



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

Sophia L10 GSM850 251CH Left hand touch cheek

DUT: Sophia L10; Type: WCDMA Digital Mobile Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.652$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.13, 9.13, 9.13); 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.394 W/kg

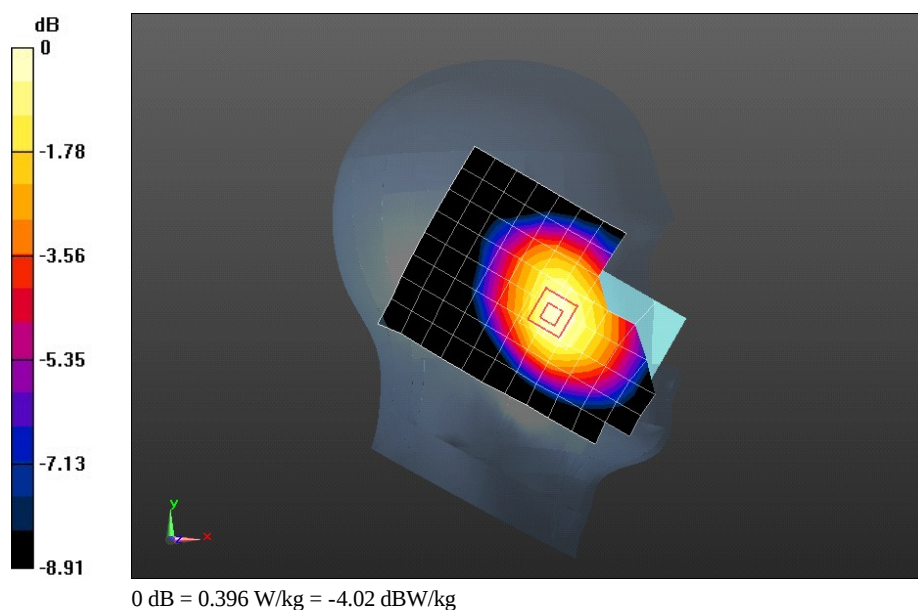
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.416 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.396 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM850 251CH Left hand touch cheek

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 39.933$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.13, 9.13, 9.13); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.363 W/kg

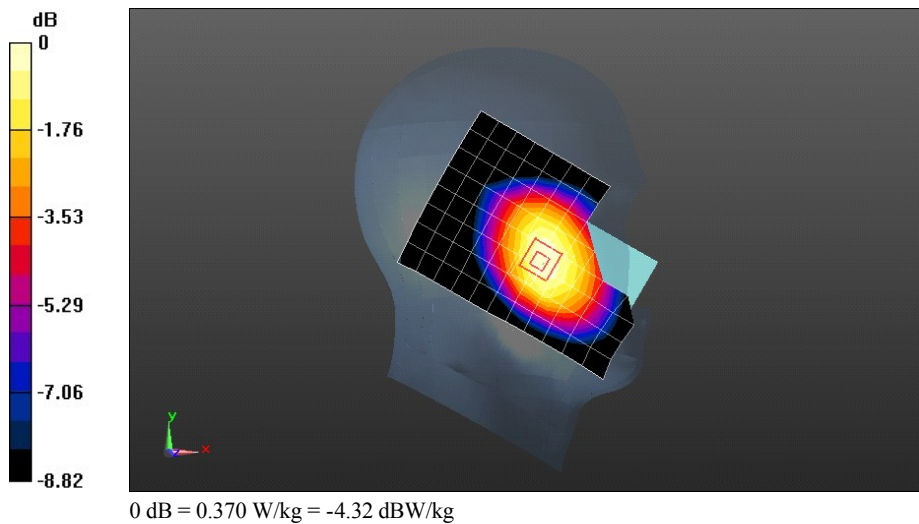
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.104 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM850 251CH Left hand touch cheek with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 849$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 39.933$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.13, 9.13, 9.13); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.390 W/kg

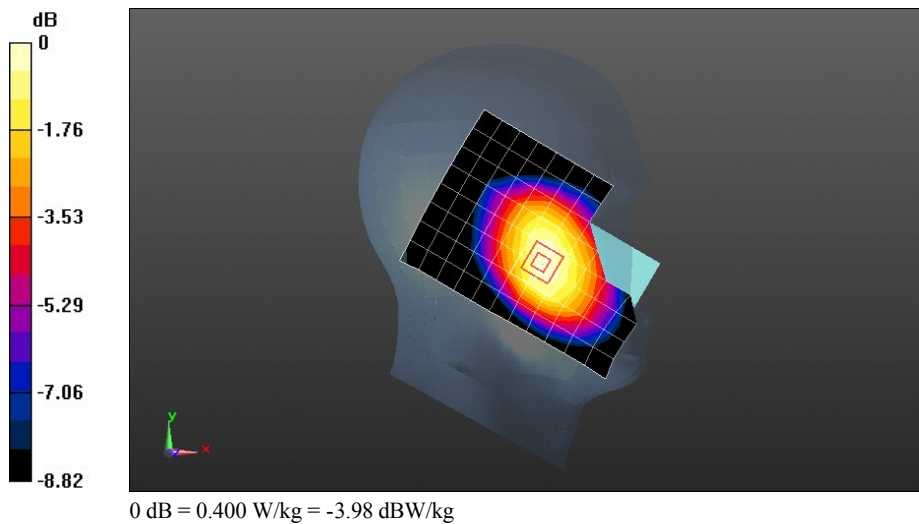
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.033 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.275 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM850 190CH Front Side 15mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-ITS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 54.156$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

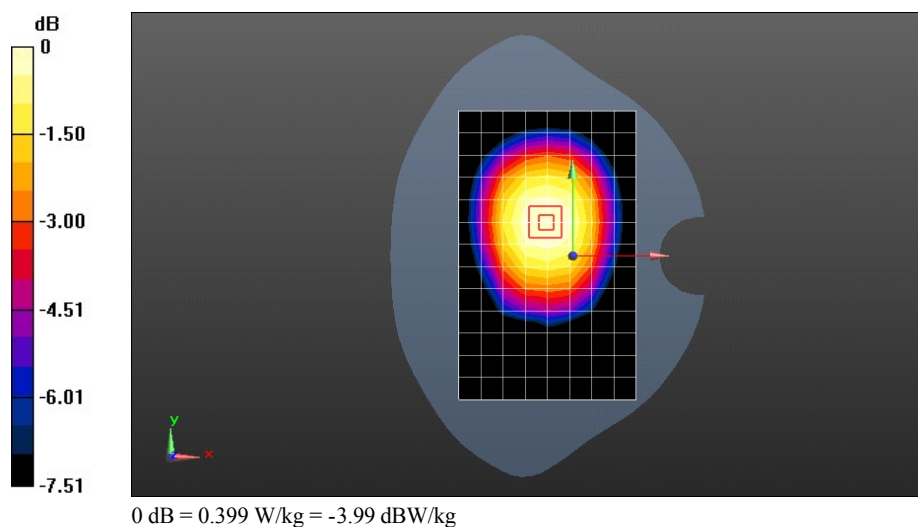
Maximum value of SAR (measured) = 0.399 W/kg

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

Reference Value = 18.499 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.281 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM850 190CH Front Side 15mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 54.156$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.450 W/kg

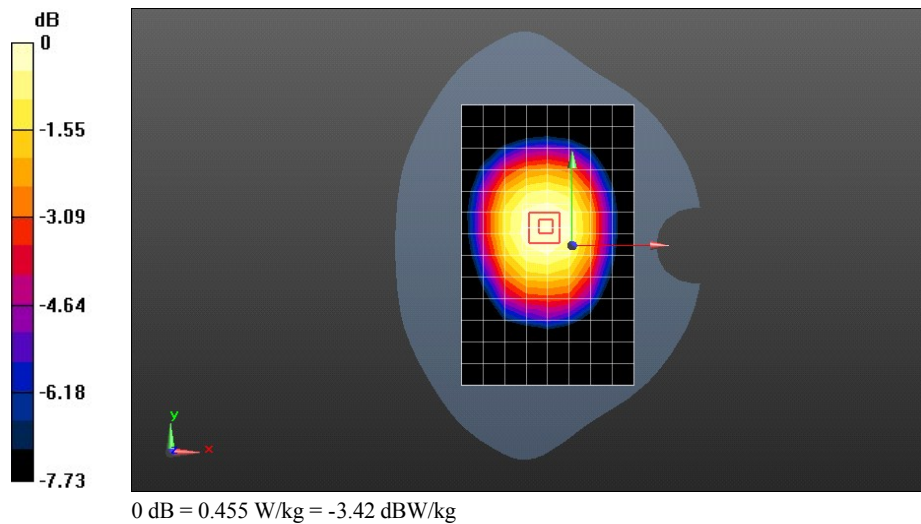
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.889 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.319 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM850 GPRS 2TS 251CH Right Side 10mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.969$ S/m; $\epsilon_r = 54.132$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.701 W/kg

