

Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 661CH Left hand touch cheek

DUT: U8185-7; 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) = 0.460 mW/g

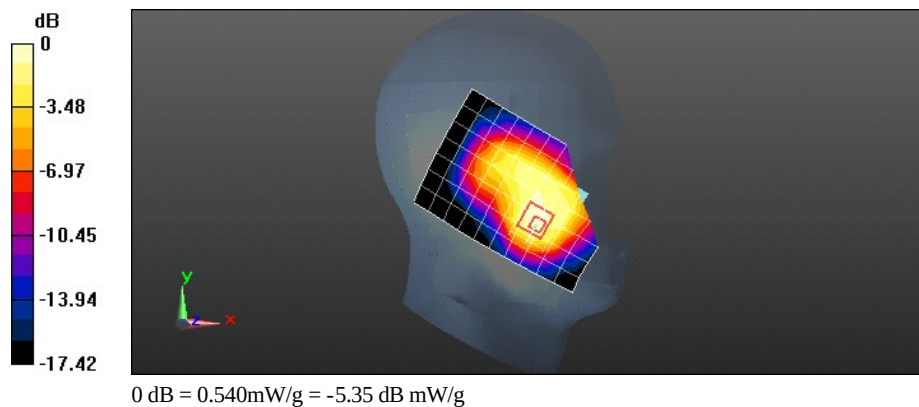
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.730 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.8170

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.288 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 661CH Left hand tilt 15 degree

DUT: U8185-7; 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) = 0.281 mW/g

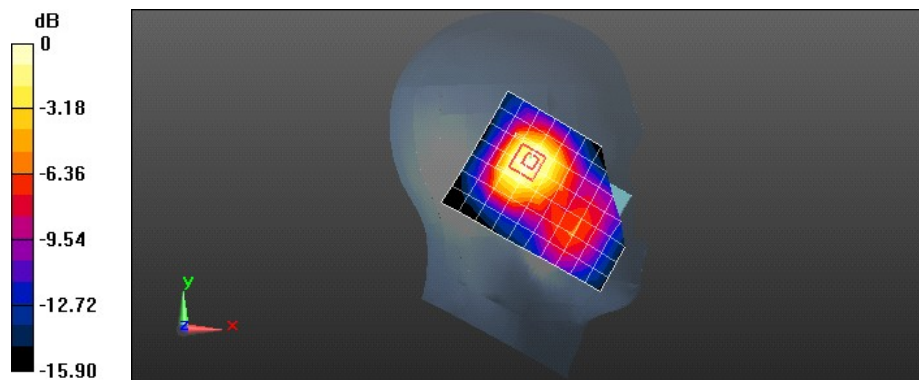
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.562 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.4080

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.290mW/g = -10.75 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 661CH Right hand touch cheek**DUT: U8185-7; 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) = 0.472 mW/g

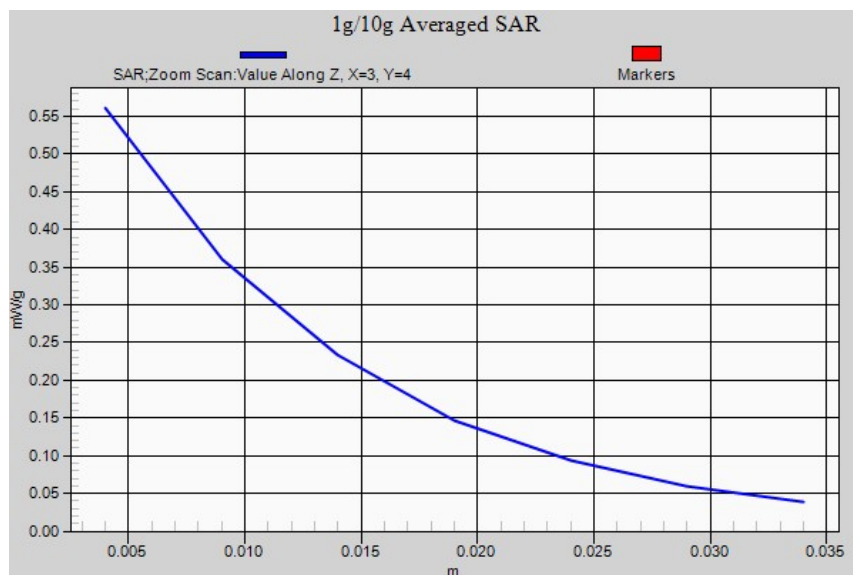
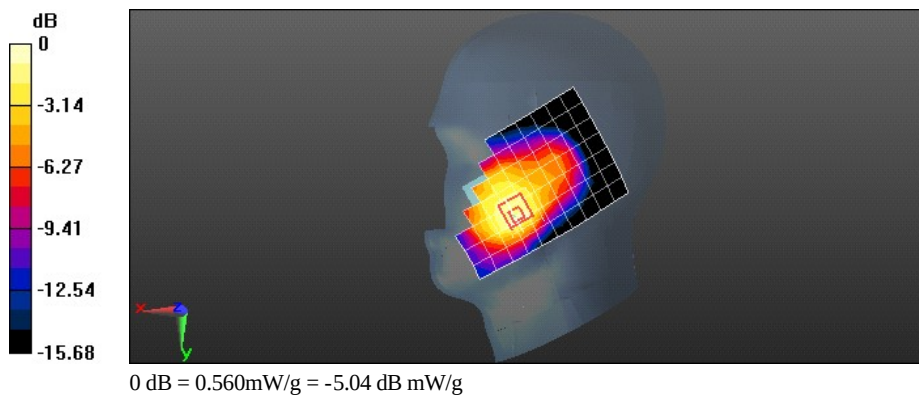
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.544 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.8010

