



Appendix B. SAR Measurement Plots

Table of contents
CDMA BC0 Head
CDMA BC0 Body
CDMA BC1 Head
CDMA BC1 Body
WiFi 2450MHz Head
WiFi 2450MHz Body

Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Left hand touch cheek

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ mho/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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.497 W/kg

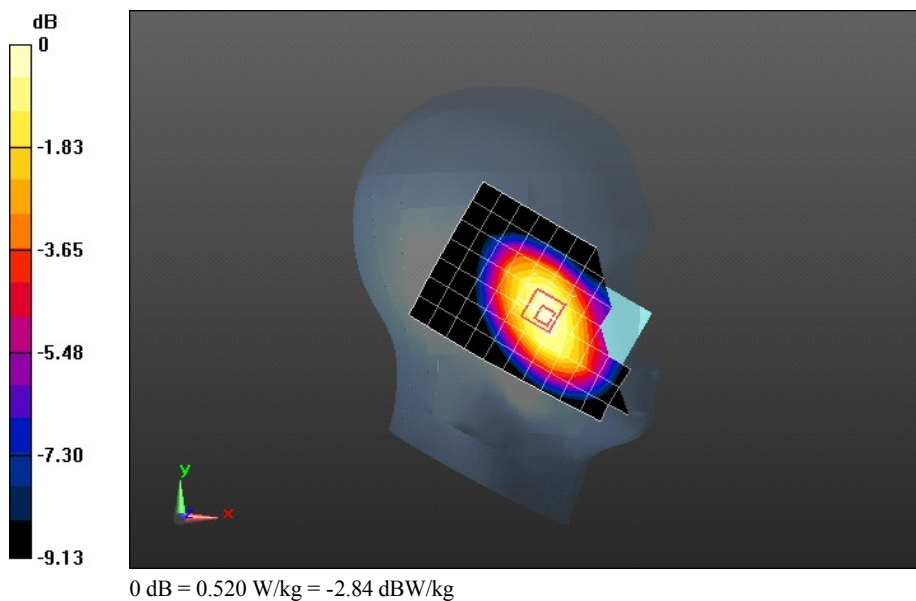
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.053 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 0.520 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Left hand tilt 15 degree

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ mho/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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.367 W/kg

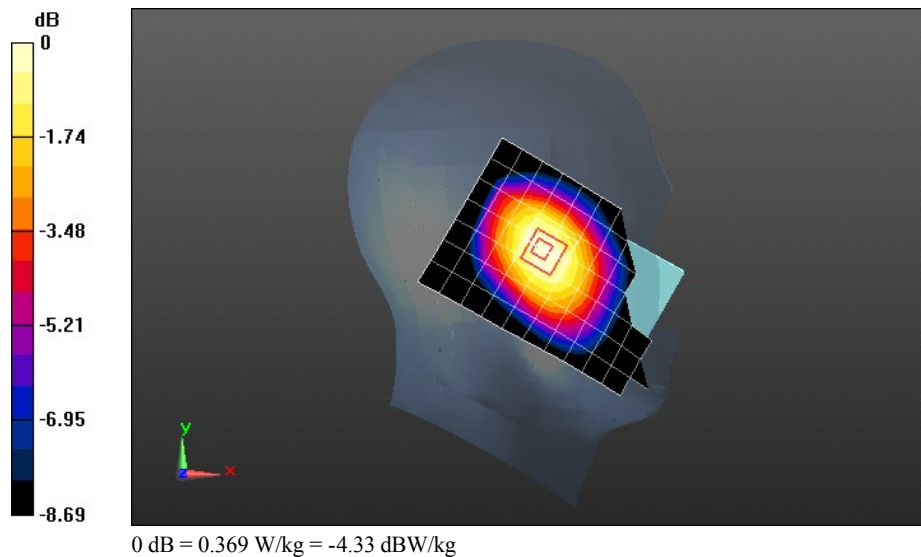
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.736 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.369 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Right hand touch cheek

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ mho/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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.536 W/kg

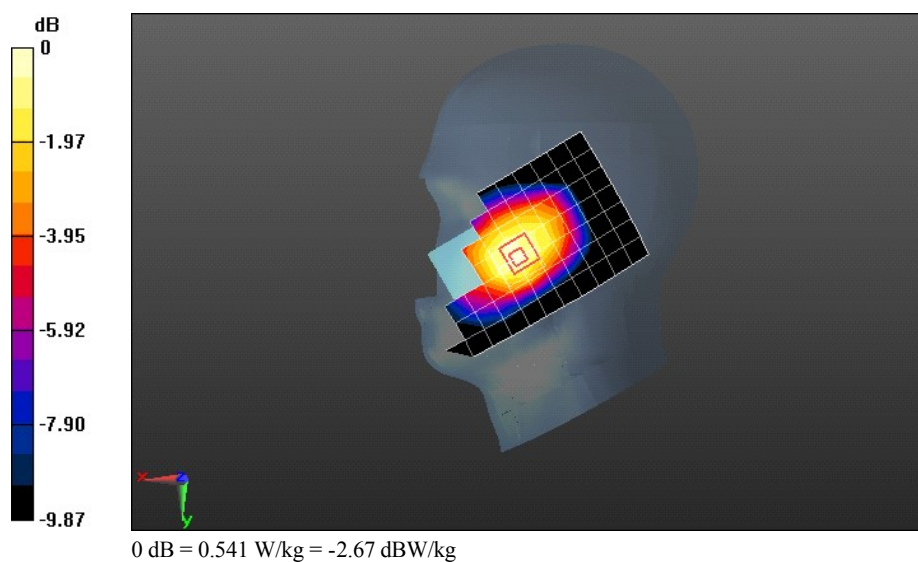
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.412 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.640 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.385 W/kg

Maximum value of SAR (measured) = 0.541 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Right hand tilt 15 degree

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ mho/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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.400 W/kg

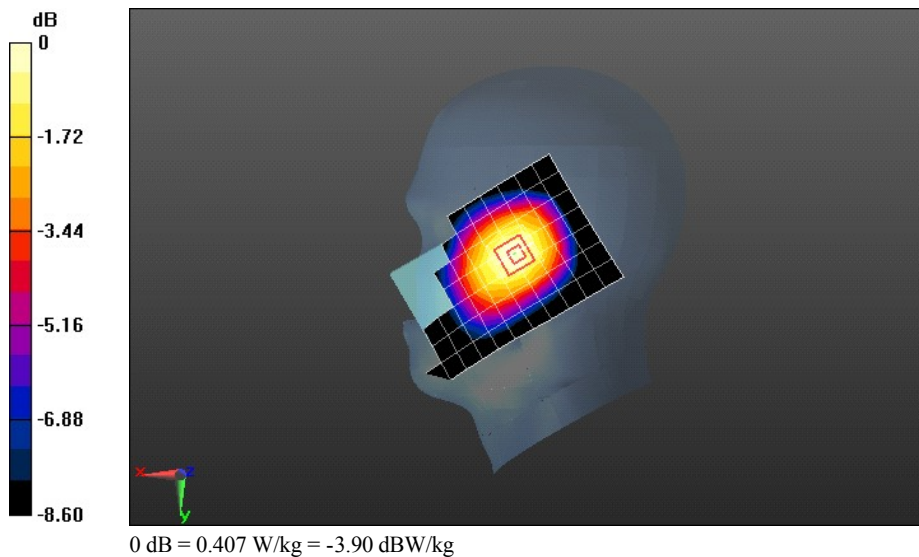
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.315 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 0.407 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Right hand touch cheek with battery 2#

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ mho/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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.537 W/kg

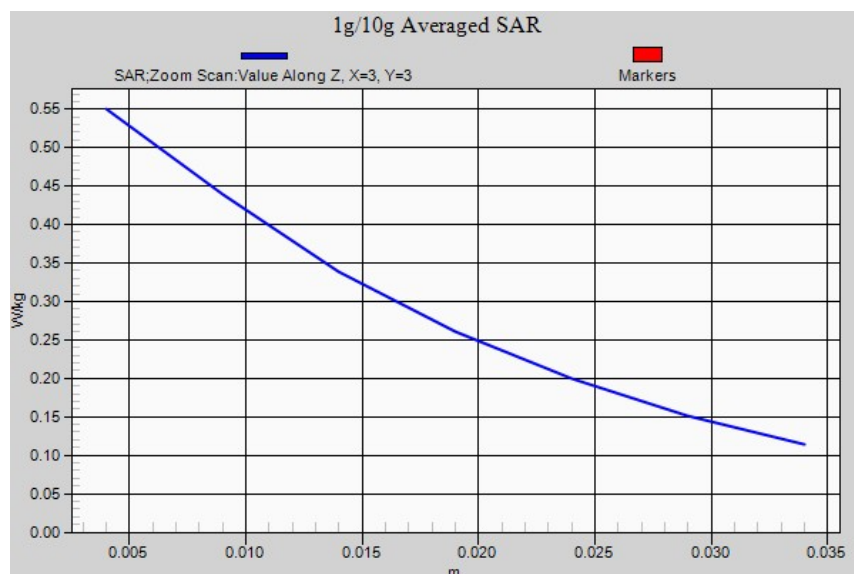
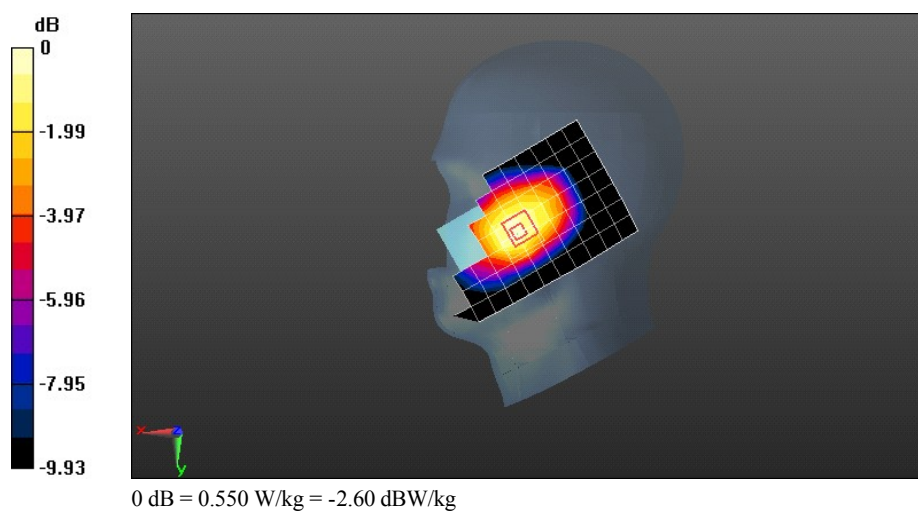
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.142 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 0.550 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Phantom 15mm with 1xRTT

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.534 W/kg

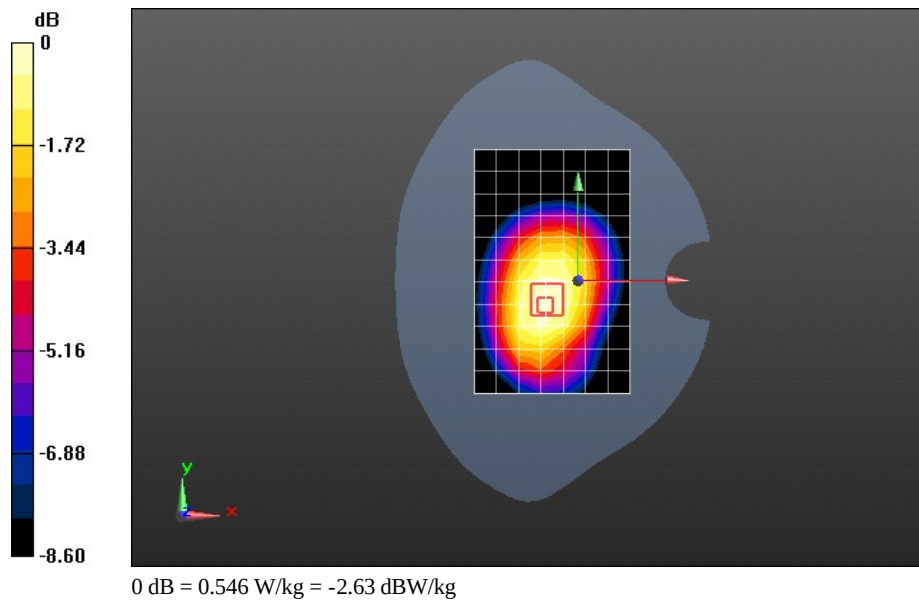
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.304 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.546 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 15mm with 1xRTT

