



Appendix B. SAR Measurement Plots

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GSM1900 Body
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WiFi(802.11b) Body

Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 1TS 661CH Front Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.568 W/kg

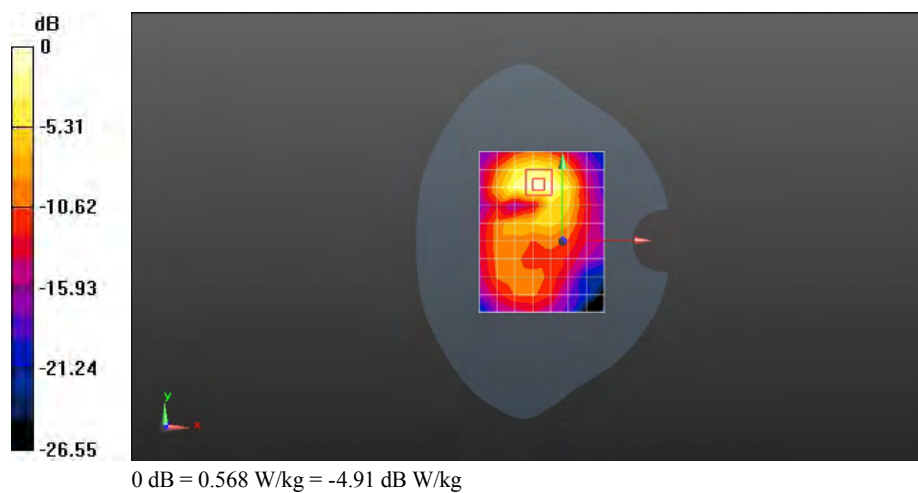
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.130 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.943 mW/g

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.603 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 2TS 661CH Front Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz ;Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.515 W/kg

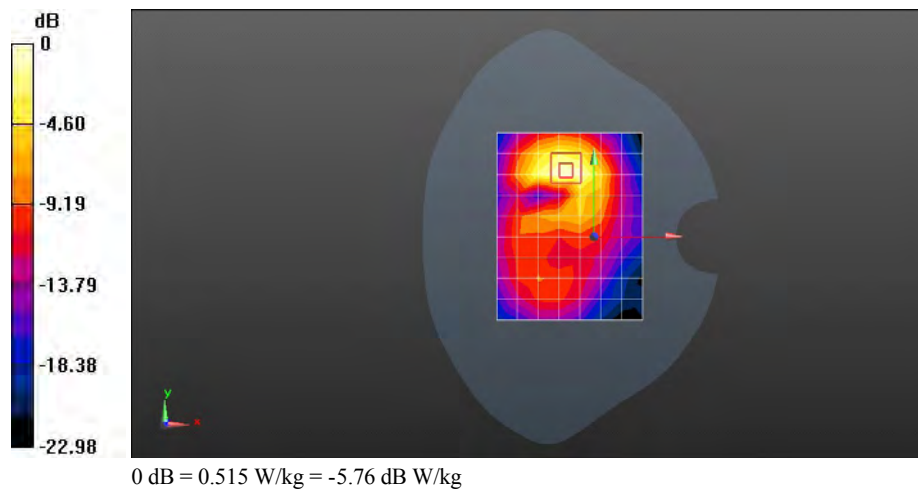
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.788 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.854 mW/g

SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.547 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 3TS 661CH Front Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz ;Duty Cycle: 1:2.77332

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.606 W/kg

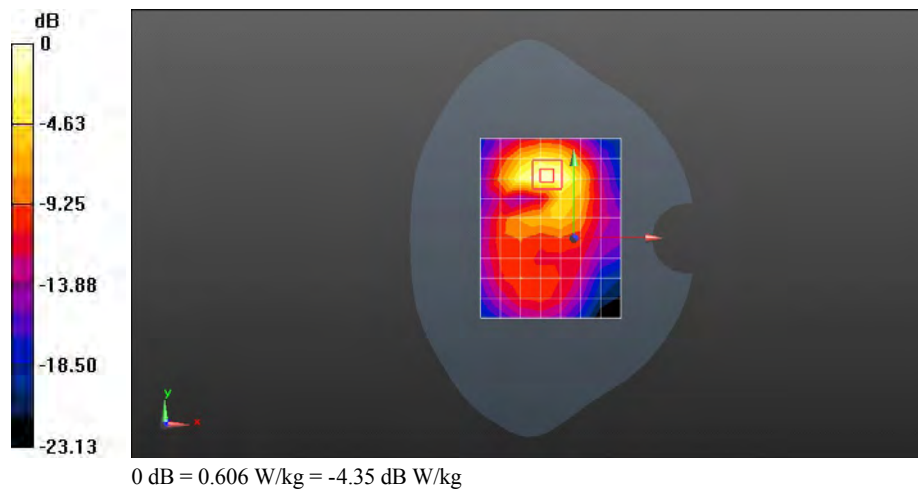
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.645 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.974 mW/g

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.627 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 4TS 661CH Front Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1880 MHz ;Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.523 W/kg

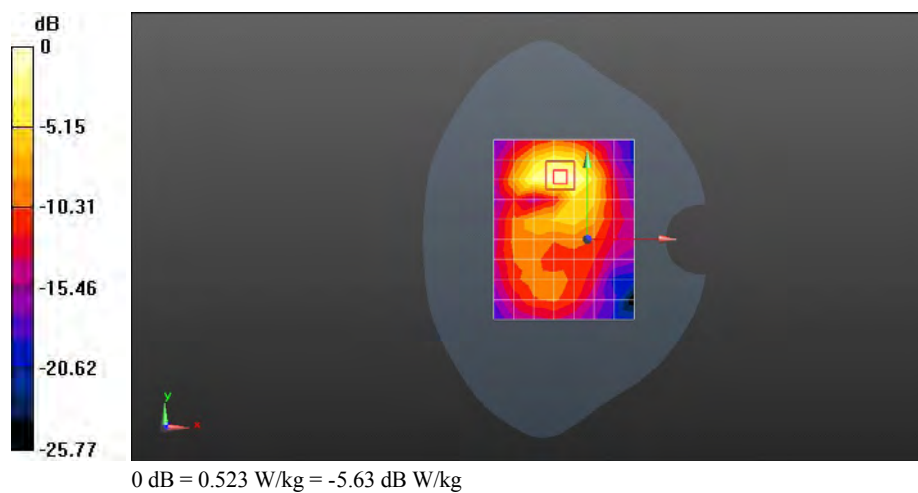
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.112 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.809 mW/g

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.253 mW/g

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



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 3TS 661CH Rear Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz ;Duty Cycle: 1:2.77332

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.424 W/kg

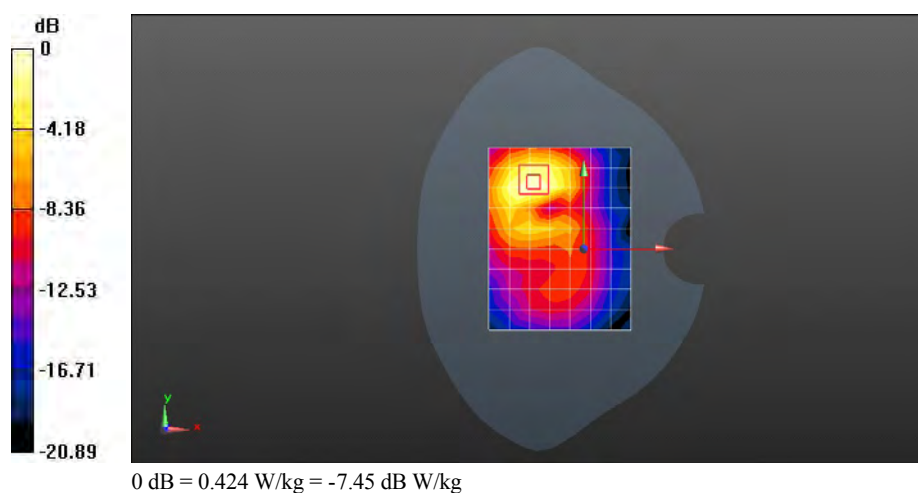
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.395 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.723 mW/g

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.223 mW/g

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



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 3TS 661CH Right Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz ;Duty Cycle: 1:2.77332

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

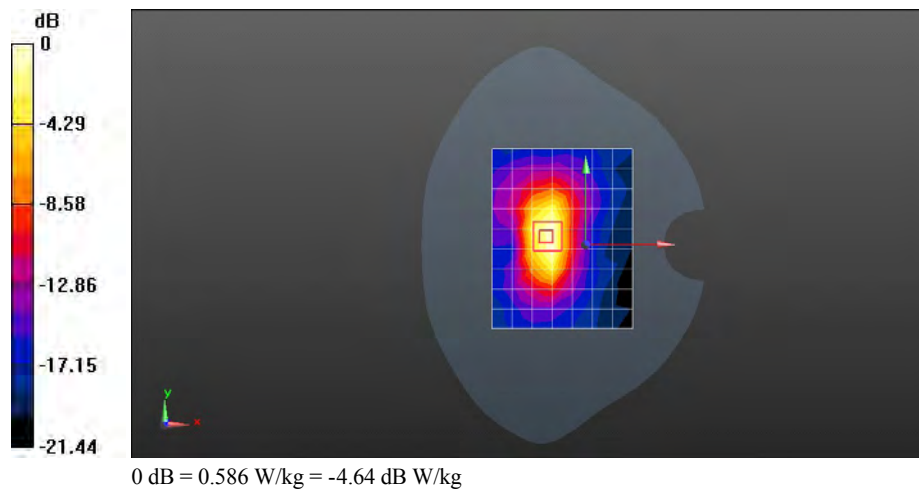
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.812 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.098 mW/g