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.306 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 661CH Right hand tilt 15 degree

DUT: U8185-7; 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) = 0.237 mW/g

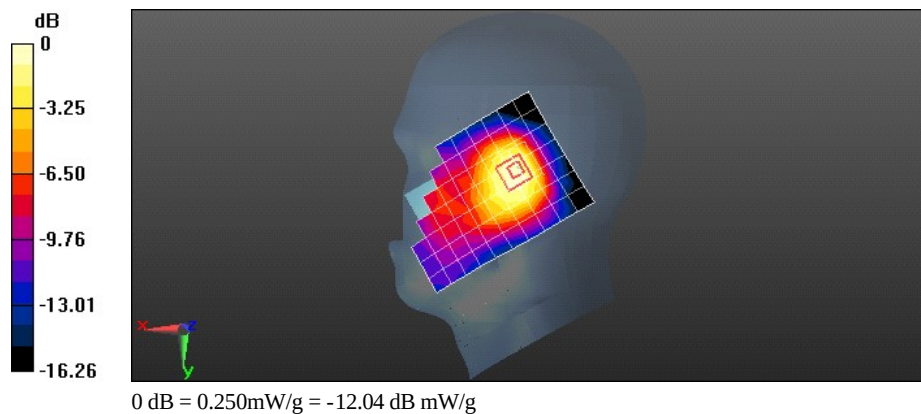
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.990 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.3410

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.149 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 661CH Right hand touch cheek with GAGBA11XC4059938

DUT: U8185-7; 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) = 0.427 mW/g

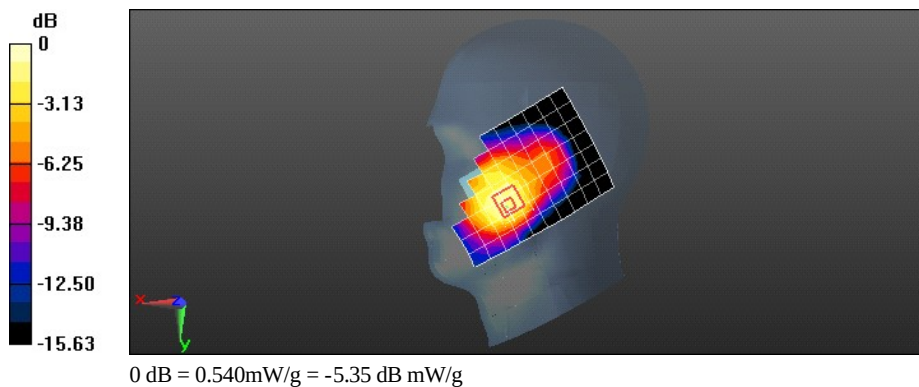
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.619 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.7680

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 GPRS 1TS 661CH Towards Phantom 10mm

DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.464 mW/g

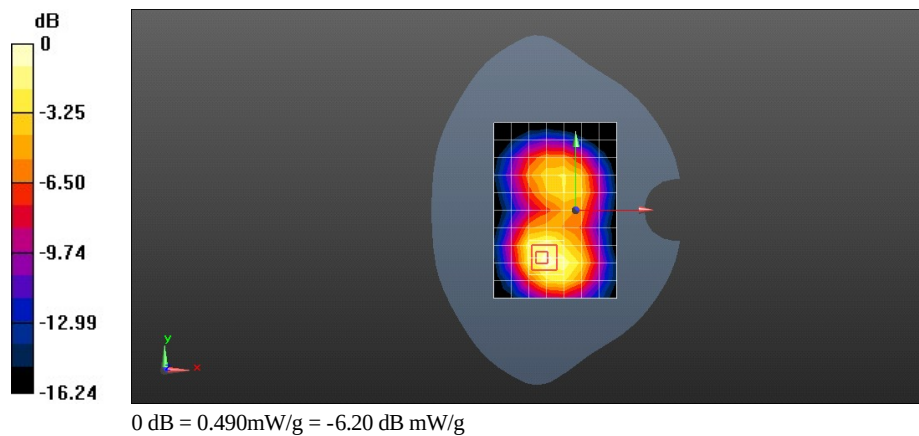
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.126 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.7800

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.490 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 GPRS 2TS 661CH Towards Phantom 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.453 mW/g

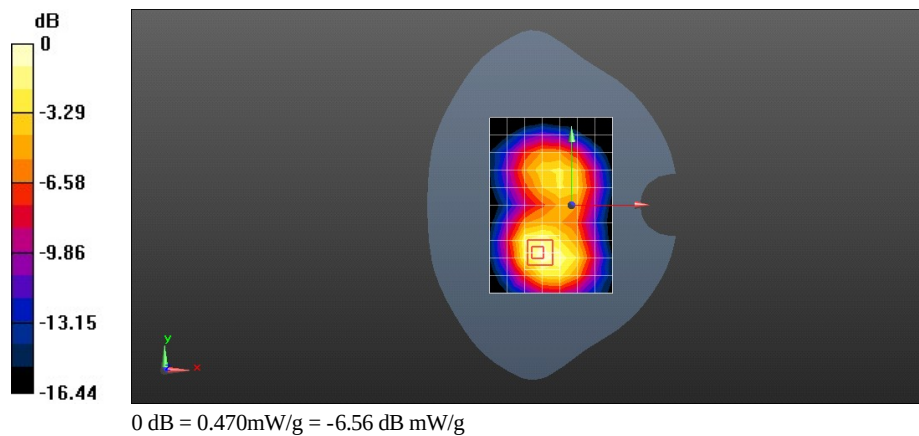
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.117 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.7710

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.474 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 GPRS 1TS 661CH Towards Ground 10mm

DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.774 mW/g

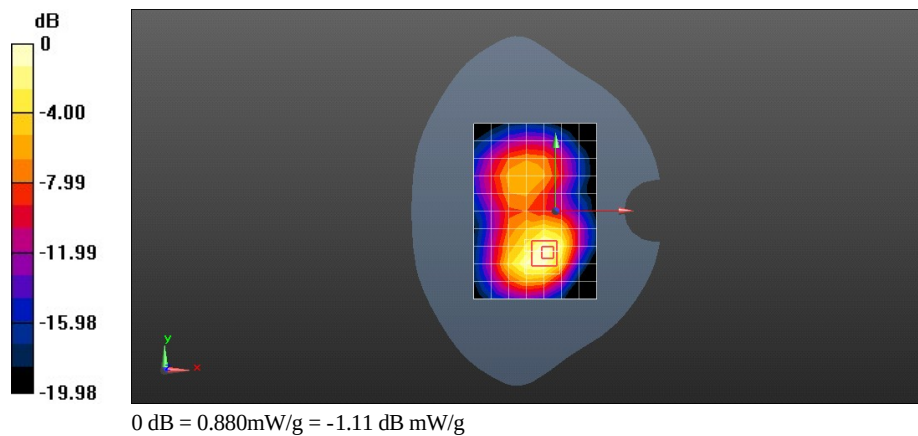
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.030 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.4520

SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.423 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 GPRS 1TS 661CH Left edge 10mm

DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.155 mW/g

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

Reference Value = 7.097 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.2980

