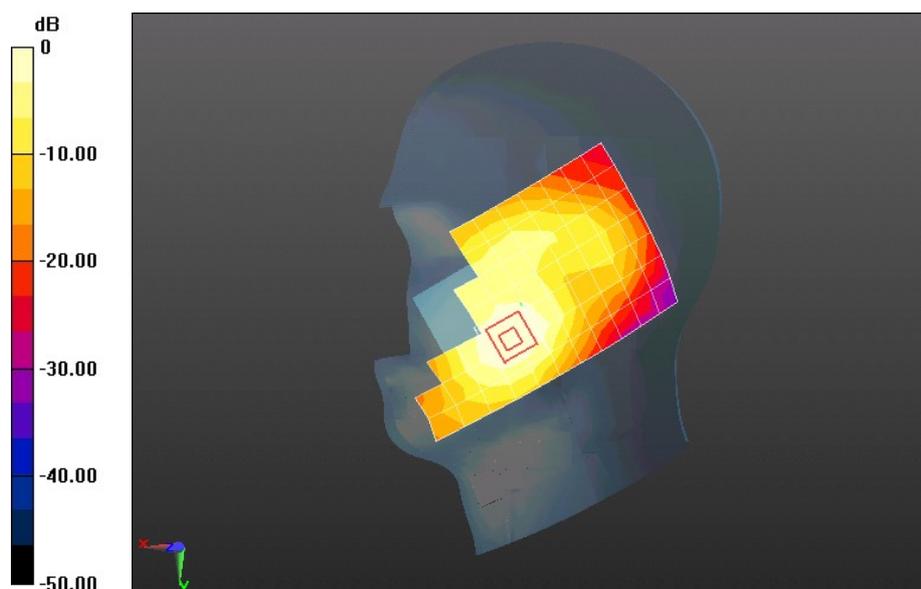
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.184 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.666 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.626 mW/g**

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



0 dB = 1.11 mW/g = 0.87 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1700 1413CH Towards Phantom 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.466$  mho/m;  $\epsilon_r = 54.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.741 mW/g

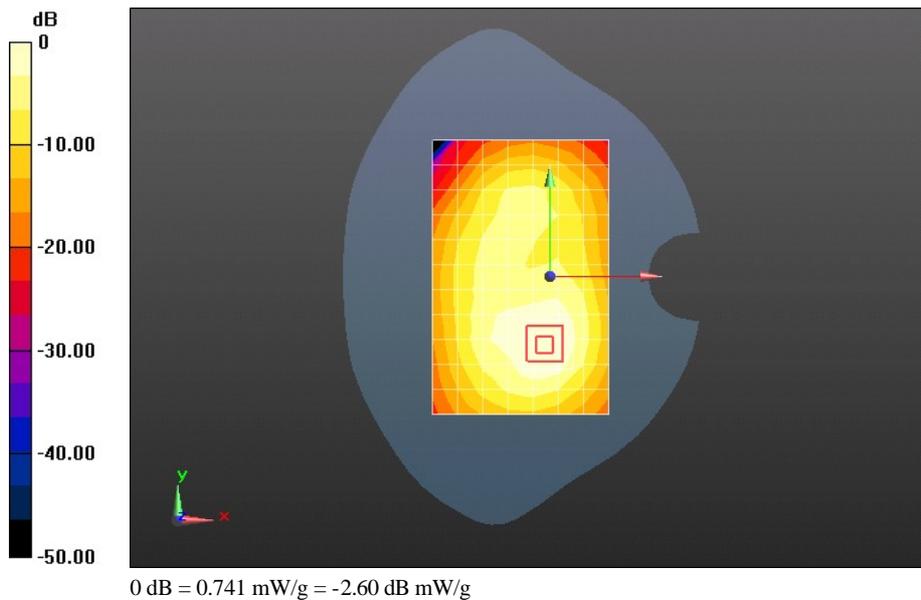
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.773 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.197 mW/g

**SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.465 mW/g**

Maximum value of SAR (measured) = 0.832 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1700 1312CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz

Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.437$  mho/m;  $\epsilon_r = 54.107$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

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

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

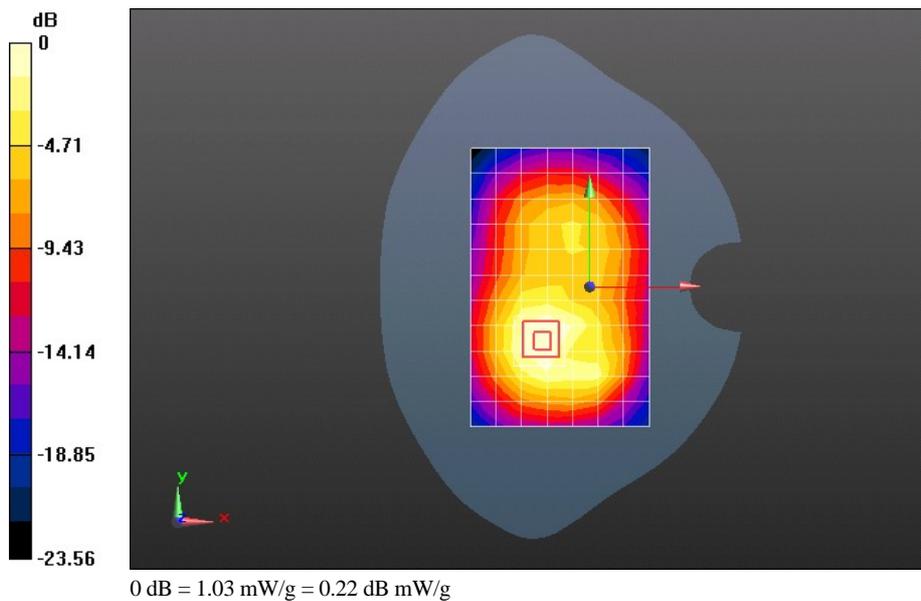
Reference Value = 14.333 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.605 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.628 mW/g**

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

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



Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1700 1413CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.466$  mho/m;  $\epsilon_r = 54.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.876 mW/g

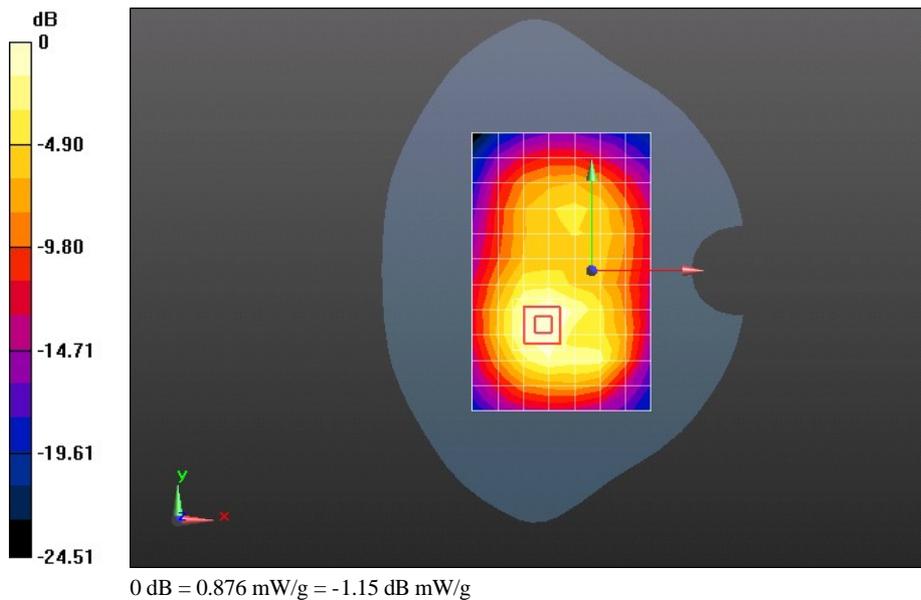
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.685 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.372 mW/g

**SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.532 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1700 1513CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.471$  mho/m;  $\epsilon_r = 53.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 1.07 mW/g

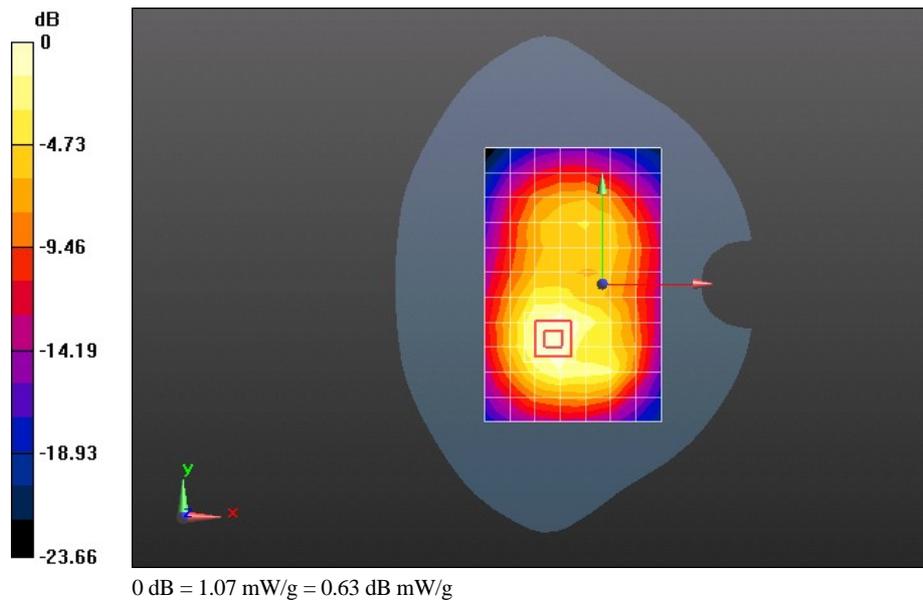
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.377 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.669 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.648 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1700 1413CH Left edge 10mm****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.466$  mho/m;  $\epsilon_r = 54.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.194 mW/g

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

Reference Value = 11.163 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.294 mW/g

