



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 251CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 40.56$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.852 W/kg

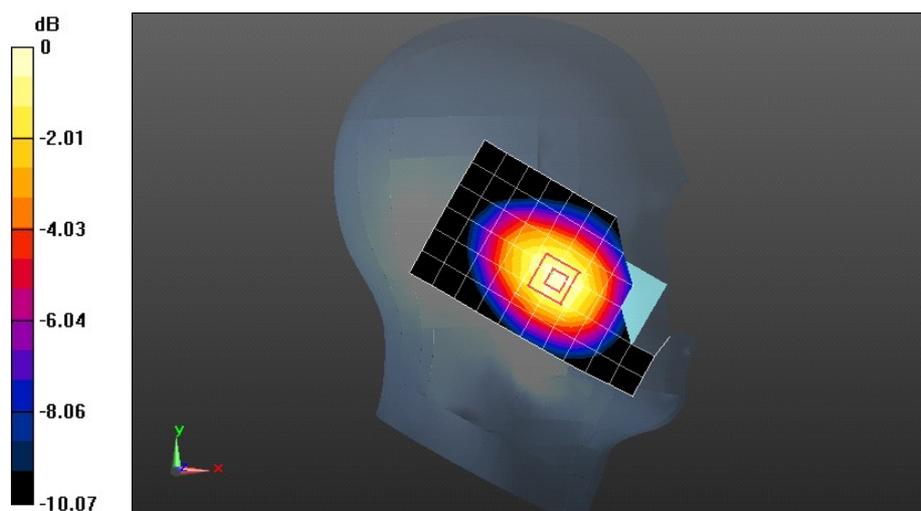
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.811 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.605 W/kg

Maximum value of SAR (measured) = 0.899 W/kg



0 dB = 0.899 W/kg = -0.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 190CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 40.521$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.745 W/kg

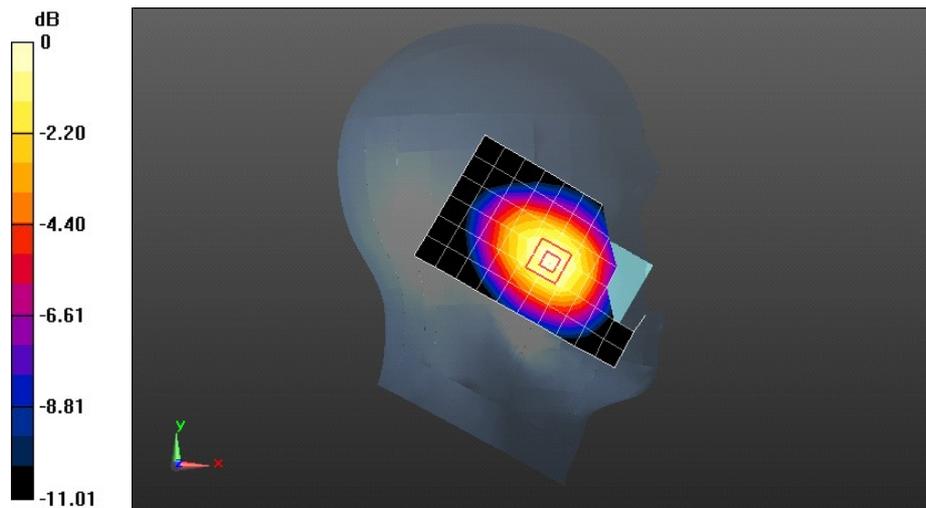
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.229 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.976 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.531 W/kg

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 128CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042

Medium parameters used: $f = 824$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 40.575$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.620 W/kg

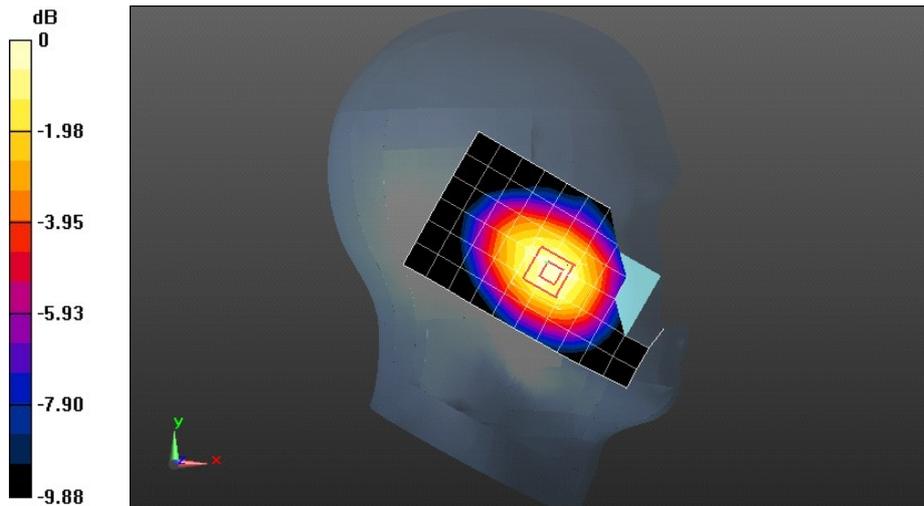
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.081 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.446 W/kg

Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg = -1.85 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 190CH Left hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 40.521$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.434 W/kg

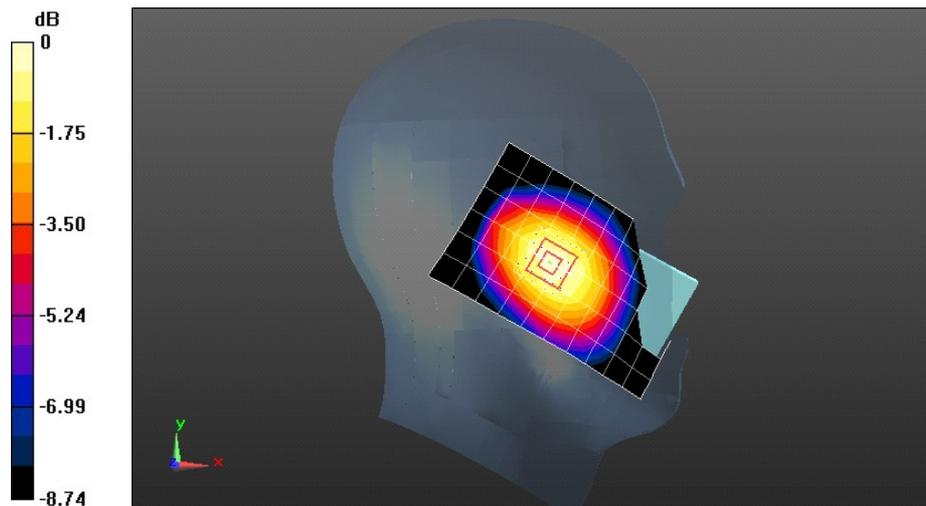
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.508 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.447 W/kg



0 dB = 0.447 W/kg = -3.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 190CH Right hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 40.521$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.731 W/kg

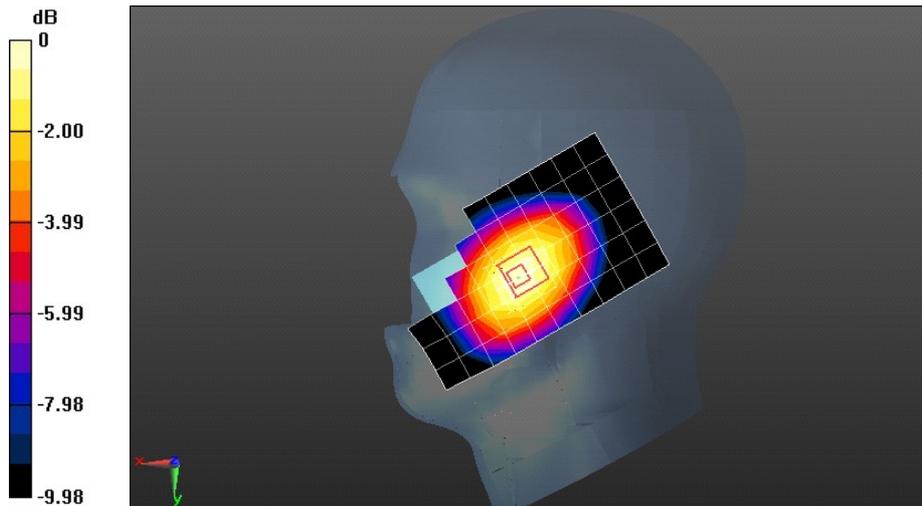
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.275 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.519 W/kg

Maximum value of SAR (measured) = 0.769 W/kg



0 dB = 0.769 W/kg = -1.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 190CH Right hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 40.521$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.446 W/kg

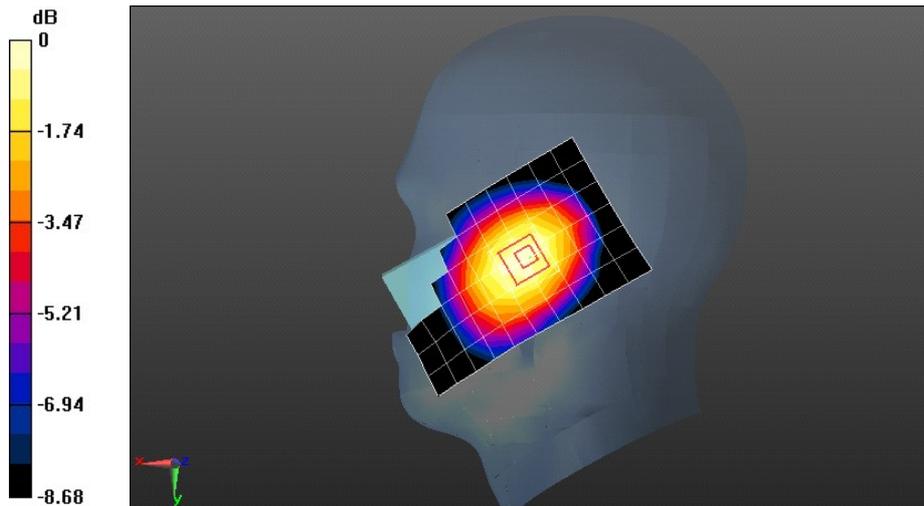
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.304 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.317 W/kg

Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.454 W/kg = -3.43 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 251CH Left hand touch cheek with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 40.56$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.916 W/kg

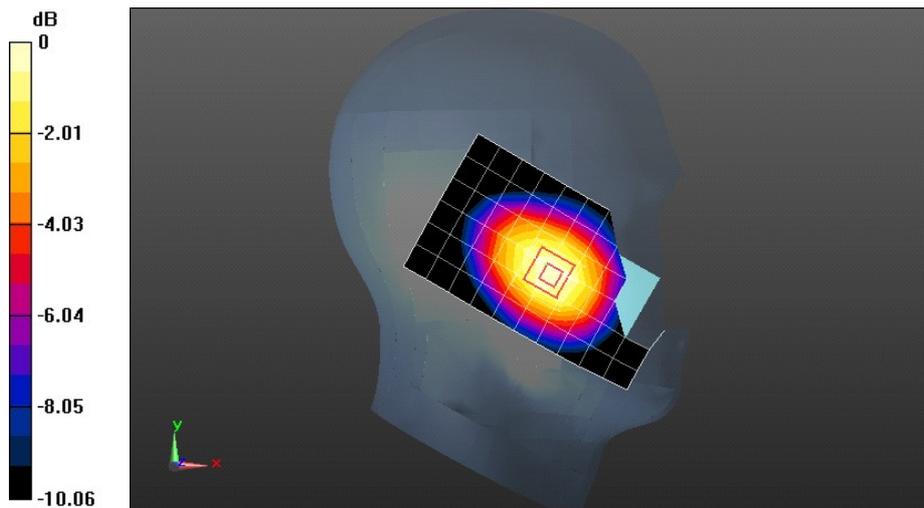
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.003 V/m; Power Drift = -0.17 dB