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.191 mW/g

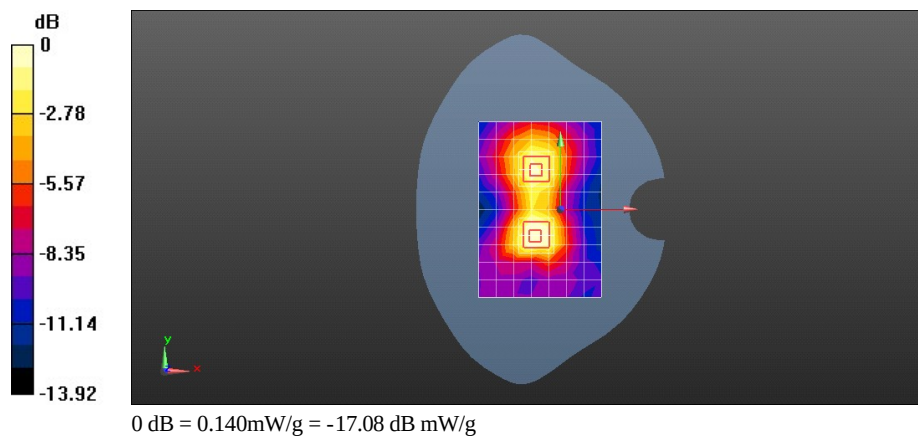
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.097 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.2200

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.141 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 GPRS 1TS 661CH Right edge 10mm

DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.187 mW/g

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

Reference Value = 8.040 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.3040

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.202 mW/g

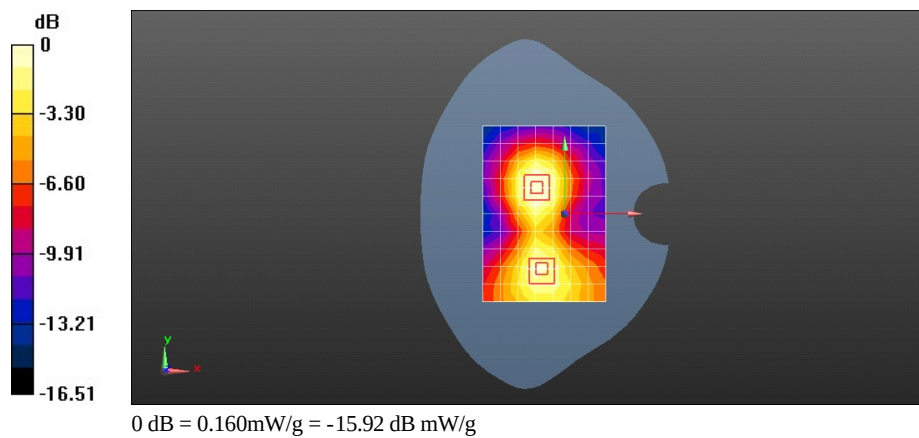
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.040 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.2370

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 GPRS 1TS 661CH Bottom edge 10mm

DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.610 mW/g

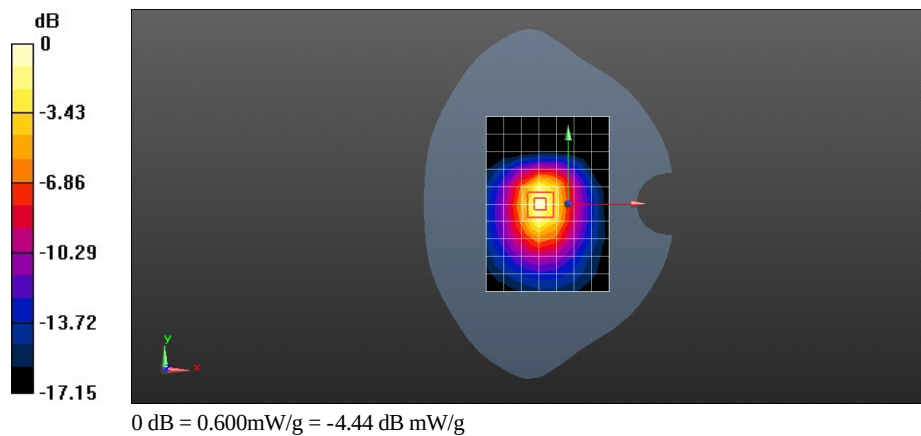
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.546 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.9110

SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.284 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 EGPRS 1TS 661CH Towards Ground 10mm**DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.782 mW/g

