



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 190CH Left hand touch cheek

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.361$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.450 mW/g

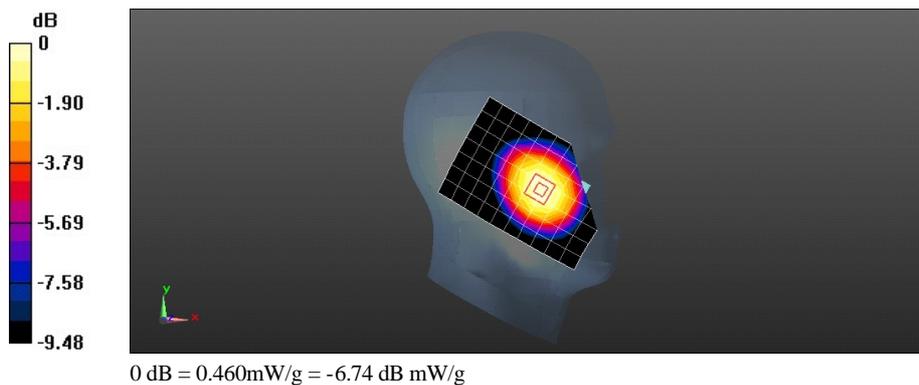
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.373 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.5480

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.462 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 190CH Left hand tilt 15 degree

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.361$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.268 mW/g

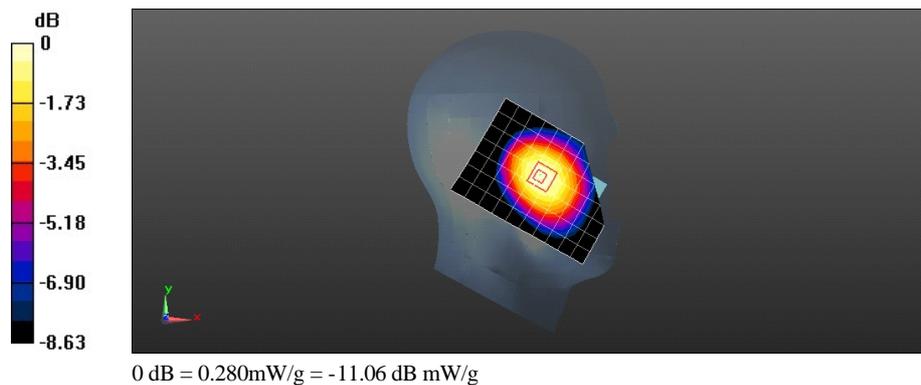
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.709 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.3390

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.201 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 190CH Right hand touch cheek**DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.361$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.549 mW/g

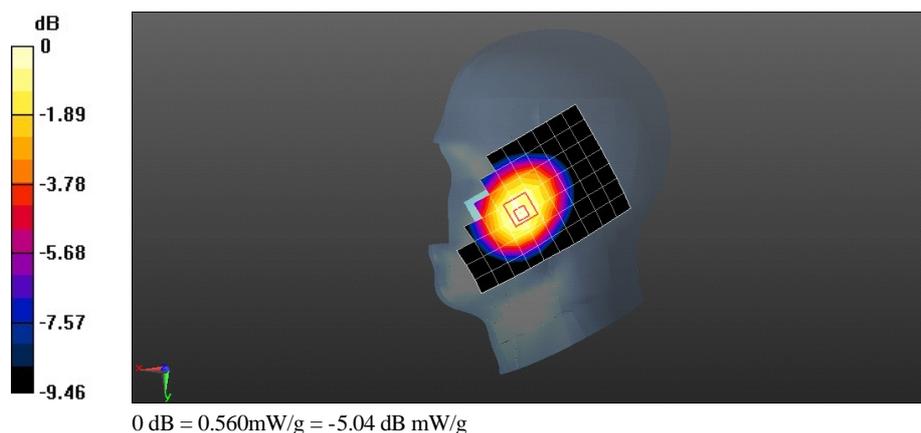
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.804 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.6540

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.558 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 190CH Right hand tilt 15 degree

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.361$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.304 mW/g