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.609 W/kg

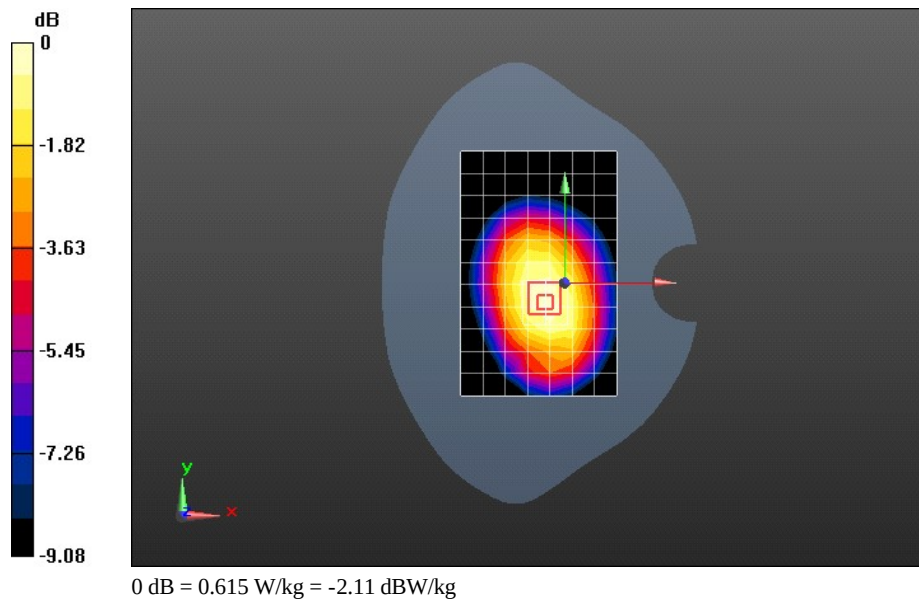
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.817 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 0.615 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 15mm on EVDO Rev.0

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.576 W/kg

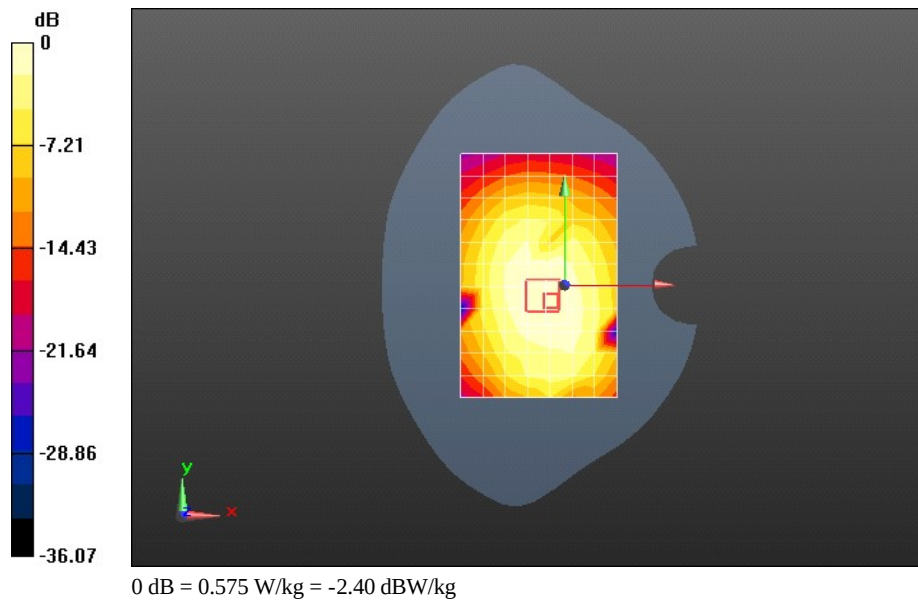
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.121 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 0.575 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 15mm on EVDO Rev.A

DUT: M881; Type:cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.660 W/kg

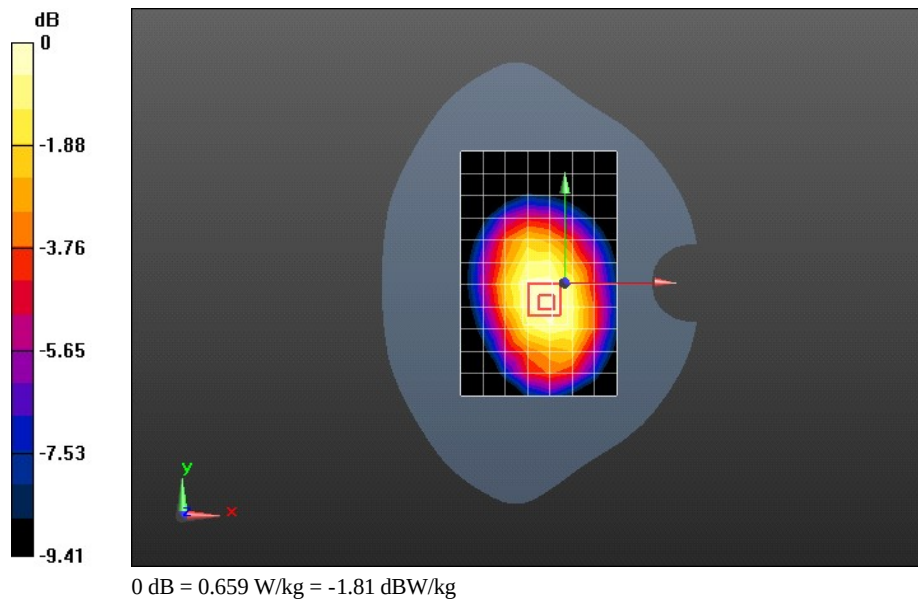
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.361 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.457 W/kg

Maximum value of SAR (measured) = 0.659 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 15mm on EVDO Rev.A with battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.668 W/kg

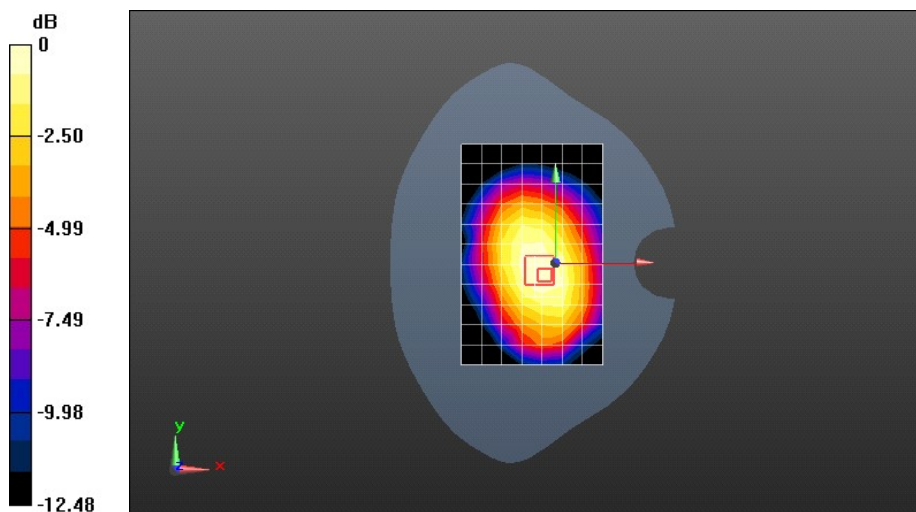
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 26.557 V/m; Power Drift = -0.10 dB

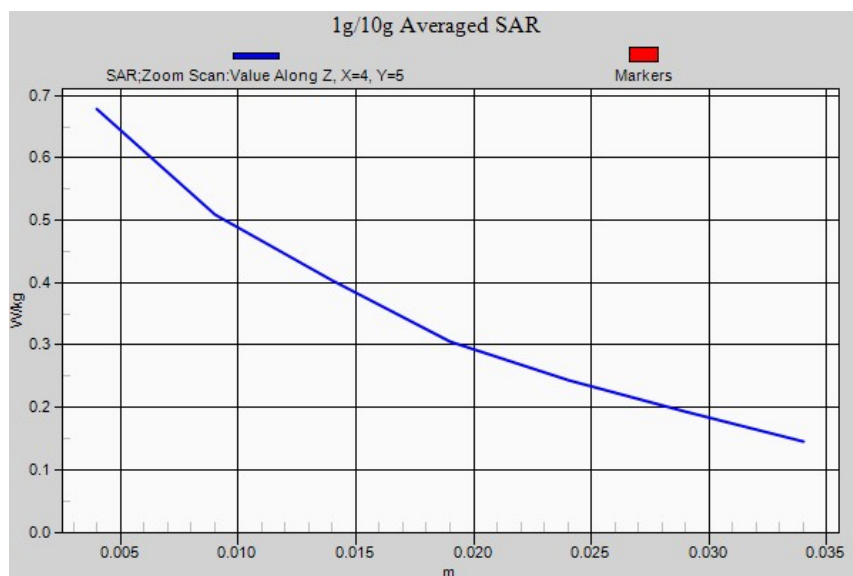
Peak SAR (extrapolated) = 0.829 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.474 W/kg

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



0 dB = 0.678 W/kg = -1.69 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Phantom 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.586 W/kg

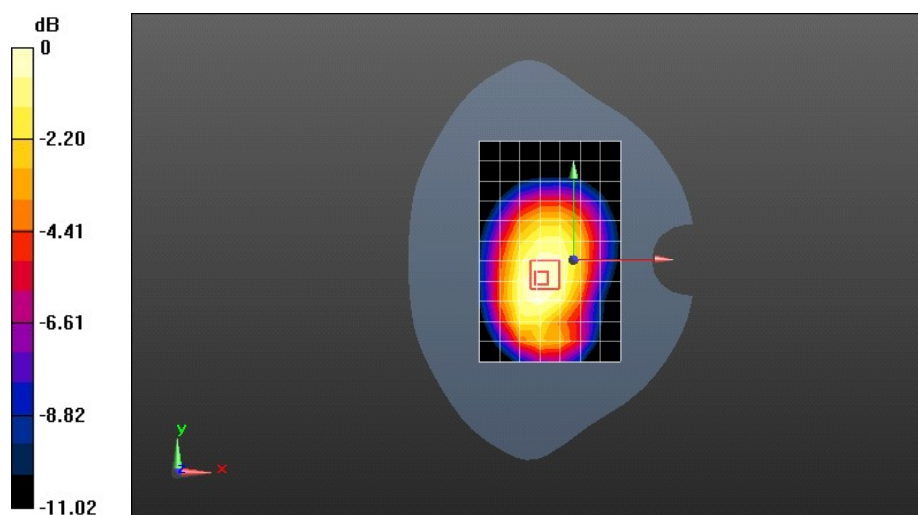
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.075 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 0.596 W/kg



0 dB = 0.596 W/kg = -2.25 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 777CH Towards Ground 10mm with EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 848 \text{ MHz}$; $\sigma = 1.01 \text{ S/m}$; $\epsilon_r = 56.45$; $\rho = 1000 \text{ kg/m}^3$

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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.755 W/kg

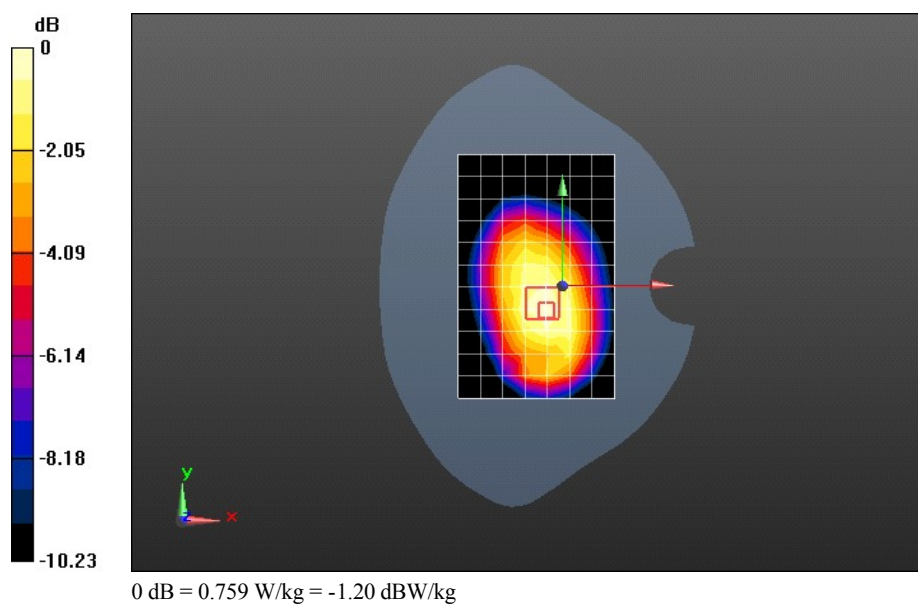
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.690 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.683 W/kg ; SAR(10 g) = 0.510 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.739 W/kg

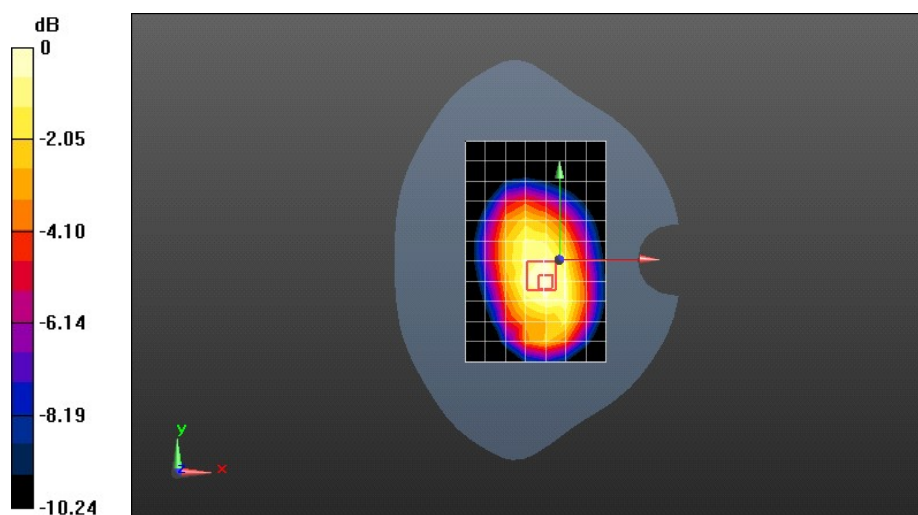
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 26.638 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.519 W/kg

