



## Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 190CH Left hand touch cheek

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.168 mW/g

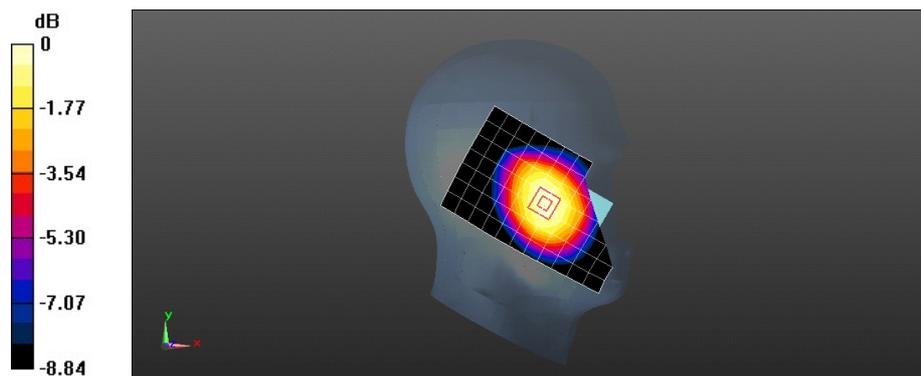
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.529 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.2030

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.126 mW/g**

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



0 dB = 0.170mW/g = -15.39 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 190CH Left hand tilt 15 degree

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

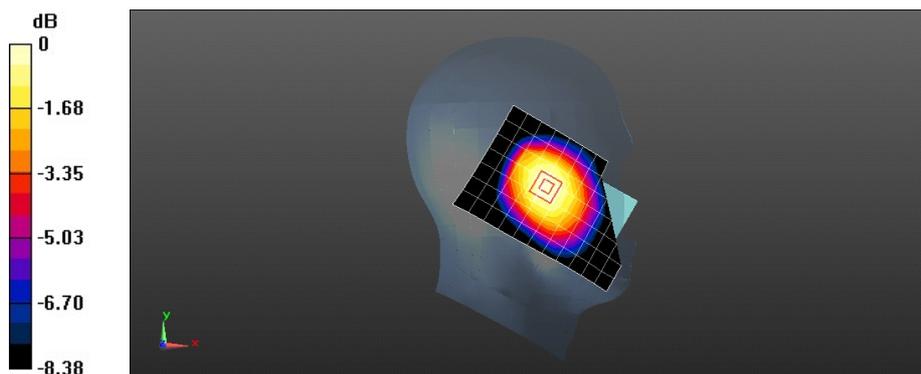
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz  
Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.158 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 9.456 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.1960  
**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.118 mW/g**  
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.160mW/g = -15.92 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 190CH Right hand touch cheek**

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

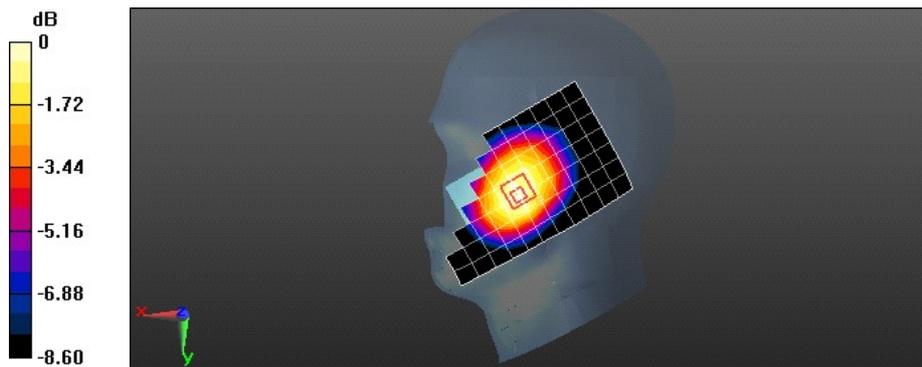
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz  
 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

DASY Configuration:

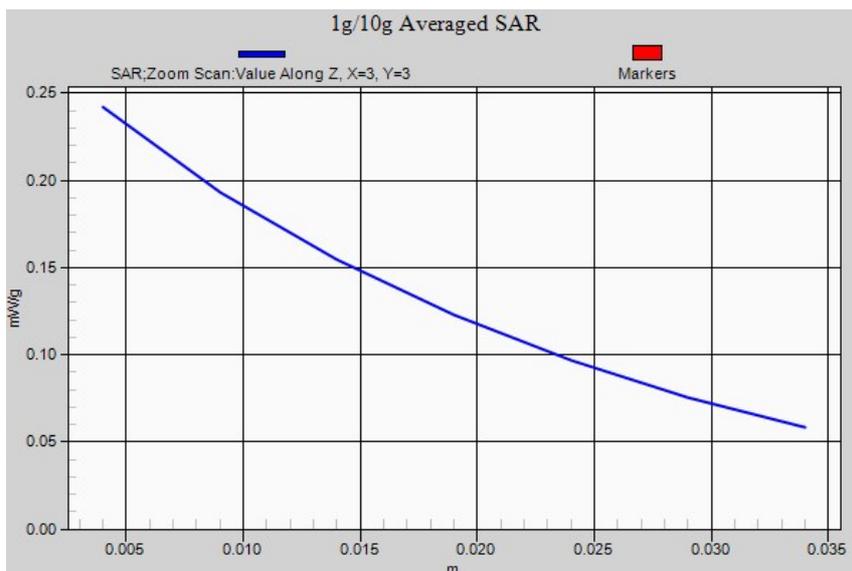
- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.243 mW/g