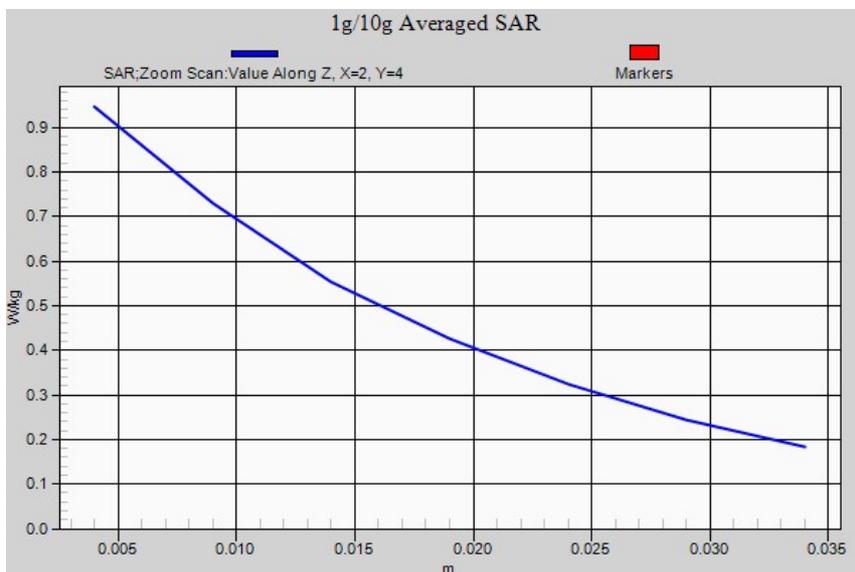
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.646 W/kg

Maximum value of SAR (measured) = 0.946 W/kg



0 dB = 0.946 W/kg = -0.24 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 251CH Left hand touch cheek with battery 2# Repeated

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 40.56$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.834 W/kg

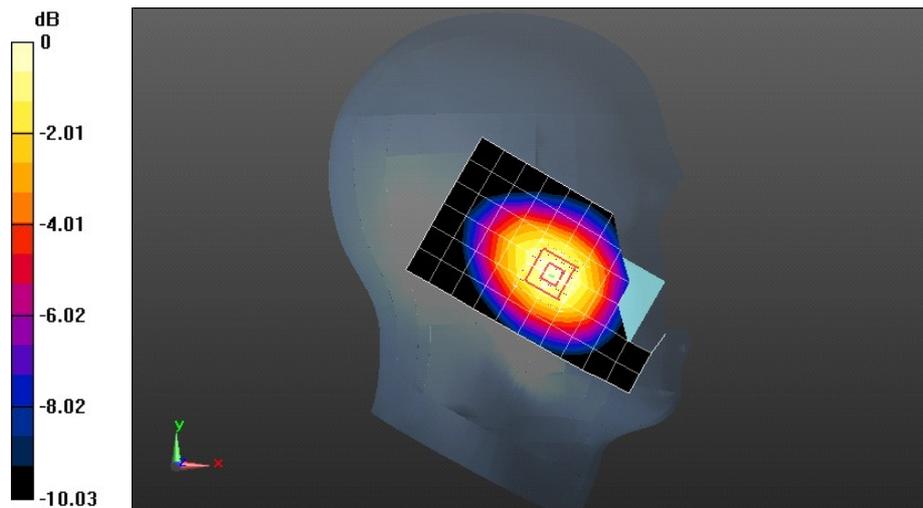
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.085 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.582 W/kg

Maximum value of SAR (measured) = 0.857 W/kg



0 dB = 0.857 W/kg = -0.67 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 190CH Towards Phantom 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.761 W/kg

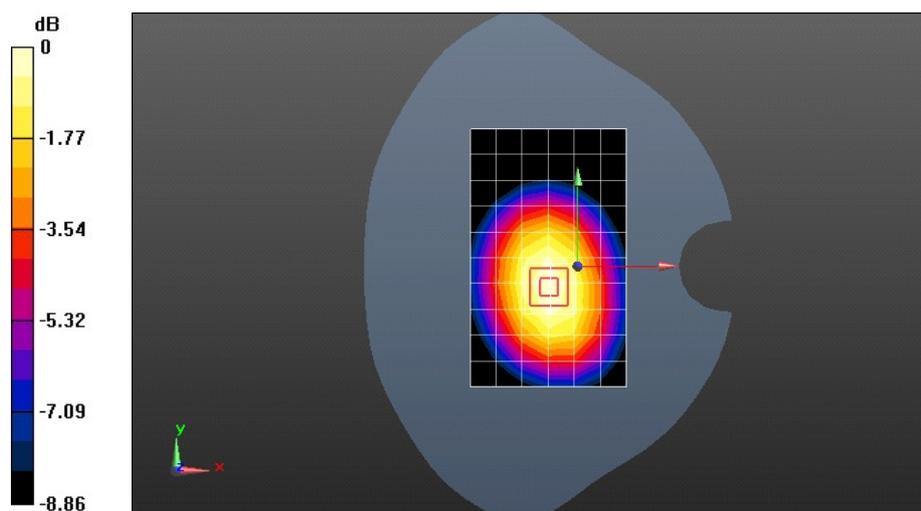
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 27.372 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.932 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.522 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg = -1.20 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 251CH Towards Ground 15mm**DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 55.931$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

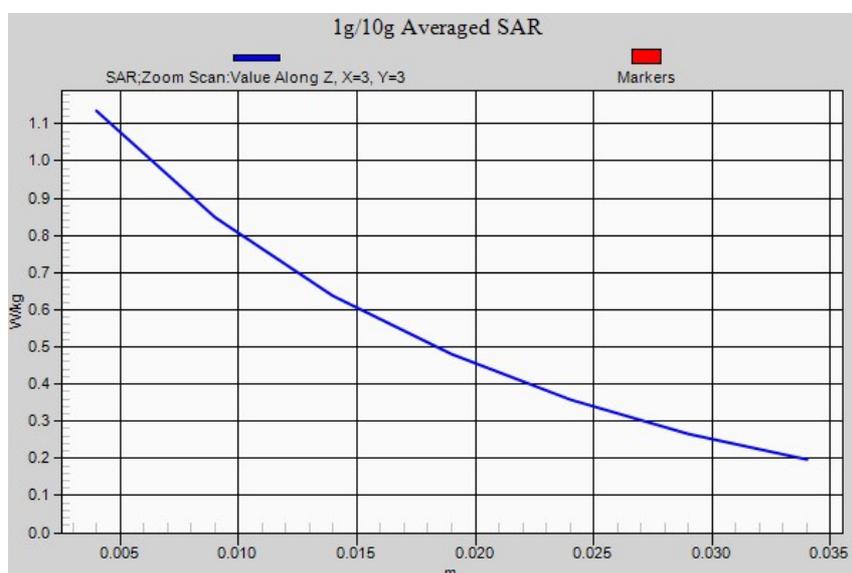
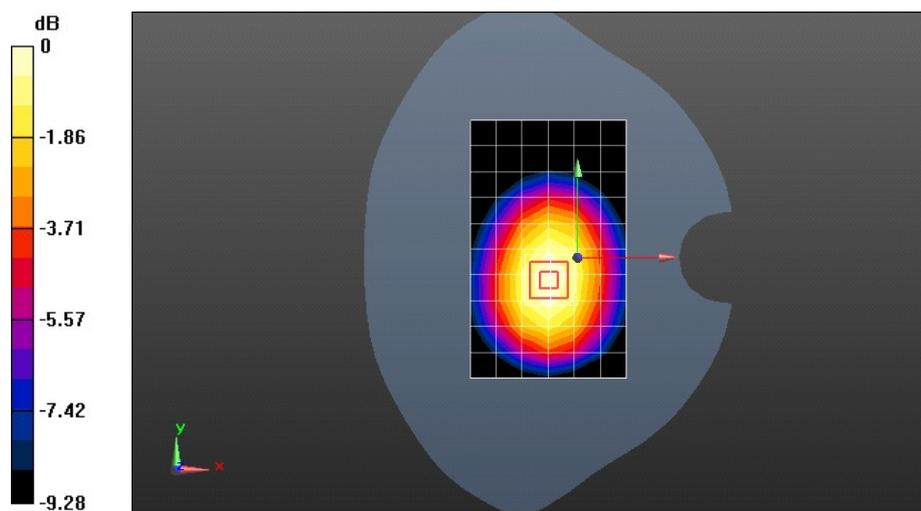
Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.13 W/kg

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

Reference Value = 32.707 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.773 W/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 251CH Towards Ground 15mm Repeated

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 55.931$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.12 W/kg

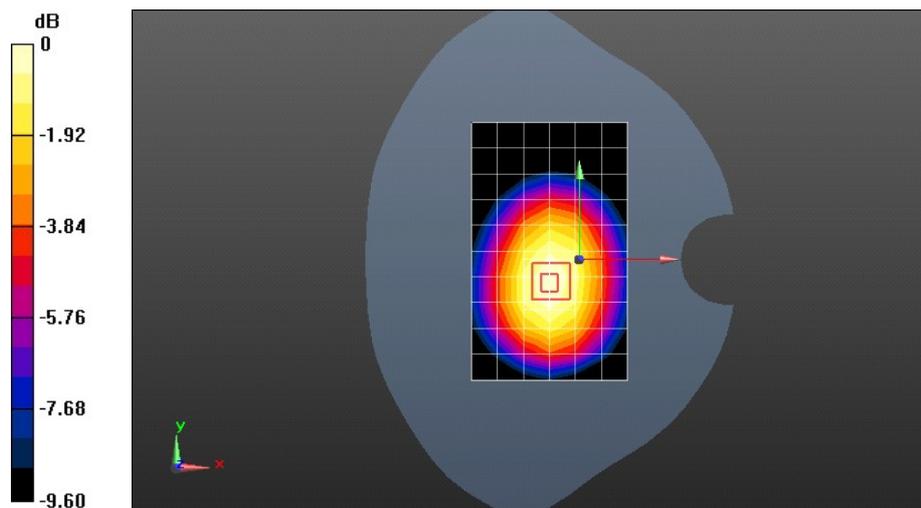
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.733 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.766 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.52 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 190CH Towards Ground 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 56.056$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.08 W/kg

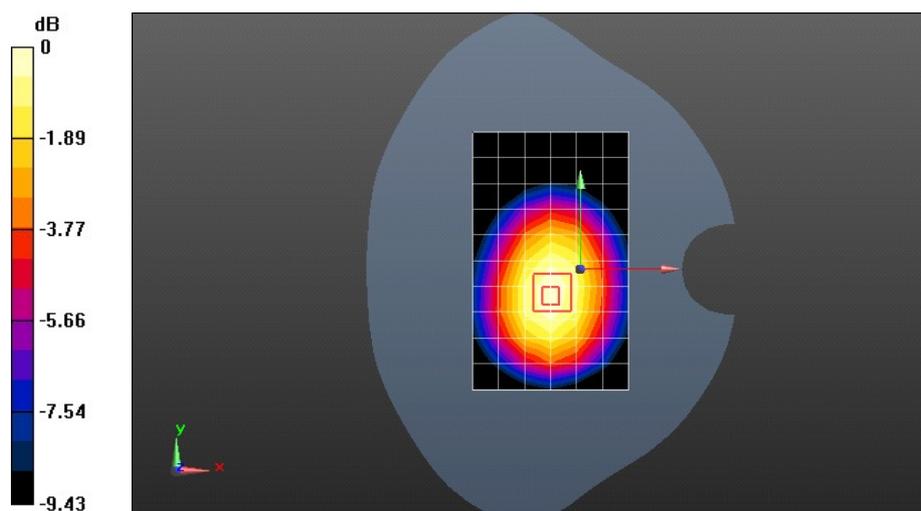
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.244 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.745 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 128CH Towards Ground 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 824$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 56.101$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.987 W/kg

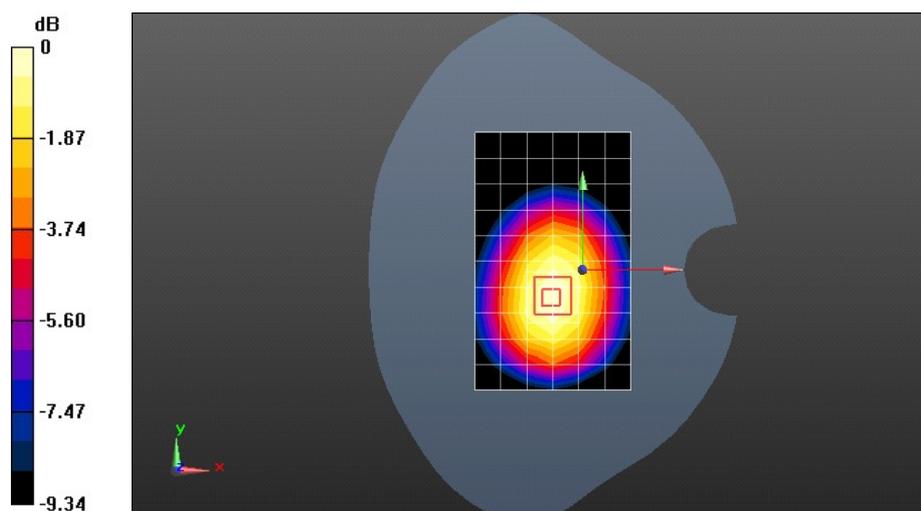
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.789 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.683 W/kg