Maximum value of SAR (measured) = 0.743 W/kg



0 dB = 0.743 W/kg = -1.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 1013CH Towards Ground 10mm with EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 825$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 56.824$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.735 W/kg

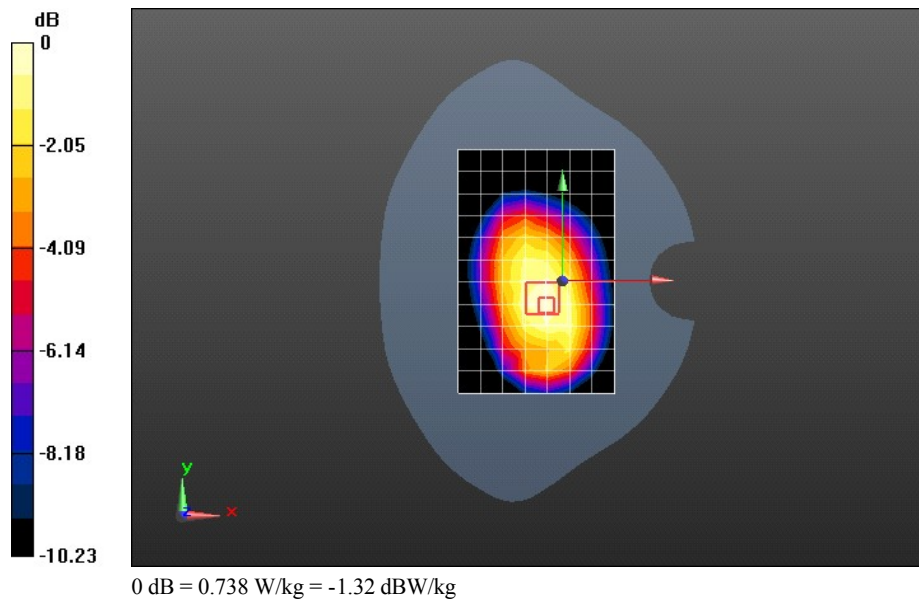
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 26.587 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 0.738 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Left edge 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.438 W/kg

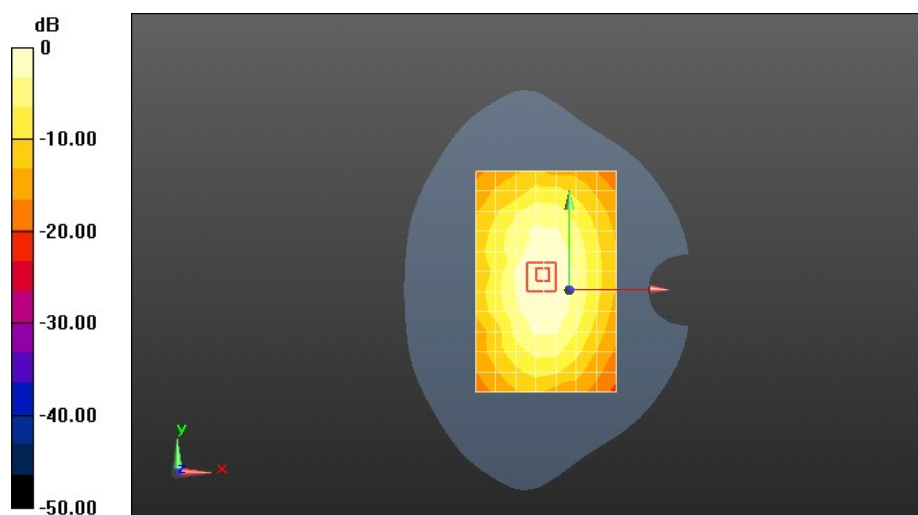
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.995 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.471 W/kg



0 dB = 0.471 W/kg = -3.27 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Right edge 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.471 W/kg

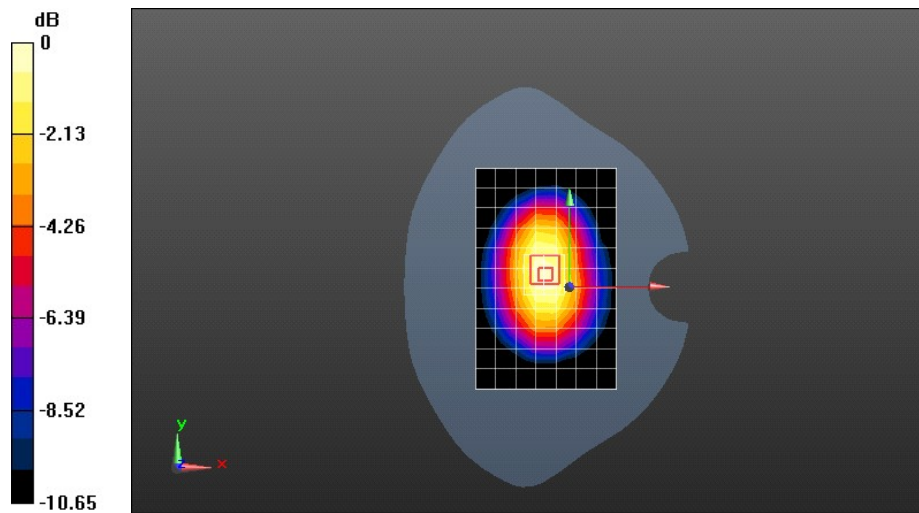
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 22.617 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.771 W/kg

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.511 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Bottom edge 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.147 W/kg

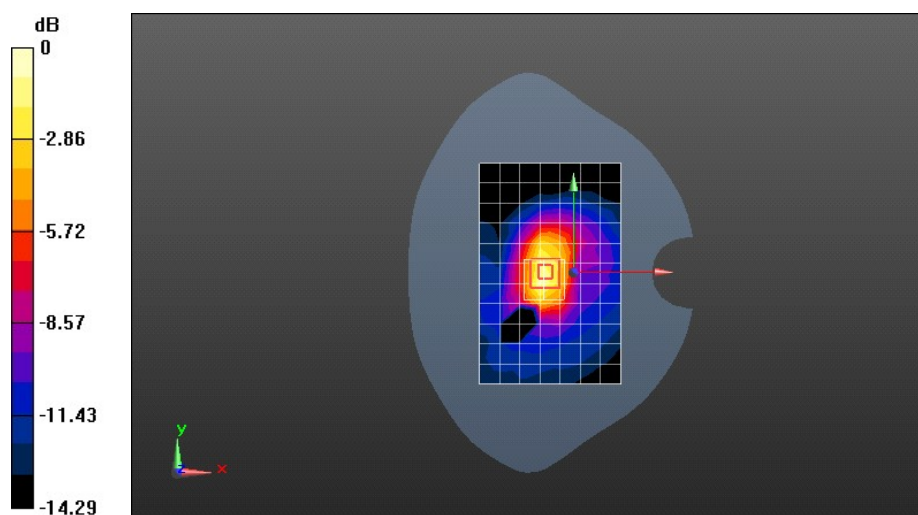
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.630 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 10mm with EVDO Rev.A

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

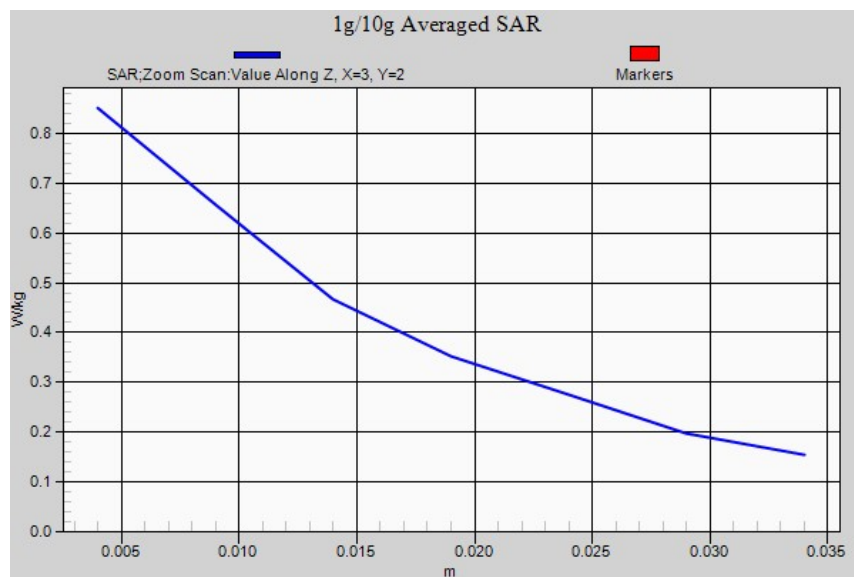
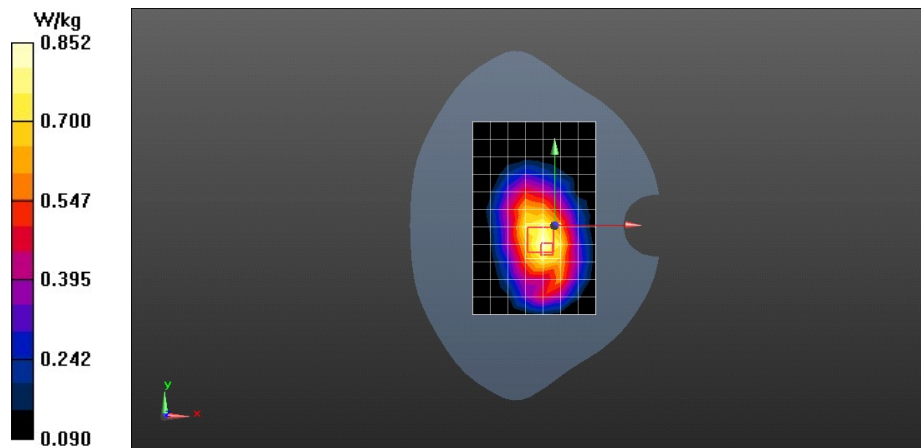
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.506 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.585 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 10mm on 1XRTT

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.796 W/kg

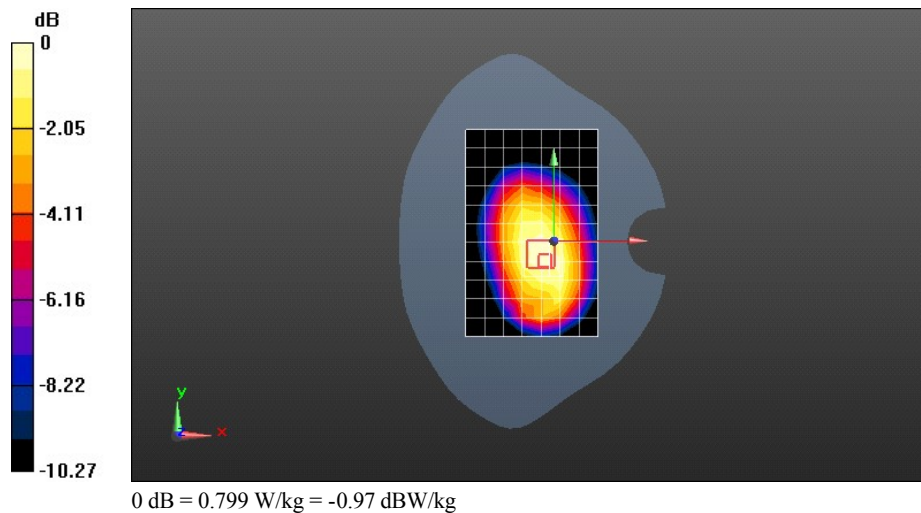
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 27.987 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (measured) = 0.799 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC0 384CH Towards Ground 10mm on EVDO Rev.A with battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 56.478$; $\rho = 1000$ 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 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.854 W/kg

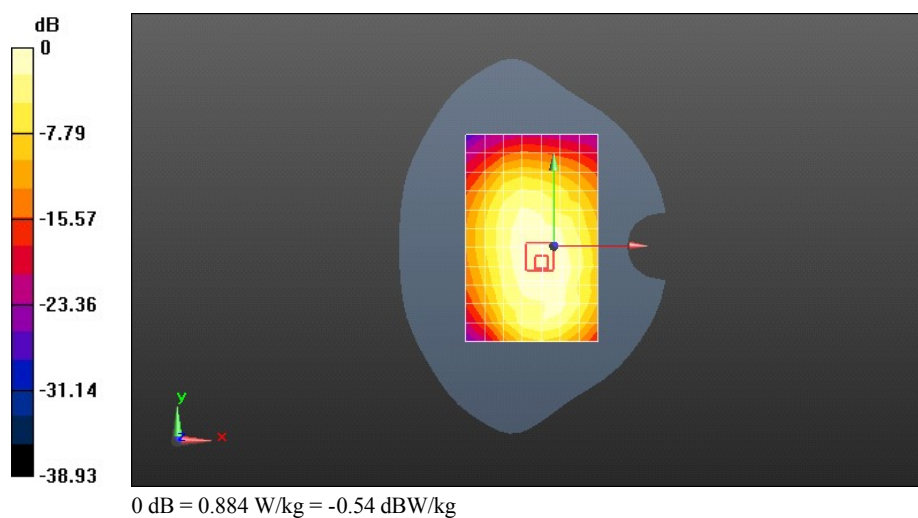
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.728 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.590 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 1175CH Left hand touch cheek

