



Appendix B. SAR Measurement Plots

Table of contents
GSM850 MHz Head
GSM850 MHz Body
GSM1900 MHz Head
GSM1900 MHz Body
WCDMA850 MHz Head
WCDMA850 MHz Body
WCDMA1900 MHz Head
WCDMA1900 MHz Body

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 128CH Left hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 41.545$; $\rho = 1000$ 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) = 0.958 mW/g

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

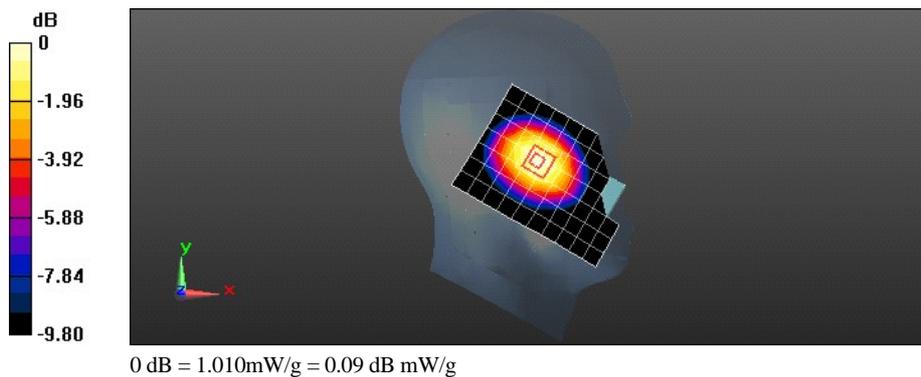
Reference Value = 24.992 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.2720

SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.679 mW/g

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

Maximum value of SAR (measured) = 1.009 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Left hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

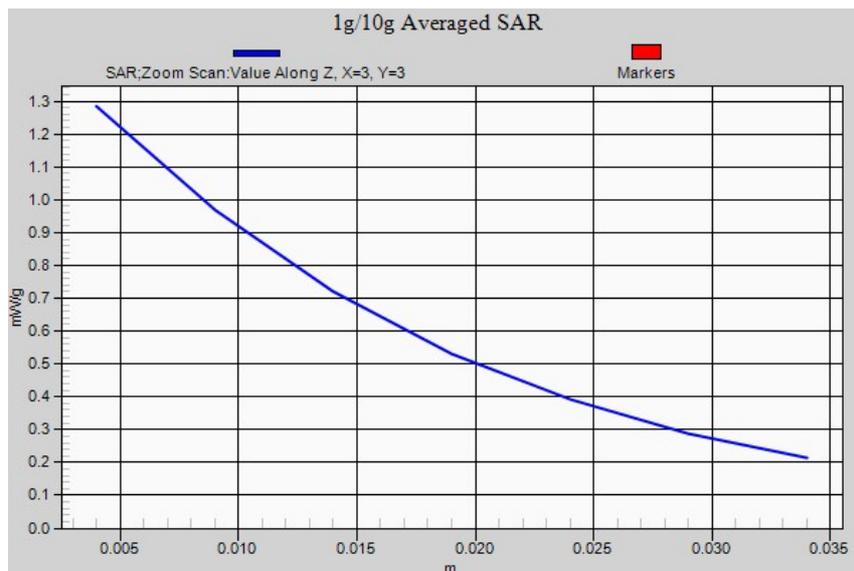
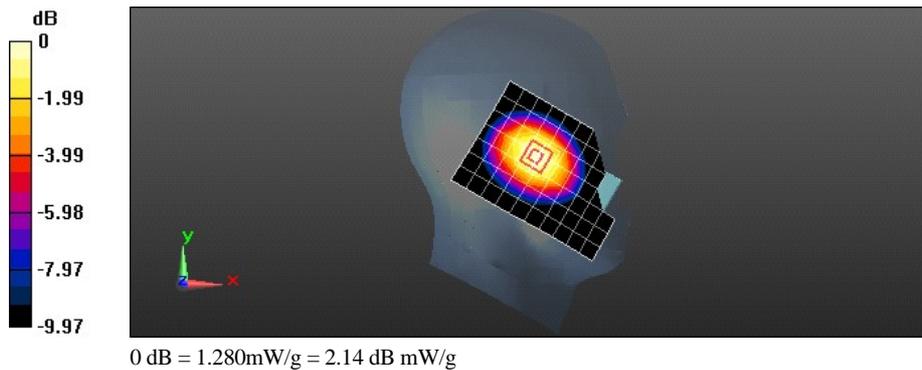
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.328$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

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) = 1.223 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 27.543 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.6010
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.851 mW/g
 Maximum value of SAR (measured) = 1.284 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 251CH Left hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.14$; $\rho = 1000$ 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) = 1.078 mW/g

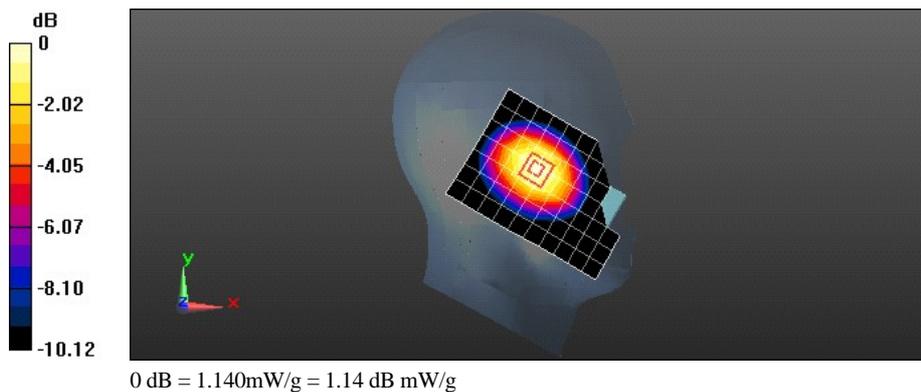
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.275 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.4100

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.753 mW/g

Maximum value of SAR (measured) = 1.138 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Left hand tilt 15 degree

DUT: U2801-5; Type: 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; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.328$; $\rho = 1000$ 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) = 0.775 mW/g

