



Appendix B. SAR Measurement Plots

Table of contents
CDMA BC 0 Head
CDMA BC 0 Body
WiFi 2450 MHz Head
WiFi 2450 MHz Body

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Left Hand touch check

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrnO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.395 W/kg

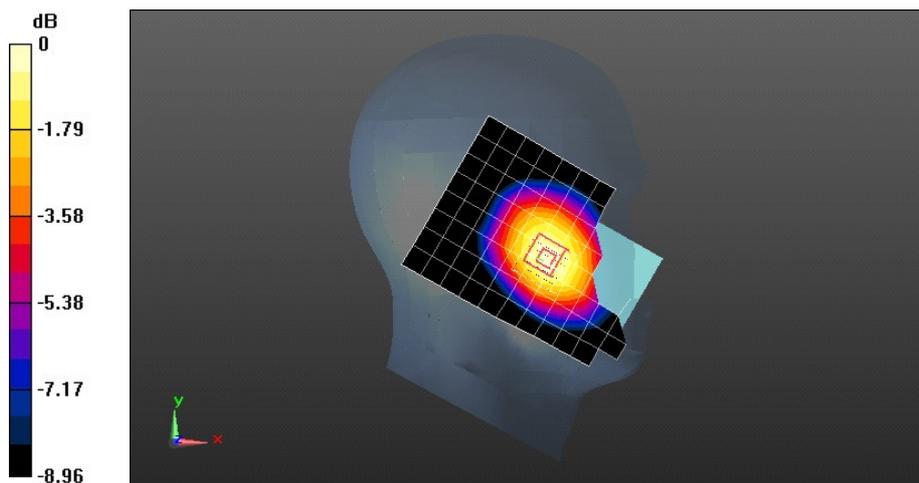
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.101 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Left Hand tilt 15 degree

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.275 W/kg

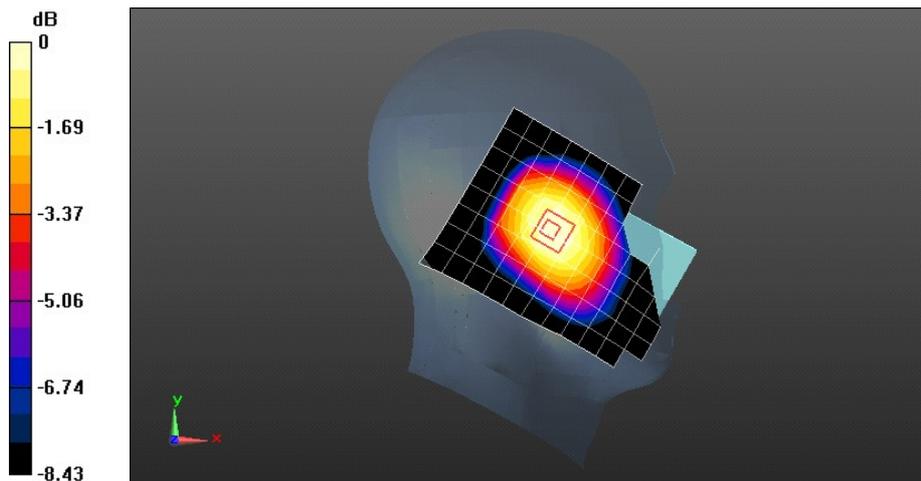
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.270 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Right Hand touch check

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlq'KK; Serial: SAR1

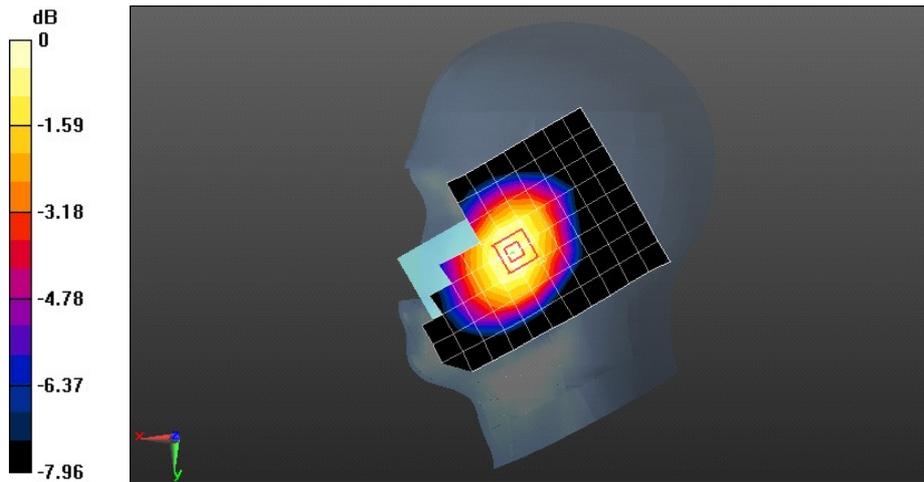
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.351 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 6.765 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.406 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Right Hand tilt 15 degree

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.264 W/kg

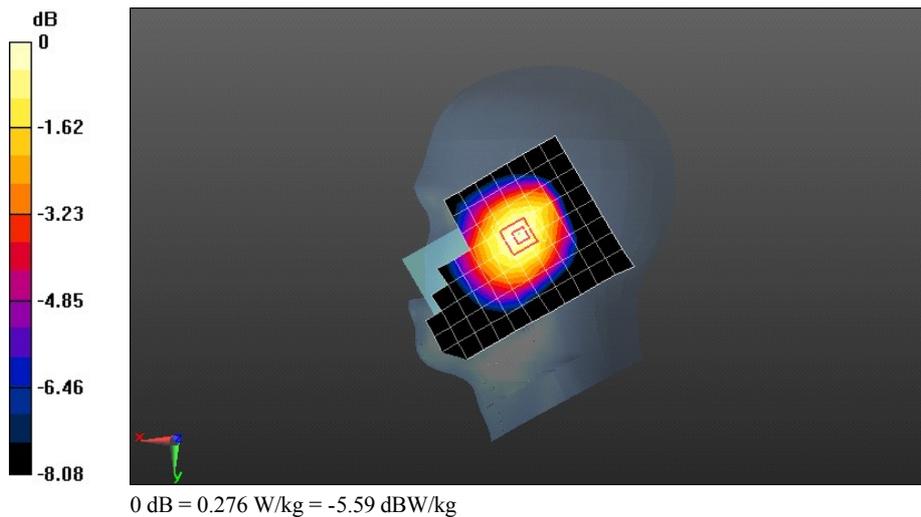
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.526 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.276 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Left Hand touch cheek-with battery 2#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrnO qdlq'Rj qpg=Cxqmwkq'KK; Serial: SAR1

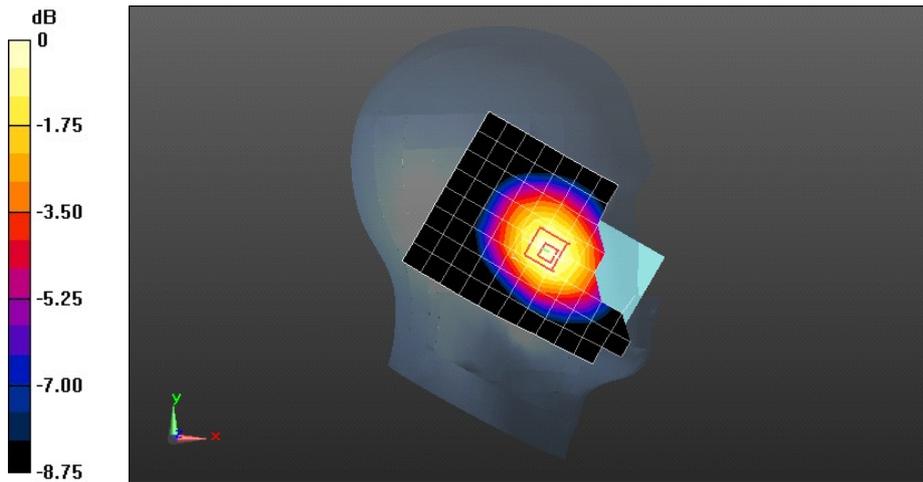
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

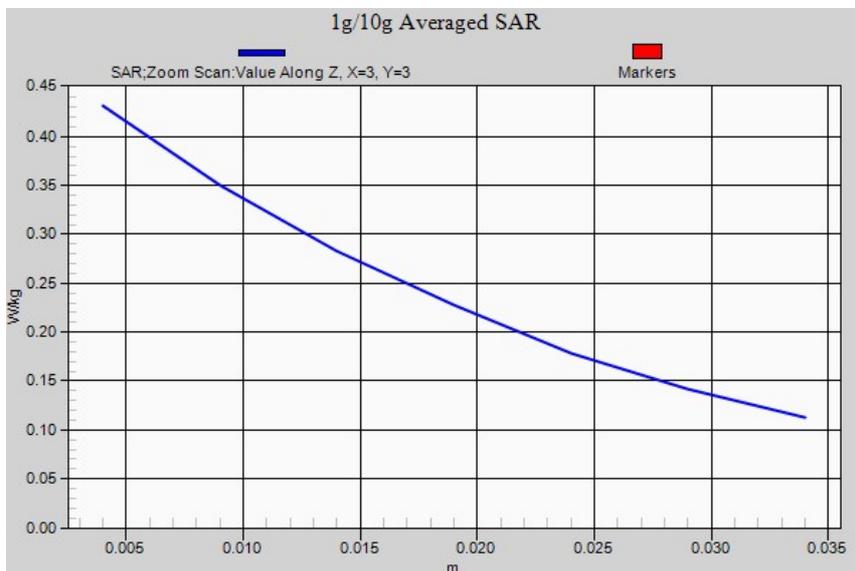
- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.413 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 8.040 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.311 W/kg
 Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Left Hand touch cheek-with battery 3#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrnO qdlq'Rj qpg=Cxqmwkq'KK; Serial: SAR1

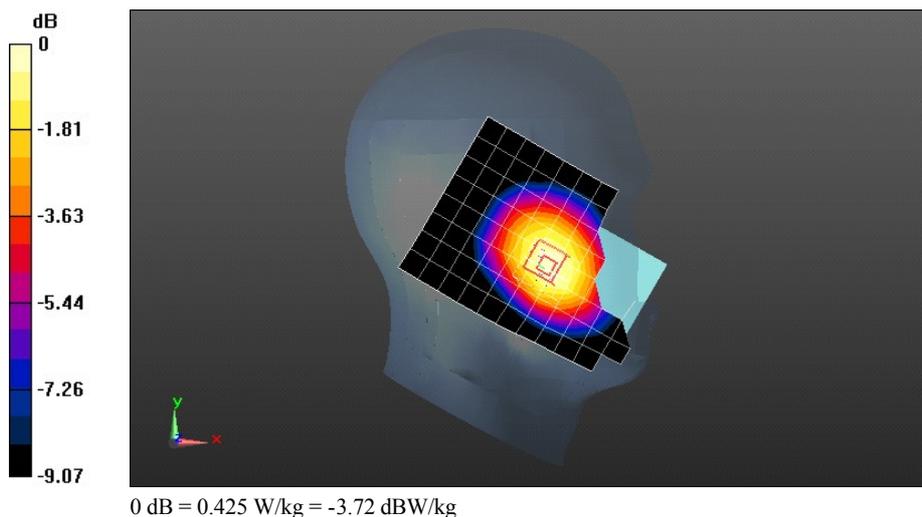
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.408 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 7.409 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.308 W/kg
 Maximum value of SAR (measured) = 0.425 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Phantom 15mm**DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.563 W/kg

