



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 128CH Left hand touch check

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.878$ mho/m; $\epsilon_r = 42.494$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.759 mW/g

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

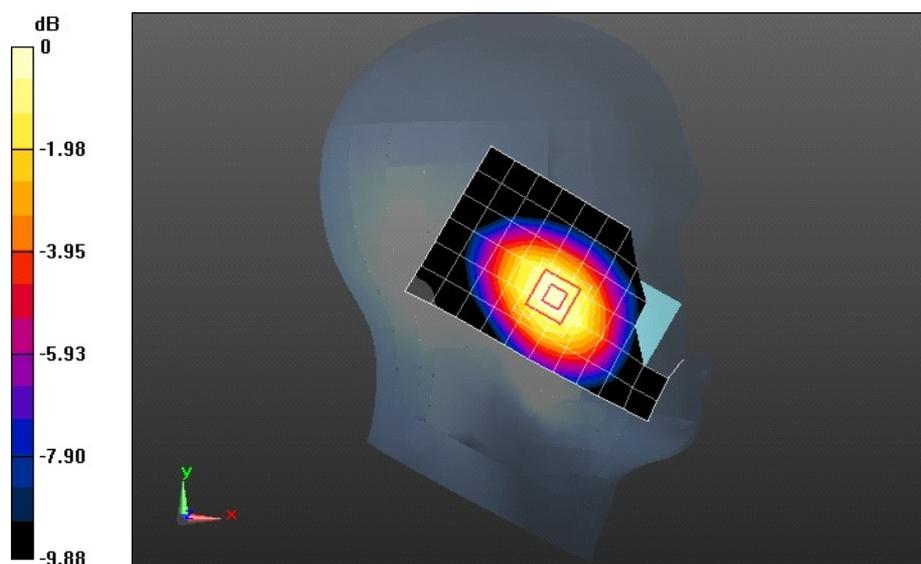
Reference Value = 13.519 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.9840

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.534 mW/g

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

Maximum value of SAR (measured) = 0.792 mW/g



0 dB = 0.790mW/g = -2.05 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 190CH Left hand touch check

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth;Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 42.368$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.918 mW/g

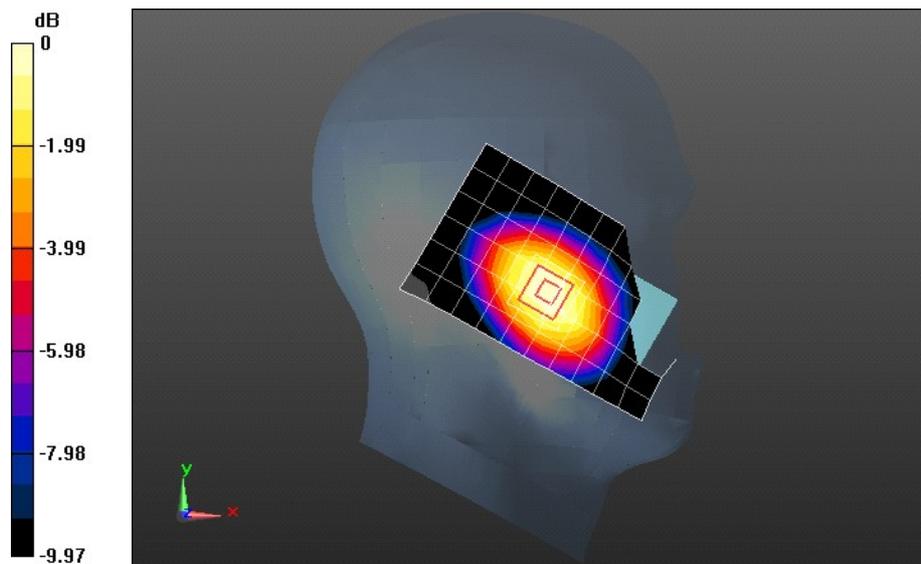
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.345 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.1570

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 0.937 mW/g



0 dB = 0.940mW/g = -0.54 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 251CH Left hand touch cheek**DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2**

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.273$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

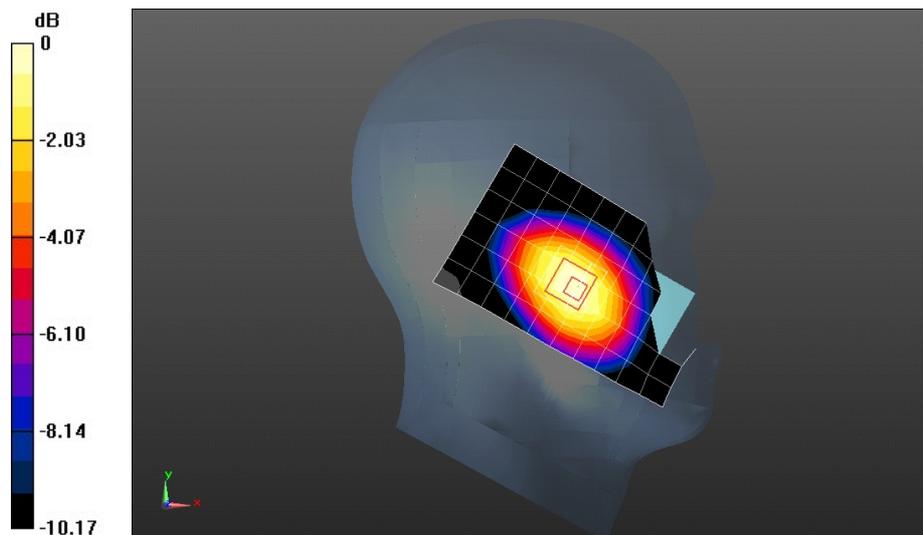
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.825 V/m; Power Drift = -0.17 dB

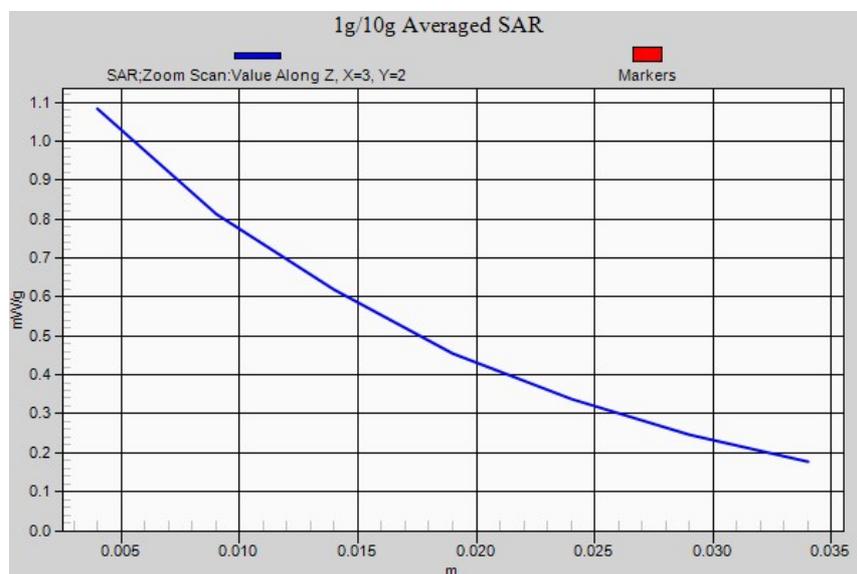
Peak SAR (extrapolated) = 1.3380

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.725 mW/g

Maximum value of SAR (measured) = 1.082 mW/g



0 dB = 1.080mW/g = 0.67 dB mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 190CH Left hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 42.368$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

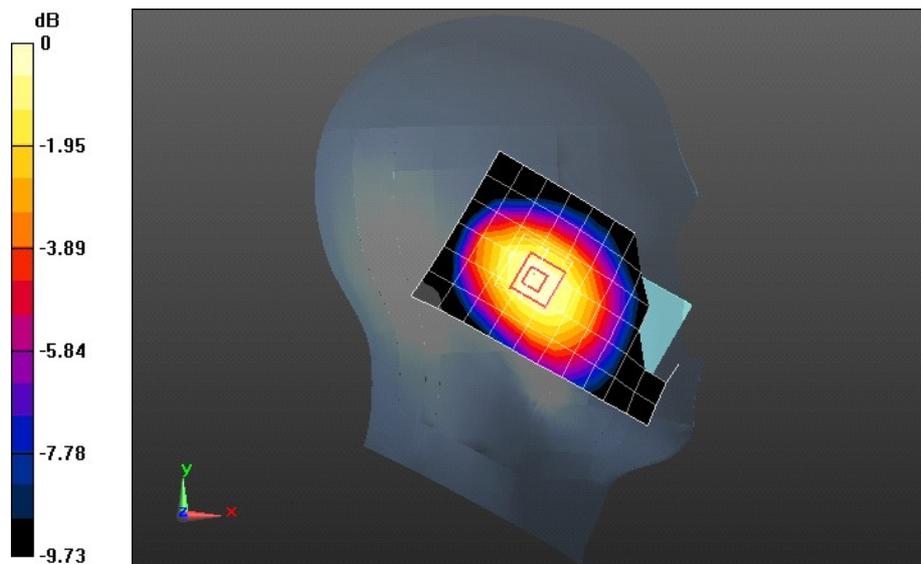
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.516 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.7520

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.396 mW/g

Maximum value of SAR (measured) = 0.586 mW/g



0 dB = 0.590mW/g = -4.58 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 128CH Right hand touch cheek

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.878$ mho/m; $\epsilon_r = 42.494$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.697 mW/g

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

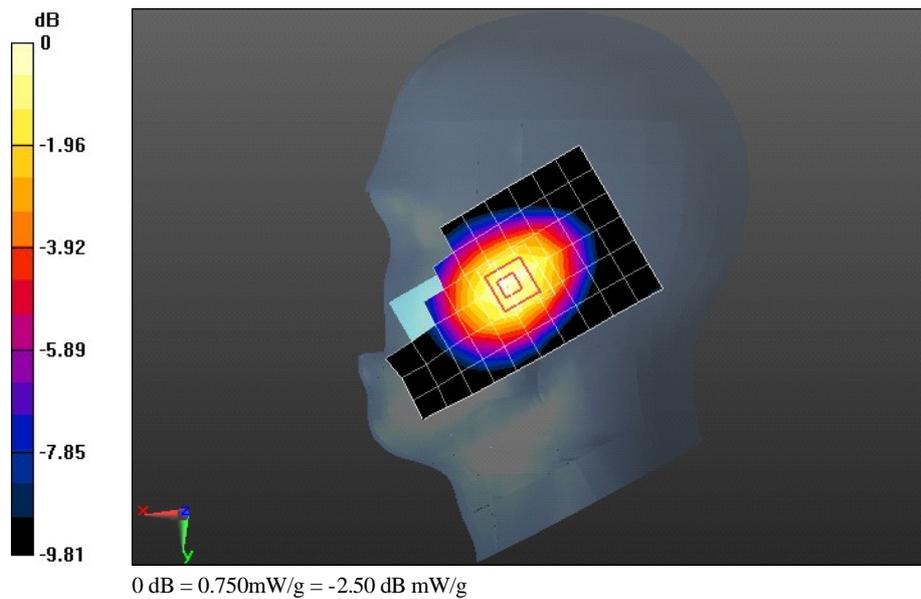
Reference Value = 12.489 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.9170

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.495 mW/g

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

Maximum value of SAR (measured) = 0.748 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 190CH Right hand touch check

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth;Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 42.368$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.853 mW/g

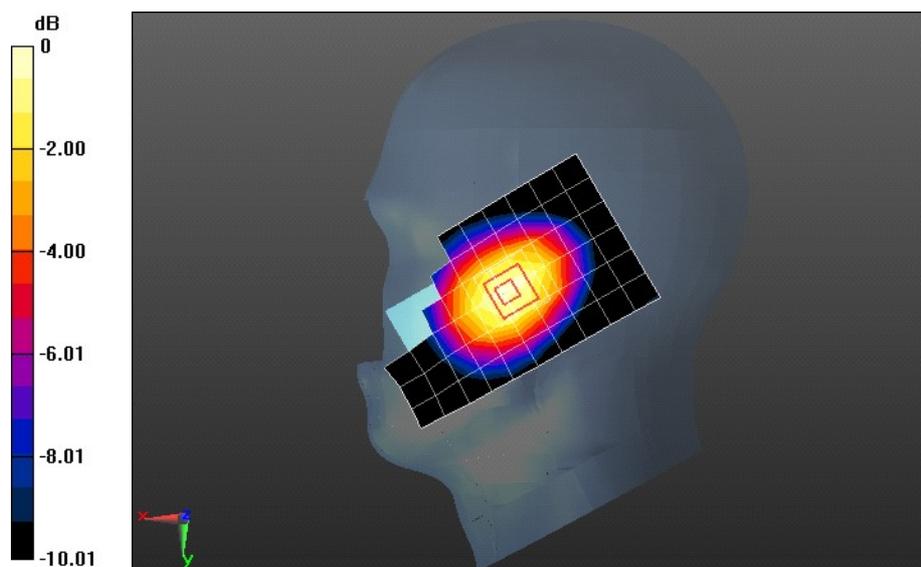
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.026 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.1030

SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.596 mW/g

Maximum value of SAR (measured) = 0.907 mW/g



0 dB = 0.910mW/g = -0.82 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 251CH Right hand touch cheek

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.273$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.936 mW/g

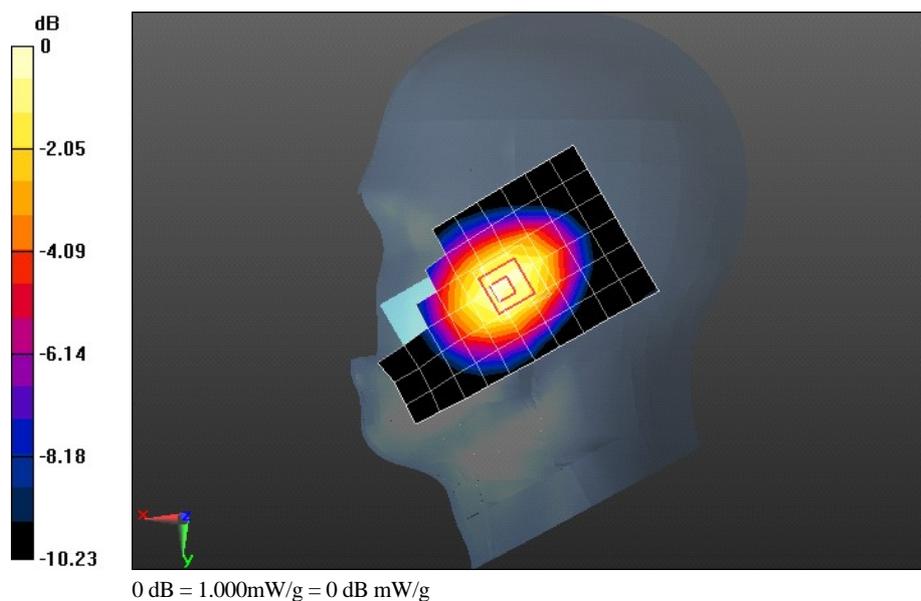
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.193 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.2300

SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.660 mW/g

Maximum value of SAR (measured) = 1.002 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 190CH Right hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 42.368$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.33, 8.33, 8.33); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

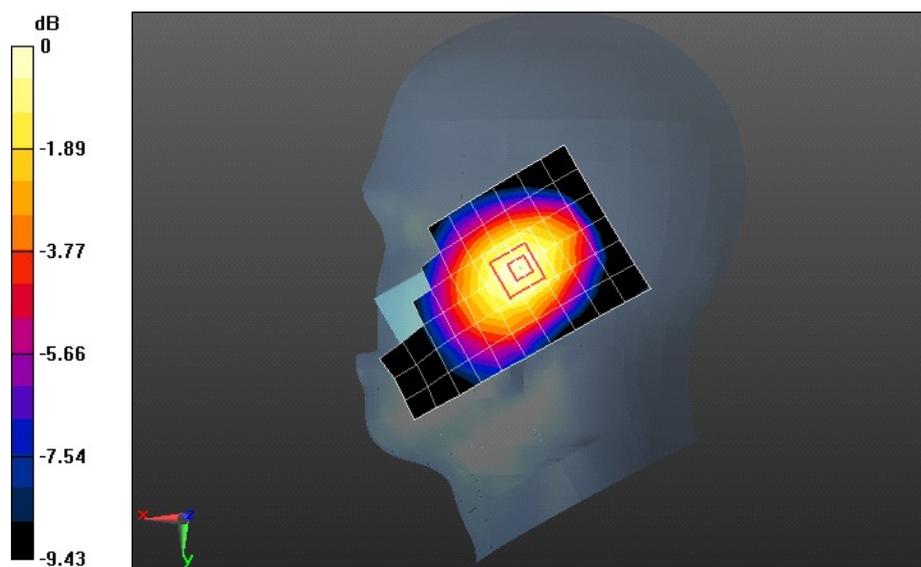
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.176 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.5800

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.460 mW/g



0 dB = 0.460mW/g = -6.74 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 GPRS 1TS 190CH Toward Phantom 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

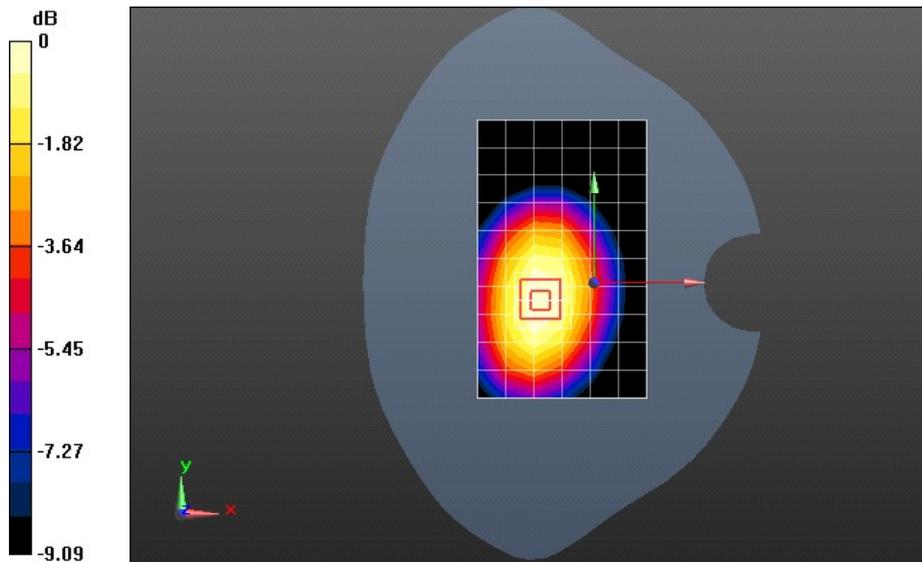
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.595 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.8780

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.482 mW/g

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



0 dB = 0.710mW/g = -2.97 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 GPRS 2TS 190CH Toward Phantom 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.635 mW/g

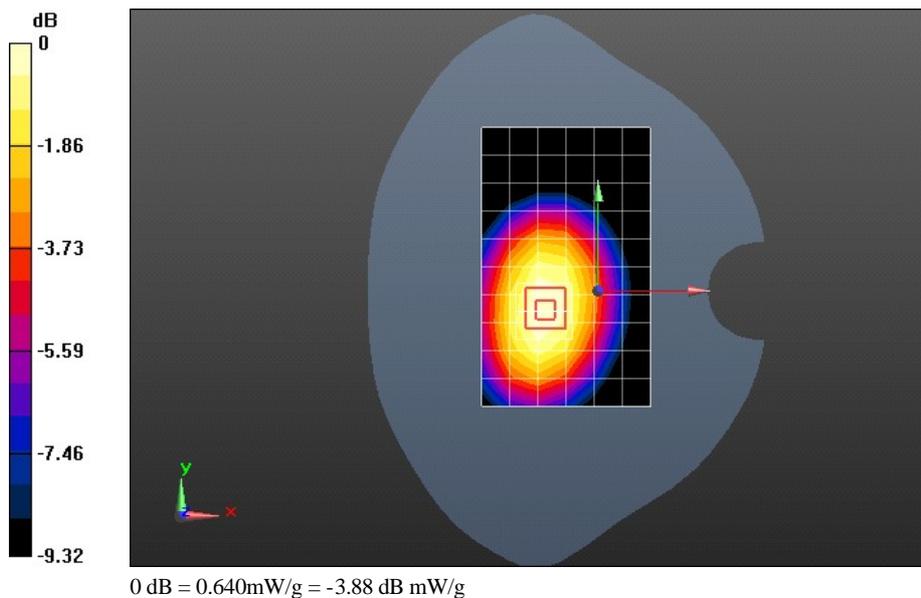
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.008 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.7940

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.636 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 GPRS 1TS 128CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 53.911$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.864 mW/g

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

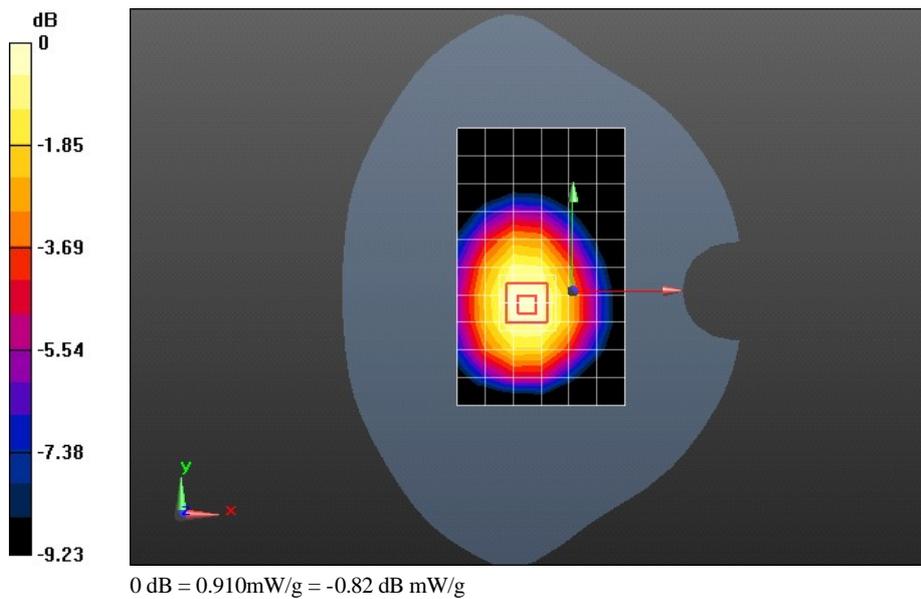
Reference Value = 29.474 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.1510

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.621 mW/g

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

Maximum value of SAR (measured) = 0.912 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 GPRS 1TS 190CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.864 mW/g

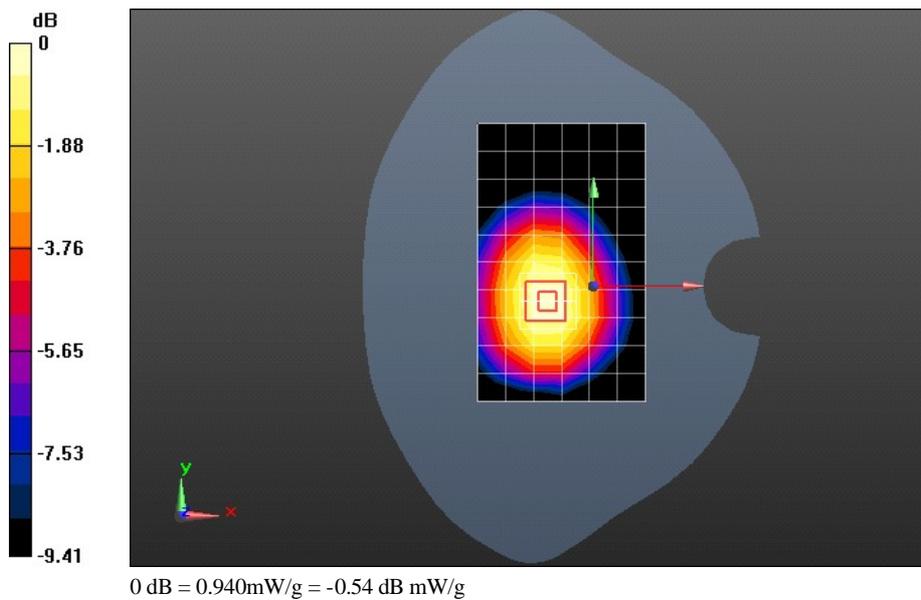
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.917 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.1910

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 0.941 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 GPRS 1TS 251CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.739$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.849 mW/g