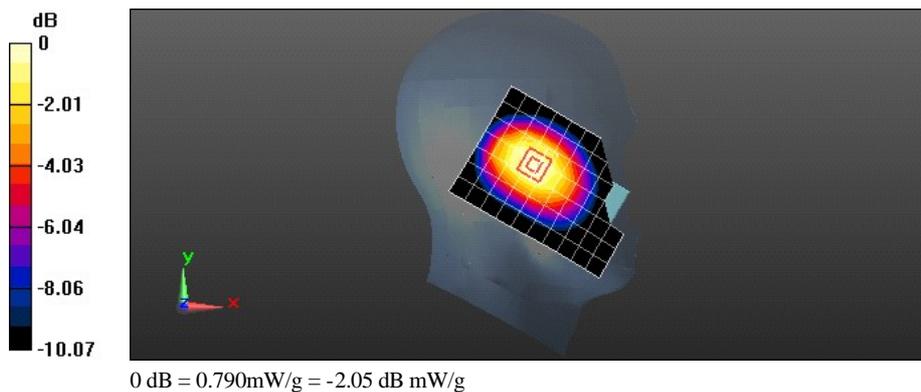
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.641 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.0190

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.531 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 128CH Right hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 41.545$; $\rho = 1000$ 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) = 0.909 mW/g

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

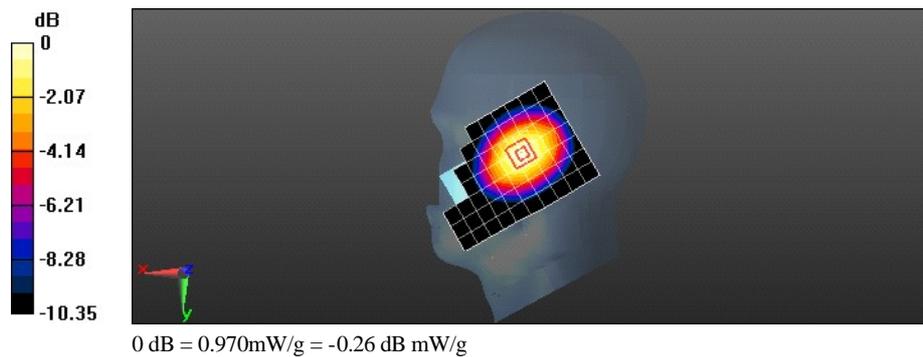
Reference Value = 25.361 V/m; Power Drift = -0.00011 dB

Peak SAR (extrapolated) = 1.2130

SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.641 mW/g

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

Maximum value of SAR (measured) = 0.969 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Right hand touch cheek

DUT: U2801-5; Type: 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; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.328$; $\rho = 1000$ 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) = 1.127 mW/g

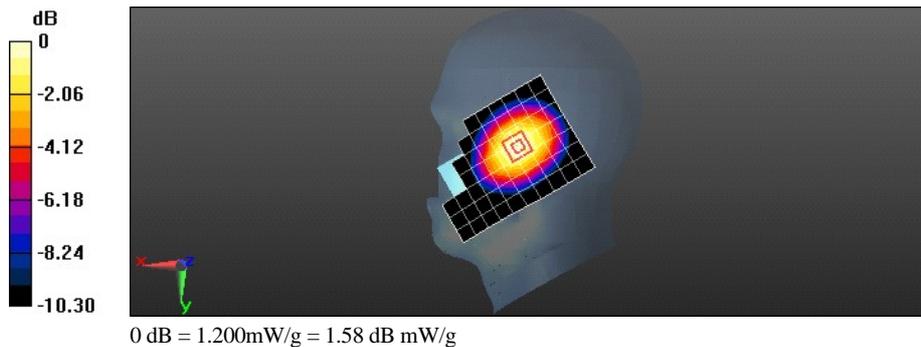
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 27.790 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.5110

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.795 mW/g

Maximum value of SAR (measured) = 1.204 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 251CH Right hand touch cheek

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.14$; $\rho = 1000$ 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) = 0.975 mW/g

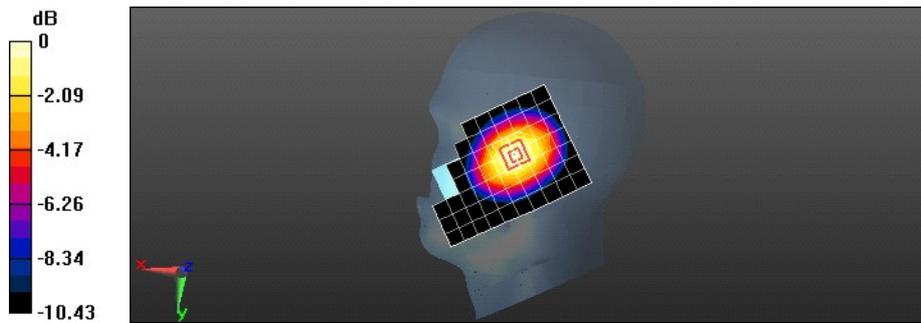
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.395 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.3210

SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.695 mW/g

Maximum value of SAR (measured) = 1.052 mW/g



0 dB = 1.050mW/g = 0.42 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Right hand tilt 15 degree

DUT: U2801-5; Type: 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; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.328$; $\rho = 1000$ 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) = 0.758 mW/g

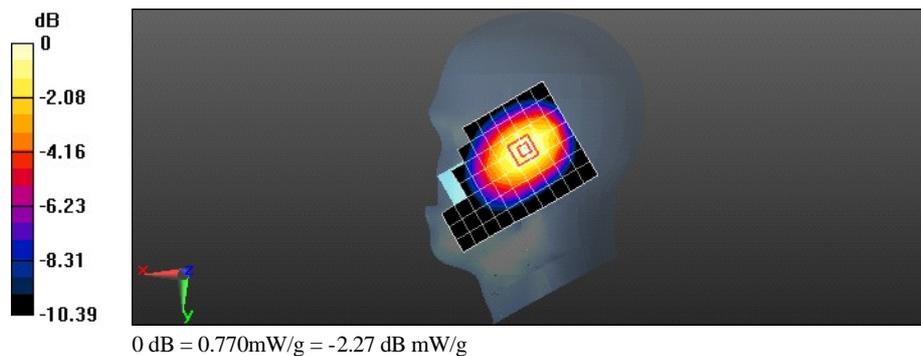
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.373 V/m; Power Drift = 0.0098 dB

Peak SAR (extrapolated) = 0.9890

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 0.774 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 190CH Left hand touch cheek with GAGB508XC18C1974

DUT: U2801-5; Type: 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; $\sigma = 0.912$ mho/m; $\epsilon_r = 41.328$; $\rho = 1000$ 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) = 1.215 mW/g