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.713 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 3TS 661CH Top Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz; Duty Cycle: 1:2.77332

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

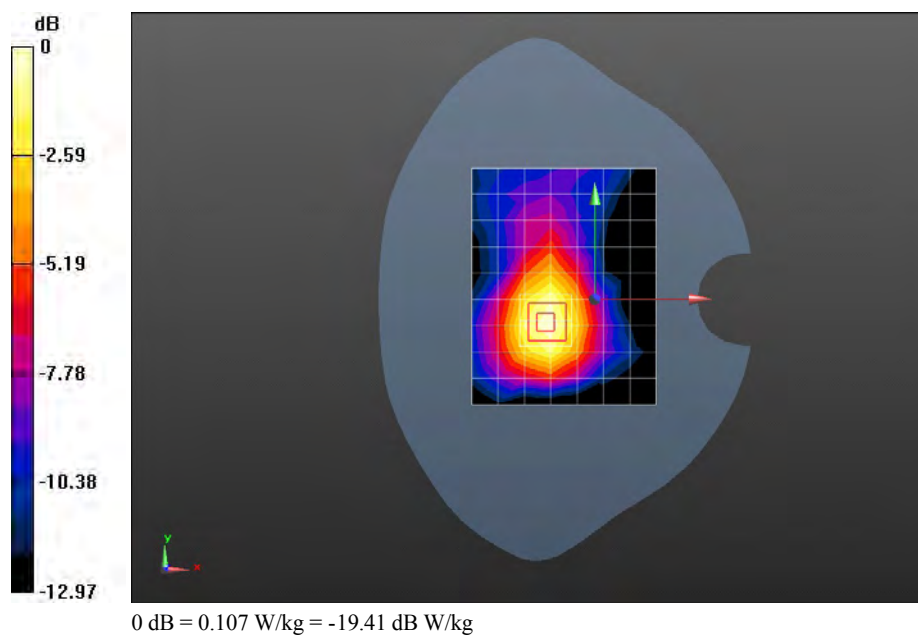
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.784 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.154 mW/g

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.107 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 GPRS 3TS 661CH Bottom Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz; Duty Cycle: 1:2.77332

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.158 W/kg

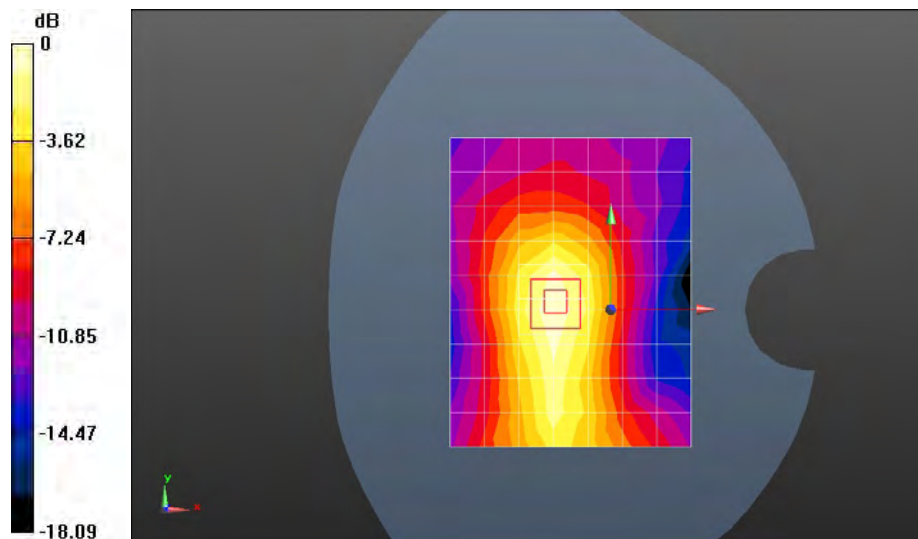
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.670 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.225 mW/g

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.158 W/kg = -16.03 dB W/kg

Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 EGPRS 1TS 661CH Right Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.641 W/kg

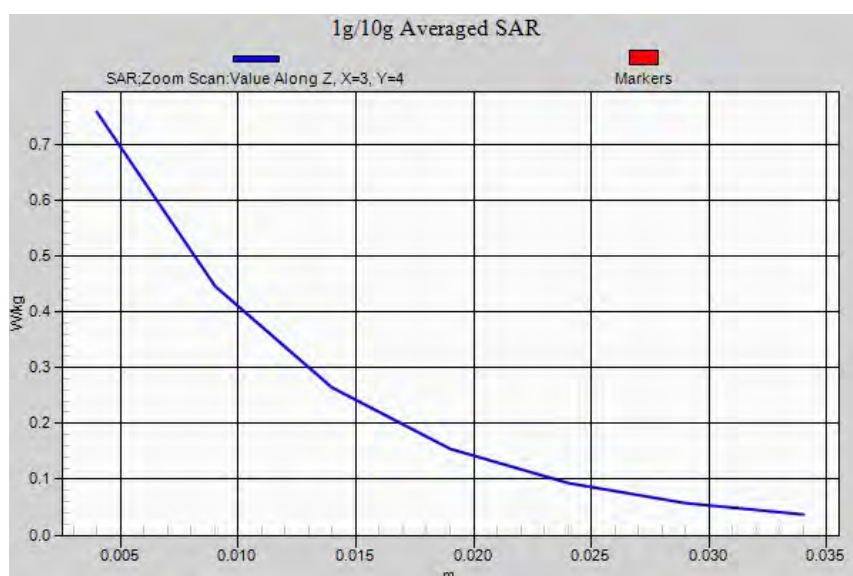
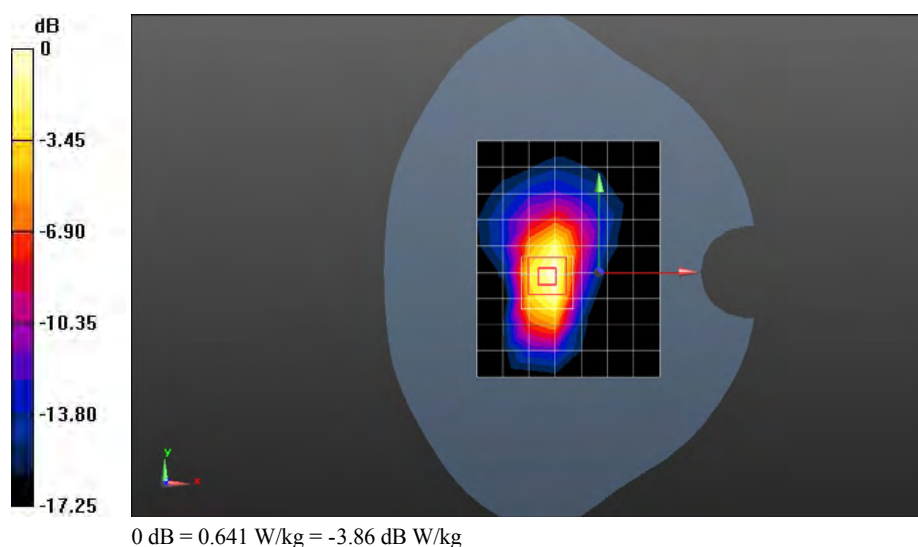
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.986 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.171 mW/g

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.340 mW/g

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



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 EGPRS 2TS 661CH Right Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.630 W/kg

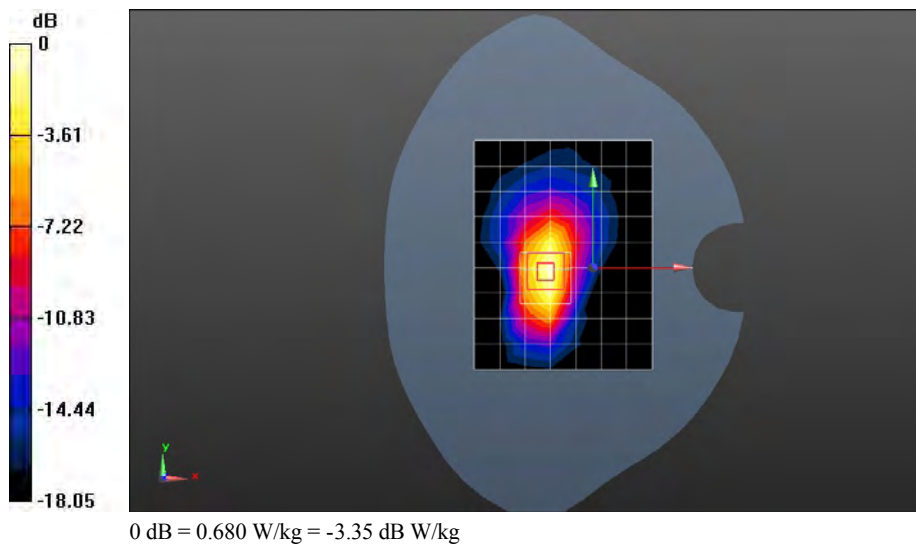
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.805 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.048 mW/g