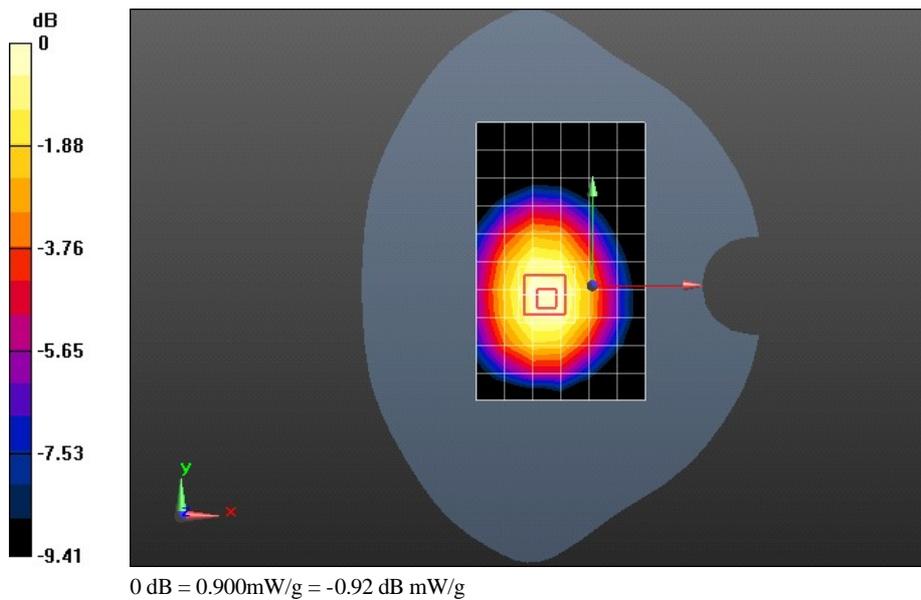
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.028 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.1530

SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.606 mW/g

Maximum value of SAR (measured) = 0.902 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 EGPRS 1TS 128CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 53.911$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.932 mW/g

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

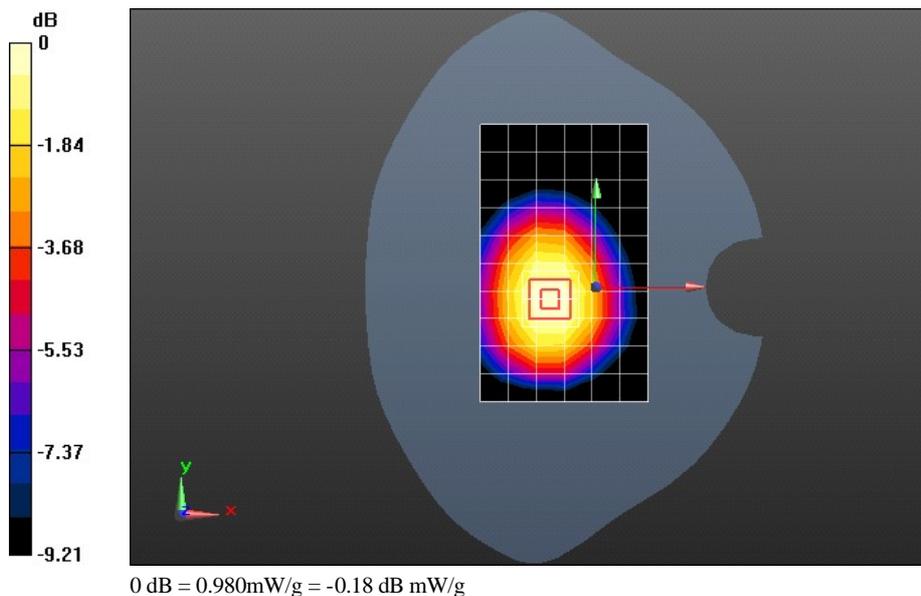
Reference Value = 30.653 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.2440

SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.665 mW/g

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

Maximum value of SAR (measured) = 0.982 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 EGPRS 1TS 190CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

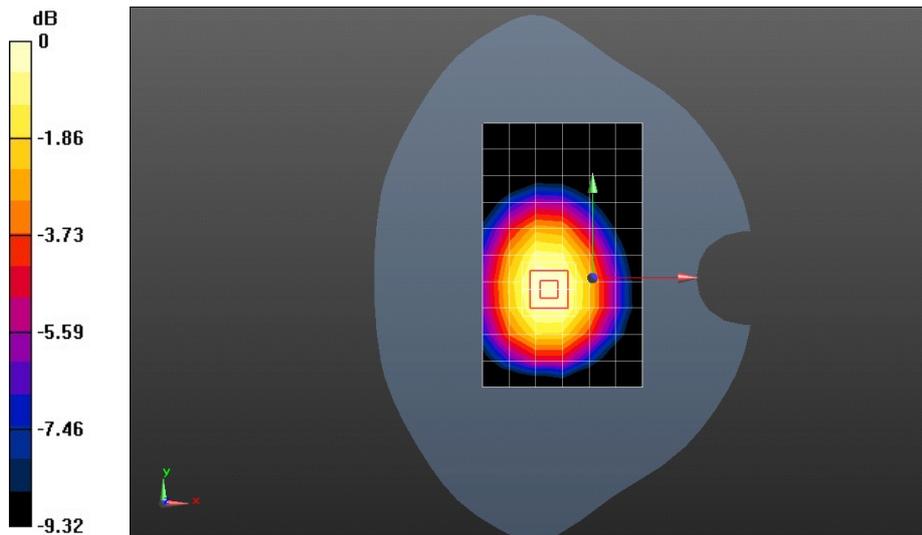
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

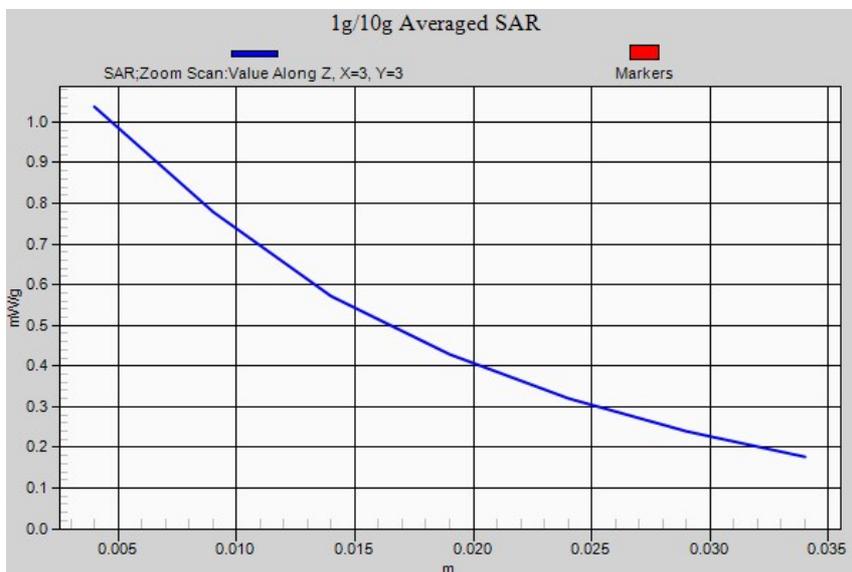
- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 1.009 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 31.919 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 1.3160
SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.704 mW/g
 Maximum value of SAR (measured) = 1.037 mW/g



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



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 EGPRS 1TS 251CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.739$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.941 mW/g

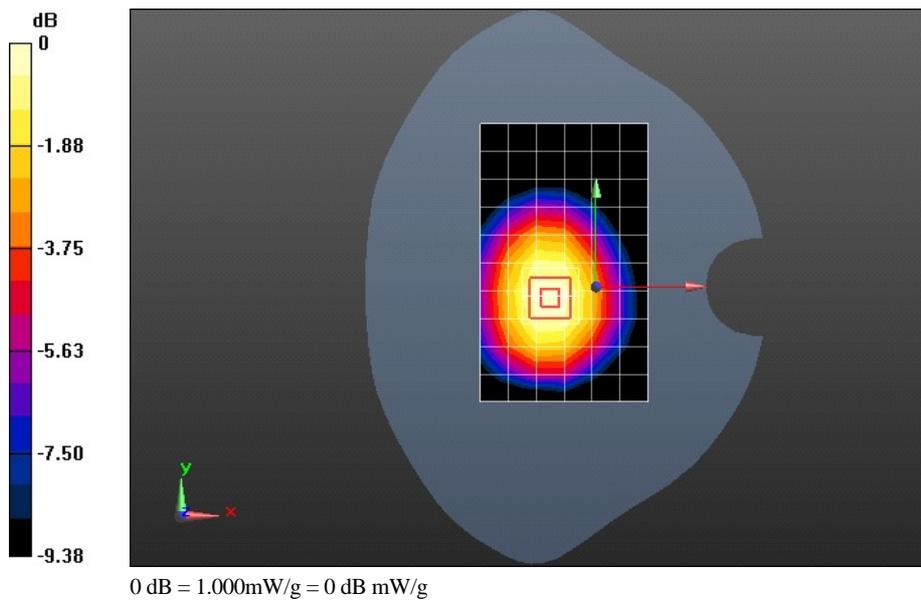
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.595 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.2770

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.665 mW/g

Maximum value of SAR (measured) = 0.995 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 EGPRS 2TS 128CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.974$ mho/m; $\epsilon_r = 53.911$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.822 mW/g

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

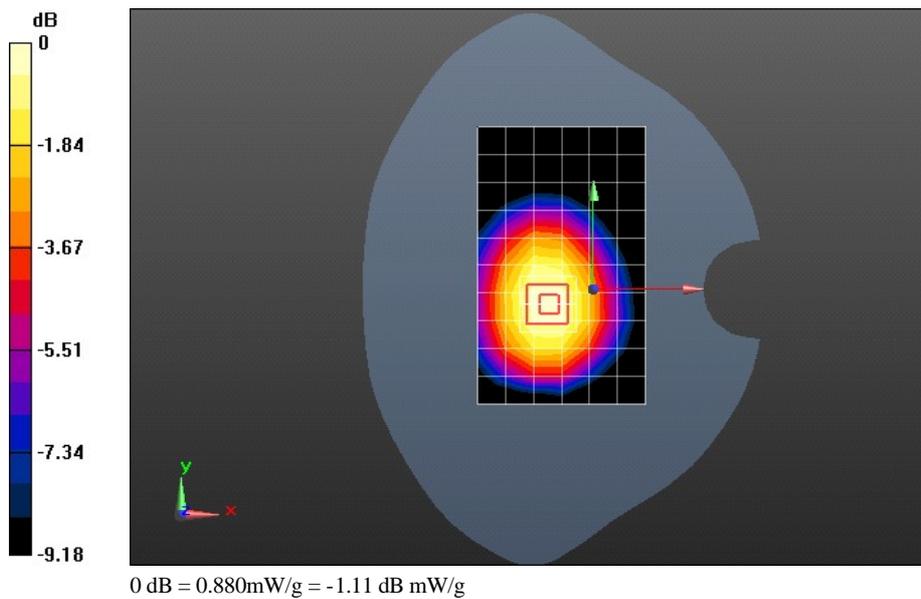
Reference Value = 28.571 V/m; Power Drift = -0.0079 dB

Peak SAR (extrapolated) = 1.1230

SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.596 mW/g

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

Maximum value of SAR (measured) = 0.881 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 EGPRS 2TS 190CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

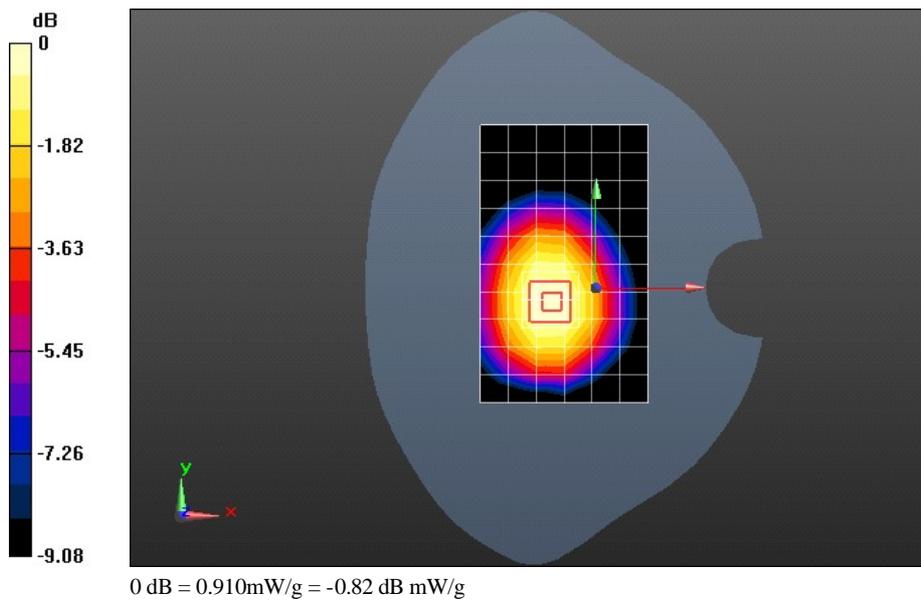
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.729 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.1390

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.616 mW/g

Maximum value of SAR (measured) = 0.905 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 EGPRS 2TS 251CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 849$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.739$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.863 mW/g