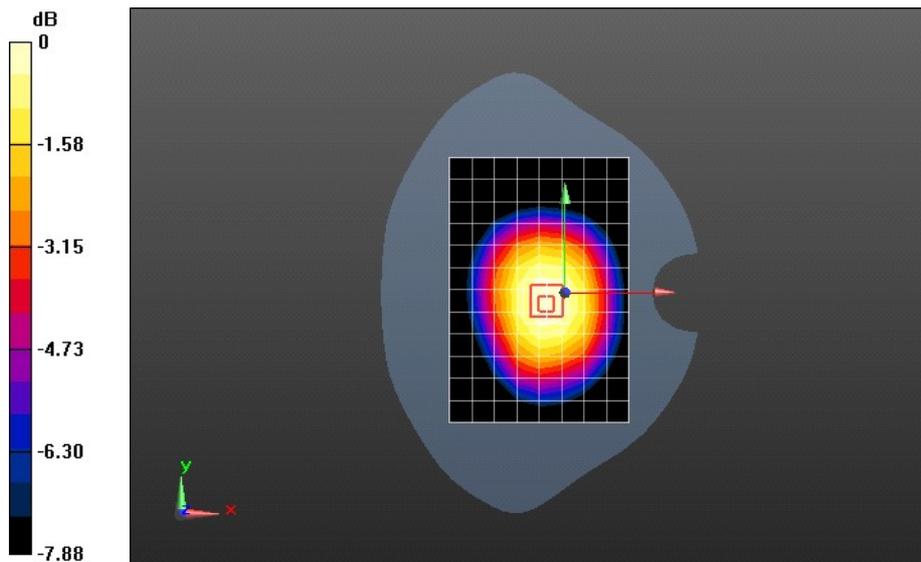
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.014 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.414 W/kg

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



0 dB = 0.573 W/kg = -2.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 15mm

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

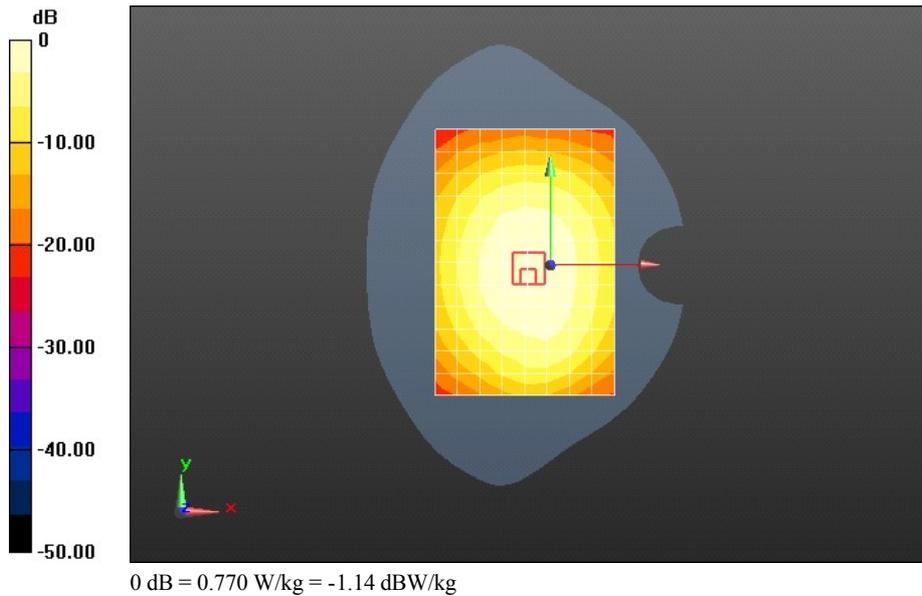
Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): 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 = 28.258 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.547 W/kg
Maximum value of SAR (measured) = 0.770 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 15mm on Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrnO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.693 W/kg

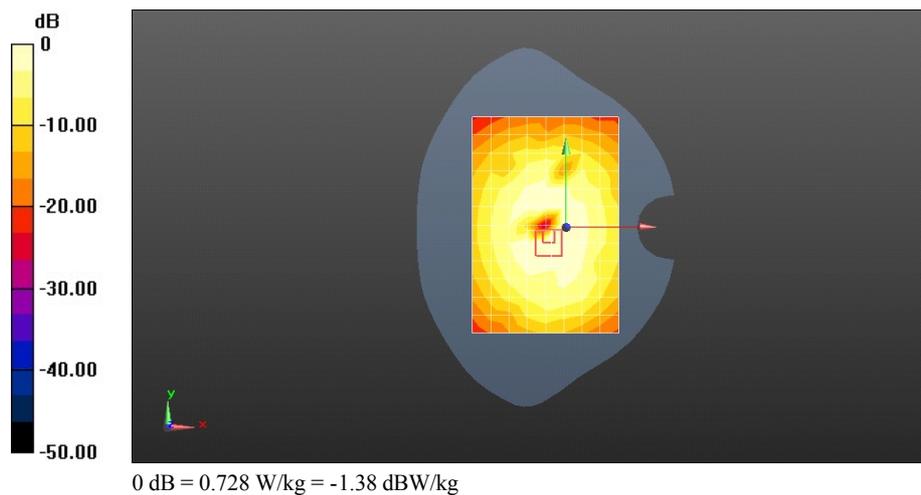
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.027 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.923 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 0.728 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 777CH Towards Ground 15mm on Rev.A

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnwtp'KK; Serial: SAR1

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

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.009$ S/m; $\epsilon_r = 55.334$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

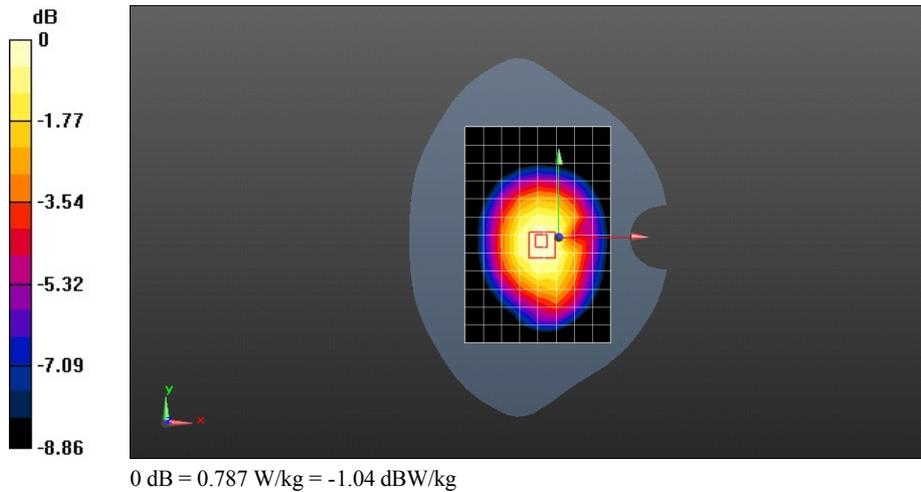
Reference Value = 27.732 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.553 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 15mm on Rev.A

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1

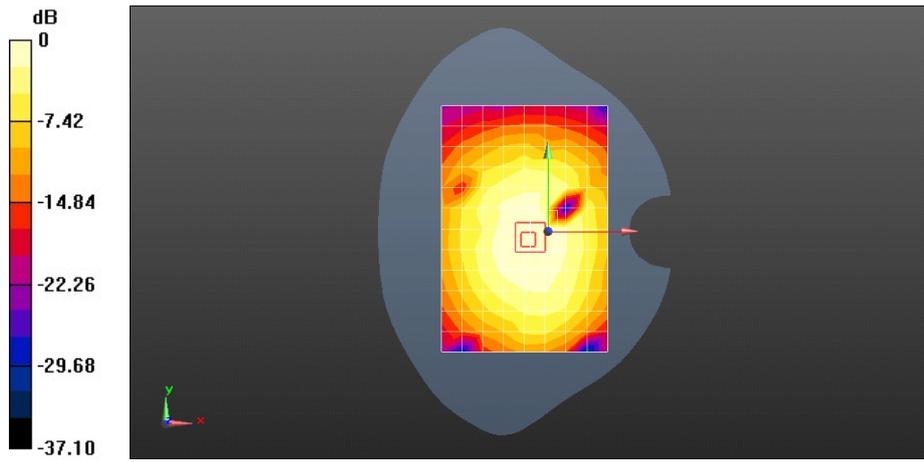
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

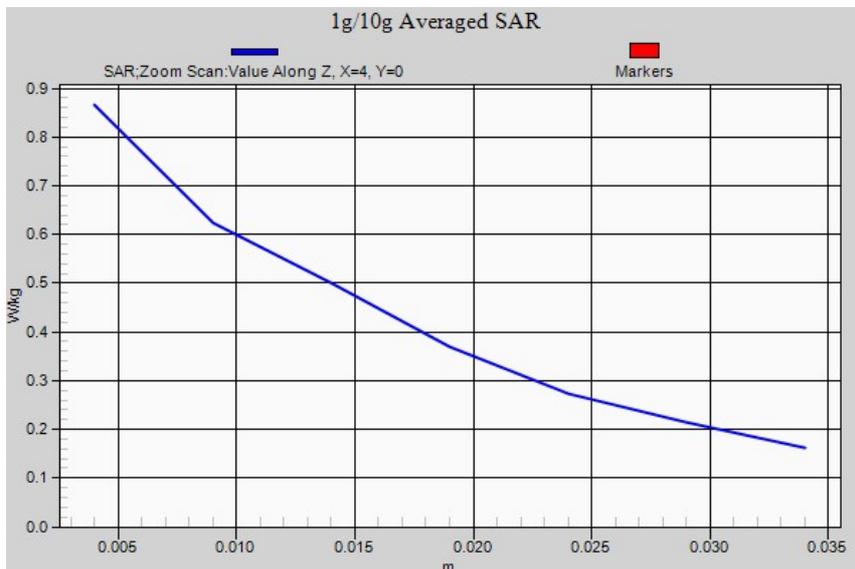
- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.819 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 28.385 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.592 W/kg
 Maximum value of SAR (measured) = 0.866 W/kg



0 dB = 0.866 W/kg = -0.62 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 15mm on Rev.A-repeated