**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.206 mW/g

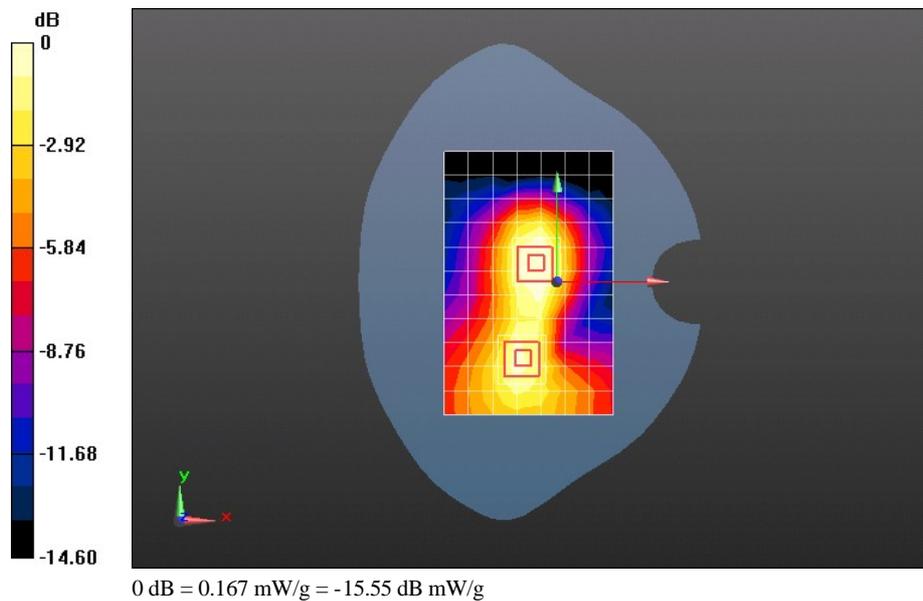
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.163 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.244 mW/g

**SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.091 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1700 1413CH Right edge 10mm****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.466$  mho/m;  $\epsilon_r = 54.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.199 mW/g

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

Reference Value = 11.453 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.299 mW/g

**SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.205 mW/g

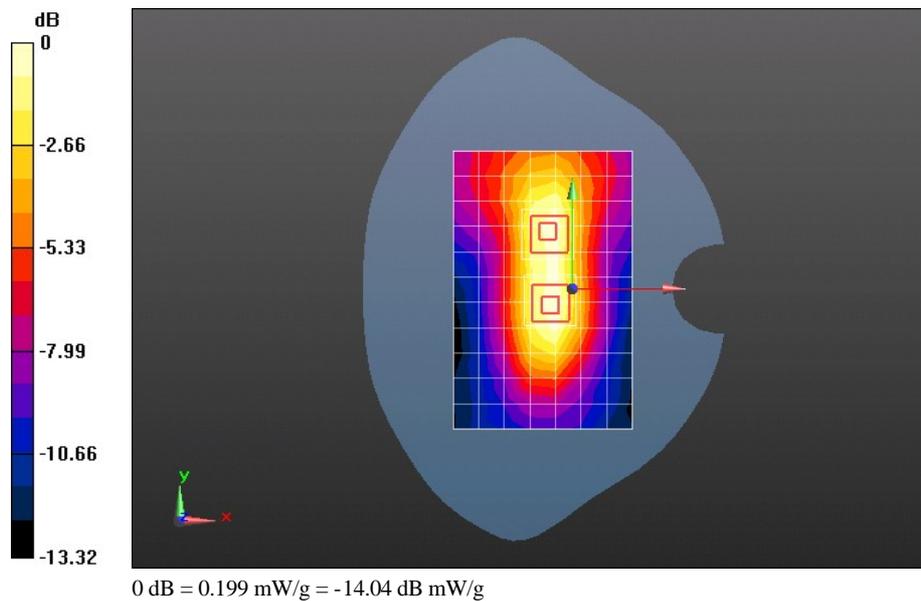
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.453 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.292 mW/g

**SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.204 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1700 1413CH Bottom edge 10mm****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.466$  mho/m;  $\epsilon_r = 54.083$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.415 mW/g

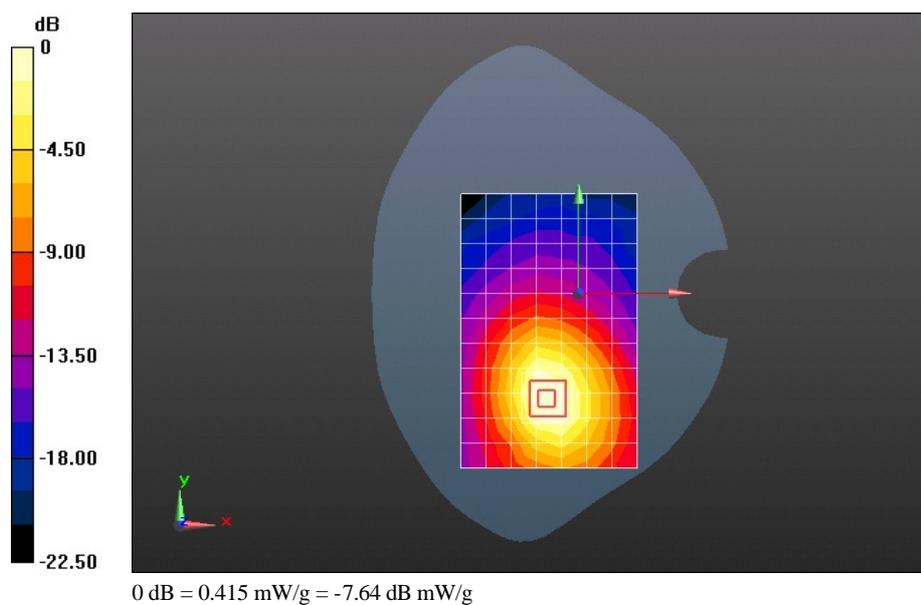
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.419 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.671 mW/g

**SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.253 mW/g**

Maximum value of SAR (measured) = 0.464 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1700 1513CH Towards Ground 10mm with Headset

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.471$  mho/m;  $\epsilon_r = 53.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

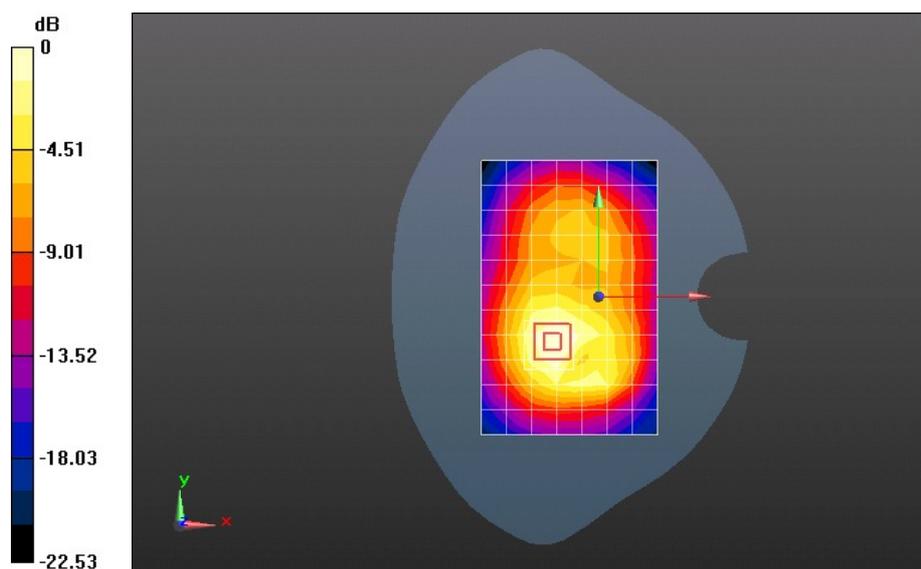
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.243 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.577 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.618 mW/g**

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



0 dB = 1.08 mW/g = 0.69 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1700 1513CH Towards Ground 10mm with Battery SN-MAIC523X03600626**

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.471$  mho/m;  $\epsilon_r = 53.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.39, 8.39, 8.39); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

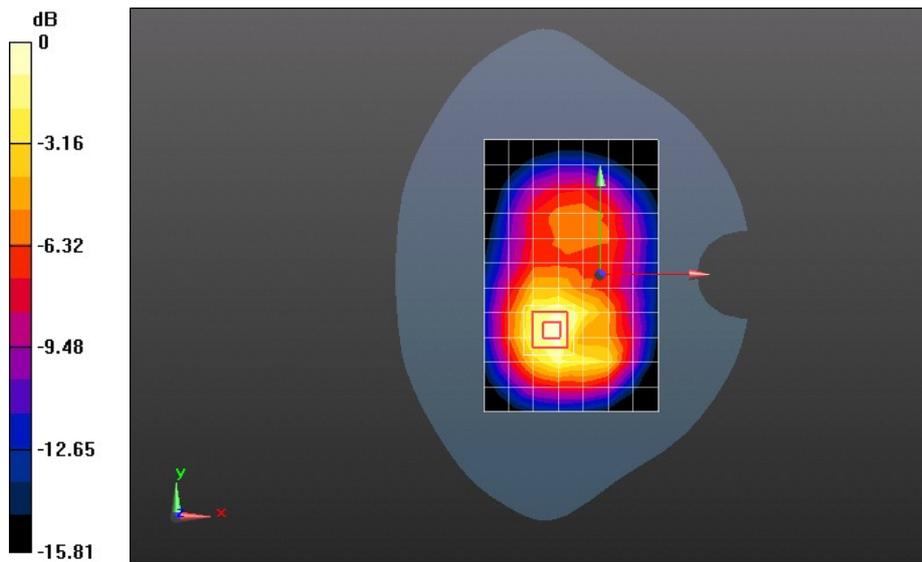
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 13.527 V/m; Power Drift = -0.09 dB