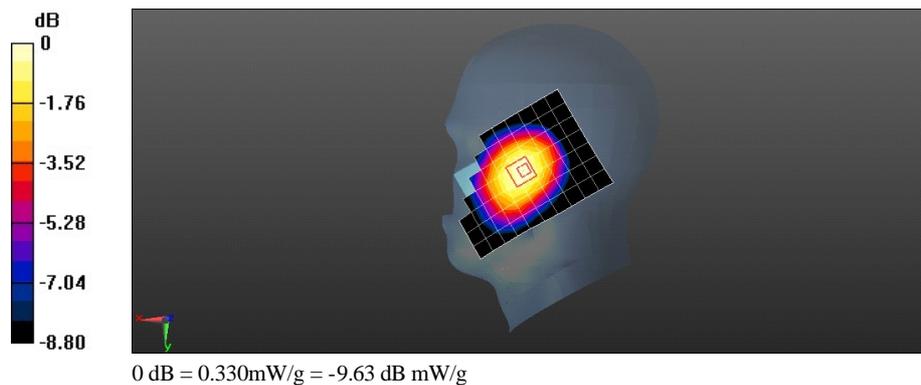
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.808 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.3830

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.325 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 190CH Right hand touch cheek with GAGBA11XC4062334**DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.361$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

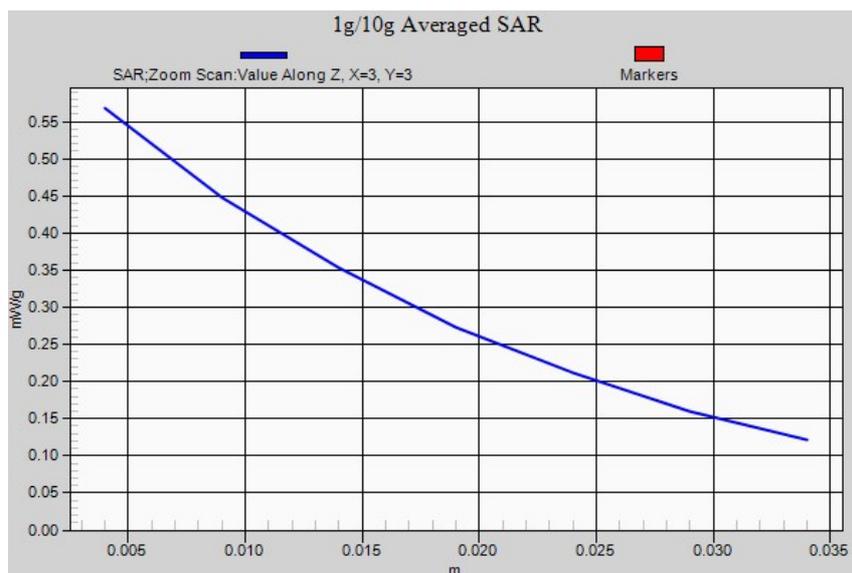
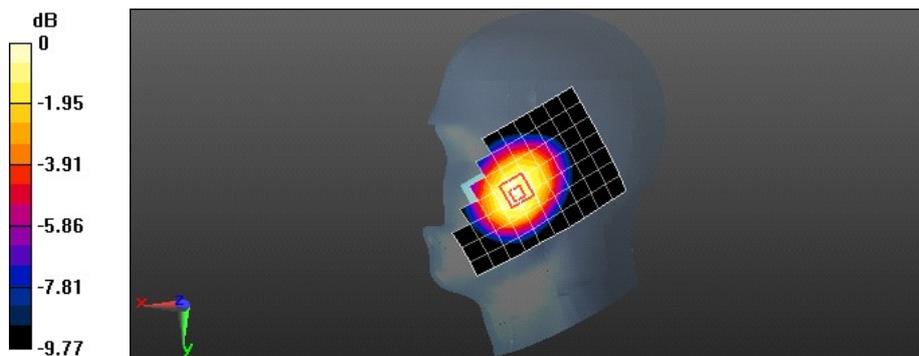
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.646 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.6780

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.568 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 GPRS 1TS 190CH Towards Phantom 10mm