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1909$ MHz; $\sigma = 1.463$ mho/m; $\epsilon_r = 40.107$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

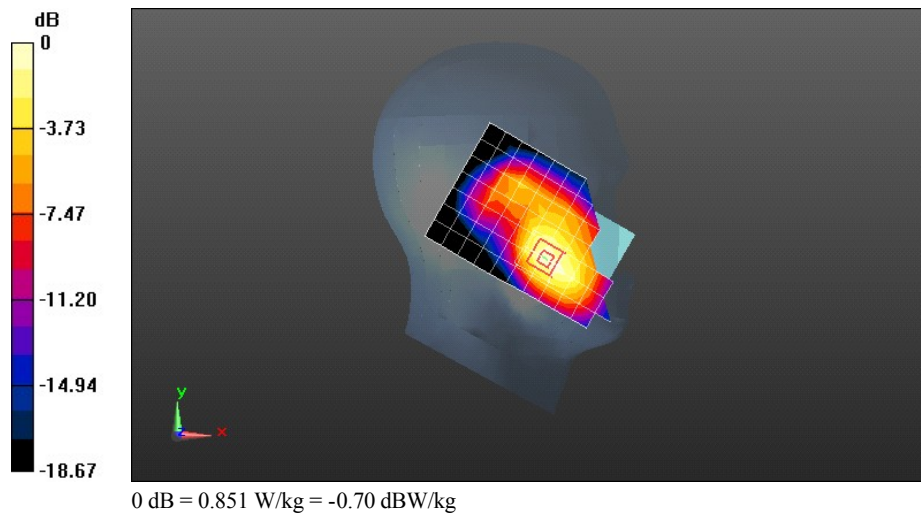
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.789 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.457 W/kg

Maximum value of SAR (measured) = 0.851 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Left hand touch cheek

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r = 40.178$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.755 W/kg

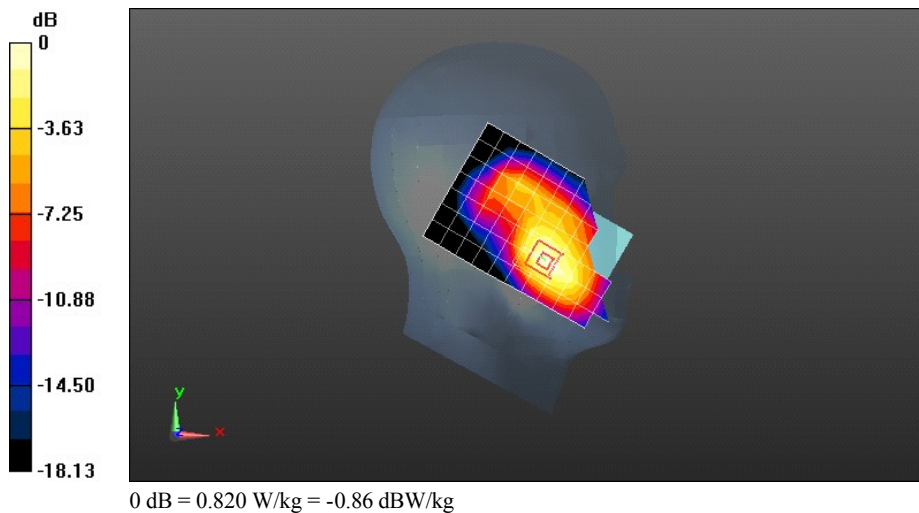
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.083 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.820 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 25CH Left hand touch cheek

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r = 40.251$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

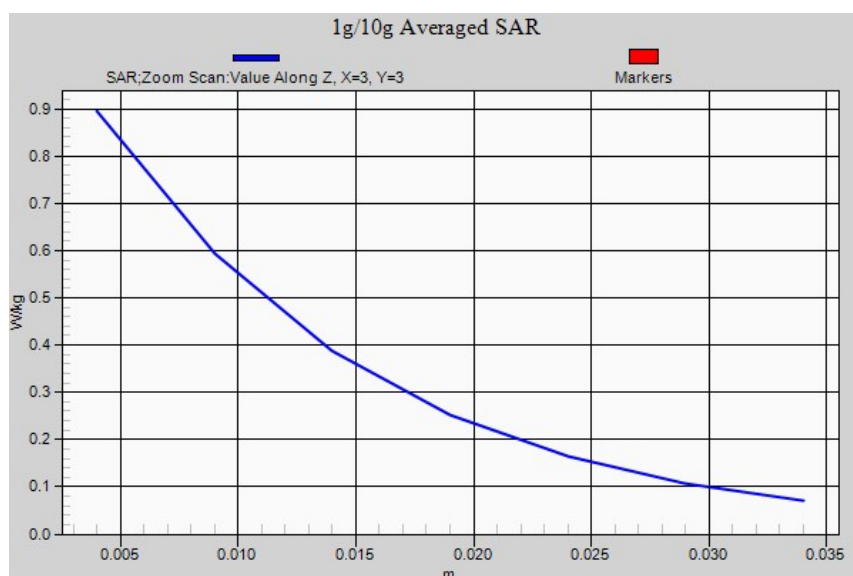
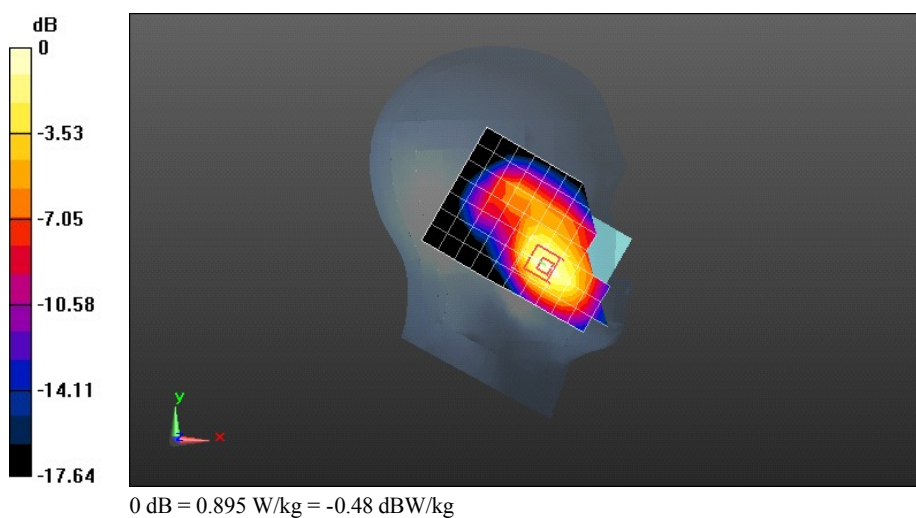
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.739 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.490 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 25CH Left hand touch cheek-repeated

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r = 40.251$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.743 W/kg

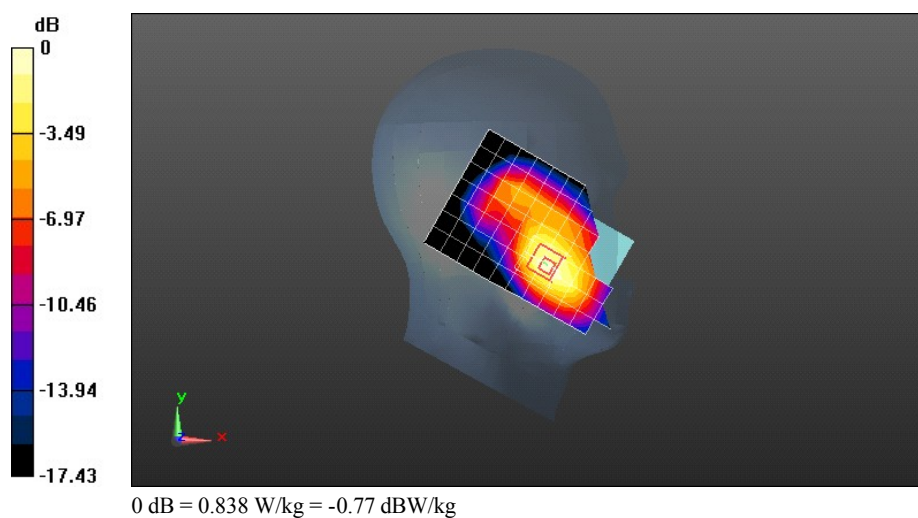
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.215 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.462 W/kg

Maximum value of SAR (measured) = 0.838 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Left hand tilt 15 degree

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r = 40.178$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.285 W/kg

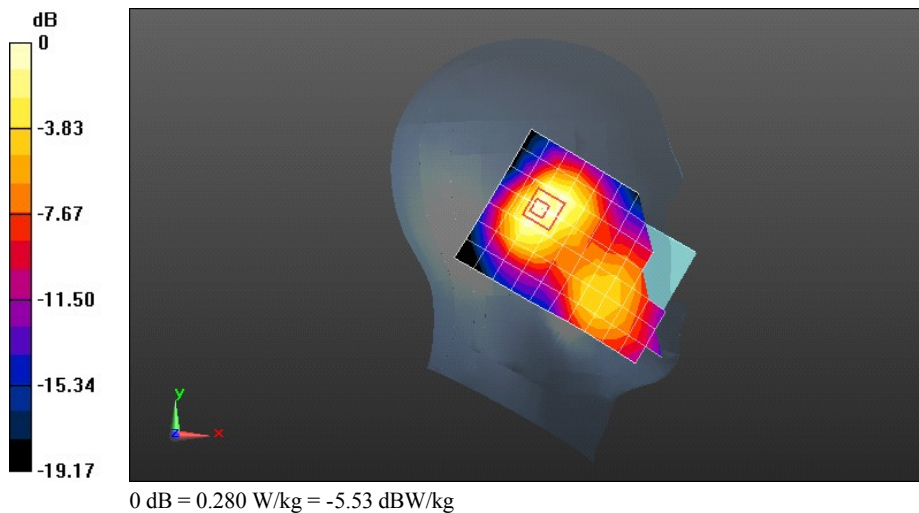
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.106 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.280 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Right hand touch cheek

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r = 40.178$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.408 W/kg

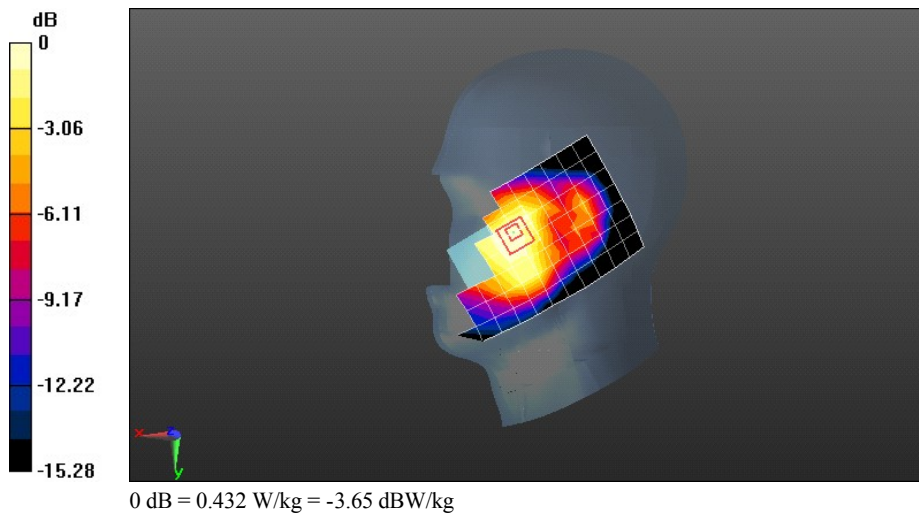
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.744 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.432 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Right hand tilt 15 degree

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.433$ mho/m; $\epsilon_r = 40.178$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.302 W/kg