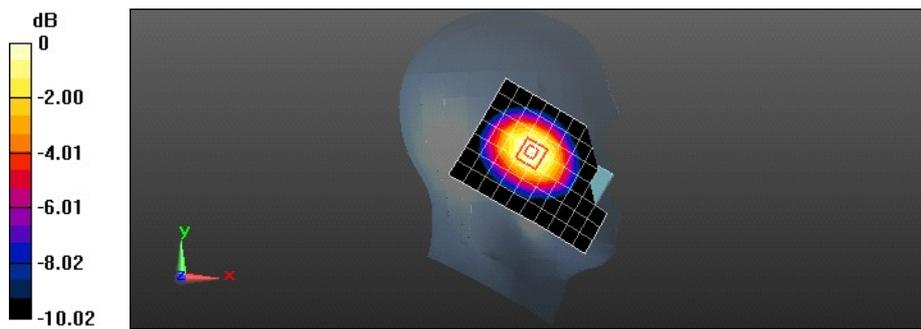
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 27.393 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.5730

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.842 mW/g

Maximum value of SAR (measured) = 1.268 mW/g



0 dB = 1.270mW/g = 2.08 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 1TS 190CH Towards Phantom 15mm

DUT: U2801-5; Type: 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; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.725$; $\rho = 1000$ 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) = 0.596 mW/g

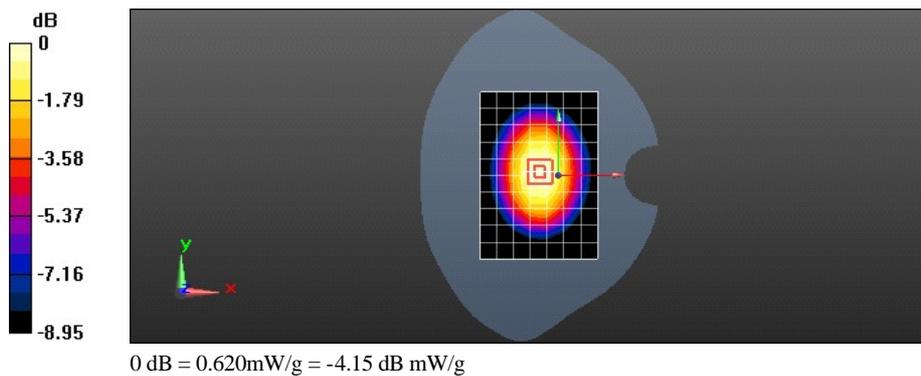
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.279 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.7730

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.428 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 128CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.892$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.723 mW/g

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

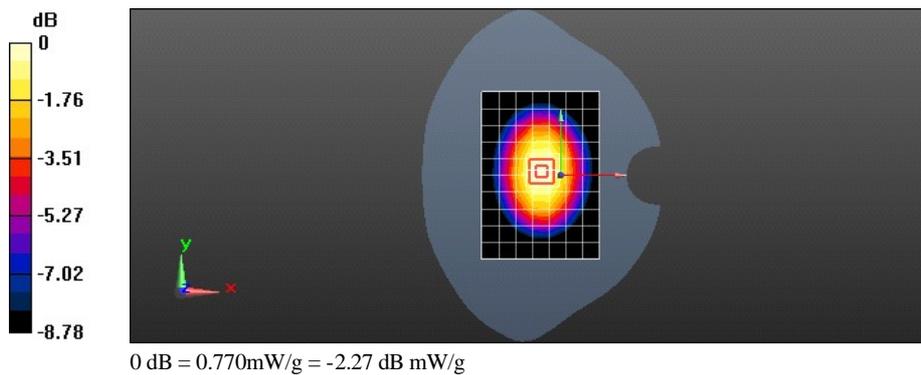
Reference Value = 28.007 V/m; Power Drift = -0.0087 dB

Peak SAR (extrapolated) = 0.9700

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.528 mW/g

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

Maximum value of SAR (measured) = 0.769 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 190CH Towards Phantom 15mm

DUT: U2801-5; Type: 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; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.725$; $\rho = 1000$ 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) = 0.825 mW/g

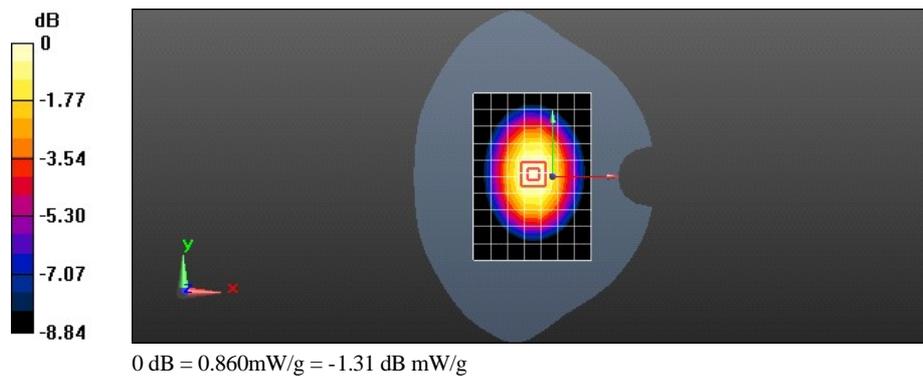
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.371 V/m; Power Drift = -0.0032 dB

Peak SAR (extrapolated) = 1.0960

SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.585 mW/g

Maximum value of SAR (measured) = 0.857 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 251CH Towards Phantom 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 1.004$ mho/m; $\epsilon_r = 53.639$; $\rho = 1000$ 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) = 0.731 mW/g

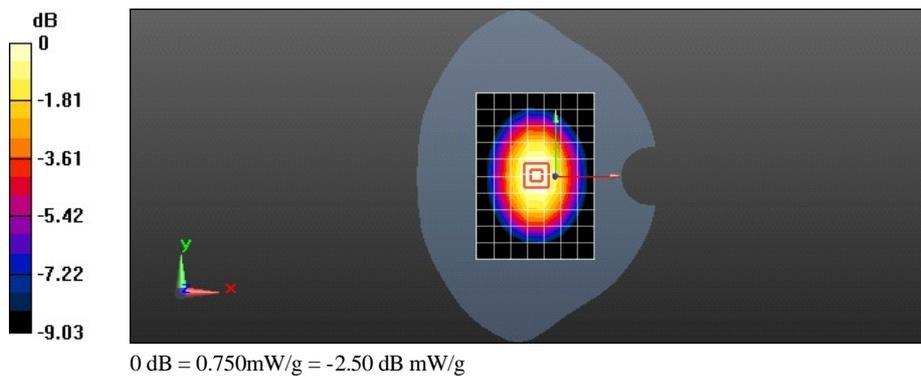
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 27.800 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.9270

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.515 mW/g

Maximum value of SAR (measured) = 0.753 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 128CH Towards Ground 15mm**DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.892$; $\rho = 1000$ 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[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.176 mW/g