Maximum value of SAR (measured) = 0.998 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM850 251CH Towards Ground 15mm with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 55.931$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.03 W/kg

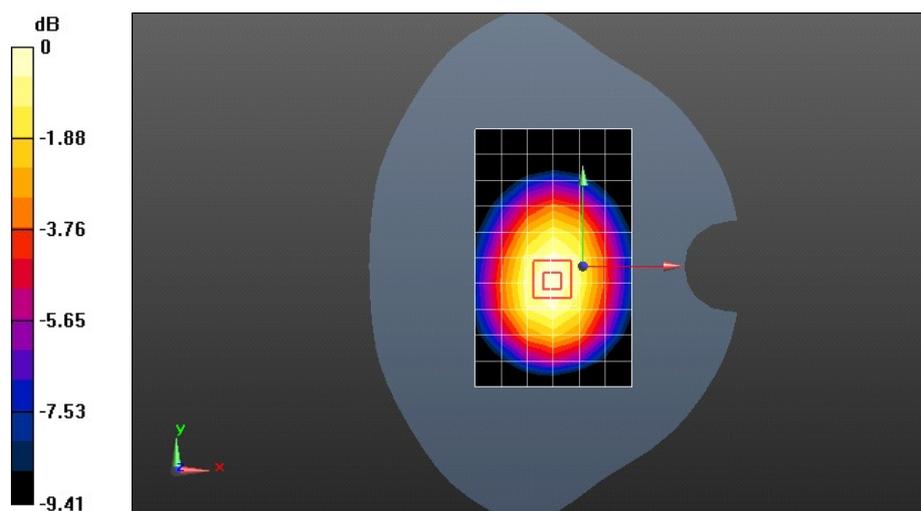
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.151 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.701 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.455 W/kg

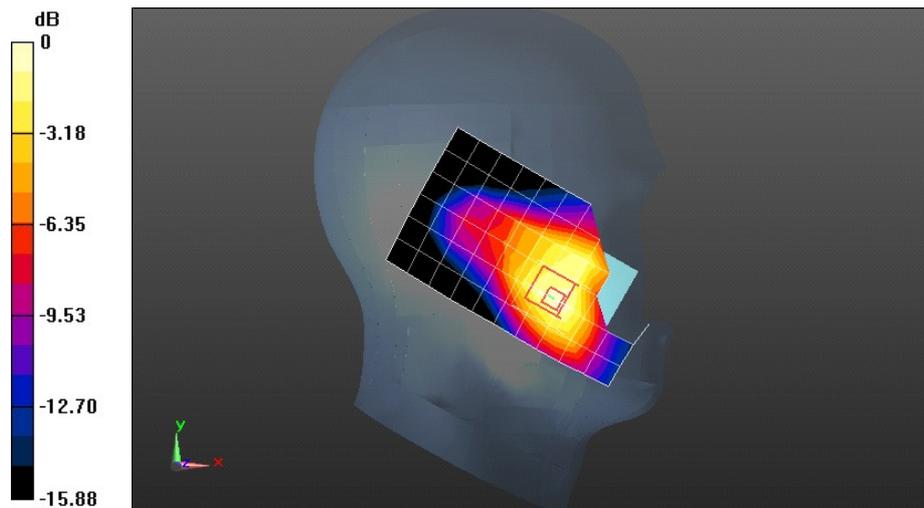
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.251 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Left hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

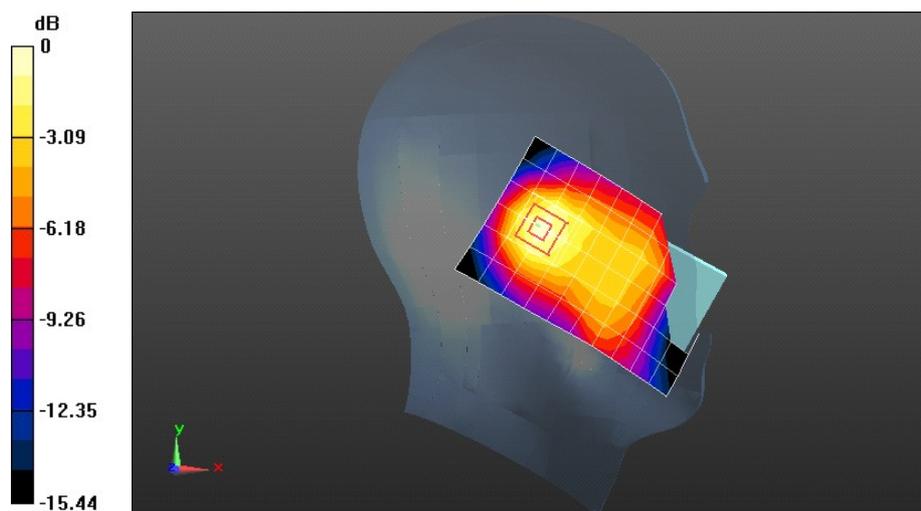
Maximum value of SAR (measured) = 0.123 W/kg

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

Reference Value = 8.898 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.069 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Right hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.573 W/kg

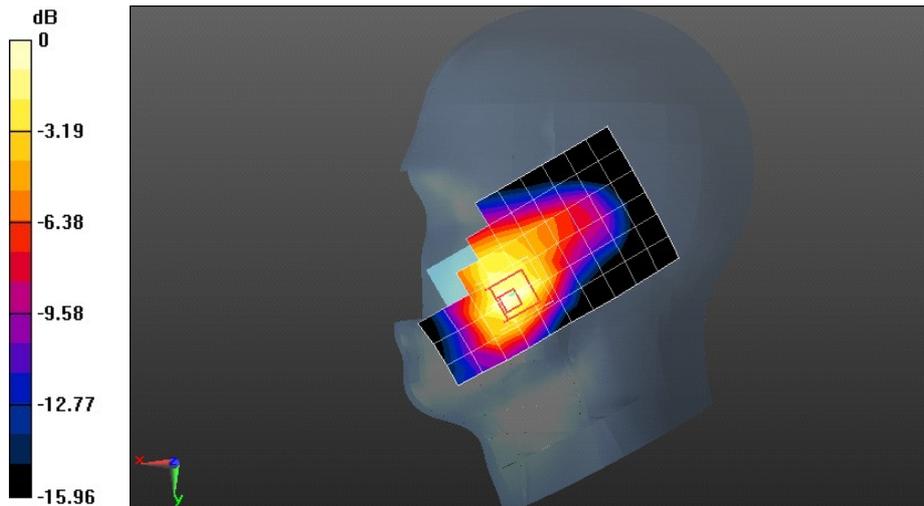
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.120 V/m; Power Drift = -0.01 dB

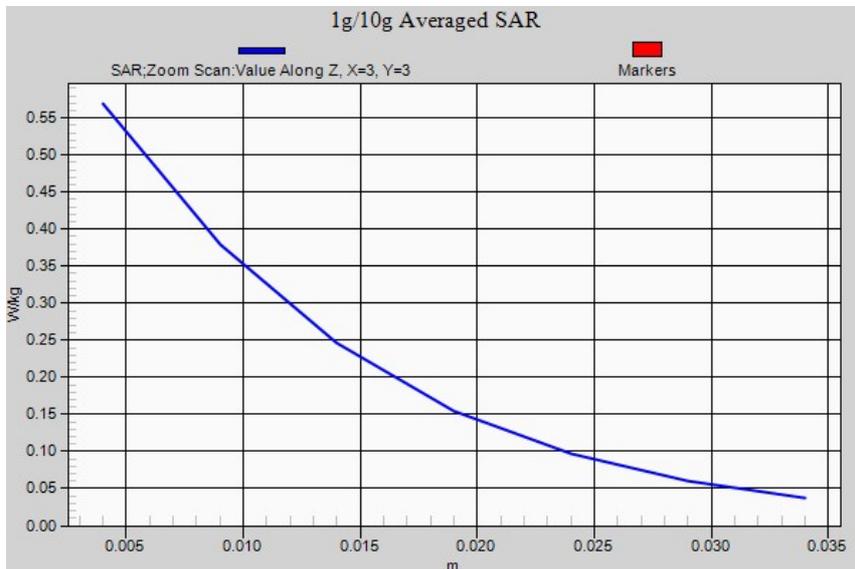
Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.569 W/kg



0 dB = 0.569 W/kg = -2.45 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Right hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

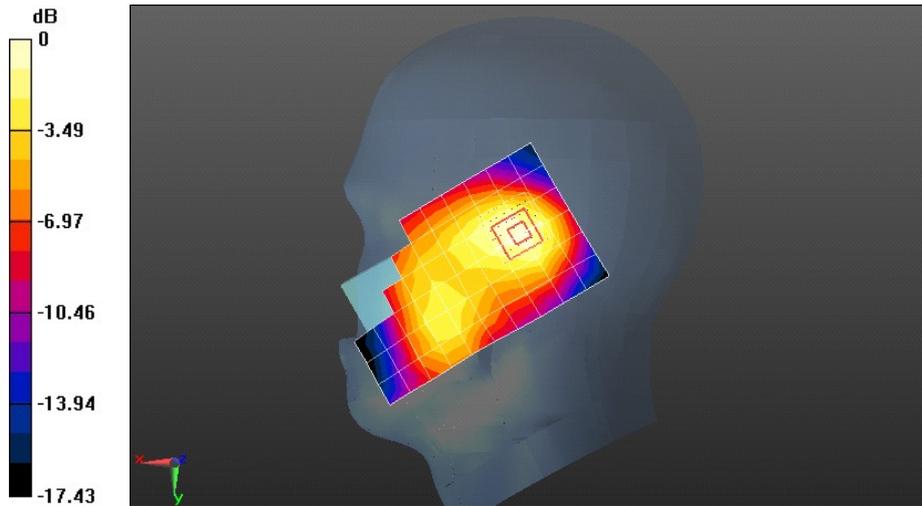
Maximum value of SAR (measured) = 0.128 W/kg

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

Reference Value = 9.246 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.072 W/kg



0 dB = 0.128 W/kg = -8.94 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Right hand touch cheek with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.529 W/kg

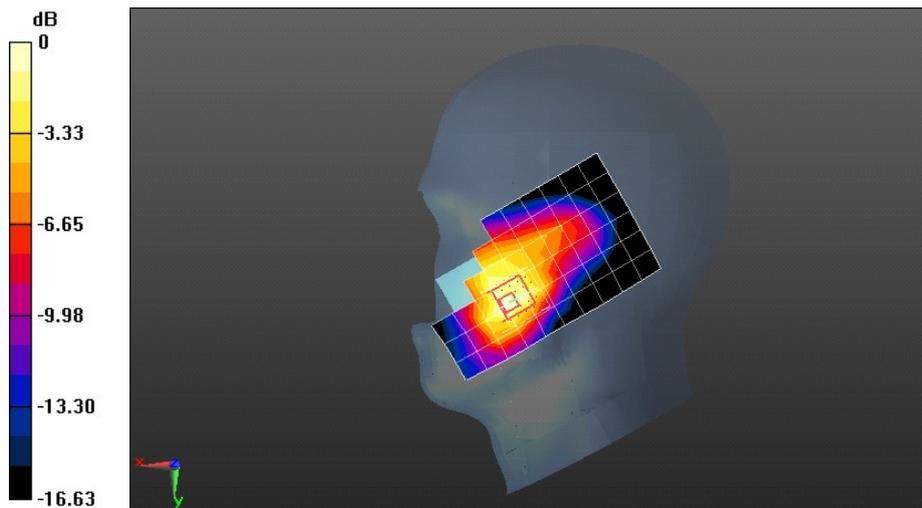
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.851 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.524 W/kg = -2.81 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Towards Phantom 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 54.215$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.244 W/kg