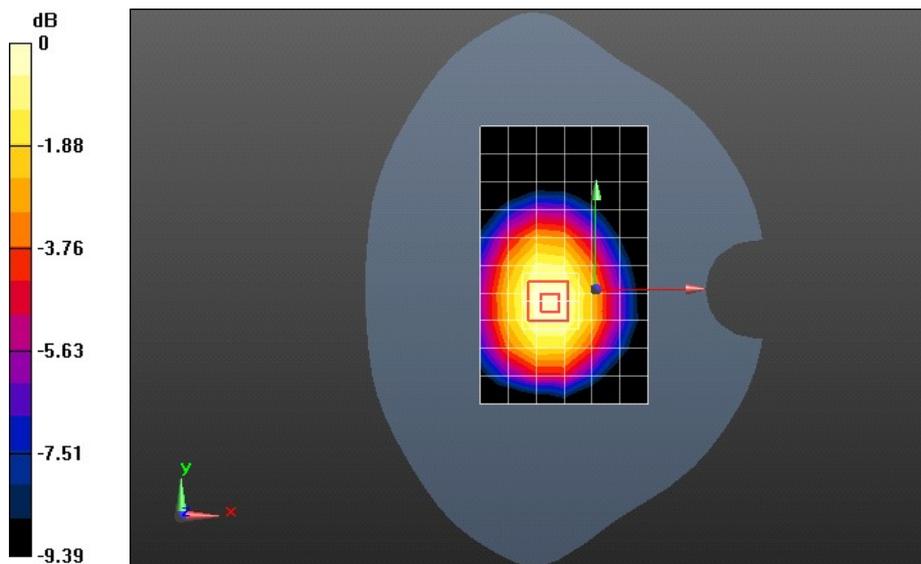
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.150 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.1790

SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.617 mW/g

Maximum value of SAR (measured) = 0.918 mW/g



0 dB = 0.920mW/g = -0.72 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM850 190CH Toward Ground 15mm with Handset

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.45, 8.45, 8.45); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.529 mW/g

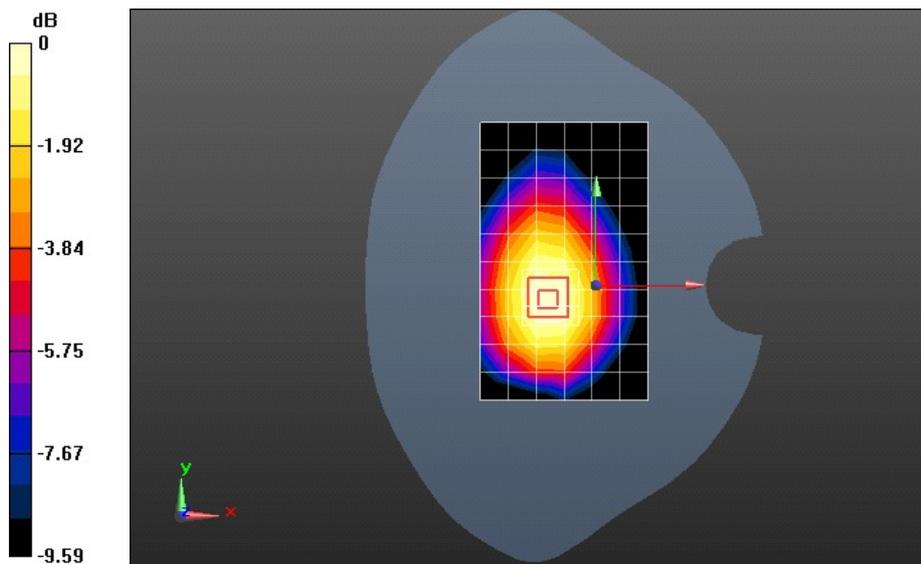
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.727 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.6980

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.550mW/g = -5.19 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 661CH Left hand touch cheek

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

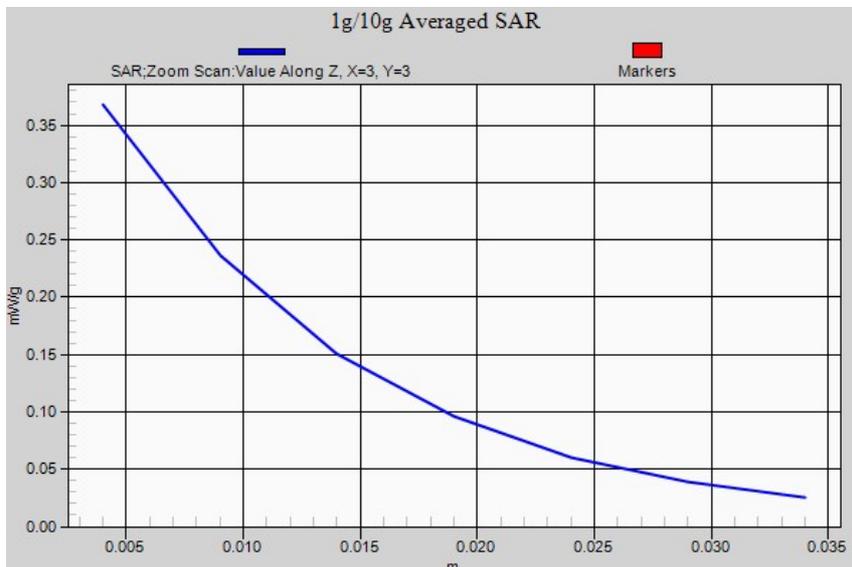
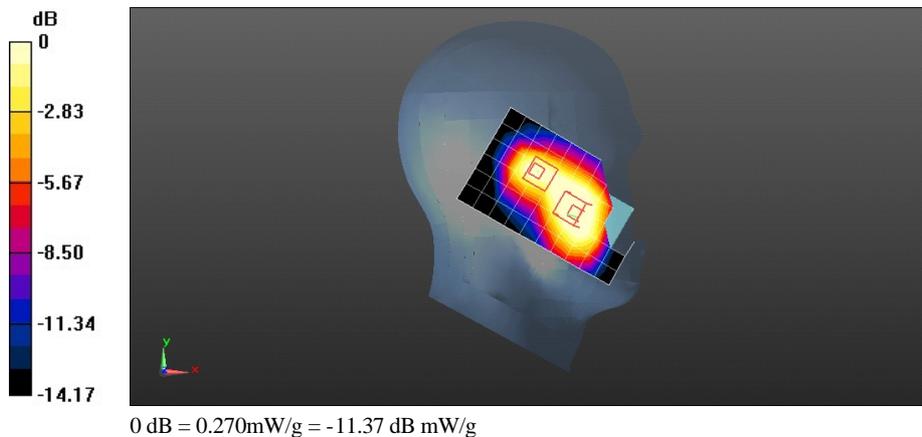
DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.370 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 8.051 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.5250
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.220 mW/g
 Maximum value of SAR (measured) = 0.368 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 8.051 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.3680
SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.151 mW/g
 Maximum value of SAR (measured) = 0.267 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 661CH Left hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

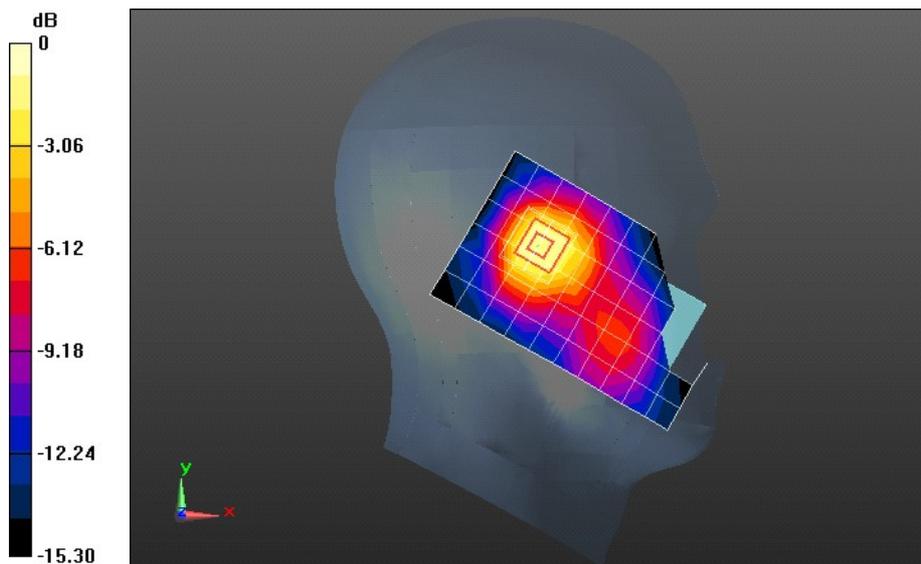
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.728 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.2990

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.117 mW/g

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



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

Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 661CH Right hand touch cheek

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.316 mW/g

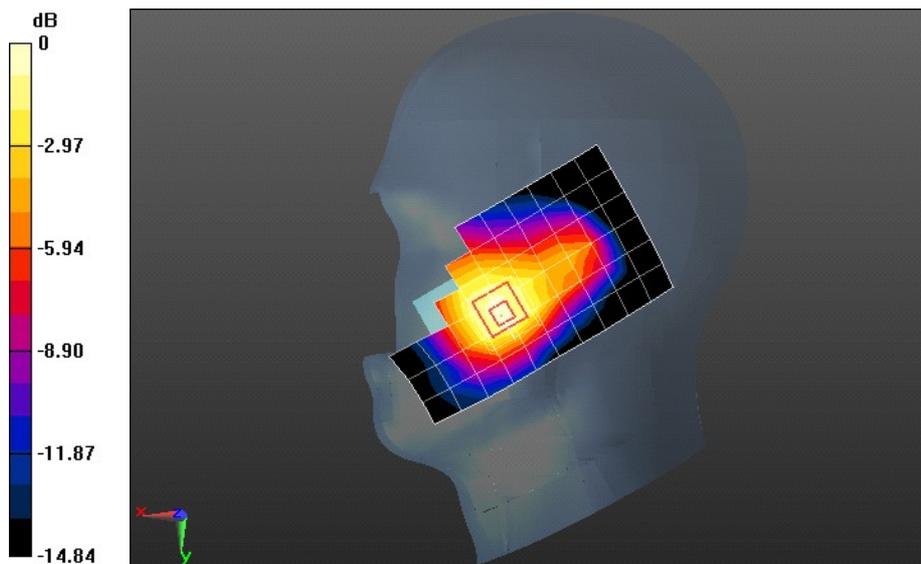
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.111 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.4840

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.360 mW/g



0 dB = 0.360mW/g = -8.87 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 661CH Right hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.160 mW/g

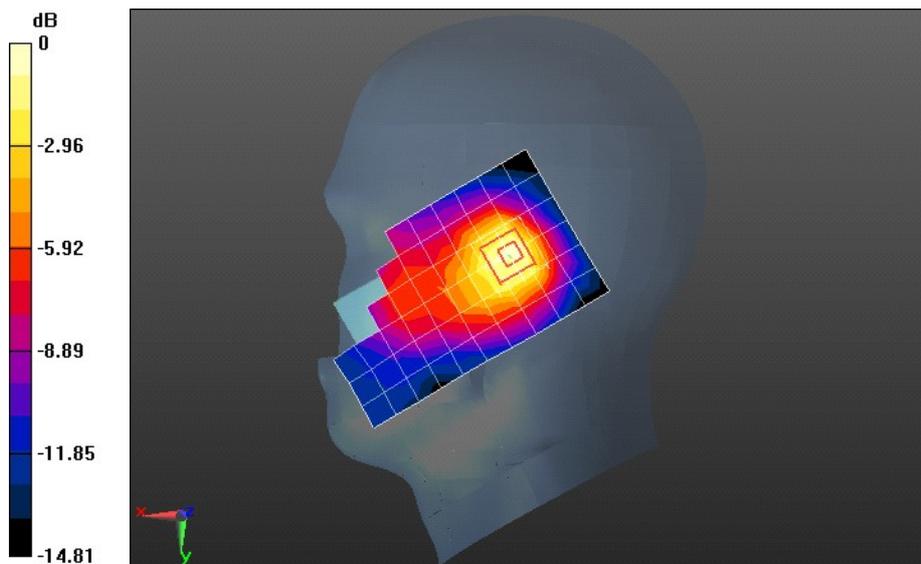
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.219 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.2490

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.175 mW/g



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

Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 GPRS 1TS 661CH Toward Phantom 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.190 mW/g