DUT: HUAWEI CM990; Type: Evolution III; Serial: SAR1

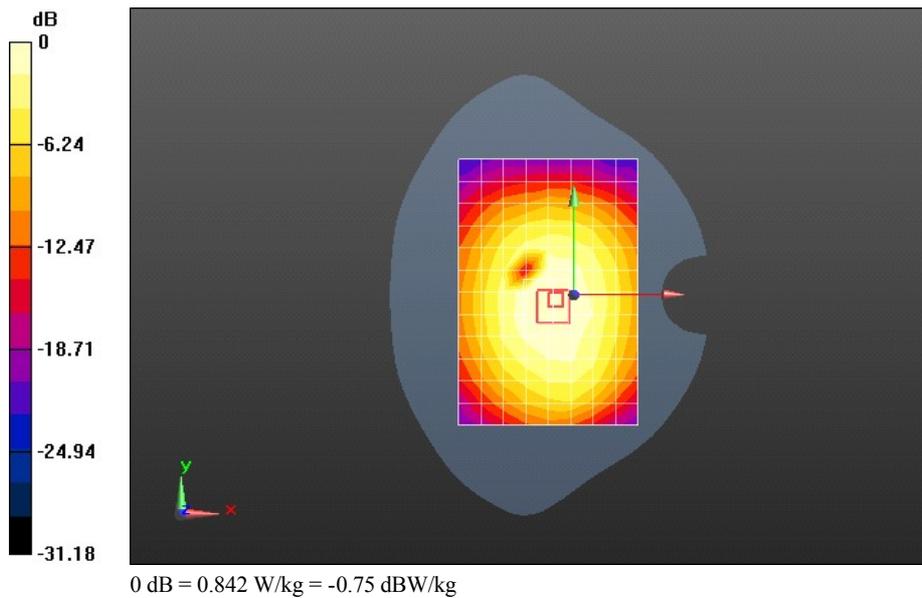
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.860 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 29.162 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.590 W/kg
 Maximum value of SAR (measured) = 0.842 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 1013CH Towards Ground 15mm on Rev.A

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1

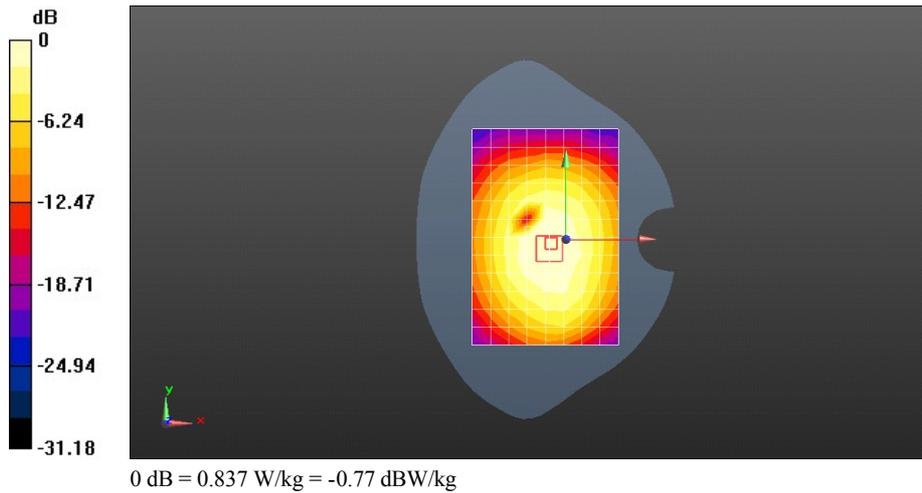
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 825$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 55.733$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.855 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 29.106 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.586 W/kg
Maximum value of SAR (measured) = 0.837 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 15mm on Rev.A with battery 2#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

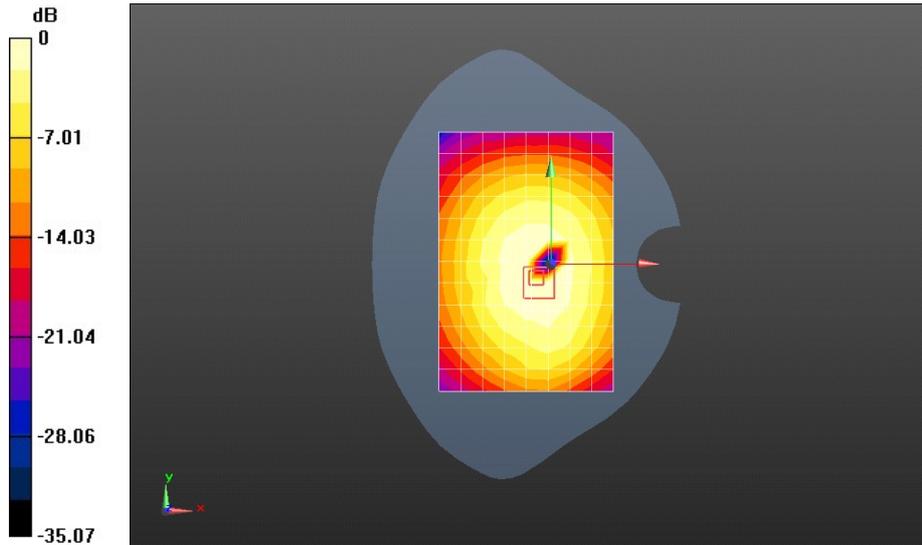
DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.816 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 28.392 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.571 W/kg

Maximum value of SAR (measured) = 0.869 W/kg



0 dB = 0.869 W/kg = -0.61 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 15mm on Rev.A with battery 3#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

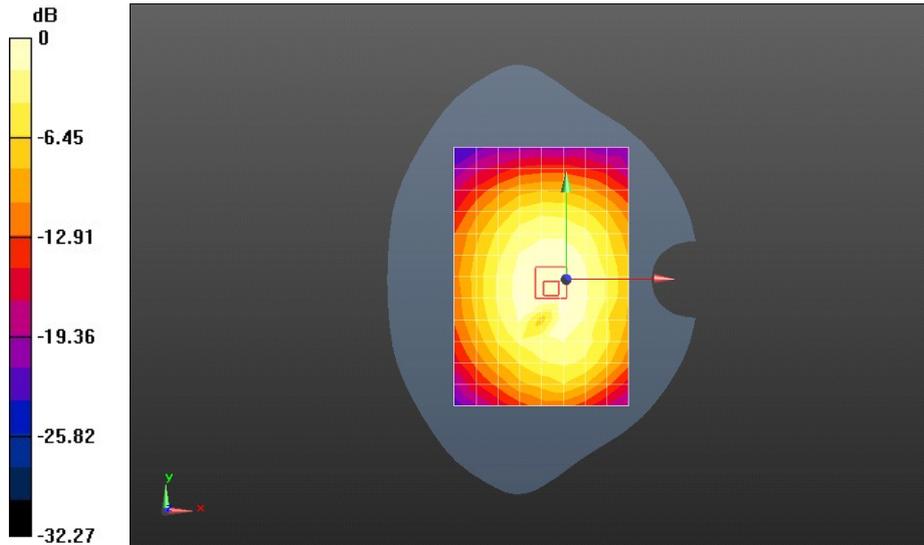
DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.826 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 28.568 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.586 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Phantom 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'Fli kcriO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

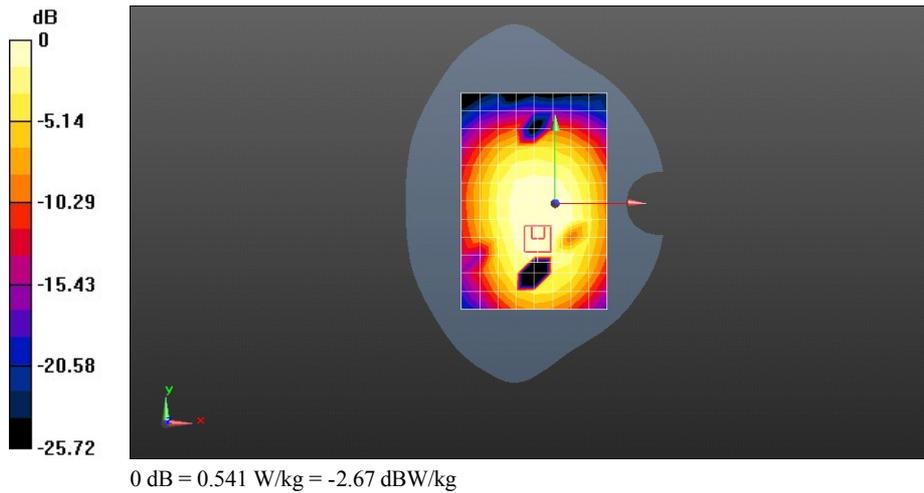
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.533 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 23.312 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.649 W/kg
SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.357 W/kg
Maximum value of SAR (measured) = 0.541 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 777CH Towards Ground 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwtp'KK; Serial: SAR1

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.009$ S/m; $\epsilon_r = 55.334$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.833 W/kg

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

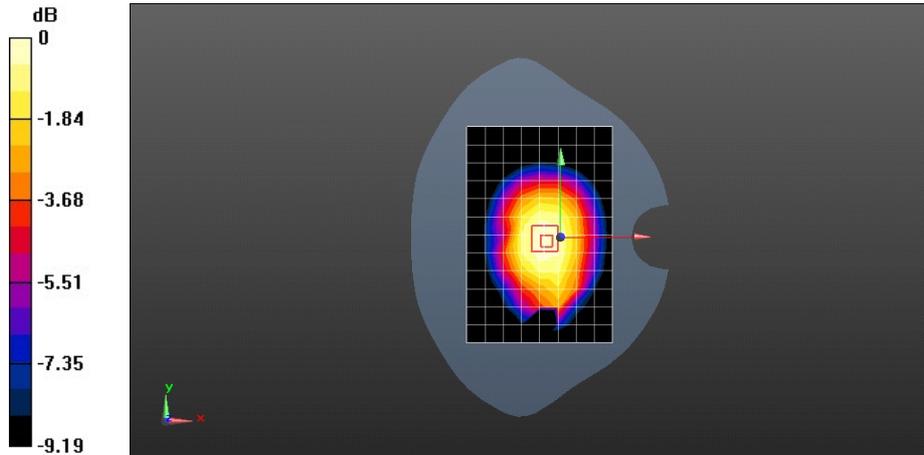
Reference Value = 28.981 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.598 W/kg

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

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



0 dB = 0.852 W/kg = -0.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 10mm on EVDO Rev.0**DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.848 W/kg

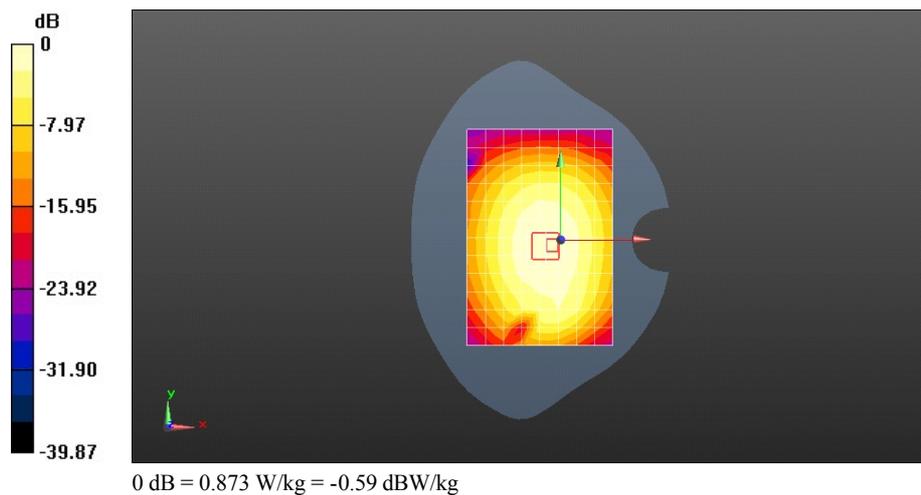
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.152 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.622 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 1013CH Towards Ground 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef 0 c4222'F li kcrO qdlq'Rj qpg=Cxqnwltq'KK; Serial: SAR1