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.432 mW/g

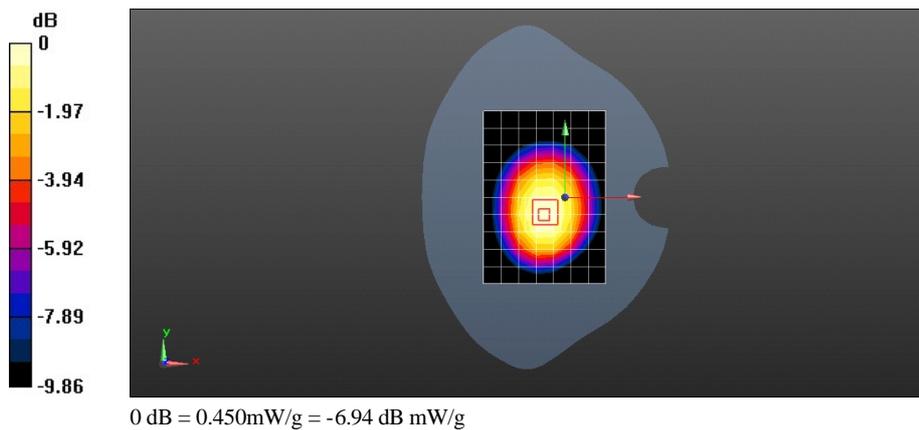
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.431 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.5500

SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.448 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 GPRS 2TS 190CH Towards Phantom 10mm

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.442 mW/g

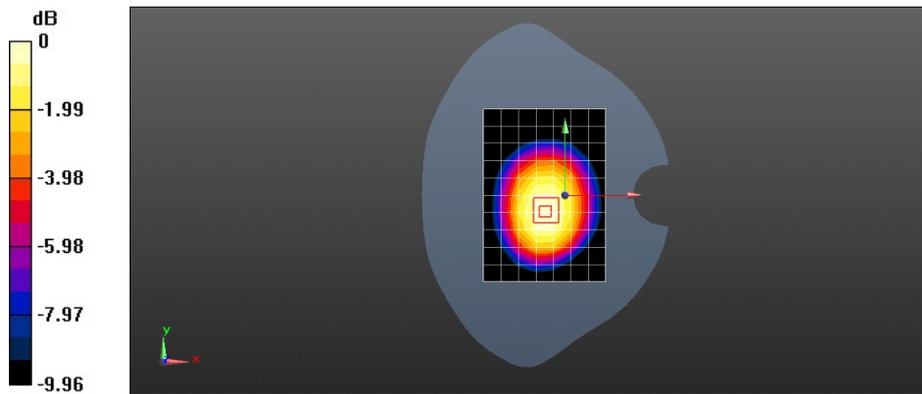
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.723 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.5520

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.455 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 GPRS 2TS 190CH Towards Ground 10mm**DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.689 mW/g

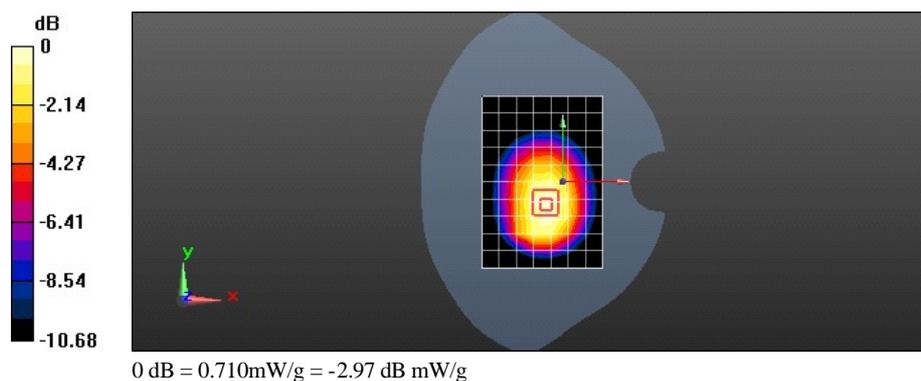
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.033 V/m; Power Drift = -0.0074 dB

Peak SAR (extrapolated) = 0.9100

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.473 mW/g

Maximum value of SAR (measured) = 0.712 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 GPRS 2TS 190CH Left edge 10mm