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 6.218 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 0.2920  
**SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.173 mW/g**  
 Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.240mW/g = -12.40 dB mW/g



Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 190CH Right hand tilt 15 degree

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.151 mW/g

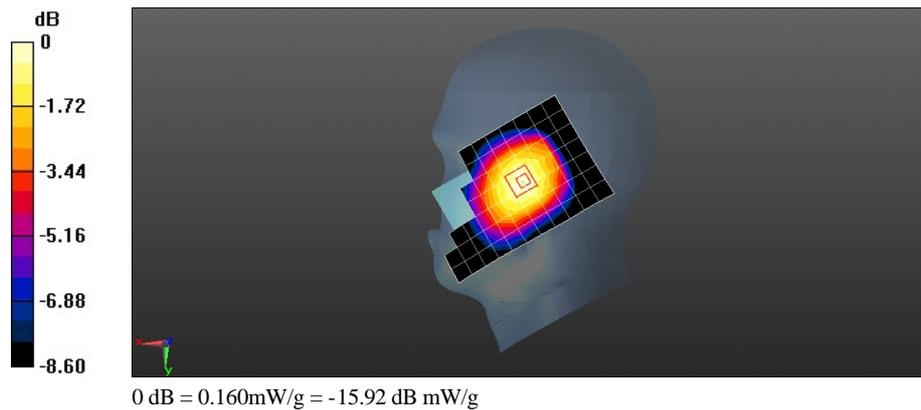
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.505 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.1890

**SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.112 mW/g**

Maximum value of SAR (measured) = 0.156 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 190CH Right hand touch cheek with The battery GAGB916XC37L1127(1250mAh)

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.200 mW/g

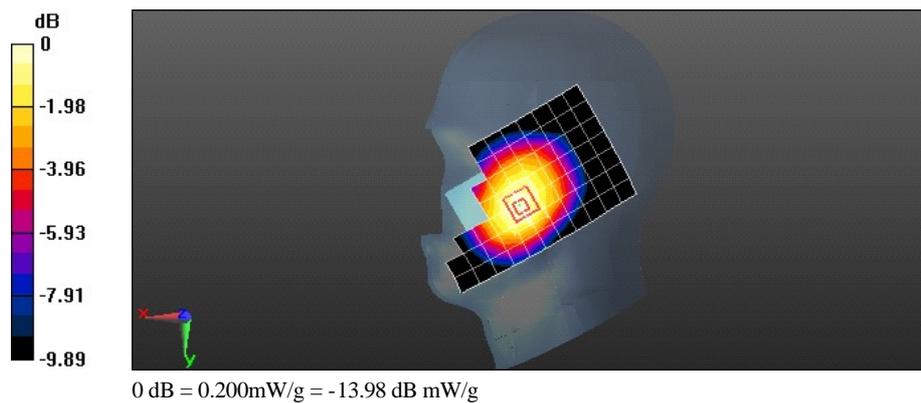
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.478 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.2500

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.203 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 190CH Right hand touch cheek with The battery BAAC214F97400361(1250mAh)**

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 42.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.04, 9.04, 9.04); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.220 mW/g

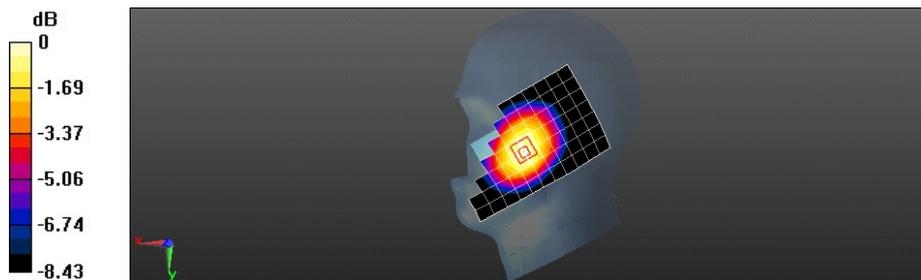
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.615 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.2620

**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.156 mW/g**

Maximum value of SAR (measured) = 0.217 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 GPRS 1TS 190CH Towards Phantom 10 mm****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.276 mW/g

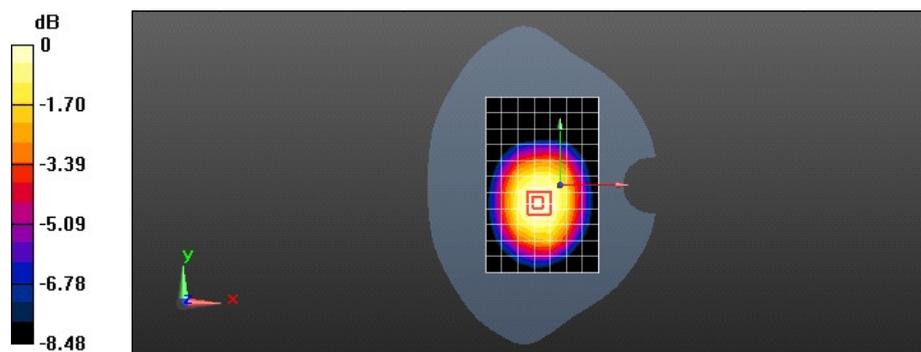
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 15.955 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.3440