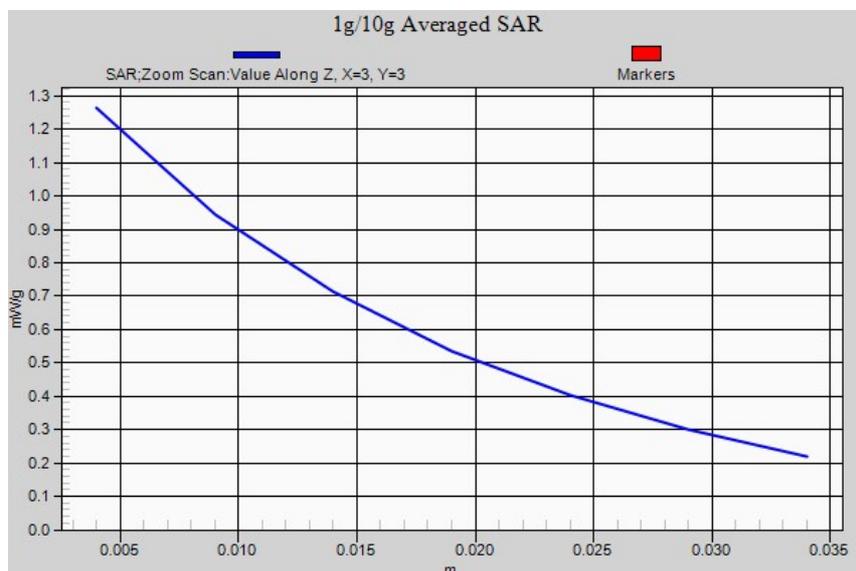
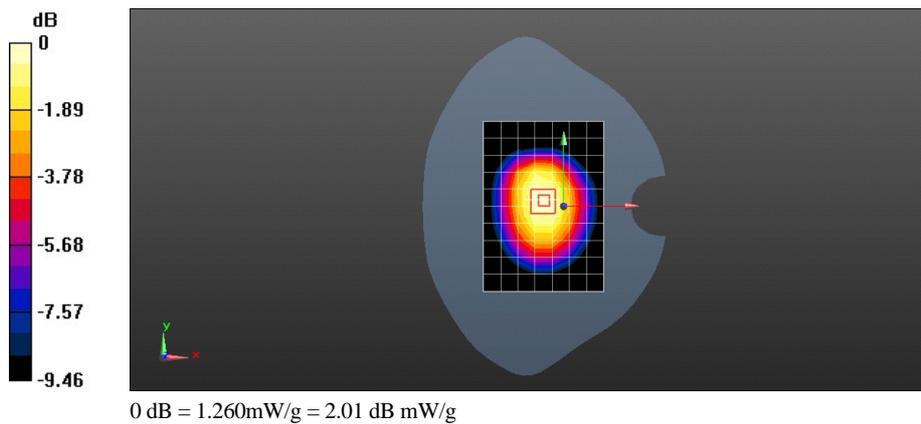
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 35.848 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.6020

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.859 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.264 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 190CH Towards Ground 15mm

DUT: U2801-5; Type: 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; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.725$; $\rho = 1000$ 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) = 1.114 mW/g

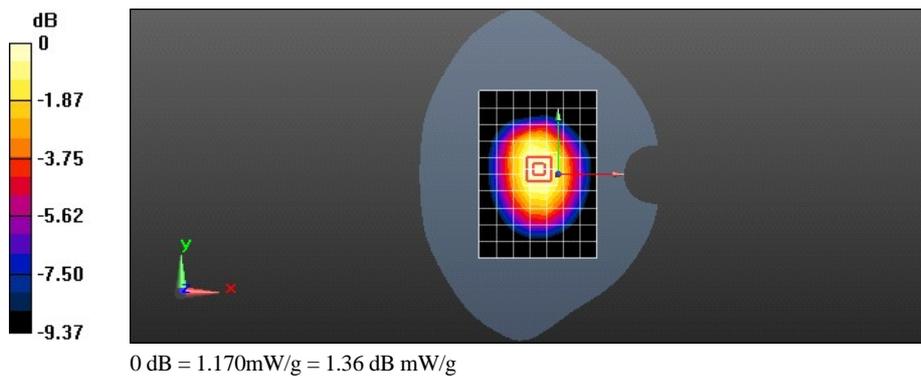
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.179 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4650

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.793 mW/g

Maximum value of SAR (measured) = 1.168 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 251CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 1.004$ mho/m; $\epsilon_r = 53.639$; $\rho = 1000$ 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) = 1.024 mW/g

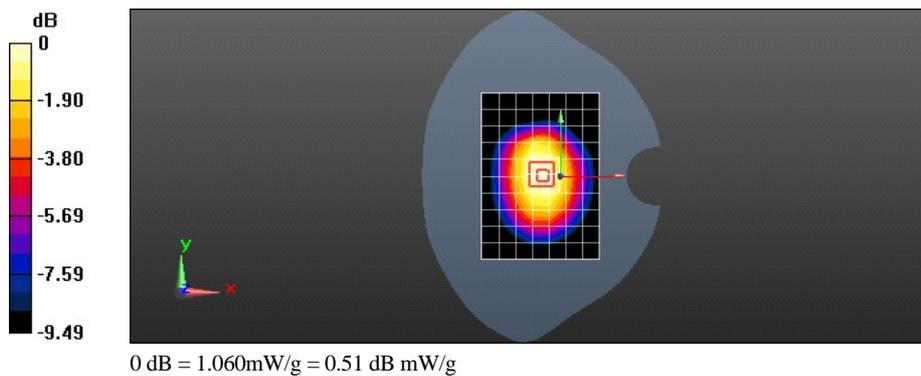
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.905 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.3610

SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.715 mW/g

Maximum value of SAR (measured) = 1.062 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 1TS 128CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.892$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.909 mW/g

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

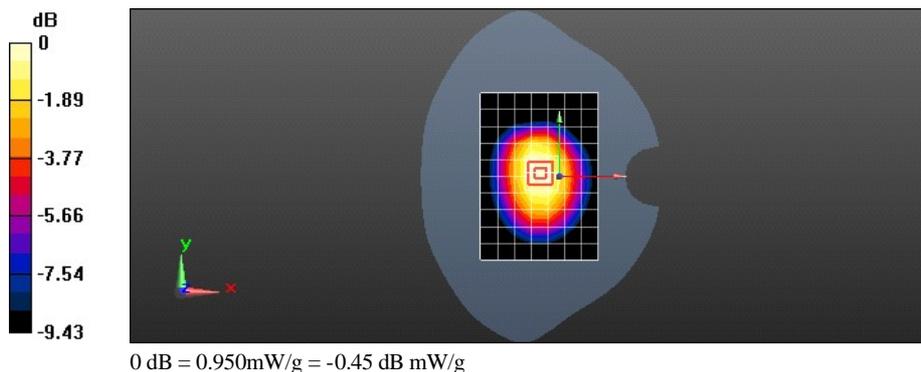
Reference Value = 31.246 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.2380