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

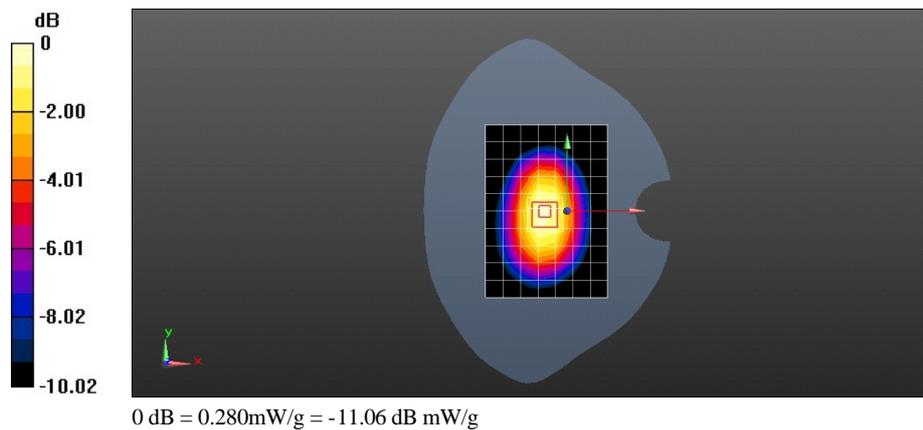
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.677 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.3710

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.175 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 GPRS 2TS 190CH Right edge 10mm**DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

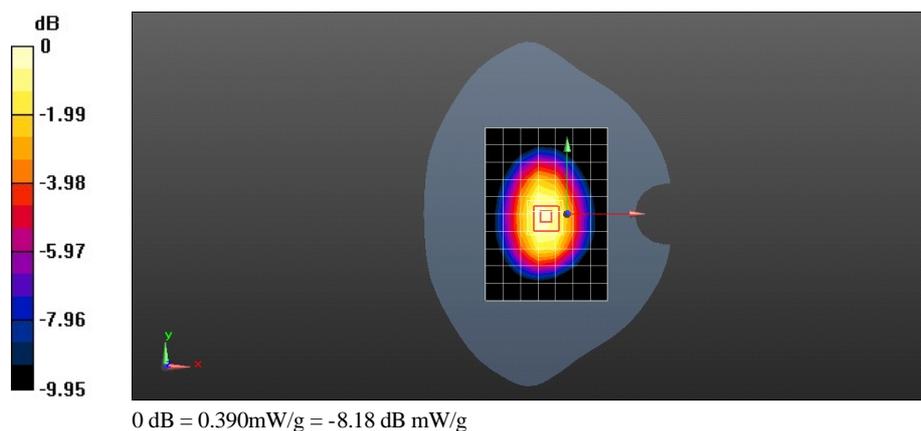
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.889 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.5220

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.393 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 GPRS 2TS 190CH Bottom edge 10mm

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.086 mW/g

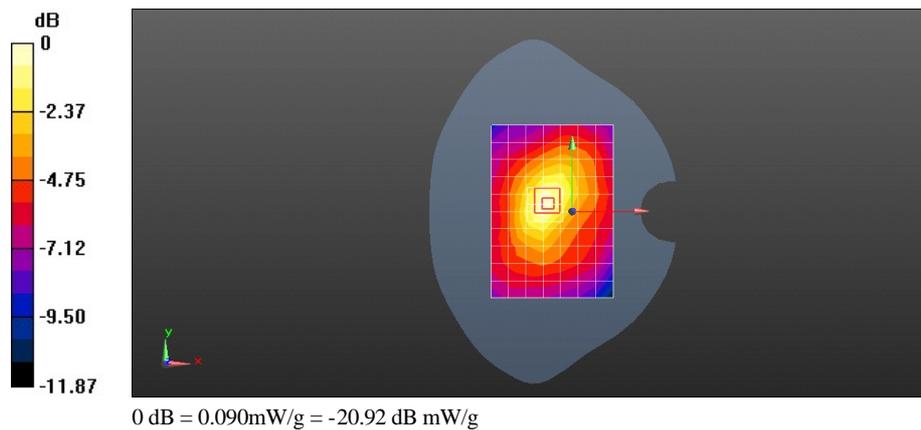
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.879 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.1500

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.087 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 EGPRS 1TS 190CH Towards Ground 10mm

