



Appendix B. SAR Measurement Plots

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GSM 850 MHz Body
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WiFi 2450 MHz Body

Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 251CH Front Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 849$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 52.954$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.733 W/kg

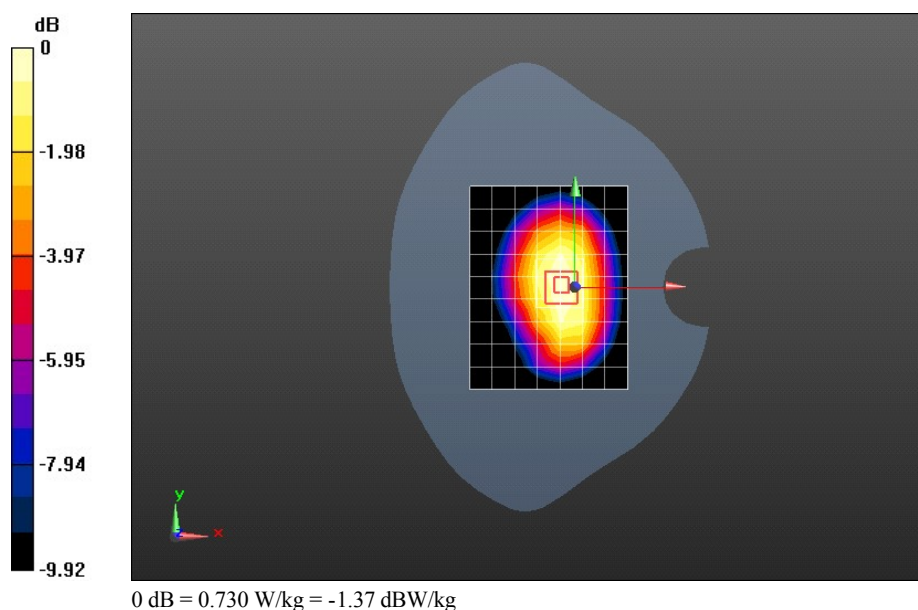
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.642 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 0.730 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 190CH Front Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 53.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

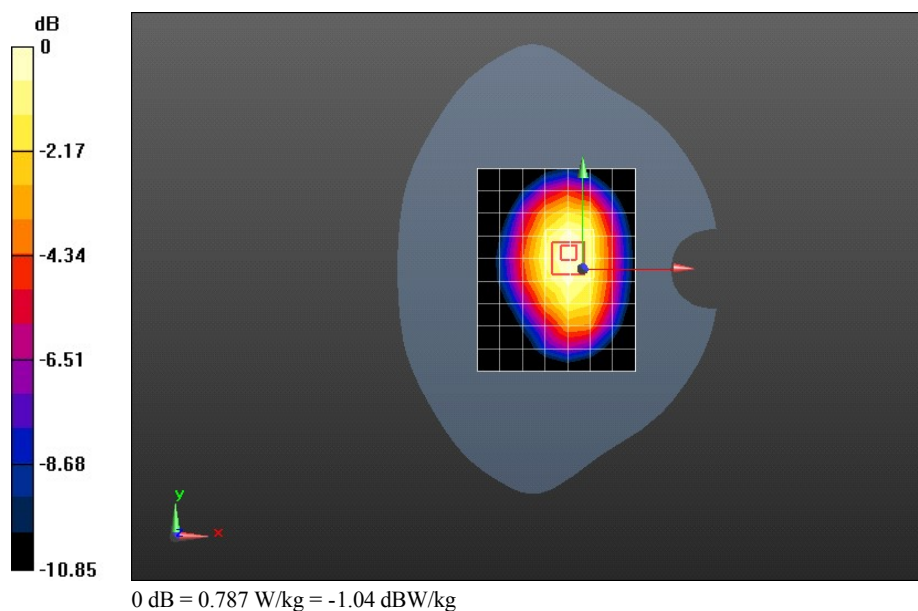
Maximum value of SAR (measured) = 0.787 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.278 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.502 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 128CH Front Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 824.4 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 824.4$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.219$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.849 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

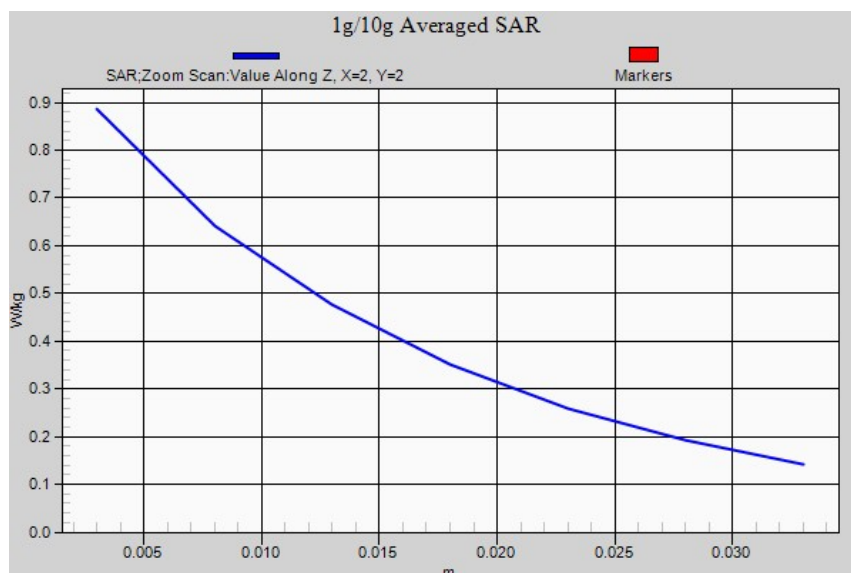
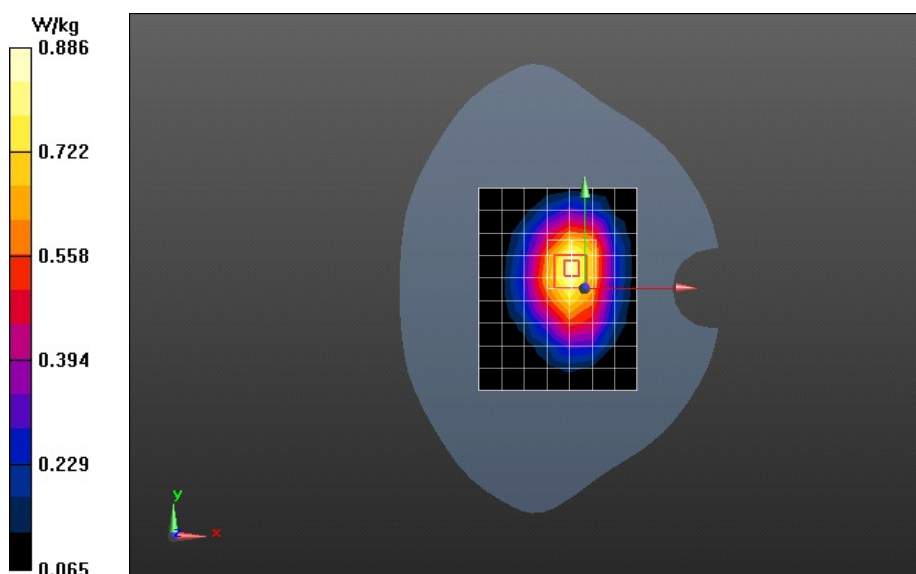
Reference Value = 26.974 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.557 W/kg

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

Maximum value of SAR (measured) = 0.886 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 251CH Back Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 849$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 52.954$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.724 W/kg

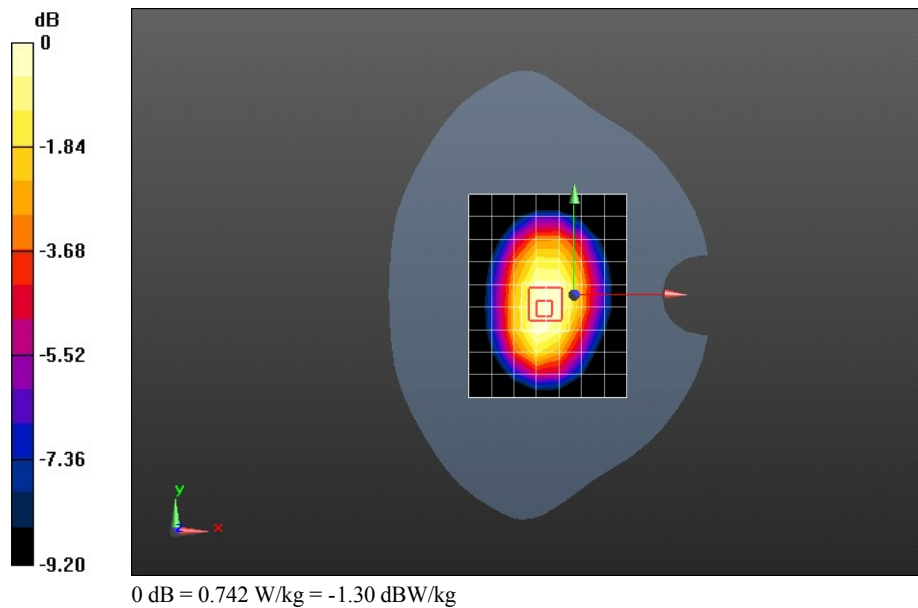
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.628 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.881 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 0.742 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 190CH Back Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 53.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