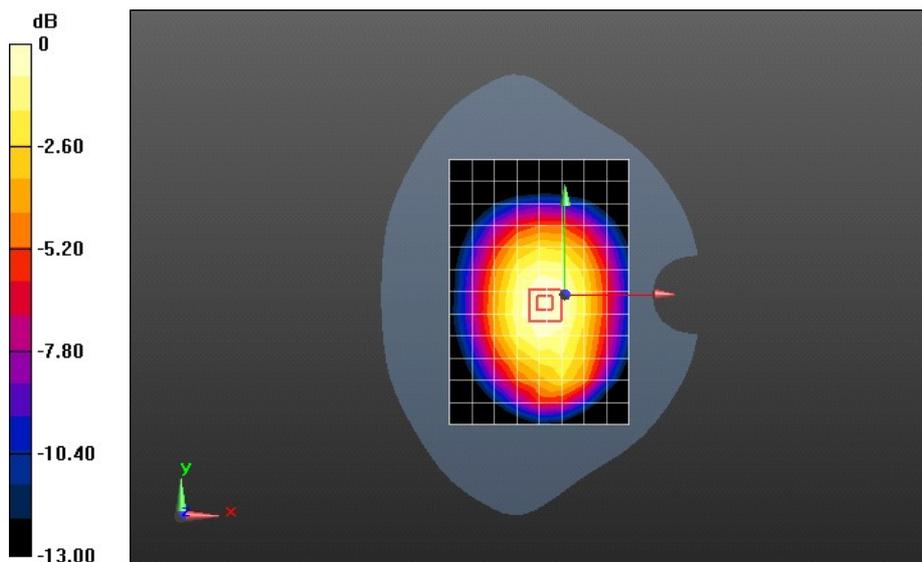
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 825$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 55.733$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.816 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 28.673 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.600 W/kg
 Maximum value of SAR (measured) = 0.847 W/kg



0 dB = 0.847 W/kg = -0.72 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 777CH Left edge 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnwtp'KK; Serial: SAR1

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

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 1.009$ S/m; $\epsilon_r = 55.334$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.764 W/kg

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

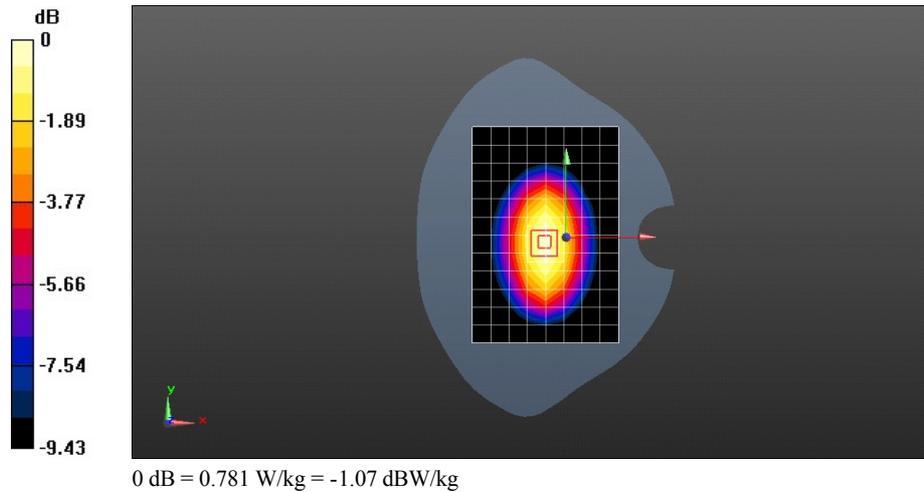
Reference Value = 27.799 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.498 W/kg

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

Maximum value of SAR (measured) = 0.781 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Left edge 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnltp'KK; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.790 W/kg

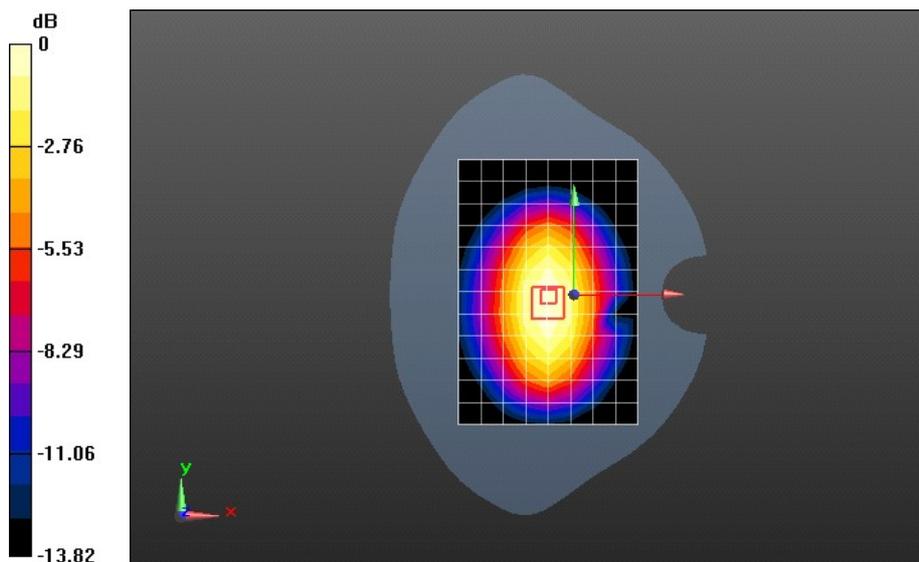
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.152 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.506 W/kg

Maximum value of SAR (measured) = 0.779 W/kg



0 dB = 0.779 W/kg = -1.08 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 1013CH Left edge 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnwltq'KK; Serial: SAR1

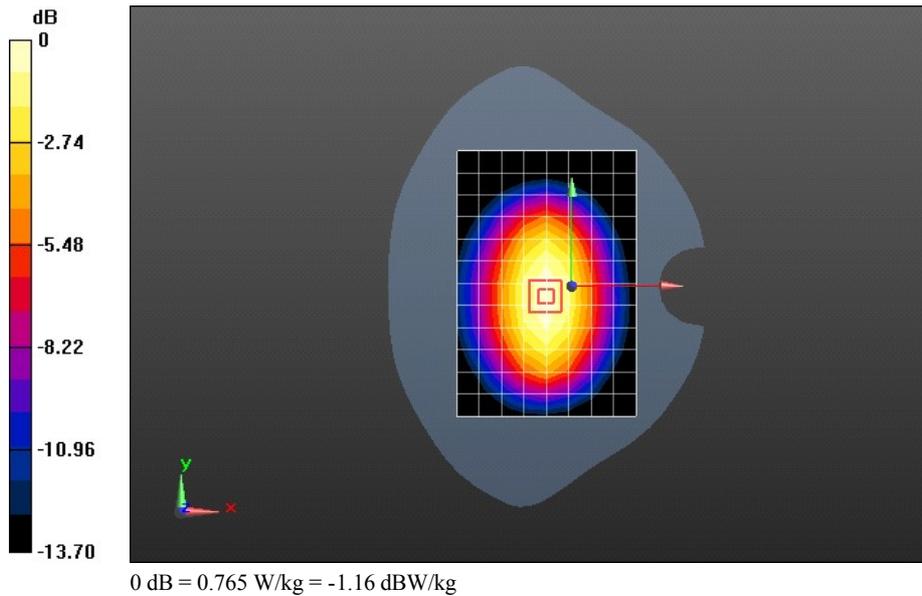
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 825$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 55.733$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.745 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 27.558 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 0.765 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Right edge 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrnO qdlq'Rj qpg=Cxqnwltq'KK; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.544 W/kg

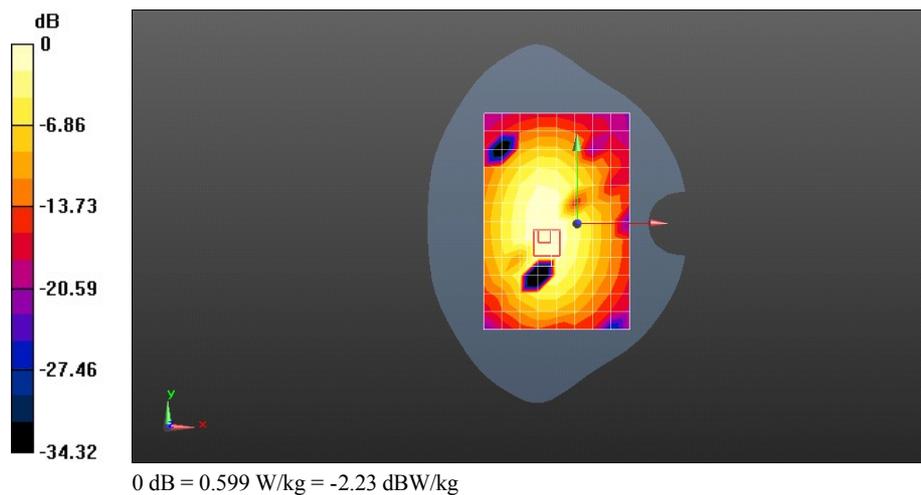
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.487 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.357 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Bottom edge 10mm on EVDO Rev.0

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

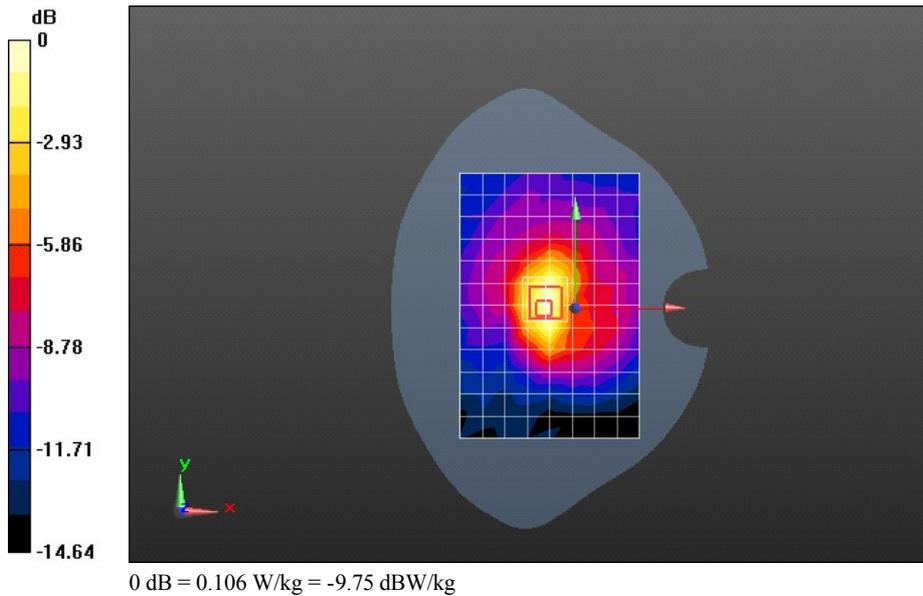
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.102 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 10.106 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.106 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 10mm on EVDO Rev.A