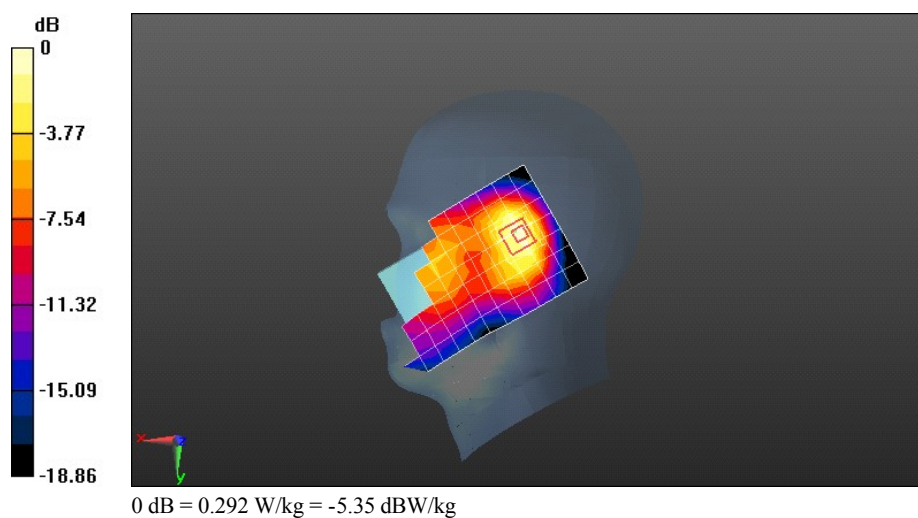
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.982 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.292 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 25CH Left hand touch cheek with battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1851$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r = 40.251$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.750 W/kg

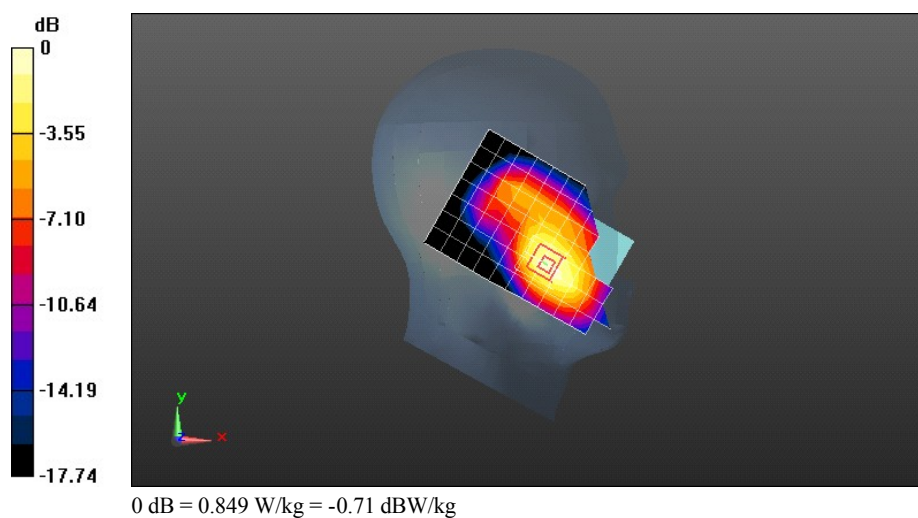
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.082 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (measured) = 0.849 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Towards Phantom 15mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.556 W/kg

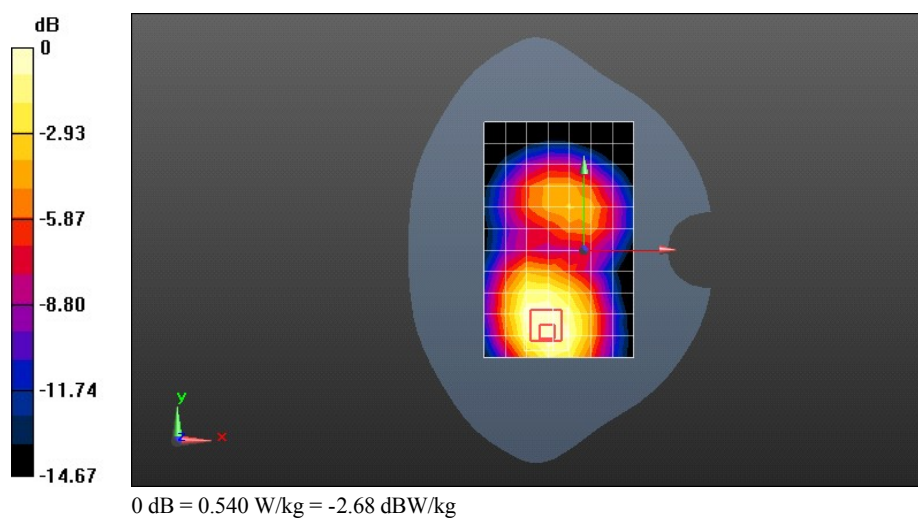
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.332 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.540 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Towards Ground 15mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.530 W/kg

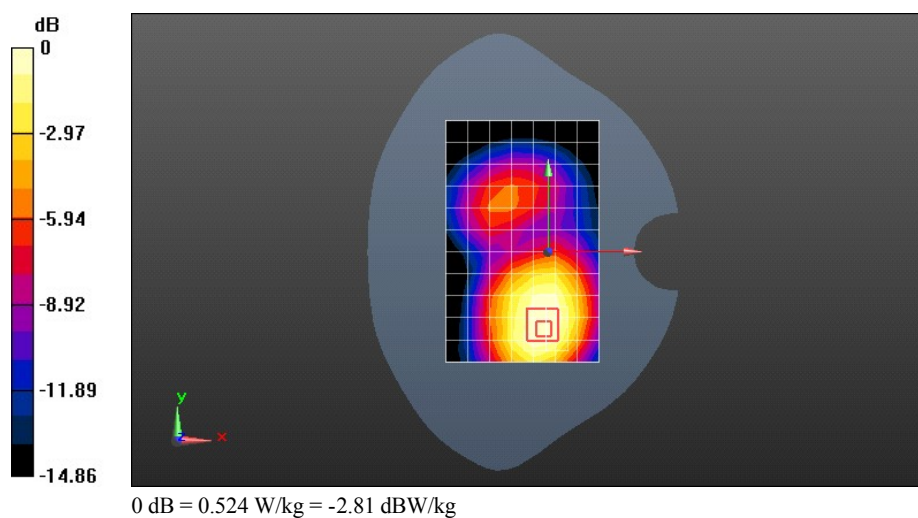
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.512 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.314 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Towards Phantom 15mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.473 W/kg

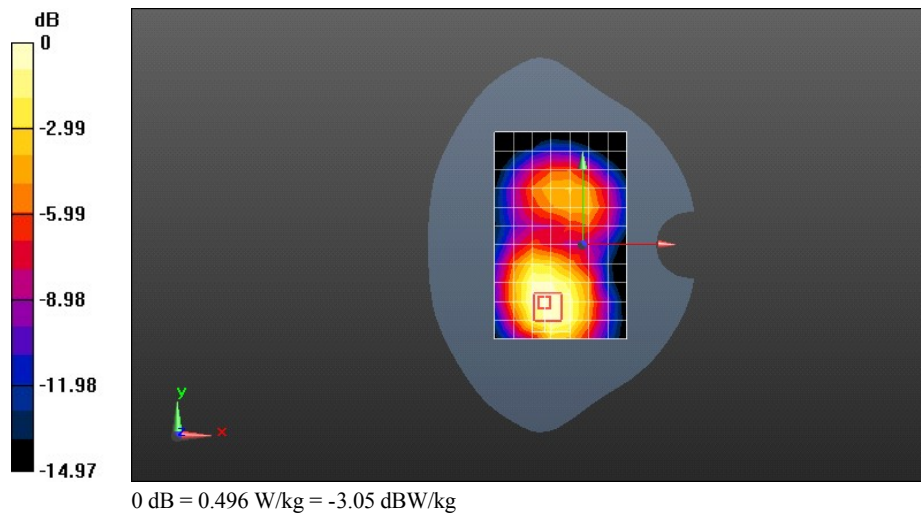
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.223 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Towards Phantom 15mm on EVDO Rev.A

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.586 W/kg

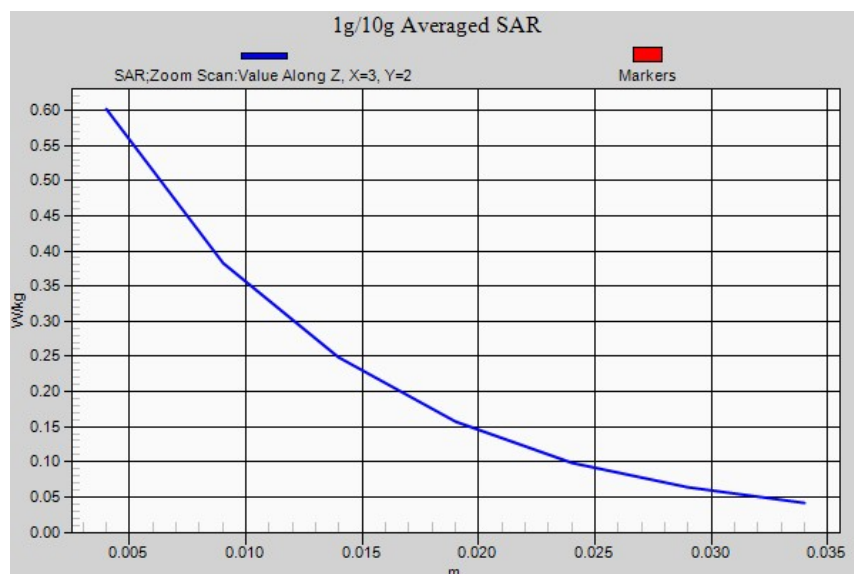
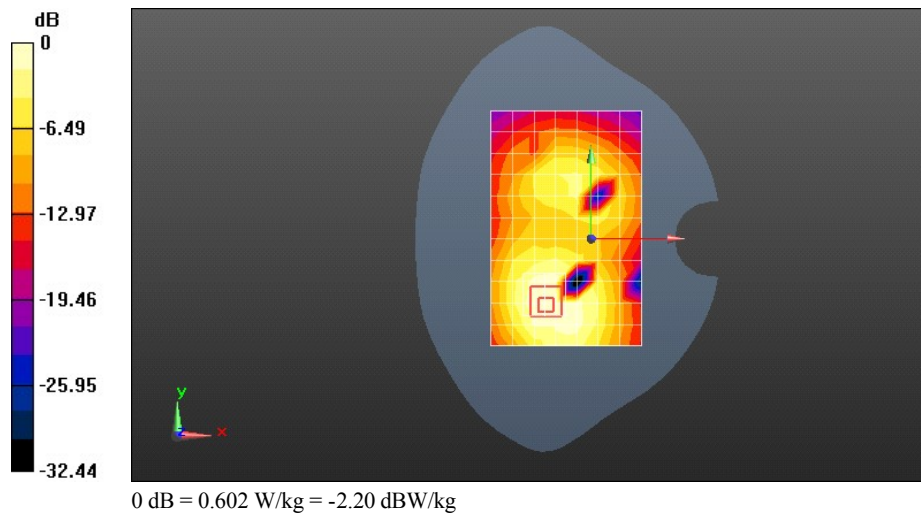
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.767 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.602 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Towards Phantom 15mm on EVDO Rev.A with battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

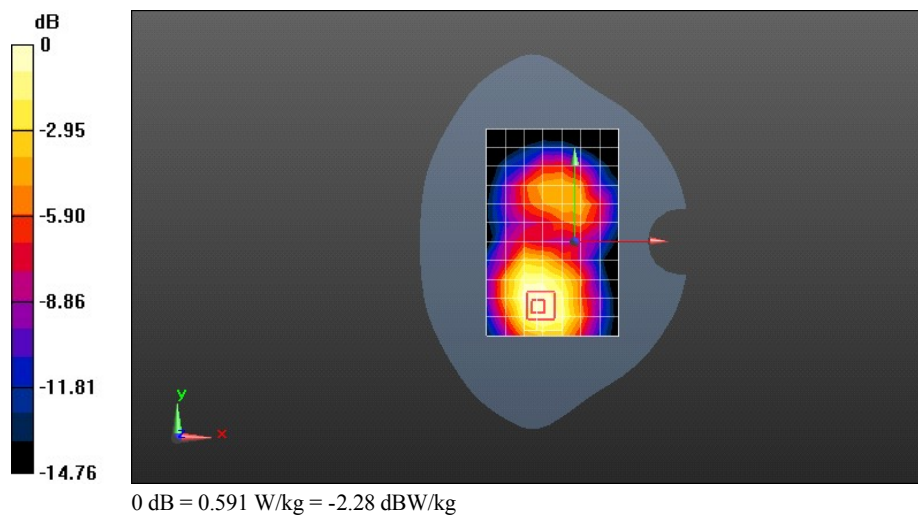
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.645 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.591 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Towards Phantom 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.560 W/kg

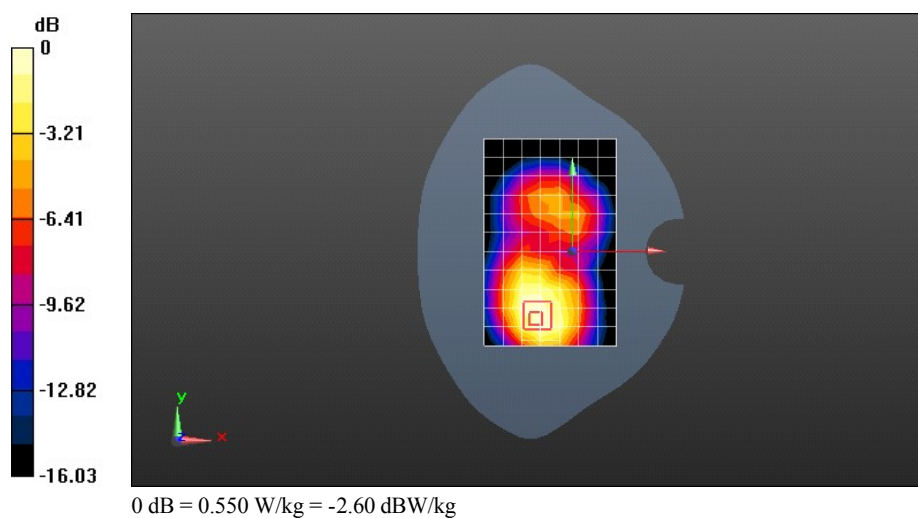
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.540 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.812 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.550 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Towards Ground 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.586 W/kg