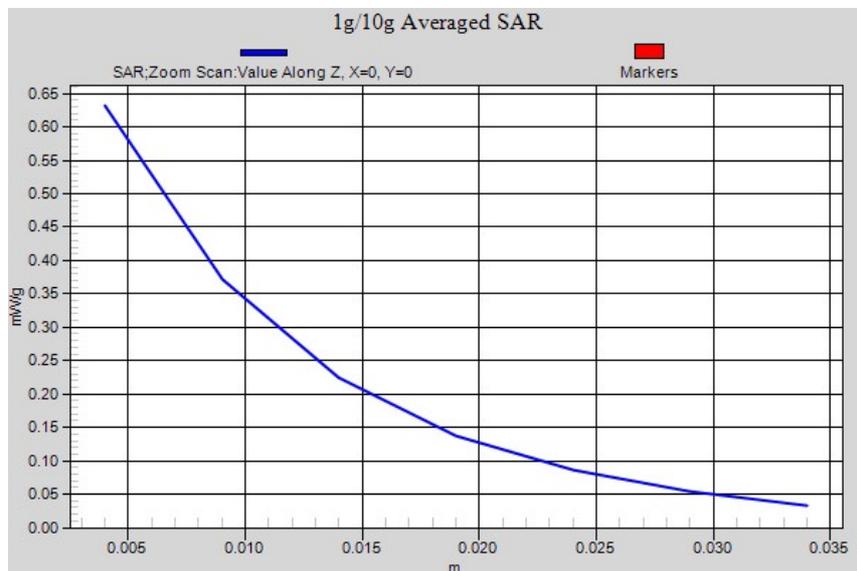
Peak SAR (extrapolated) = 1.685 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.650 mW/g**

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



0 dB = 1.17 mW/g = 1.36 dB mW/g



Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1900 9400CH Leftt hand touch cheek

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r = 39.578$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

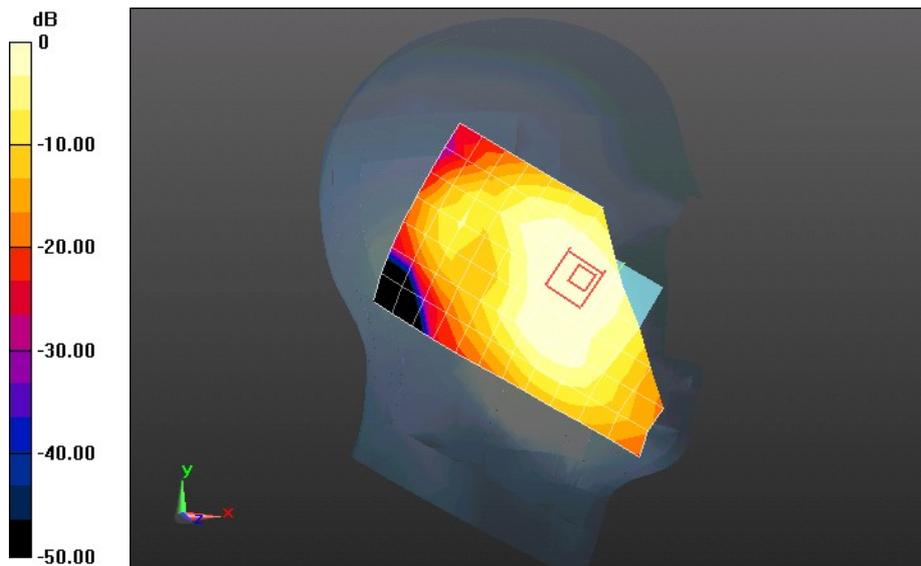
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.117 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.806 mW/g

**SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.346 mW/g**

Maximum value of SAR (measured) = 0.586 mW/g



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

Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1900 9400CH Left hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r = 39.578$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

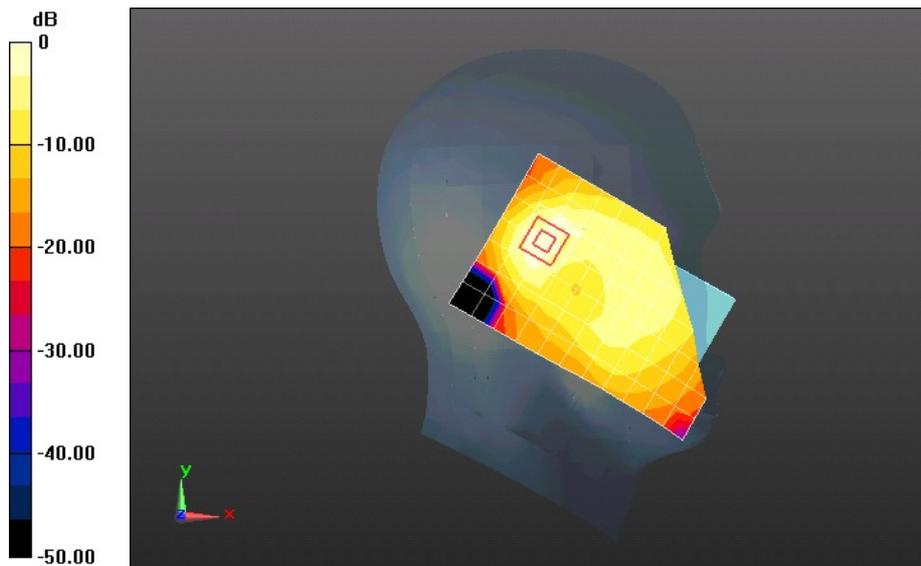
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.013 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.457 mW/g

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.145 mW/g**

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



0 dB = 0.300 mW/g = -10.45 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1900 9538CH Right hand touch check

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.498$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.838 mW/g

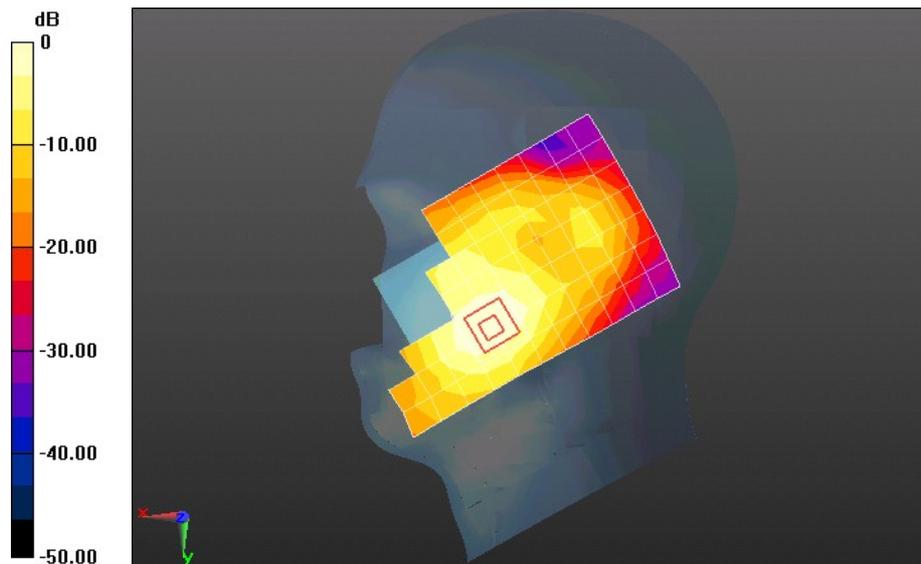
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.629 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.223 mW/g

**SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.454 mW/g**

Maximum value of SAR (measured) = 0.840 mW/g



0 dB = 0.838 mW/g = -1.54 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1900 9400CH Right hand touch check

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r = 39.578$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.922 mW/g

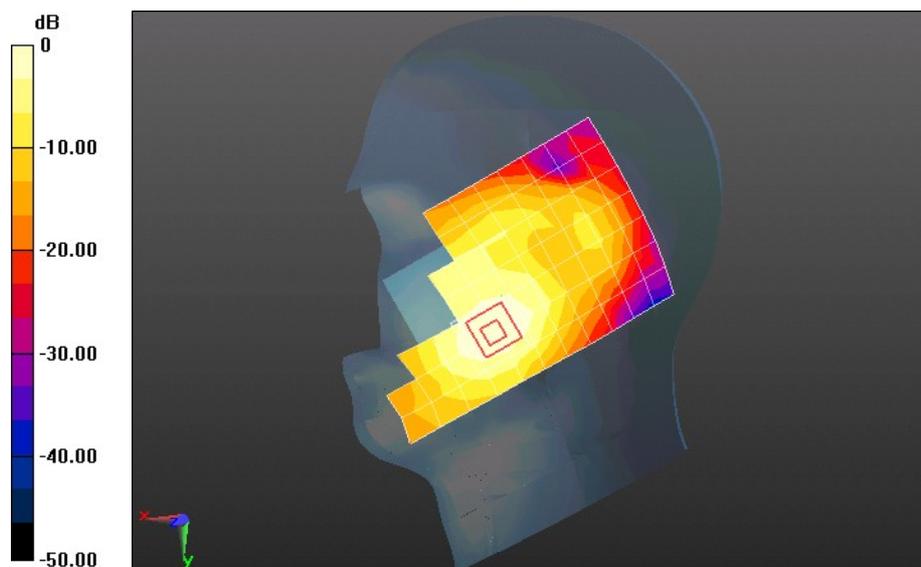
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.783 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.351 mW/g

**SAR(1 g) = 0.860 mW/g; SAR(10 g) = 0.508 mW/g**

Maximum value of SAR (measured) = 0.946 mW/g



0 dB = 0.922 mW/g = -0.71 dB mW/g

Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1900 9262CH Right hand touch check

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.398$  mho/m;  $\epsilon_r = 39.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