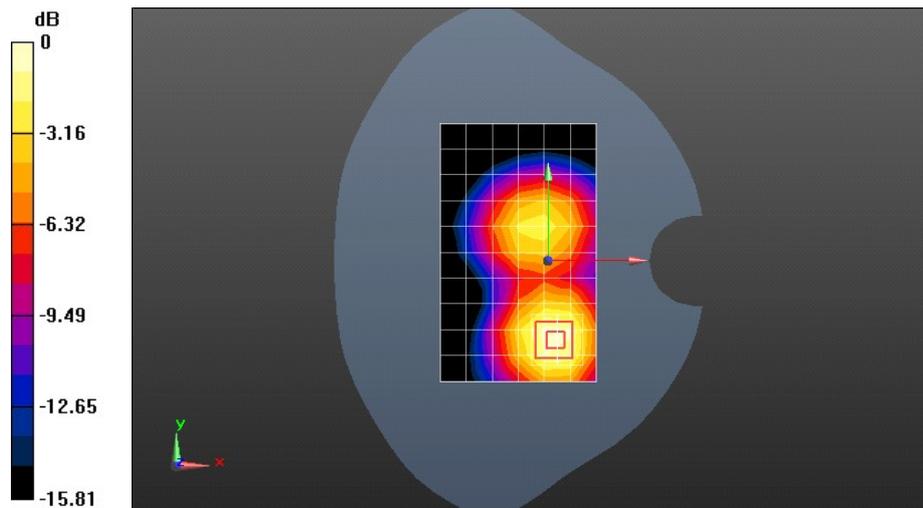
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.880 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.52 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Towards Ground 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 54.215$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.456 W/kg

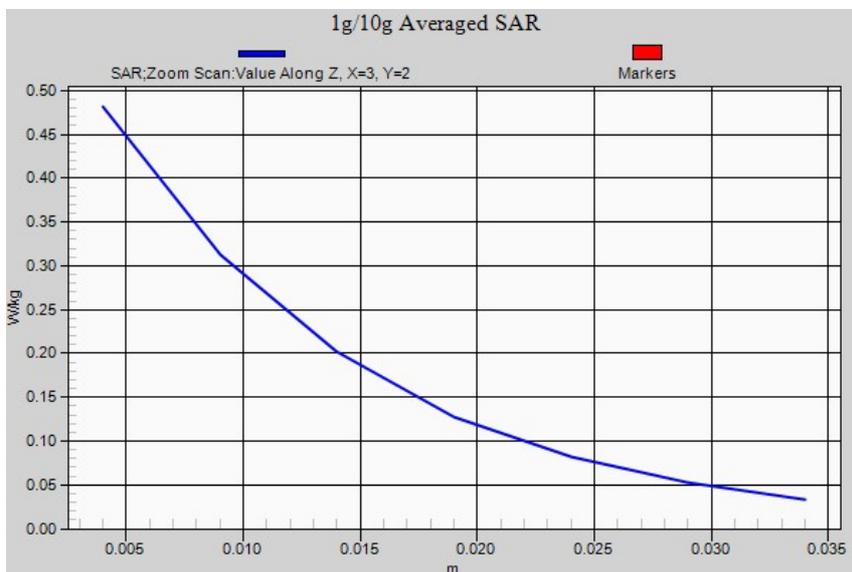
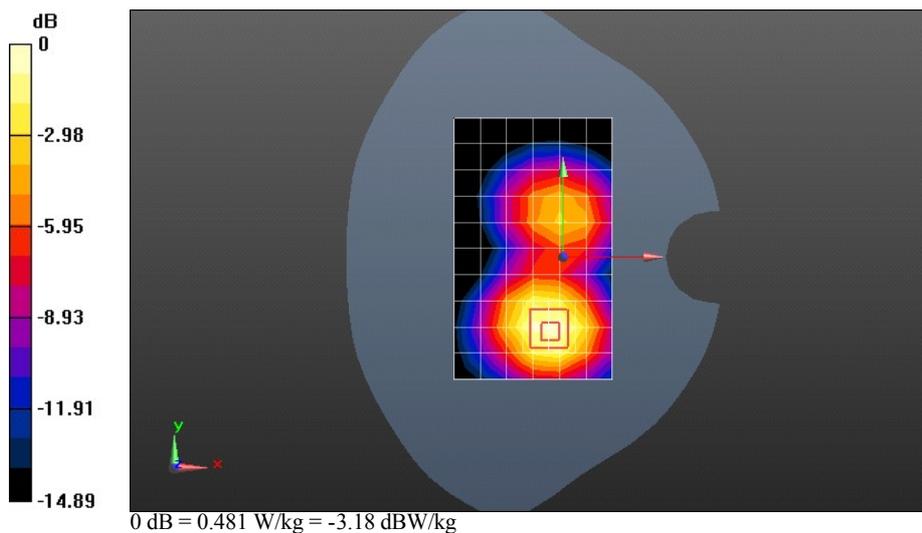
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.053 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.481 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 GSM1900 661CH Towards Ground 15mm with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

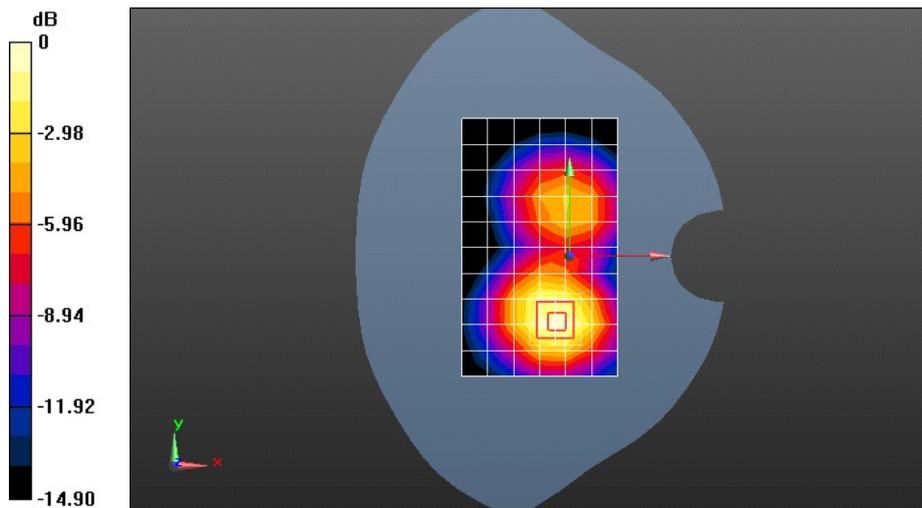
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 54.215$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.436 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.070 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.253 W/kg
 Maximum value of SAR (measured) = 0.457 W/kg



0 dB = 0.457 W/kg = -3.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4233CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

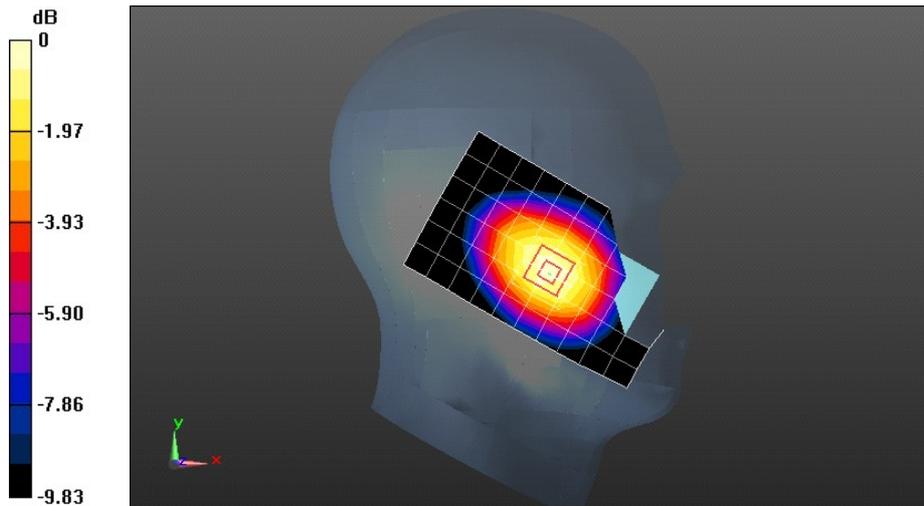
Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 847$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.542$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

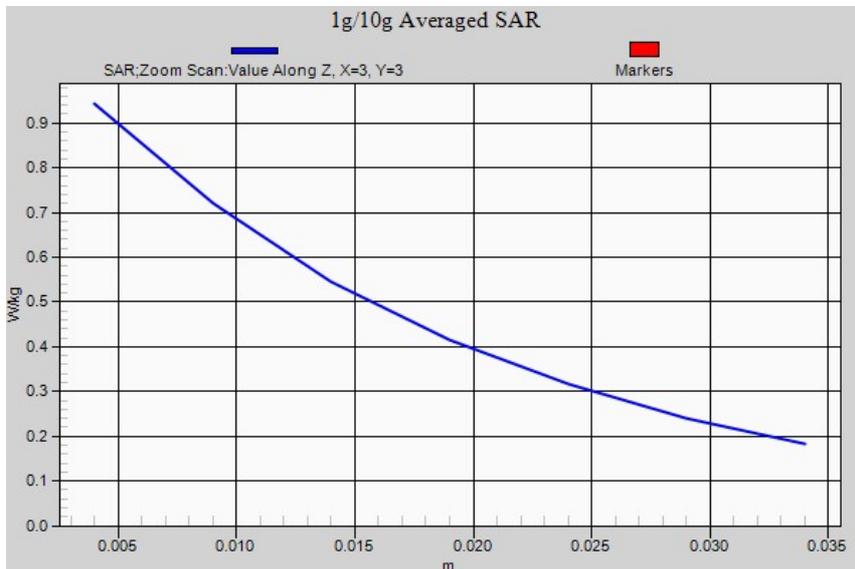
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.901 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 13.758 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.641 W/kg
 Maximum value of SAR (measured) = 0.943 W/kg



0 dB = 0.943 W/kg = -0.25 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4233CH Left hand touch cheek Repeated

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.542$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.876 W/kg

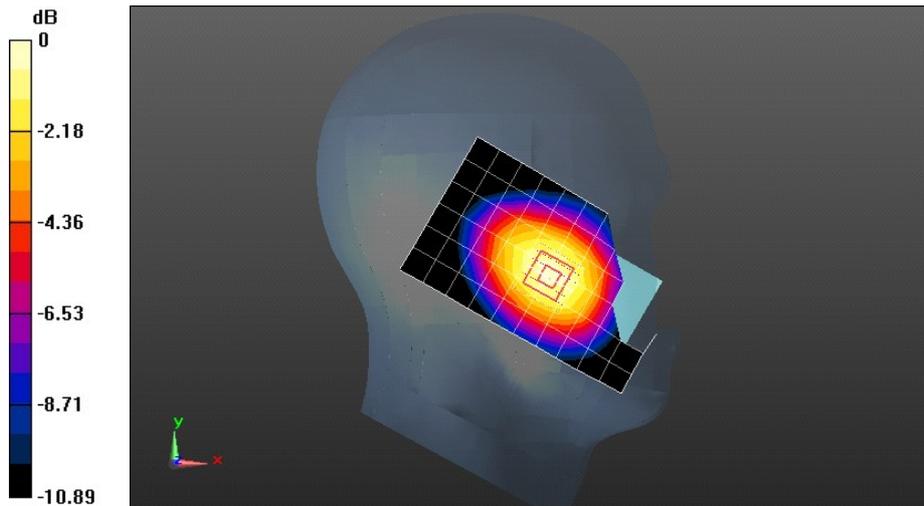
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.508 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.618 W/kg

Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933 W/kg = -0.30 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.681$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.842 W/kg

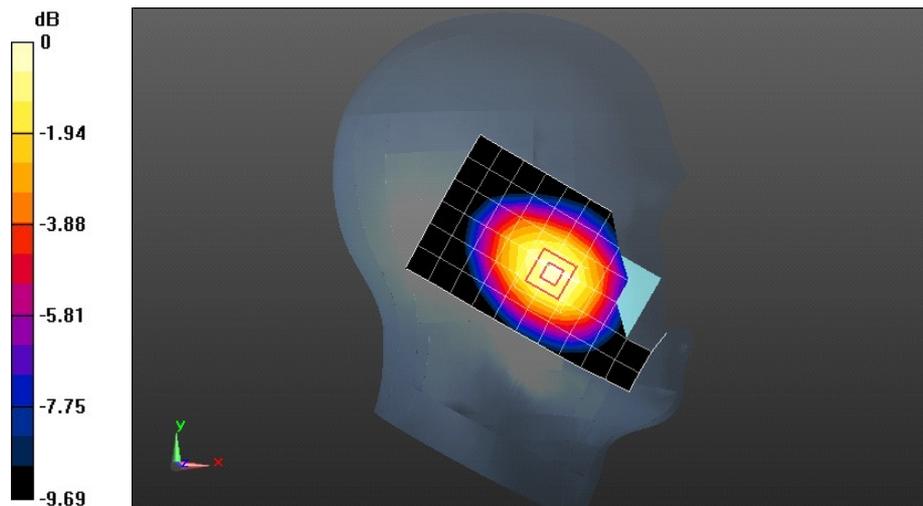
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.436 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.609 W/kg