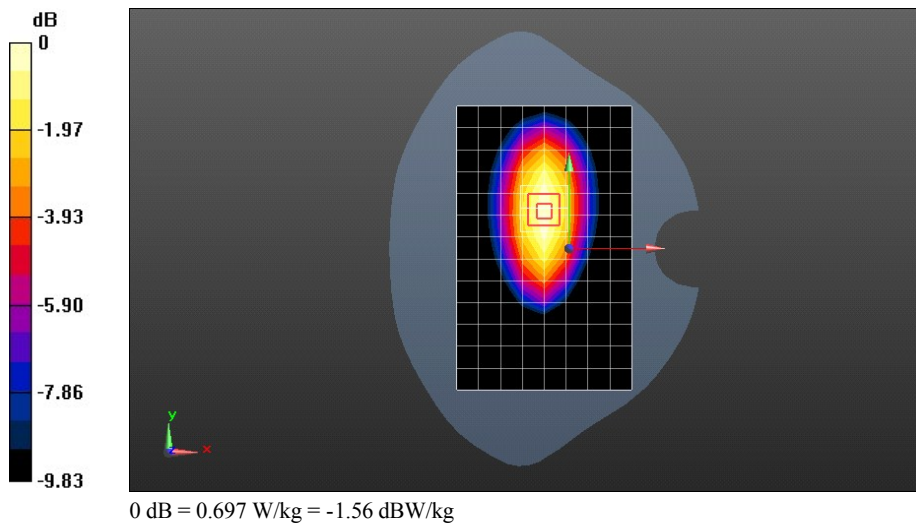
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.239 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.870 W/kg

SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 0.697 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM850 GPRS 2TS 251CH Right Side 10mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.969$ S/m; $\epsilon_r = 54.132$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

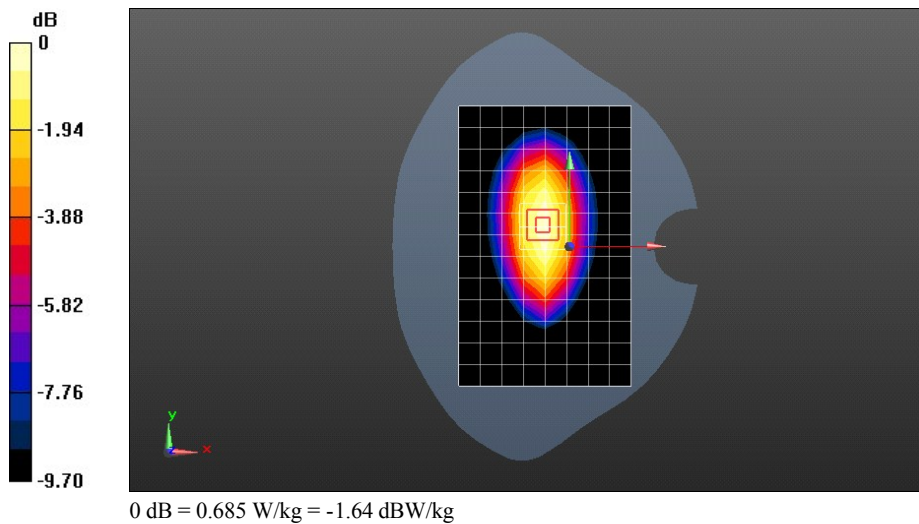
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.054 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 0.685 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Sophia L10 GSM1900 512CH Left hand touch cheek

DUT: Sophia L10; Type: WCDMA Digital Mobile Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 38.493$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

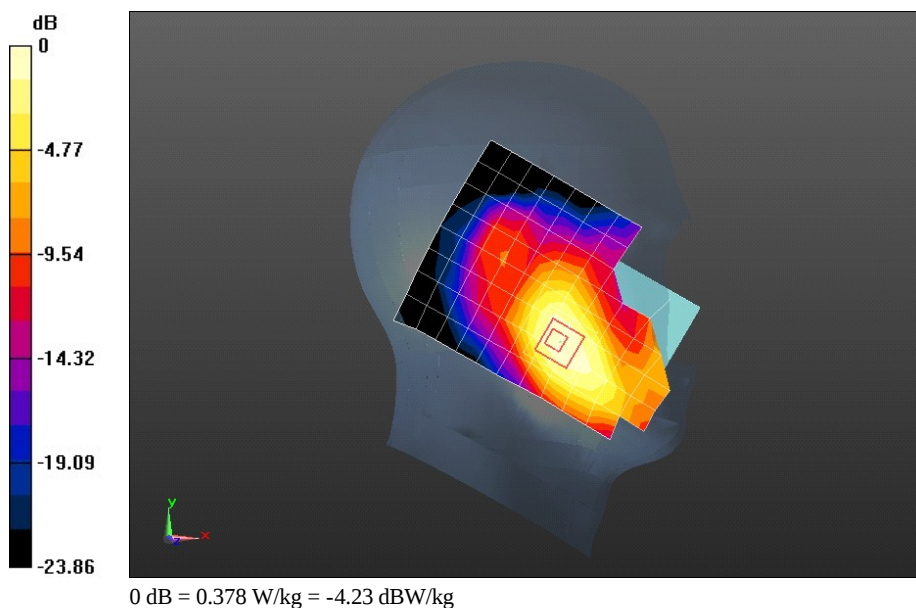
Reference Value = 5.556 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.205 W/kg

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

Maximum value of SAR (measured) = 0.378 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM1900 512CH Left hand touch cheek

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.85$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

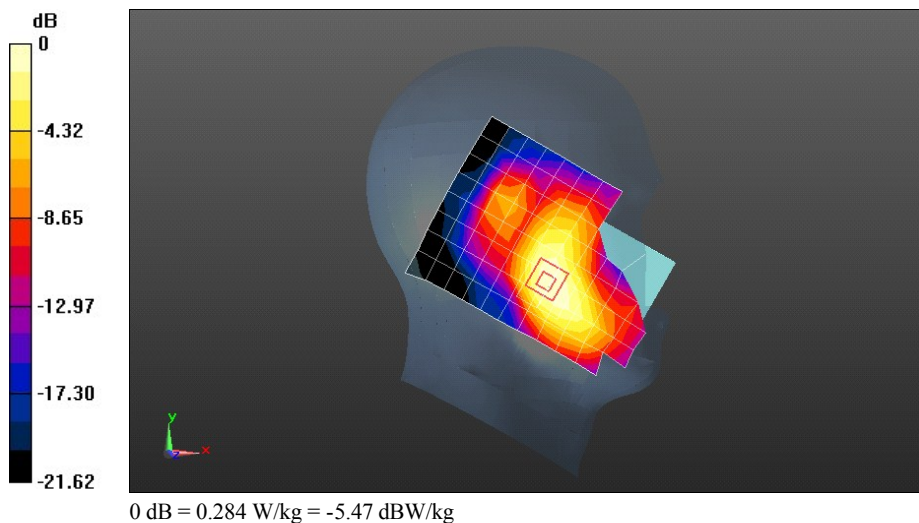
Reference Value = 5.476 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.158 W/kg

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

Maximum value of SAR (measured) = 0.284 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM1900 512CH Left hand touch cheek with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.85$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.254 W/kg

