

## Annex 2.4 GSM 850 MHz Body

Date/Time: 2010-10-21 22:23:27

**P1528\_OET65\_EN62209- towards phantom- GSM850 GPRS 2TS Middle**

**DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 837 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated):  $f = 837$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 2009-12-18

Phantom: SAM1; Type: SAM; Serial: TP-1475

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.681 mW/g

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

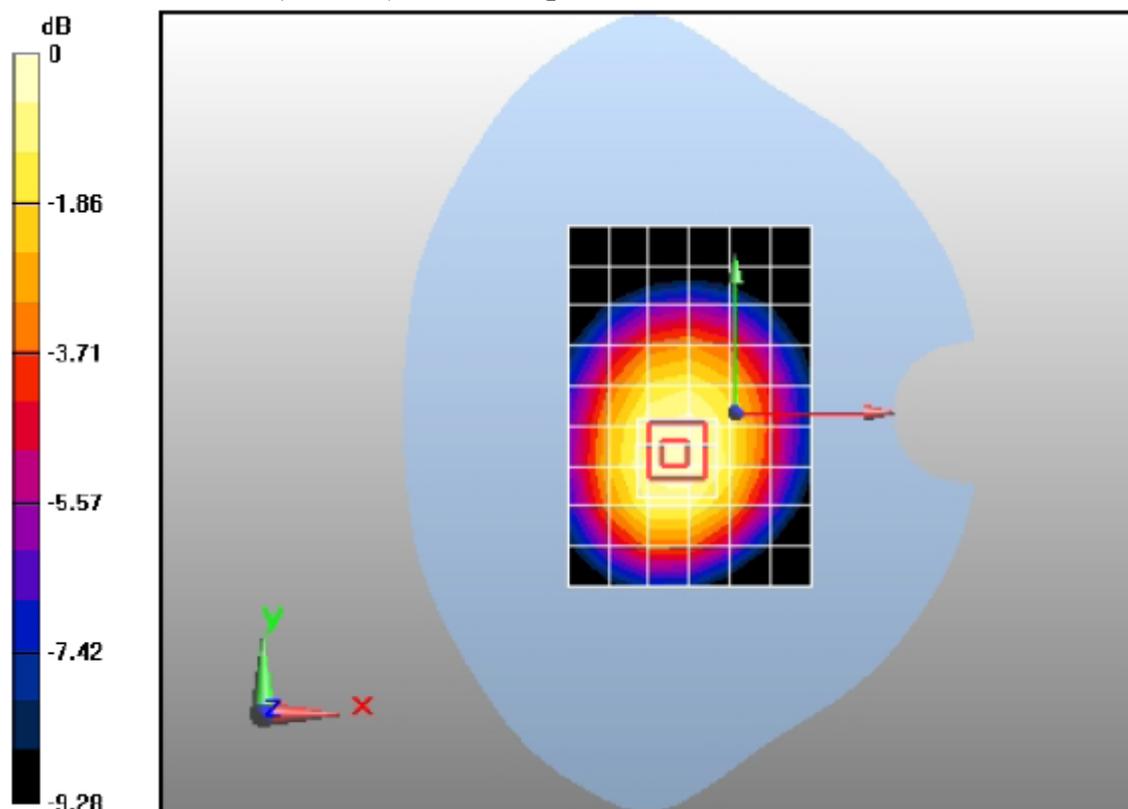
Reference Value = 26.1 V/m; Power Drift = -0.00437 dB

Peak SAR (extrapolated) = 0.837 W/kg

**SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.490 mW/g**

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

Maximum value of SAR (measured) = 0.694 mW/g



0 dB = 0.694mW/g

### Additional information:

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground- GSM850 GPRS 2TS Middle  
DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 837 MHz; Duty Cycle: 1:4.1  
Medium parameters used (interpolated):  $f = 837$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

**DASY5 Configuration:**

Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18  
Sensor-Surface: 4mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn852; Calibrated: 2009-12-18  
Phantom: SAM1; Type: SAM; Serial: TP-1475  
Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.859 mW/g

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

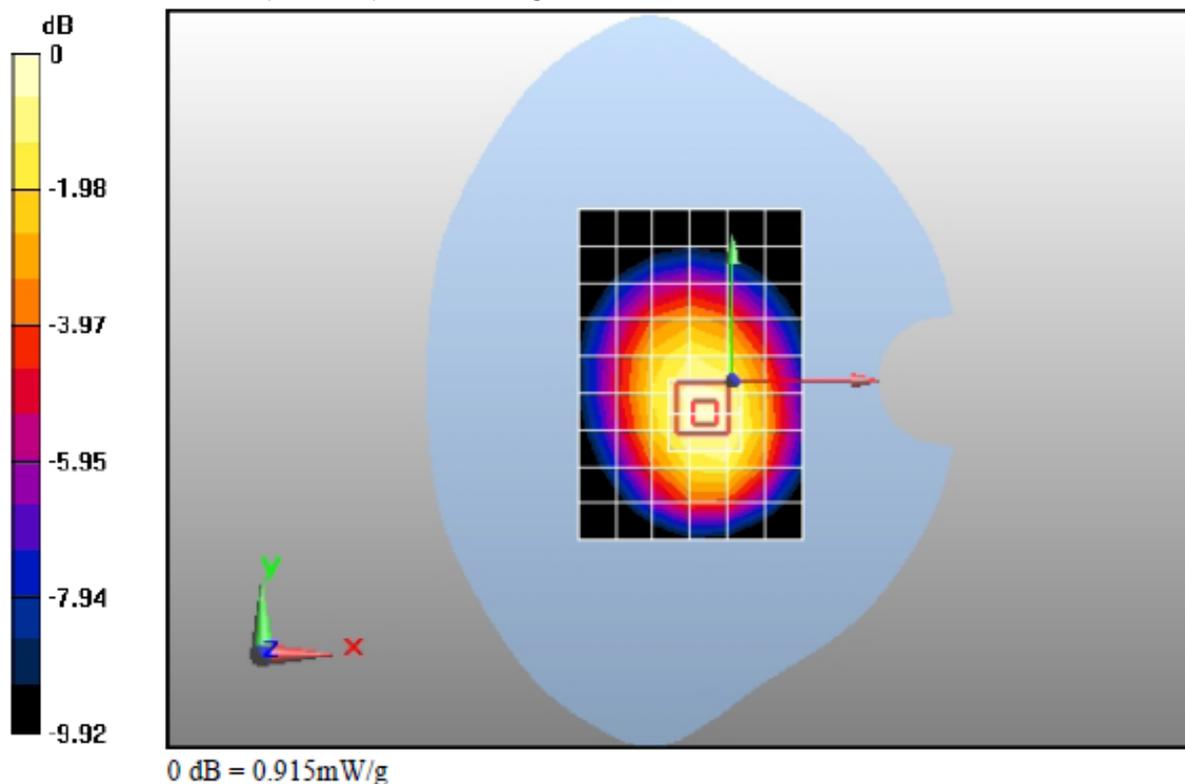
Reference Value = 29.9 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.622 mW/g**