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.680 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 EGPRS 3TS 661CH Right Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-3TS; Frequency: 1880 MHz; Duty Cycle: 1:2.77332

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.709 W/kg

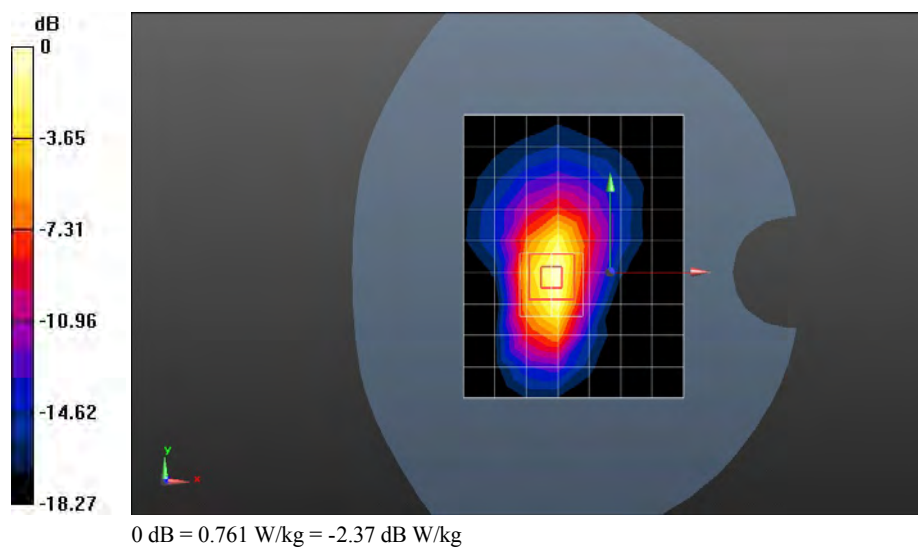
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.597 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.121 mW/g

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.340 mW/g

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



Test Laboratory: HUAWEI SAR Lab

HWD11 GSM1900 EGPRS 4TS 661CH Right Side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-4TS; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.558 W/kg

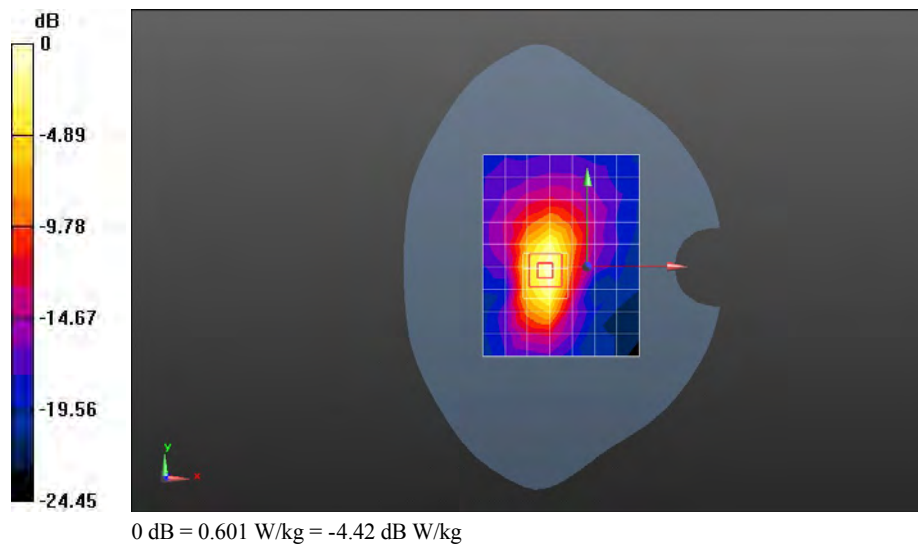
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.934 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.897 mW/g

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.601 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA850 4182CH Front side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.806 W/kg

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

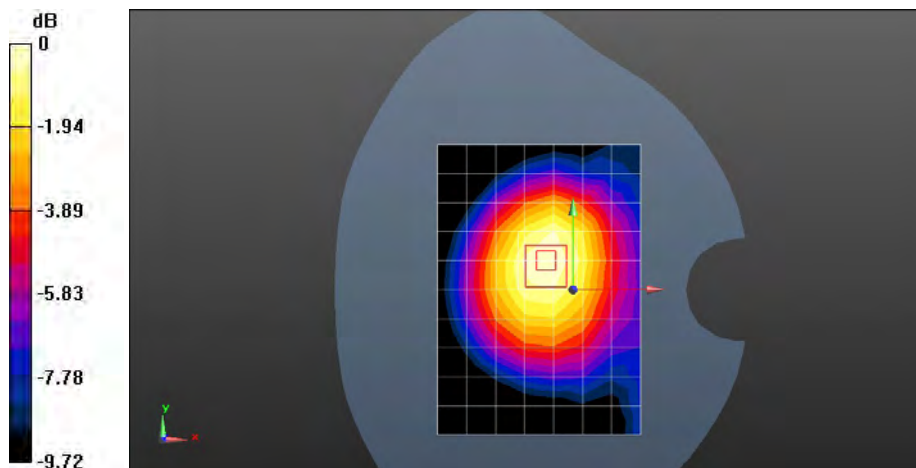
Reference Value = 28.929 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.989 mW/g

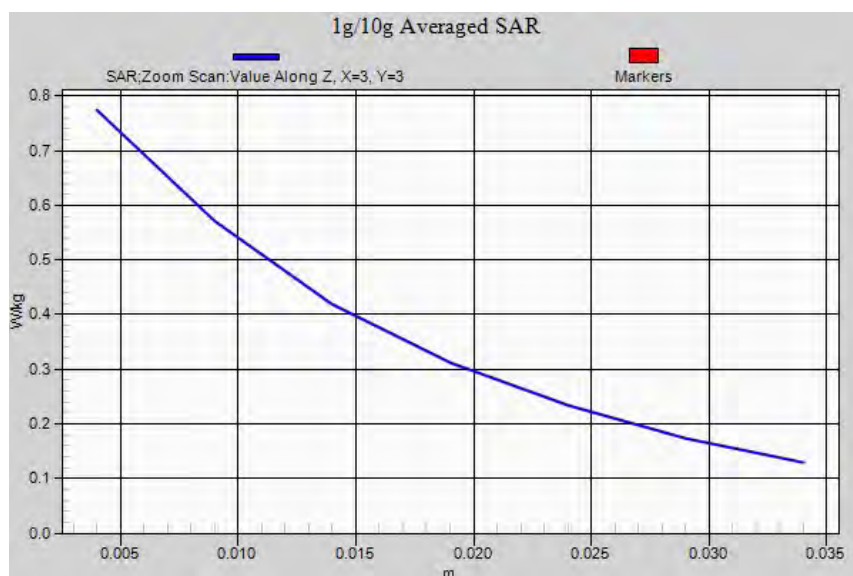
SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.524 mW/g

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

Maximum value of SAR (measured) = 0.774 W/kg



0 dB = 0.806 W/kg = -1.87 dB W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA850 4182CH Rear side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.709 W/kg

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

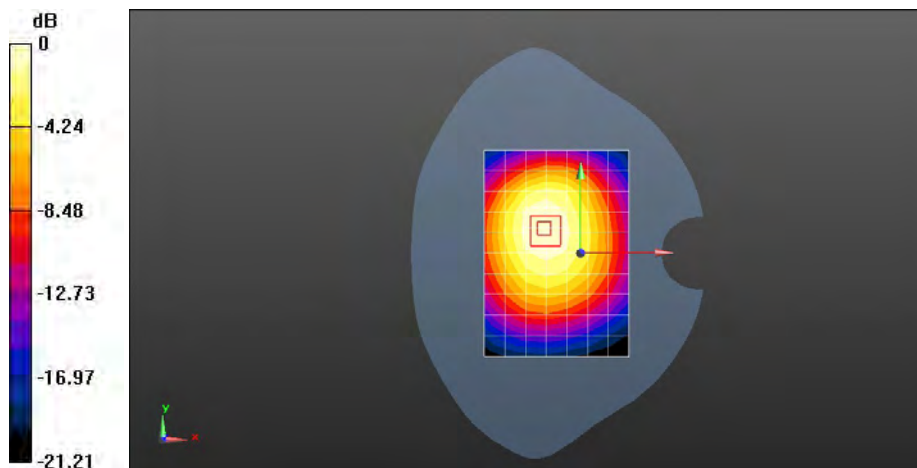
Reference Value = 24.125 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.922 mW/g

SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.487 mW/g

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

Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.709 W/kg = -2.99 dB W/kg

Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA850 4182CH Right side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.0761 W/kg

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

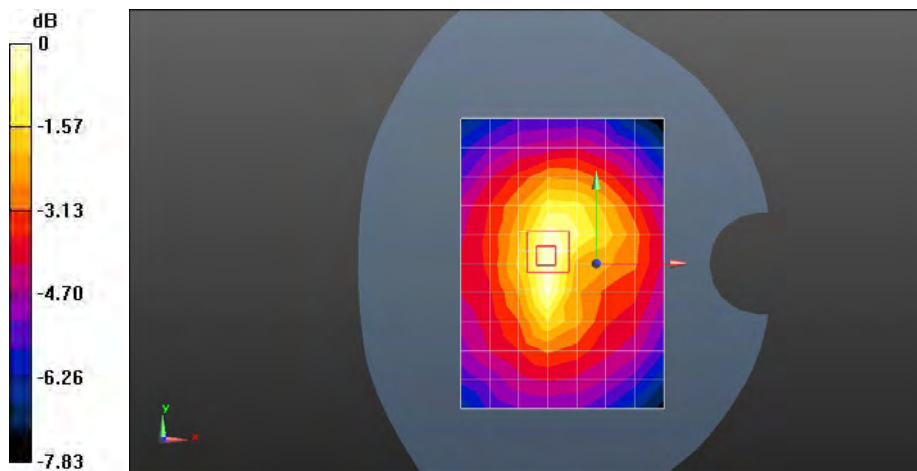
Reference Value = 7.788 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.115 mW/g

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.044 mW/g

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

Maximum value of SAR (measured) = 0.0755 W/kg



0 dB = 0.0761 W/kg = -22.37 dB W/kg

Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA850 4182CH Top side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.368 W/kg

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

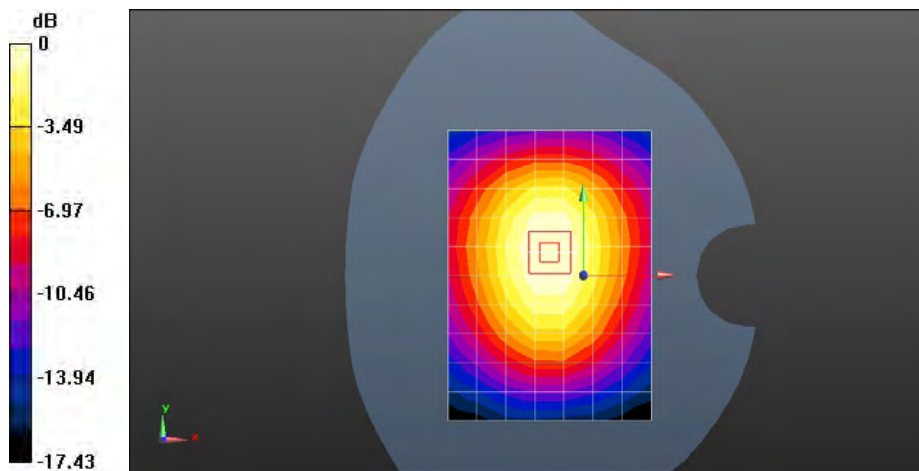
Reference Value = 19.397 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.512 mW/g

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.257 mW/g

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

Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.368 W/kg = -8.68 dB W/kg

Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA850 4182CH Bottom side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.381 W/kg

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

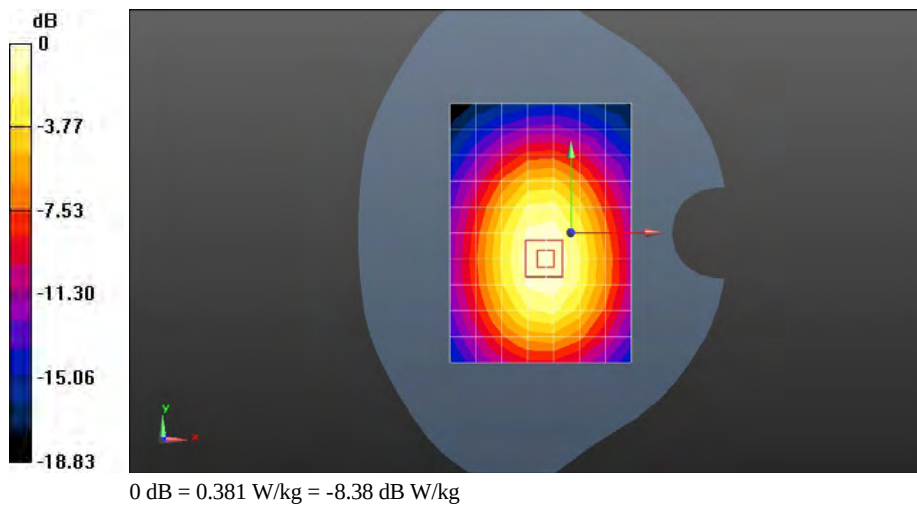
Reference Value = 19.036 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.531 mW/g

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.262 mW/g

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

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



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9538CH Front side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.543 \text{ mho/m}$; $\epsilon_r = 53.795$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.808 W/kg

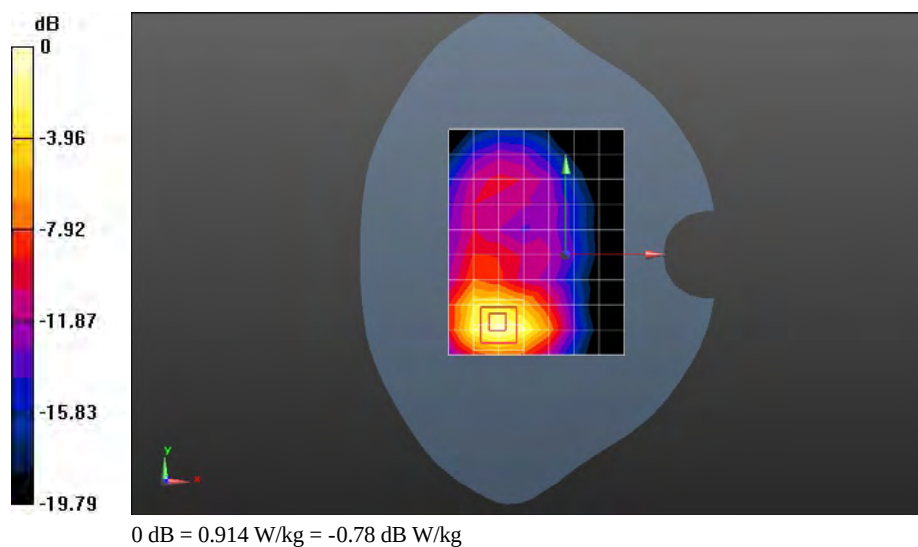
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.736 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.431 mW/g

SAR(1 g) = 0.825 mW/g ; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.914 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9400CH Front side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.873 W/kg

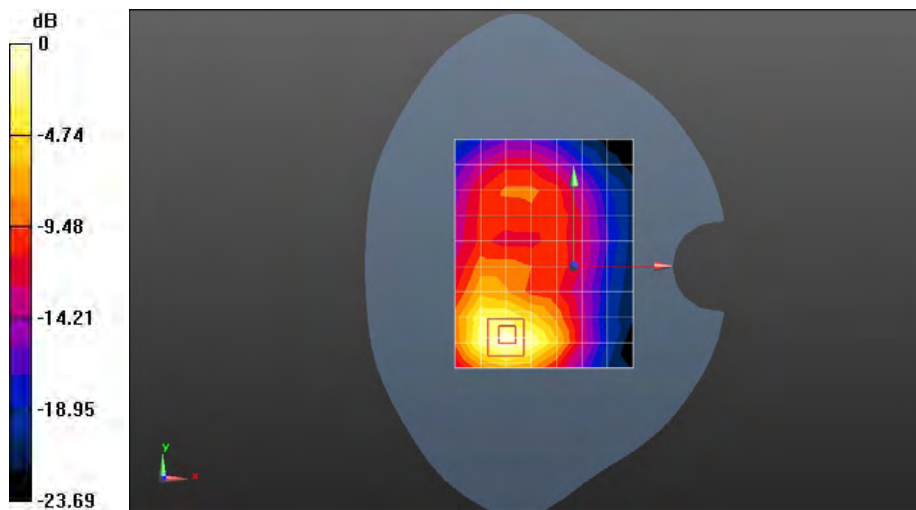
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.187 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.552 mW/g

SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.986 W/kg



0 dB = 0.873 W/kg = -1.18 dB W/kg

Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9262CH Front side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 53.889$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.627 W/kg