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

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

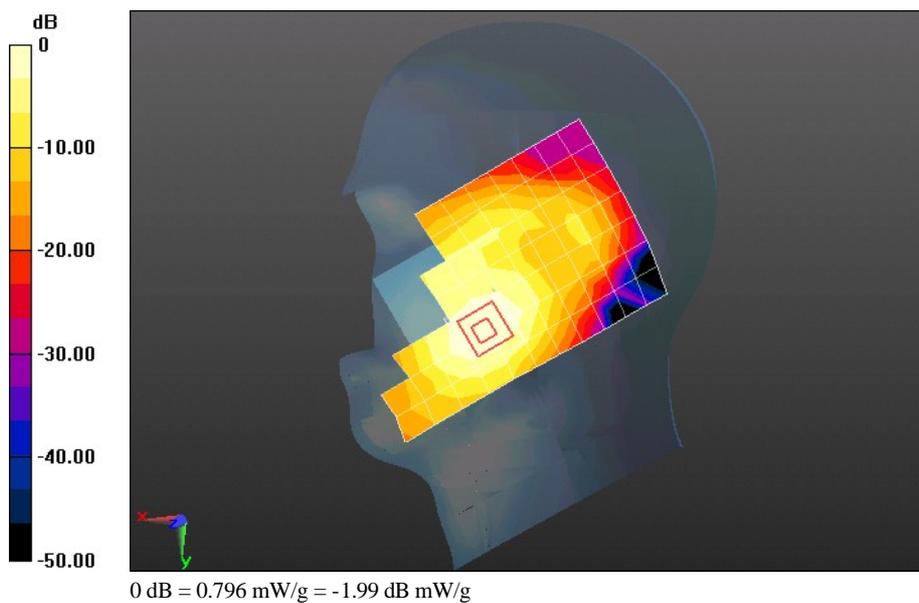
Reference Value = 8.740 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.179 mW/g

**SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.448 mW/g**

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

Maximum value of SAR (measured) = 0.842 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1900 9400CH Right hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r = 39.578$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.244 mW/g

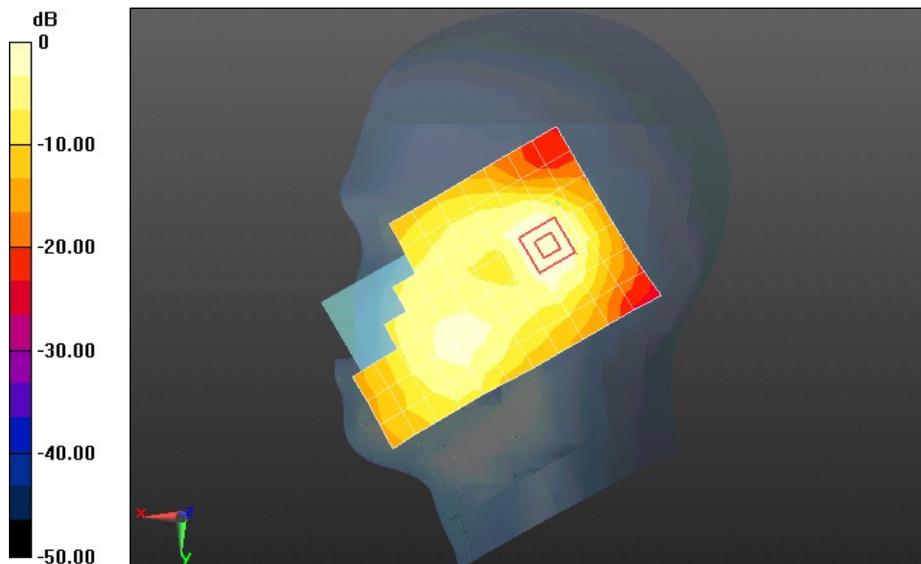
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.036 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.495 mW/g

**SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.151 mW/g**

Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.244 mW/g = -12.25 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1900 9400CH Right hand touch cheek with Battery SN-MAIC523X03600626**

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

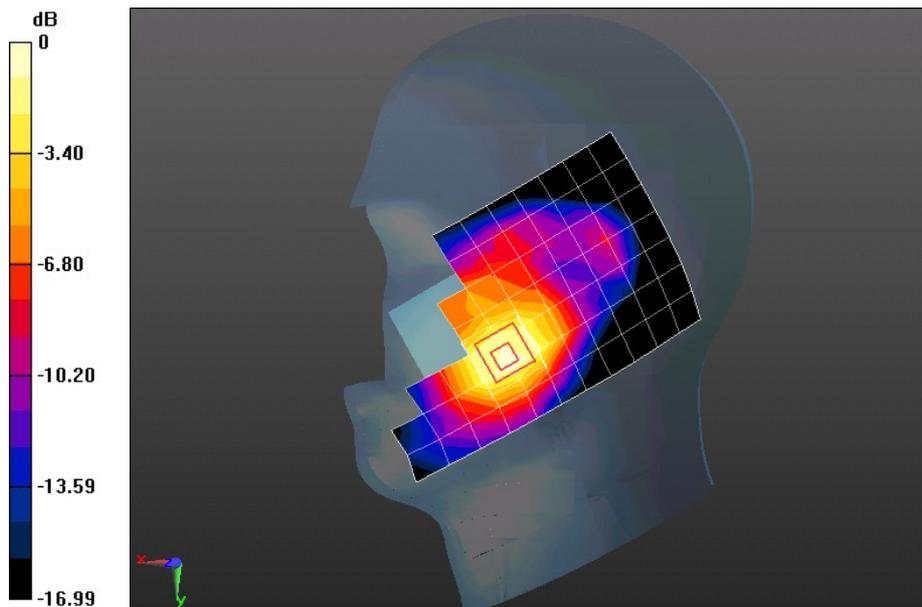
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r = 39.578$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY Configuration:

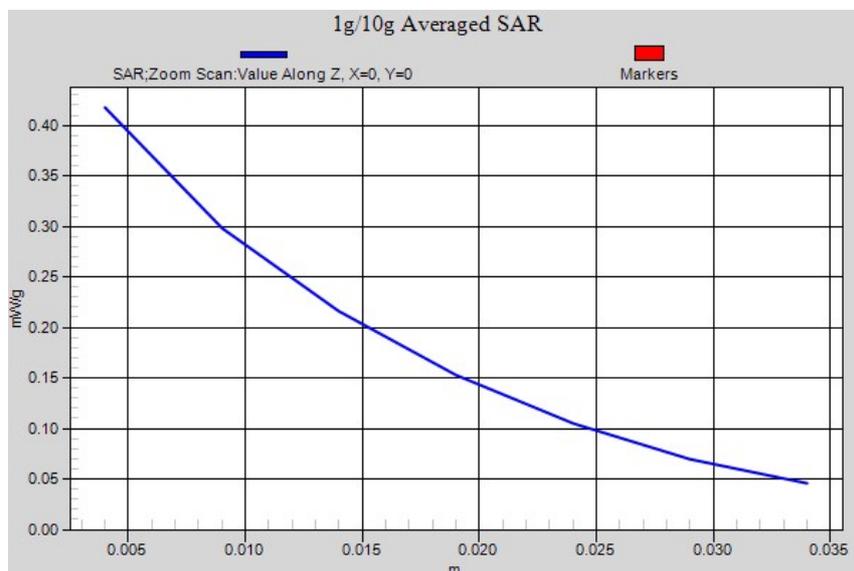
- Probe: EX3DV4 - SN3661; ConvF(8.33, 8.33, 8.33); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
 Maximum value of SAR (measured) = 0.856 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
 Reference Value = 9.829 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 1.324 mW/g  
**SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.511 mW/g**  
 Maximum value of SAR (measured) = 0.961 mW/g



0 dB = 0.961 mW/g = -0.35 dB mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1900 9400CH Towards Phantom 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; 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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.816 mW/g

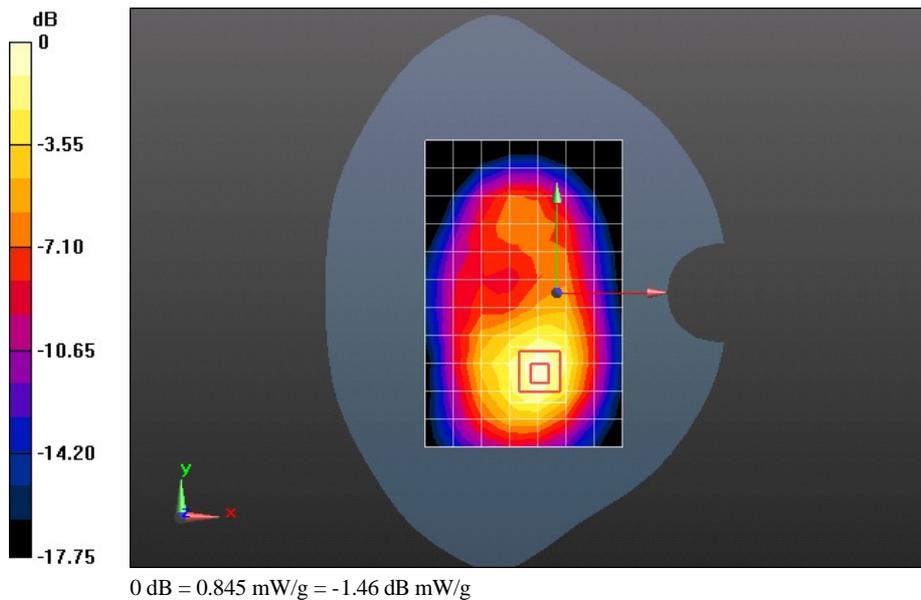
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.582 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.322 mW/g

**SAR(1 g) = 0.776 mW/g; SAR(10 g) = 0.440 mW/g**

Maximum value of SAR (measured) = 0.845 mW/g



Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1900 9262CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.511$  mho/m;  $\epsilon_r = 53.173$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

Maximum value of SAR (measured) = 0.999 mW/g

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

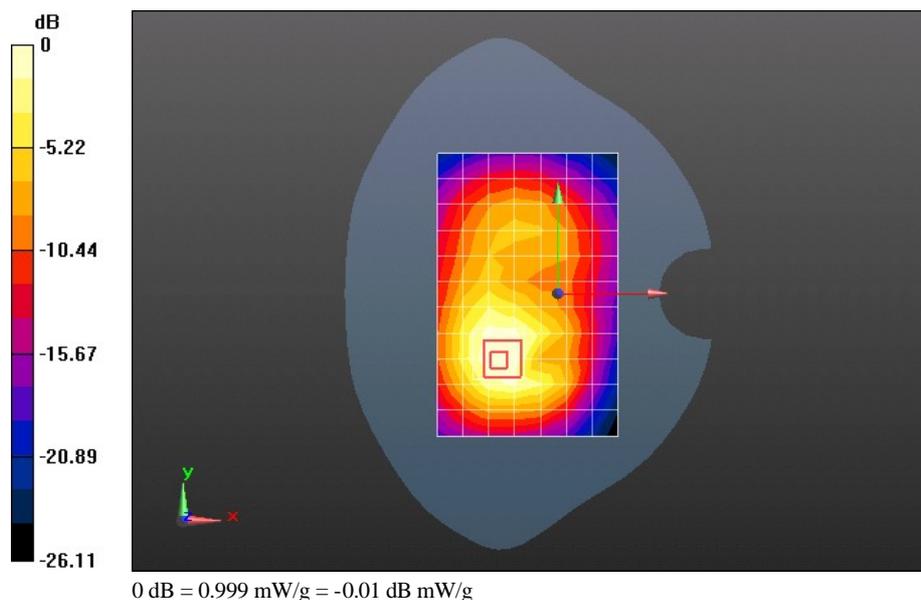
Reference Value = 9.891 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.696 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.572 mW/g**