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

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



**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground- GSM850 GPRS 2TS High**  
**DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 848.6 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.971$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

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

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

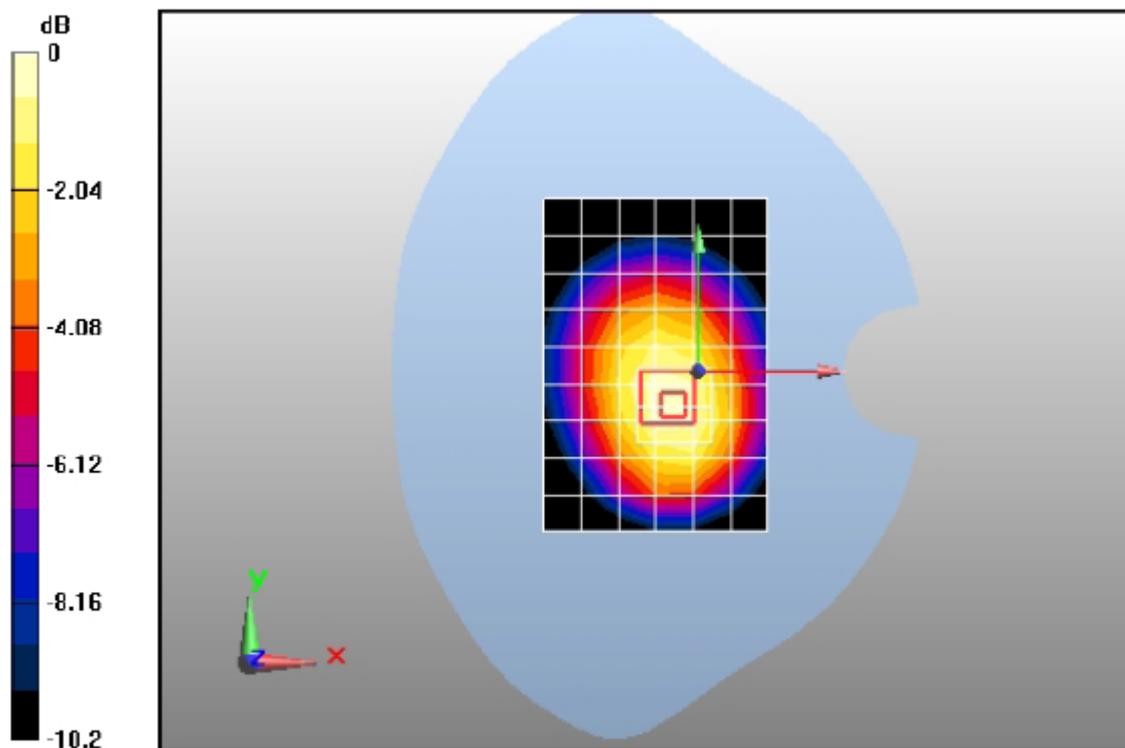
Reference Value = 32.8 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.754 mW/g**

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

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



0 dB = 1.12mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground- GSM850 GPRS 2TS Low**

**DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.1  
 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.952$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (10x14x1):** Measurement grid: dx=10mm, dy=10mm

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

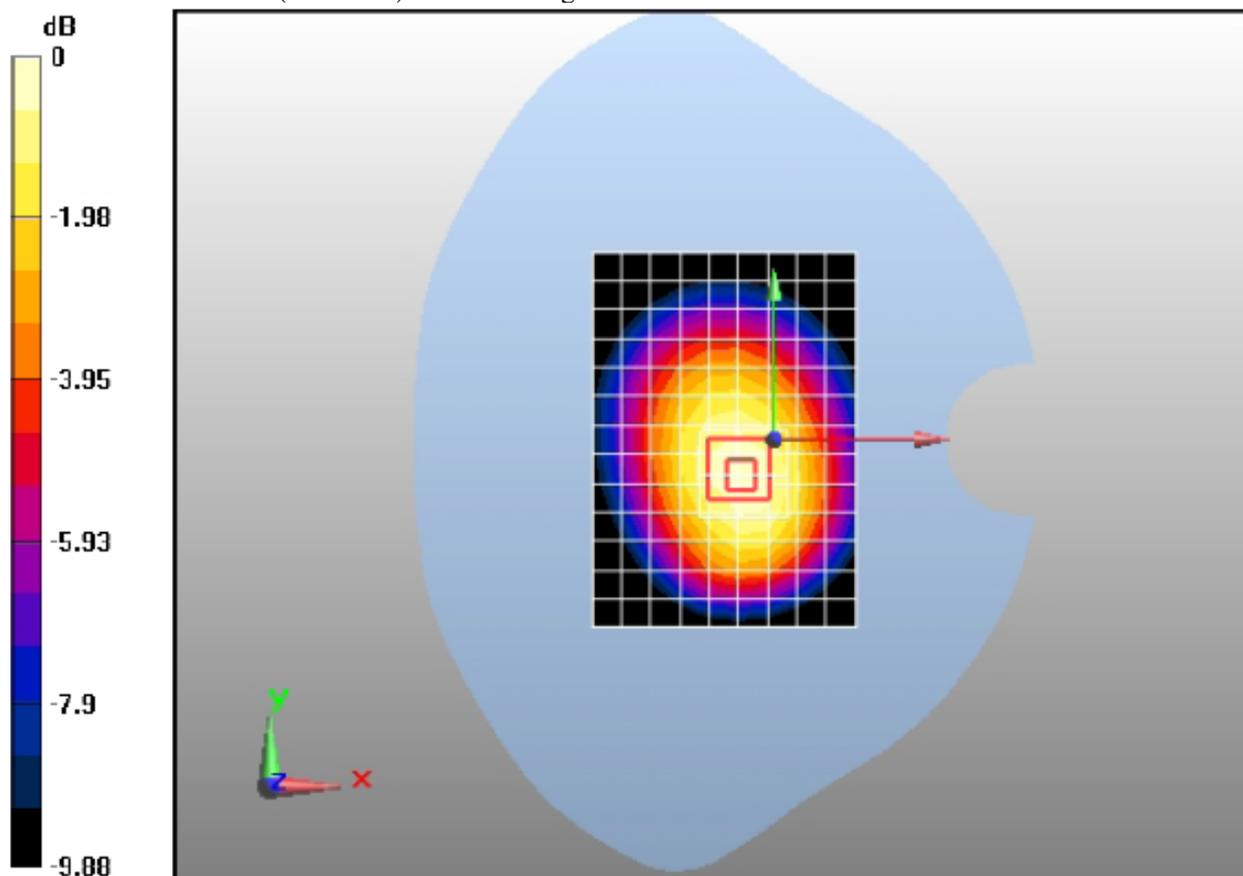
**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.851 W/kg