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

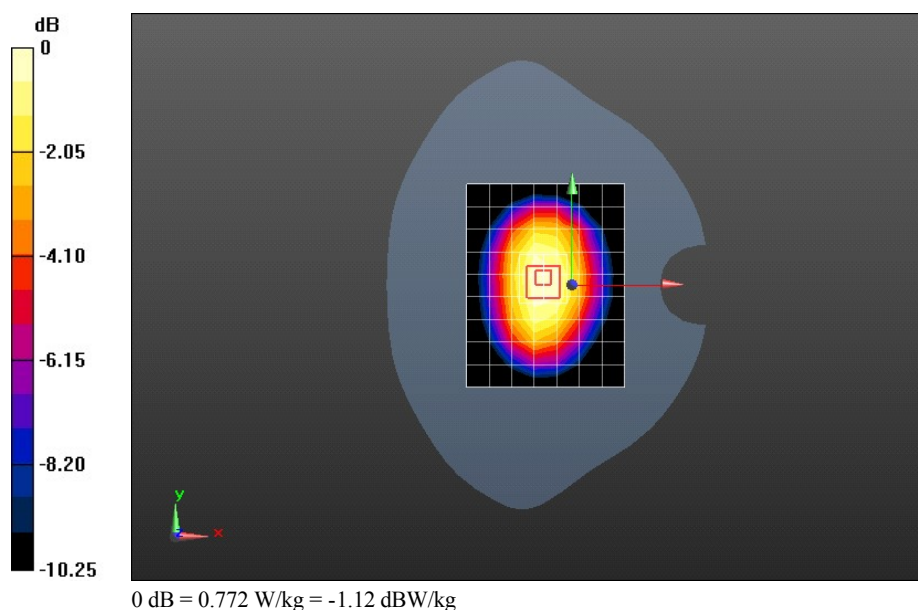
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.413 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.502 W/kg

Maximum value of SAR (measured) = 0.772 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 128CH Back Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 824.4 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 824.4$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.219$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.834 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

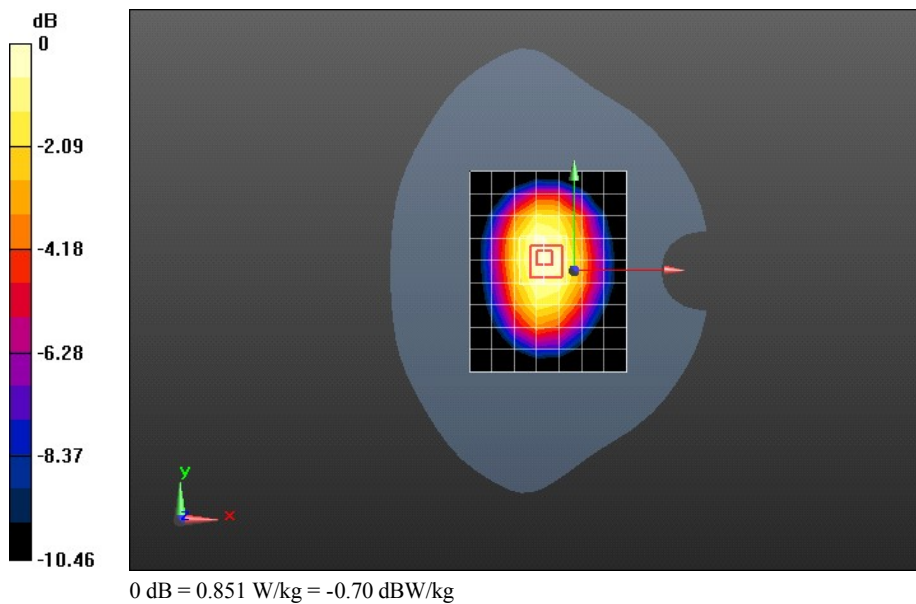
Reference Value = 28.452 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.551 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 190CH Right Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 53.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.161 W/kg

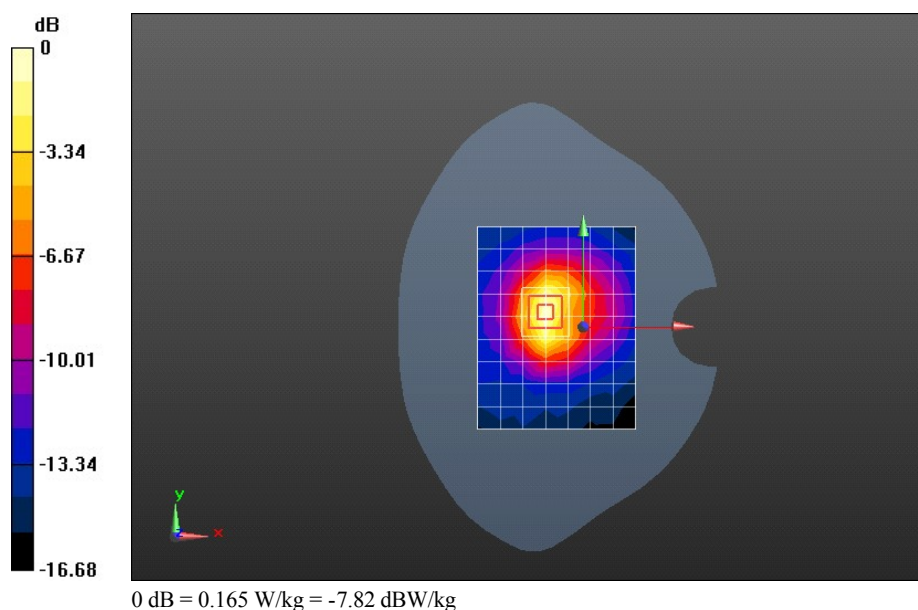
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.766 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 190CH Top Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 53.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.399 W/kg

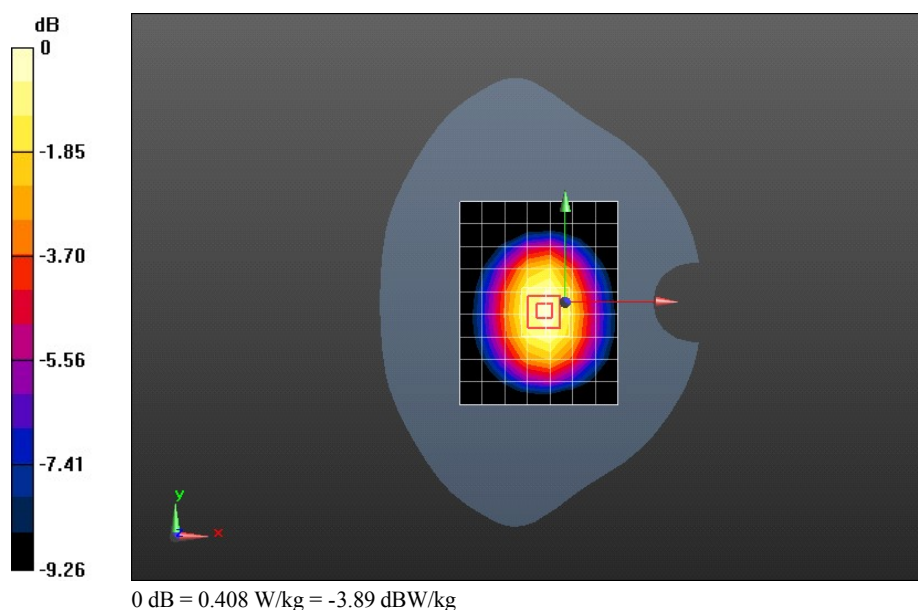
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.657 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.253 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 190CH Bottom Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 53.046$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

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

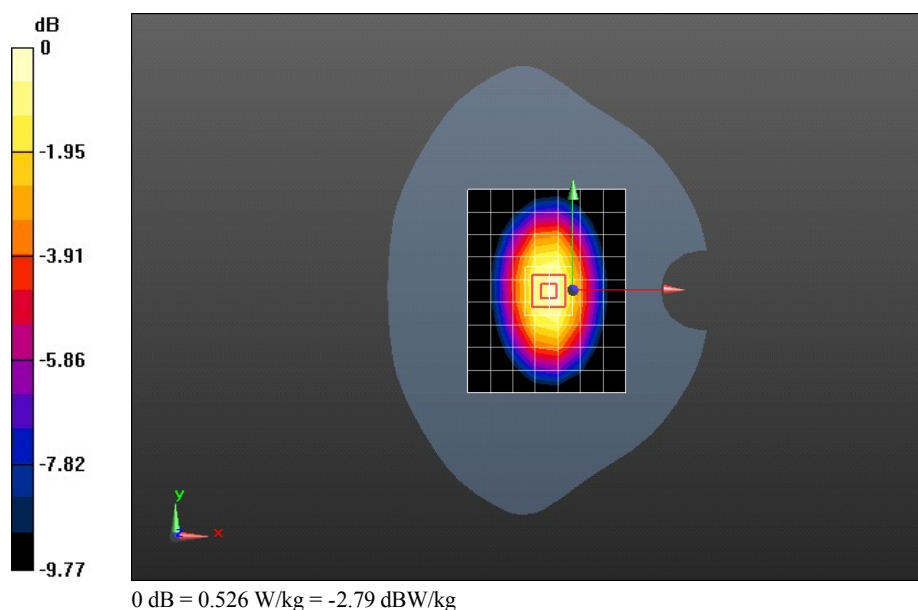
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.501 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 0.526 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM850 GPRS 2TS 128CH Front Side 10mm With battery 2#

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 824.4 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 824.4$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 53.219$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.885 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

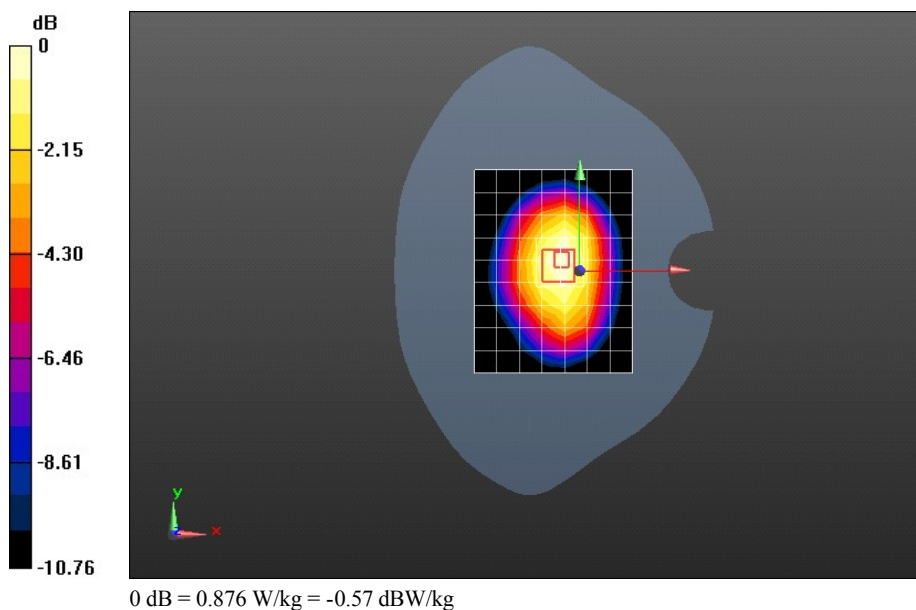
Reference Value = 29.005 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.555 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 661CH Front Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