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

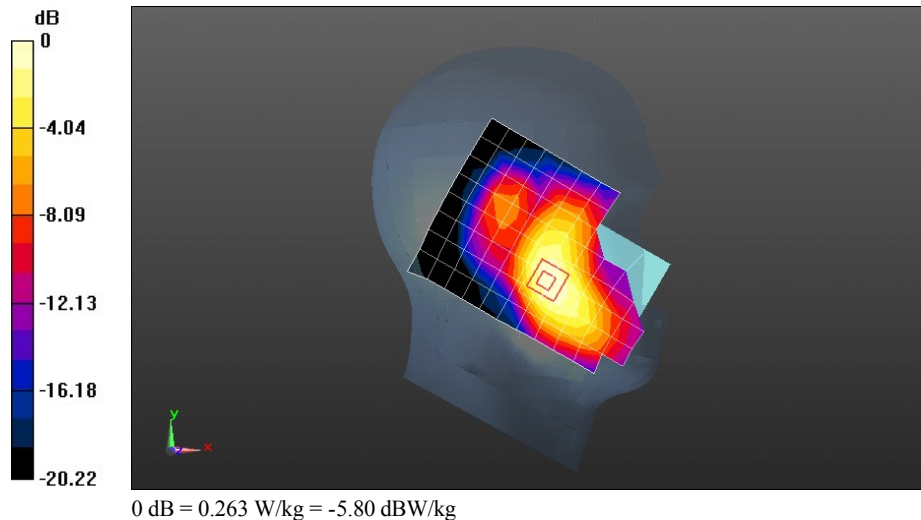
Reference Value = 4.930 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.146 W/kg

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

Maximum value of SAR (measured) = 0.263 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM1900 GPRS 1TS 661CH Front Side 15mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.150 W/kg

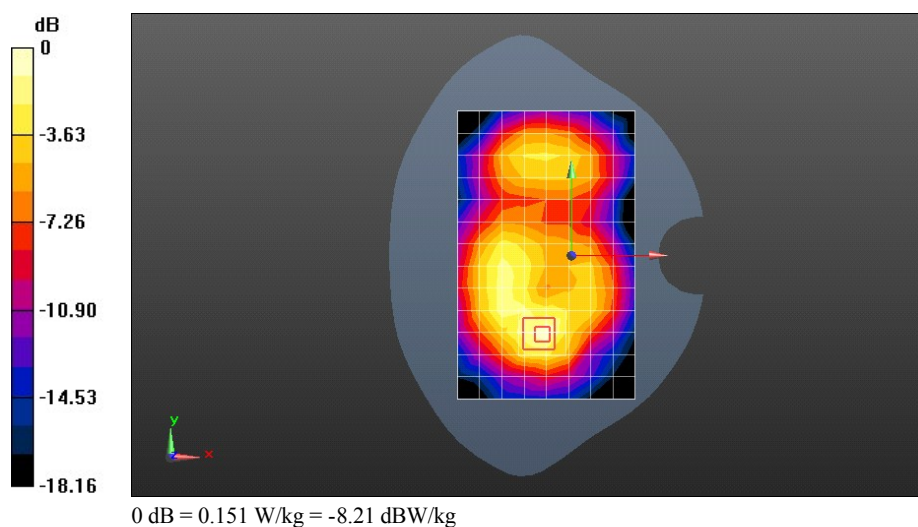
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.566 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM1900 GPRS 1TS 661CH Front Side 15mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.495 \text{ S/m}$; $\epsilon_r = 53.642$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.150 W/kg

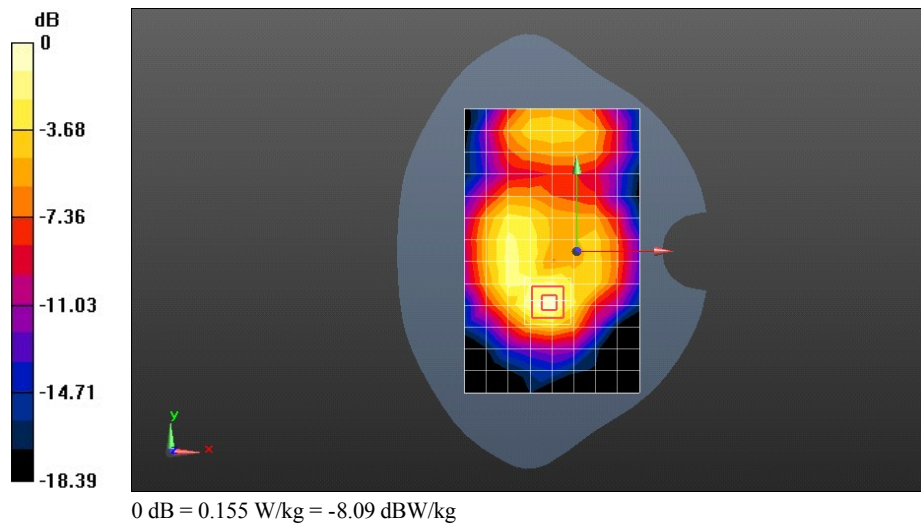
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.902 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.126 W/kg ; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM1900 GPRS 2TS 661CH Front Side 10mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.361 W/kg

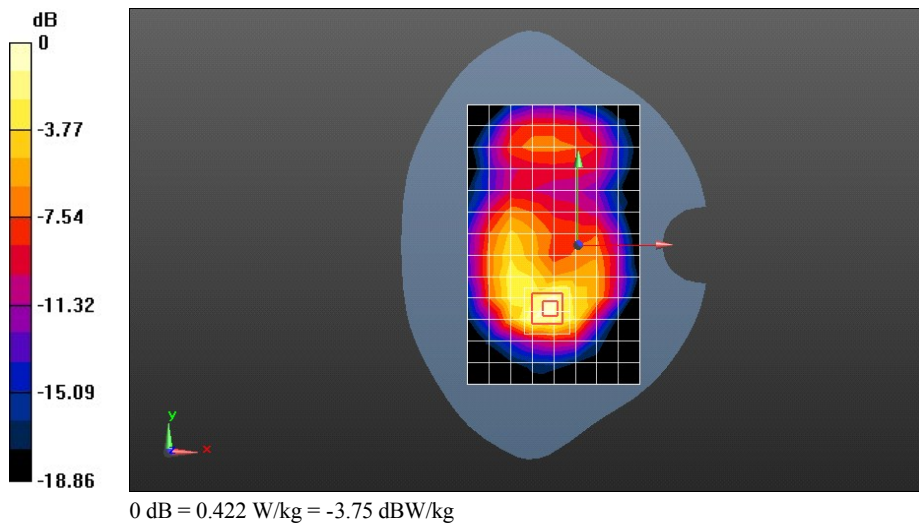
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.717 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.605 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.422 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 GSM1900 GPRS 2TS 661CH Front Side 10mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

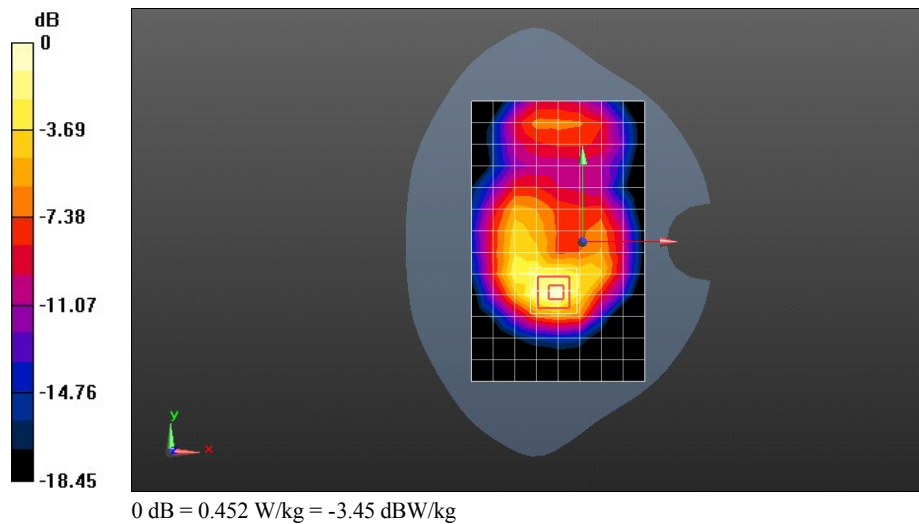
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.617 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.640 W/kg

SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.452 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band V 4182CH Left hand touch cheek

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.923$ S/m; $\epsilon_r = 40.149$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.13, 9.13, 9.13); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