**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.462 mW/g**

Maximum value of SAR (measured) = 0.685 mW/g



0 dB = 0.685mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground- GSM850 EGPRS 2TS Middle**

**DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 837 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated):  $f = 837$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

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

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

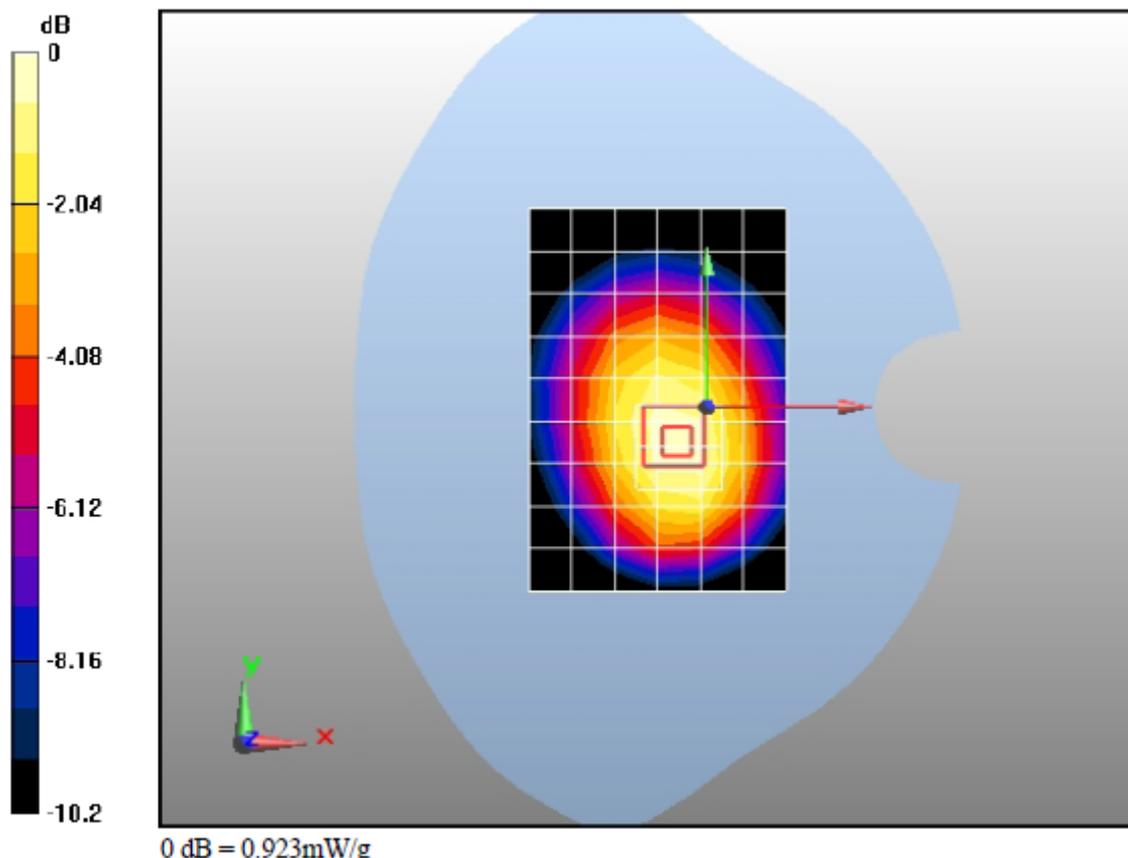
Reference Value = 30.3 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.623 mW/g**

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

Maximum value of SAR (measured) = 0.923 mW/g



**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground- GSM850 EGPRS 2TS High****DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 848.6 MHz; Duty Cycle: 1:4.1

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.971$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

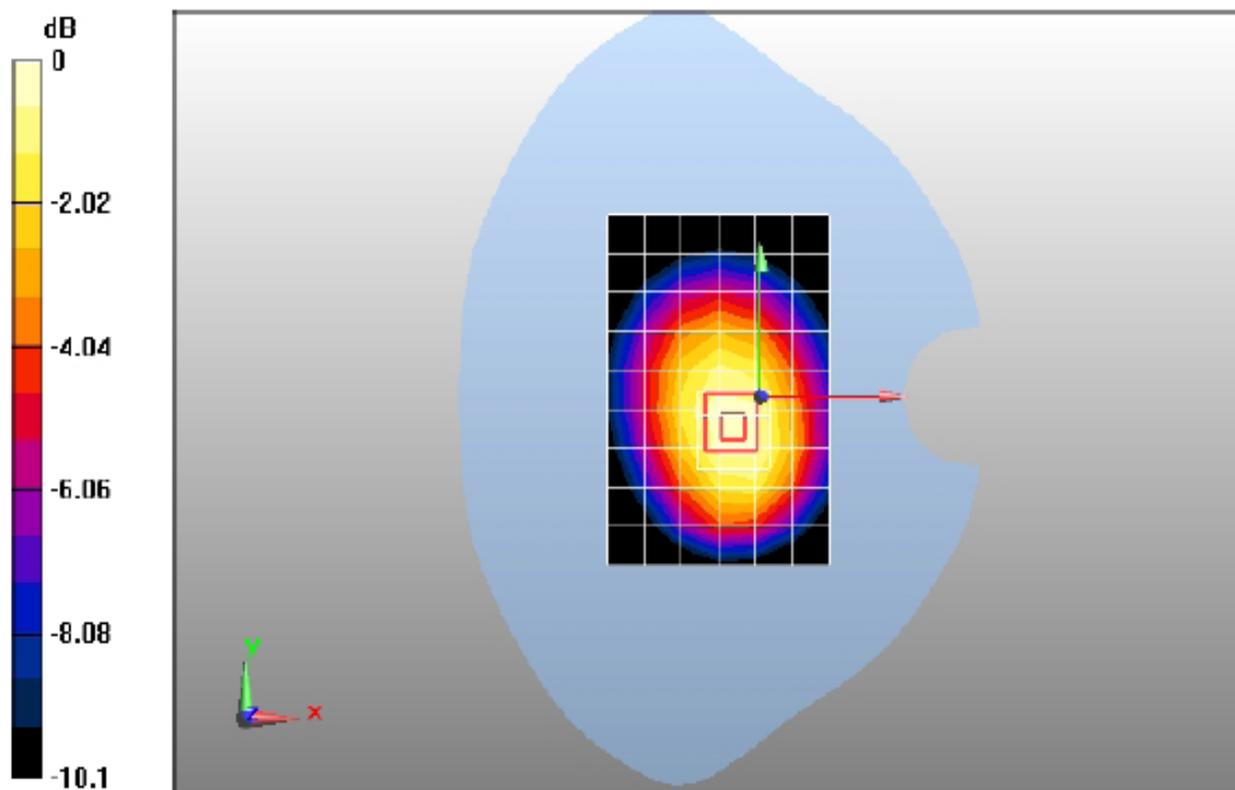
**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.760 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 1.12mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground- GSM850 EGPRS 2TS Low****DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4.1