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

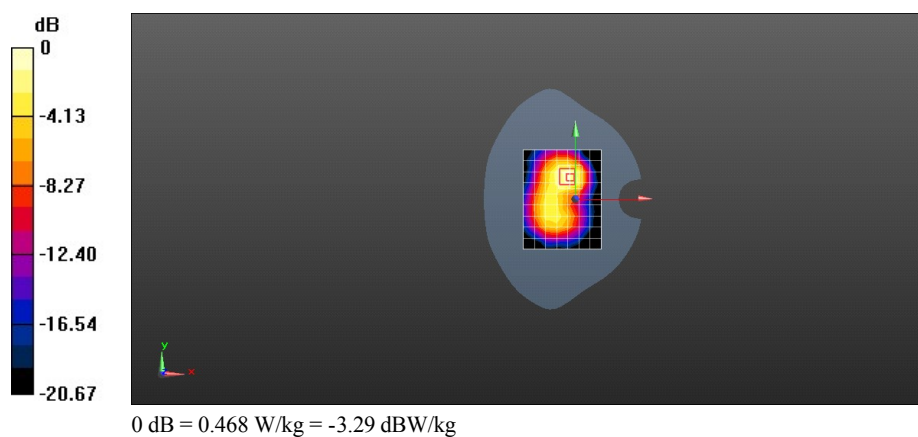
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.230 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.468 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 661CH Back Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

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

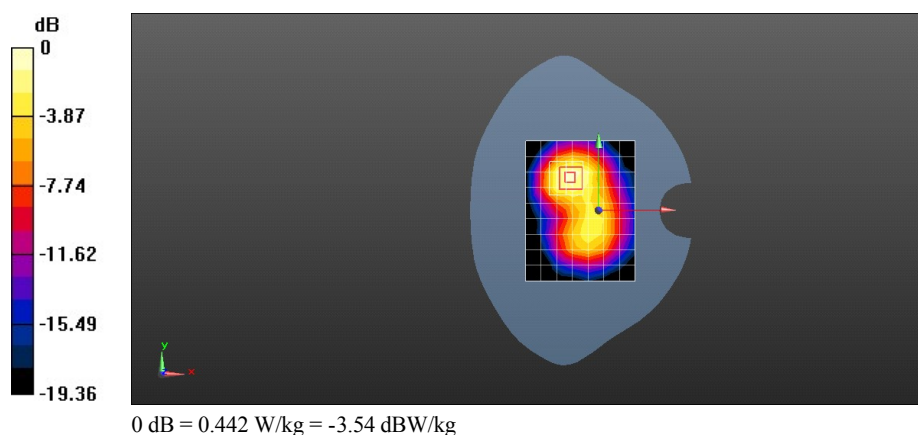
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.551 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.442 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 810CH Right Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.568$ S/m; $\epsilon_r = 51.948$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.691 W/kg

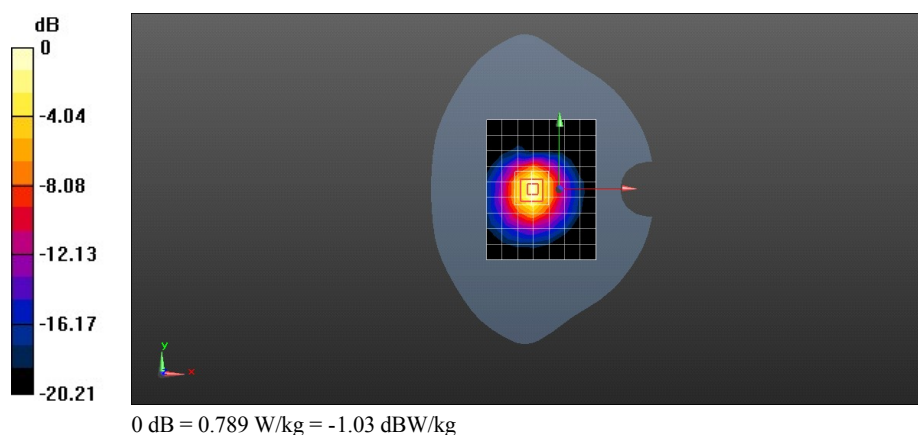
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.945 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.789 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 661CH Right Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

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

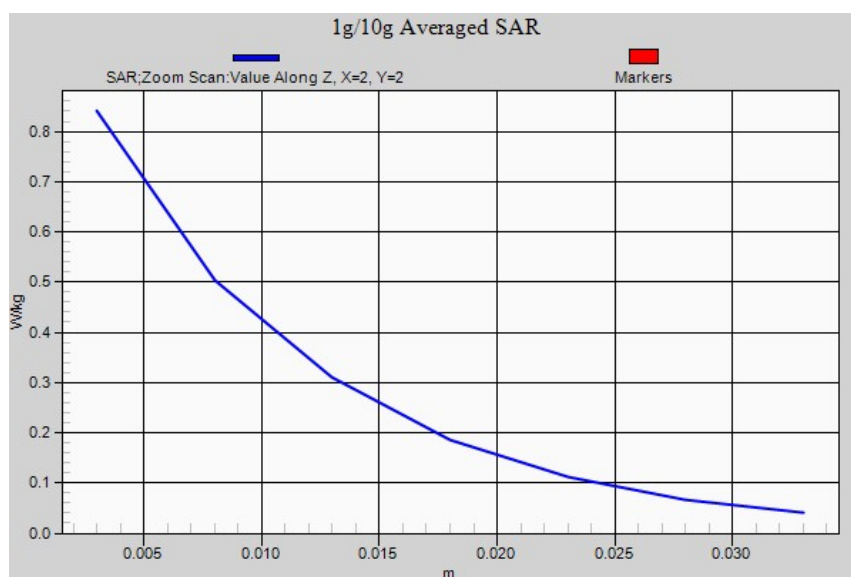
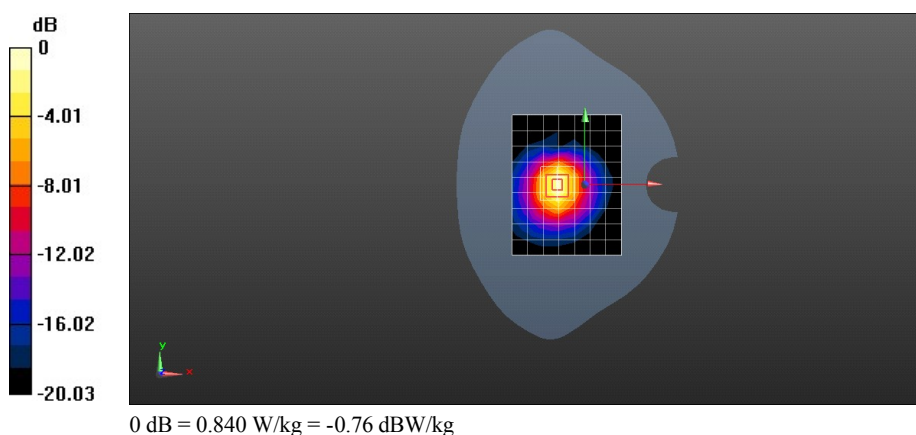
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.583 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.840 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 512CH Right Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 52.183$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.634 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

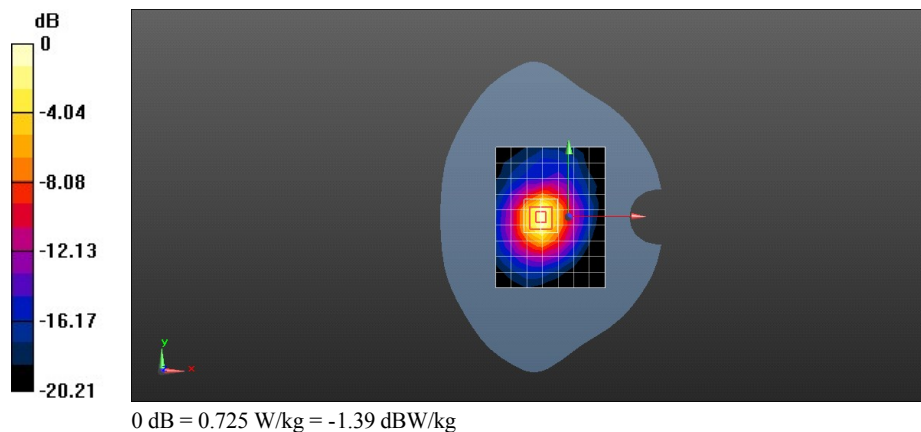
Reference Value = 16.501 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.306 W/kg

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

Maximum value of SAR (measured) = 0.725 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 661CH Top Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.171 W/kg

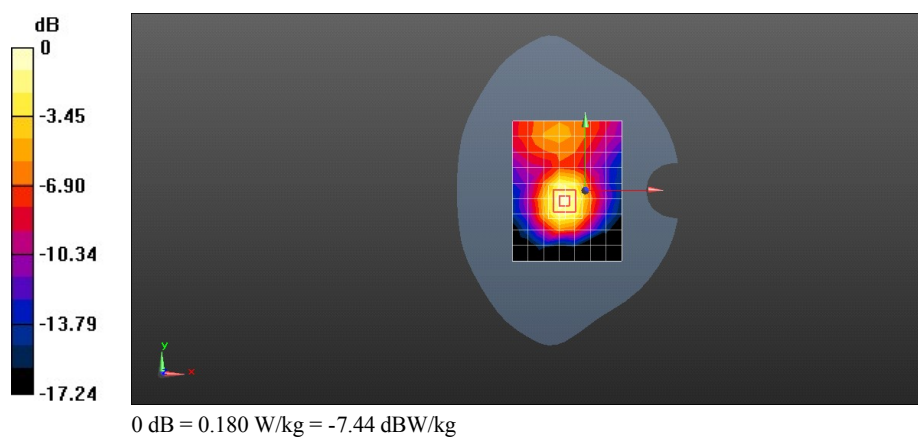
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.456 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 661CH Bottom Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.175 W/kg