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

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



Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1900 9400CH Towards Ground 10mm****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; 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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 1.07 mW/g

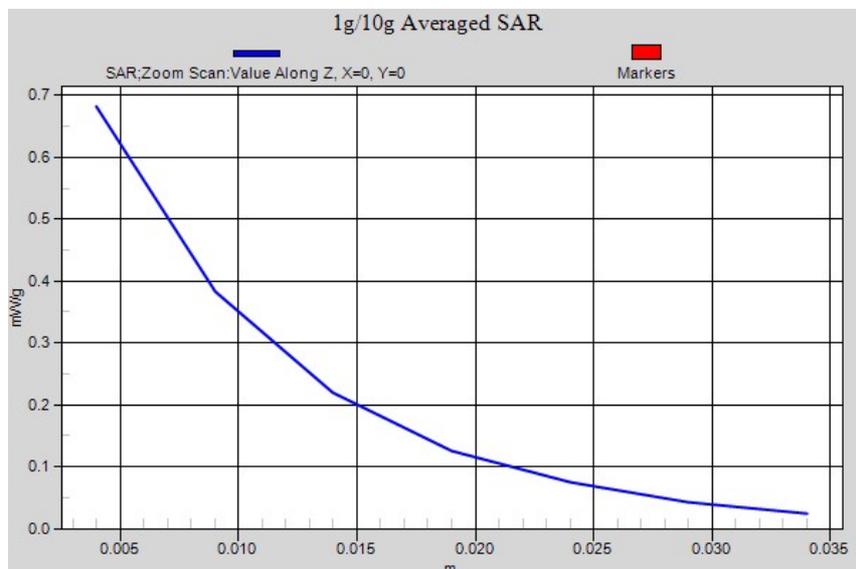
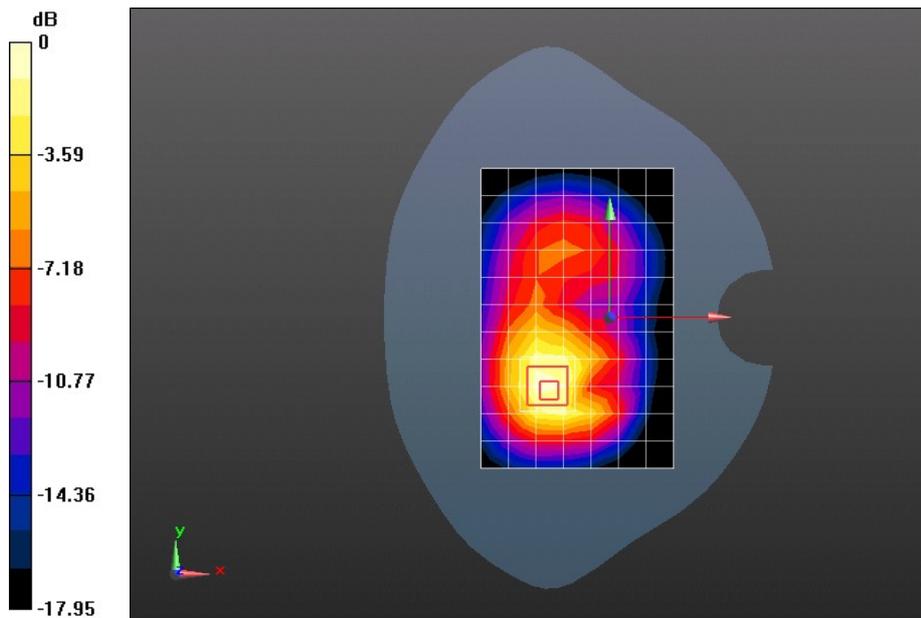
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.593 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.865 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.630 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

## U8667 WCDMA1900 9538CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.572$  mho/m;  $\epsilon_r = 53.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.931 mW/g

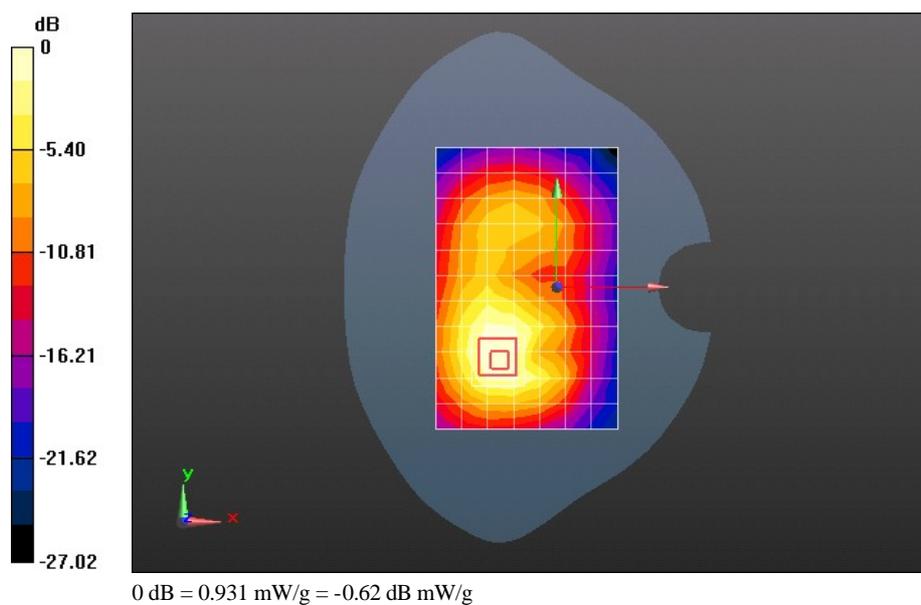
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.010 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.634 mW/g

**SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.534 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1900 9400CH Left edge 10mm****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; 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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0894 mW/g

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

Reference Value = 7.507 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.144 mW/g

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.0914 mW/g

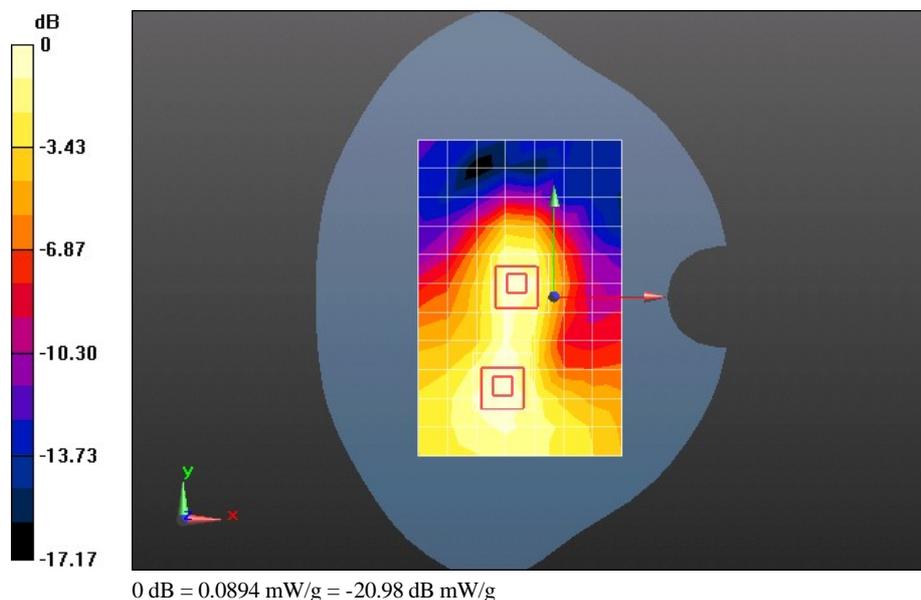
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.507 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.134 mW/g

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.0865 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1900 9400CH Right edge 10mm****DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; 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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.249 mW/g

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

Reference Value = 11.244 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.441 mW/g

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.148 mW/g**

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

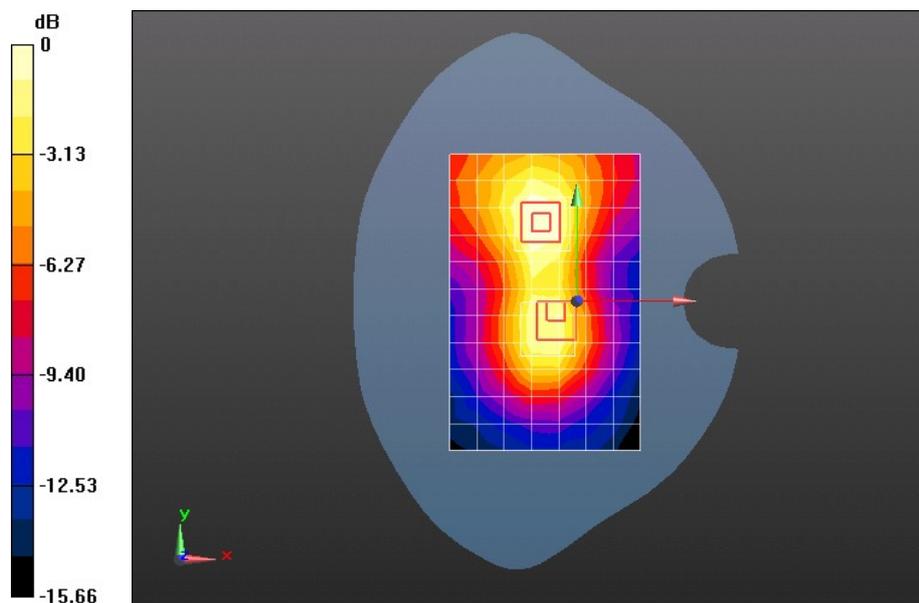
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.244 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.728 mW/g