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

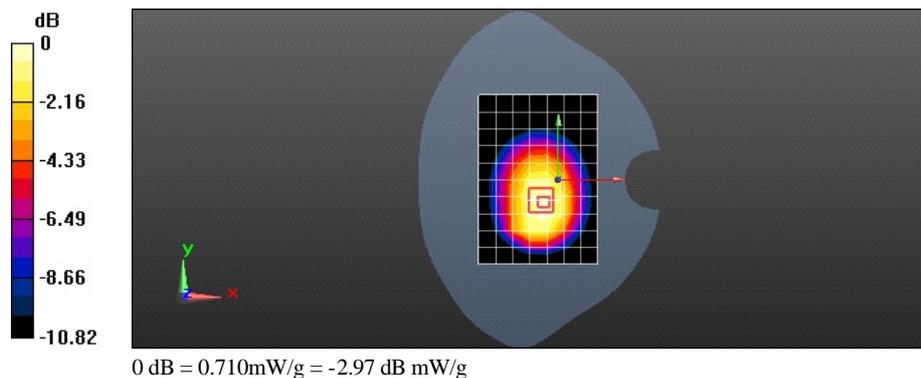
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.799 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.9530

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.706 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 EGPRS 2TS 190CH Towards Ground 10mm

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

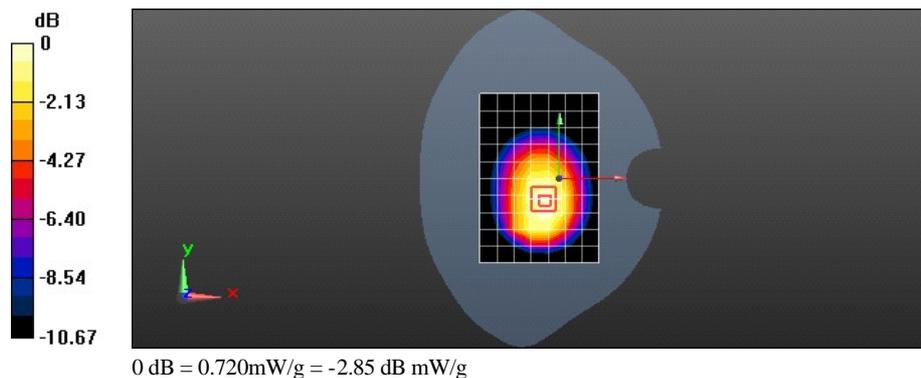
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.087 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.9670

SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.472 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 190CH Towards Ground 10mm with Handset

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.571 mW/g

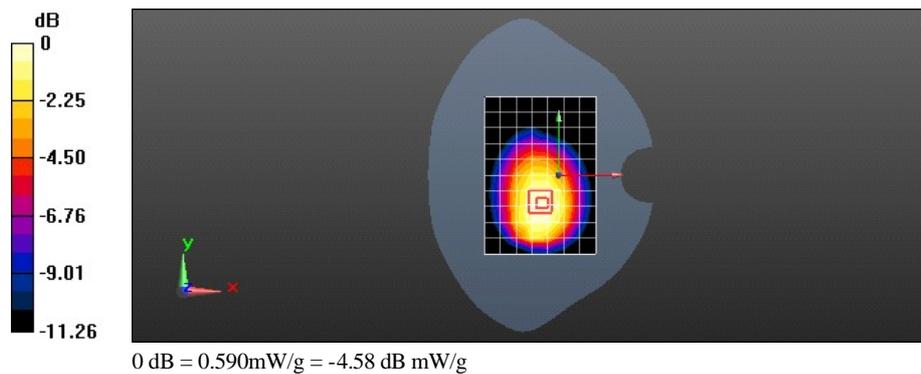
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.298 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.7660

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.392 mW/g

Maximum value of SAR (measured) = 0.588 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM850 EGPRS 2TS 190CH Towards Ground 10mm with GAGBA11XC4062334