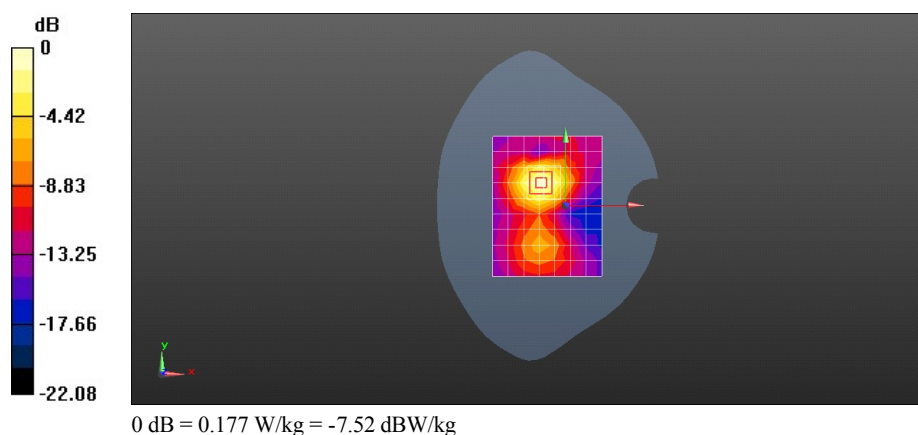
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.611 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.177 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F GSM1900 GPRS 2TS 661CH Right Side 10mm with battery 2#

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.544$ S/m; $\epsilon_r = 52.015$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.565 W/kg

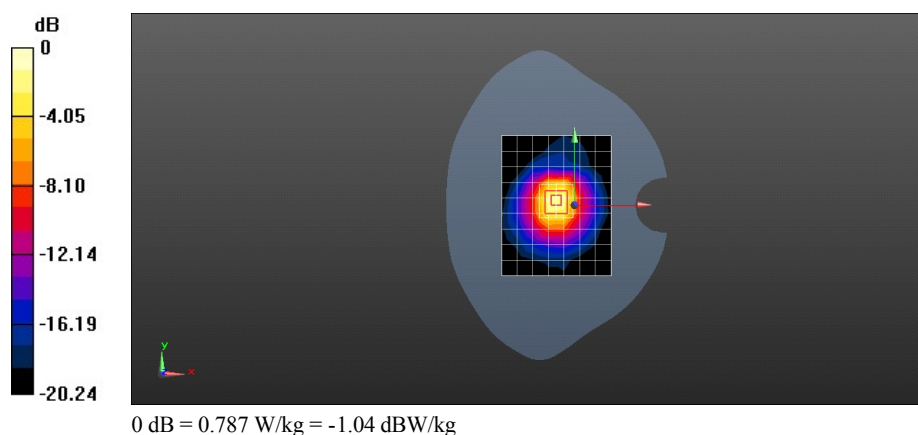
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.763 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 0.787 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4233CH Front Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 52.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.789 W/kg

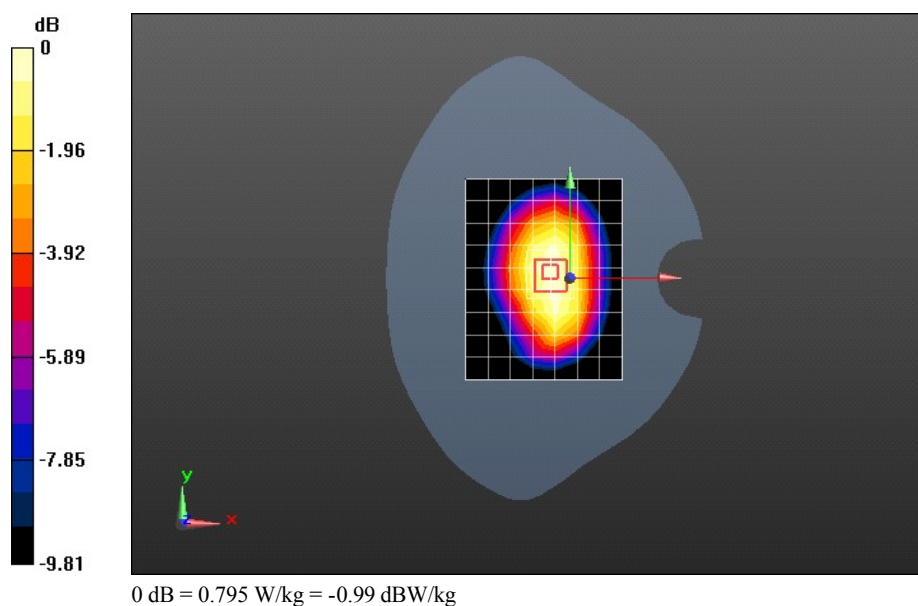
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.189 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.945 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.523 W/kg

Maximum value of SAR (measured) = 0.795 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4182CH Front Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 53.048$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.866 W/kg

Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

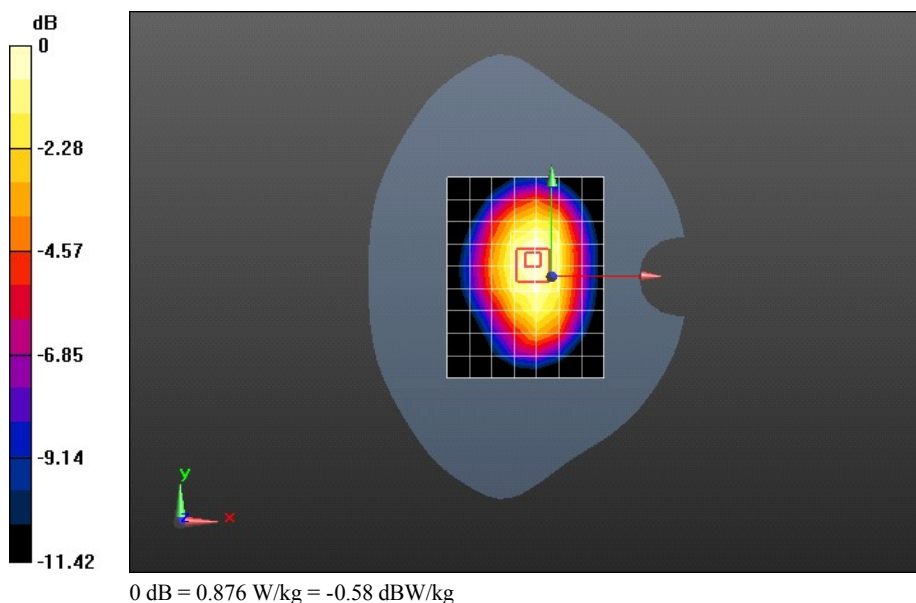
Reference Value = 28.390 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.564 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4132CH Front Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.241$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.986 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

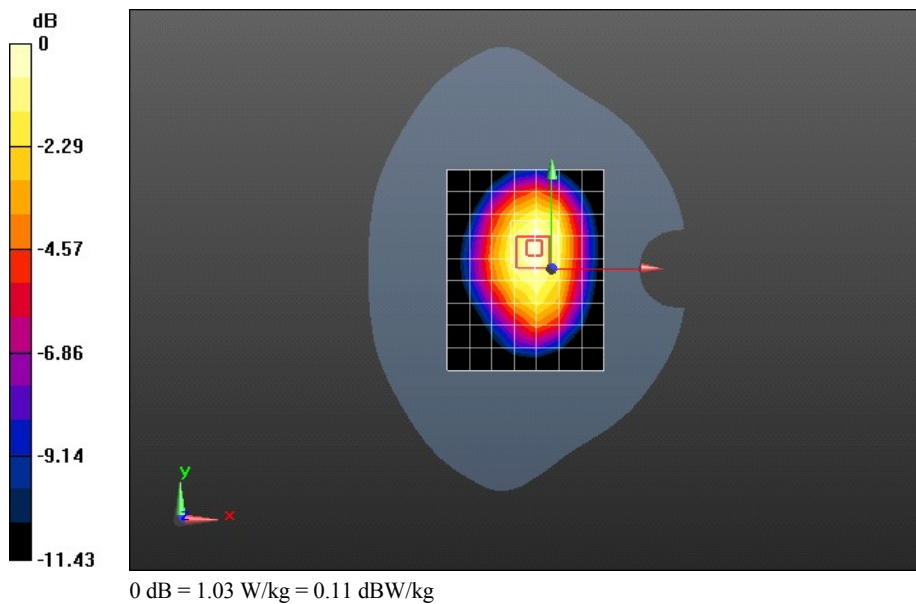
Reference Value = 29.746 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.645 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4233CH Back Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 847$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 52.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.742 W/kg