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

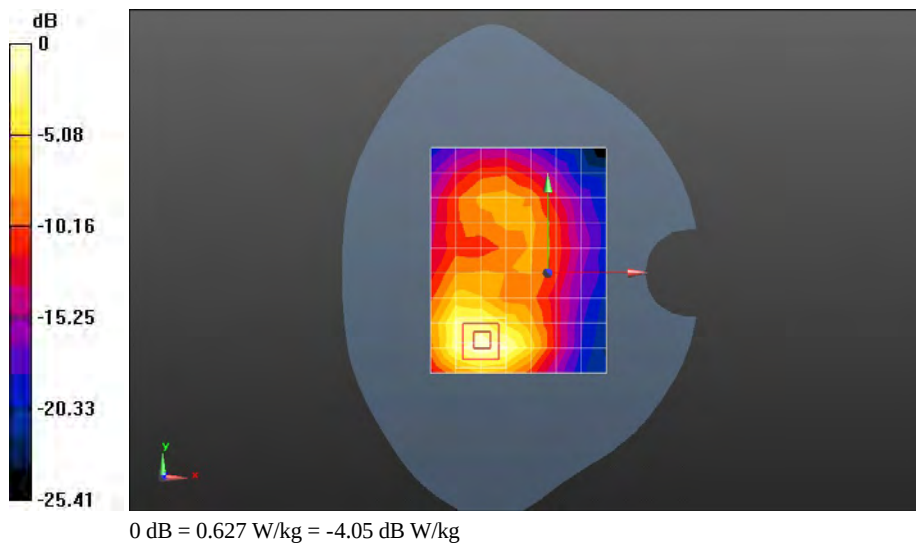
Reference Value = 7.990 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.114 mW/g

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.340 mW/g

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

Maximum value of SAR (measured) = 0.716 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9400CH Rear side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

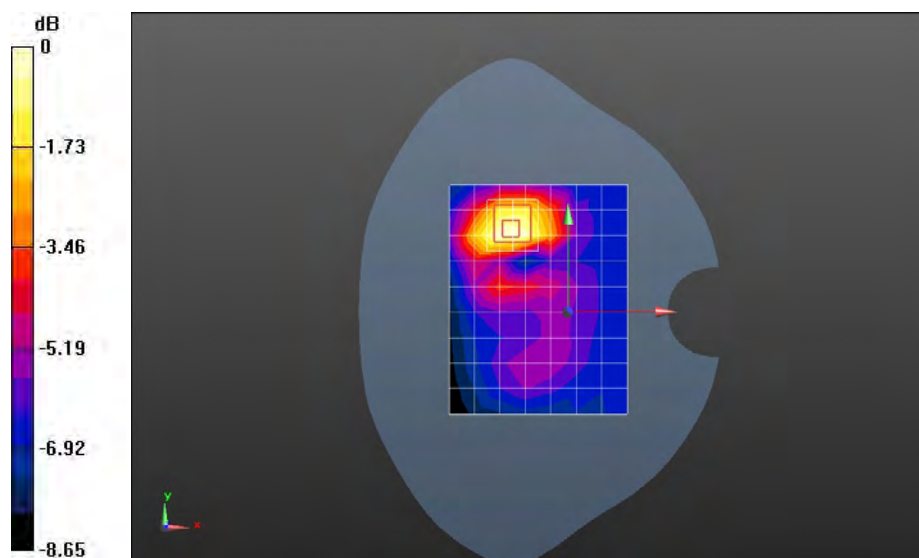
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.721 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.999 mW/g

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.602 W/kg = -4.41 dB W/kg

Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9538CH Right side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.543$ mho/m; $\epsilon_r = 53.795$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

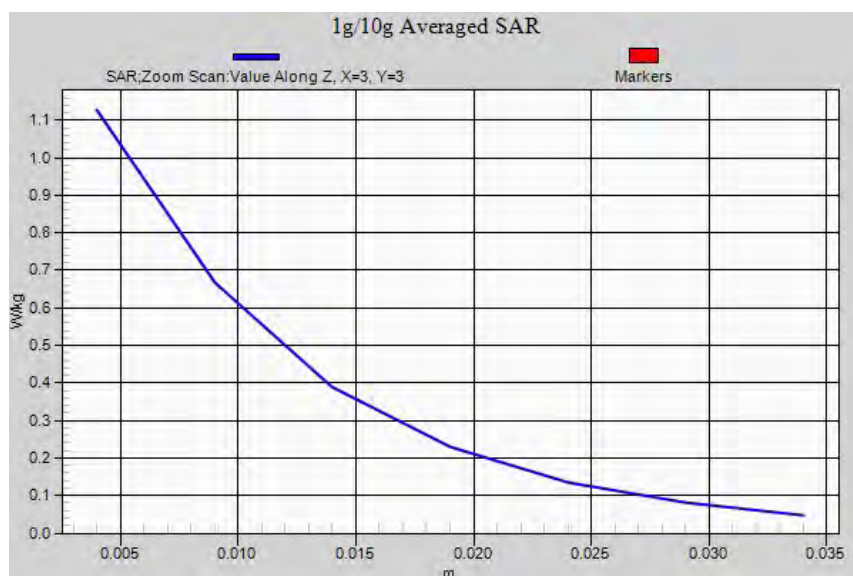
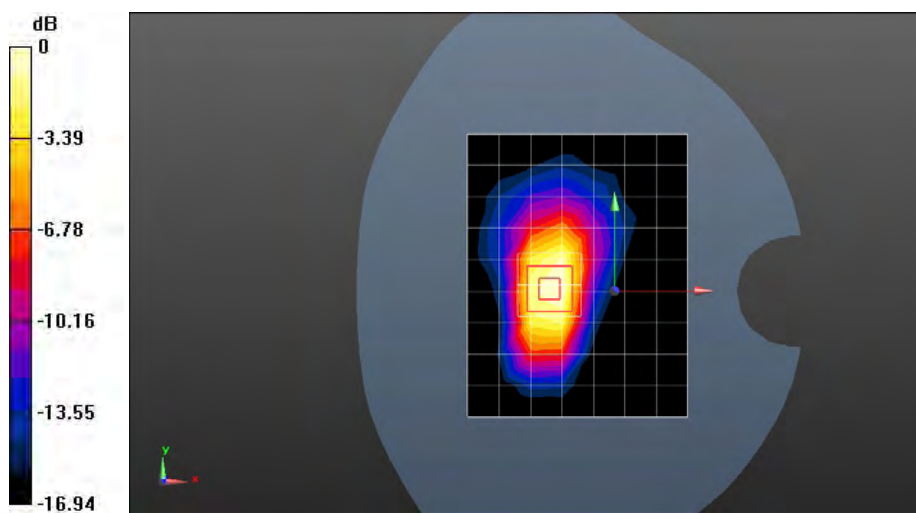
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.327 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.718 mW/g

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.507 mW/g

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



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9400CH Right side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.729 W/kg

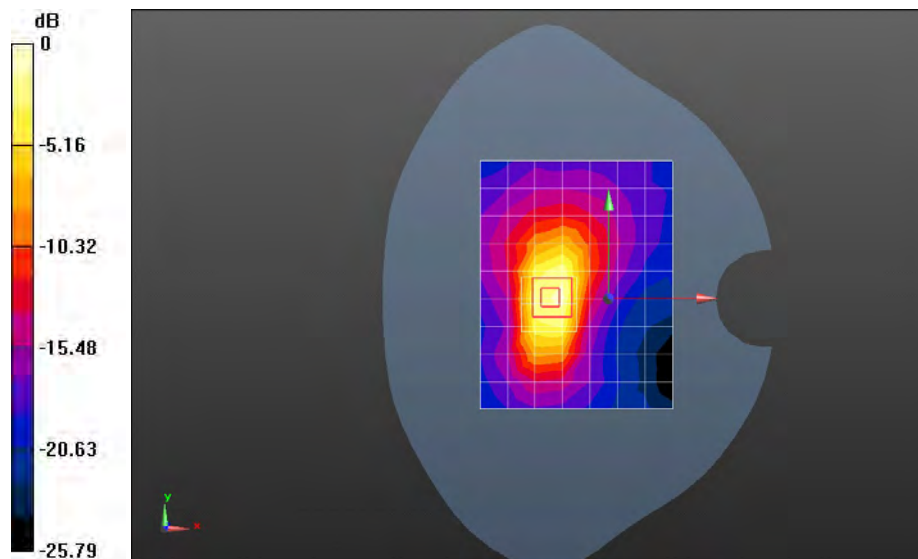
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.248 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.457 mW/g

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.437 mW/g

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



0 dB = 0.949 W/kg = -0.45 dB W/kg

Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9262CH Right side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 53.889$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.489 W/kg