SAR(1 g) = 0.904 mW/g; SAR(10 g) = 0.646 mW/g

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

Maximum value of SAR (measured) = 0.954 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 1TS 190CH Towards Ground 15mm

DUT: U2801-5; Type: 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; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.725$; $\rho = 1000$ 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) = 0.816 mW/g

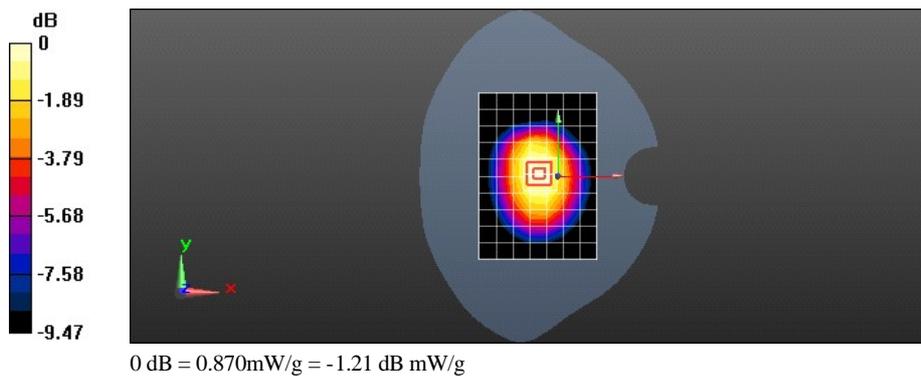
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.428 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.1280

SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 0.872 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 1TS 251CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 1.004$ mho/m; $\epsilon_r = 53.639$; $\rho = 1000$ 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) = 0.753 mW/g

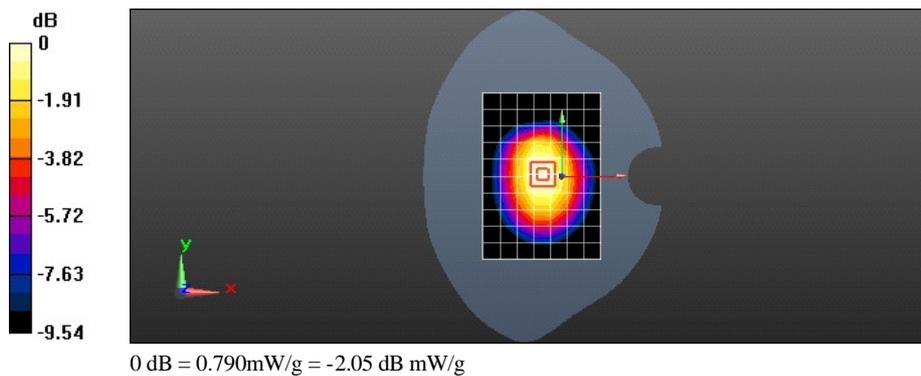
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.086 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.9980

SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 0.787 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 2TS 128CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.892$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 1.199 mW/g

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

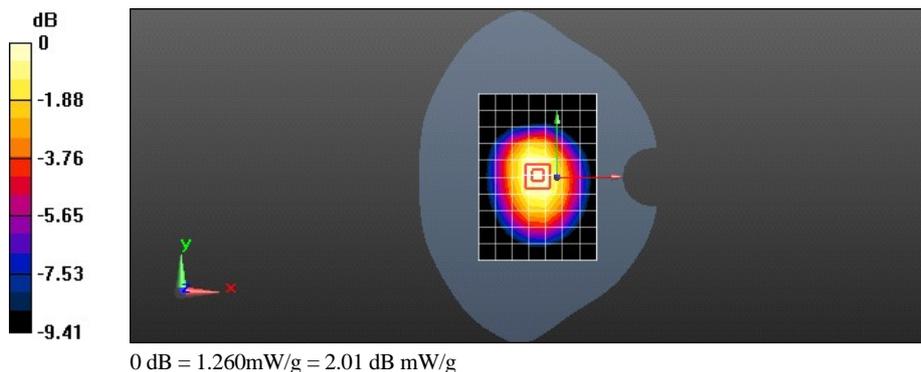
Reference Value = 35.989 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.5820

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.855 mW/g

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

Maximum value of SAR (measured) = 1.257 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 2TS 190CH Towards Ground 15mm

DUT: U2801-5; Type: 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; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.725$; $\rho = 1000$ 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) = 1.109 mW/g

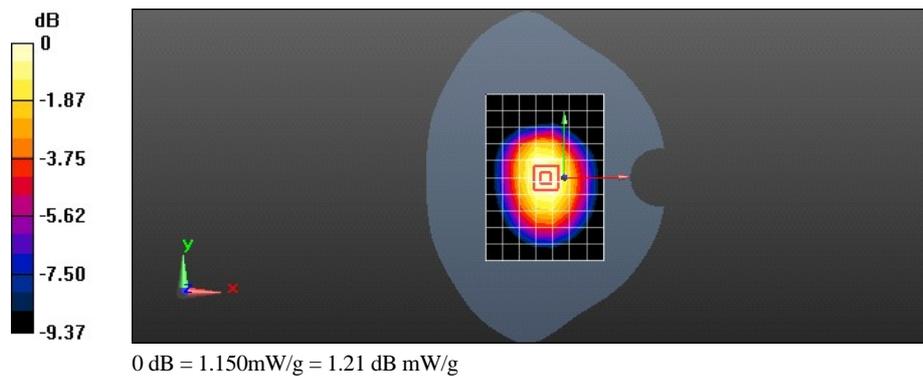
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.304 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.4530

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.783 mW/g

Maximum value of SAR (measured) = 1.151 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 EDGE 2TS 251CH Towards Ground 15mm

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used: $f = 849$ MHz; $\sigma = 1.004$ mho/m; $\epsilon_r = 53.639$; $\rho = 1000$ 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) = 1.000 mW/g