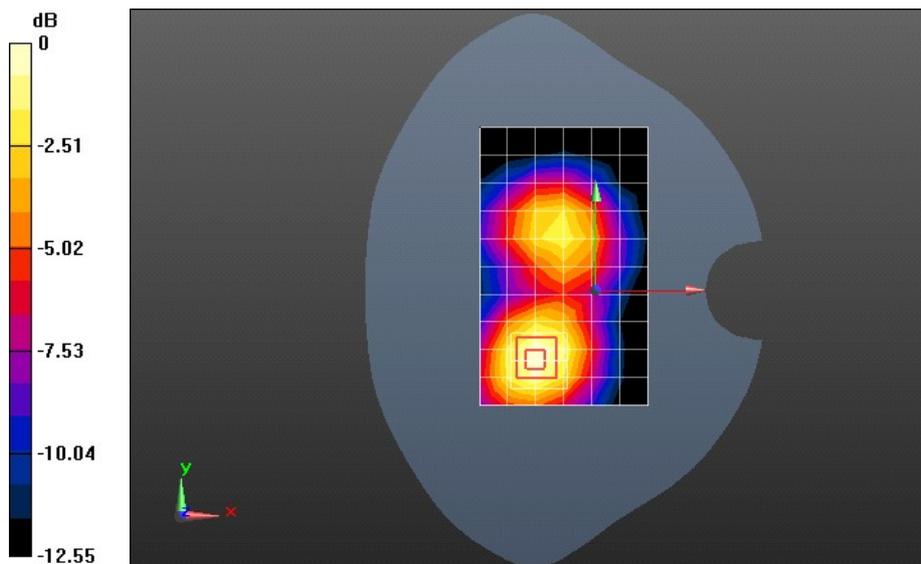
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.921 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.2840

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.193 mW/g



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

Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 GPRS 2TS 661CH Toward Phantom 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.339 mW/g

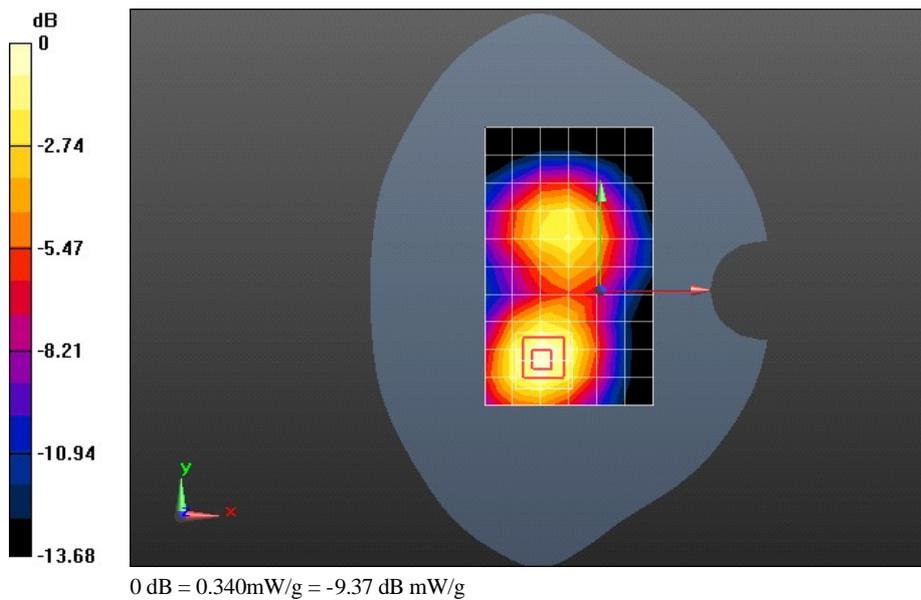
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.039 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.5080

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 GPRS 2TS 661CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.632 mW/g

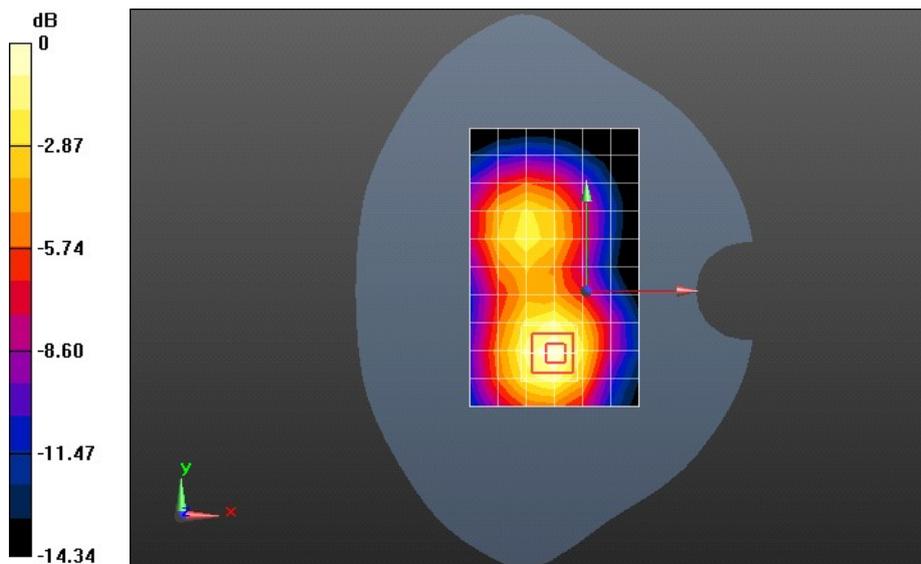
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.774 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.9370

SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.630mW/g = -4.01 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 EGPRS 1TS 661CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.354 mW/g

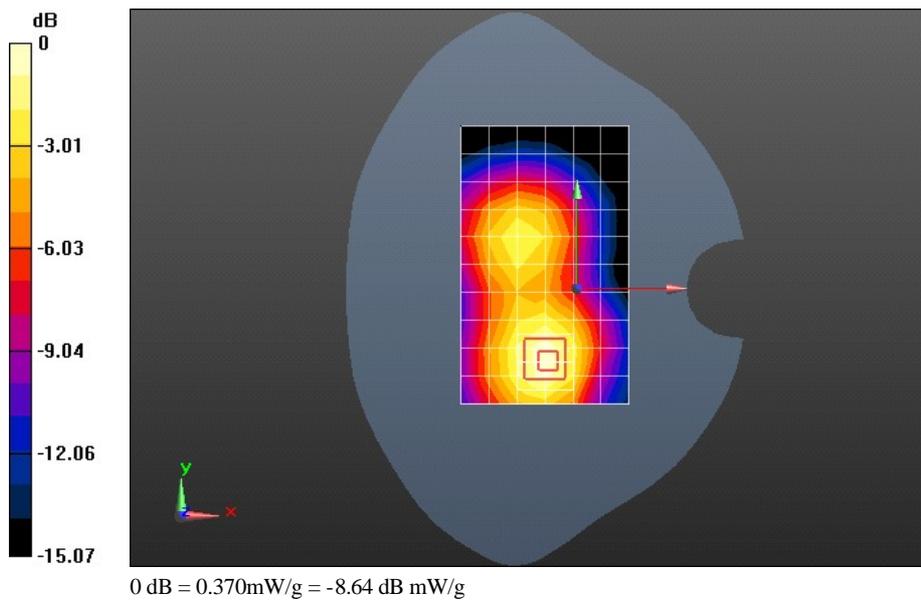
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.242 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.5580

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.369 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 EGPRS 2TS 661CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

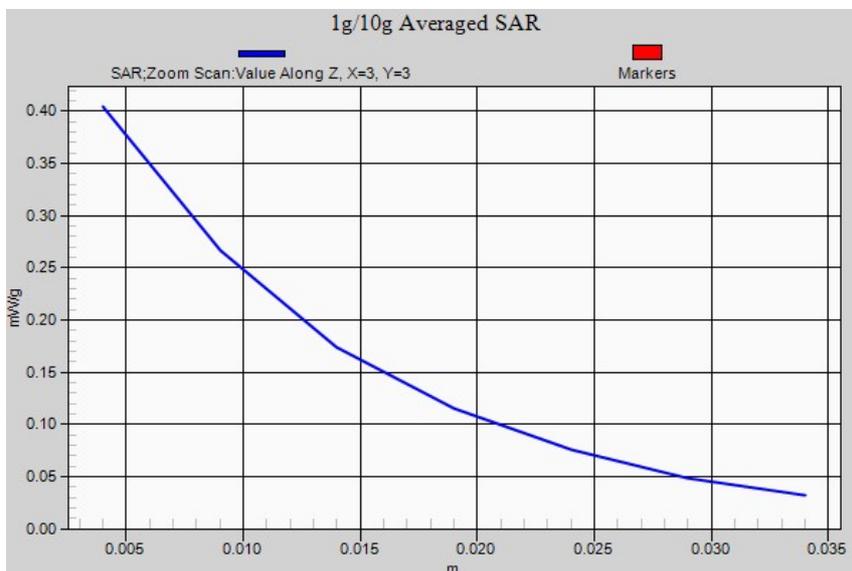
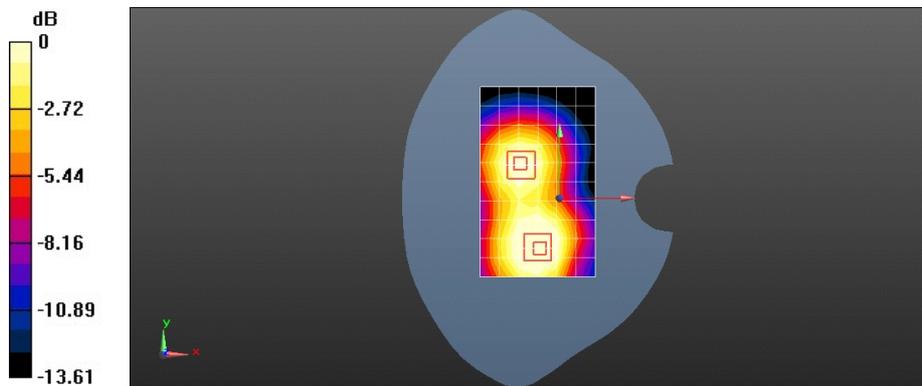
DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.638 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 12.541 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.9900
SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.361 mW/g
 Maximum value of SAR (measured) = 0.660 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 12.541 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.5770
SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.238 mW/g
 Maximum value of SAR (measured) = 0.404 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 GSM1900 661CH Toward Ground 15mm with headset

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth;Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.280 mW/g

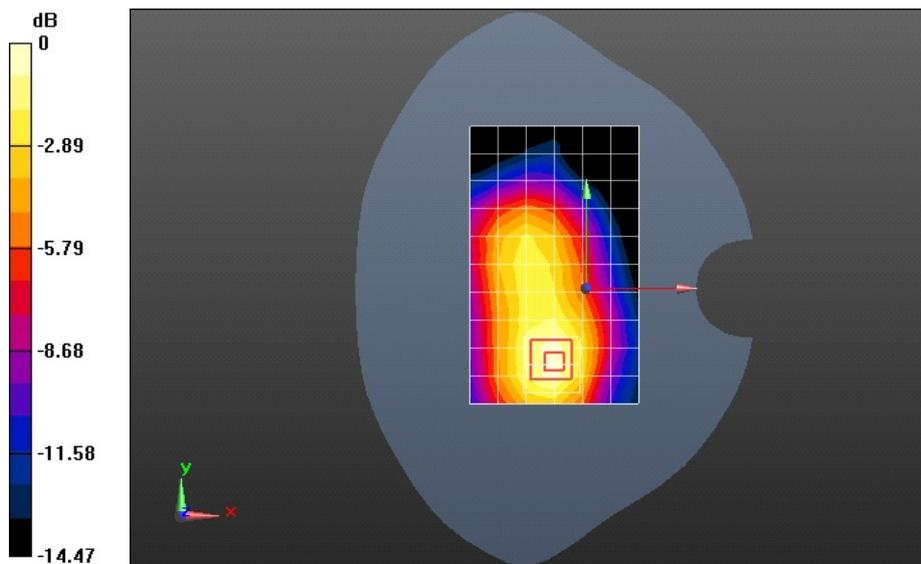
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.086 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.4600

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.300 mW/g



0 dB = 0.300mW/g = -10.46 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Left hand touch check

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz
 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r = 41.35$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