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

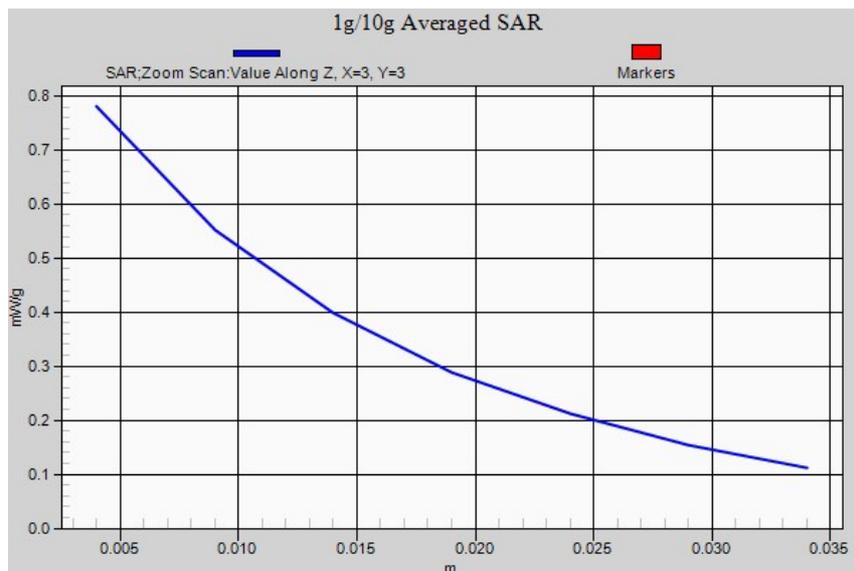
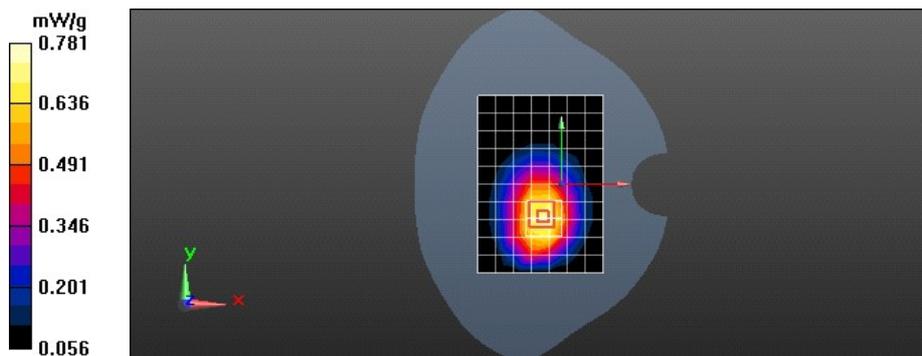
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.977$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.758 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 22.939 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 1.0660
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.511 mW/g
 Maximum value of SAR (measured) = 0.781 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM1900 661CH Left hand touch cheek

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

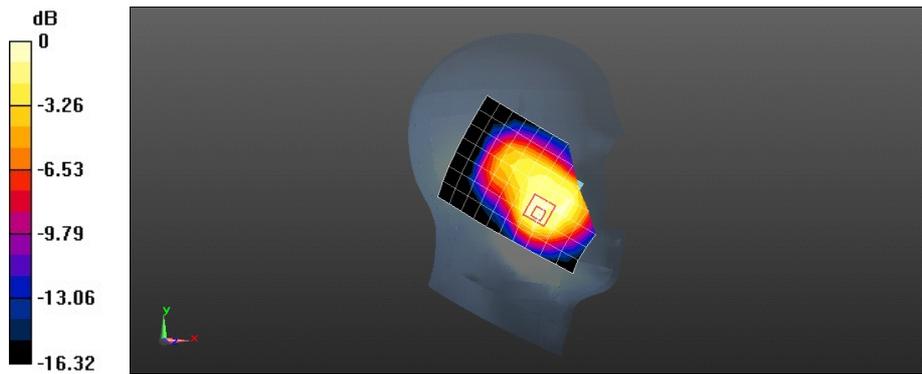
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ mho/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