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.249 mW/g = -12.08 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1900 9400CH Bottom edge 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; 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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

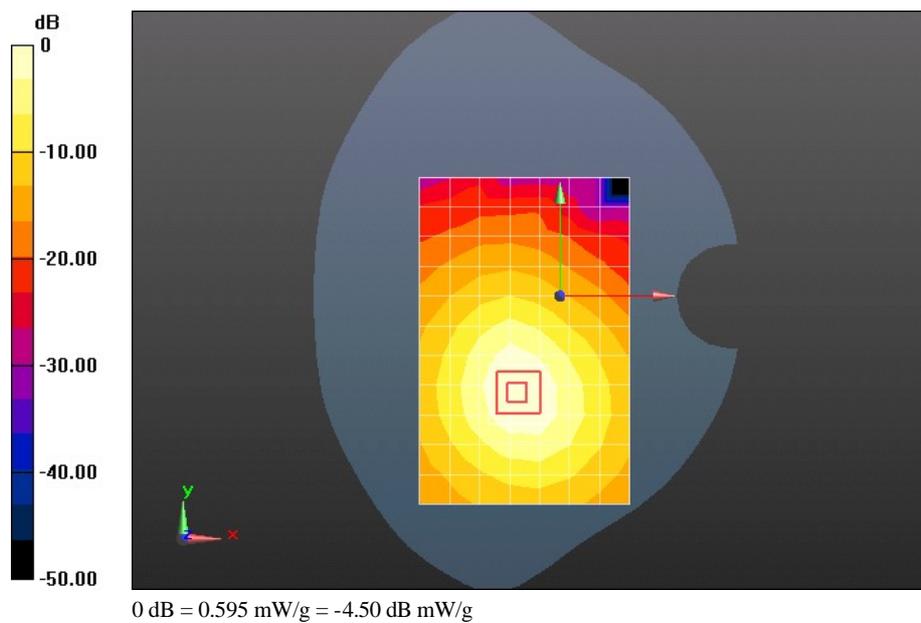
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.075 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.973 mW/g

**SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 0.626 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WCDMA1900 9400CH Towards Phantom with Headset 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; 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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

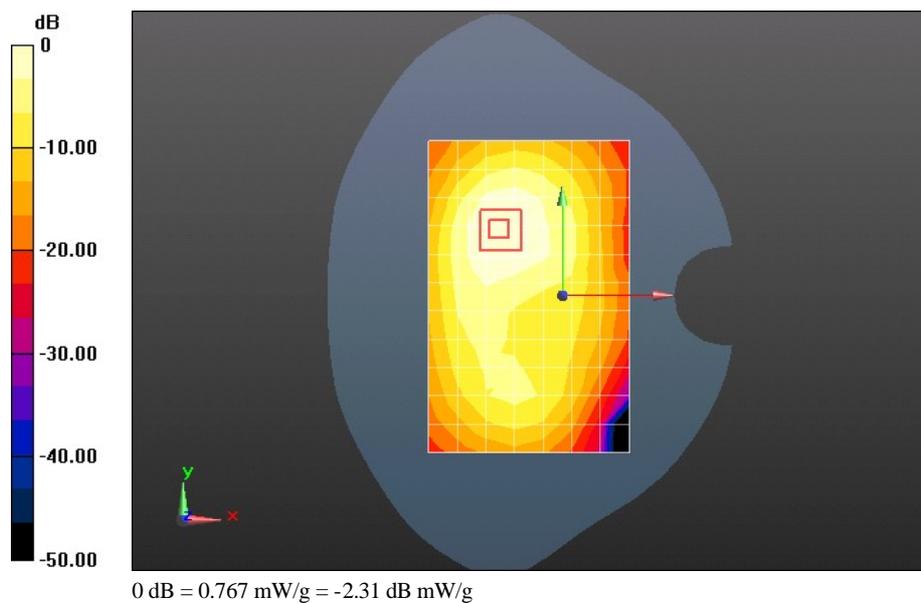
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.350 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.355 mW/g

**SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 0.886 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8667 WCDMA1900 9400CH Towards Ground 10mm with Battery SN- MAIC523X03600626**

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD; 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 - SN3661; ConvF(7.89, 7.89, 7.89); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

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

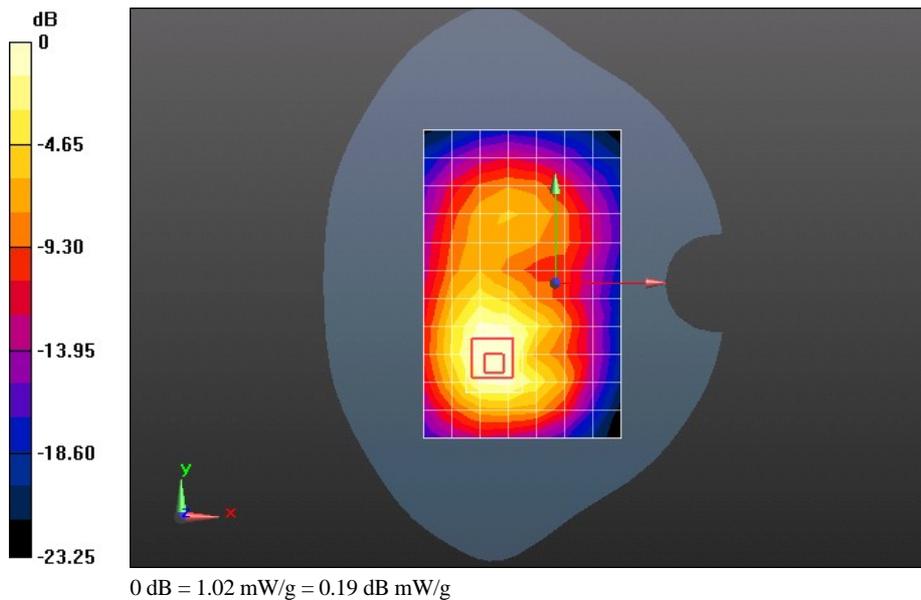
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.247 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.815 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.613 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

**U8667 WiFi 11b 1CH Left hand touch cheek**

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.774$  mho/m;  $\epsilon_r = 39.794$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.172 mW/g

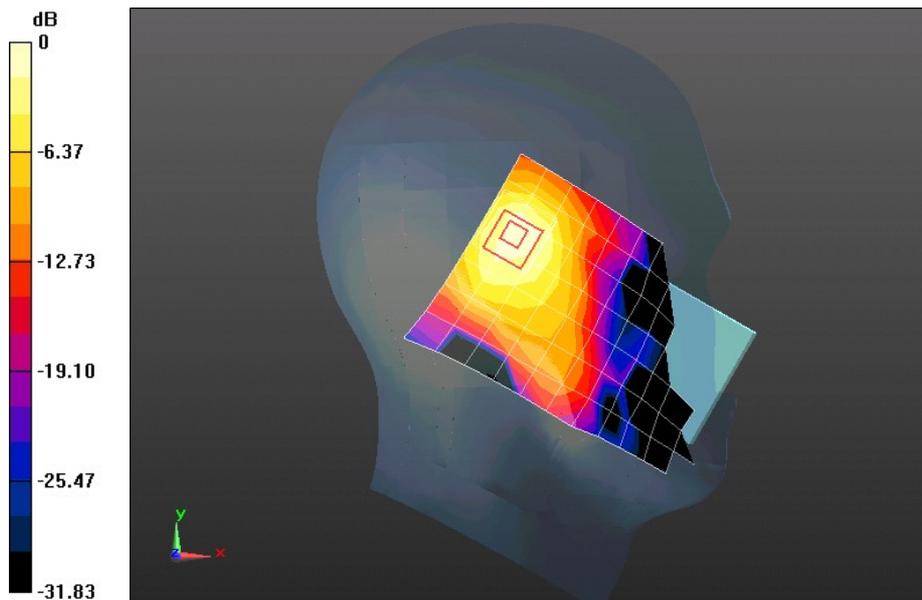
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.532 V/m; Power Drift = 0.01 dB

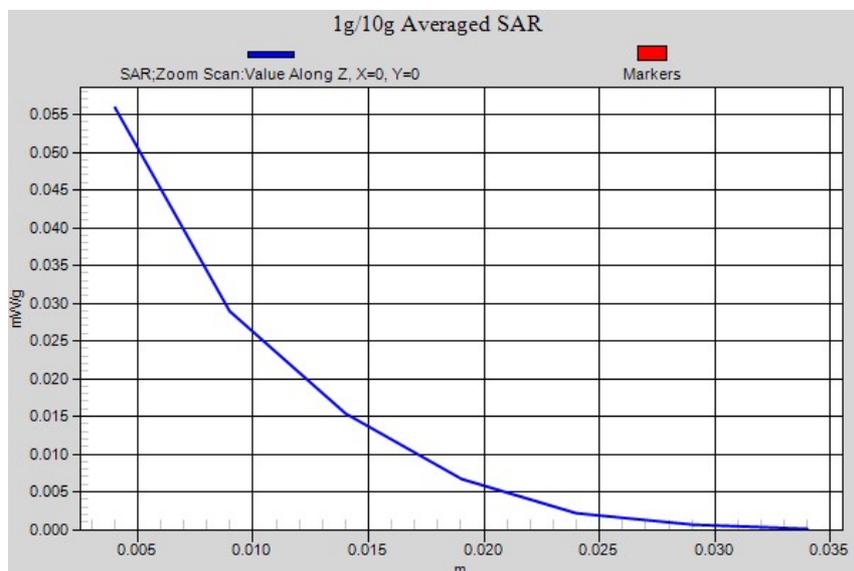
Peak SAR (extrapolated) = 0.355 mW/g

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.193 mW/g = -14.29 dB mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WiFi 11b 1CH Left hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.774$  mho/m;  $\epsilon_r = 39.794$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.112 mW/g