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.203 mW/g**

Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.280mW/g = -11.06 dB mW/g

Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 GPRS 2TS 190CH Towards Phantom 10 mm

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.438 mW/g

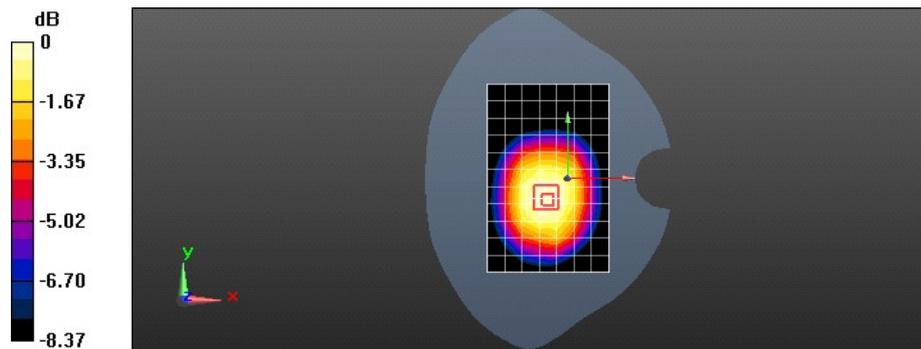
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 20.107 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.5610

**SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.314 mW/g**

Maximum value of SAR (measured) = 0.441 mW/g



0 dB = 0.440mW/g = -7.13 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 GPRS 2TS 251CH Towards Ground****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 1.314 mW/g

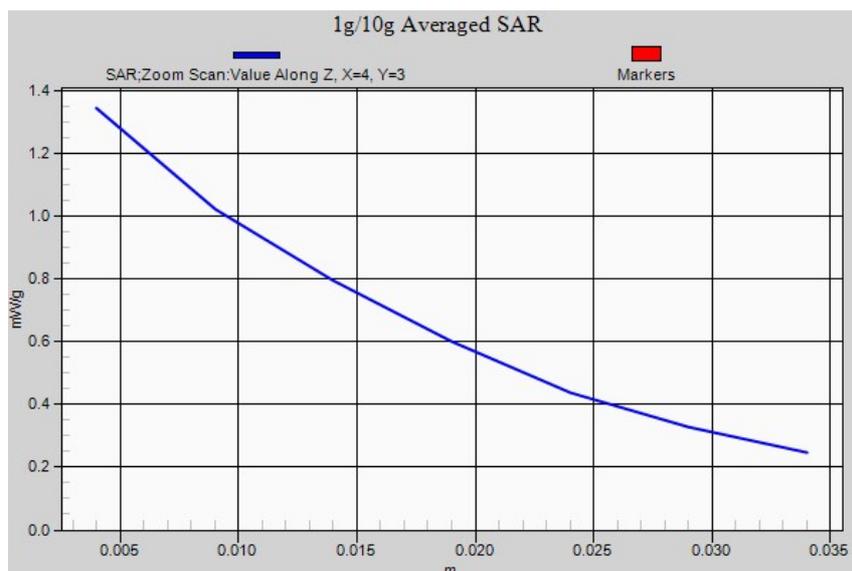
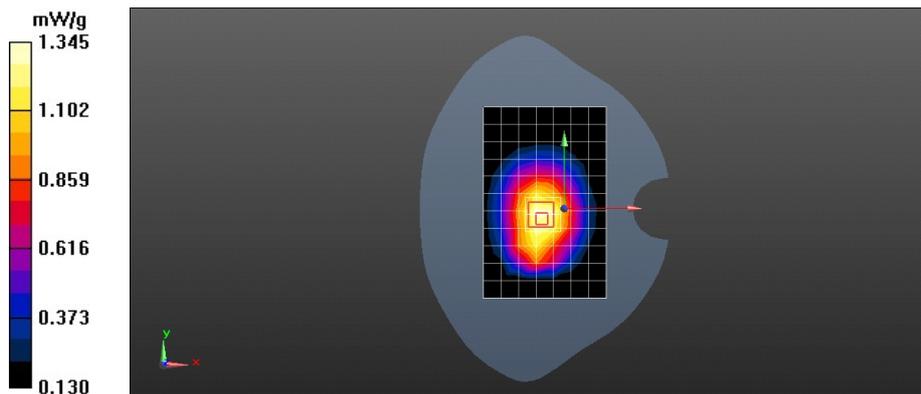
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 36.604 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.6790

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.923 mW/g**

Maximum value of SAR (measured) = 1.345 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 GPRS 2TS 190CH Towards Ground 10 mm