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1

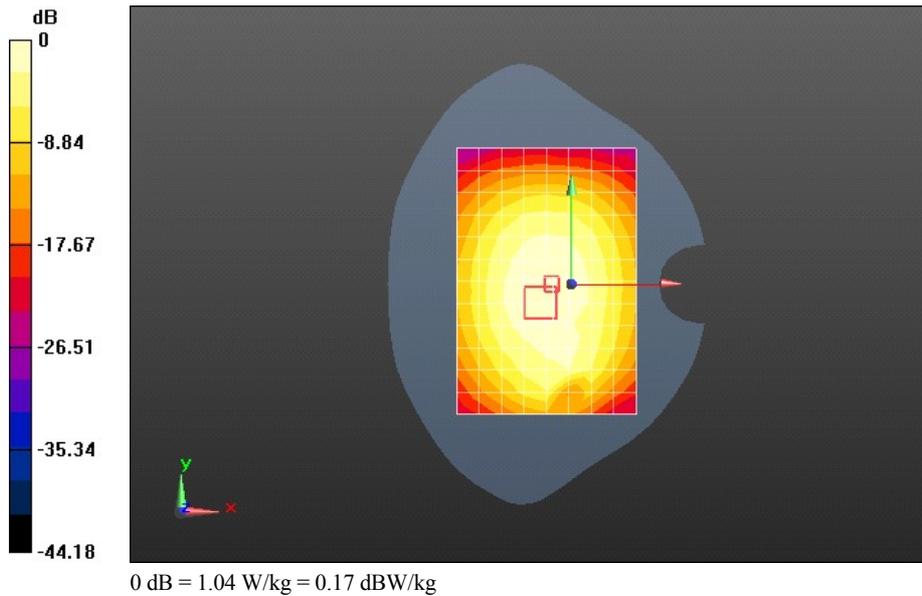
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.977 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 30.772 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.650 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 10mm**DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1**

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.901 W/kg

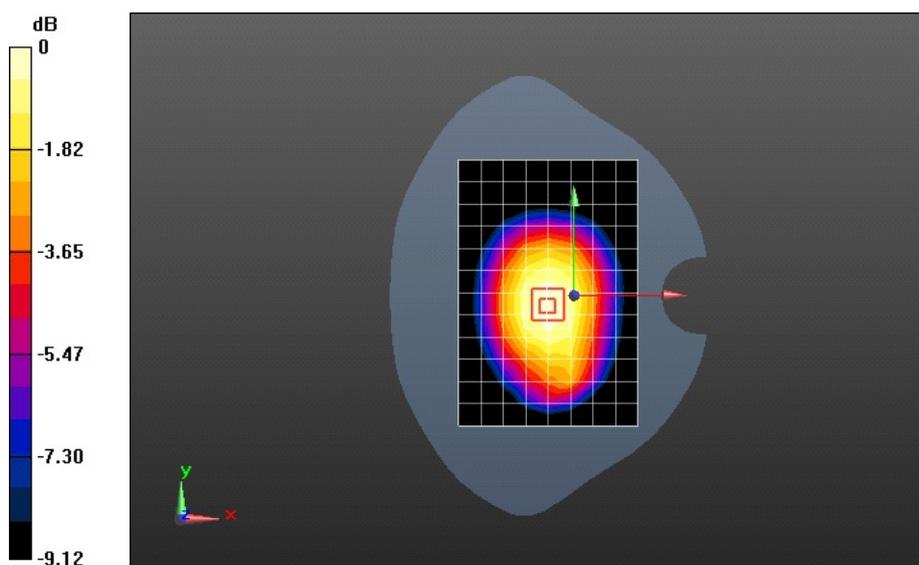
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 30.883 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.655 W/kg

Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg = -0.34 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 10mm on EVDO Rev.A with battery 2#

DUT: HUAWEI CM990; Type: ef o c4222'Fli kcriO qdlq'Rj qpg=Cxqnwtkp'KK; Serial: SAR1

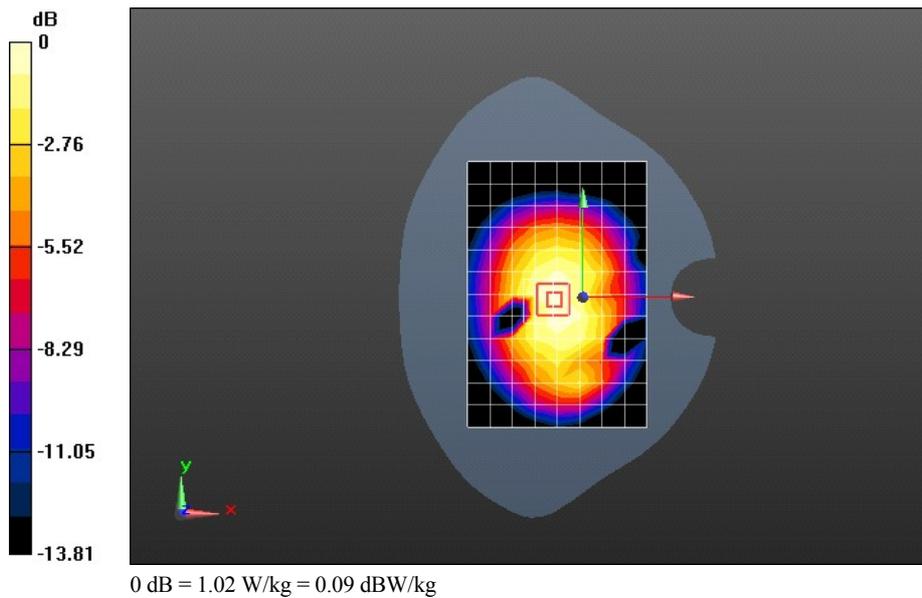
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.975 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 31.555 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.691 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 10mm on EVDO Rev.A with battery 3#

DUT: HUAWEI CM990; Type: ef 0 c4222'F li kcrnO qdlq'Rj qpg=Cxqnwktq'KK; Serial: SAR1

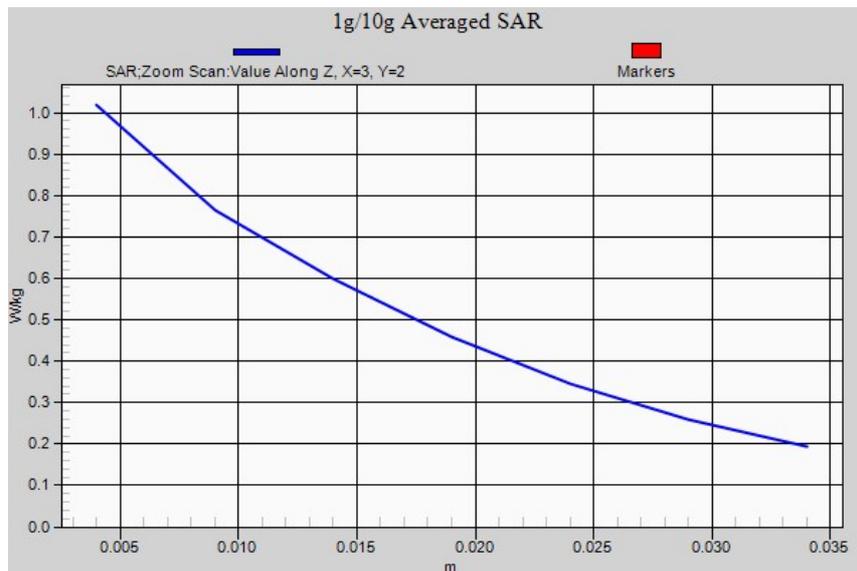
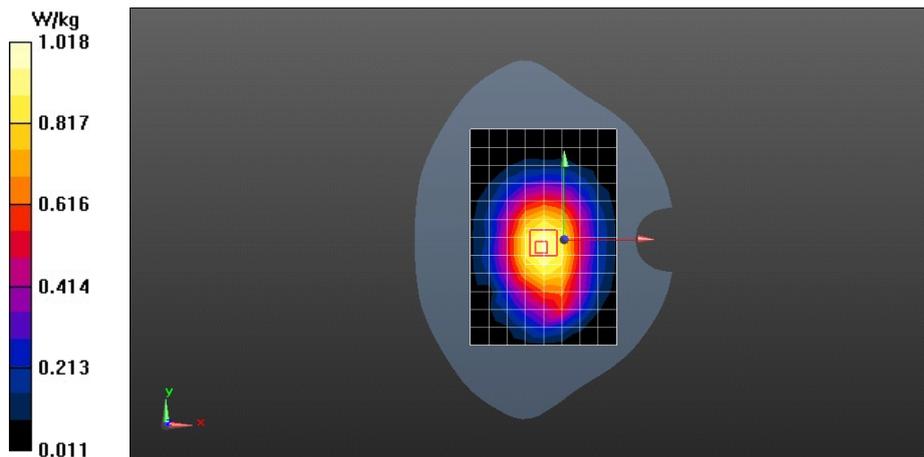
Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.967 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 32.036 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.716 W/kg
 Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 CDMA BC0 384CH Towards Ground 10mm on EVDO Rev.A with battery 3#-repeated

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrnO qdlq'Rj qpg=Cxqnwtkp'KK; Serial: SAR1

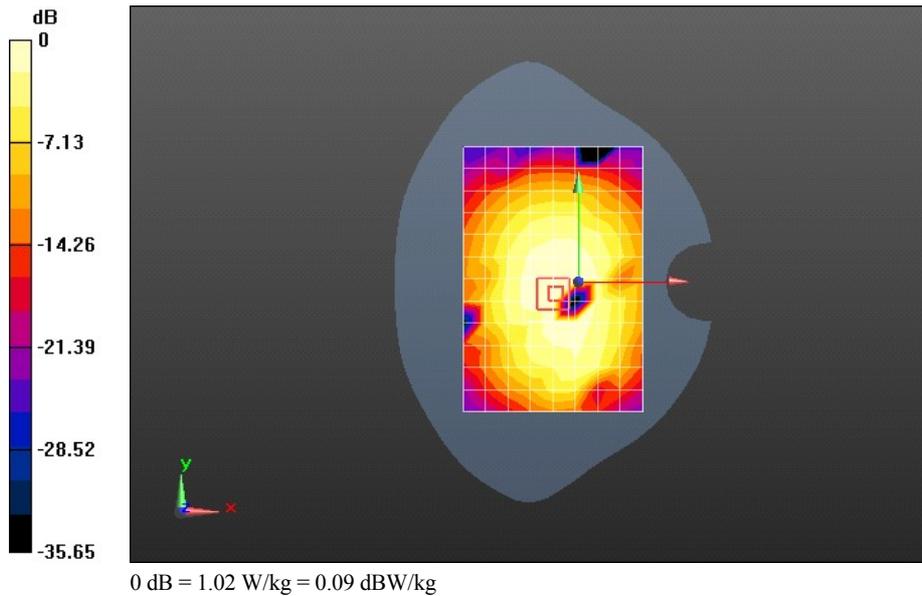
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 837$ MHz; $\sigma = 0.993$ S/m; $\epsilon_r = 55.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.28, 9.28, 9.28); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.991 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 31.483 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.678 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Left Hand touch cheek

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlq'KK; Serial: SAR1

Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 38.684$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.113 W/kg