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

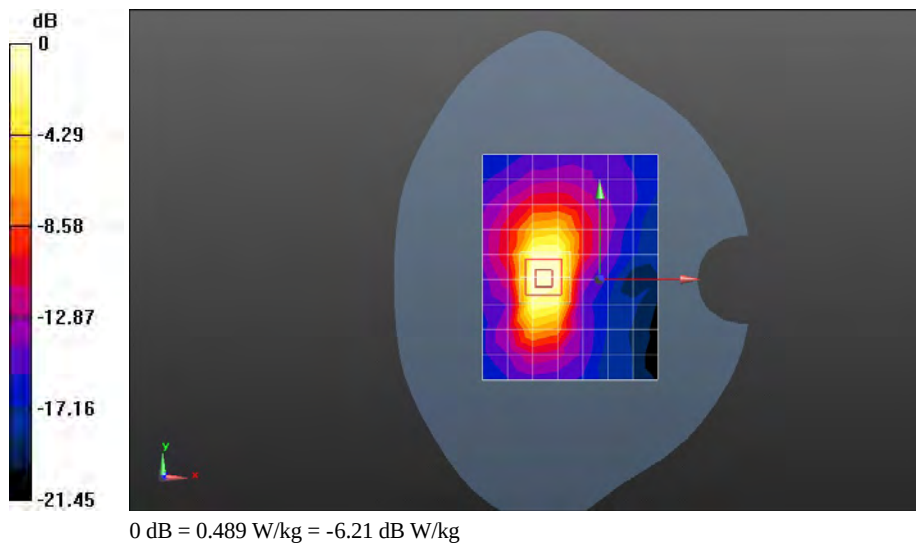
Reference Value = 8.213 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.042 mW/g

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.311 mW/g

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

Maximum value of SAR (measured) = 0.699 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9400CH Top side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.163 W/kg

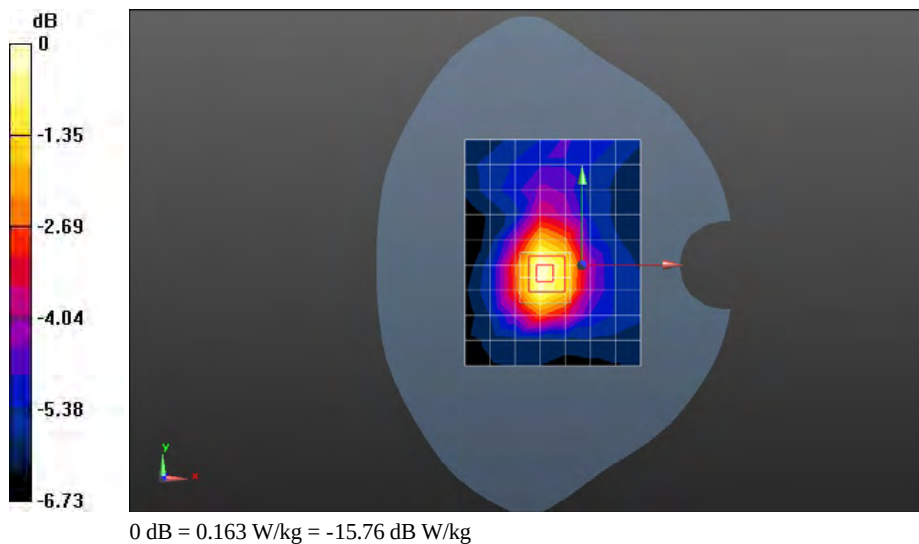
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.439 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.227 mW/g

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.169 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WCDMA1900 9400CH Bottom side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.504$ mho/m; $\epsilon_r = 53.778$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.14, 7.14, 7.14); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.208 W/kg

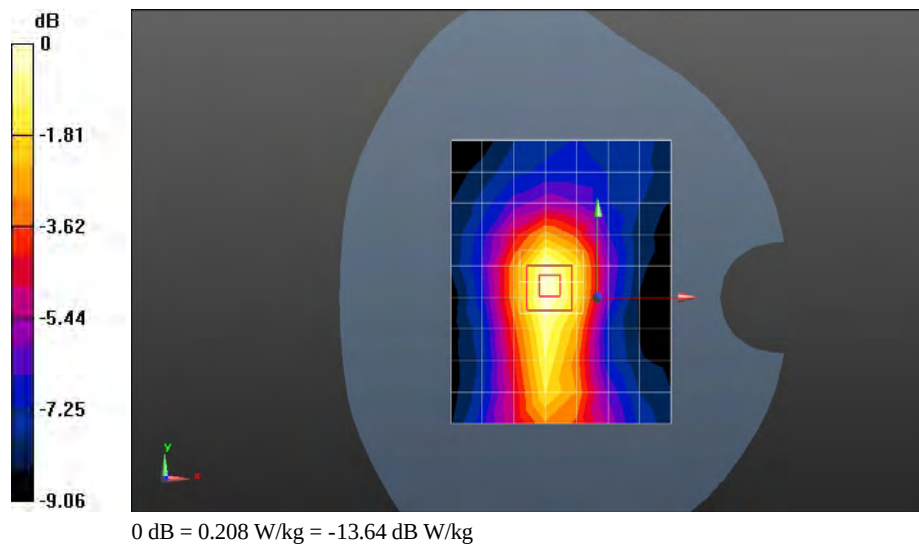
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.640 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.300 mW/g

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.219 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Front side 10mm with EVDO Rev.0**DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.765 W/kg

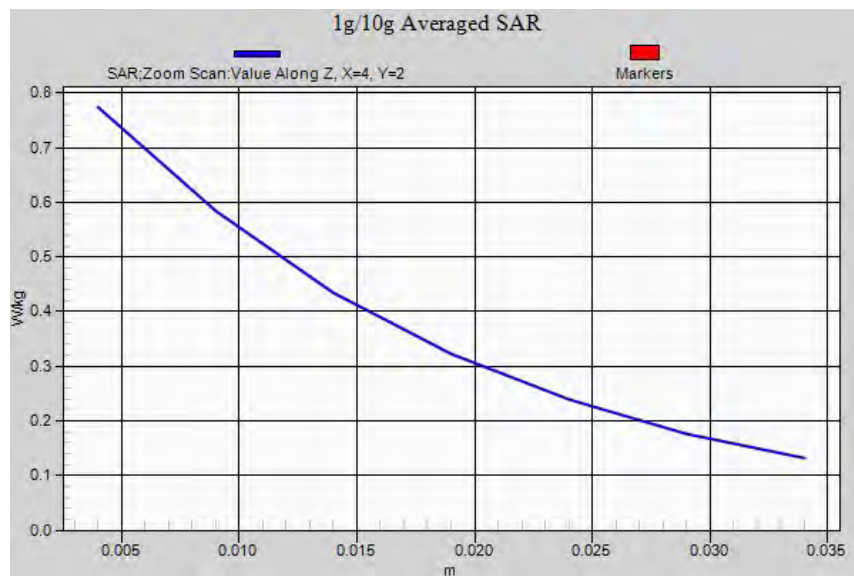
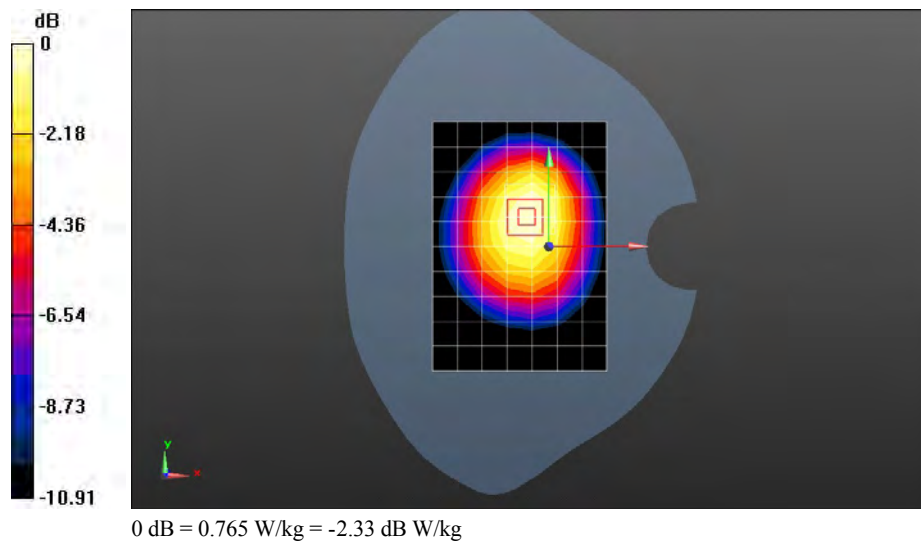
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.673 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.004 mW/g

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.525 mW/g

Maximum value of SAR (measured) = 0.774 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Rear side 10mm with EVDO Rev.0

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.704 W/kg

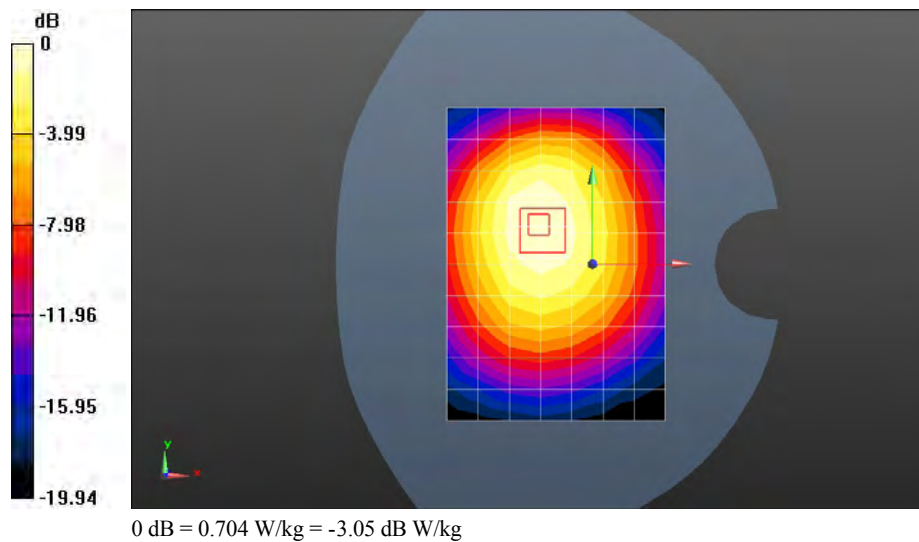
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.891 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.909 mW/g