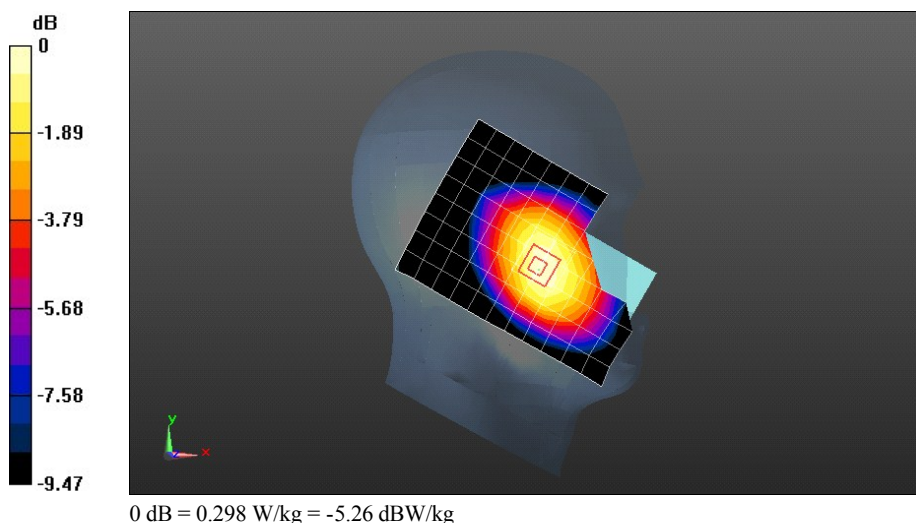
Reference Value = 6.642 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.347 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.205 W/kg

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

Maximum value of SAR (measured) = 0.298 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band V 4182CH Left hand touch cheek with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.923$ S/m; $\epsilon_r = 40.149$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.13, 9.13, 9.13); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.228 W/kg

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

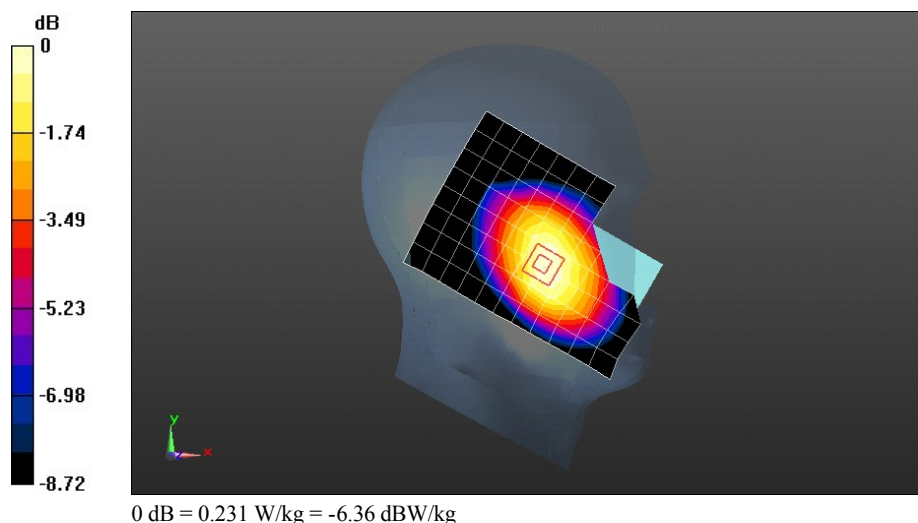
Reference Value = 6.849 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.160 W/kg

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

Maximum value of SAR (measured) = 0.231 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band V 4182CH Front Side 15mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.959$ S/m; $\epsilon_r = 54.186$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.398 W/kg

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

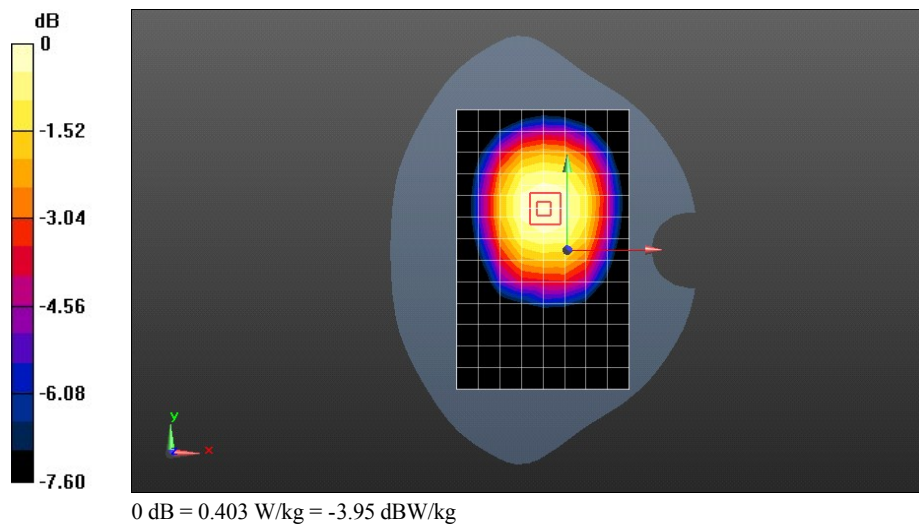
Reference Value = 17.374 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.283 W/kg

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

Maximum value of SAR (measured) = 0.403 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band V 4182CH Front Side 15mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.959$ S/m; $\epsilon_r = 54.186$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.317 W/kg

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

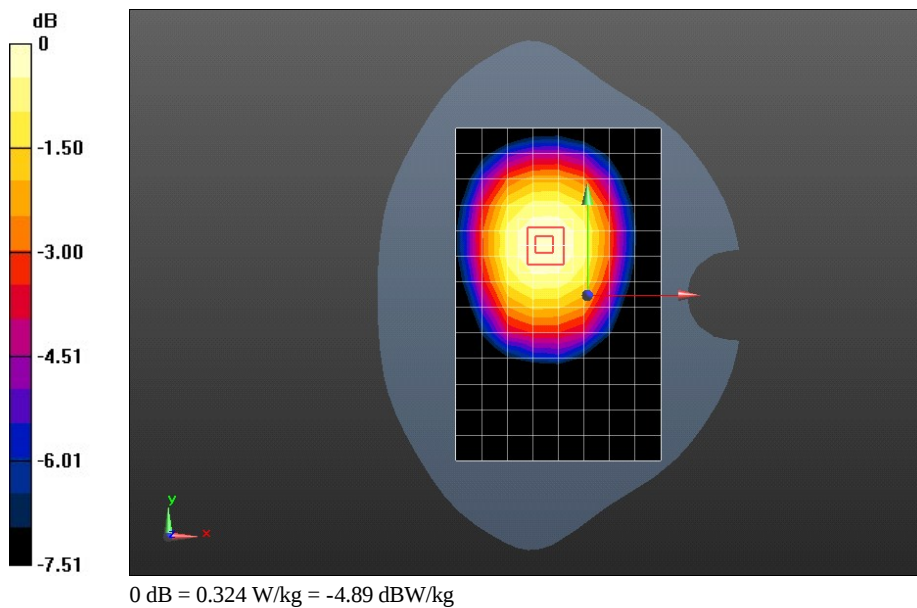
Reference Value = 15.498 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.229 W/kg

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

Maximum value of SAR (measured) = 0.324 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band V 4182CH Right Side 10mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.959$ S/m; $\epsilon_r = 54.186$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.510 W/kg

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

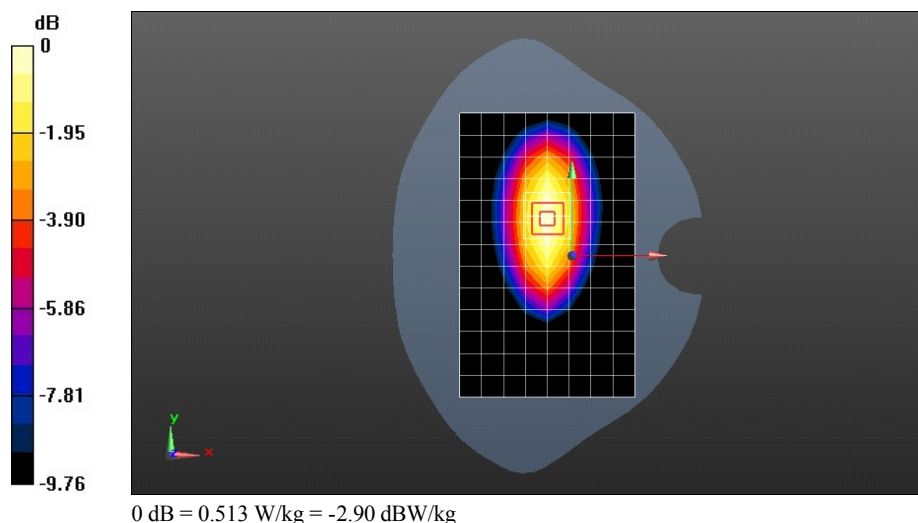
Reference Value = 19.865 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.303 W/kg