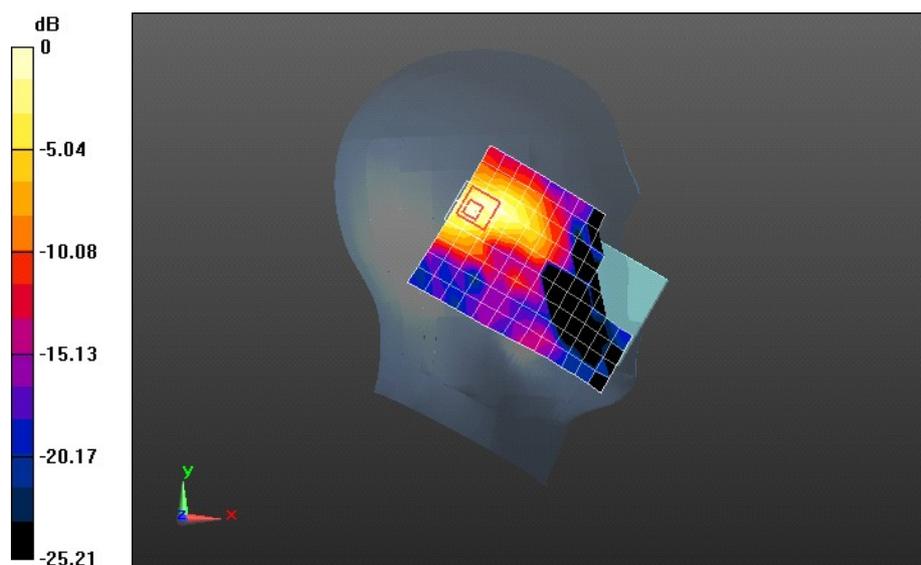
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.277 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.048 W/kg

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



0 dB = 0.115 W/kg = -9.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Left Hand tilt 15 degree

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1

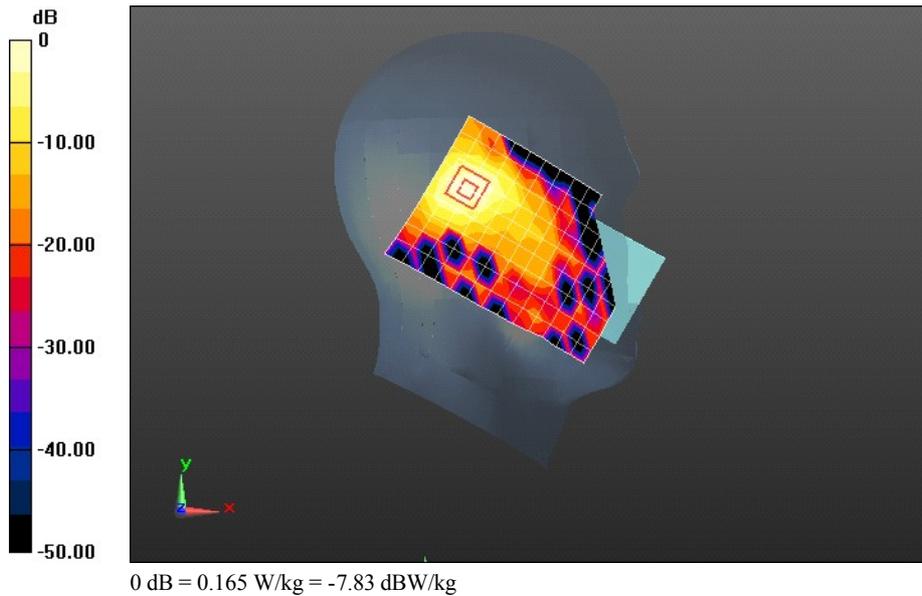
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.88 \text{ S/m}$; $\epsilon_r = 38.684$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.153 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 3.445 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.165 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Right Hand touch cheek

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnwltq'KK; Serial: SAR1

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 38.684$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Maximum value of SAR (measured) = 0.0831 W/kg

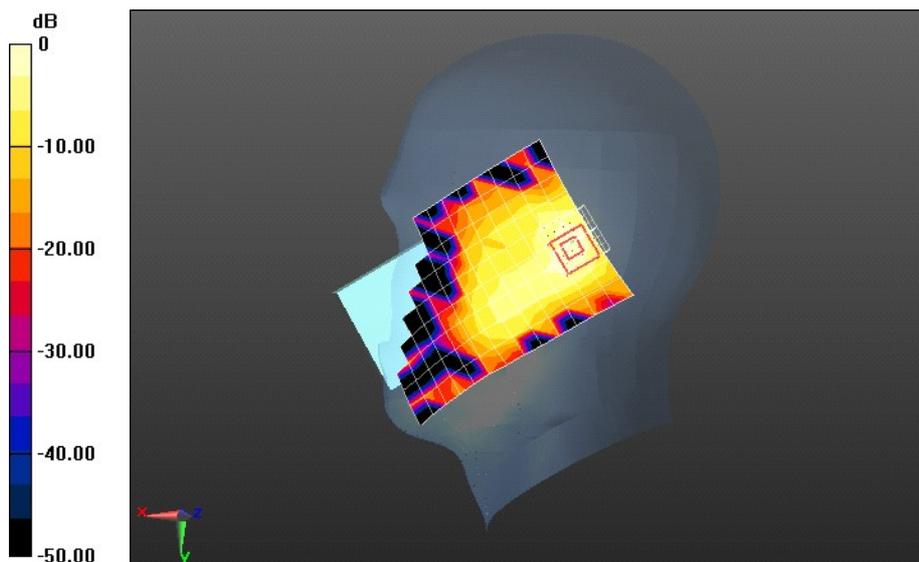
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.552 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0944 W/kg



0 dB = 0.0944 W/kg = -10.25 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Right Hand tilt 15 degree

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

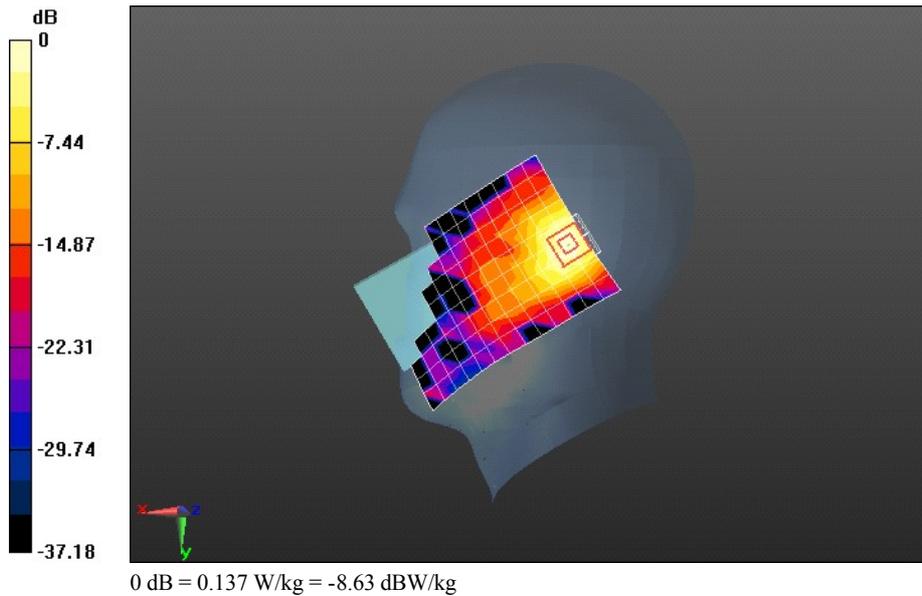
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 38.684$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.121 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.993 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.137 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Left Hand tilt 15 degree with battery 2#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1

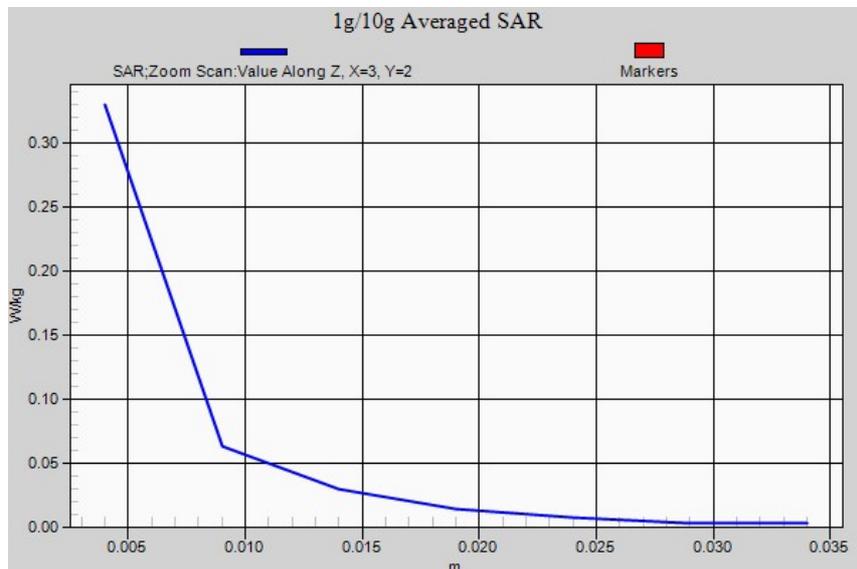
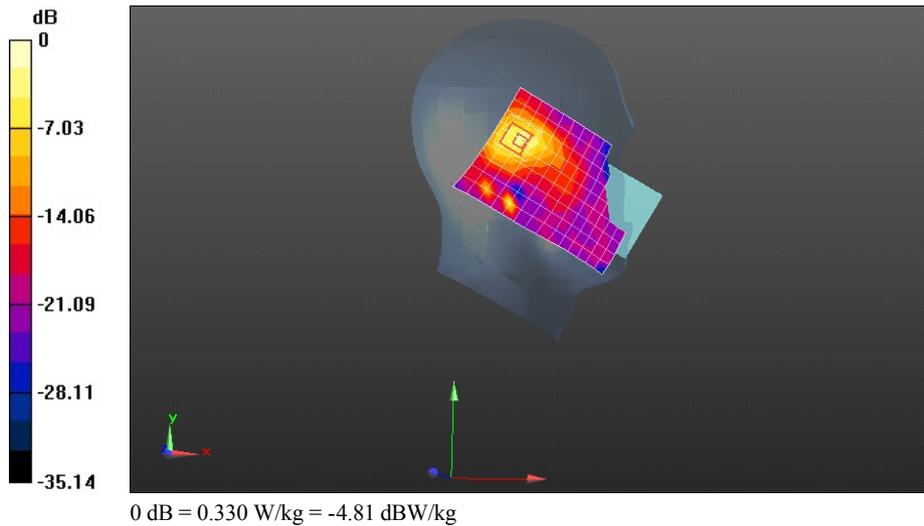
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 38.684$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.148 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.987 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.071 W/kg
 Maximum value of SAR (measured) = 0.330 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Left Hand tilt 15 degree with battery 3#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