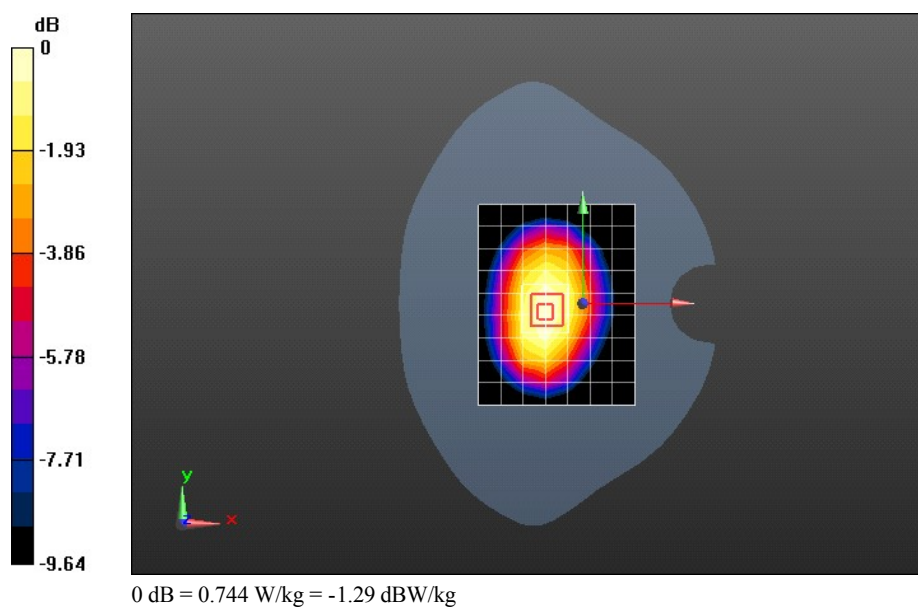
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.957 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.489 W/kg

Maximum value of SAR (measured) = 0.744 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4182CH Back Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 53.048$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.896 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

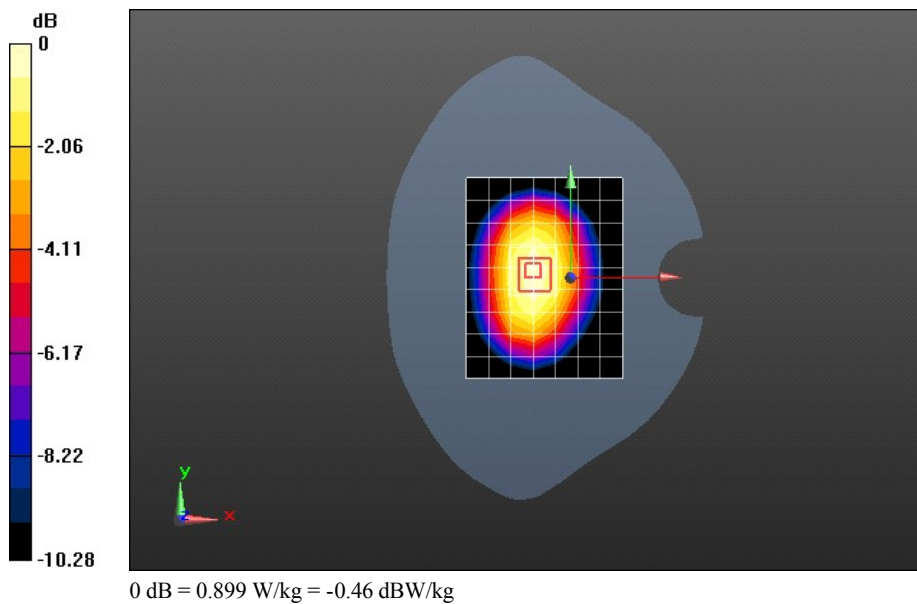
Reference Value = 28.620 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.585 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4132CH Back Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.241$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.962 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

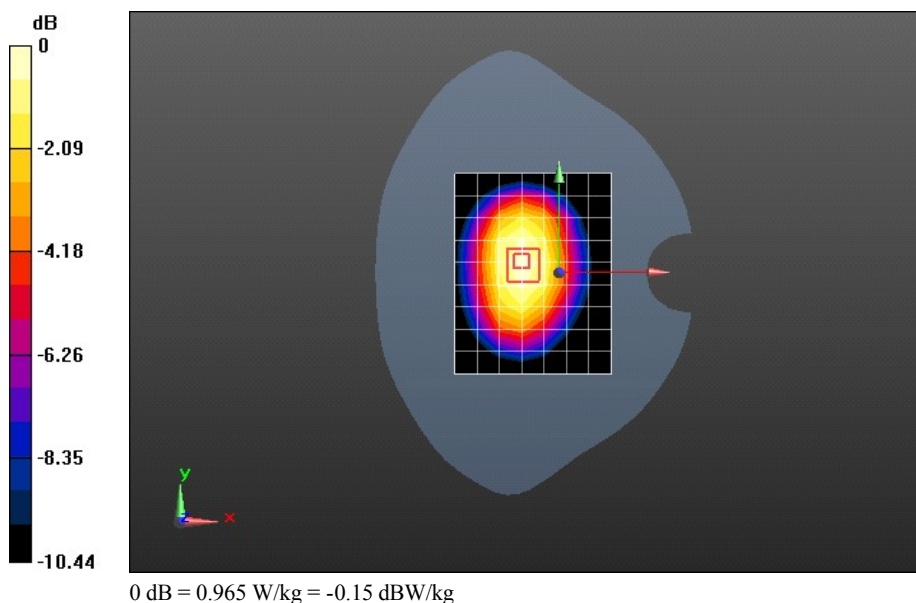
Reference Value = 29.340 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.621 W/kg

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

Maximum value of SAR (measured) = 0.965 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4182CH Right Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 53.048$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.145 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

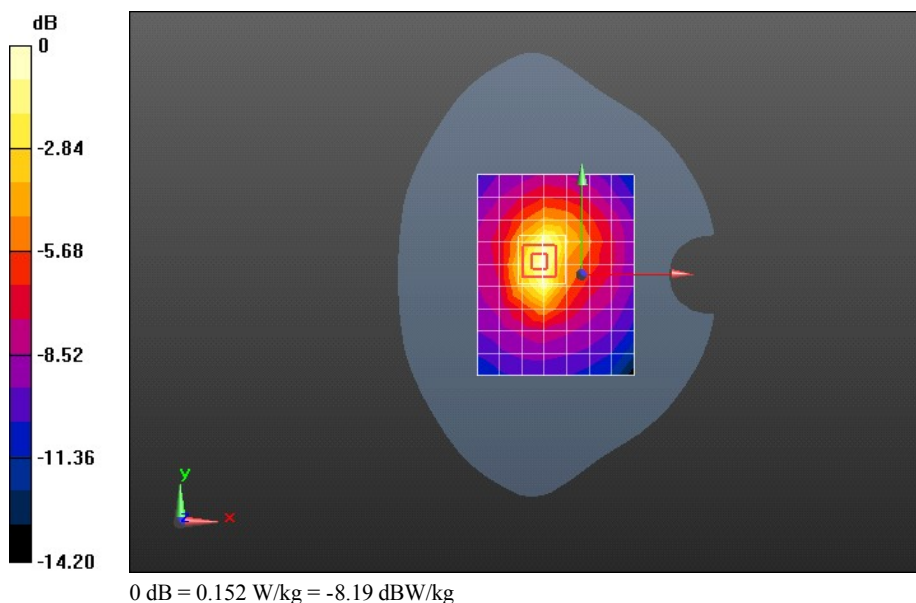
Reference Value = 8.439 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.069 W/kg

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

Maximum value of SAR (measured) = 0.152 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4182CH Top Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 53.048$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.461 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

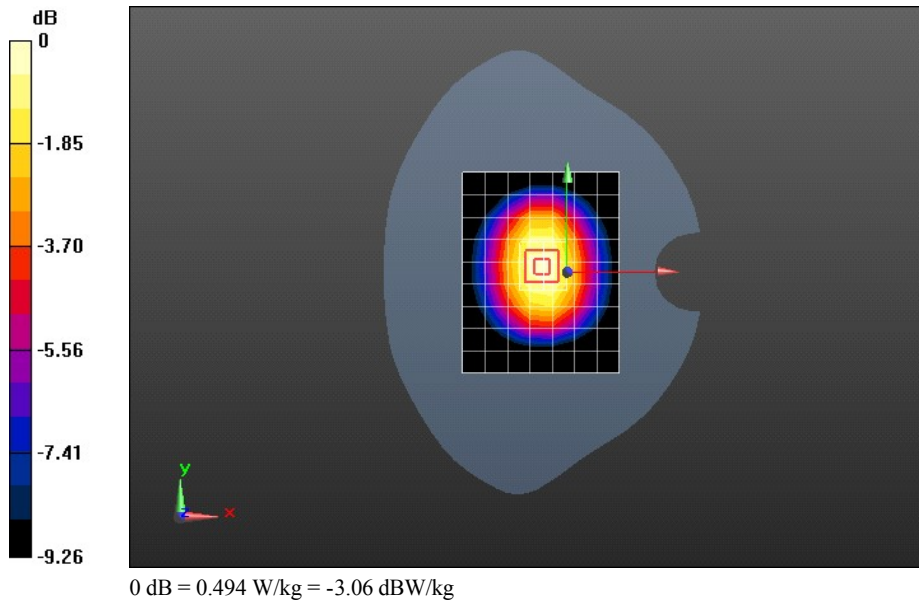
Reference Value = 21.803 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.308 W/kg

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

Maximum value of SAR (measured) = 0.494 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4182CH Bottom Side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 53.048$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 0.525 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

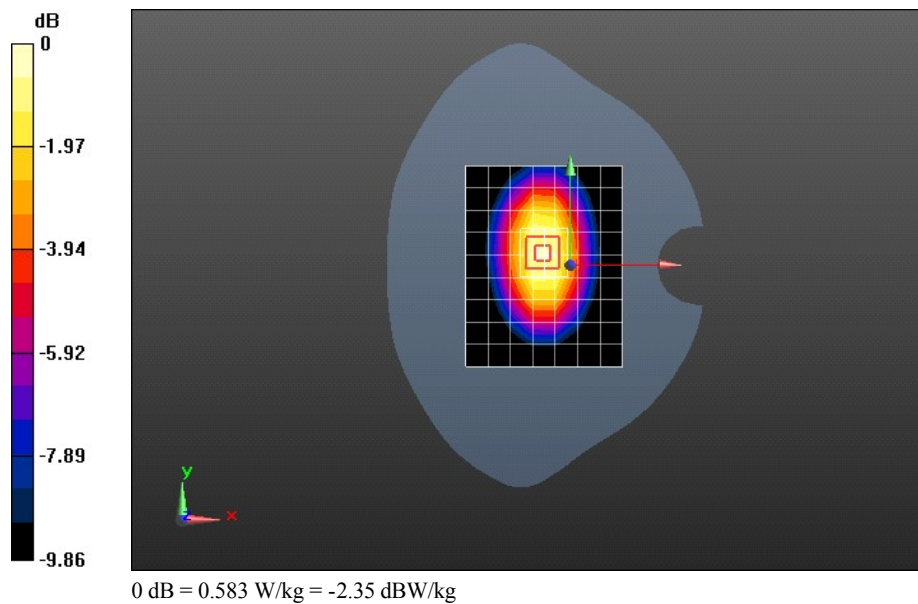
Reference Value = 23.050 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.349 W/kg