Maximum value of SAR (measured) = 0.890 W/kg



0 dB = 0.890 W/kg = -0.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4132CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 826$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 40.464$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.797 W/kg

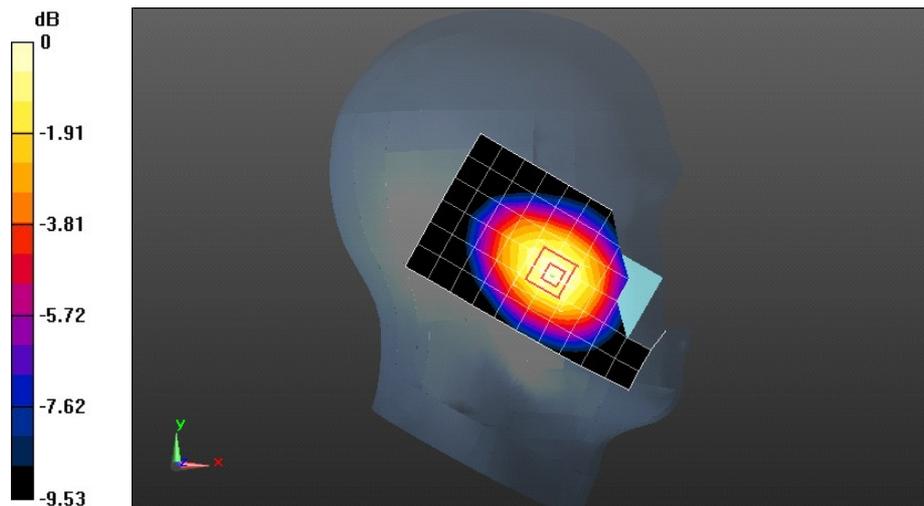
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.223 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.571 W/kg

Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835 W/kg = -0.78 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Left hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.681$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.472 W/kg

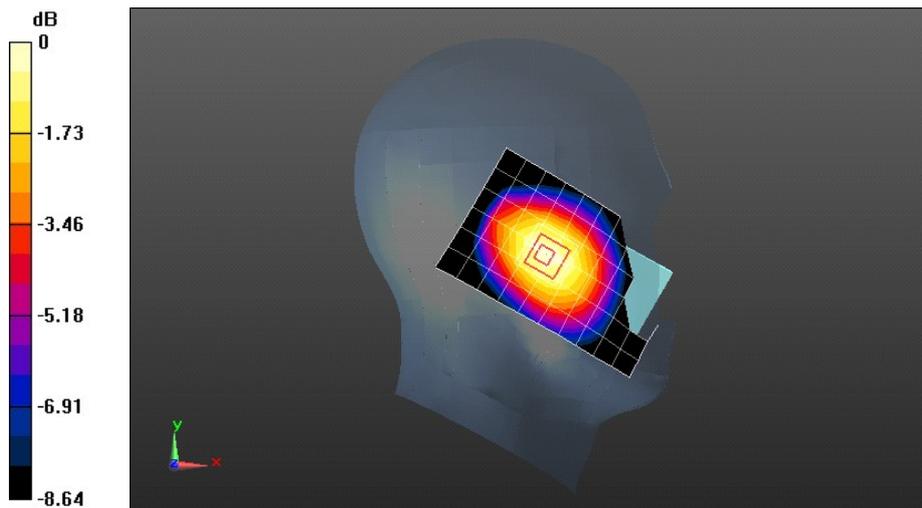
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.377 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kg = -3.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4233CH Right hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.542$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.817 W/kg

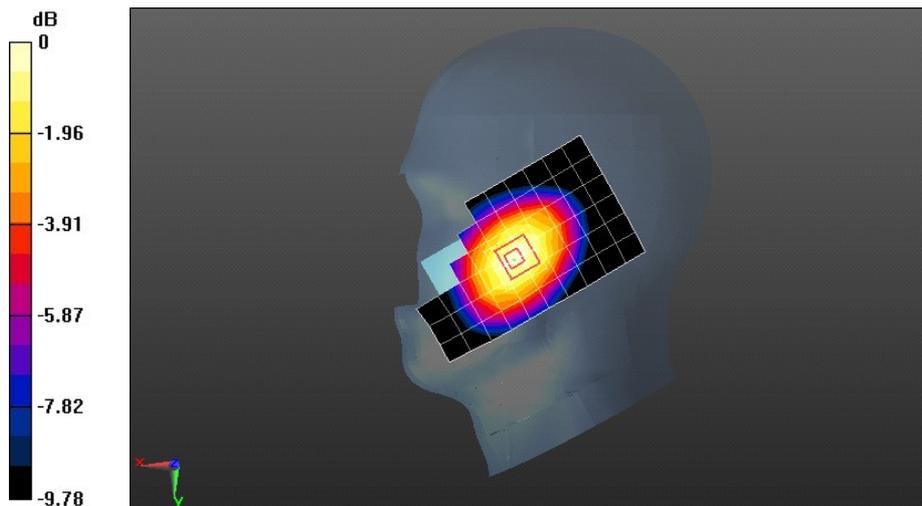
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.376 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.575 W/kg

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Right hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.681$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.782 W/kg

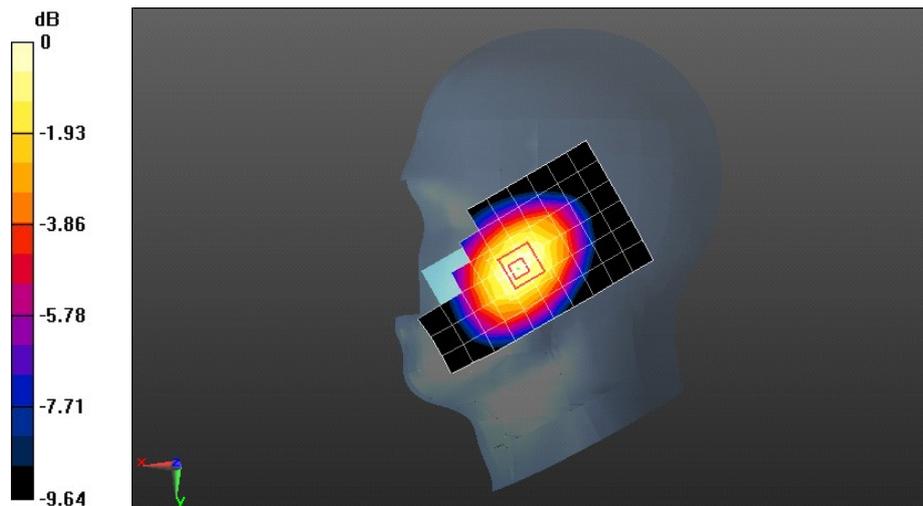
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.343 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.993 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (measured) = 0.812 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4132CH Right hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 826$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 40.464$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.720 W/kg

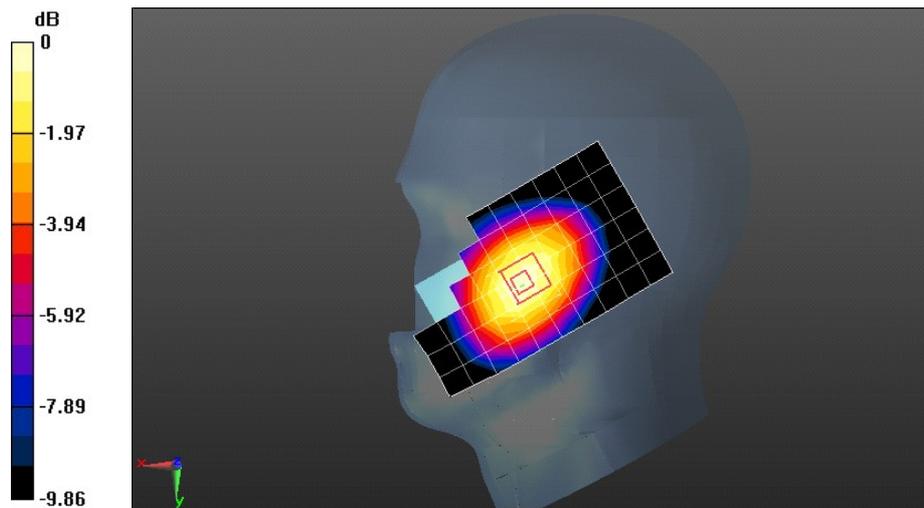
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.983 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.510 W/kg

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Right hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 40.681$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.464 W/kg

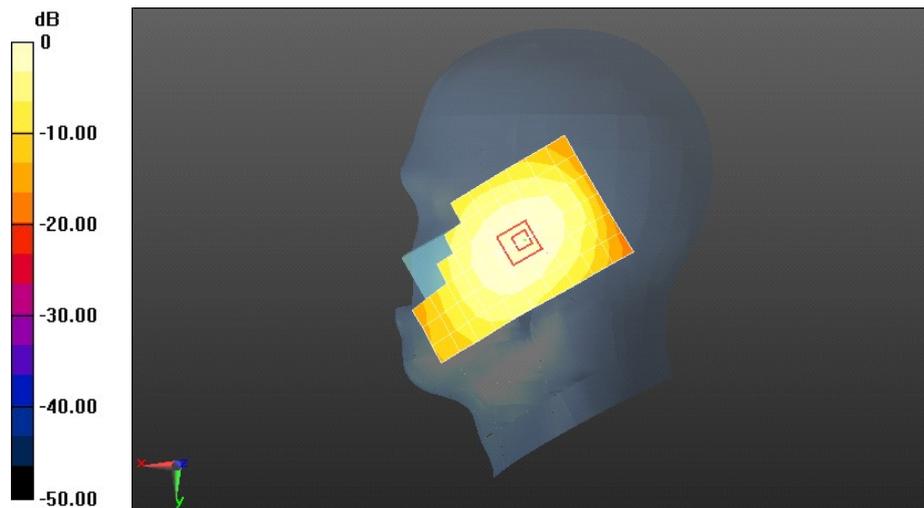
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.172 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.469 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4233CH Left hand touch cheek with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.542$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.897 W/kg

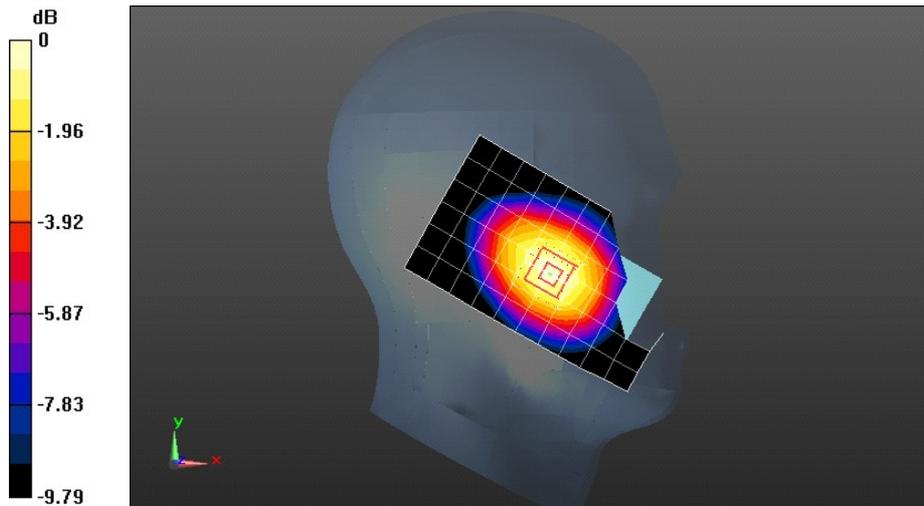
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.798 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.630 W/kg

Maximum value of SAR (measured) = 0.925 W/kg



0 dB = 0.925 W/kg = -0.34 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Towards Phantom 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 56.067$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.747 W/kg