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 1.042 mW/g

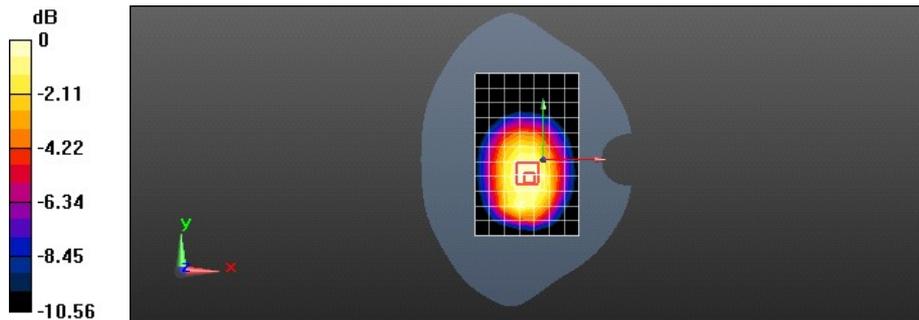
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 30.681 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.3440

**SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.708 mW/g**

Maximum value of SAR (measured) = 1.043 mW/g



0 dB = 1.040mW/g = 0.34 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 GPRS 2TS 128CH Towards Ground 10 mm****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 56.624$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.733 mW/g

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

Reference Value = 24.668 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.0480

**SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.435 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.695 mW/g

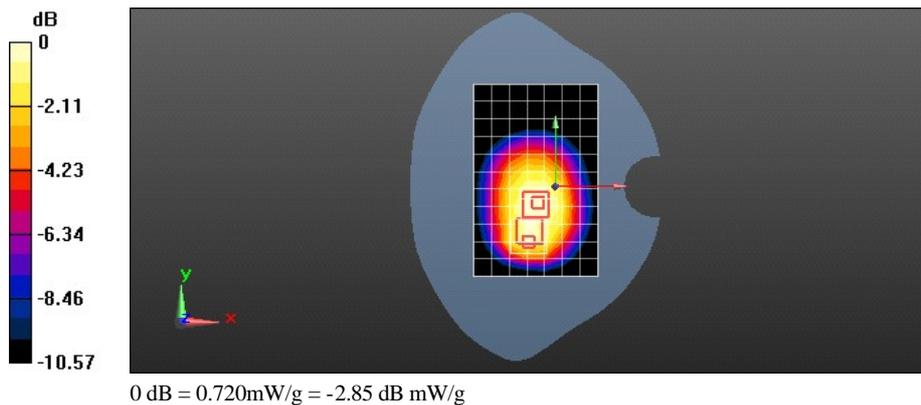
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.668 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.9100

**SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.498 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.716 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 GPRS 2TS 190CH Left edge 10 mm

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.323 mW/g

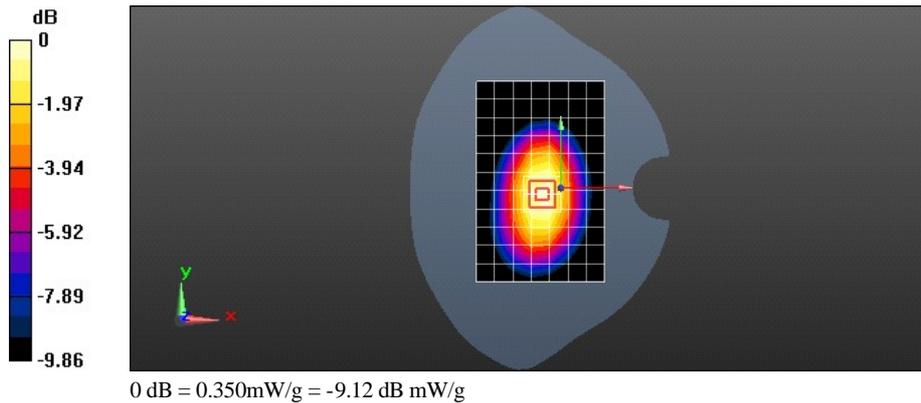
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 18.695 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.4710

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.221 mW/g**

Maximum value of SAR (measured) = 0.347 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 GPRS 2TS 190CH Right edge 10 mm****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.501 mW/g

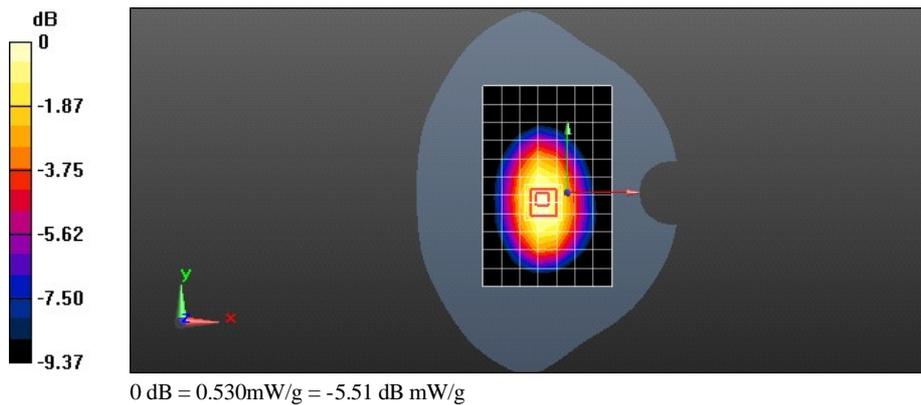
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.817 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.6670

**SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 0.534 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM850 GPRS 2TS 190CH Bottom edge 10 mm

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.067 mW/g

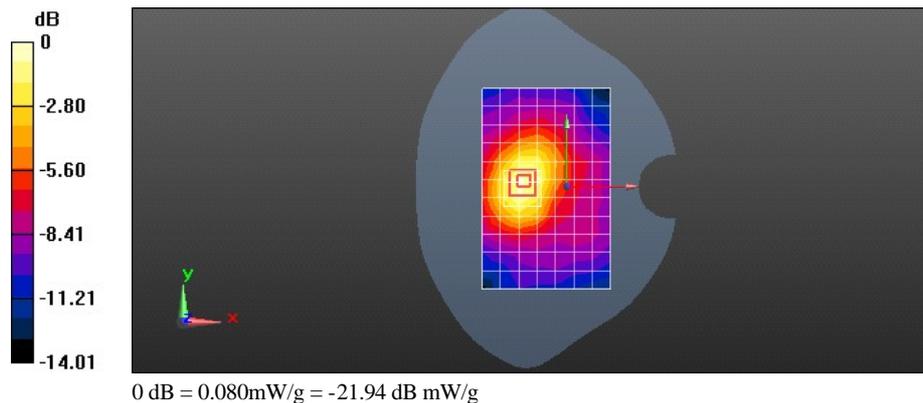
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.277 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.1080

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.044 mW/g**

Maximum value of SAR (measured) = 0.076 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 EDGE 1TS 190CH Towards Ground 10 mm****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

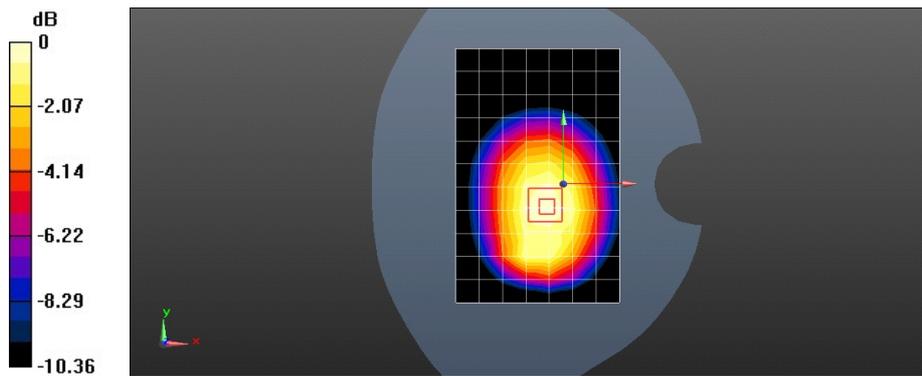
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 24.435 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.8440

**SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.470 mW/g**

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



0 dB = 0.680mW/g = -3.35 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 EDGE 2TS 251CH Towards Ground 10 mm****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 1.231 mW/g

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

Reference Value = 32.890 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.5850

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.838 mW/g**

Maximum value of SAR (measured) = 1.219 mW/g

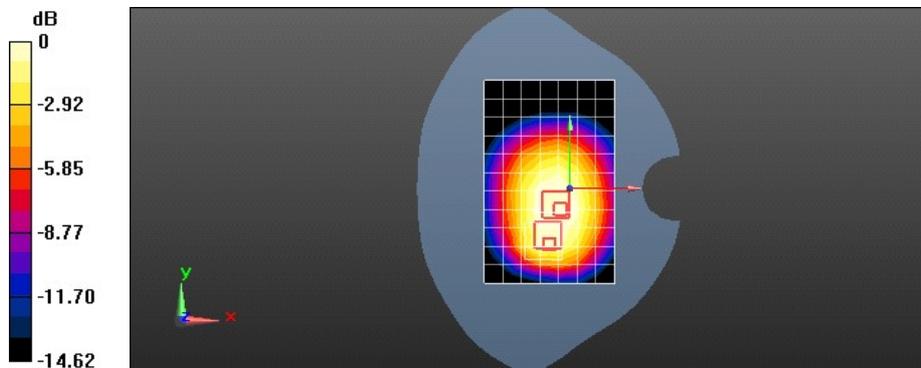
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 32.890 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.5150

**SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.678 mW/g**

Maximum value of SAR (measured) = 1.087 mW/g



0 dB = 1.090mW/g = 0.75 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 EDGE 2TS 190CH Towards Ground 10 mm****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 1.020 mW/g

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

Reference Value = 30.069 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.1890

**SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.672 mW/g**

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

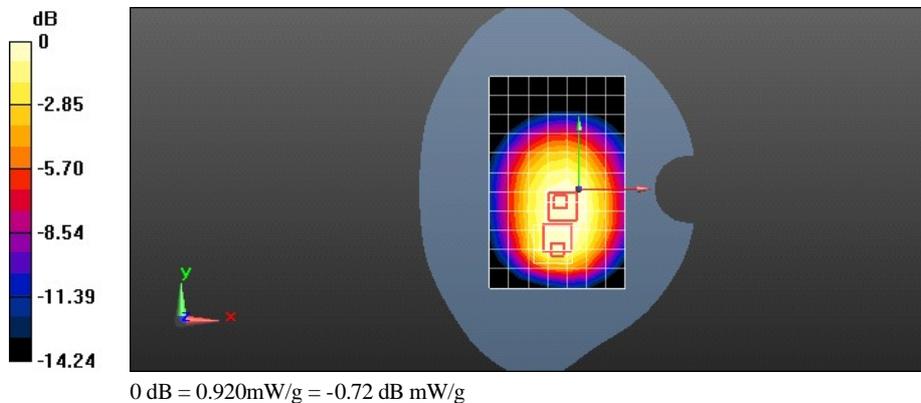
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.069 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.2850

**SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.566 mW/g**

Maximum value of SAR (measured) = 0.921 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 EDGE 2TS 128CH Towards Ground 10 mm****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 824.2 MHz

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 56.624$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Body/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.710 mW/g

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

Reference Value = 27.432 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.8470

**SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.563 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.740 mW/g

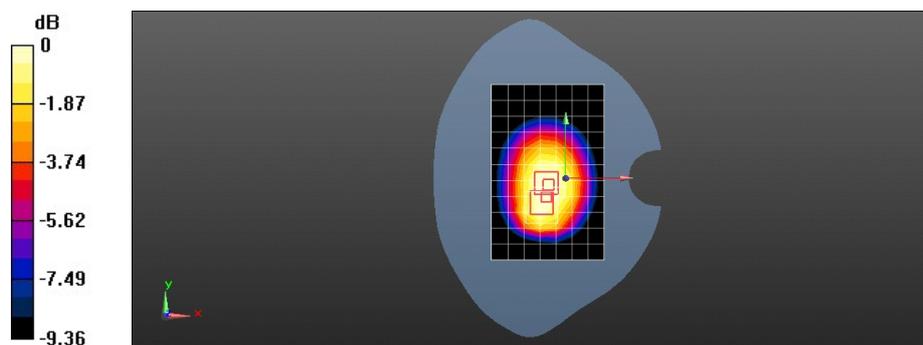
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.432 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.9160

**SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.499 mW/g**[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.705 mW/g



0 dB = 0.700mW/g = -3.10 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 251CH Towards Ground 10 mm with Headset****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.547 mW/g

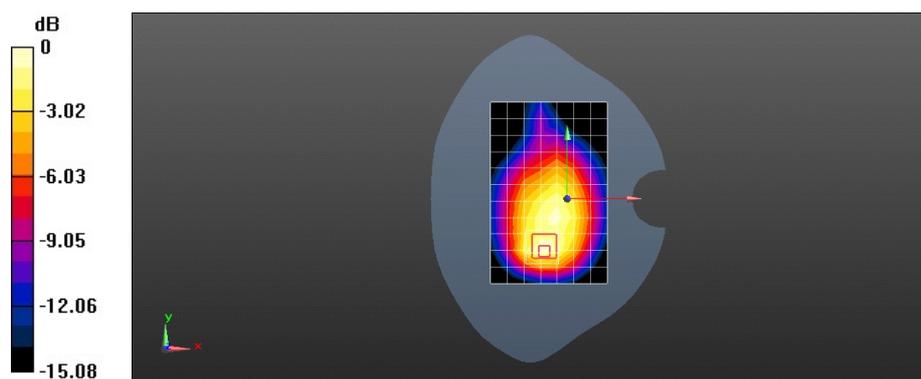
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.785 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.8370

**SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.292 mW/g**

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



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

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 GPRS 2TS 251CH Towards Ground 10 mm with The battery GAGB916XC37L1127(1250mAh)**

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 1.222 mW/g

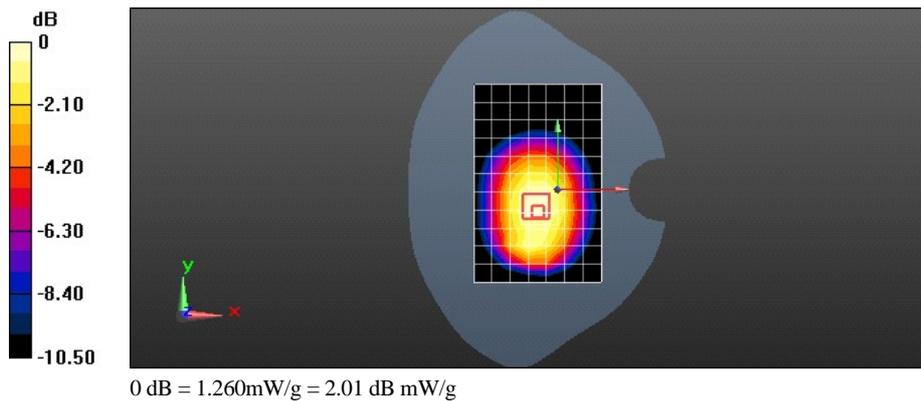
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 33.764 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.5940

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.864 mW/g**

Maximum value of SAR (measured) = 1.259 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM850 GPRS 2TS 251CH Towards Ground 10 mm with The battery BAAC214F97400361(1250mAh)****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 848.8 MHz

Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.004$  mho/m;  $\epsilon_r = 56.432$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.11, 9.11, 9.11); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 1.189 mW/g