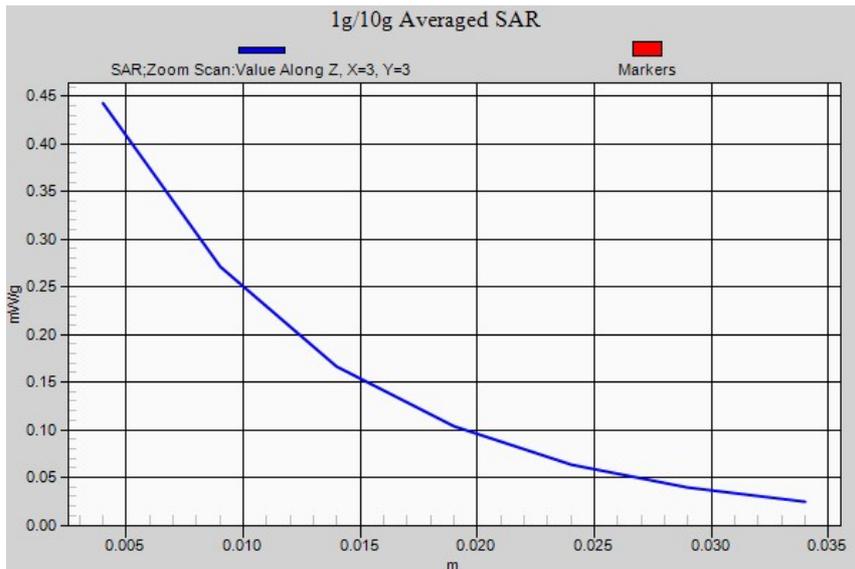
- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.409 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 6.255 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.6590
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.244 mW/g
 Maximum value of SAR (measured) = 0.443 mW/g



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



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM1900 661CH Left hand tilt 15 degree

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ mho/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.240 mW/g

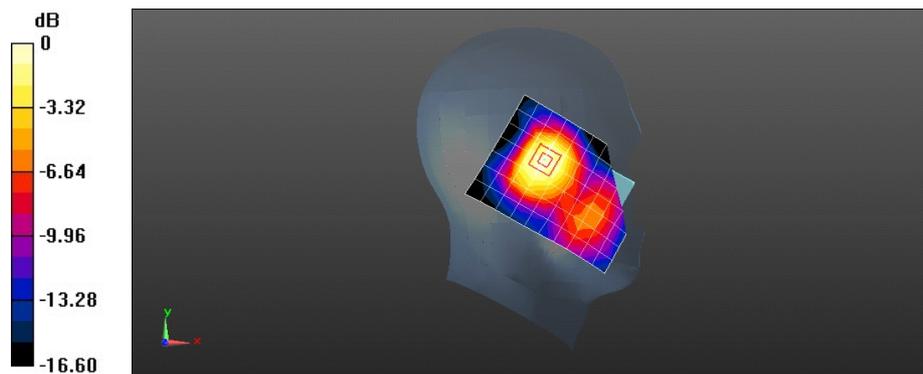
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.663 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.3350

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.142 mW/g

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



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

Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM1900 661CH Right hand touch cheek

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ mho/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

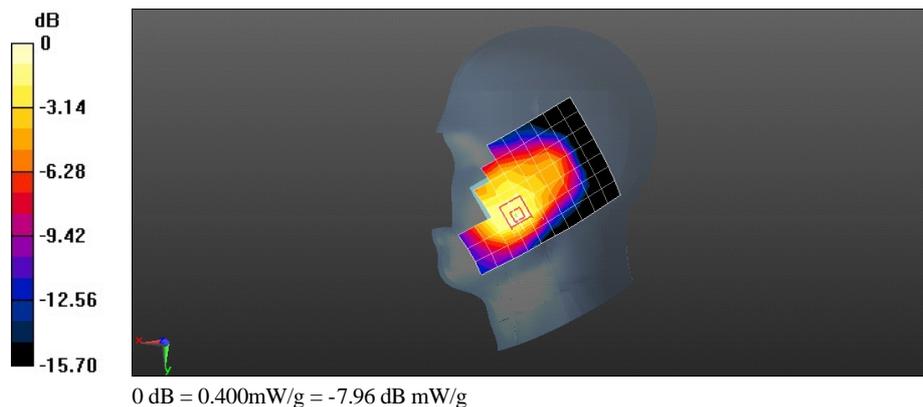
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.170 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.5820

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.405 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-1 GSM1900 661CH Right hand tilt 15 degree

DUT: U8185-1; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ mho/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

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 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.207 mW/g

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

Reference Value = 9.123 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.2970

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.216 mW/g