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.952$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.560 mW/g

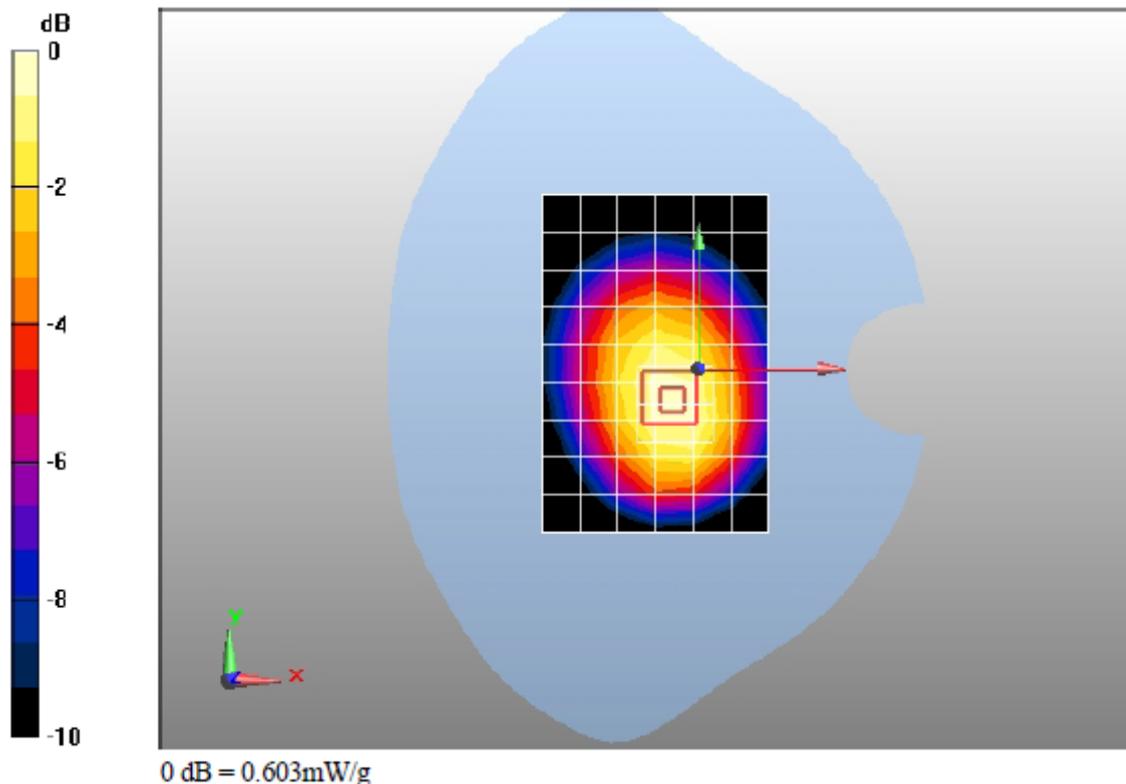
**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.748 W/kg

**SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.409 mW/g**

Maximum value of SAR (measured) = 0.603 mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground with Headset- GSM850 GPRS 2TS High**

**DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.971$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (10x14x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.657 mW/g

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

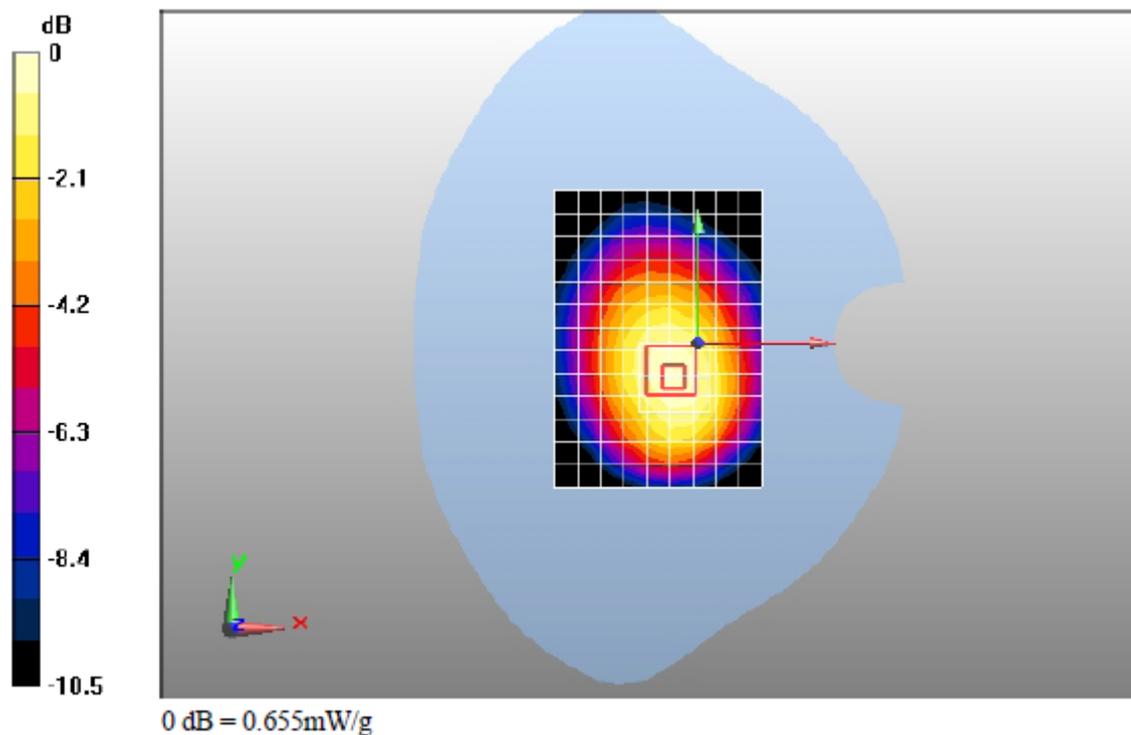
Reference Value = 24.7 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.825 W/kg

**SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.432 mW/g**

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

Maximum value of SAR (measured) = 0.655 mW/g



**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**P1528\_OET65\_EN62209- towards ground with Bluetooth Headset- GSM850 GPRS 2TS High**  
**DUT: HUAWEI U7520-5/U7520-5**

Communication System: GSM850; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.971$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.97, 5.97, 5.97); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Body/Area Scan (10x14x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.964 mW/g

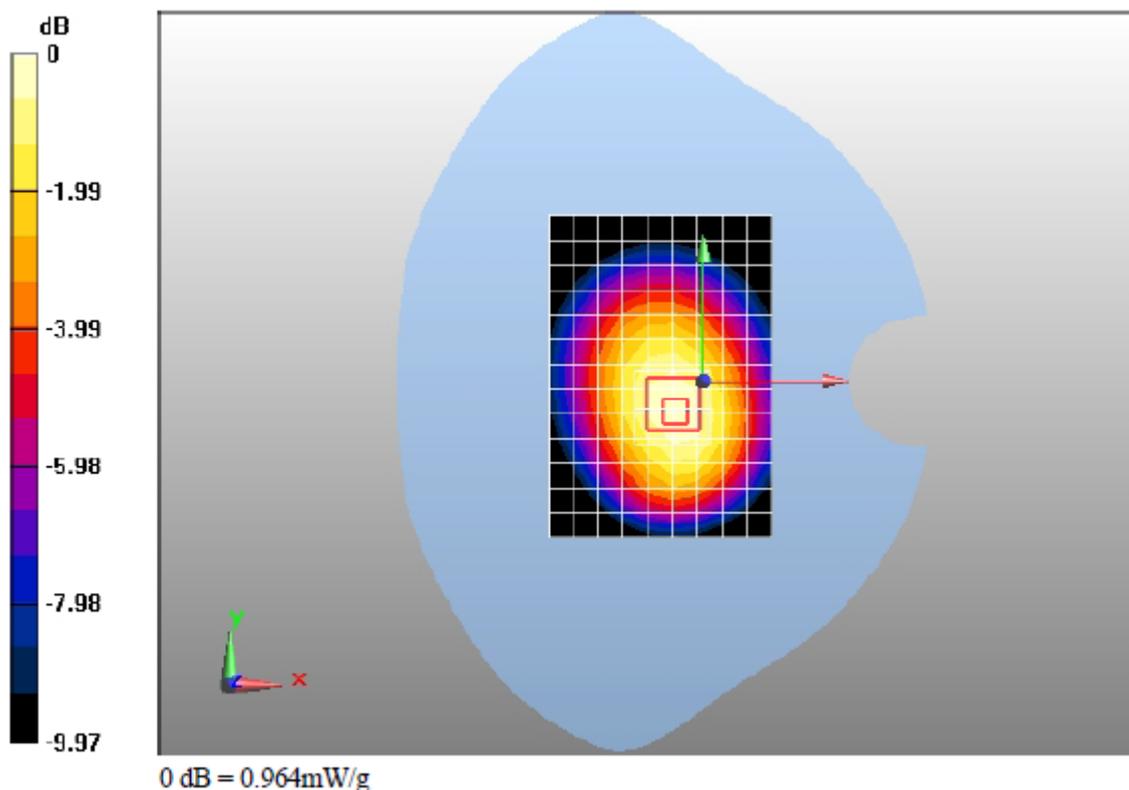
**Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.5 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.2 W/kg

**SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.646 mW/g**

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



**Additional information:**

position or distance of DUT to SAM (if not standard head positions) : 15 mm

ambient temperature: 22.0°C; liquid temperature: 21.5°C

**Annex 2.5 WCDMA1900 MHz Head**

Date/Time: 2010-10-26 22:15:27

**P1528\_OET65\_EN62209- LeftHandSide touched –WCDMA1900 Middle****DUT: HUAWEI U7520-5/U7520-5**

Communication System: WCDMA1900; Frequency: 1880 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

DASY5 Configuration:

- . Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2009-12-18
- . Sensor-Surface: 4mm (Mechanical Surface Detection)
- . Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- . Phantom: SAM2; Type: SAM; Serial: TP-1474
- . Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Head/Area Scan (10x16x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.620 mW/g