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

Maximum value of SAR (measured) = 0.513 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band V 4182CH Right Side 10mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.959$ S/m; $\epsilon_r = 54.186$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(9.07, 9.07, 9.07); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

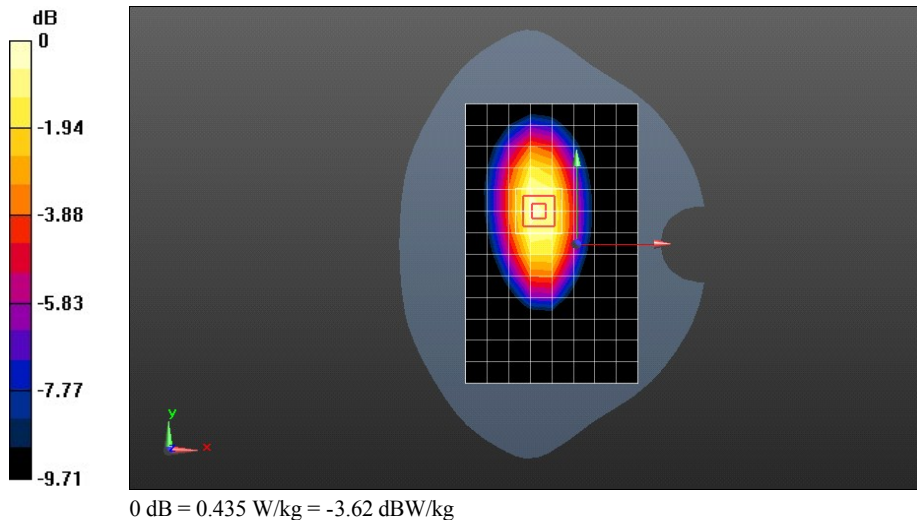
Reference Value = 17.608 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.257 W/kg

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

Maximum value of SAR (measured) = 0.435 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band II 9400CH Left hand touch cheek

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 39.827$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.604 W/kg

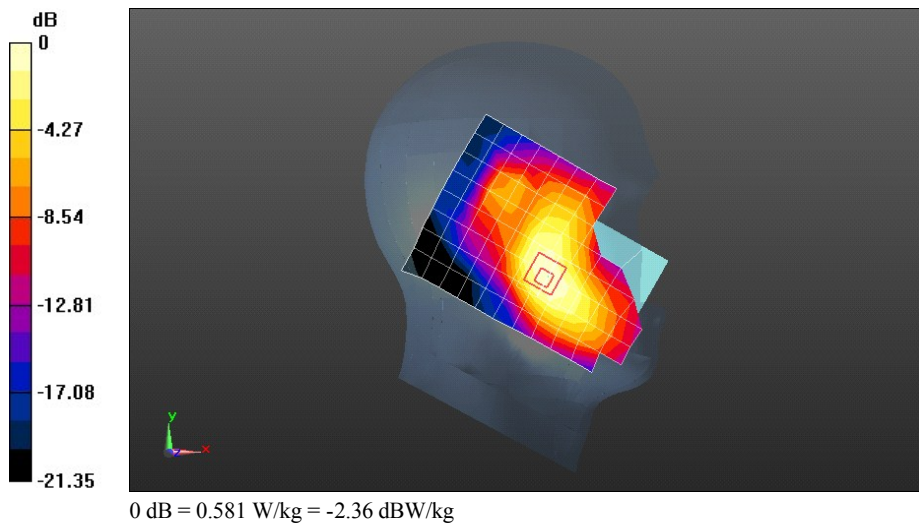
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.187 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.784 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.581 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band II 9400CH Left hand touch cheek with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 39.827$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.57, 7.57, 7.57); 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

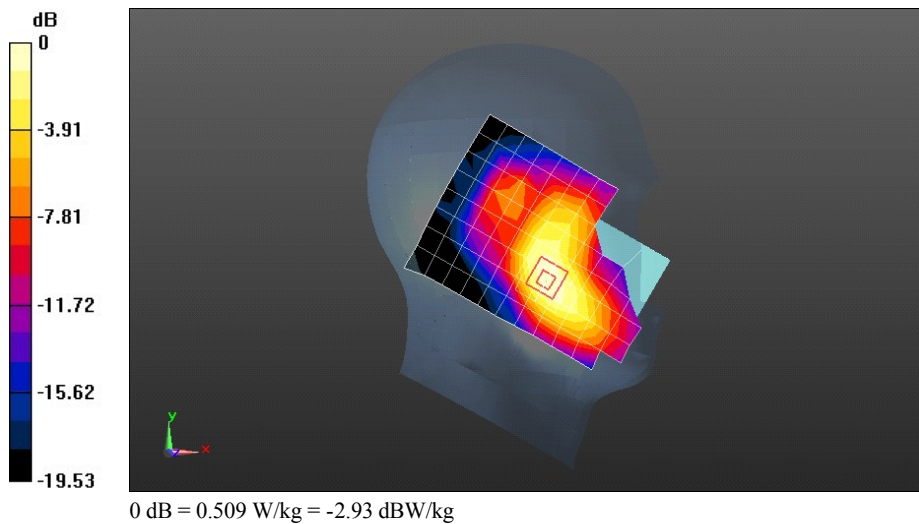
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.235 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.509 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band II 9400CH Front Side 15mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.313 W/kg

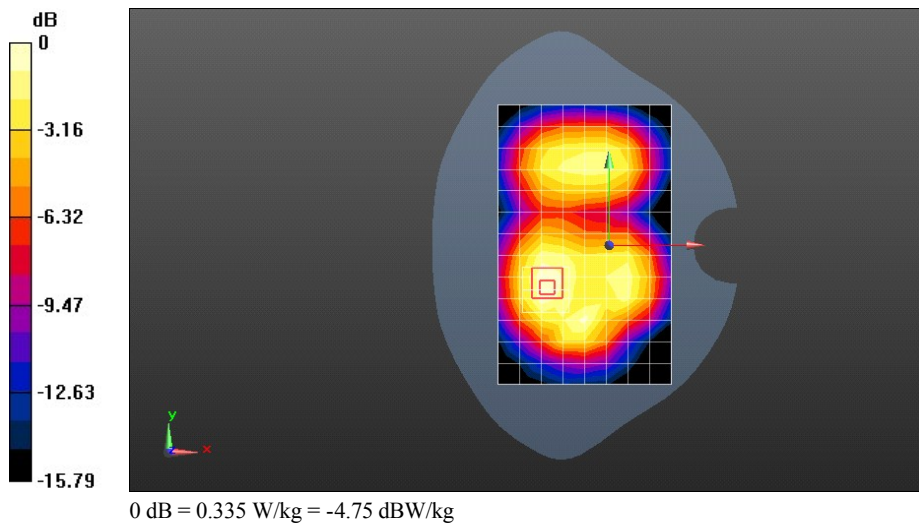
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.139 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.335 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band II 9400CH Front Side 15mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.258 W/kg

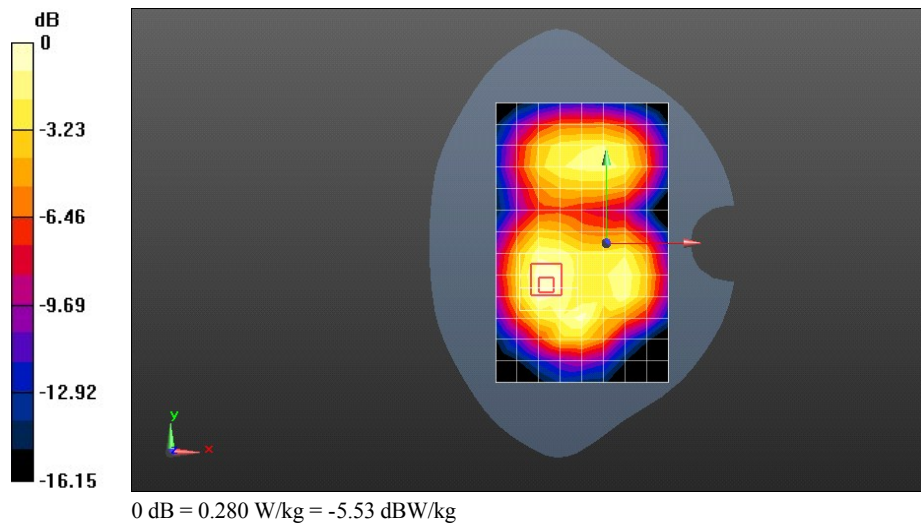
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.548 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.153 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band II 9400CH Front Side 10mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.291 W/kg