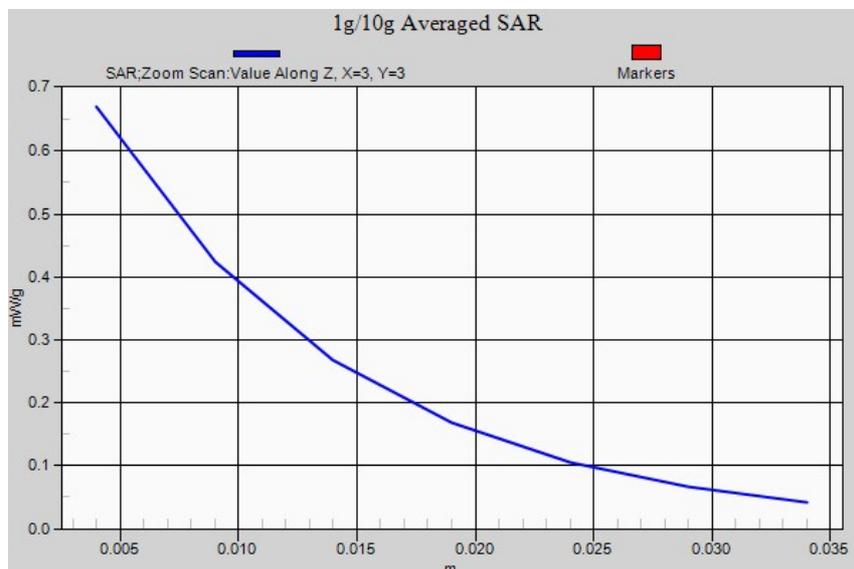
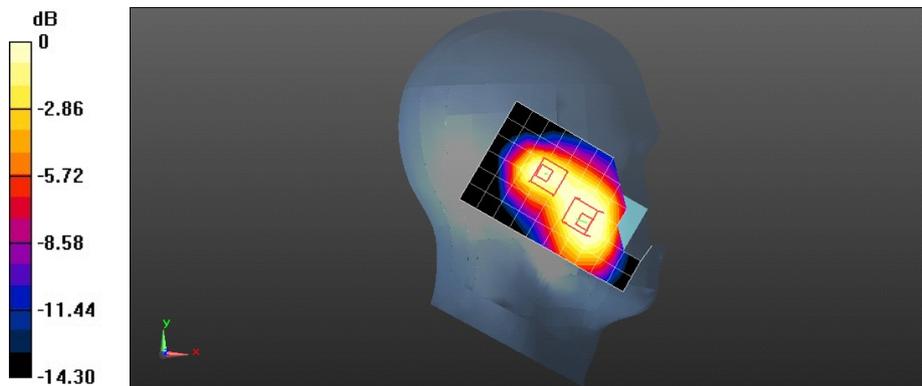
DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.62, 7.62, 7.62); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.609 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 10.524 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 0.9730
SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.380 mW/g
 Maximum value of SAR (measured) = 0.670 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 10.524 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 0.6610
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.263 mW/g
 Maximum value of SAR (measured) = 0.470 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Left hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r = 41.35$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.62, 7.62, 7.62); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.295 mW/g

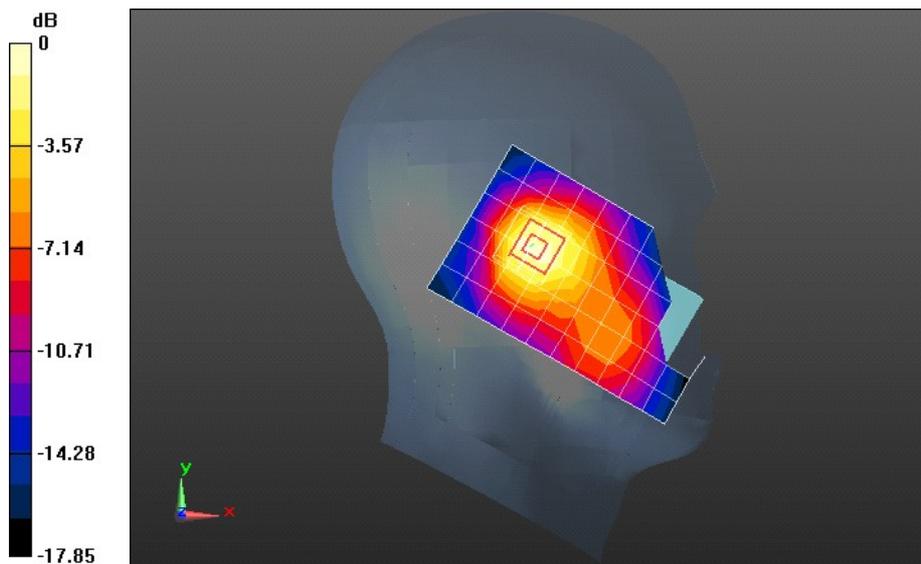
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.461 V/m; Power Drift = -0.0027 dB

Peak SAR (extrapolated) = 0.4670

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.330mW/g = -9.63 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Right hand touch check

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth;Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r = 41.35$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.62, 7.62, 7.62); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.595 mW/g

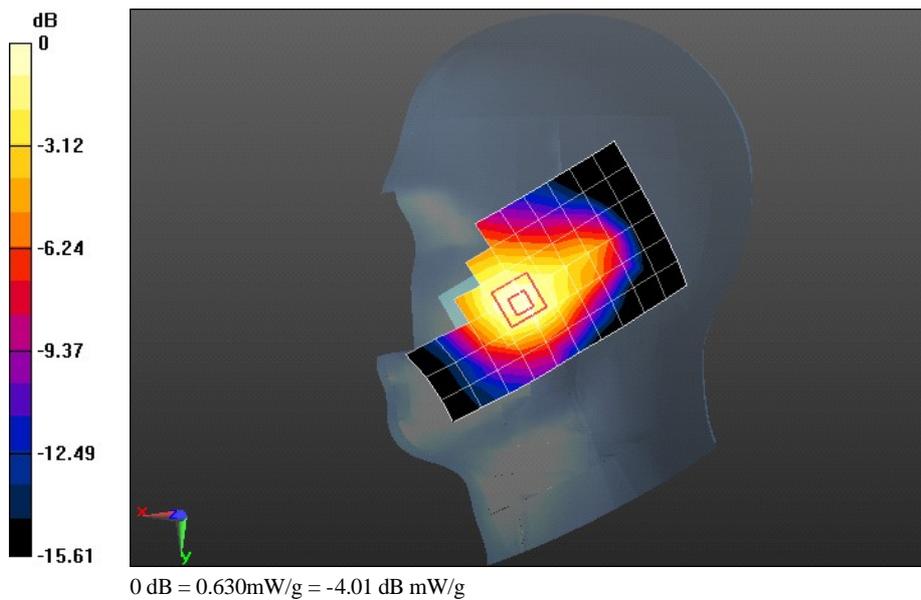
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.182 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.8520

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.635 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Right hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.384$ mho/m; $\epsilon_r = 41.35$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.62, 7.62, 7.62); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.269 mW/g

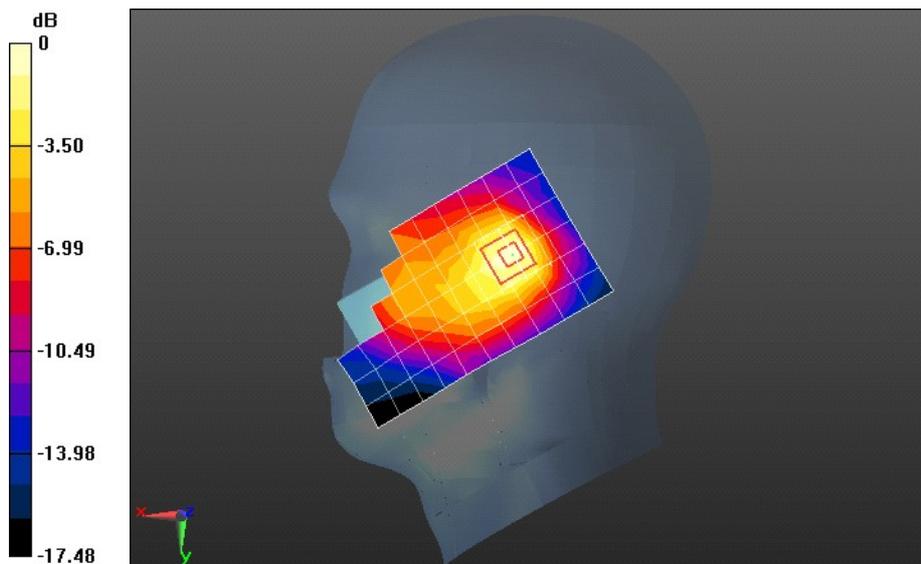
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.614 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.4260

SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.302 mW/g



0 dB = 0.300mW/g = -10.46 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Toward Phantom 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth;Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz
 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.536$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

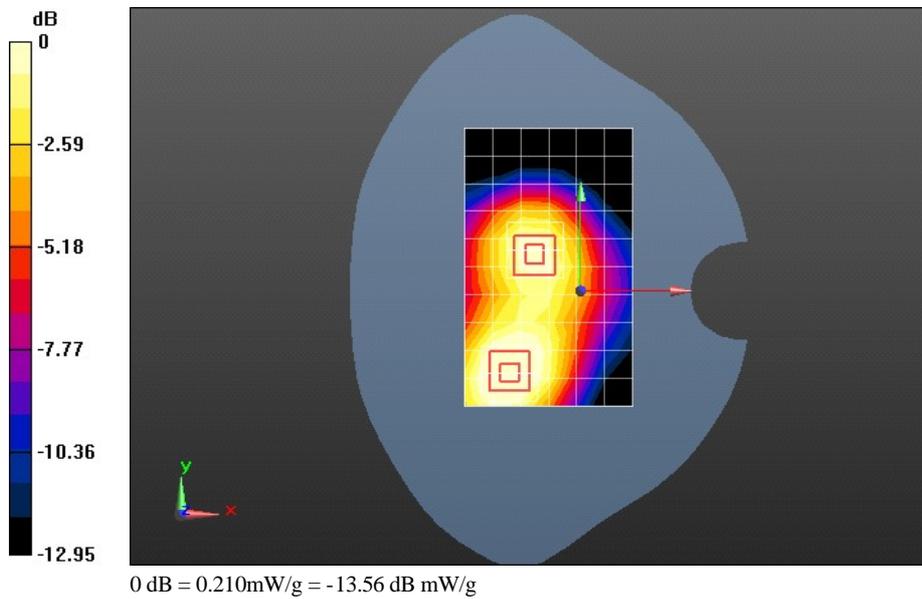
DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.19, 7.19, 7.19); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.280 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 10.205 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.4490
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.176 mW/g
 Maximum value of SAR (measured) = 0.311 mW/g

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 10.205 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.2830
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.124 mW/g
 Maximum value of SAR (measured) = 0.205 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Toward Ground 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.19, 7.19, 7.19); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.611 mW/g

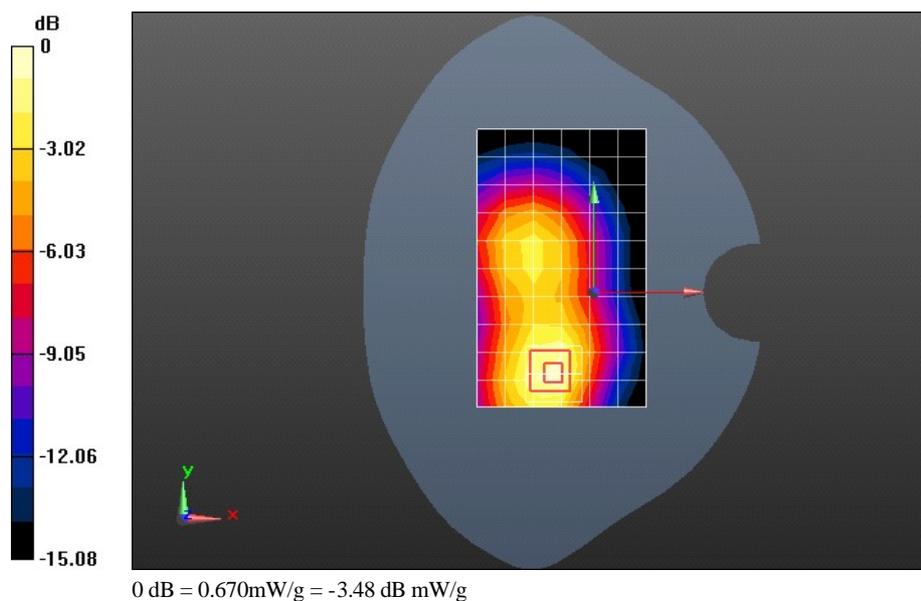
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.964 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.9920

SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Toward Ground 15mm with HSDPA

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.19, 7.19, 7.19); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.540 mW/g