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

Maximum value of SAR (measured) = 0.583 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4132CH Front Side 10mm with battery 2#

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.241$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 1.01 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

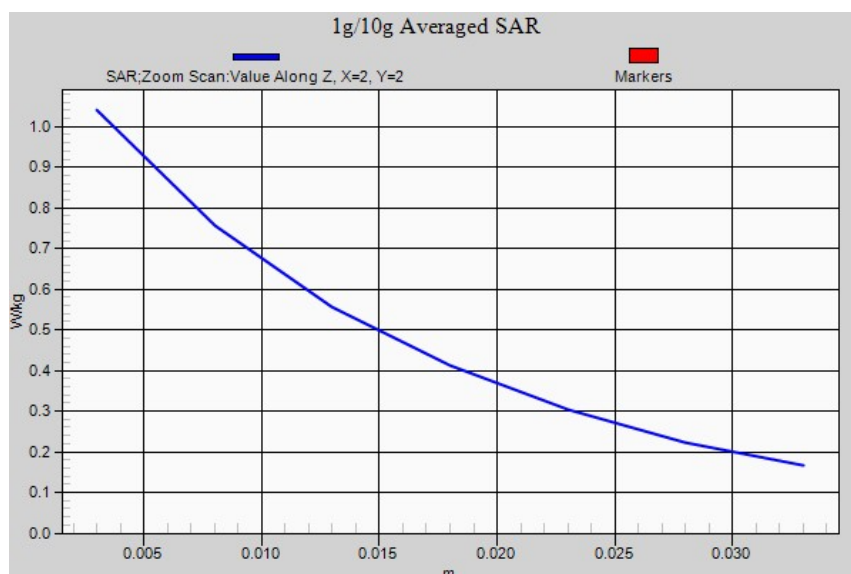
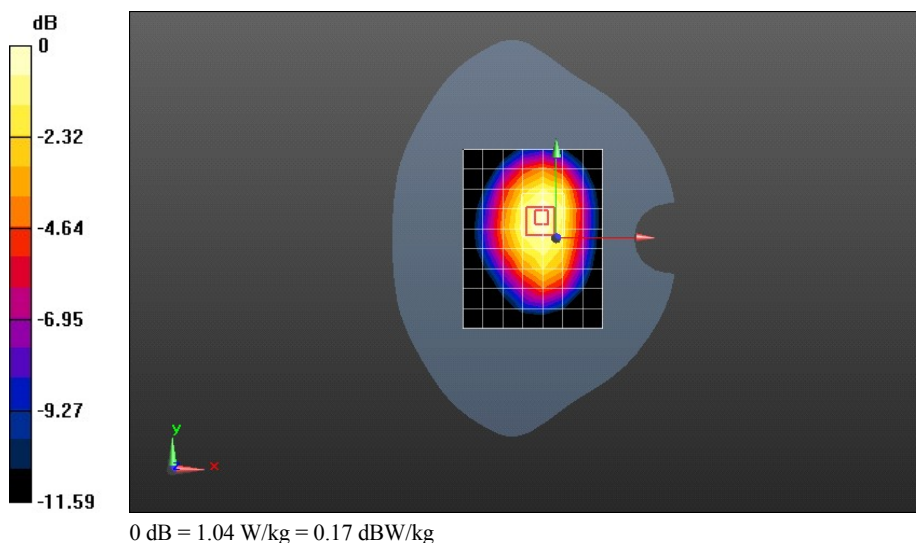
Reference Value = 29.591 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.653 W/kg

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

Maximum value of SAR (measured) = 1.04 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F UMTS Band V 4132CH Front Side 10mm with battery 2#-repeated

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 53.241$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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) = 1.02 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

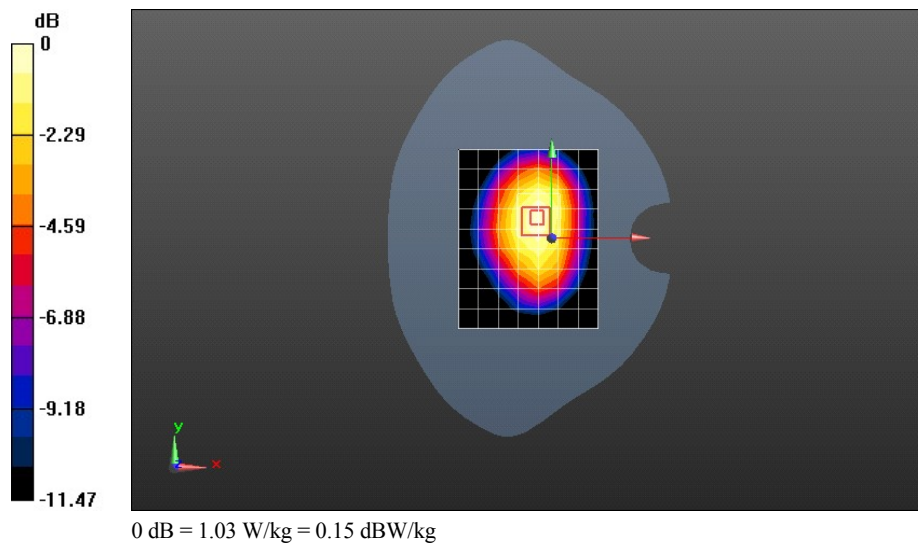
Reference Value = 29.523 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.650 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 20M 11CH Front side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 50.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0770 W/kg

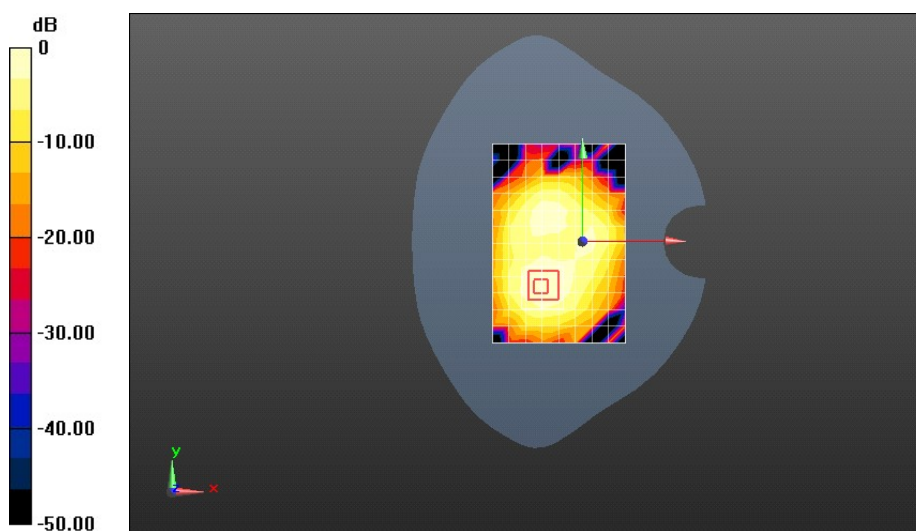
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.430 V/m; Power Drift = -0.01 dB

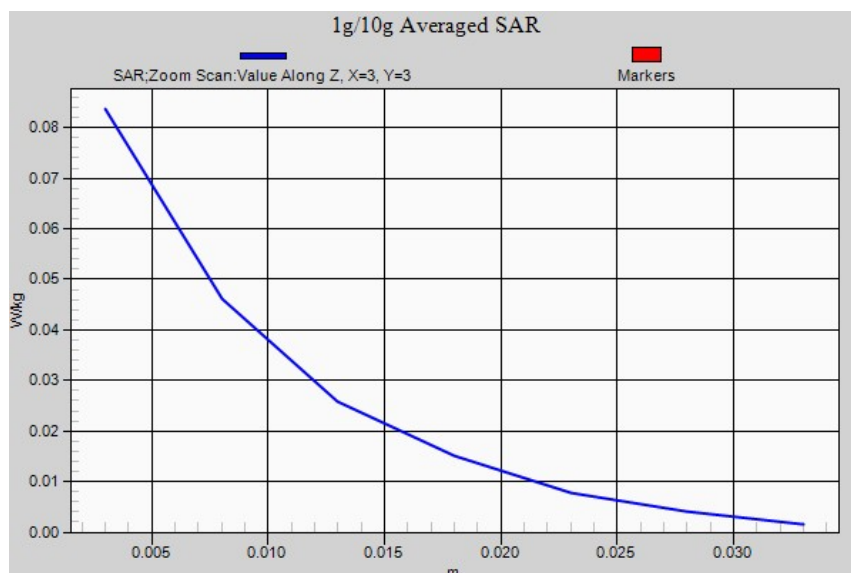
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0836 W/kg



0 dB = 0.0836 W/kg = -10.78 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 20M 11CH Back side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 50.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0507 W/kg