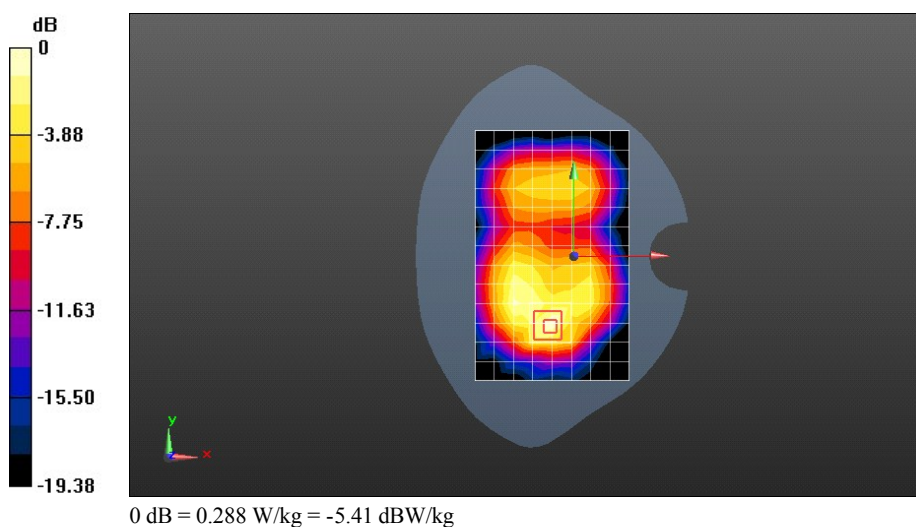
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.427 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.288 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 UMTS Band II 9400CH Front Side 10mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.27, 7.27, 7.27); Calibrated: 2013-7-26;
- 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/Head/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.258 W/kg

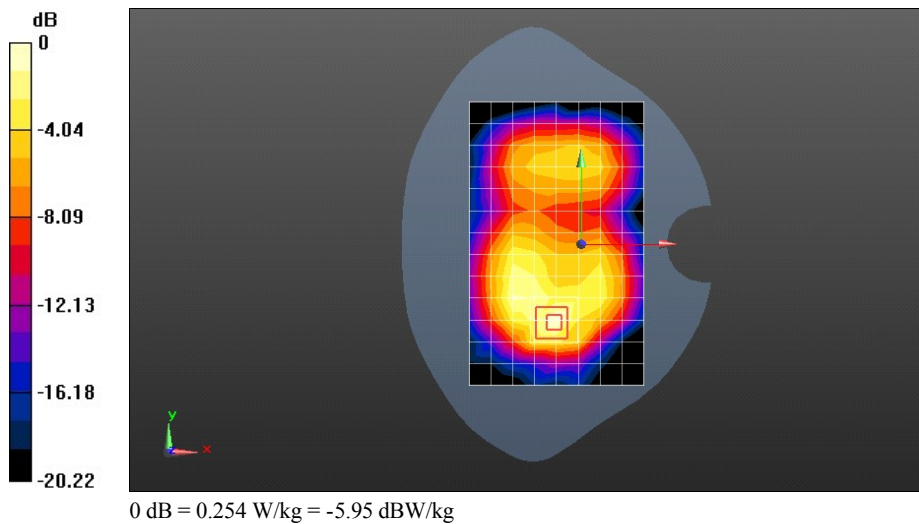
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.197 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.254 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Sophia L10 LTE Band VII 20M QPSK 1RB#50 21100CH Left hand touch cheek

DUT: Sophia L10; Type: WCDMA Digital Mobile Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 37.852$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.74, 6.74, 6.74); 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/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.393 W/kg

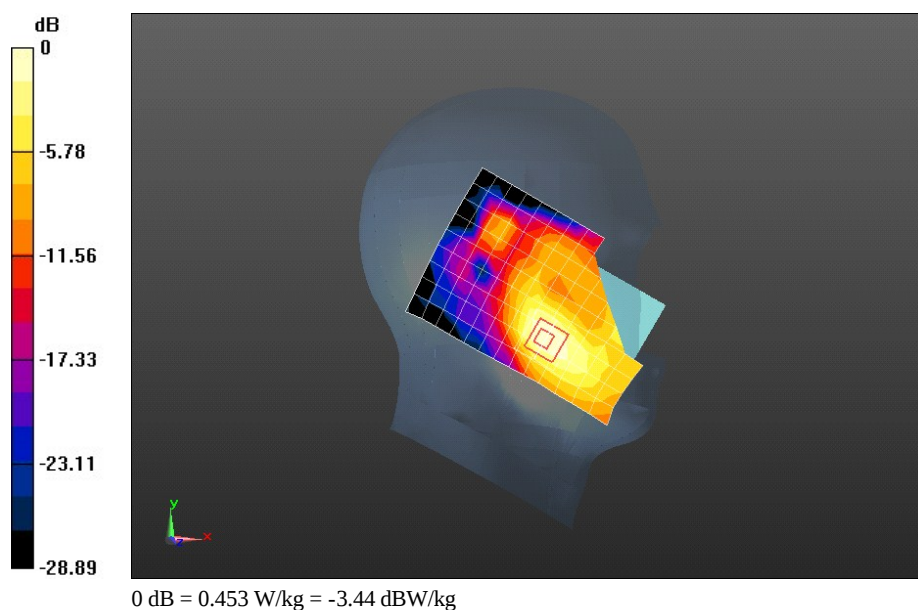
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.600 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.453 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 LTE Band VII 20M QPSK 1RB#50 21100CH Left hand touch cheek

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 37.852$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.74, 6.74, 6.74); Calibrated: 2013-7-26;
- 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/Head/Area Scan (11x20x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.241 W/kg

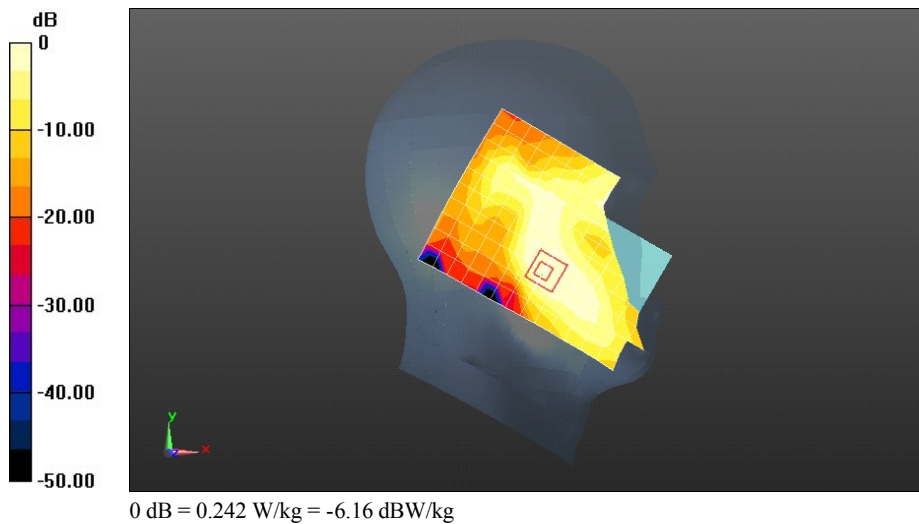
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.238 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.242 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Sophia L10 LTE Band VII 20M QPSK 1RB#50 21100CH Left hand touch cheek with battery 2#

DUT: Sophia L10; Type: WCDMA Digital Mobile Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 37.852$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.74, 6.74, 6.74); 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/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.507 W/kg