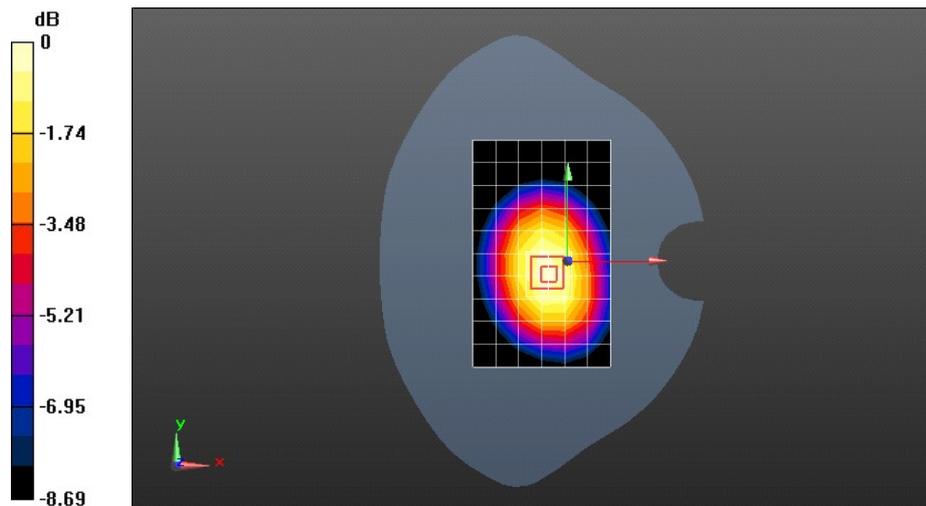
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 27.810 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.535 W/kg

Maximum value of SAR (measured) = 0.770 W/kg



0 dB = 0.770 W/kg = -1.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4233CH Towards Ground 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 1.002$ S/m; $\epsilon_r = 55.95$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

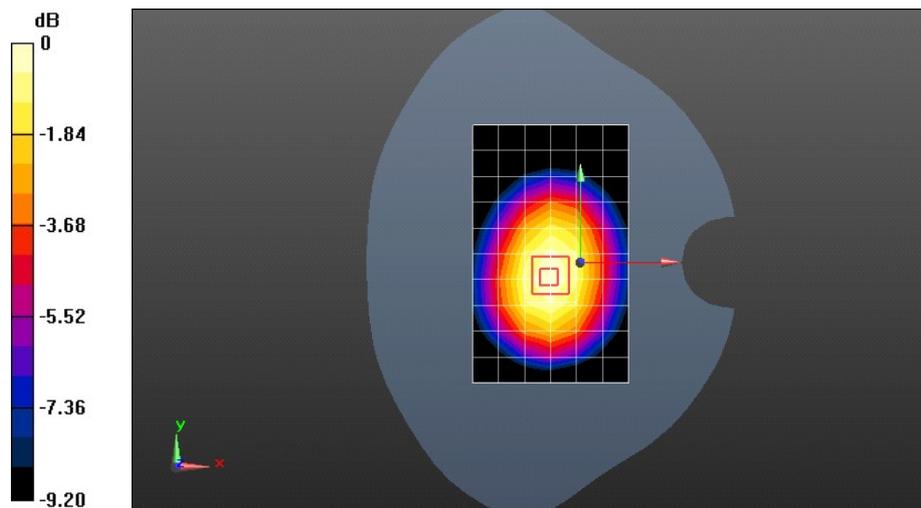
Maximum value of SAR (measured) = 1.01 W/kg

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

Reference Value = 31.713 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.696 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Towards Ground 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

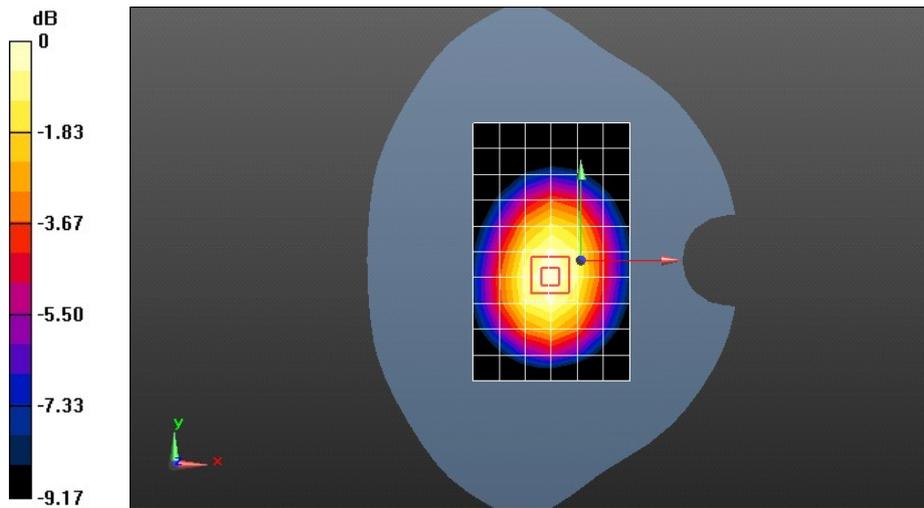
Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.987 \text{ S/m}$; $\epsilon_r = 56.067$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY Configuration:

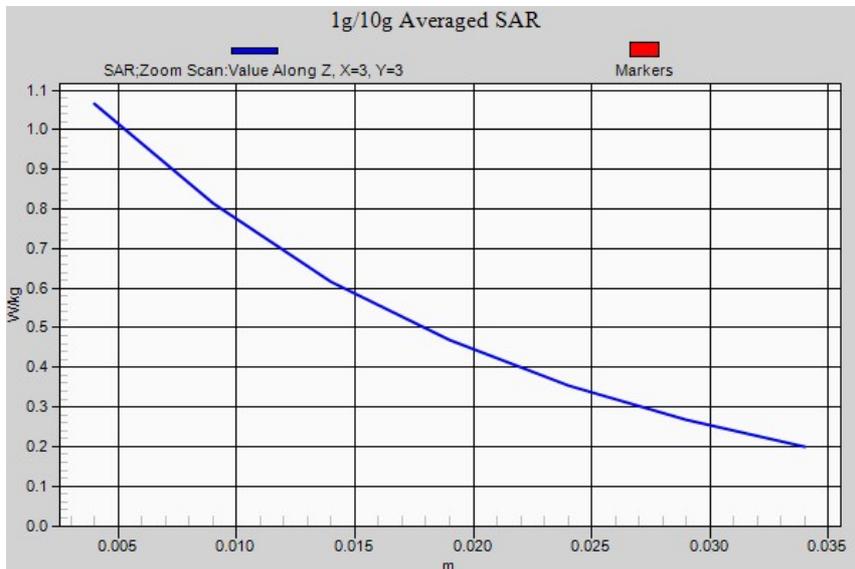
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.06 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 32.673 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.735 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Towards Ground 15mm-Repeated

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

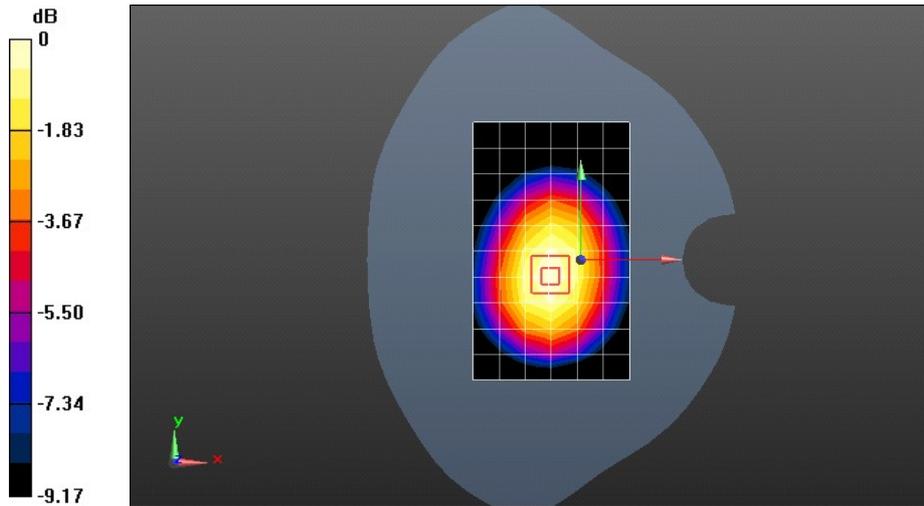
Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836 \text{ MHz}$; $\sigma = 0.987 \text{ S/m}$; $\epsilon_r = 56.067$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY Configuration:

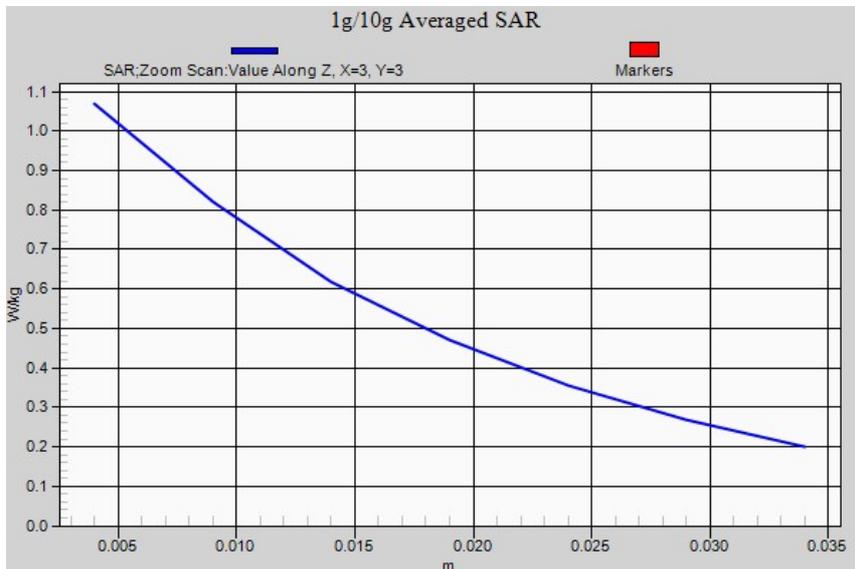
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.07 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 32.784 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.740 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4132CH Towards Ground 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 826$ MHz; $\sigma = 0.978$ S/m; $\epsilon_r = 56.102$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.00 W/kg

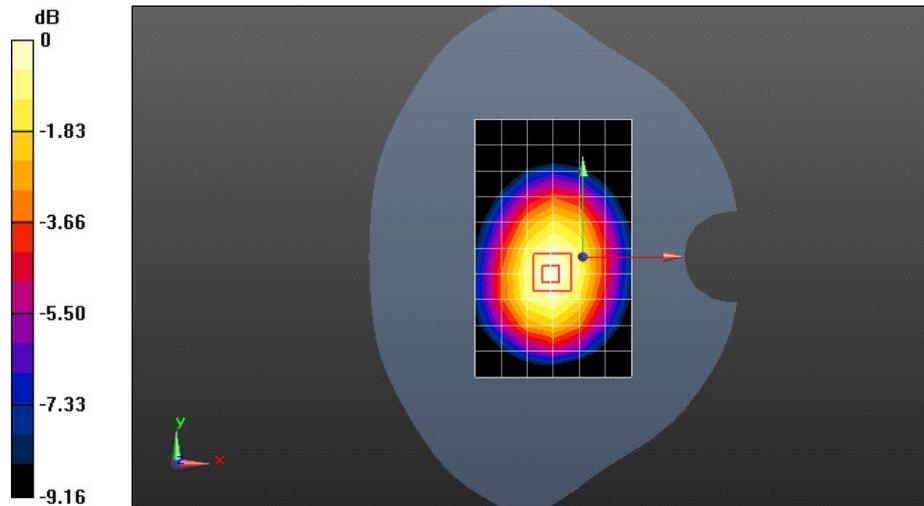
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 31.853 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.694 W/kg

Maximum value of SAR (measured) = 0.999 W/kg



0 dB = 0.999 W/kg = -0.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band V 4182CH Towards Ground 15mm with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 56.067$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