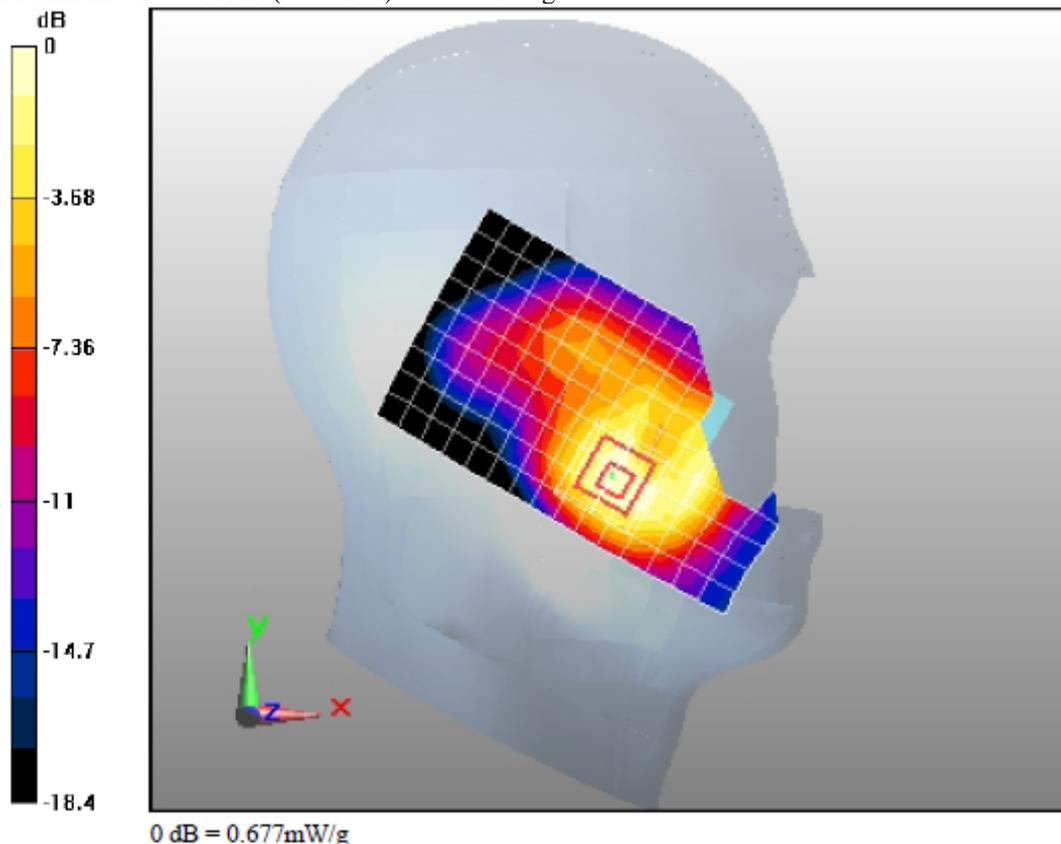
**Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.98 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.340 mW/g**

Maximum value of SAR (measured) = 0.677 mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.4°C

**P1528\_OET65\_EN62209- LeftHandSide tilted 15° –WCDMA1900 Middle  
DUT: HUAWEI U7520-5/U7520-5**

Communication System: WCDMA1900; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

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

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

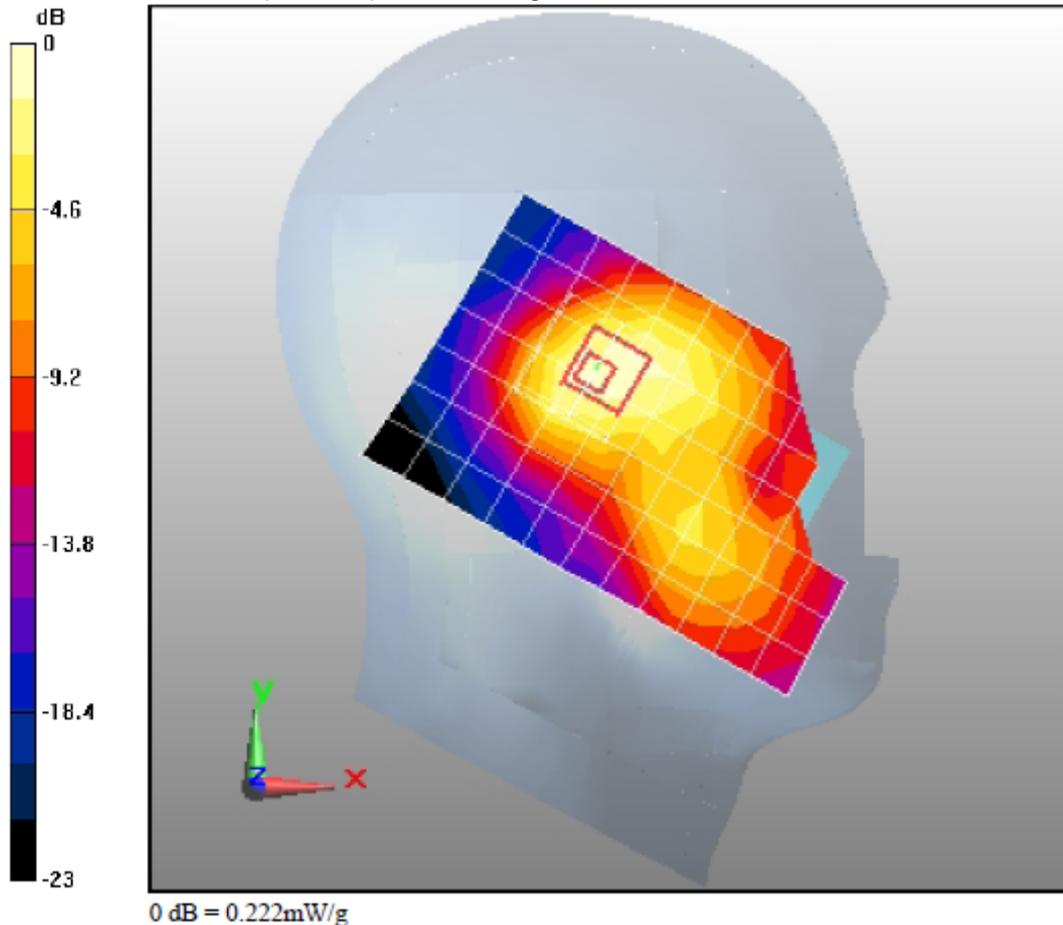
**Head/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.222 mW/g



**Additional information:**

position or distance of DUT to SAM (if not standard head positions) :  
ambient temperature: 22.0°C; liquid temperature: 21.4°C

**P1528\_OET65\_EN62209- RightHandSide touched –WCDMA1900 Middle  
DUT: HUAWEI U7520-5/U7520-5**

Communication System: WCDMA1900; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

**DASY5 Configuration:**

- . Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2009-12-18
- . Sensor-Surface: 4mm (Mechanical Surface Detection)
- . Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- . Phantom: SAM2; Type: SAM; Serial: TP-1474
- . Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Head/Area Scan (11x16x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.565 mW/g