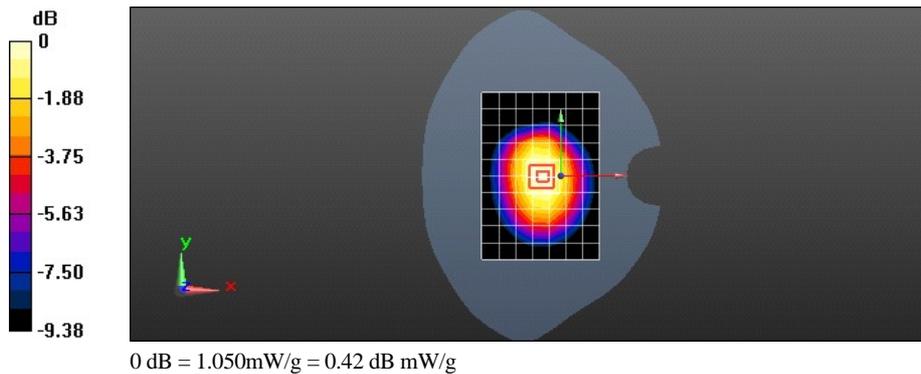
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.249 V/m; Power Drift = 0.0049 dB

Peak SAR (extrapolated) = 1.3250

SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.711 mW/g

Maximum value of SAR (measured) = 1.047 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 128CH Towards Ground 15mm with Handset

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.892$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 0.679 mW/g

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

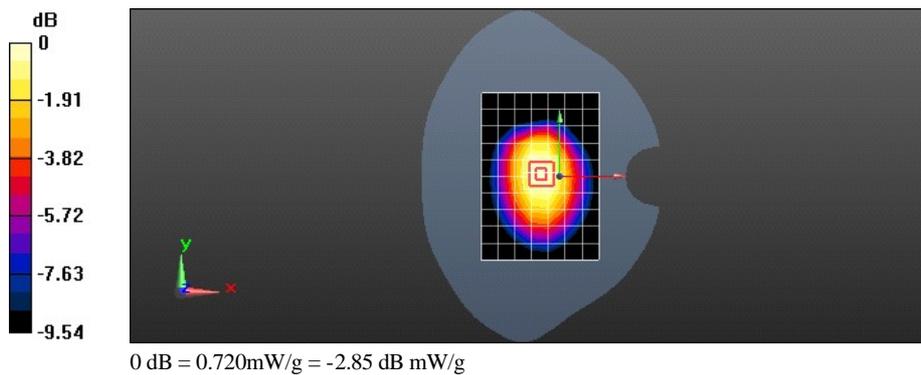
Reference Value = 27.152 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.9110

SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.484 mW/g

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

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



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM850 GPRS 2TS 128CH Towards Ground 15mm with GAGB508XC18C1974

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.892$; $\rho = 1000$ 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

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

Maximum value of SAR (measured) = 1.236 mW/g

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

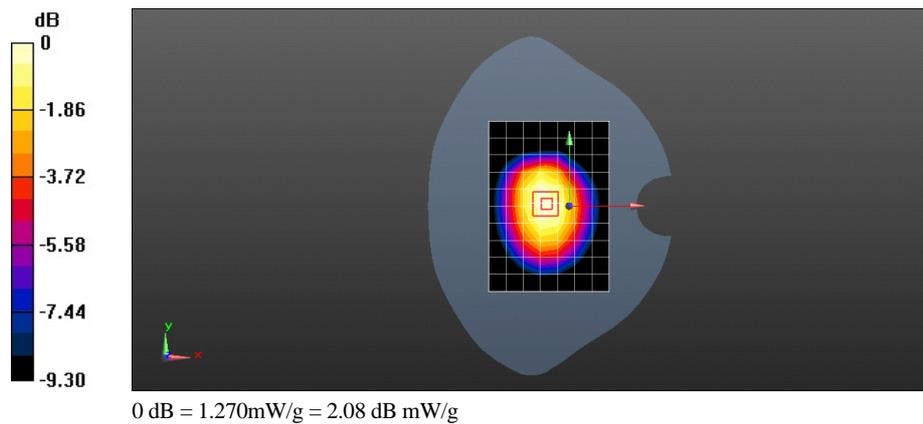
Reference Value = 36.484 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.6110

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.858 mW/g

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

Maximum value of SAR (measured) = 1.265 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Left hand touch check

DUT: U2801-5; Type: 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; $\epsilon_r = 38.536$; $\rho = 1000$ 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) = 0.379 mW/g

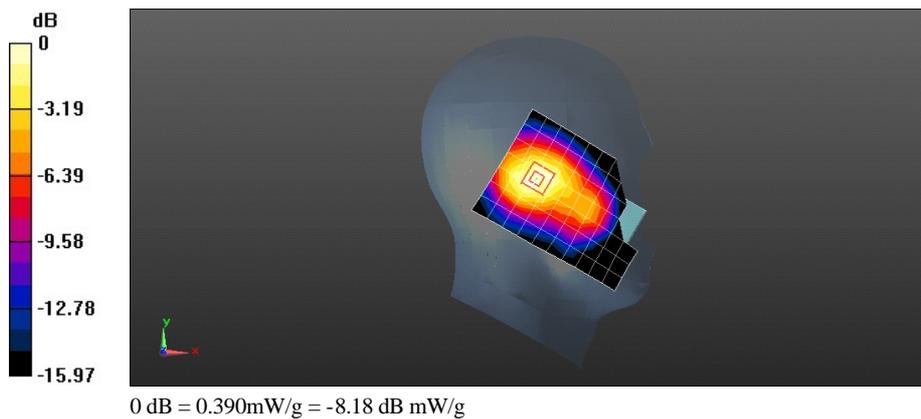
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.568 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.5970

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.392 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Left hand tilt 15 degree

DUT: U2801-5; Type: 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; $\epsilon_r = 38.536$; $\rho = 1000$ 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) = 0.350 mW/g

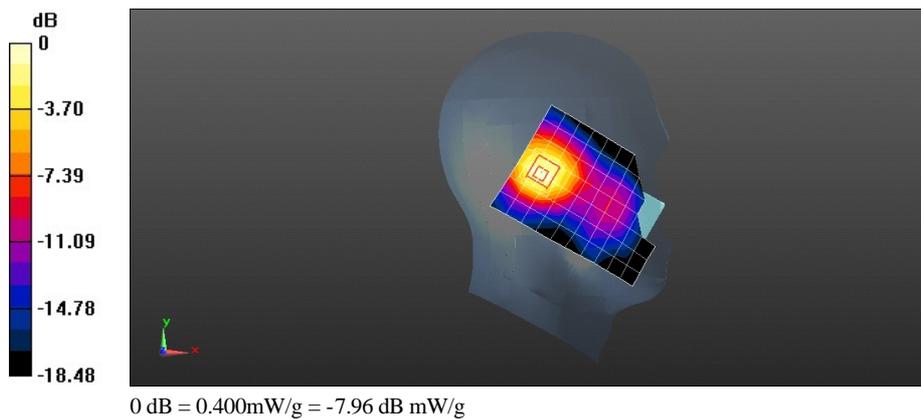
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.985 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.6530