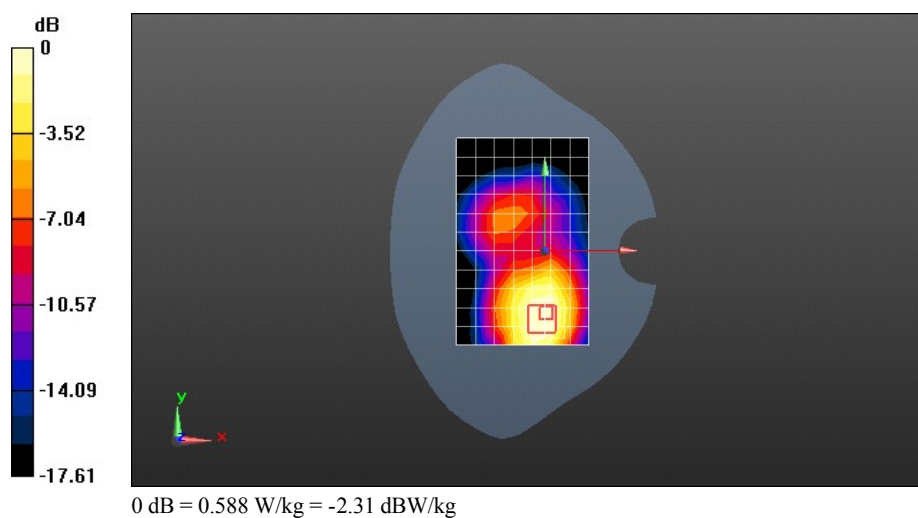
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.525 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.588 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Left edge 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.225 W/kg

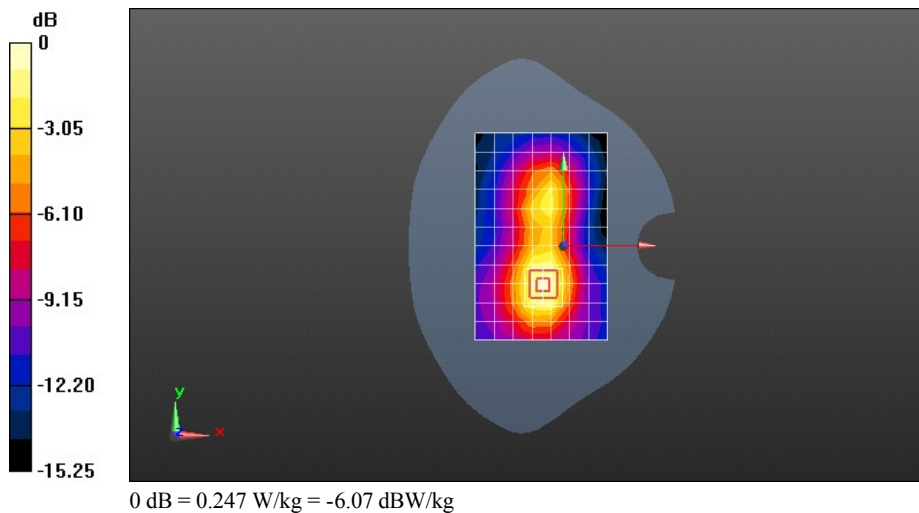
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.253 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 0.247 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Right edge 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0552 W/kg

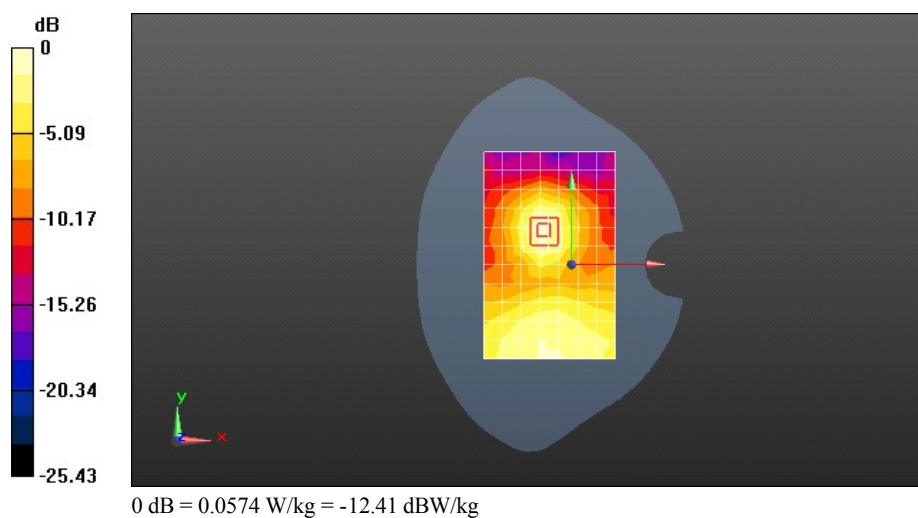
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.660 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0574 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Bottom edge 10mm on EVDO Rev.0

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.607 W/kg

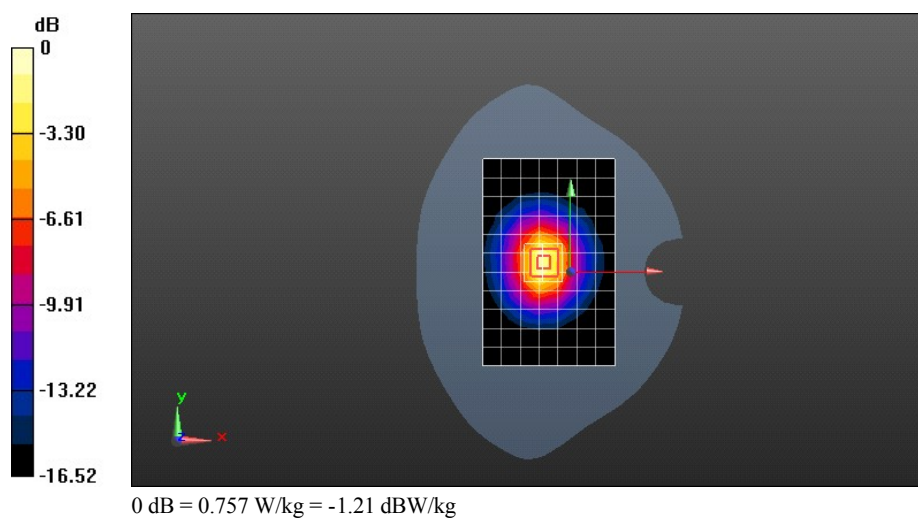
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.906 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.666 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.757 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Bottom edge 10mm on EVDO Rev.A

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.670 W/kg

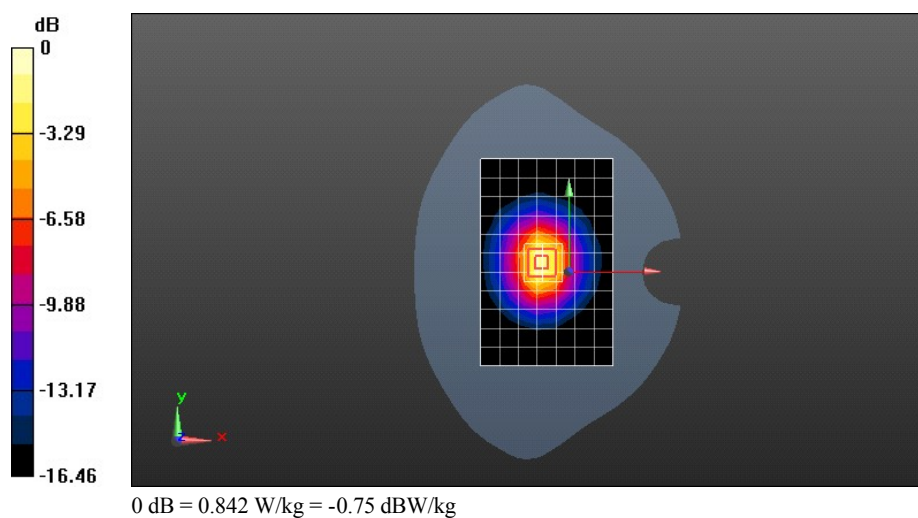
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.047 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.400 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Bottom edge 10mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.514 W/kg

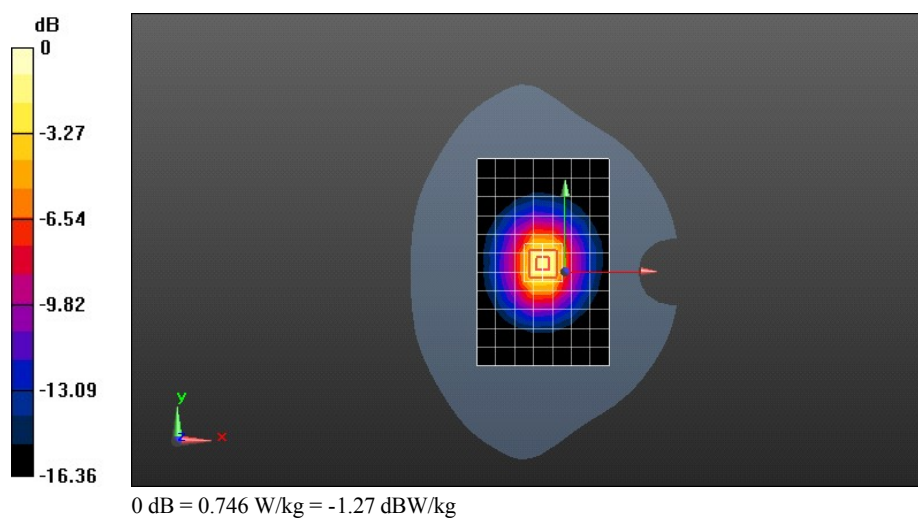
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.549 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 0.746 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 CDMA BC1 600CH Bottom edge 10mm on EVDO Rev.A with battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r = 51.019$; $\rho = 1000$ 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.623 W/kg

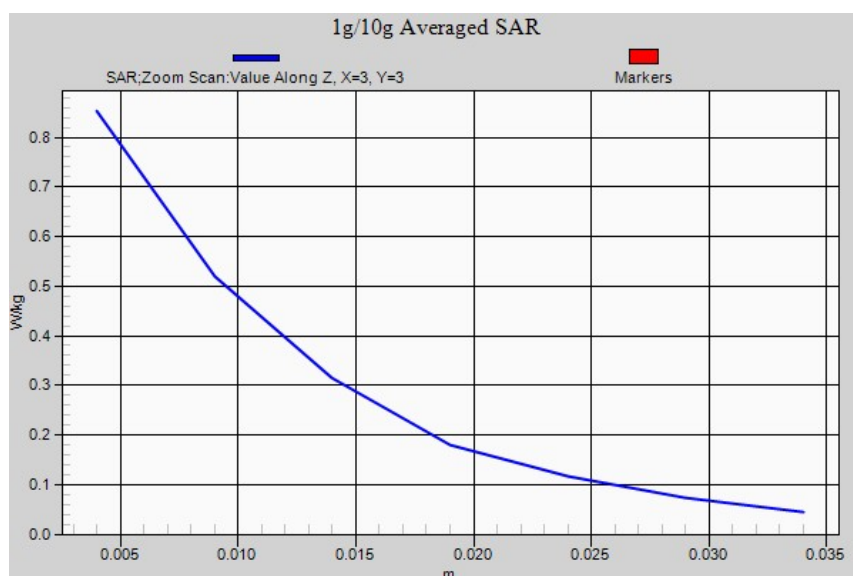
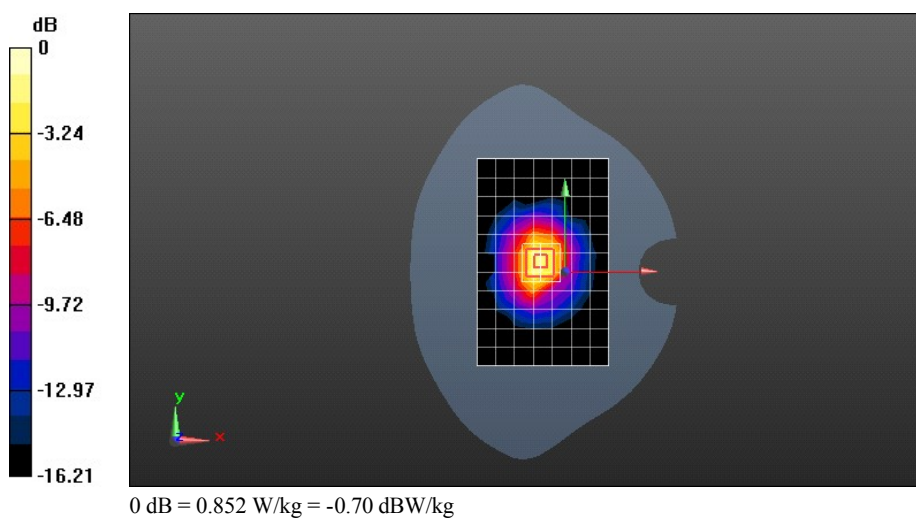
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.571 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.397 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Left hand touch cheek