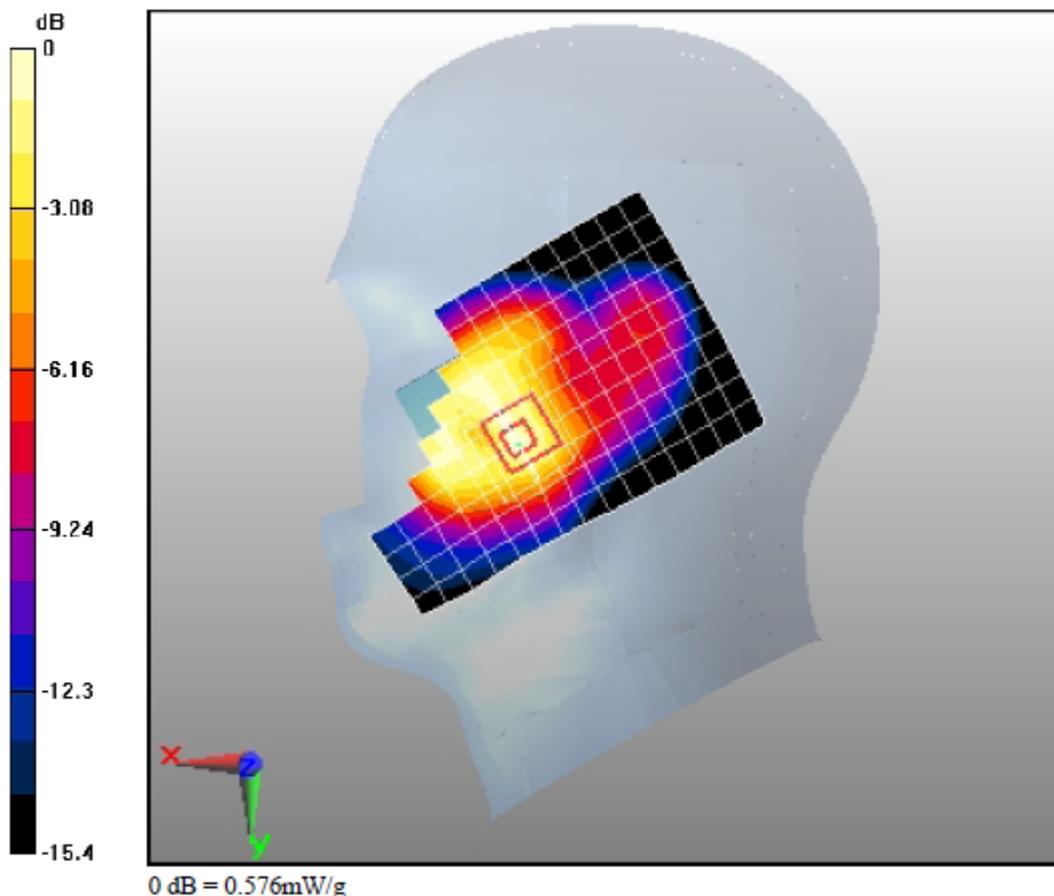
**Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.861 W/kg

**SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.576 mW/g



**Additional information:**

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.4°C

**P1528\_OET65\_EN62209- RightHandSide tilted 15° –WCDMA1900 Middle  
DUT: HUAWEI U7520-5/U7520-5**

Communication System: WCDMA1900; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

**DASY5 Configuration:**

- . Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2009-12-18
- . Sensor-Surface: 4mm (Mechanical Surface Detection)
- . Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- . Phantom: SAM2; Type: SAM; Serial: TP-1474
- . Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Head/Area Scan (10x16x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.256 mW/g

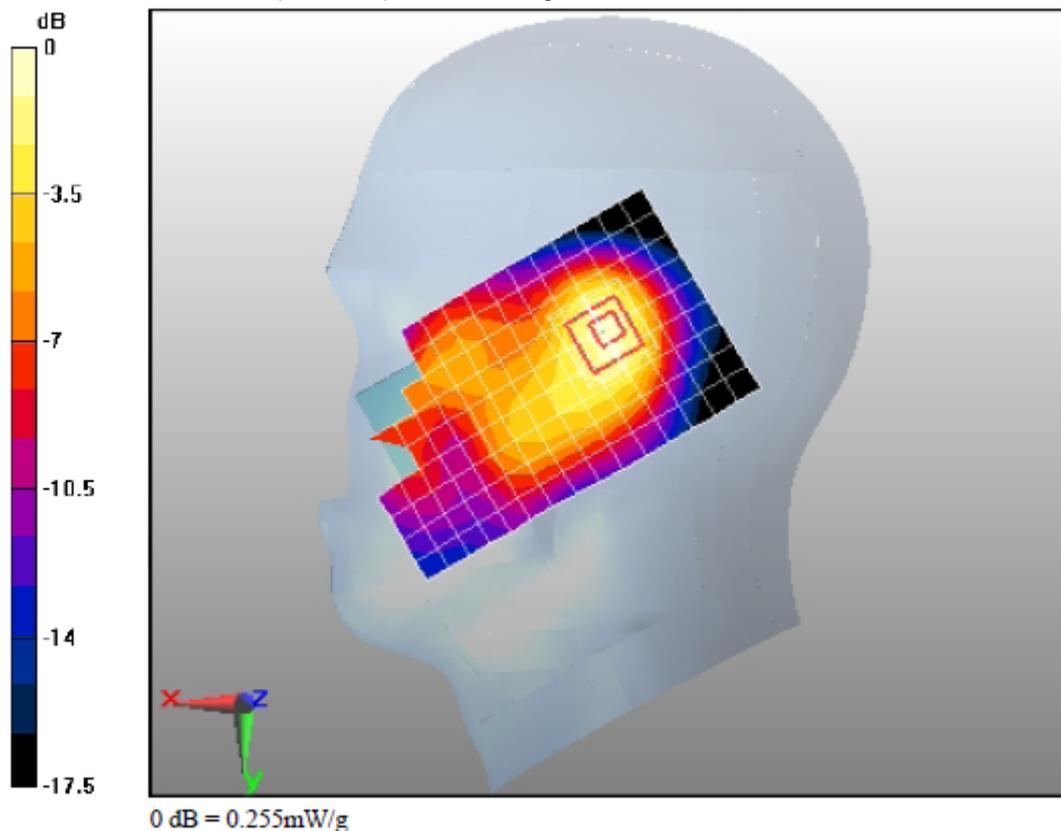
**Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.368 W/kg

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.135 mW/g**

Maximum value of SAR (measured) = 0.255 mW/g



**Additional information:**

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.4°C

## P1528\_OET65\_EN62209- LeftHandSide touched –WCDMA1900 High

### DUT: HUAWEI U7520-5/U7520-5

Communication System: WCDMA1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2009-12-18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 2009-12-18
- Phantom: SAM2; Type: SAM; Serial: TP-1474
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Head/Area Scan (10x16x1):** Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.682 mW/g