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.707 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Right side 10mm with EVDO Rev.0

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0717 W/kg

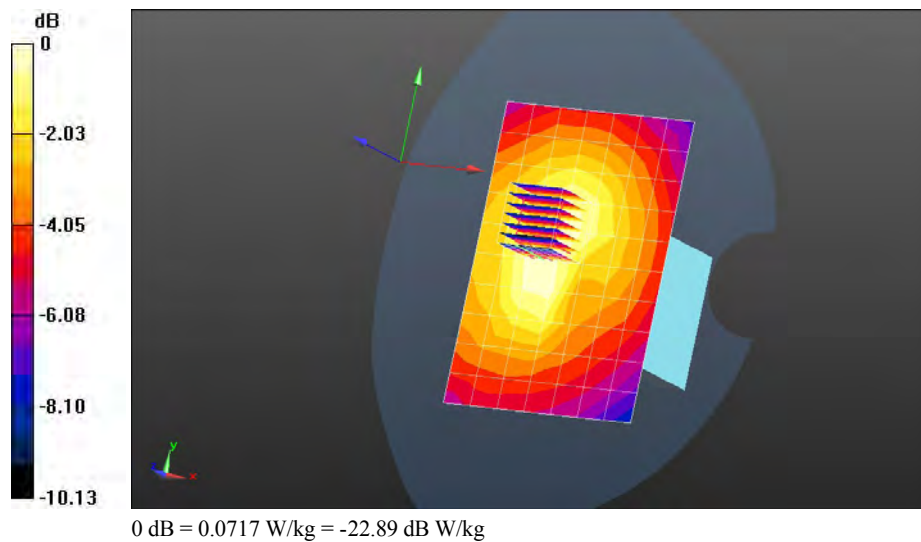
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.892 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.116 mW/g

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.0752 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Top side 10mm with EVDO Rev.0

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.401 W/kg

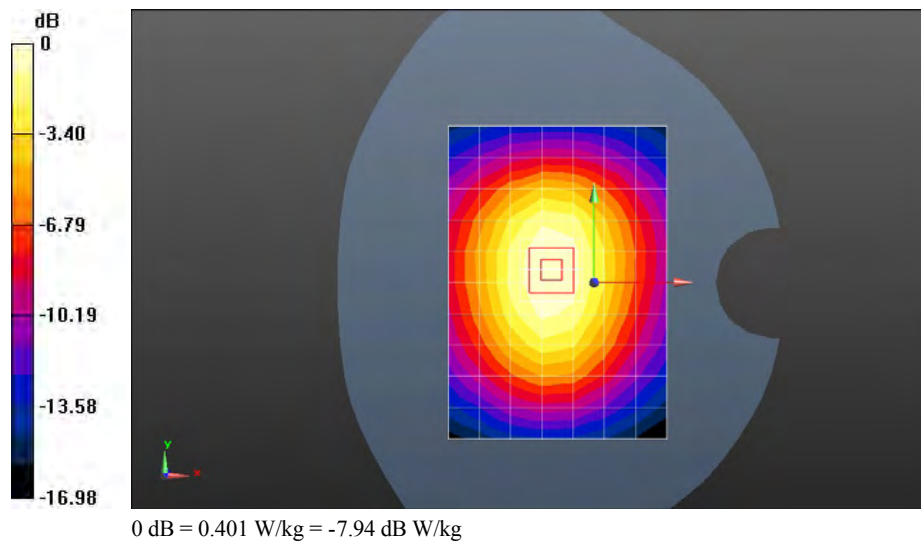
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.386 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.527 mW/g

SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.409 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Bottom side 10mm with EVDO Rev.0

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.411 W/kg

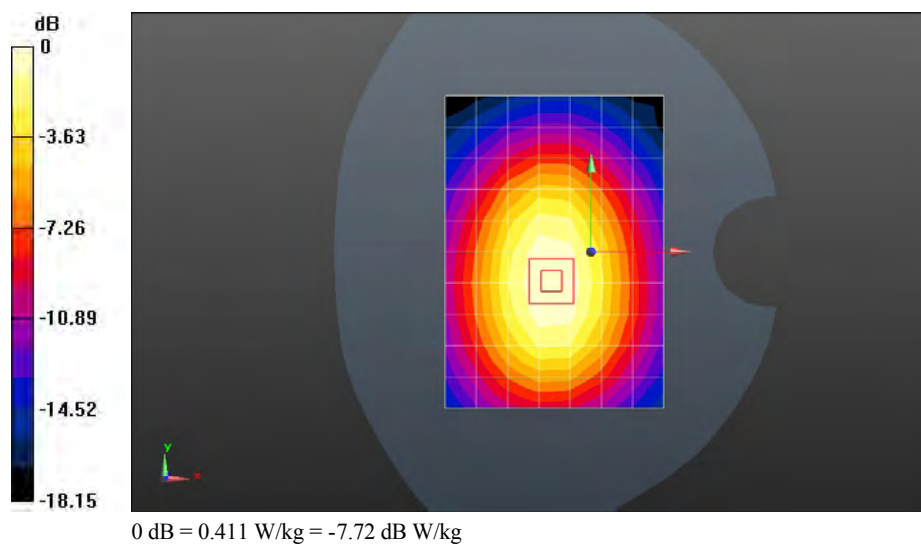
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.007 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.570 mW/g

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.436 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Front side 10mm with CDMA 1xRTT

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.732 W/kg

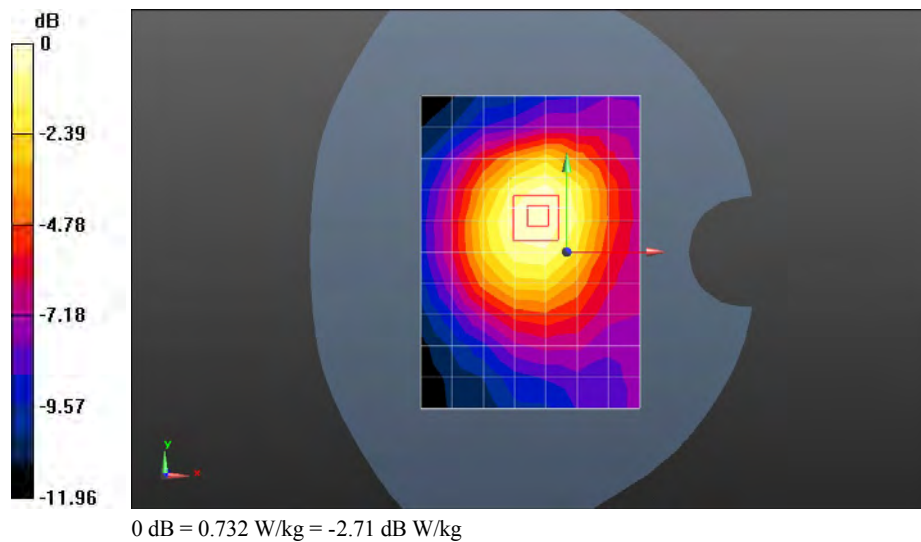
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.927 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.946 mW/g

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.489 mW/g

Maximum value of SAR (measured) = 0.734 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Front side 10mm with EVDO Rev.A

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

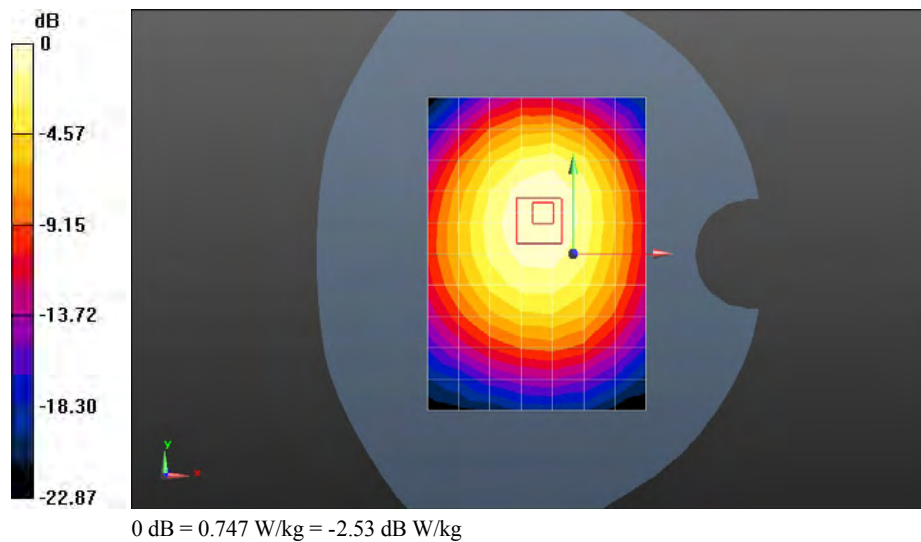
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.603 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.997 mW/g