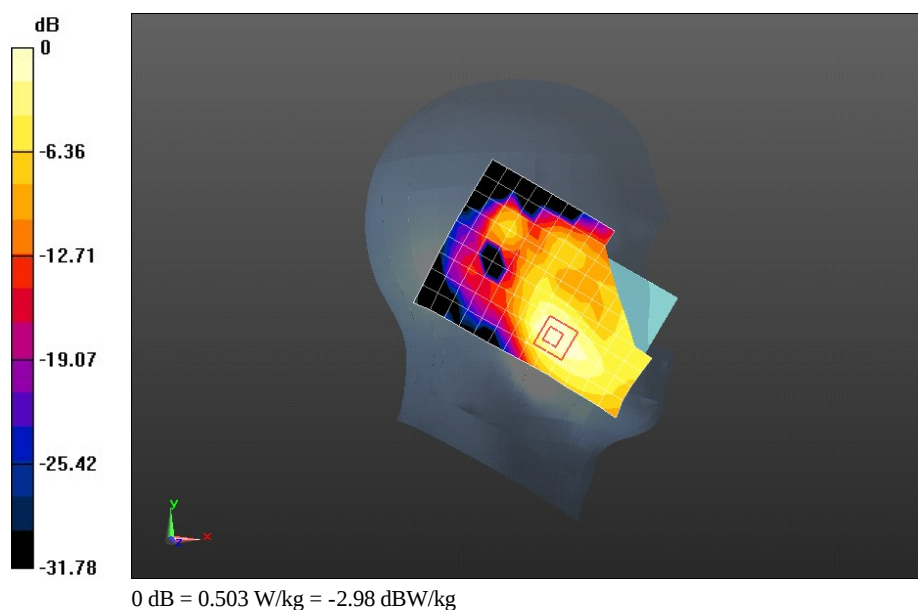
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.541 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.503 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 LTE Band VII 20M QPSK 1RB#50 21100CH Left hand touch cheek with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 37.852$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.74, 6.74, 6.74); Calibrated: 2013-7-26;
- 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/Head/Area Scan (11x20x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

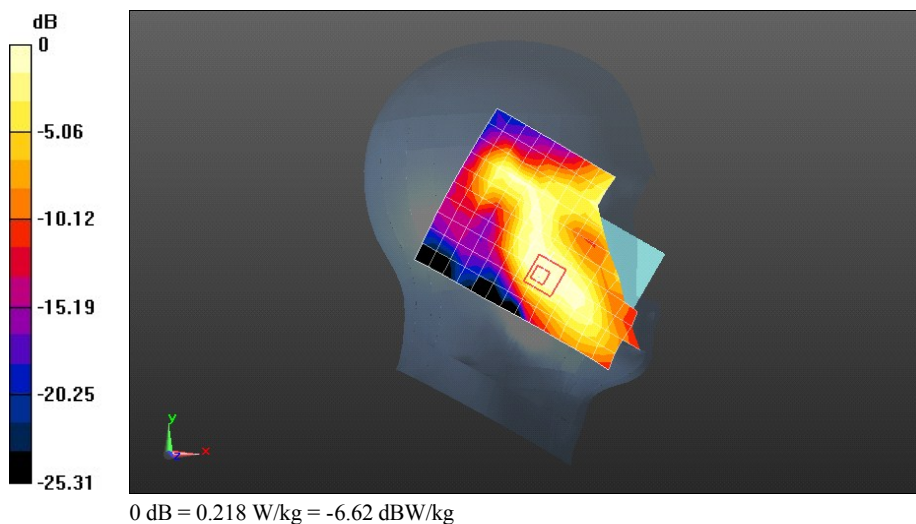
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.561 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 LTE Band VII 20M QPSK 1RB#50 21100CH Front side 15mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.075$ S/m; $\epsilon_r = 51.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.75, 6.75, 6.75); Calibrated: 2013-7-26;
- 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.412 W/kg

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

Reference Value = 3.482 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.418 W/kg

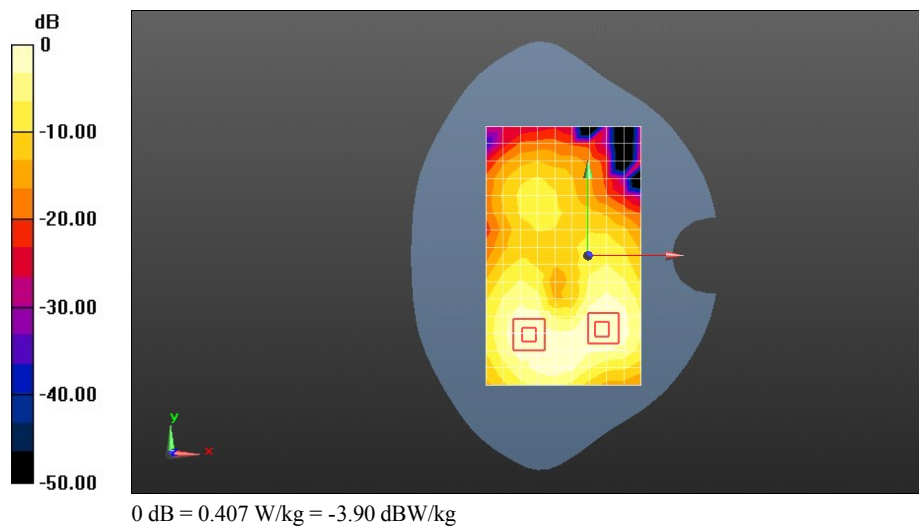
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.482 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.167 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 LTE Band VII 20M QPSK 1RB#50 21100CH Front side 15mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.075$ S/m; $\epsilon_r = 51.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.75, 6.75, 6.75); Calibrated: 2013-7-26;
- 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 (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.388 W/kg

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

Reference Value = 3.929 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.402 W/kg

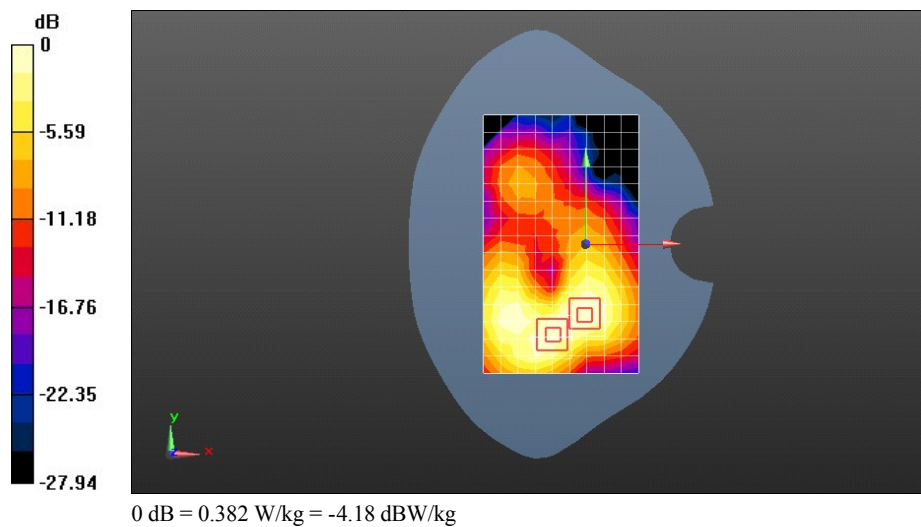
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.929 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 LTE Band VII 20M QPSK 1RB#50 21100CH Bottom side 10mm

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.075$ S/m; $\epsilon_r = 51.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.75, 6.75, 6.75); Calibrated: 2013-7-26;
- 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 (9x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.474 W/kg