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.747$ mho/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0608 W/kg

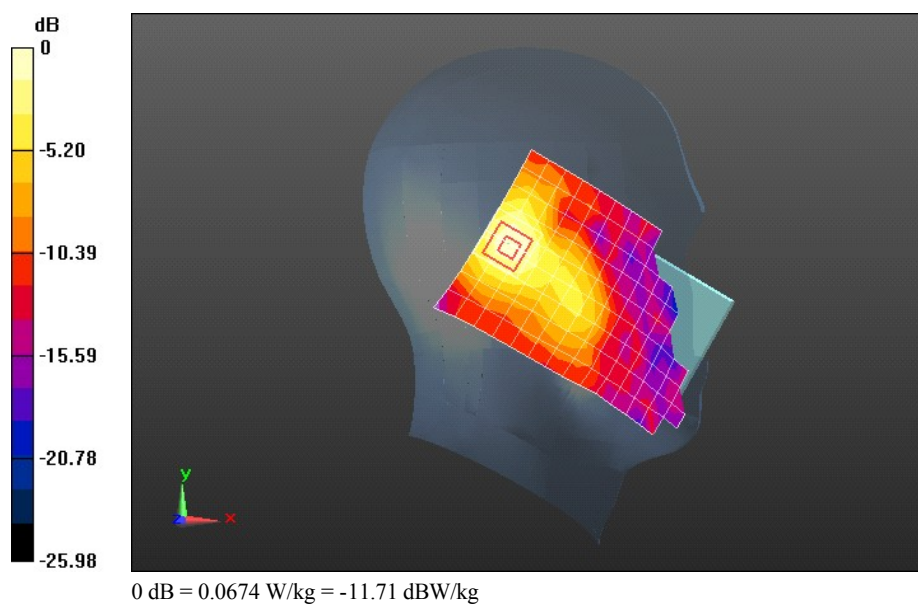
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.450 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0674 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Left hand tilt 15 degree

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.747$ mho/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0727 W/kg

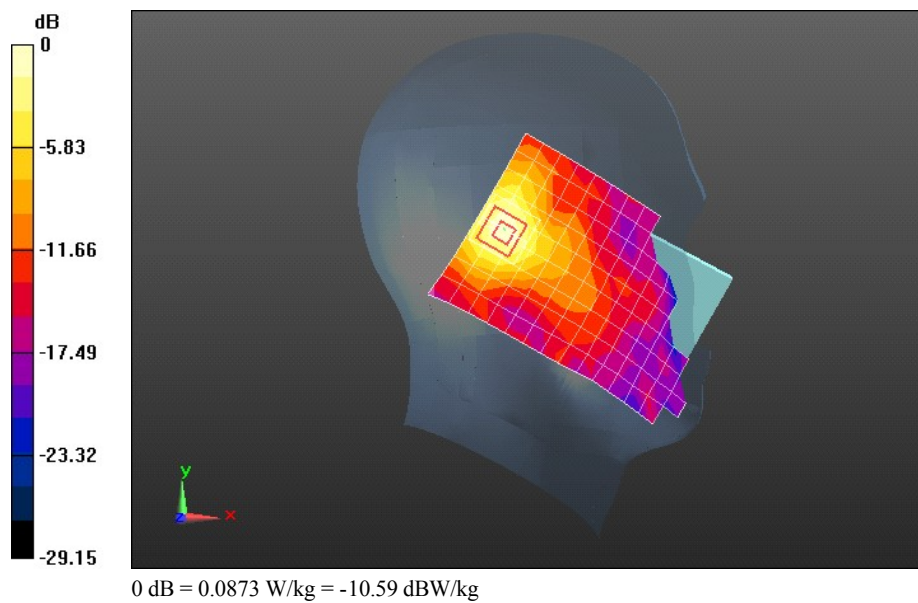
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.236 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0873 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Right hand touch cheek

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.747$ mho/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0660 W/kg

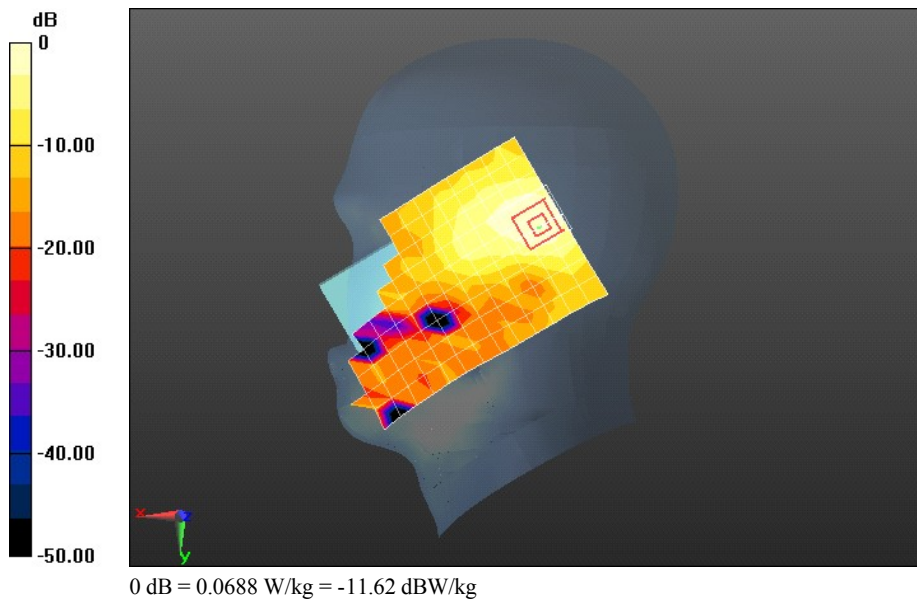
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.570 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0688 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Right hand tilt 15 degree

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.747$ mho/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0917 W/kg

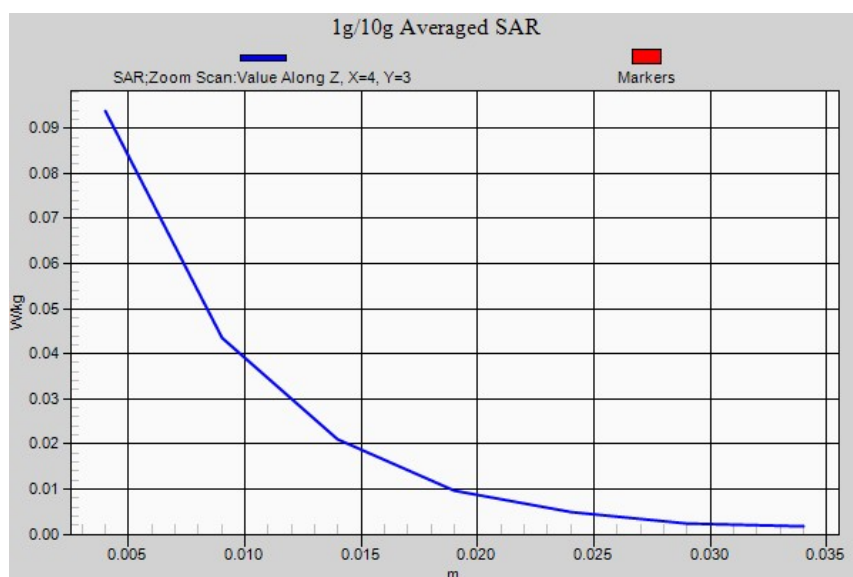
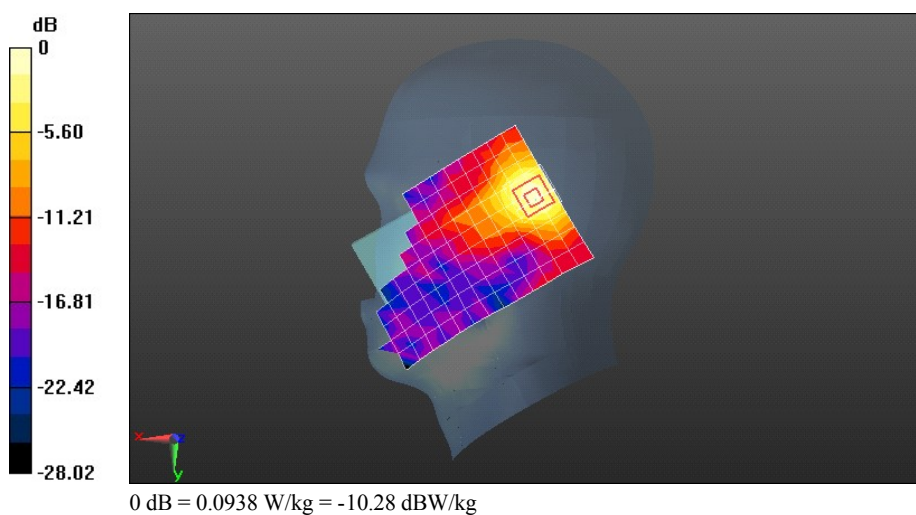
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.981 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0938 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Right hand tilt 15 degree with battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.747$ mho/m; $\epsilon_r = 39.531$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Head/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0885 W/kg

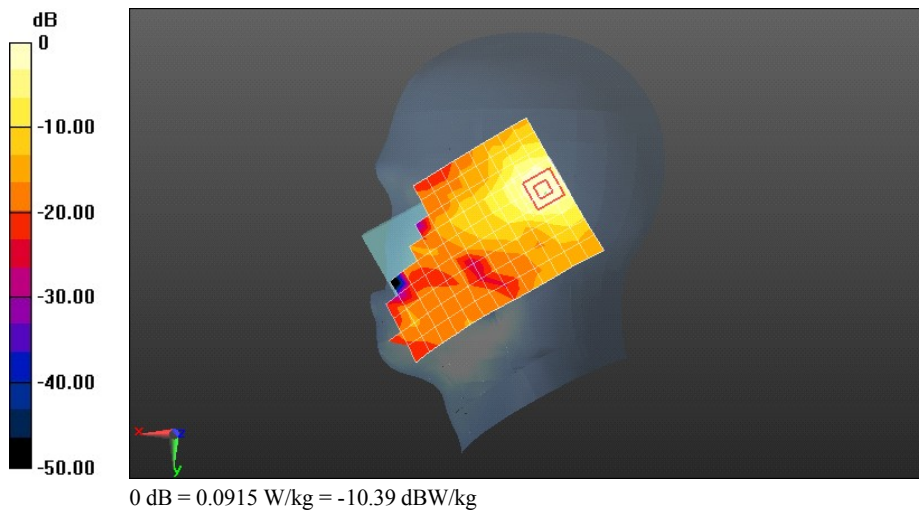
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.118 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0915 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Towards Phantom 15mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.136 W/kg

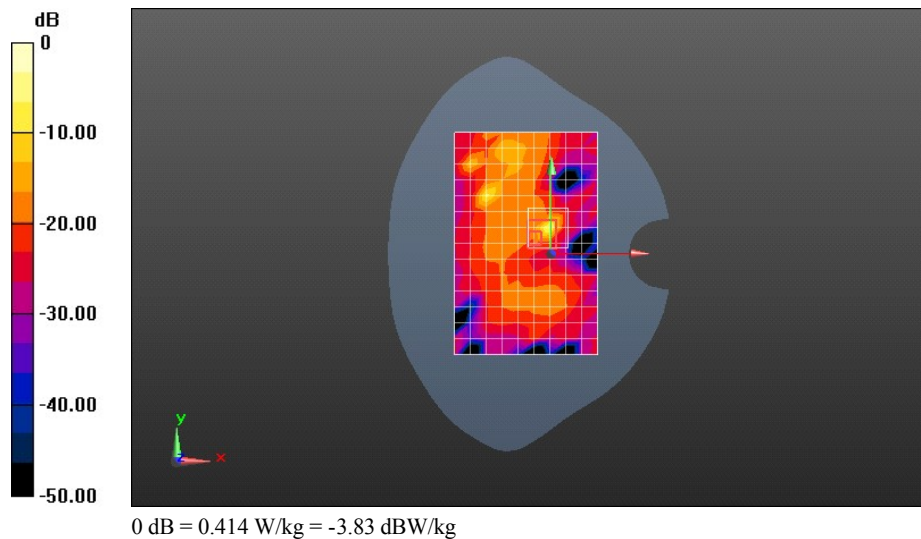
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.960 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.414 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Towards Ground 15mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -13.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0450 W/kg