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.401 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Right hand touch cheek

DUT: U2801-5; Type: 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; $\epsilon_r = 38.536$; $\rho = 1000$ 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

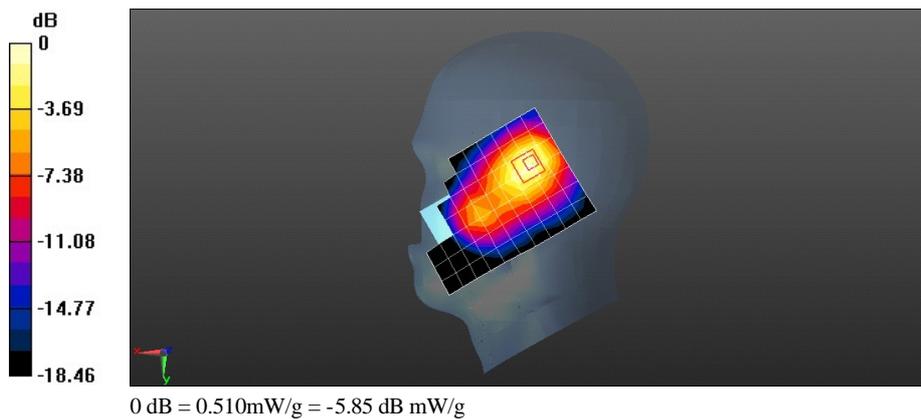
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.235 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.8810

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.247 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Right hand tilt 15 degree

DUT: U2801-5; Type: UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

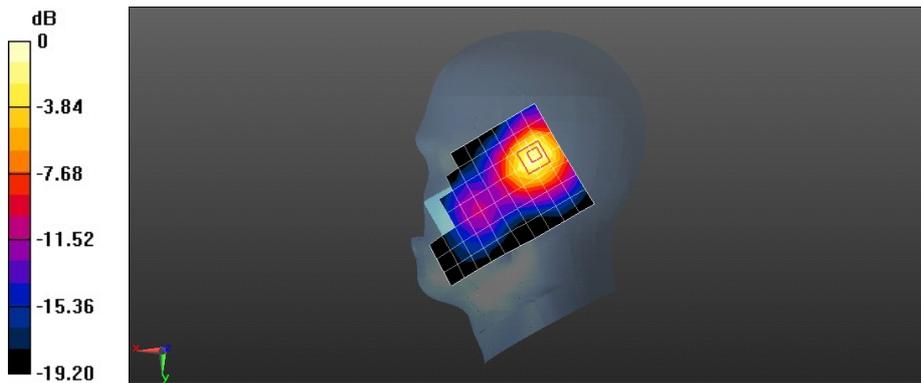
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ mho/m; $\epsilon_r = 38.536$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY Configuration:

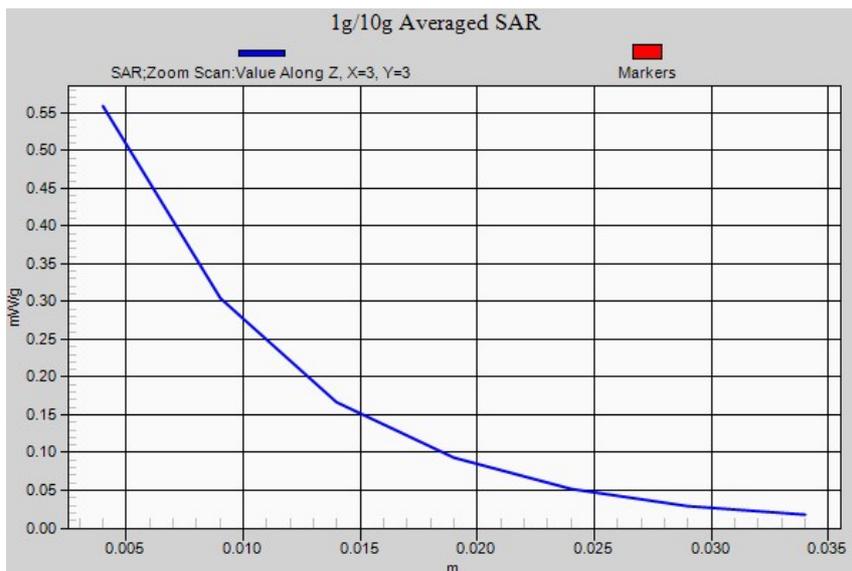
- Probe: EX3DV4 - SN3736; ConvF(7.69, 7.69, 7.69); Calibrated: 11/23/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Head/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.473 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 16.139 V/m; Power Drift = 0.0076 dB
 Peak SAR (extrapolated) = 0.9610
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.253 mW/g
 Maximum value of SAR (measured) = 0.558 mW/g



0 dB = 0.560mW/g = -5.04 dB mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 661CH Right hand tilt 15 degree with GAGB508XC18C1974

DUT: U2801-5; Type: 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; $\epsilon_r = 38.536$; $\rho = 1000$ 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) = 0.482 mW/g

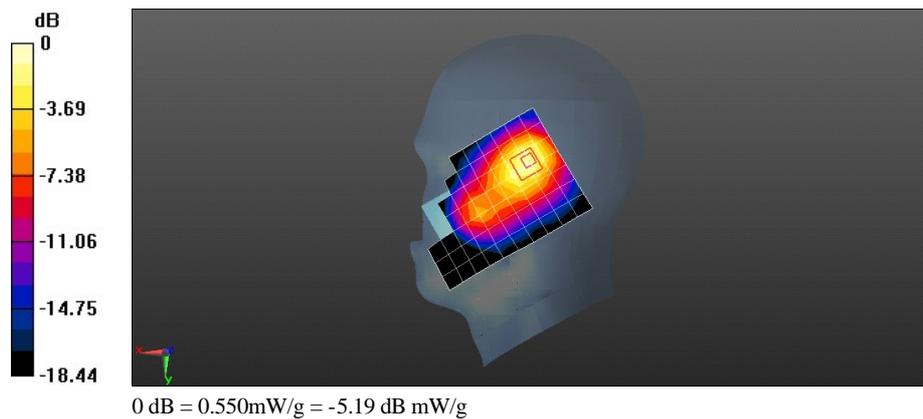
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.129 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.9390

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.553 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 GPRS 1TS 661CH Towards Phantom 15mm

DUT: U2801-5; Type: 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; $\epsilon_r = 52.545$; $\rho = 1000$ 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: SAM4; Type: SAM; Serial: TP-1620
- 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) = 0.151 mW/g