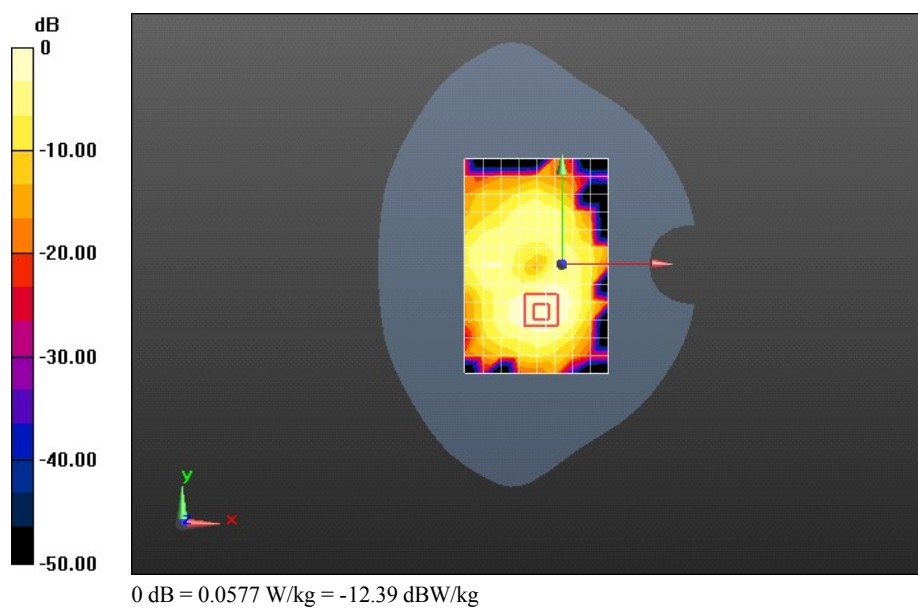
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.001 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0577 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F Wi-Fi 11n MIMO 20M 11CH Right side 10mm

DUT: HW-01F; Type: Mobile Wi-Fi; Serial: SAR2

Communication System: UID 0, Wi-Fi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 50.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0303 W/kg

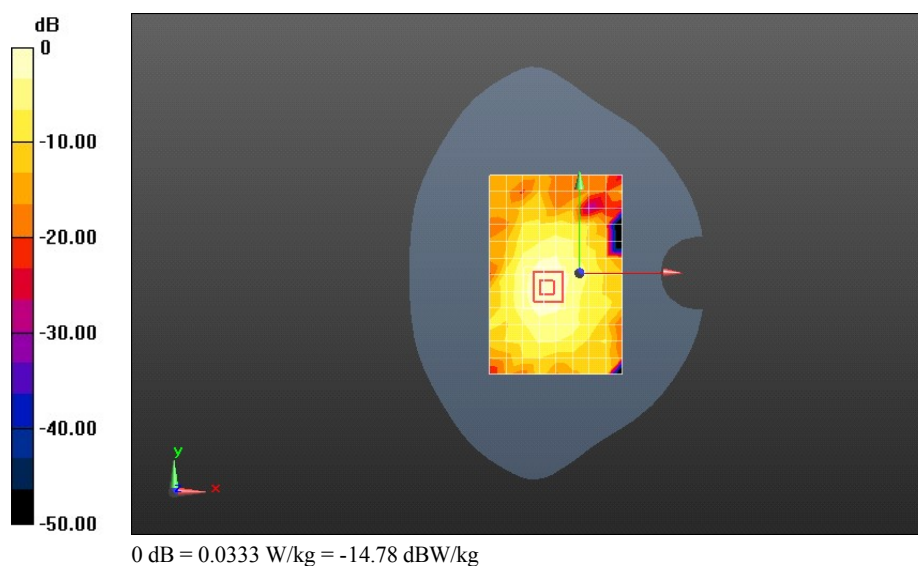
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.061 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0333 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 20M 11CH Top side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 50.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0387 W/kg

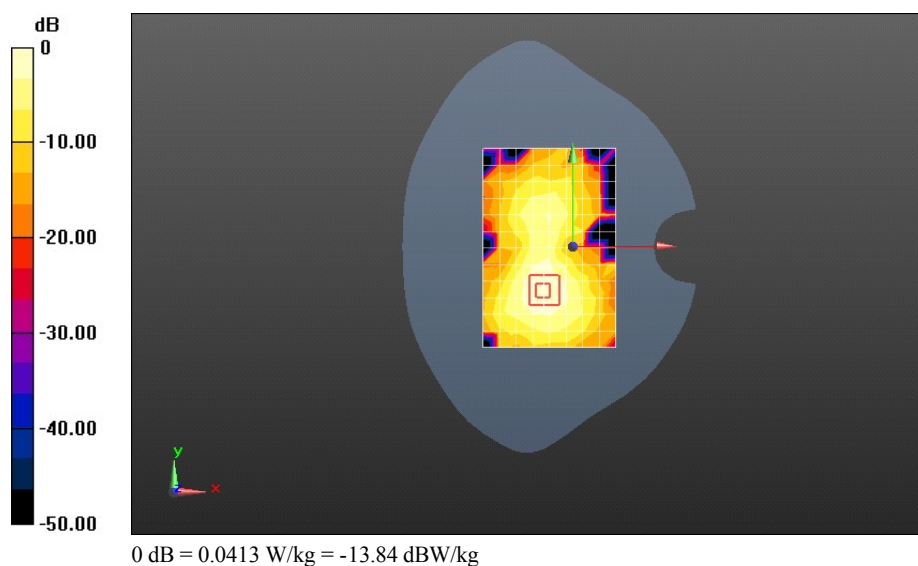
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.693 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0413 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 20M 11CH Bottom side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 50.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0581 W/kg

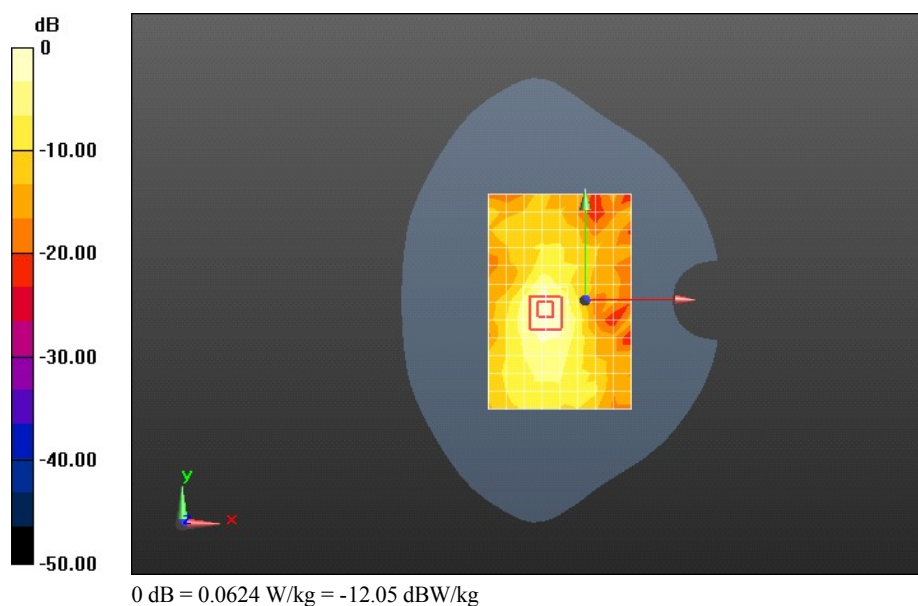
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.686 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0624 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 20M 11CH Front side 10mm with battery 2#

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 50.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0820 W/kg

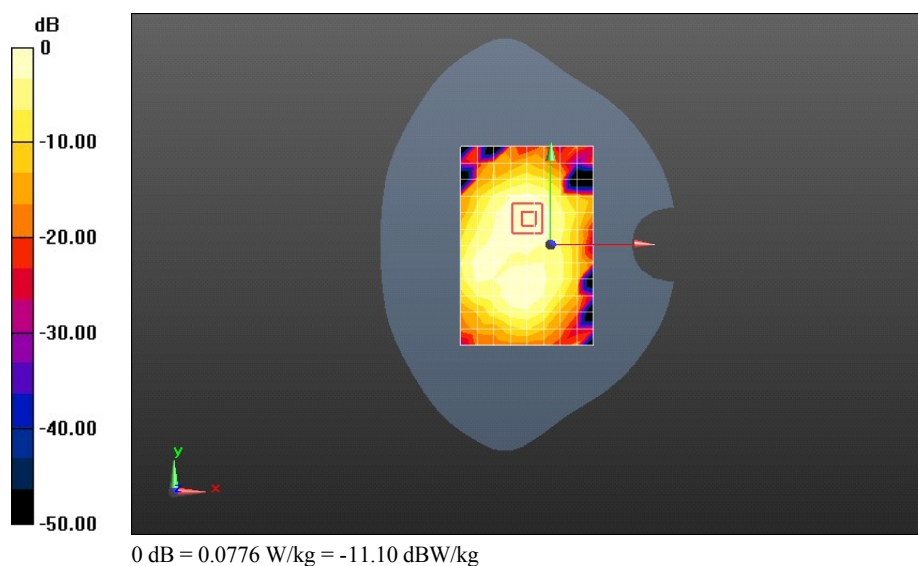
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.246 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0776 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F Wi-Fi 11n MIMO 40M 9CH Front side 10mm

DUT: HW-01F; Type: Mobile Wi-Fi; Serial: SAR2

Communication System: UID 0, Wi-Fi(802.11a/b/g/n) (0); Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2452$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 50.665$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0711 W/kg

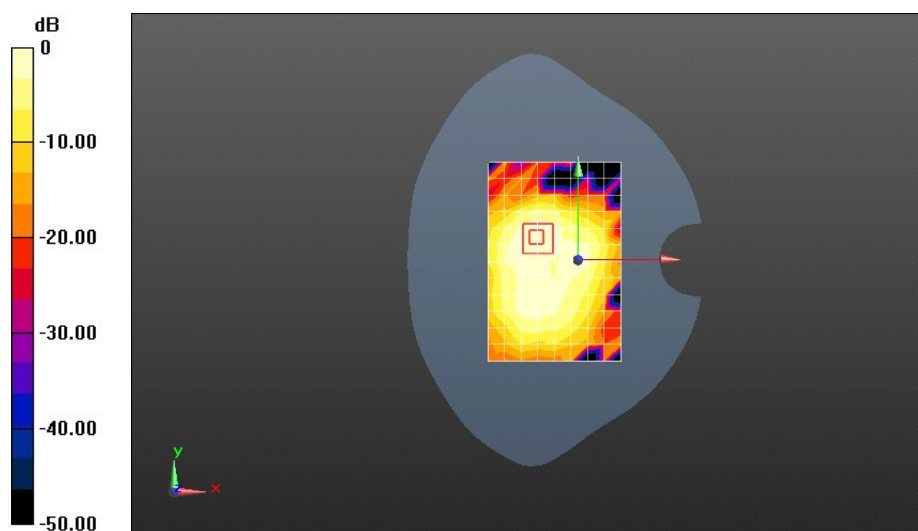
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.812 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0757 W/kg