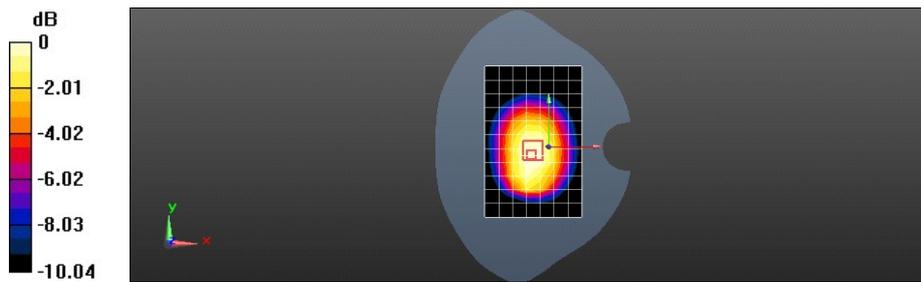
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 34.852 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.5440

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.845 mW/g**

Maximum value of SAR (measured) = 1.227 mW/g



0 dB = 1.230mW/g = 1.80 dB mW/g

Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM1900 661CH Left hand touch check****DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 38.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

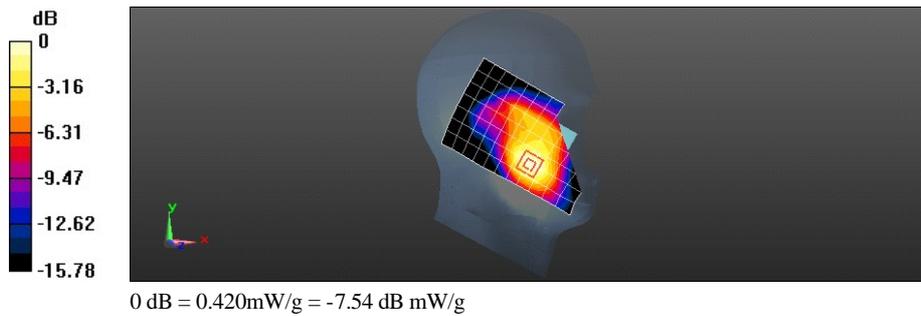
**Configuration/Head/Area Scan (8x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.421 mW/g

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

Reference Value = 5.926 V/m; Power Drift = -0.00061 dB

Peak SAR (extrapolated) = 0.6480

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.234 mW/g**

Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM1900 661CH Left hand tilt 15 degree

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 38.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.188 mW/g

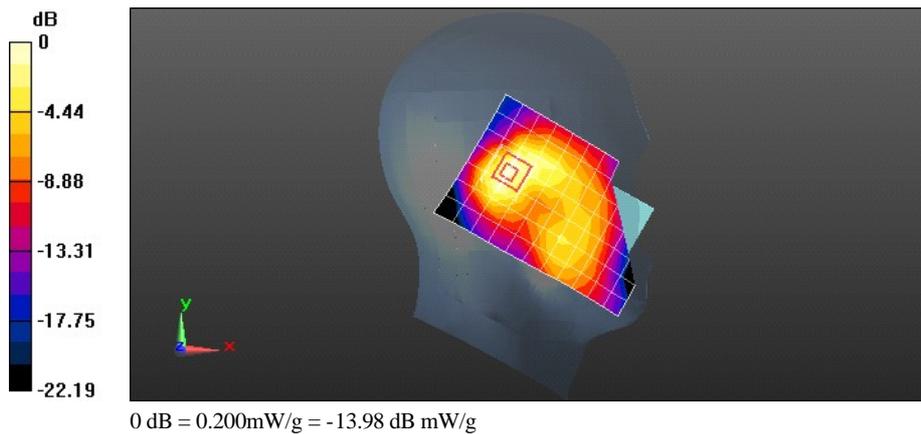
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.048 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.2990

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.107 mW/g**

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



Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM1900 661CH Right hand touch check

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 38.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.341 mW/g

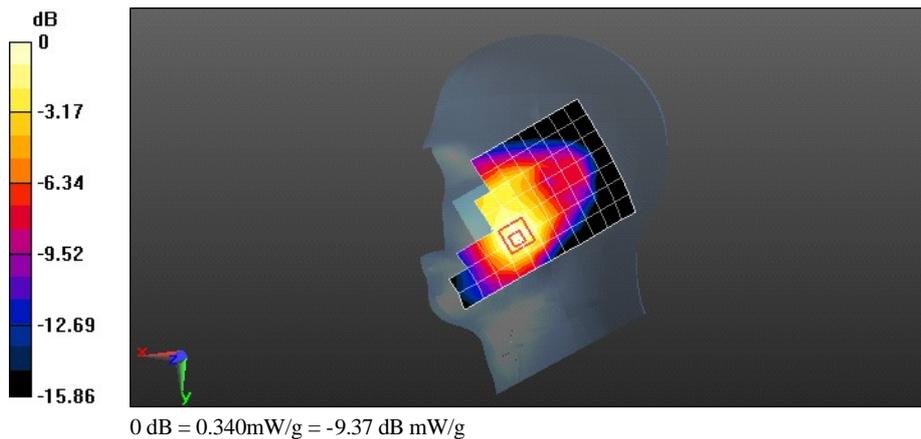
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.960 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.4790

**SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.200 mW/g**

Maximum value of SAR (measured) = 0.340 mW/g



Test Laboratory: HUAWEI SAR Lab

### U8655-1 GSM1900 661CH Right hand tilt 15 degree

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 38.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.211 mW/g

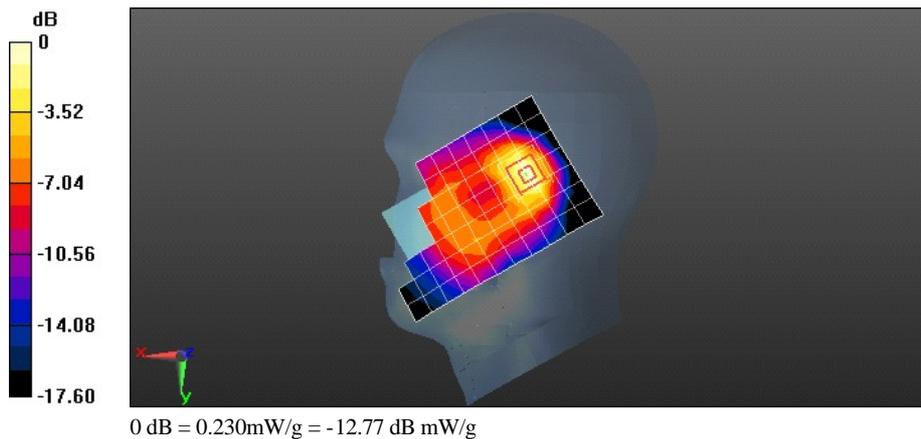
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.483 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.3420

**SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.111 mW/g**

Maximum value of SAR (measured) = 0.228 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM1900 661CH Left hand touch cheek with The battery GAGB916XC37L1127 (1250mAh)**

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.439$  mho/m;  $\epsilon_r = 38.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

Maximum value of SAR (measured) = 0.418 mW/g

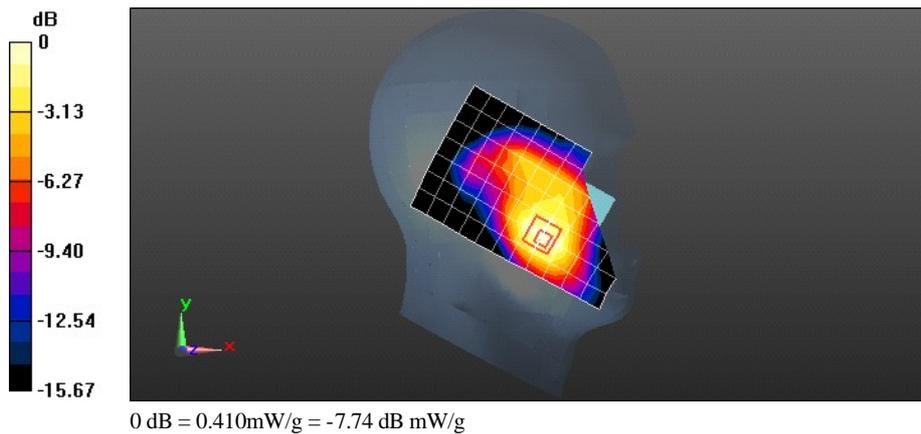
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.921 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.6250

**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 0.413 mW/g



Test Laboratory: HUAWEI SAR Lab

**U8655-1 GSM1900 661CH Left hand touch cheek with The battery BAAC214F97400361(1250mAh)**

**DUT: U8655-1; Type: HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; webphones Android" by sfr STARTRAIL II; HUAWEI ASCEND Y200; ASCEND Y200; Serial: SAR1**

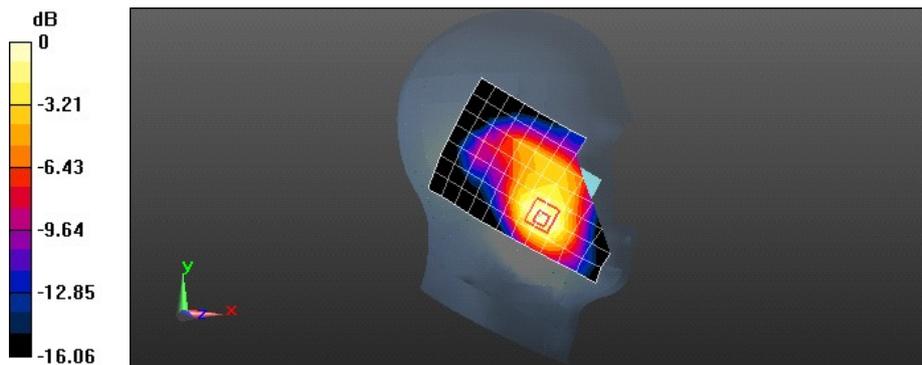
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.439 \text{ mho/m}$ ;  $\epsilon_r = 38.402$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 11/11/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

**Configuration/Head/Area Scan (8x12x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.429 mW/g

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 6.607 V/m; Power Drift = -0.15 dB  
 Peak SAR (extrapolated) = 0.6480  
**SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.236 mW/g**  
 Maximum value of SAR (measured) = 0.425 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