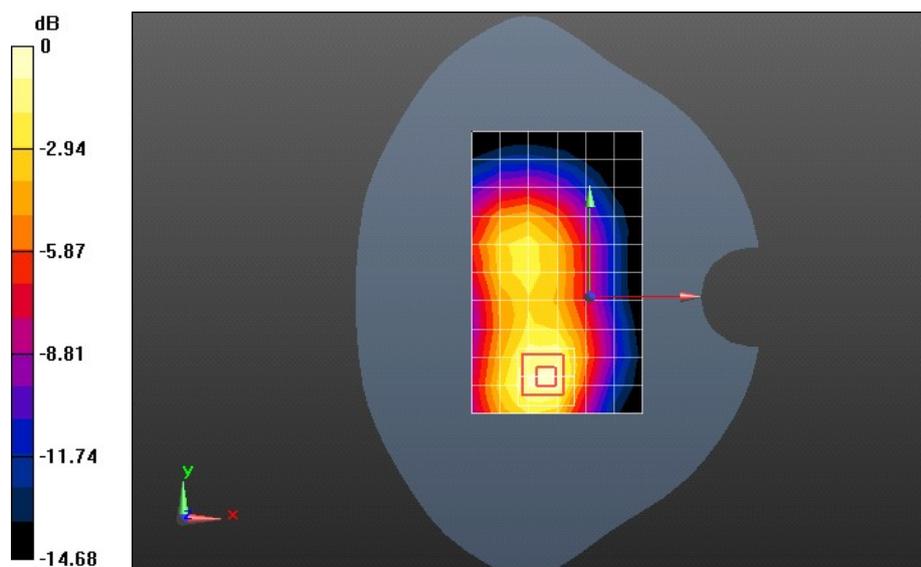
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.840 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.9180

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.333 mW/g

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



0 dB = 0.620mW/g = -4.15 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Toward Ground 15mm with HSUPA

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.19, 7.19, 7.19); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.543 mW/g

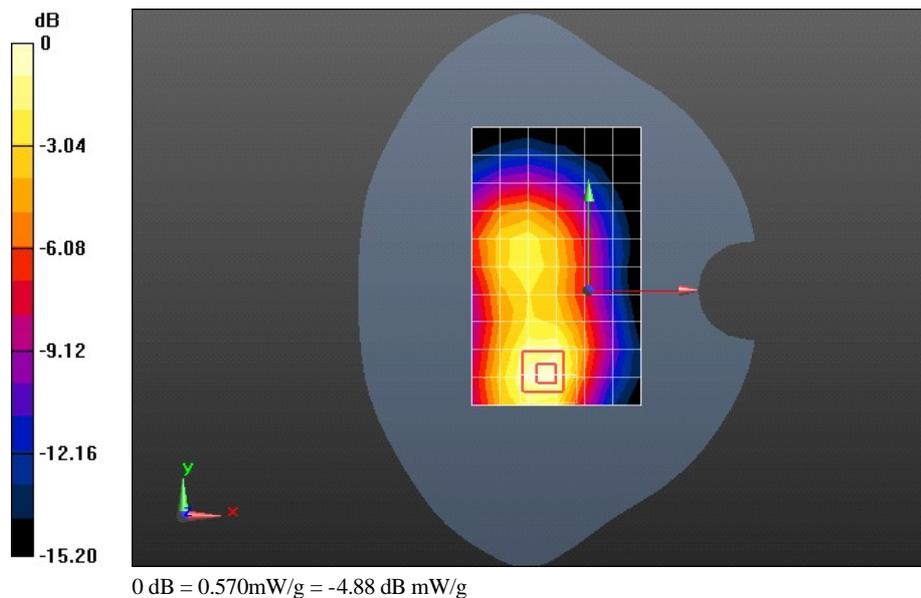
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.625 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.8450

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.569 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1700 1413CH Toward Ground 15mm with headset**DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1732.6 MHz

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.19, 7.19, 7.19); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.651 mW/g

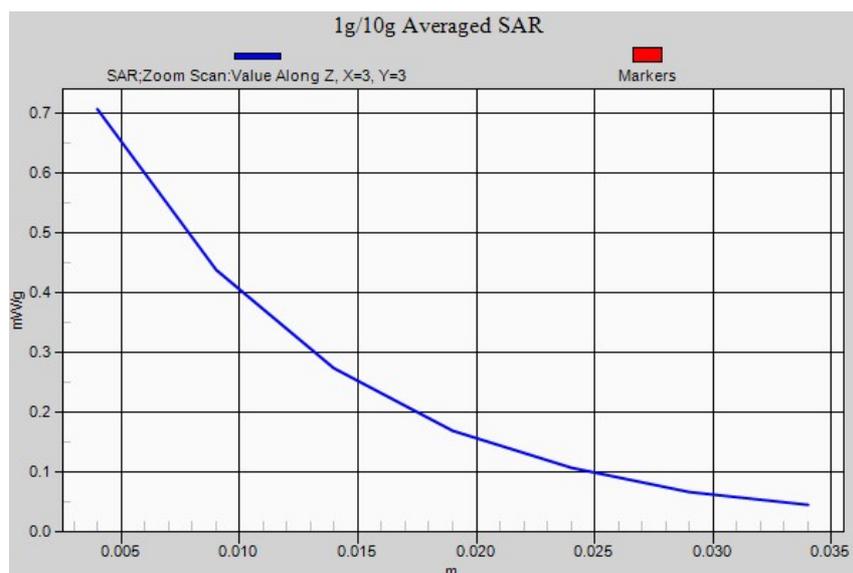
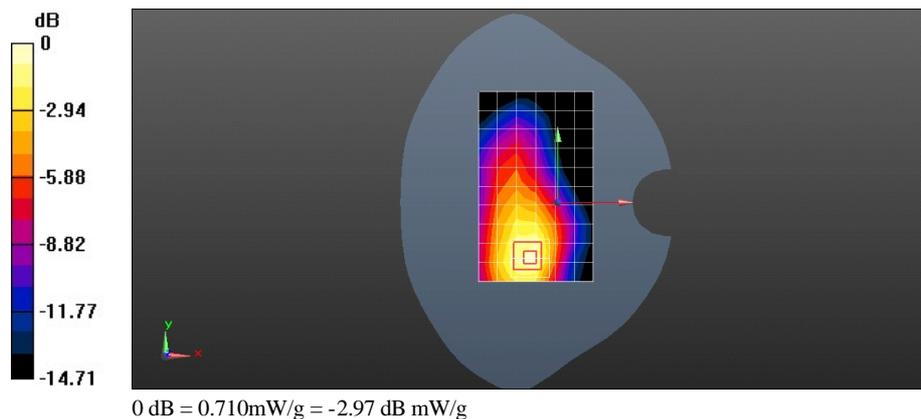
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.670 V/m; Power Drift = -0.0057 dB

Peak SAR (extrapolated) = 1.0500

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 0.707 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Left hand touch check

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

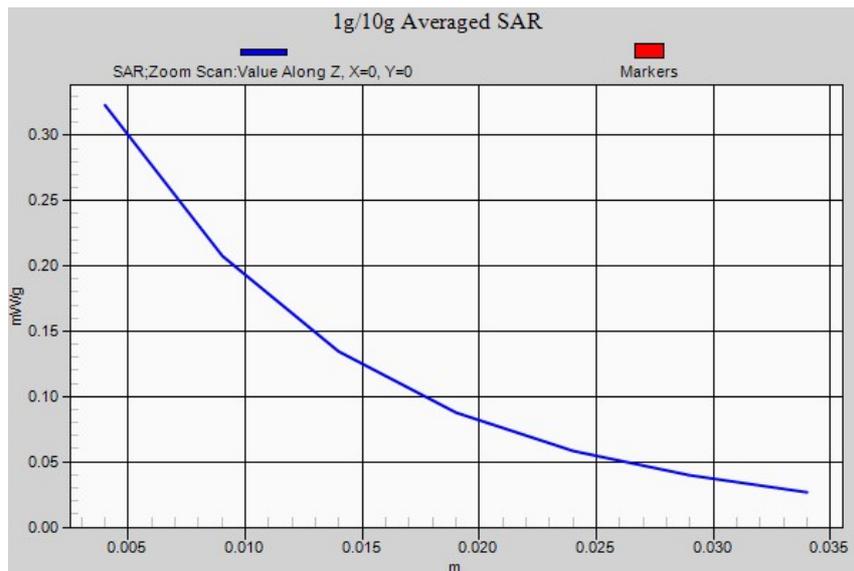
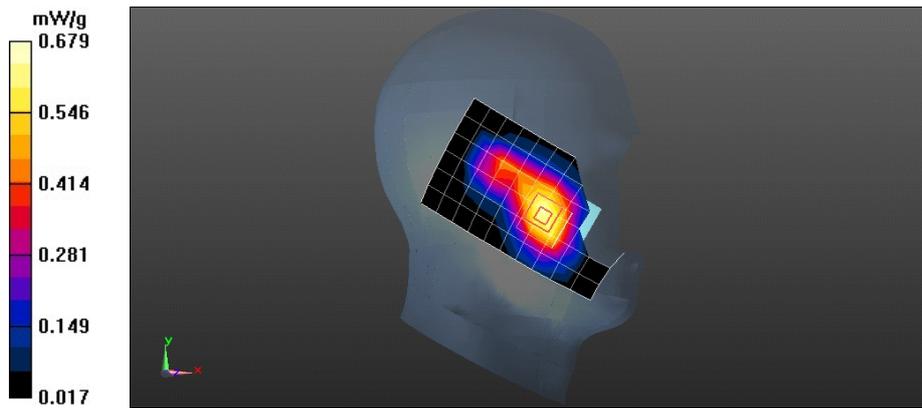
Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011;
- 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 14.6.5(6469)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.657 mW/g

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 9.857 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.994 mW/g
SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.405 mW/g
 Maximum value of SAR (measured) = 0.679 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Left hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.322 mW/g

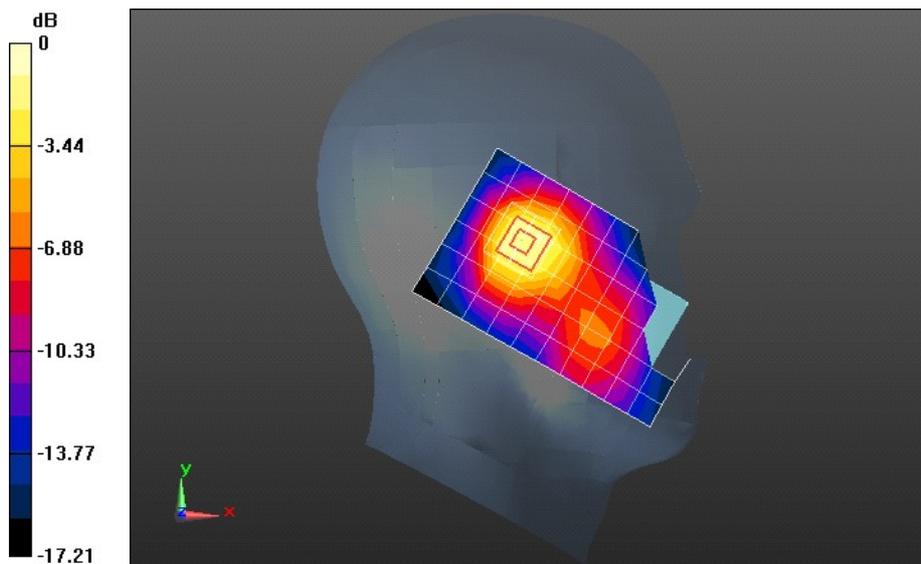
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.939 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.5750

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Right hand touch check

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.586 mW/g

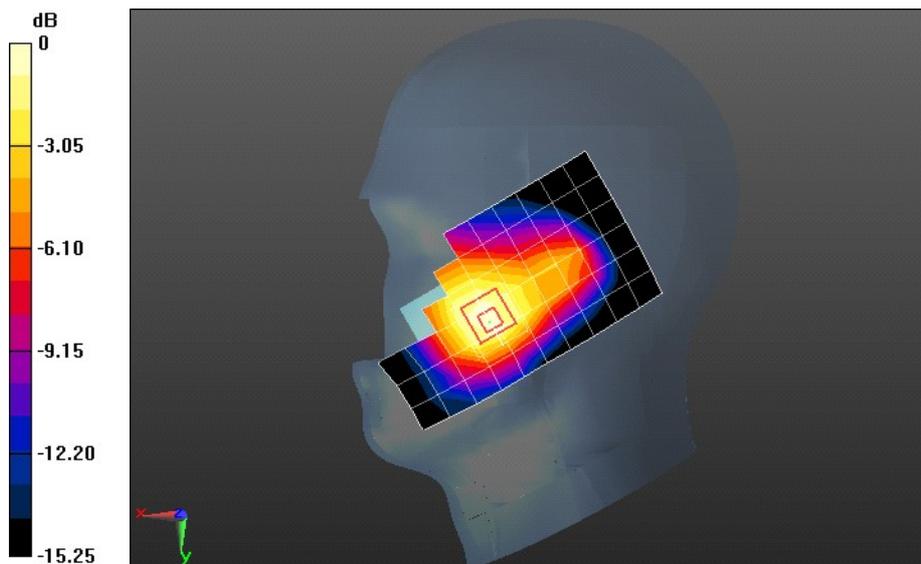
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.020 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.9020

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.672 mW/g



0 dB = 0.670mW/g = -3.48 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Right hand tilt 15 degree