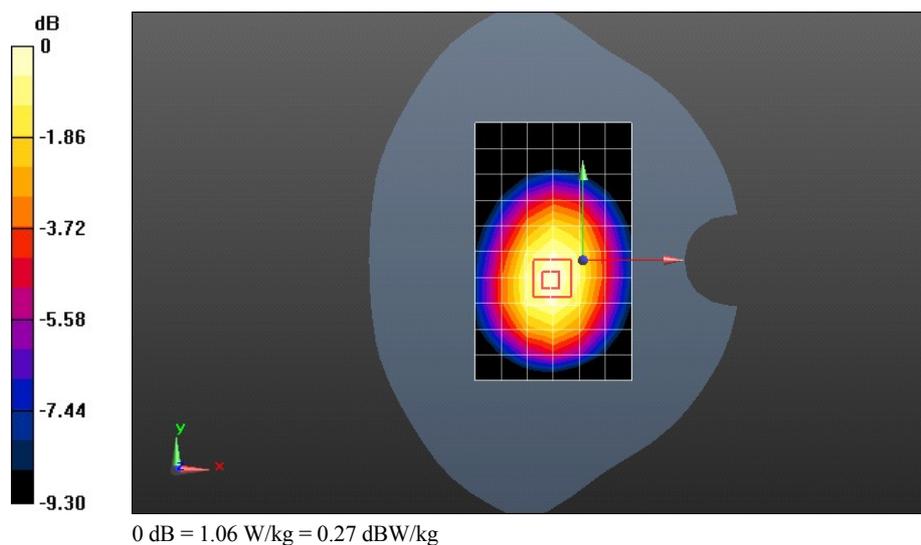
Maximum value of SAR (measured) = 1.06 W/kg

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

Reference Value = 32.223 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.734 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9538CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.887$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.749 W/kg

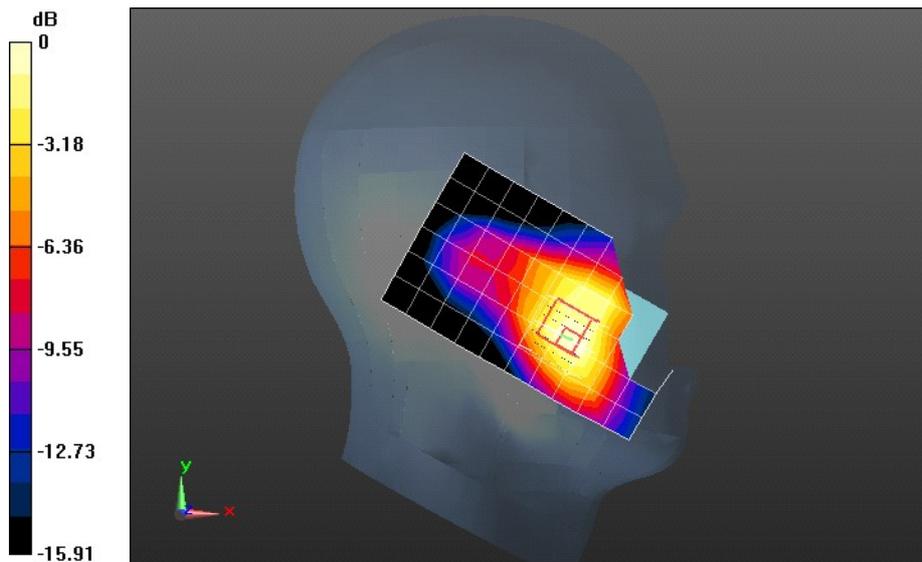
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.447 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.804 W/kg



0 dB = 0.804 W/kg = -0.94 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.830 W/kg

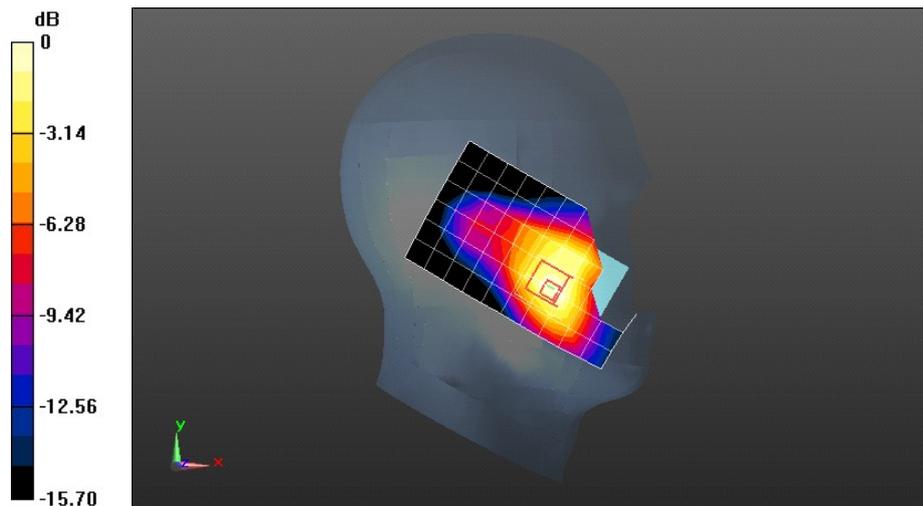
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.194 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.488 W/kg

Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.884 W/kg = -0.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9262CH Left hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 41.057$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.636 W/kg

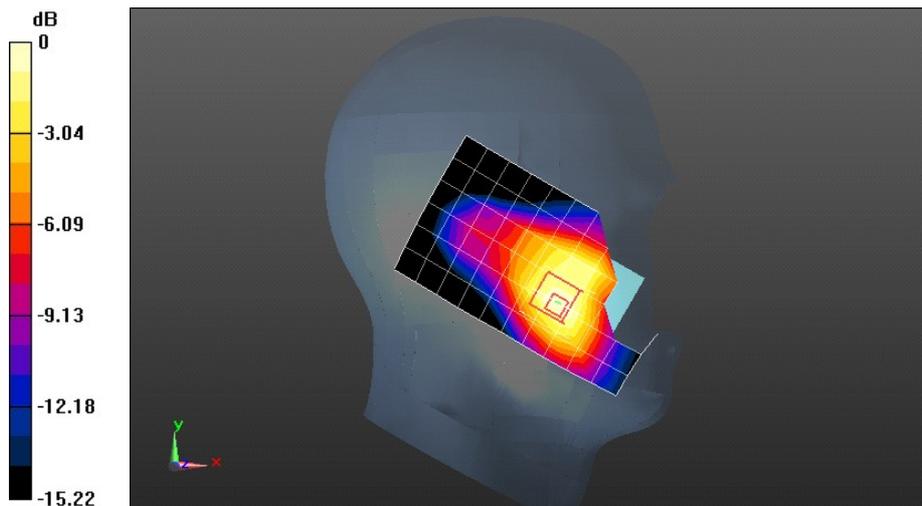
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.851 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 0.678 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Left hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.215 W/kg

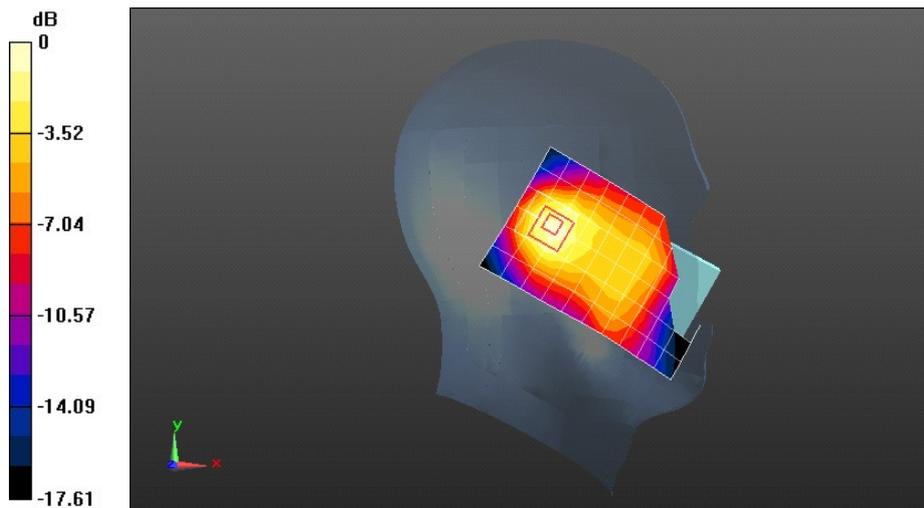
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.572 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.63 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9538CH Right hand touch check

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.887$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.837 W/kg

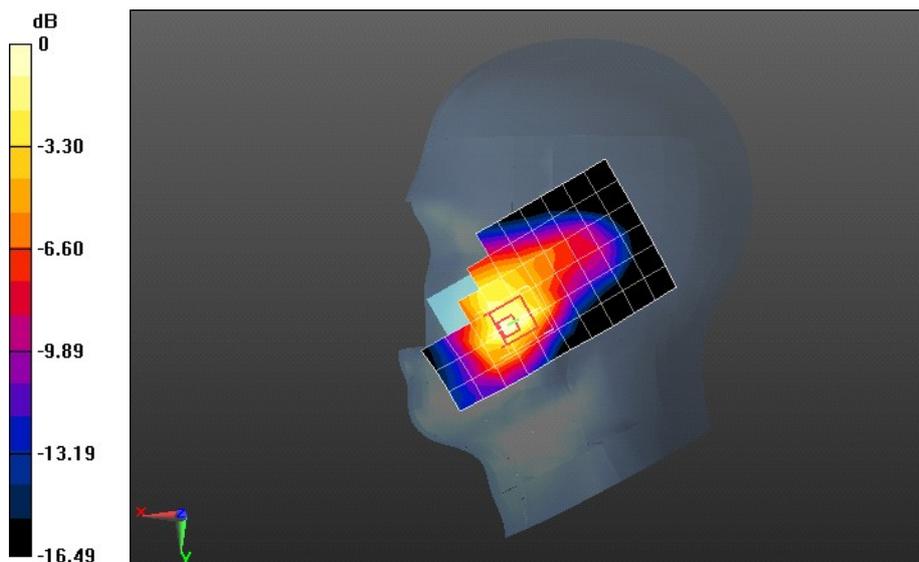
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.531 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.463 W/kg

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Right hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.938 W/kg

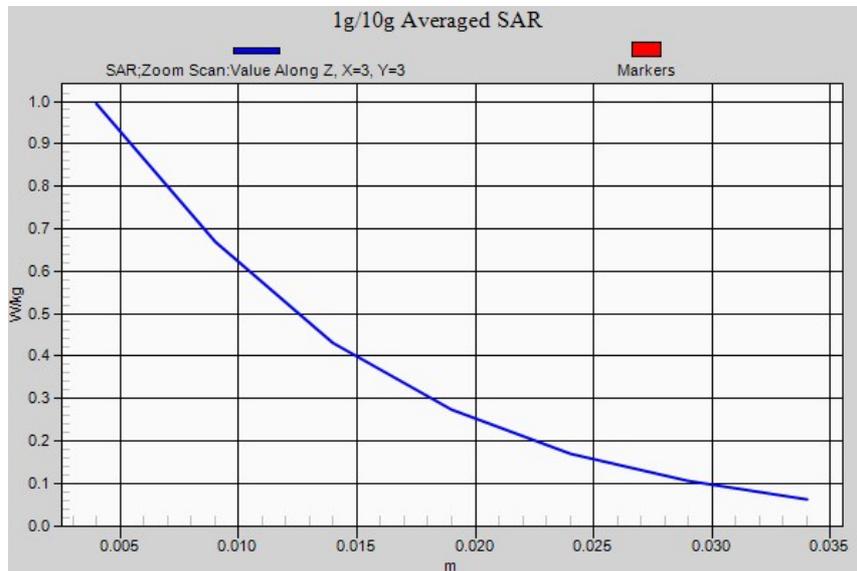
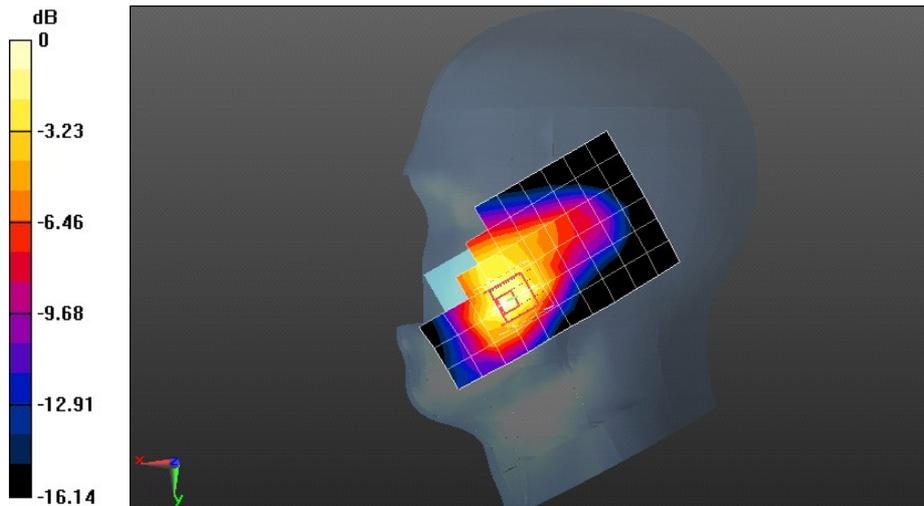
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.192 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.524 W/kg