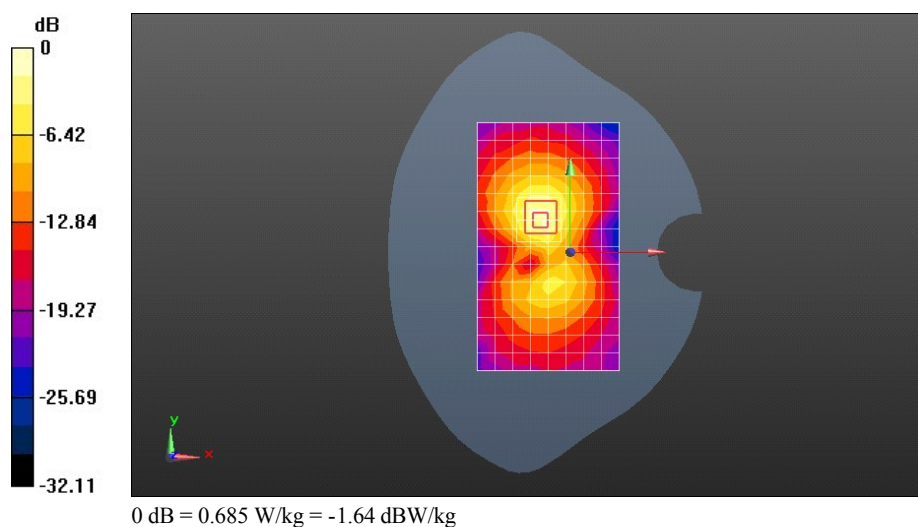
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.038 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 0.685 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 LTE Band VII 20M QPSK 1RB#50 21100CH Bottom side 10mm with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.075$ S/m; $\epsilon_r = 51.204$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.75, 6.75, 6.75); Calibrated: 2013-7-26;
- 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 (9x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

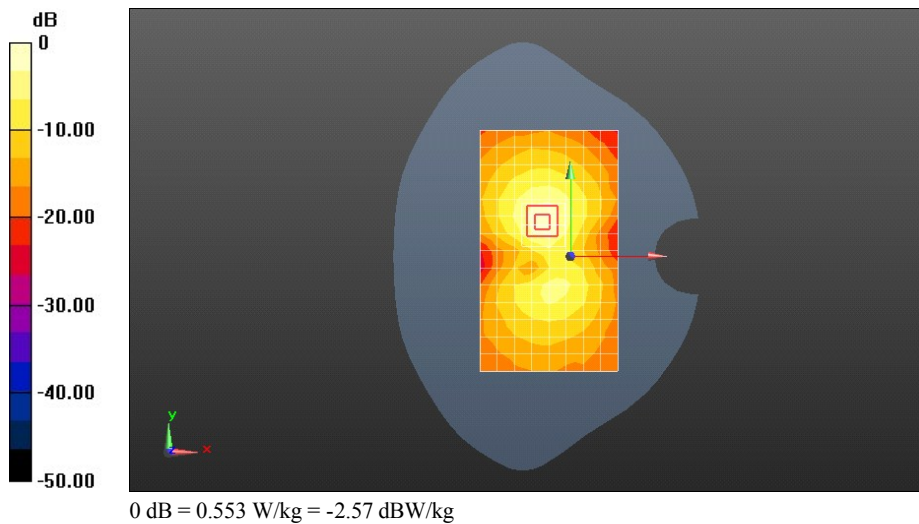
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.207 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.553 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 WiFi 802.11b 1CH Left hand touch cheek

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

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

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.96, 6.96, 6.96); 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/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.05 W/kg

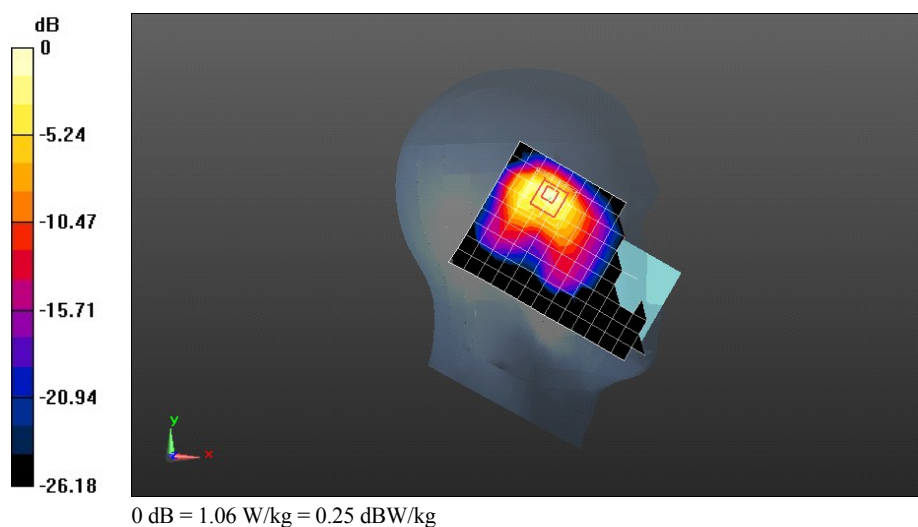
Configuration/Head/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.354 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.342 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 WiFi 802.11b 1CH Left hand touch cheek with battery 2#

DUT: P7-L10; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

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

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.96, 6.96, 6.96); 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/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.16 W/kg

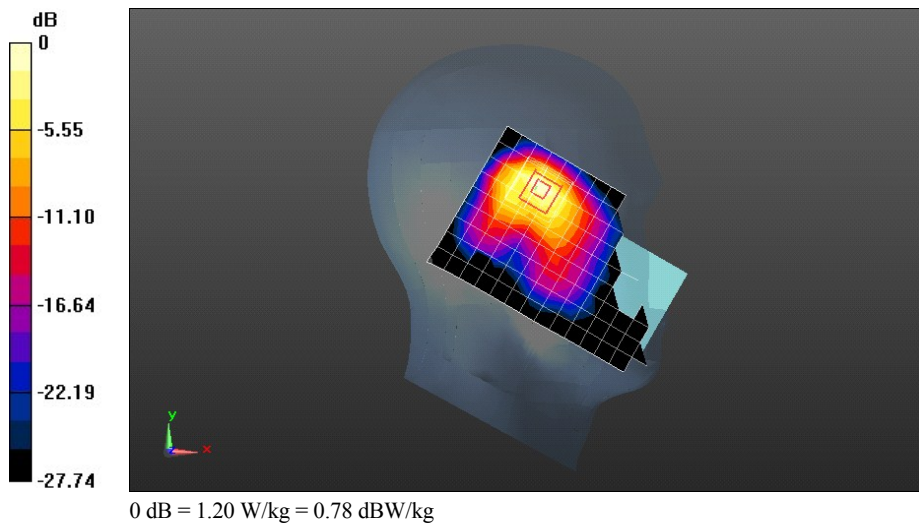
Configuration/Head/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.704 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 WiFi 802.11b 11CH Back side 15mm with battery 2#

DUT: P7-L10; Type: Smart Phone; 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; $\sigma = 1.976$ S/m; $\epsilon_r = 50.696$; $\rho = 1000$ 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 (11x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.148 W/kg

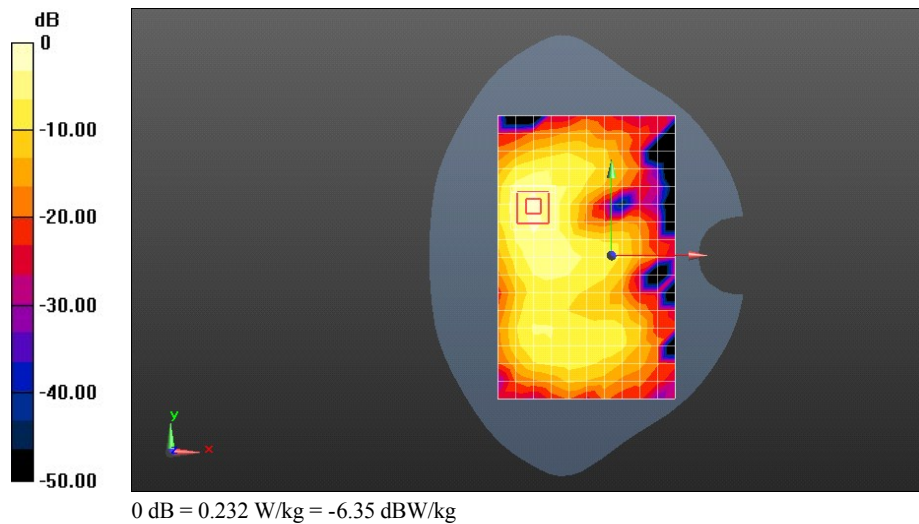
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.620 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.232 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

P7-L10 WiFi 802.11b 11CH Right side 10mm with battery 2#

DUT: P7-L10; Type: Smart Phone; 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; $\sigma = 1.976$ S/m; $\epsilon_r = 50.696$; $\rho = 1000$ 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 (11x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.340 W/kg

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

Reference Value = 5.522 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.341 W/kg