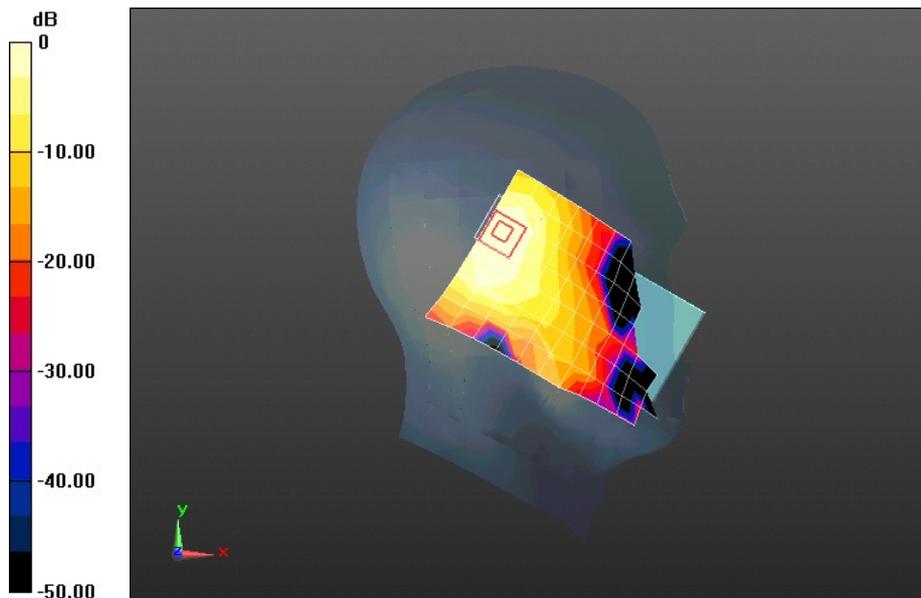
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.438 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.245 mW/g

**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.127 mW/g



0 dB = 0.112 mW/g = -19.03 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WiFi 11b 1CH Right hand touch cheek

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.774$  mho/m;  $\epsilon_r = 39.794$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.159 mW/g

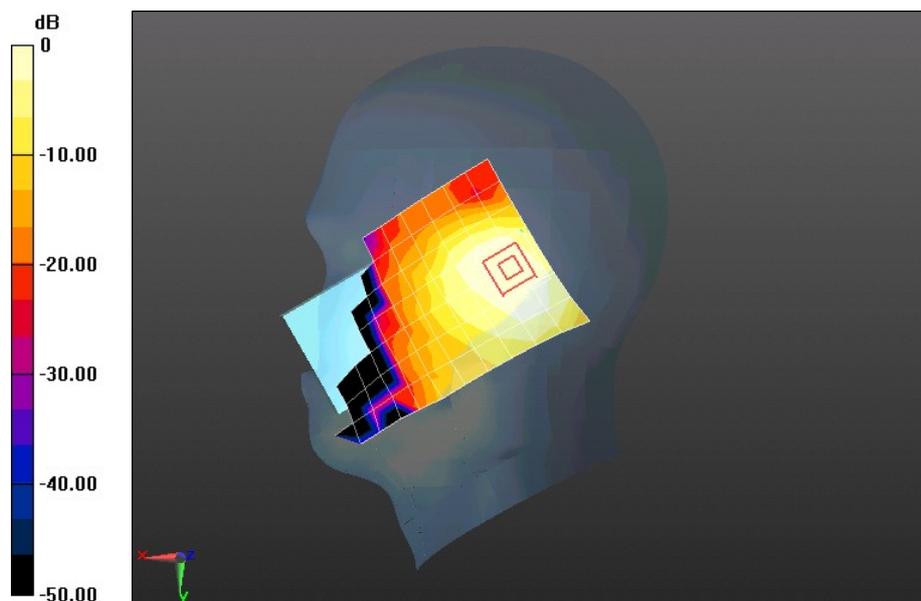
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.646 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.327 mW/g

**SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.192 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WiFi 11b 1CH Right hand tilt 15 degree

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.774$  mho/m;  $\epsilon_r = 39.794$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.179 mW/g

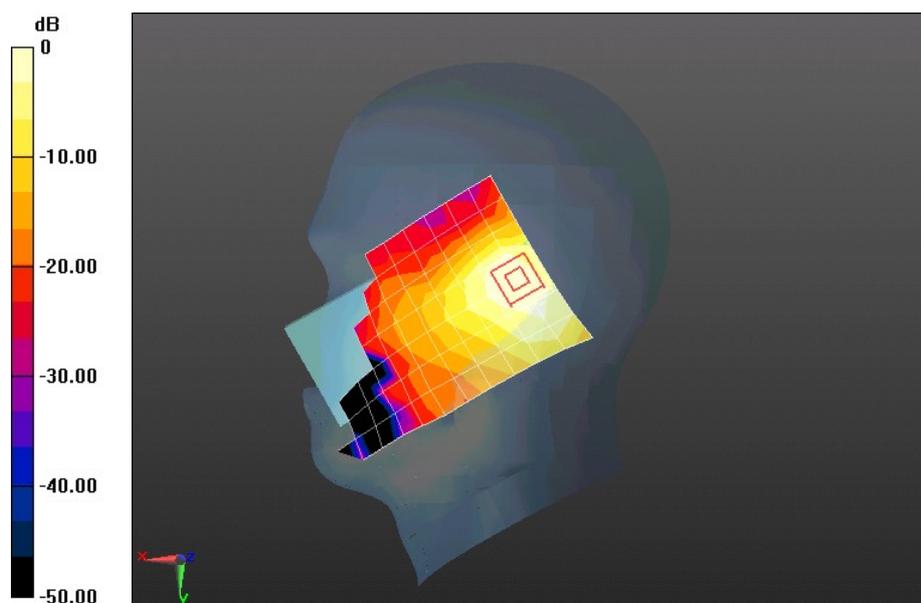
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.517 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.336 mW/g

**SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.086 mW/g**

Maximum value of SAR (measured) = 0.190 mW/g



0 dB = 0.179 mW/g = -14.96 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WiFi 11b 1CH Left hand touch cheek with battery SN-MAIC523X03600626

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.774$  mho/m;  $\epsilon_r = 39.794$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.48, 7.48, 7.48); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.162 mW/g

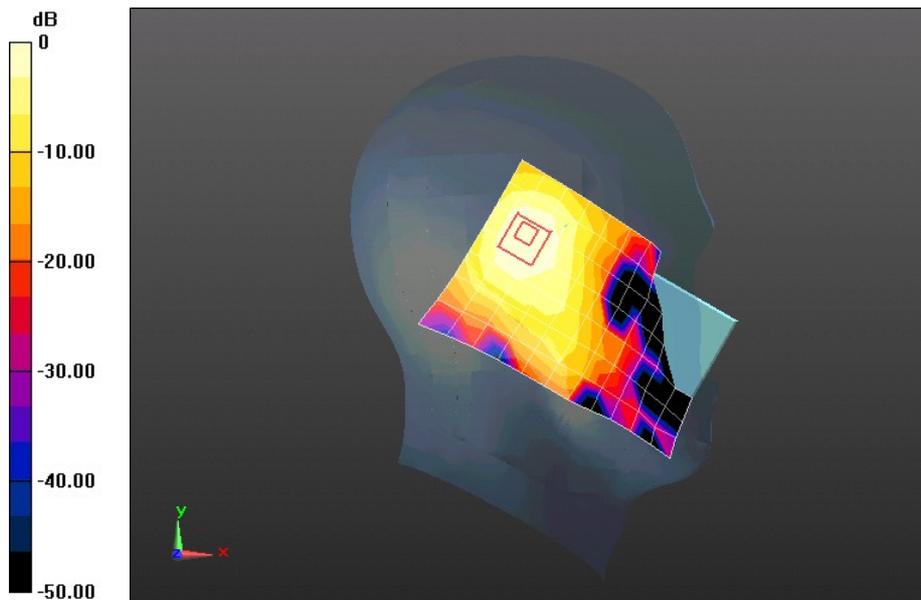
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.878 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.335 mW/g

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.084 mW/g**

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



0 dB = 0.162 mW/g = -15.78 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8667 WiFi 11b 1CH Towards Phantom 10mm

**DUT: U8667; Type: HUAWEI Ascend Y 201 Pro; Skyline mini; HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.929$  mho/m;  $\epsilon_r = 52.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0557 mW/g

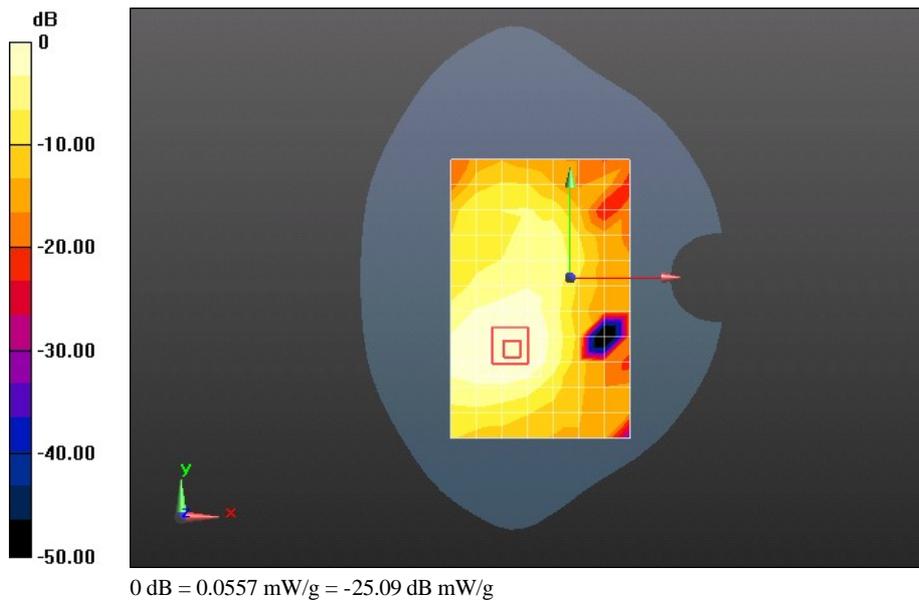
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.668 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.099 mW/g

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.0622 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WiFi 11b 1CH Towards Ground 10mm