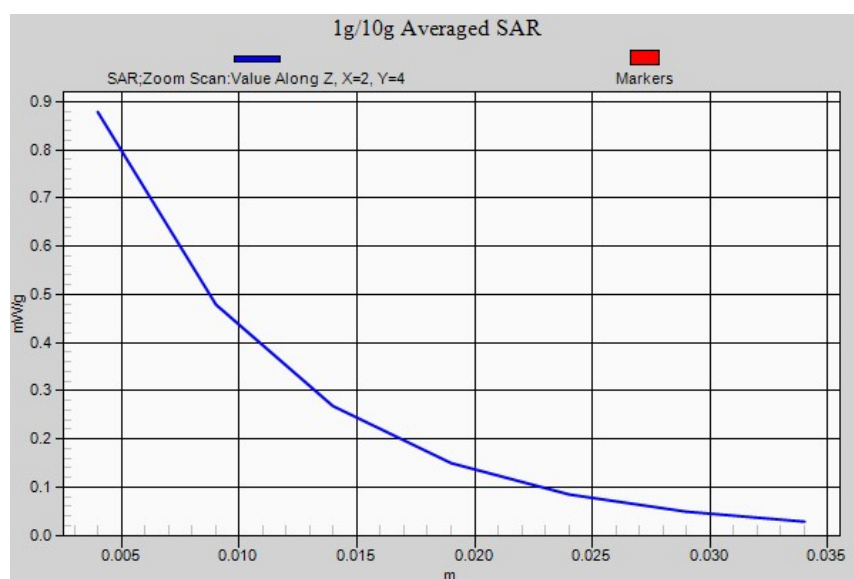
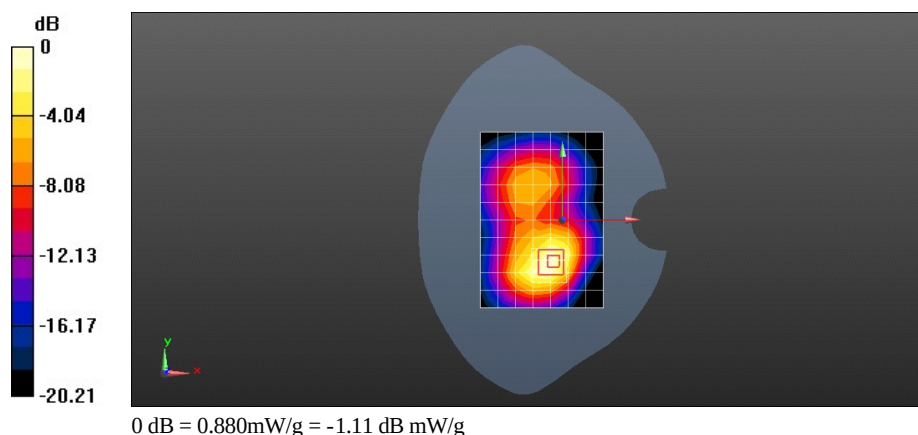
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.971 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.5120

SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.878 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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

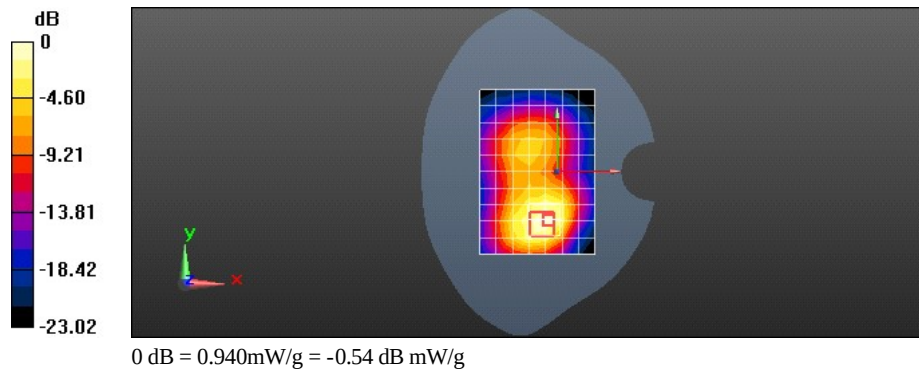
Maximum value of SAR (measured) = 0.942 mW/g

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

Reference Value = 11.120 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.9670

SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.422 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 661CH Towards Ground 10mm with Headset

DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.749 mW/g

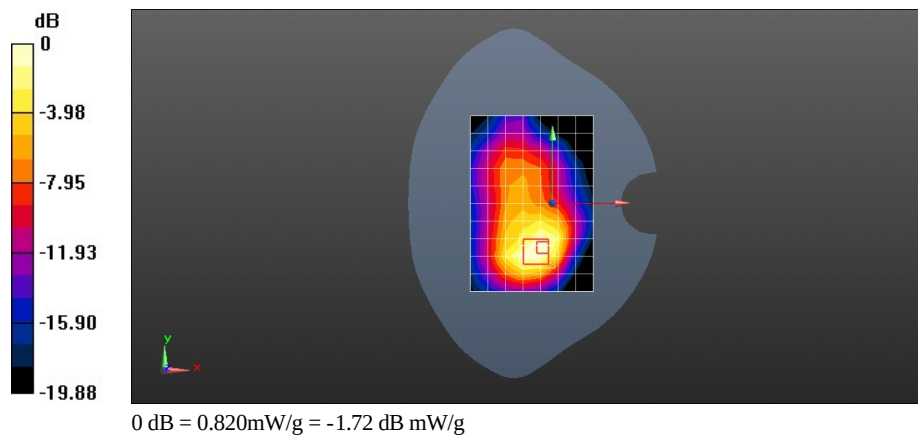
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.113 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.4060

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.824 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 GSM1900 EGPRS 1TS 661CH Towards Ground 10mm with GAGBA11XC4059938

DUT: U8185-7; 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; $\sigma = 1.507$ mho/m; $\epsilon_r = 52.42$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.26, 7.26, 7.26); 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) = 0.667 mW/g

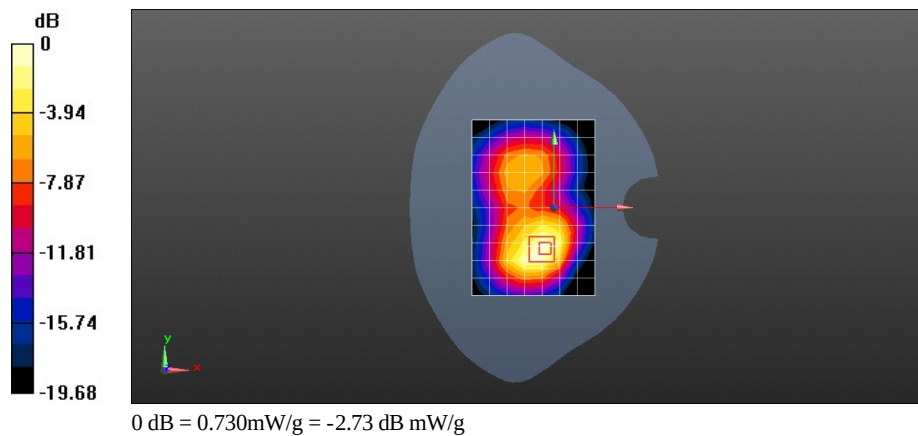
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.524 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.2520

SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.357 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Left hand touch cheek

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.34$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.795 mW/g

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

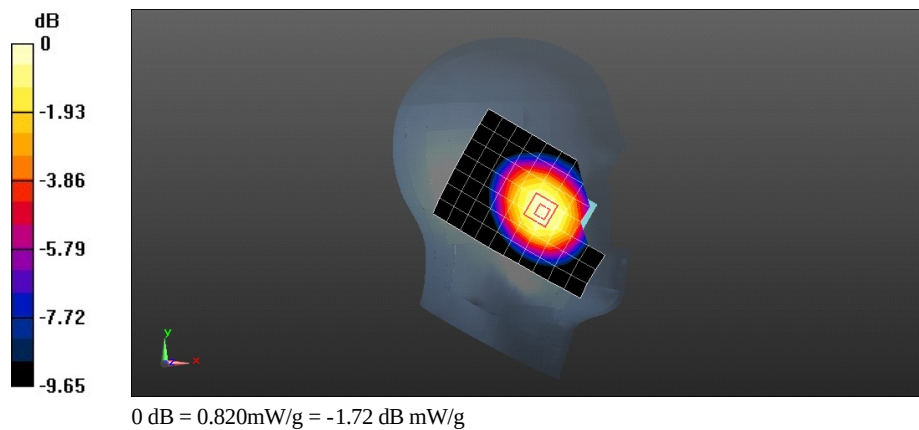
Reference Value = 8.171 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.9600