Maximum value of SAR (measured) = 0.994 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Right hand touch cheek Repeated

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.925 W/kg

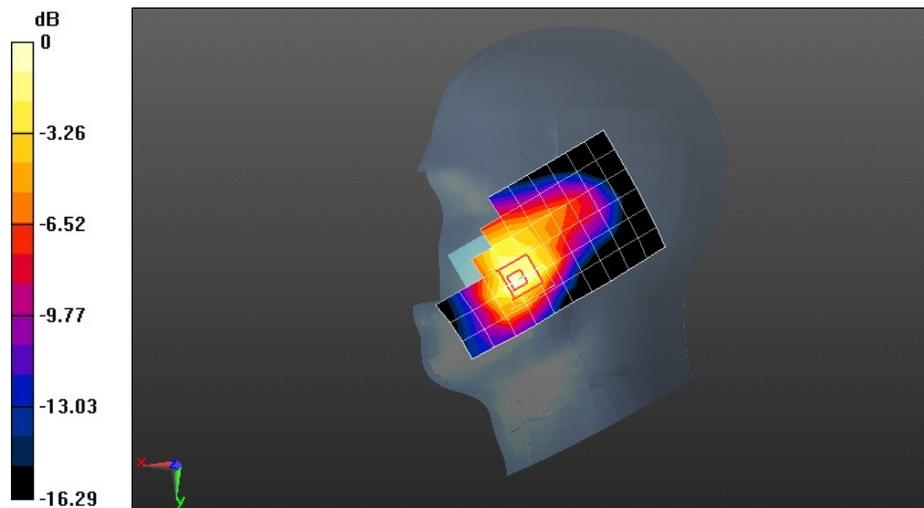
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.779 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 0.957 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9262CH Right hand touch cheek

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 41.057$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.783 W/kg

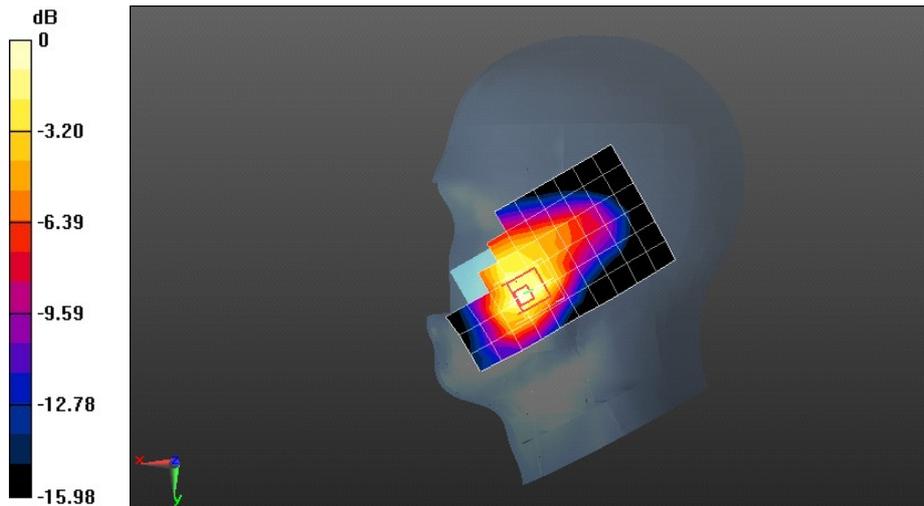
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.348 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 0.792 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Right hand tilt 15 degree

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.212 W/kg

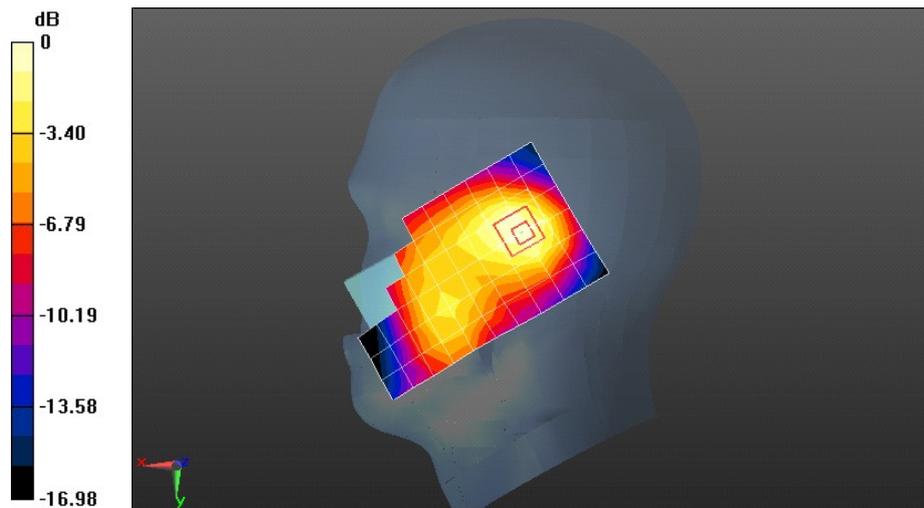
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.726 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Right hand touch cheek with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.958$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.26, 5.26, 5.26); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.895 W/kg

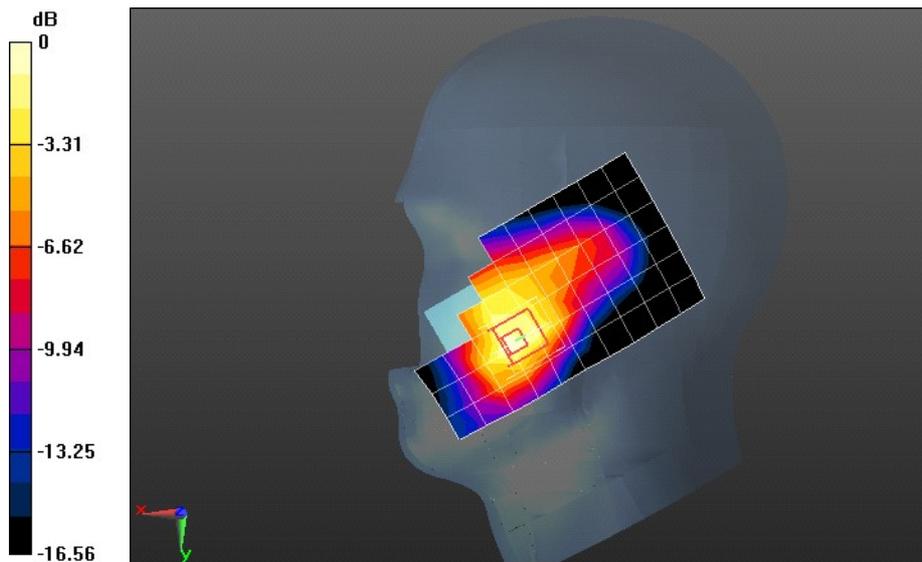
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.166 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.507 W/kg

Maximum value of SAR (measured) = 0.949 W/kg



0 dB = 0.949 W/kg = -0.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Towards Phantom 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 54.215$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.483 W/kg

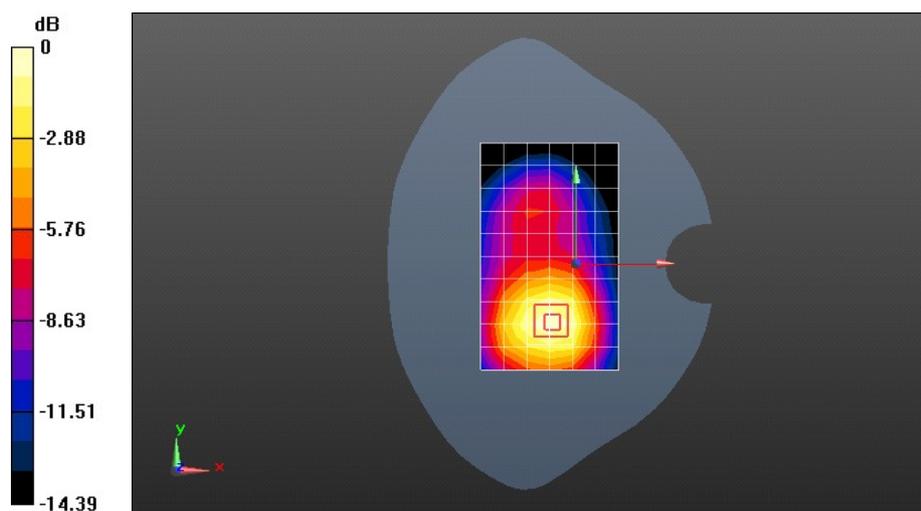
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.718 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.482 W/kg = -3.17 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Towards Ground 15mm

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 54.215$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.545 W/kg

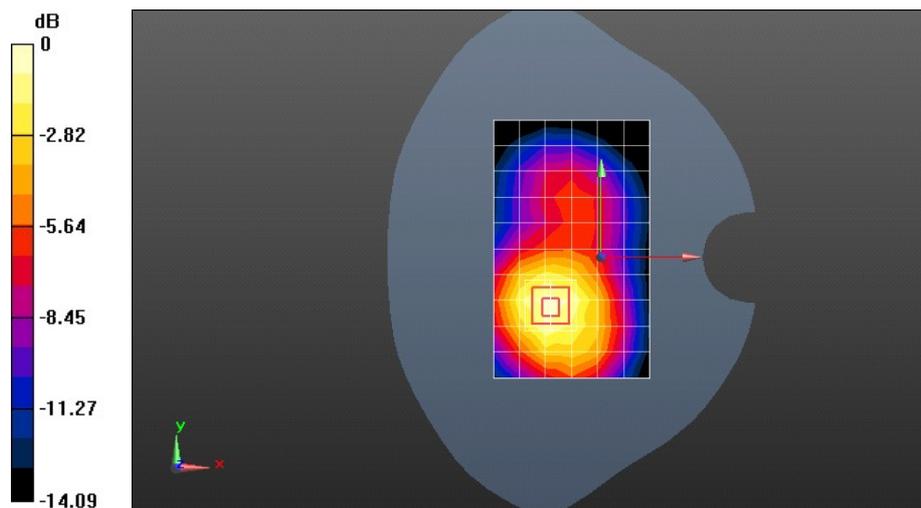
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.197 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg = -2.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

U5130-5 UMTS Band II 9400CH Towards Ground 15mm with battery 2#

DUT: HUAWEI U5130-5; Type: HSDPA/HSUPA/UMTS/GSM/GPRS/EDGE Mobile Phone with Bluetooth; Serial: SAR1

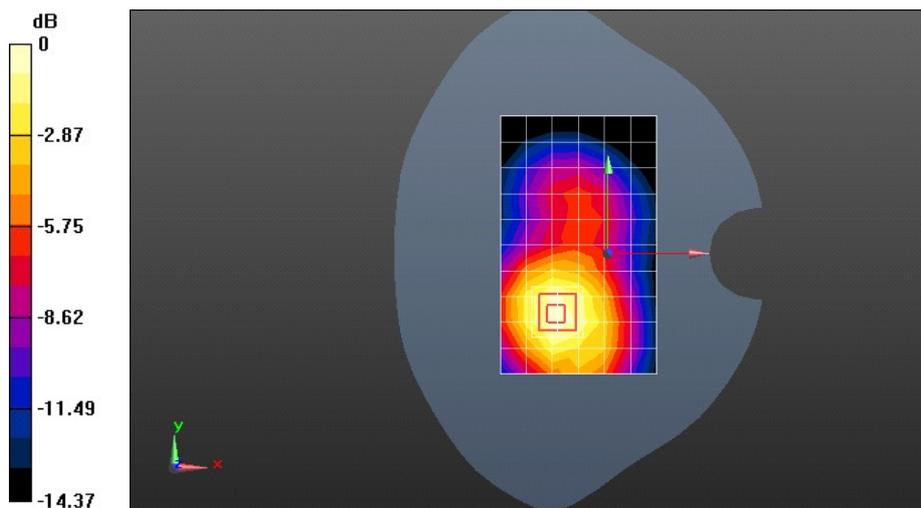
Communication System: HW-UMTS-FDD(WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 54.215$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.86, 4.86, 4.86); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.581 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 10.600 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 0.890 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.350 W/kg
 Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