0 dB = 0.0757 W/kg = -11.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 40M 9CH Back side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2452$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 50.665$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0754 W/kg

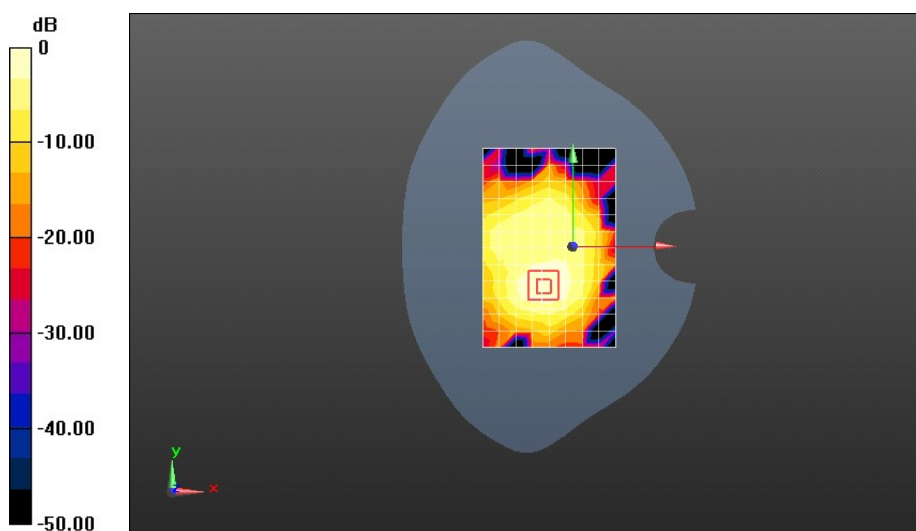
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.044 V/m; Power Drift = 0.10 dB

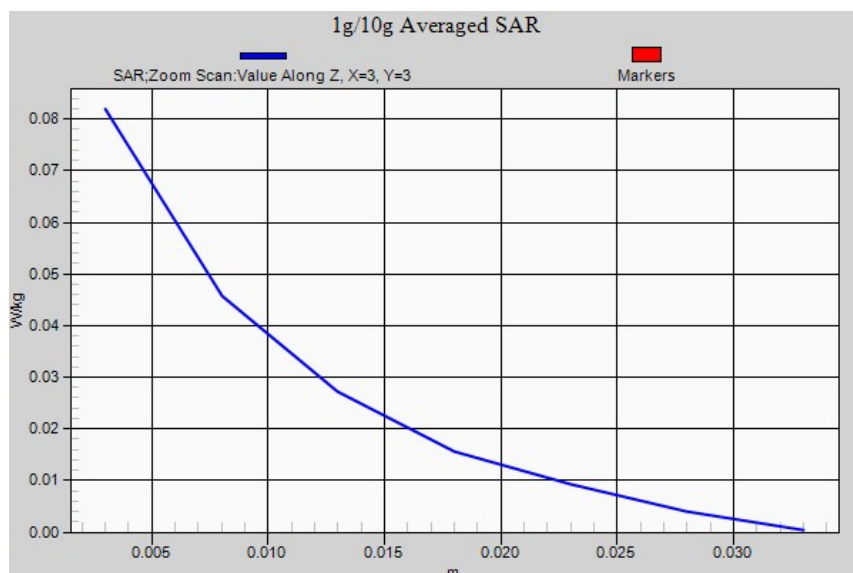
Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0819 W/kg



0 dB = 0.0819 W/kg = -10.87 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 40M 9CH Right side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2452$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 50.665$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0140 W/kg

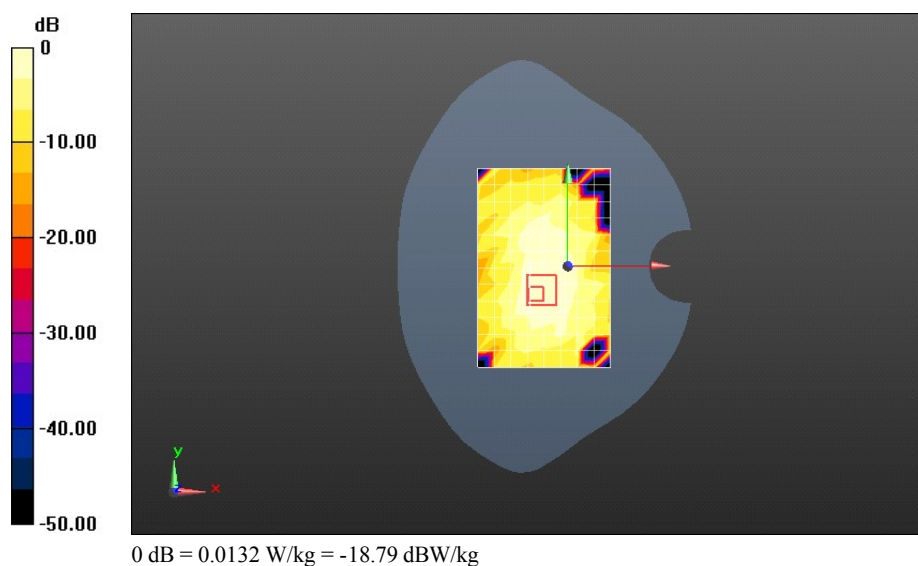
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.158 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.00946 W/kg; SAR(10 g) = 0.00435 W/kg

Maximum value of SAR (measured) = 0.0132 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 40M 9CH Top side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2452$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 50.665$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0370 W/kg

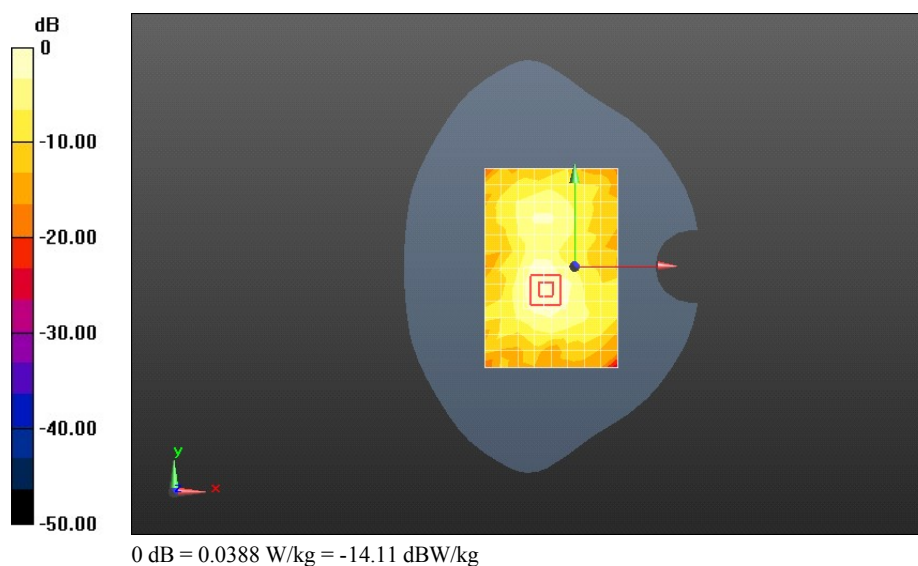
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.056 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0388 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 40M 9CH Bottom side 10mm

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2452$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 50.665$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0487 W/kg

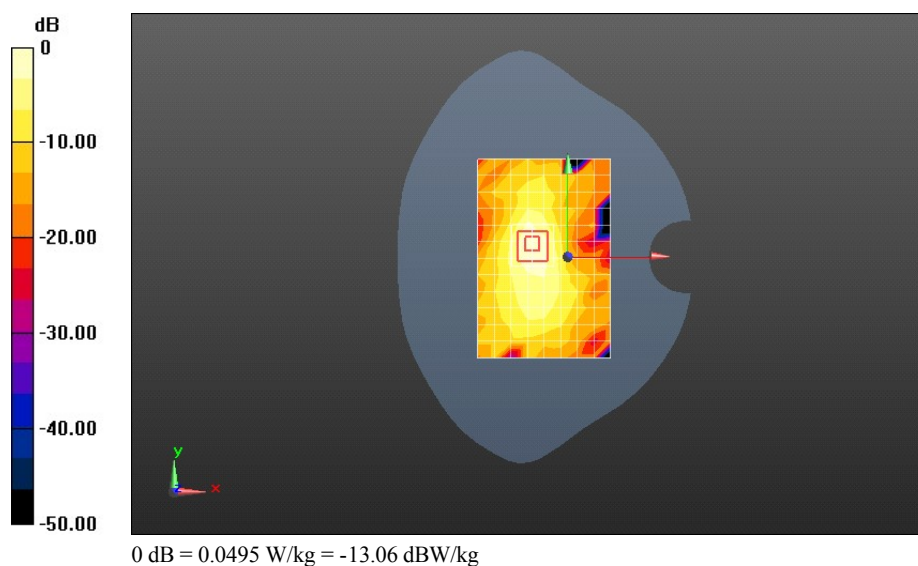
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.493 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0495 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

HW-01F WiFi 11n MIMO 40M 9CH Back side 10mm with battery 2#

DUT: HW-01F; Type: Mobile WiFi; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2452 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2452$ MHz; $\sigma = 2.016$ S/m; $\epsilon_r = 50.665$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.91, 6.91, 6.91); Calibrated: 2013-7-26;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2013-7-31
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0561 W/kg

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

Reference Value = 2.813 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0631 W/kg