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

Reference Value = 3.582 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.2260

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.153 mW/g

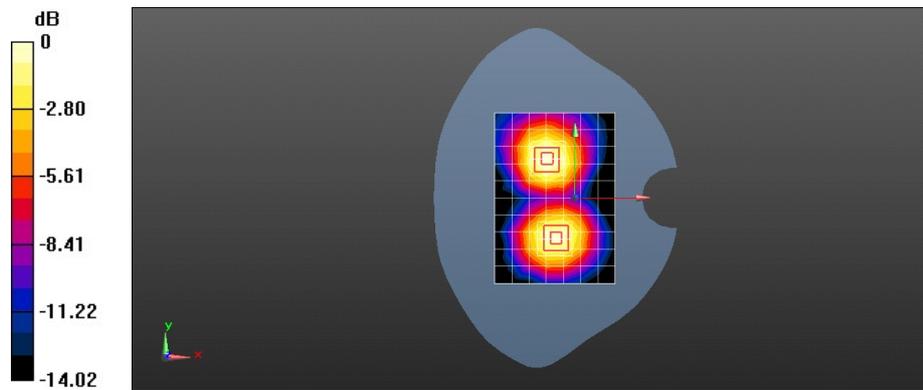
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.582 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.1940

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.138 mW/g



0 dB = 0.140mW/g = -17.08 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 GPRS 2TS 661CH Towards Phantom 15mm

DUT: U2801-5; Type: 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; $\epsilon_r = 52.545$; $\rho = 1000$ 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: SAM4; Type: SAM; Serial: TP-1620
- 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) = 0.210 mW/g

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

Reference Value = 4.280 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.3090

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.119 mW/g

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

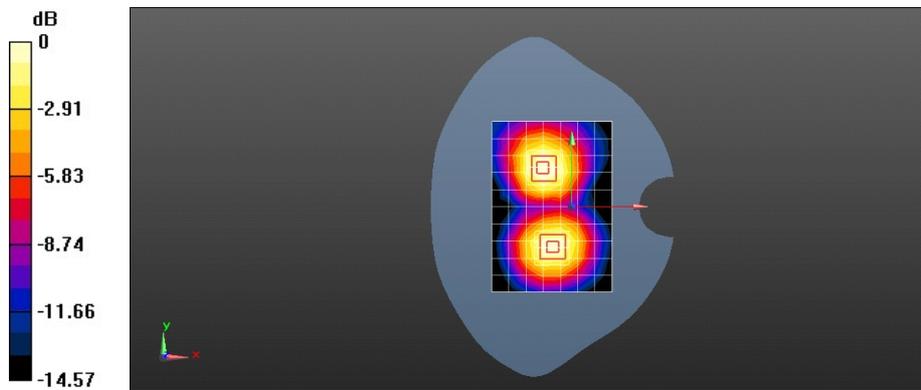
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.280 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.2710

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.111 mW/g

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



0 dB = 0.190mW/g = -14.42 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 GPRS 2TS 661CH Towards Ground 15mm**DUT: U2801-5; Type: 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; $\epsilon_r = 52.545$; $\rho = 1000$ 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: SAM4; Type: SAM; Serial: TP-1620
- 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) = 0.482 mW/g

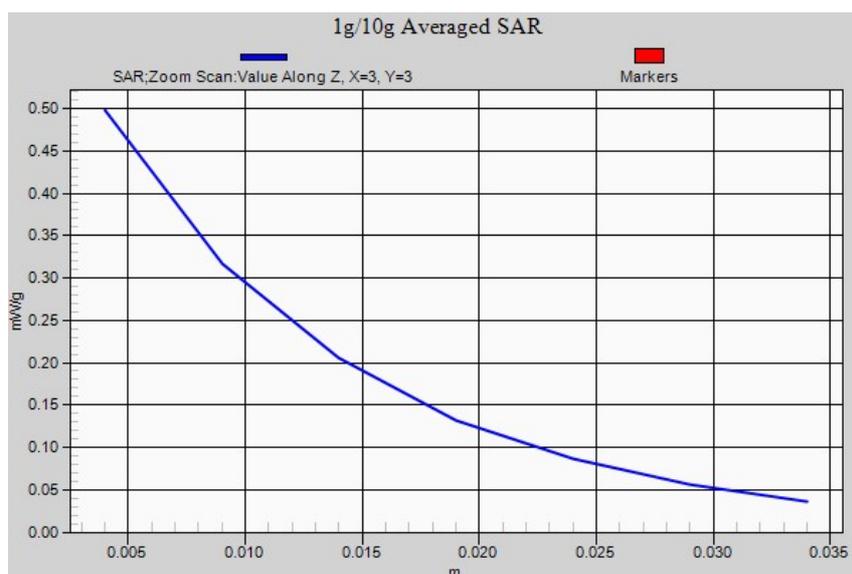
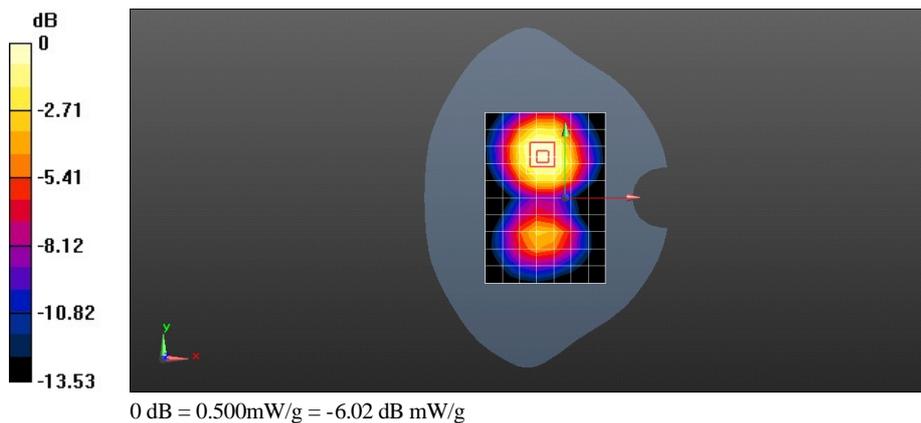
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.209 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.7310

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.498 mW/g



Test Laboratory: HUAWEI SAR Lab

U2801-5 GSM1900 EGPRS 1TS 661CH Towards Ground 15mm

DUT: U2801-5; Type: 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; $\epsilon_r = 52.545$; $\rho = 1000$ 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: SAM4; Type: SAM; Serial: TP-1620
- 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) = 0.349 mW/g

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

Reference Value = 6.086 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.5390

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.362 mW/g