**DUT: U8667; Type: HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.929$  mho/m;  $\epsilon_r = 52.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0753 mW/g

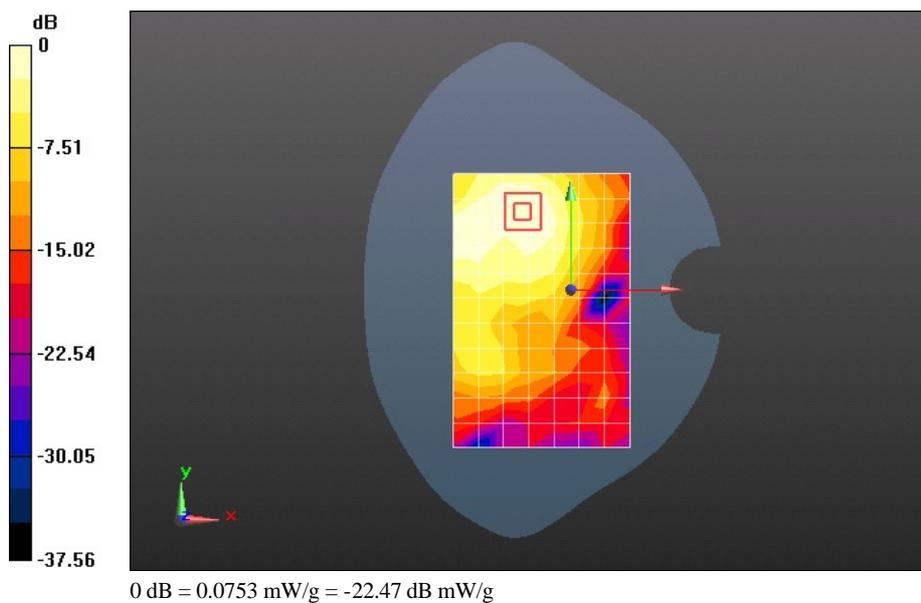
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.228 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.138 mW/g

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.0833 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8667 WiFi 11b 1CH Right edge 10mm**

**DUT: U8667; Type: HUAWEI Ascend Y 201 Pro; Skyline mini; HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.929$  mho/m;  $\epsilon_r = 52.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0777 mW/g

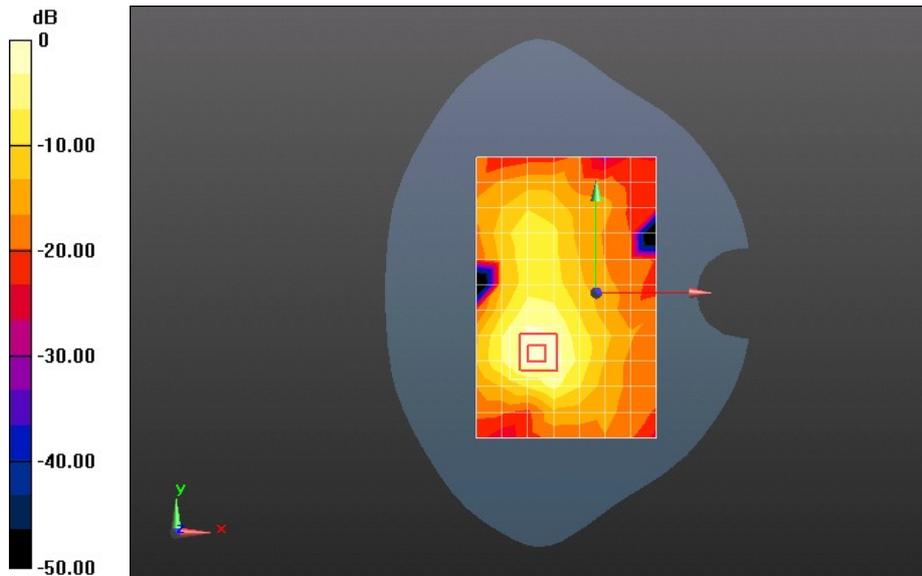
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.367 V/m; Power Drift = 0.16 dB

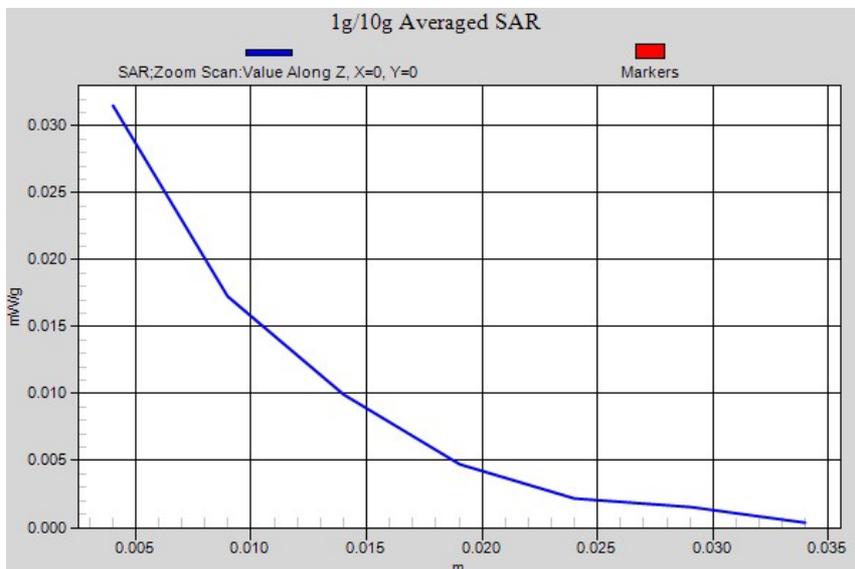
Peak SAR (extrapolated) = 0.186 mW/g

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.102 mW/g = -19.83 dB mW/g



Test Laboratory: HUAWEI SAR Lab

### U8667 WiFi 11b 1CH Top edge 10mm

**DUT: U8667; Type: HUAWEI Ascend Y 201 Pro; Skyline mini; HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.929$  mho/m;  $\epsilon_r = 52.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0651 mW/g

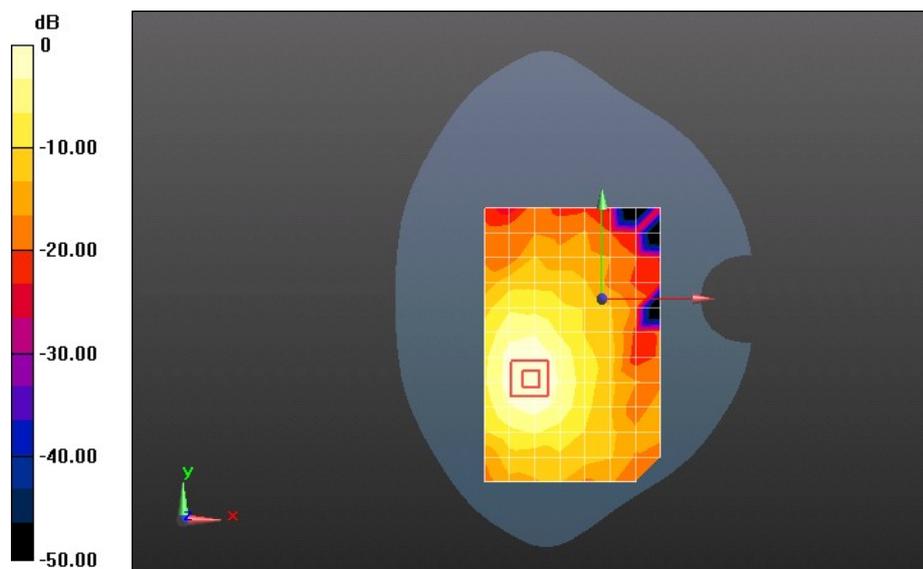
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.691 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.113 mW/g

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.0679 mW/g



0 dB = 0.0651 mW/g = -23.73 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8667 WiFi 11b 1CH Right edge 10mm with Battery SN-MAIC523X03600626**

**DUT: U8667; Type: HUAWEI Ascend Y 201 Pro; Skyline mini; HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: WiFi (802.11\*); Frequency: 2412 MHz

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.929$  mho/m;  $\epsilon_r = 52.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.5, 7.5, 7.5); Calibrated: 1/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn679; Calibrated: 12/23/2011
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

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

Maximum value of SAR (measured) = 0.0831 mW/g

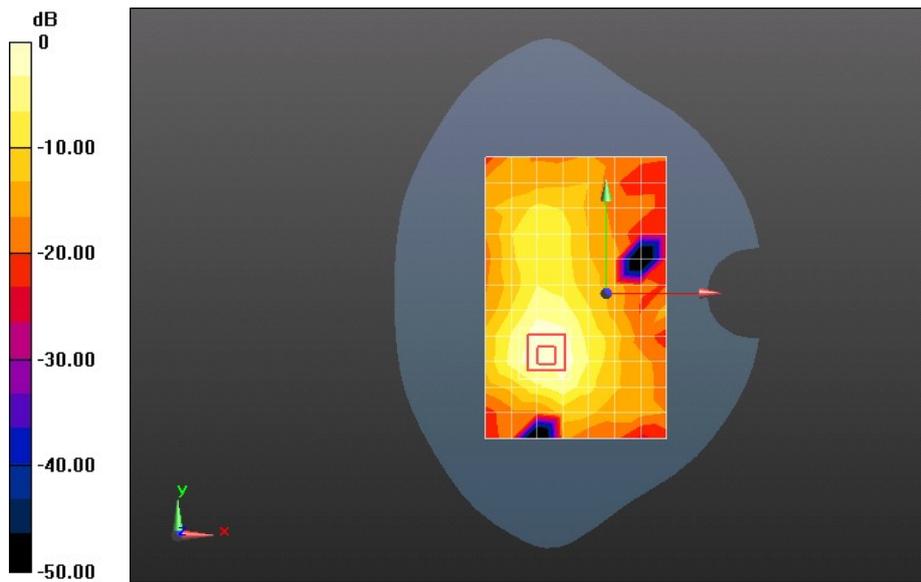
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.315 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.178 mW/g

**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.0997 mW/g



0 dB = 0.0831 mW/g = -21.61 dB mW/g