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.773 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Front side 10mm with EVDO Rev.B Double carriers

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma_s = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho_s = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.332 W/kg

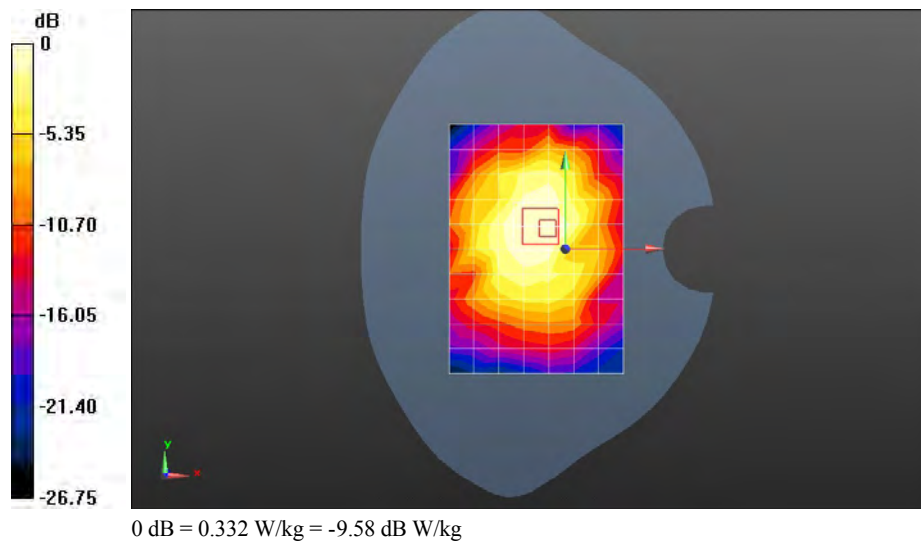
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.282 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.686 mW/g

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.350 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 CDMA800 384CH Front side 10mm with EVDO Rev.B Three carriers

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.986$ mho/m; $\epsilon_r = 55.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.1(838); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.389 W/kg

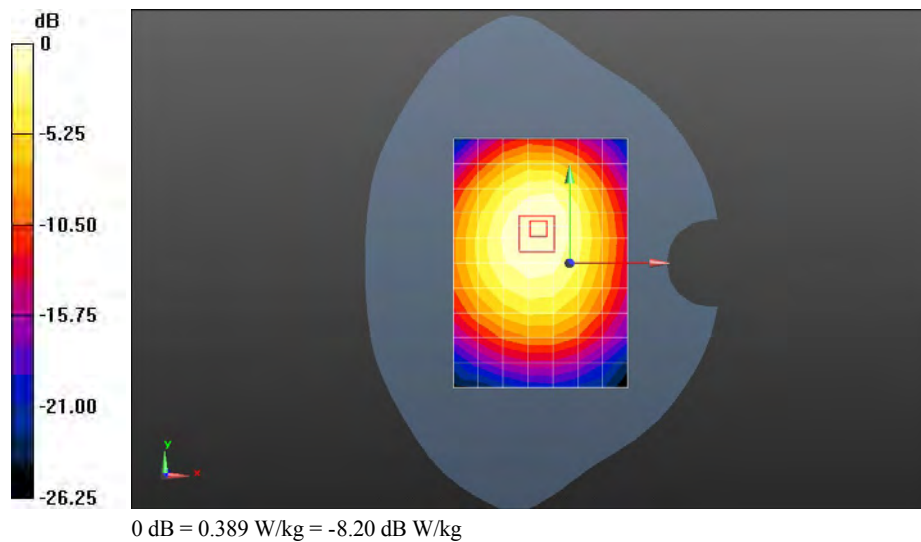
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.437 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.521 mW/g

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.406 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WIFI 802.11b 1CH Front side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.115 W/kg

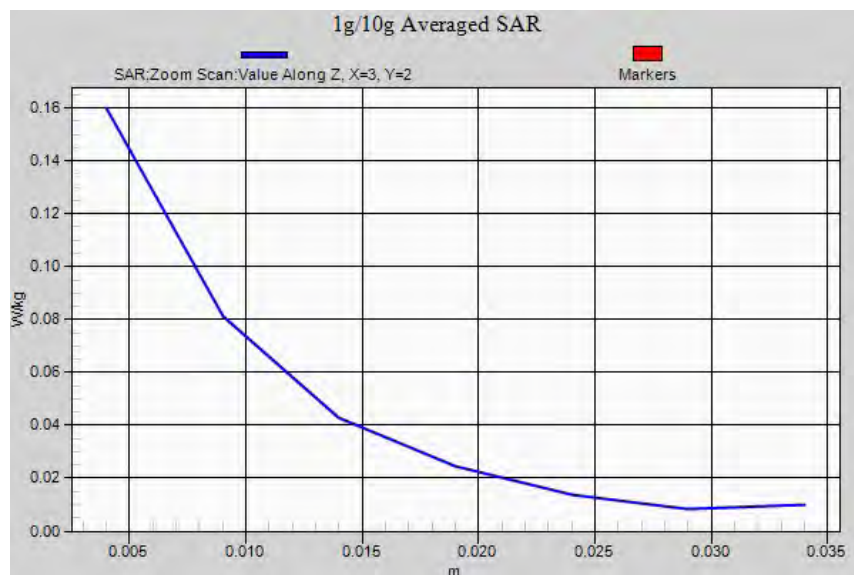
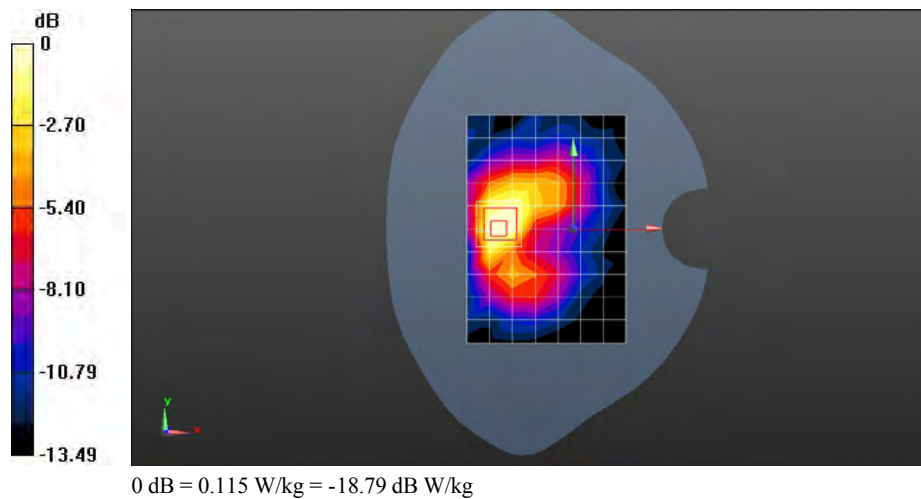
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.058 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.285 mW/g

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.160 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WIFI 802.11b 1CH Rear side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0$, 31.0
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0267 W/kg

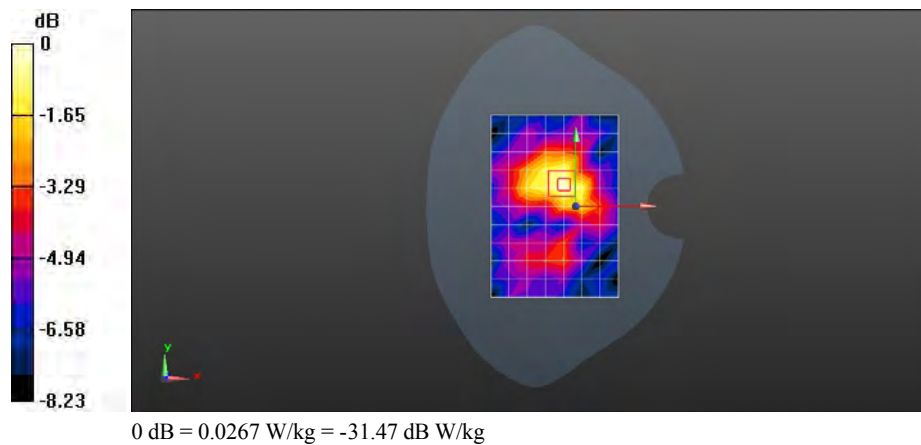
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.167 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.047 mW/g

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.0282 W/kg



Test Laboratory: HUAWEI SAR Lab

HWD11 WIFI 802.11b 1CH Top side 10mm

DUT: CDMA HWD11; Type: Mobile WiFi; Serial: SAR1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.85, 6.85, 6.85); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.2(969); SEMCAD X 14.6.6(6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0940 W/kg

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

Reference Value = 5.896 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.161 mW/g

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.0964 W/kg