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth;Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 38.868$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(7.26, 7.26, 7.26); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

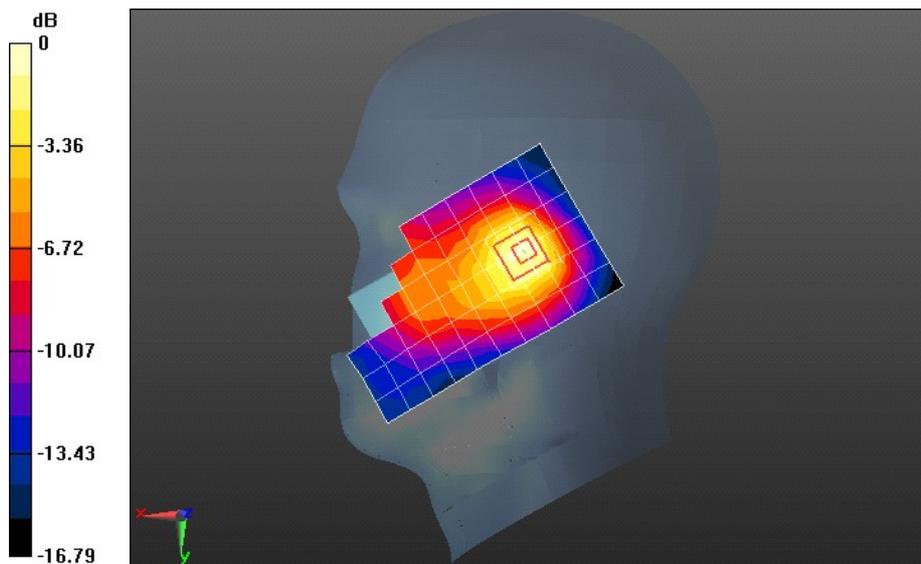
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.202 V/m; Power Drift = -0.0042 dB

Peak SAR (extrapolated) = 0.4780

SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.181 mW/g

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



0 dB = 0.340mW/g = -9.37 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Toward Phantom 15mm

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.282 mW/g

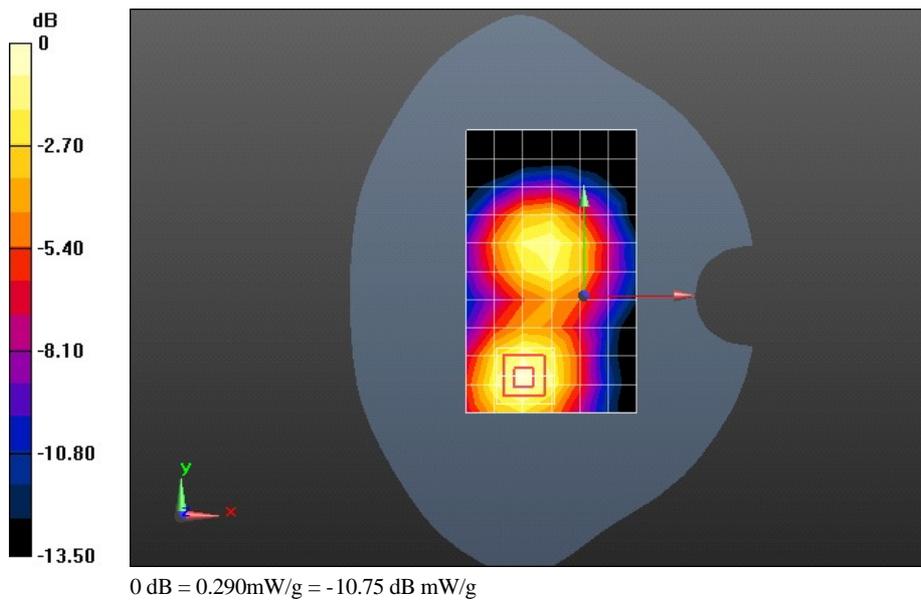
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.756 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.4210

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.286 mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Toward Ground 15mm**DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.625 mW/g

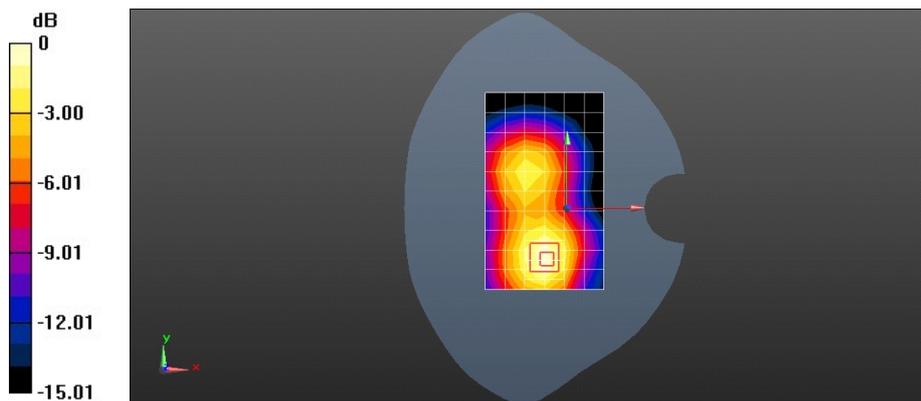
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.056 V/m; Power Drift = 0.09 dB

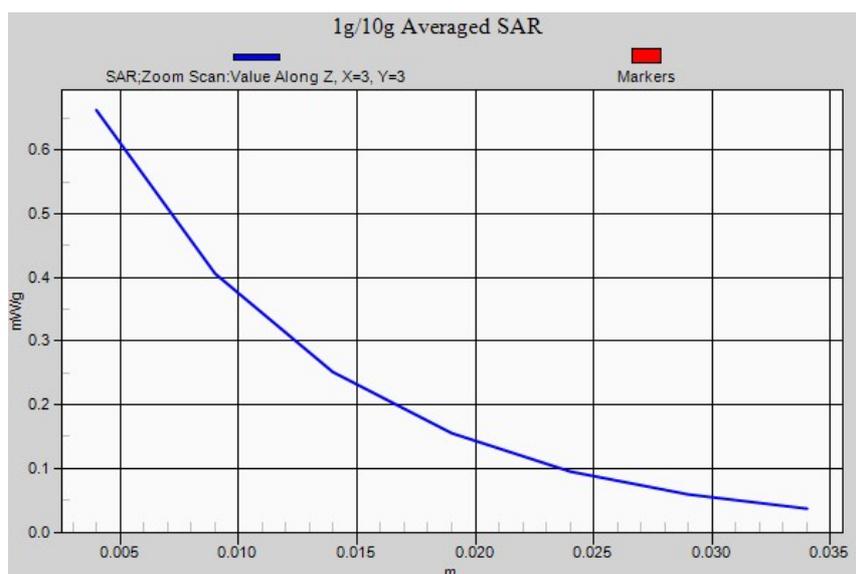
Peak SAR (extrapolated) = 0.9980

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.663 mW/g



0 dB = 0.660mW/g = -3.61 dB mW/g



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Toward Ground 15mm with HSDPA**DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.586 mW/g

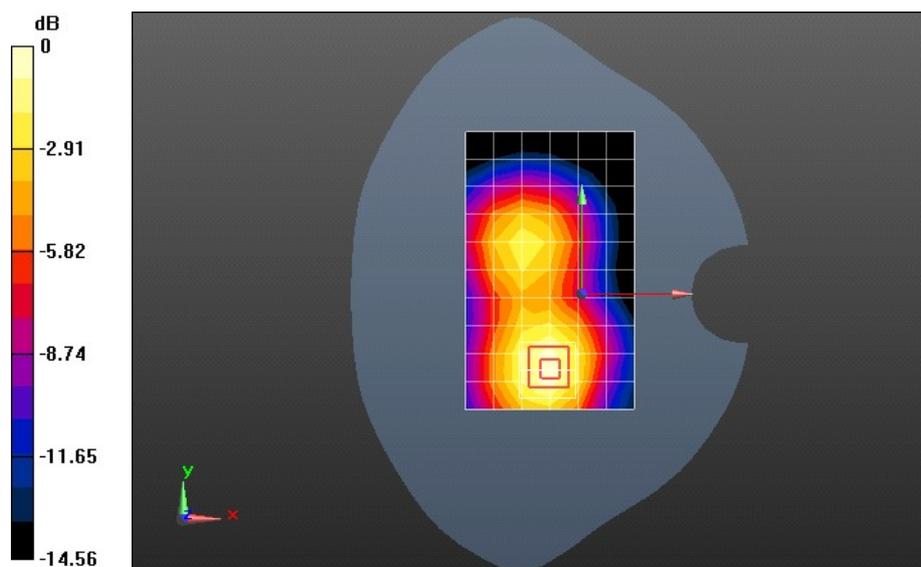
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.640 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.9390

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.618 mW/g



0 dB = 0.620mW/g = -4.15 dB mW/g

Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Toward Ground 15mm with HSUPA

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth;Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.400 mW/g

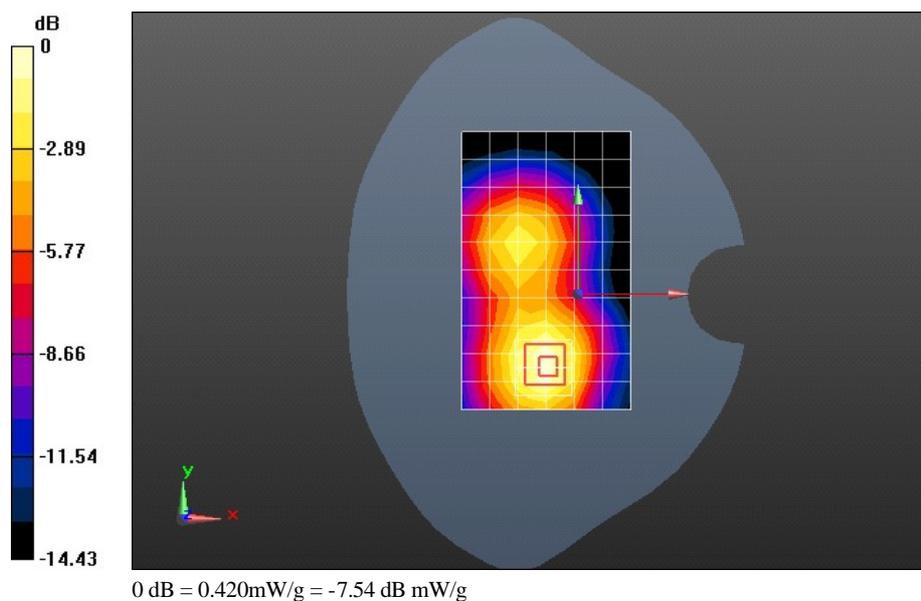
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.521 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.6300

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.230 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U2900 WCDMA1900 9400CH Toward Ground 15mm with headset

DUT: U2900; Type: UMTS Mobile Phone With Bluetooth; Serial: SAR2

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 53.356$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.68, 6.68, 6.68); Calibrated: 6/21/2011
- 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 (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.500 mW/g

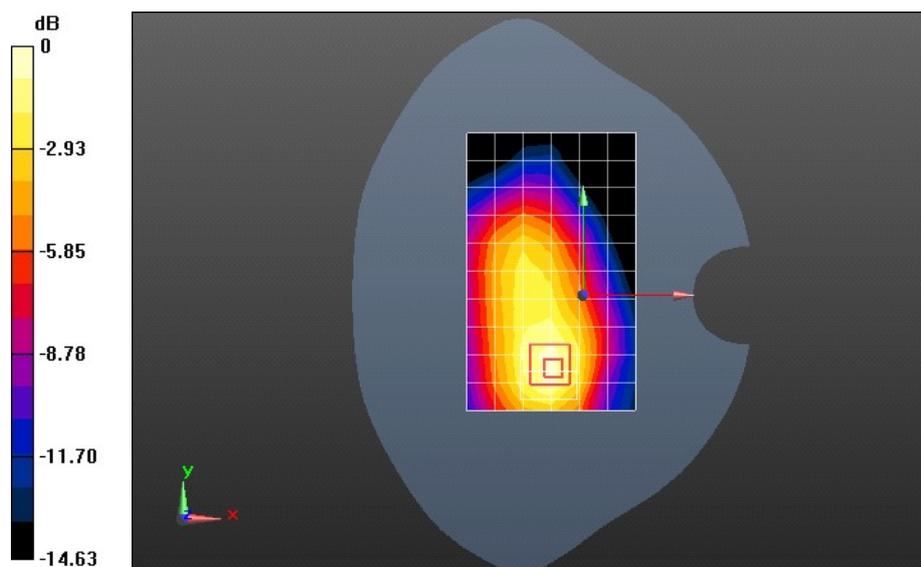
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.892 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.8280

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.297 mW/g

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



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