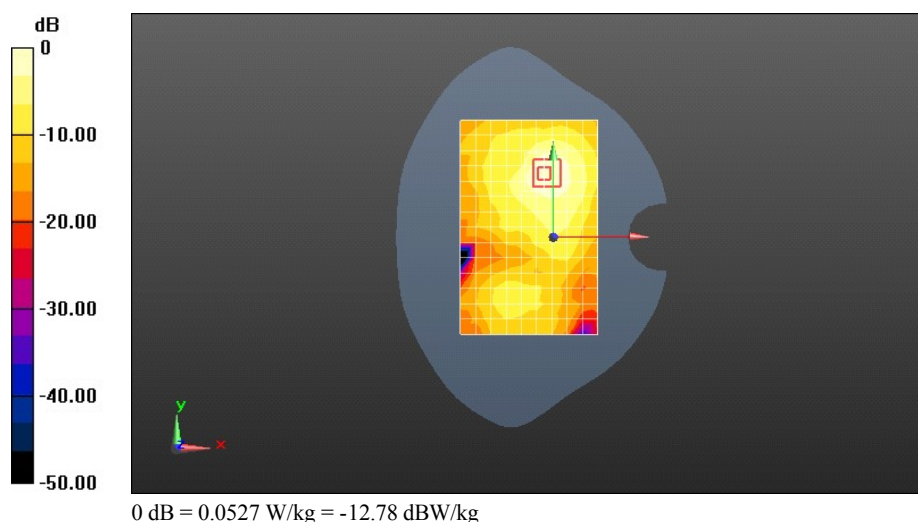
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.879 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0527 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Towards Ground 15mmwith battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0476 W/kg

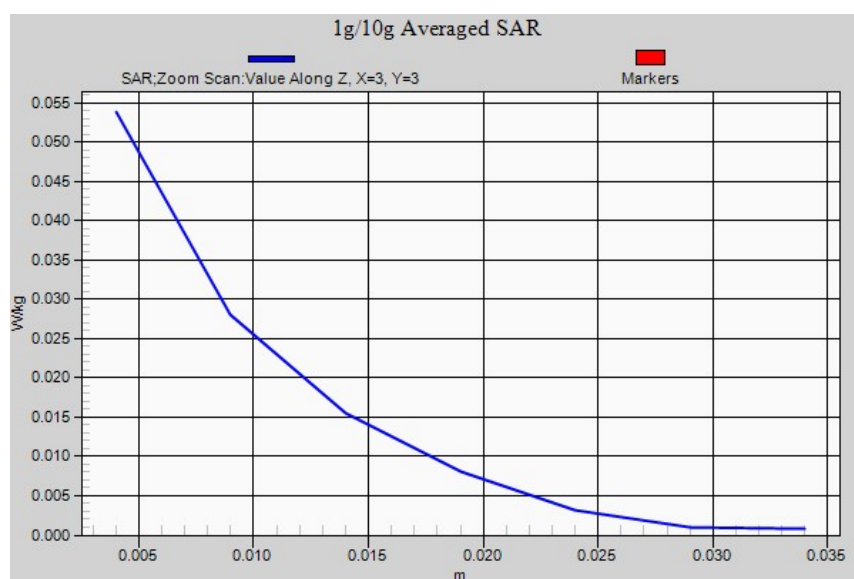
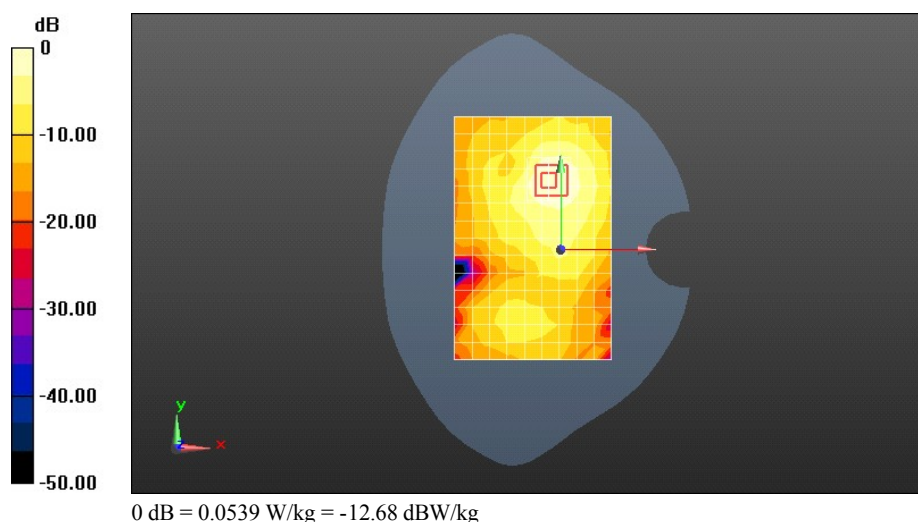
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.166 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0539 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Towards Phantom 10mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.337 W/kg

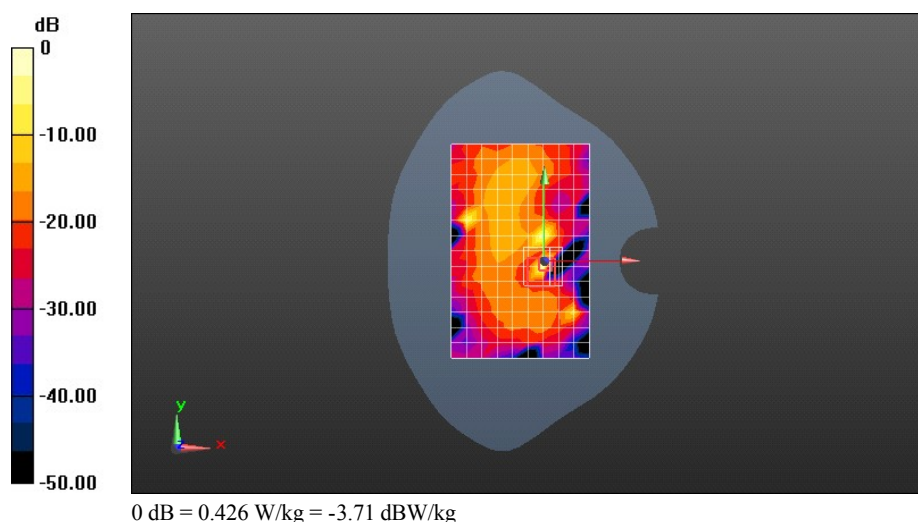
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.563 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.426 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Towards Ground 10mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -13.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.105 W/kg

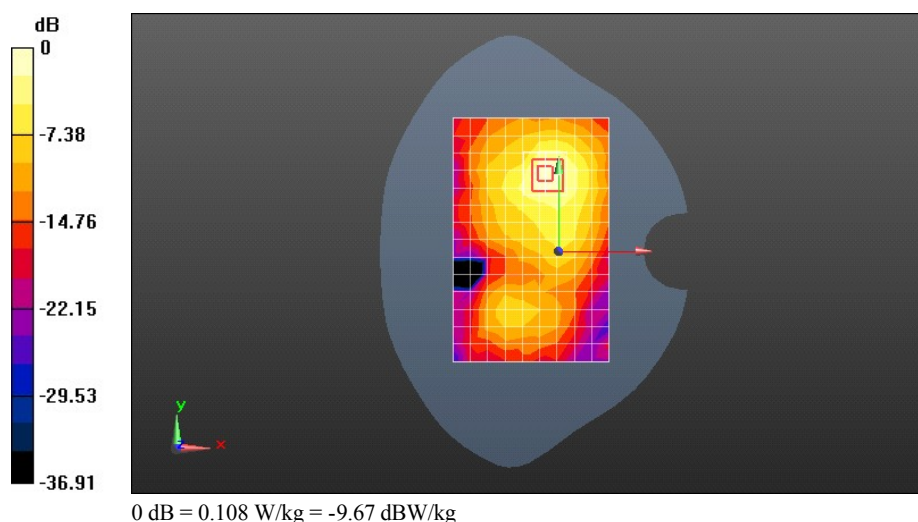
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.381 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Left edge 10mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = -13.0, 32.0$
- Electronics: DAE4 Sn851; Calibrated: 2012-7-25
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0192 W/kg

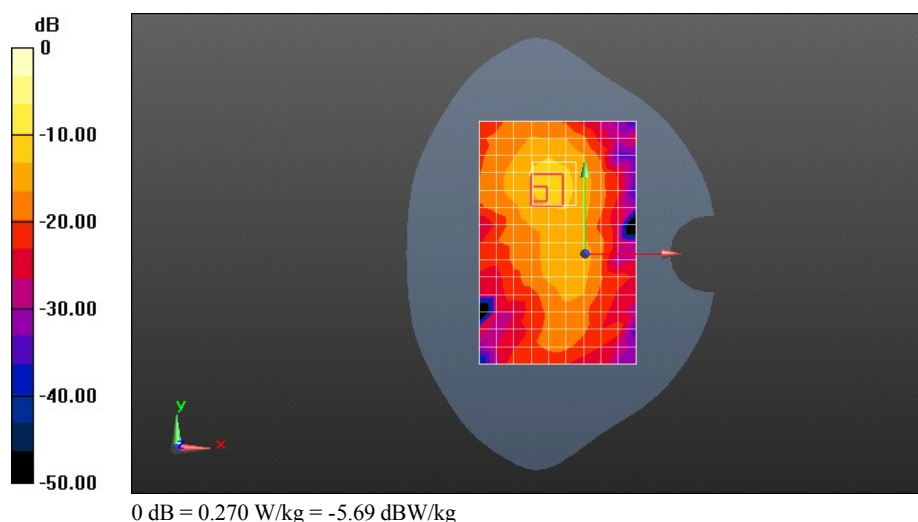
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.607 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.270 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Right edge 10mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.00470 W/kg

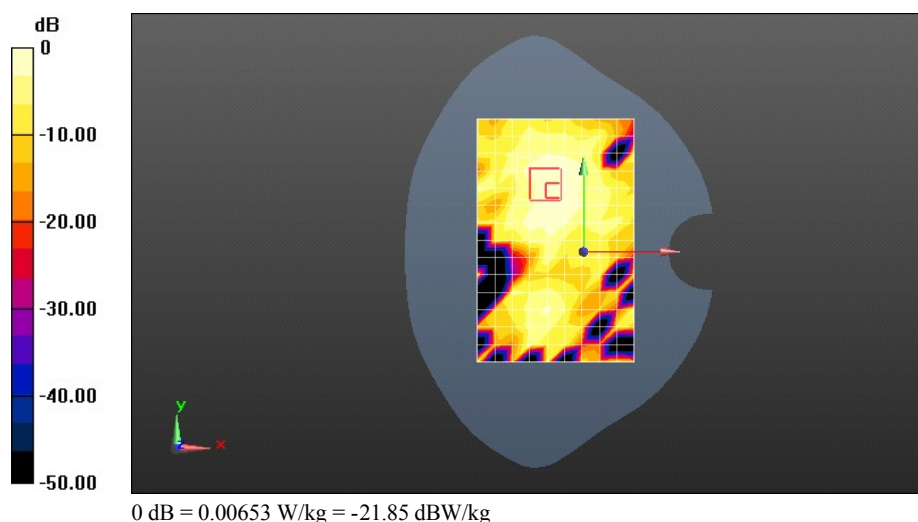
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.828 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0300 W/kg

SAR(1 g) = 0.00523 W/kg; SAR(10 g) = 0.0015 W/kg

Maximum value of SAR (measured) = 0.00653 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Bottom edge 10mm

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0705 W/kg

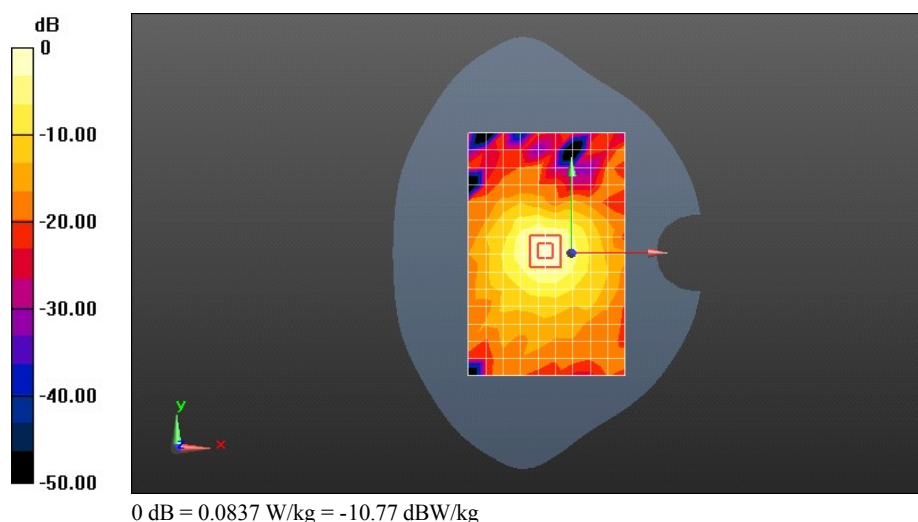
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.604 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0837 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

M881 WiFi 802.11b 1CH Towards Ground 10mmwith battery 2#

DUT: M881; Type: cdma2000 Digital Mobile Phone; Asura; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.942$ mho/m; $\epsilon_r = 52.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 52.8.3(988); SEMCAD X 14.6.7(6848)

Configuration/Body/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.101 W/kg

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

Reference Value = 3.011 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.109 W/kg