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.590 mW/g

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

Maximum value of SAR (measured) = 0.819 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Left hand tilt 15 degree

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.34$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.428 mW/g

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

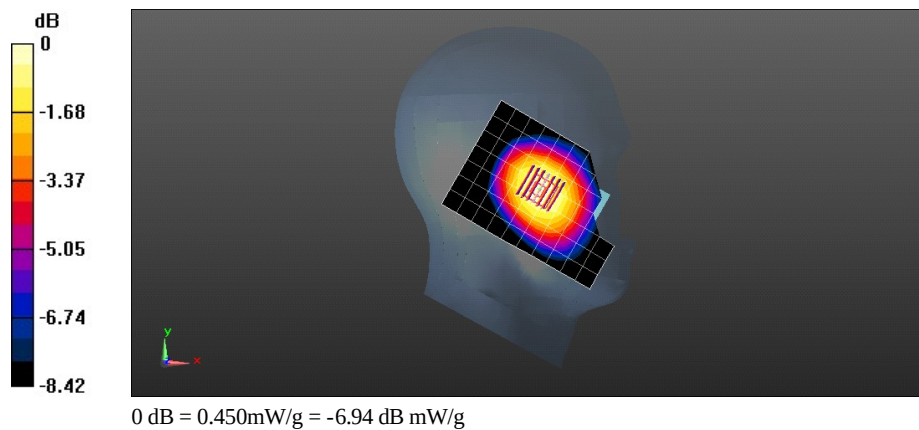
Reference Value = 12.204 V/m; Power Drift = 0.0087 dB

Peak SAR (extrapolated) = 0.5360

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.325 mW/g

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

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



Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Right hand touch cheek

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.34$; $\rho = 1000$ 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

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

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

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

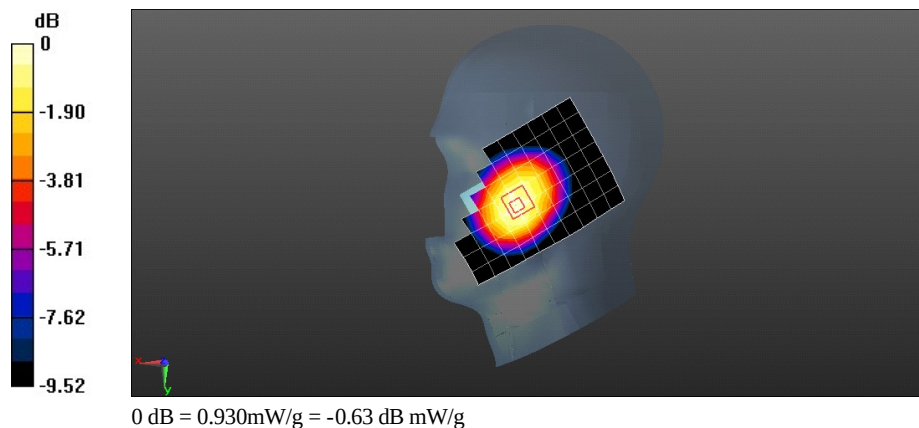
Reference Value = 10.167 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.0920

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.675 mW/g

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

Maximum value of SAR (measured) = 0.933 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4182CH Right hand tilt 15 degree

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 42.34$; $\rho = 1000$ 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

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

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

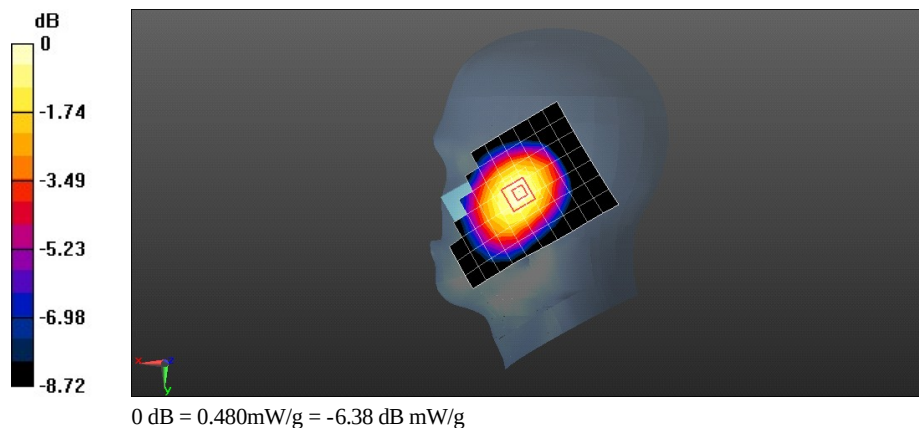
Reference Value = 13.567 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.5710

SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.343 mW/g

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

Maximum value of SAR (measured) = 0.479 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4233CH Right hand touch cheek

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42.262$; $\rho = 1000$ 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) = 0.977 mW/g

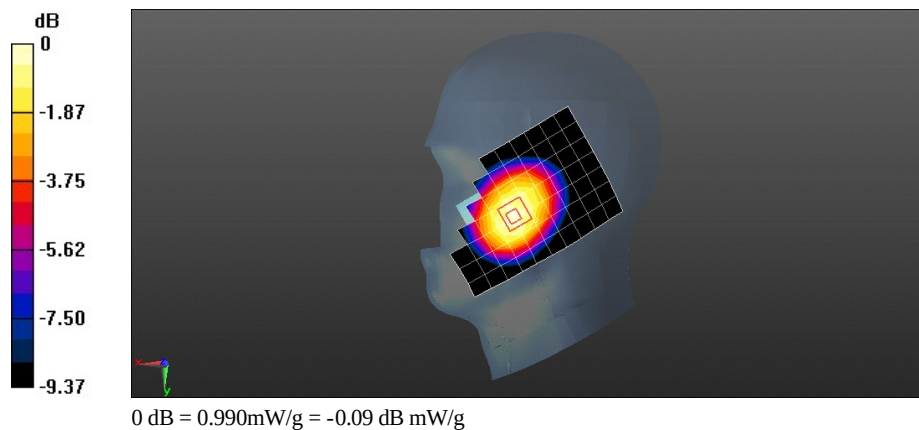
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.374 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.1420

SAR(1 g) = 0.935 mW/g; SAR(10 g) = 0.709 mW/g

Maximum value of SAR (measured) = 0.985 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4132CH Right hand touch cheek

DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.905$ mho/m; $\epsilon_r = 42.551$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.798 mW/g

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

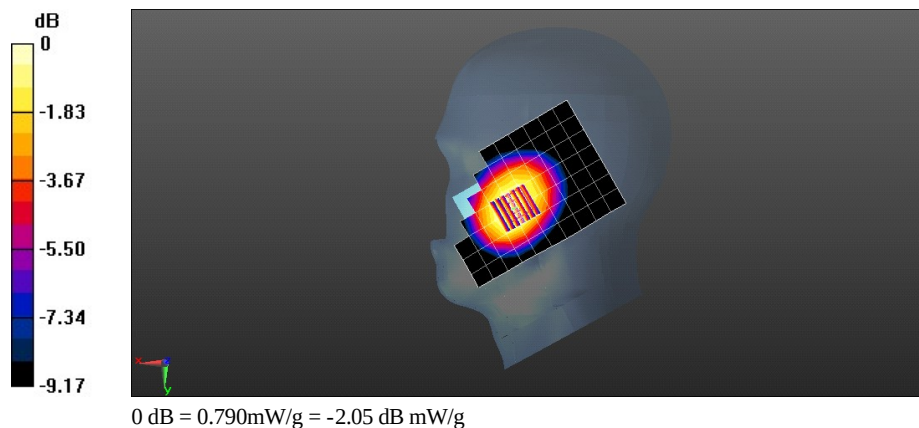
Reference Value = 9.538 V/m; Power Drift = -0.0096 dB

Peak SAR (extrapolated) = 0.9160

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.577 mW/g

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

Maximum value of SAR (measured) = 0.793 mW/g



Test Laboratory: HUAWEI SAR Lab

U8185-7 WCDMA850 4233CH Right hand touch cheek with GAGBA11XC4059938**DUT: U8185-7; Type: HUAWEI Ascend Y 100;HSDPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth;; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz

Medium parameters used: $f = 847$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42.262$; $\rho = 1000$ 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) = 1.031 mW/g

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

Reference Value = 10.257 V/m; Power Drift = -0.0037 dB

Peak SAR (extrapolated) = 1.2180

SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.737 mW/g

Maximum value of SAR (measured) = 1.029 mW/g