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

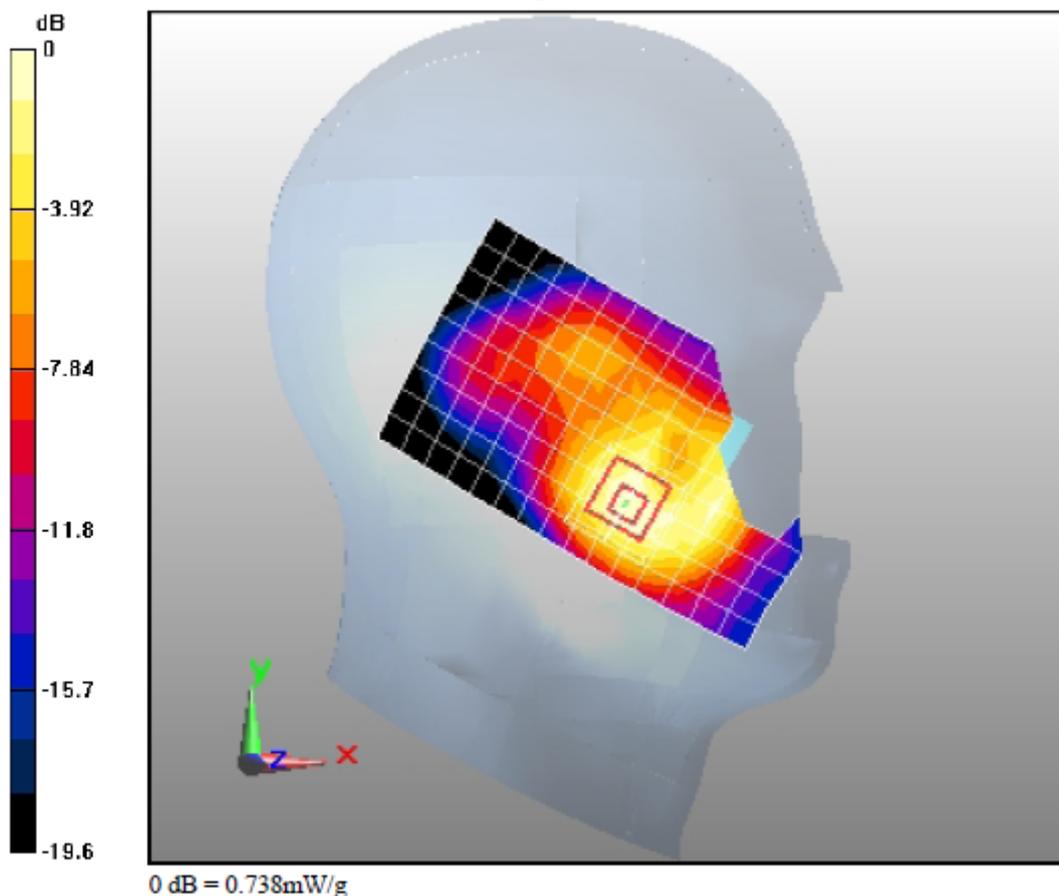
Reference Value = 8.4 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.366 mW/g**

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

Maximum value of SAR (measured) = 0.738 mW/g



### Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.4°C

**P1528\_OET65\_EN62209- LeftHandSide touched –WCDMA1900 Low****DUT: HUAWEI U7520-5/U7520-5**

Communication System: WCDMA1900; Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3168; ConvF(4.99, 4.99, 4.99); Calibrated: 2009-12-18

Sensor-Surface: 4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn852; Calibrated: 2009-12-18

Phantom: SAM2; Type: SAM; Serial: TP-1474

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

**Head/Area Scan (10x16x1):** Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.630 mW/g

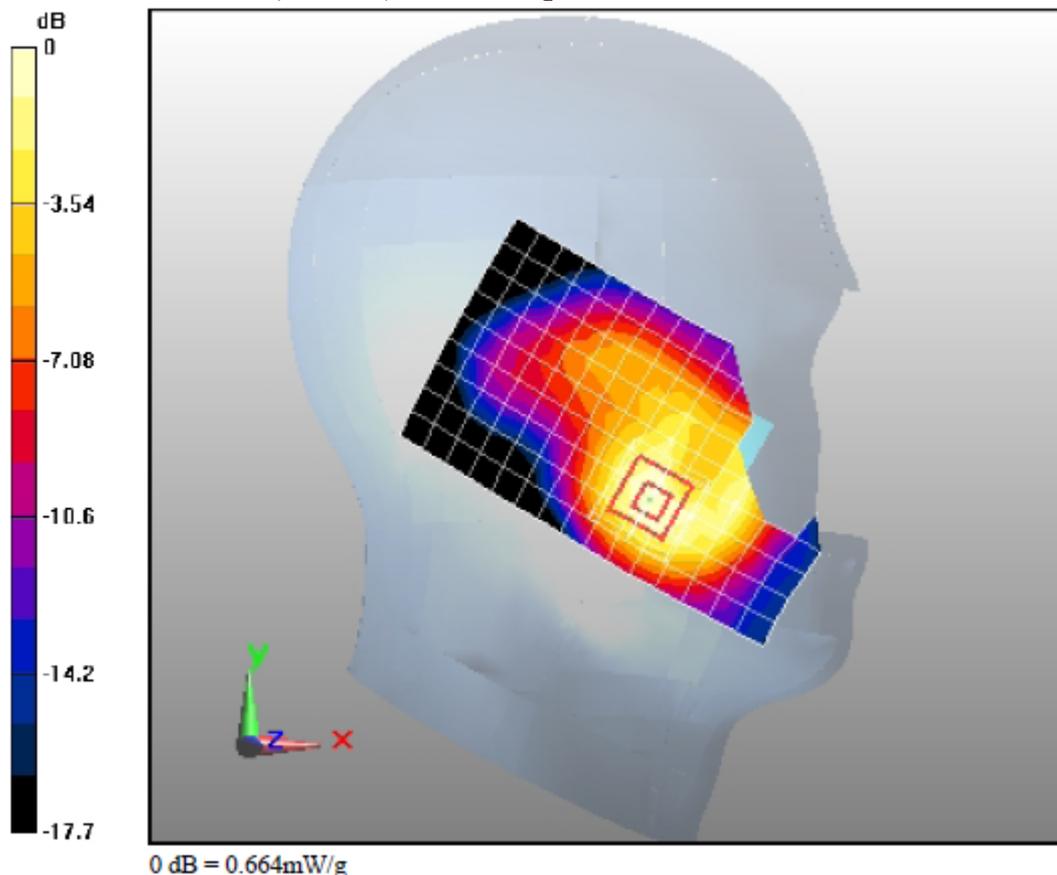
**Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.43 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.996 W/kg

**SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.338 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.664 mW/g

**Additional information:**

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.0°C; liquid temperature: 21.4°C