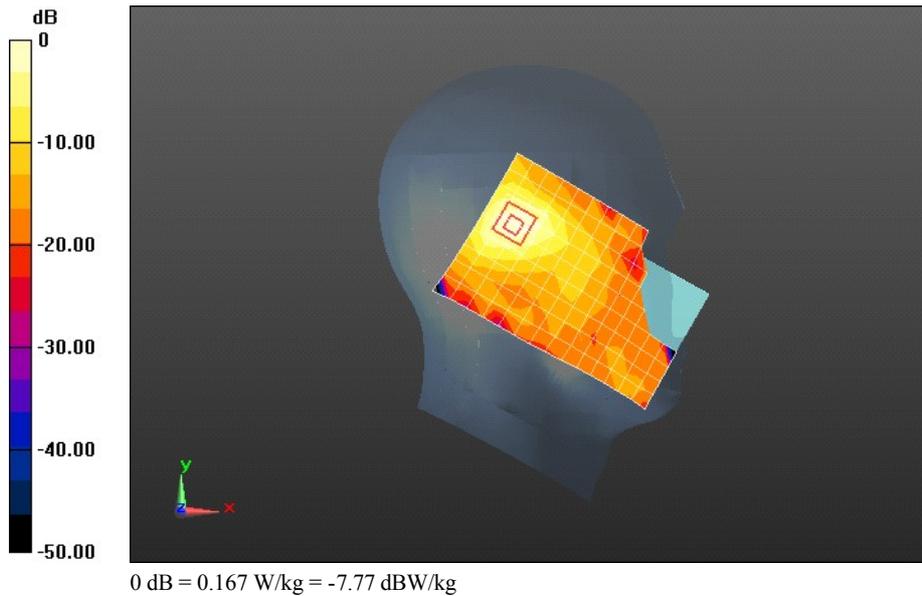
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ S/m; $\epsilon_r = 38.684$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.143 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 4.106 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.064 W/kg
Maximum value of SAR (measured) = 0.167 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Towards Phantom 15mm

DUT: HUAWEI CM990; Type: ef o c4222'F li kcriO qdlq'Rj qpg=Cxqnwltq'KK; Serial: SAR1

Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0198 W/kg

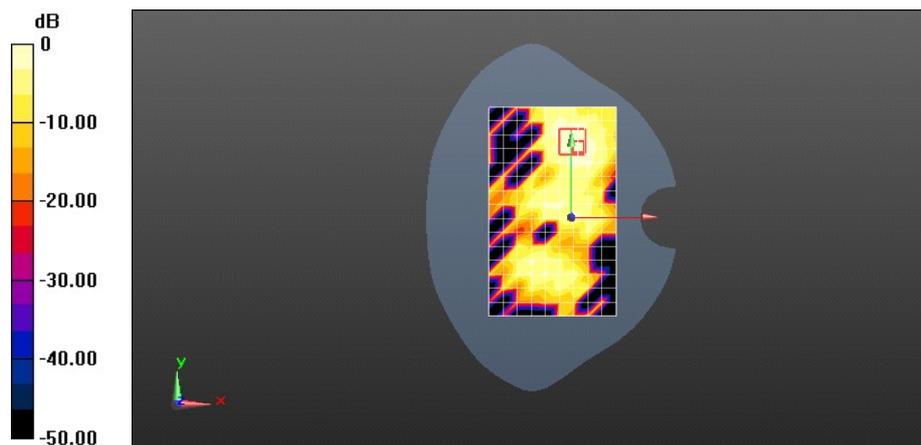
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.813 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0550 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00577 W/kg

Maximum value of SAR (measured) = 0.0180 W/kg



0 dB = 0.0180 W/kg = -17.45 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Towards Ground 15mm

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnlqp'KK; Serial: SAR1

Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0642 W/kg

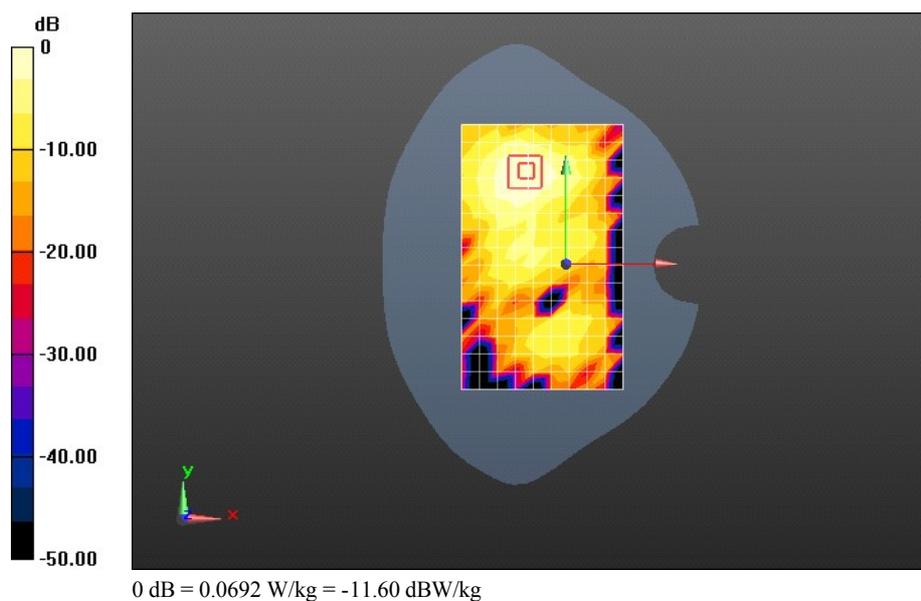
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.715 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0692 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Towards Ground 15mm with battery 2#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwtkp'KK; Serial: SAR1

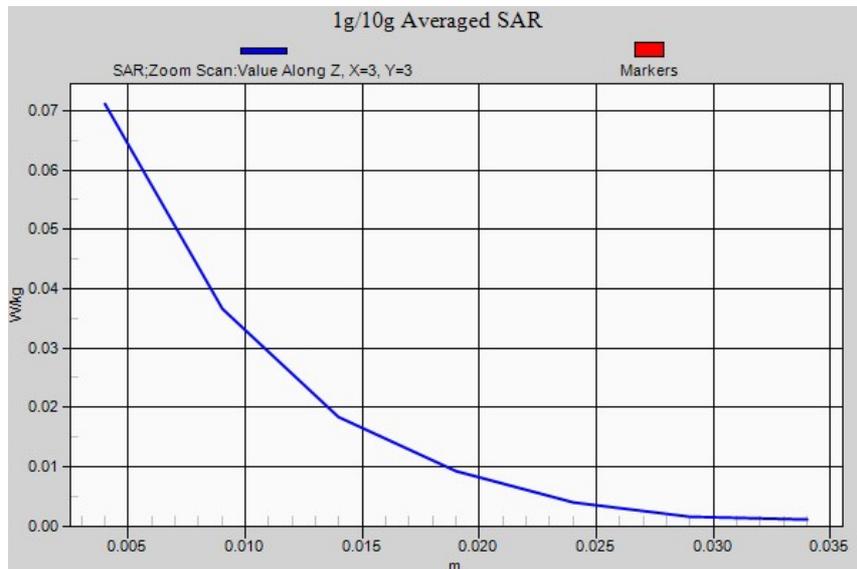
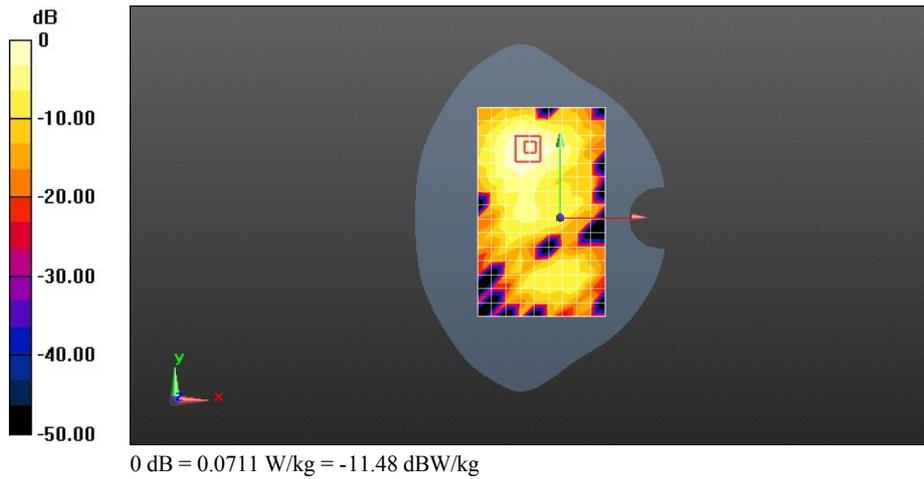
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.996 \text{ S/m}$; $\epsilon_r = 52.213$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 0.0692 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 = 2.913 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.033 W/kg
 Maximum value of SAR (measured) = 0.0711 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Towards Ground 15mm with battery 3#

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwlp'KK; Serial: SAR1

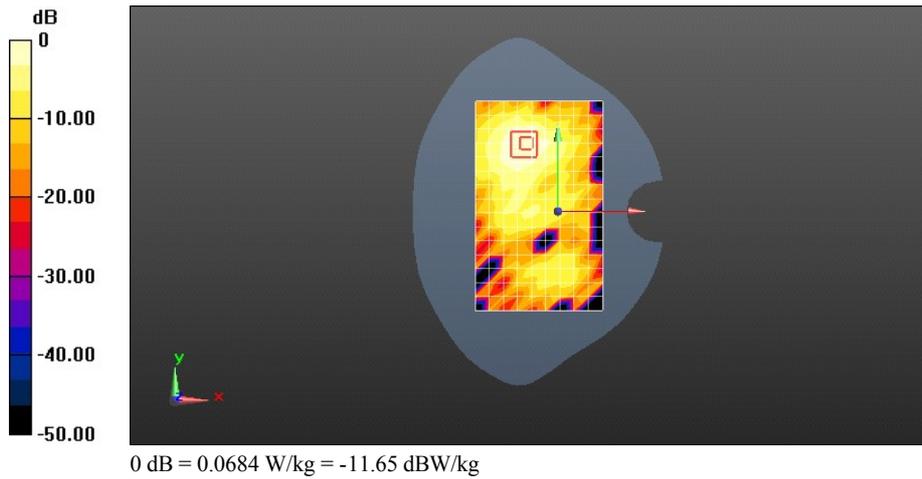
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.0658 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.668 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.129 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0684 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Towards Phantom 10mm

DUT: HUAWEI CM990; Type: ef o c4222'F li kcrO qdlq'Rj qpg=Cxqnwltq'KK; Serial: SAR1

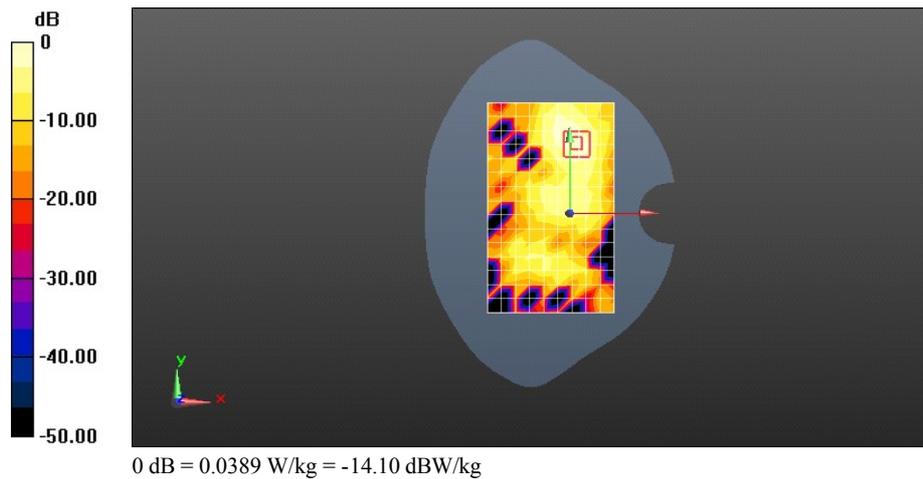
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.0334 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 2.190 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg
 Maximum value of SAR (measured) = 0.0389 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Towards Ground 10mm

DUT: HUAWEI CM990; Type: ef o c4222'Fli kcriO qdlq'Rj qpg=Cxqnwltq'KK; Serial: SAR1

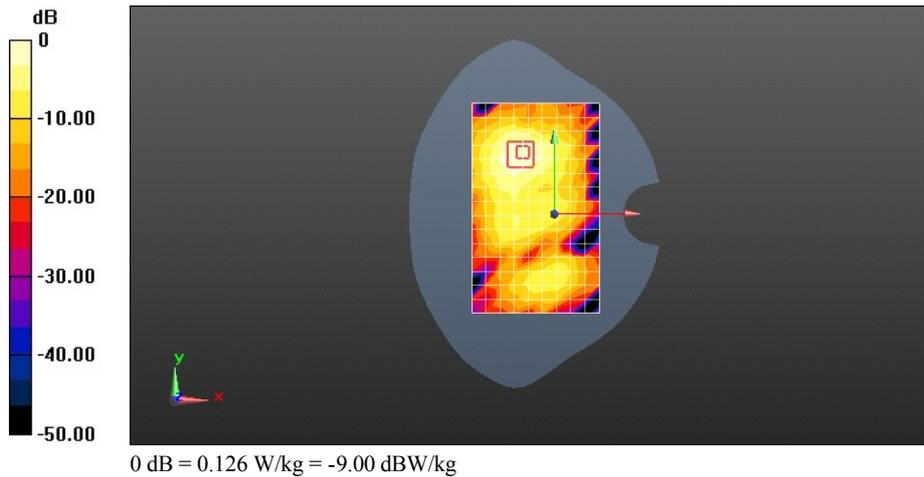
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.100 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.635 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.054 W/kg
Maximum value of SAR (measured) = 0.126 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Left edge 10mm

DUT: HUAWEI CM990; Type: cdma2000 Digital Mobile Phone; Evolution III; Serial: SAR1

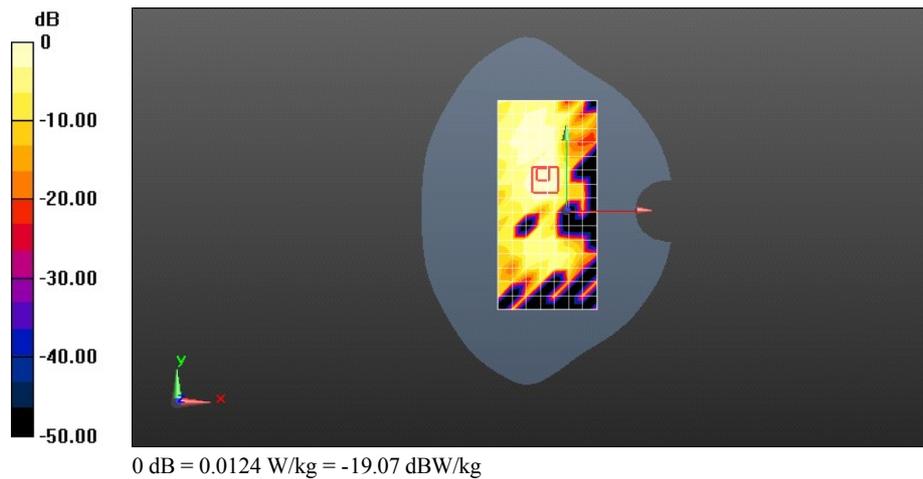
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.0106 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 1.428 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.0460 W/kg
SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.0044 W/kg
 Maximum value of SAR (measured) = 0.0124 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Right edge 10mm

DUT: HUAWEI CM990; Type: cdma2000 Digital Mobile Phone; Evolution III; Serial: SAR1

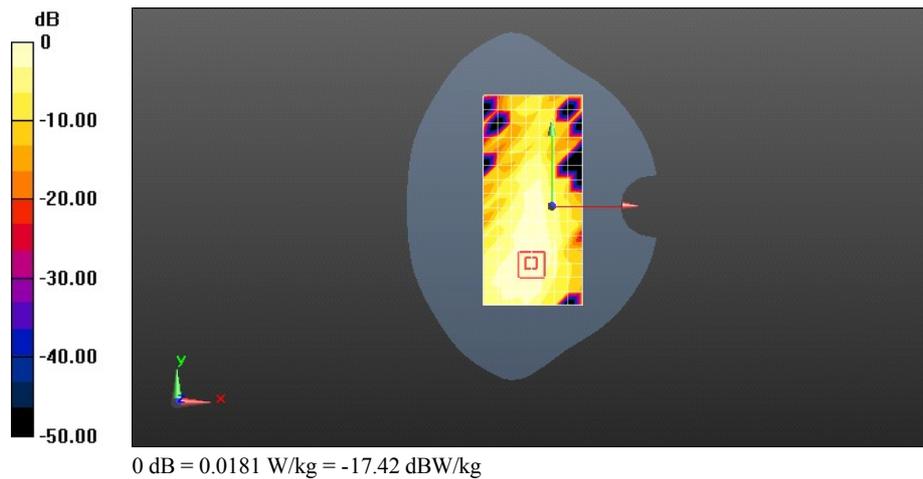
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.0167 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 2.370 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.0360 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00875 W/kg
 Maximum value of SAR (measured) = 0.0181 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Top edge 10mm

DUT: HUAWEI CM990; Type: cdma2000 Digital Mobile Phone; Evolution III; Serial: SAR1

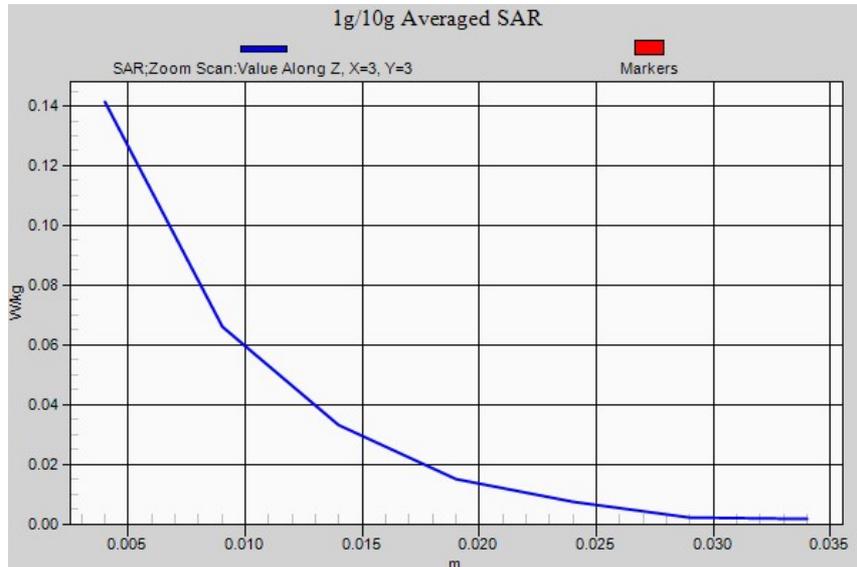
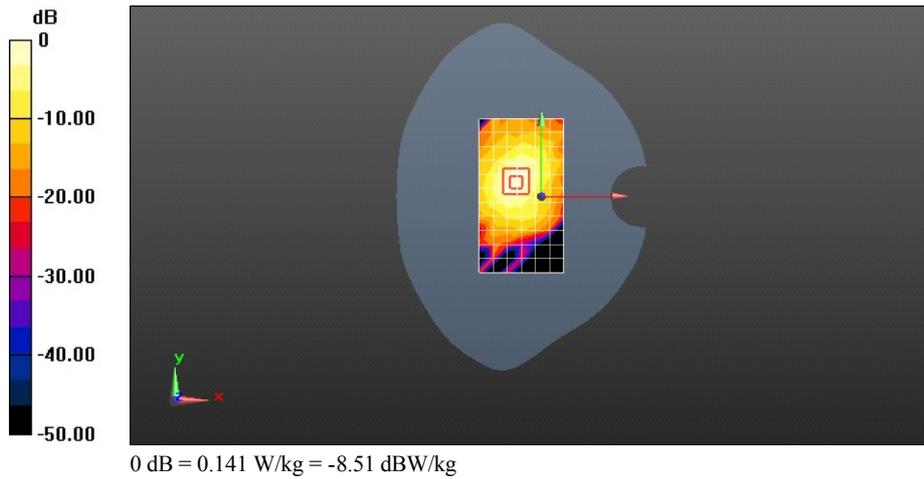
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.117 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 5.013 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.055 W/kg
 Maximum value of SAR (measured) = 0.141 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Top edge 10mm with battery 2#

DUT: HUAWEI CM990; Type: cdma2000 Digital Mobile Phone; Evolution III; Serial: SAR1

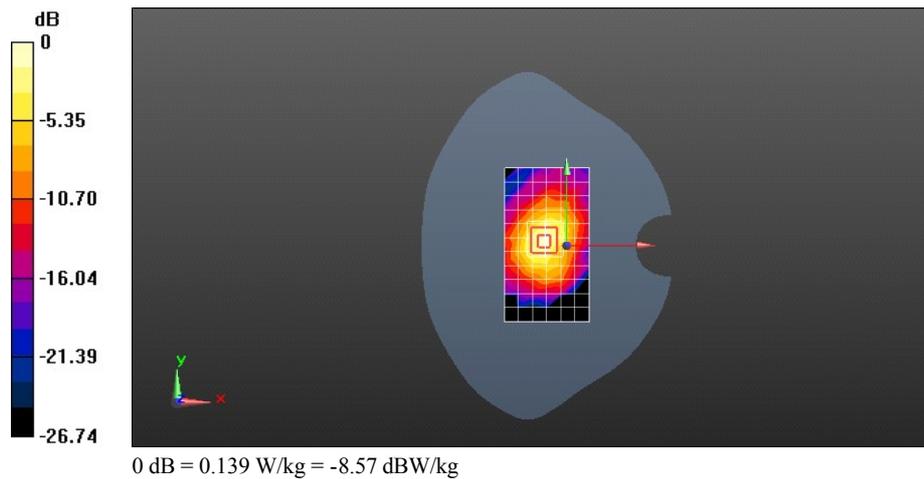
Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.135 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 7.840 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.053 W/kg
 Maximum value of SAR (measured) = 0.139 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

CM990 WIFI 11b 11CH Top edge 10mm with battery 3#

DUT: HUAWEI CM990; Type: cdma2000 Digital Mobile Phone; Evolution III; Serial: SAR1

Communication System: WiFi(802.11a/b/g/n); Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 52.213$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.36, 7.36, 7.36); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2012-11-23
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.129 W/kg

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

Reference Value = 7.636 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.052 W/kg

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

