



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 GSM850 251CH Right hand tilt 15 degree with battery 2#-Secondary antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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; $\sigma = 0.94$ S/m; $\epsilon_r = 39.623$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.58, 6.58, 6.58); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.605 W/kg

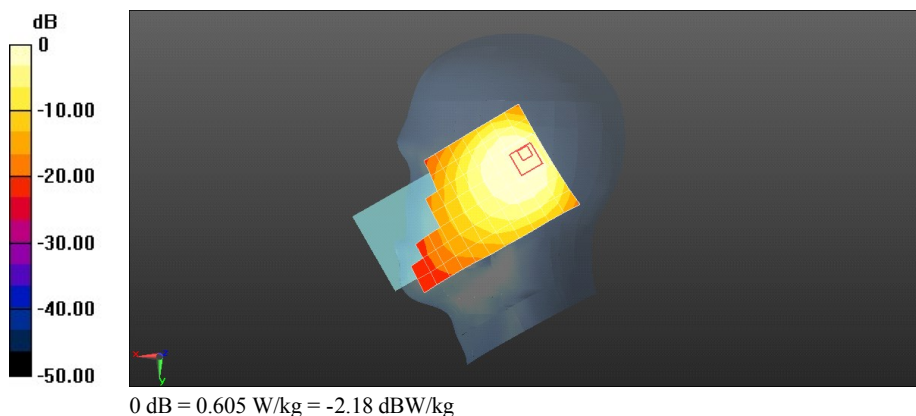
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.06 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.669 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 GSM850 190CH Back Side 15mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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; $\sigma = 0.974$ S/m; $\epsilon_r = 53.43$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.194 W/kg

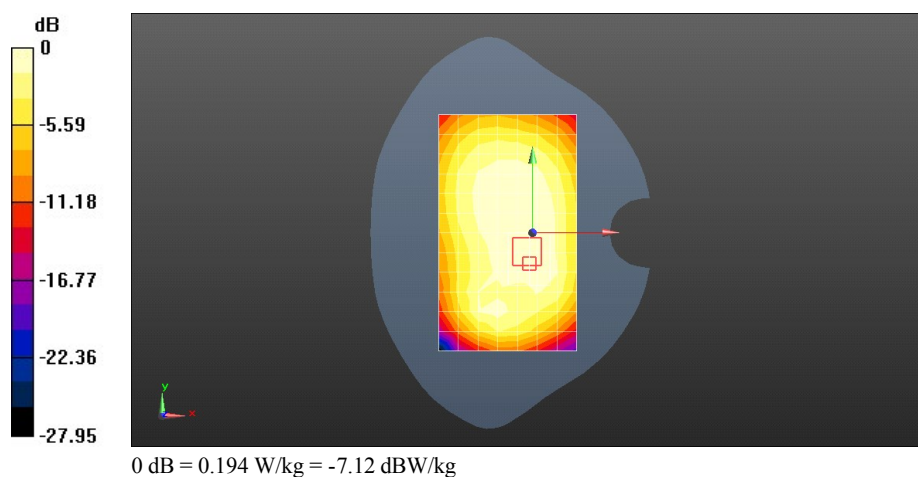
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.30 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 GSM850 GPRS 2TS 190CH Back Side 10mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 53.43$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

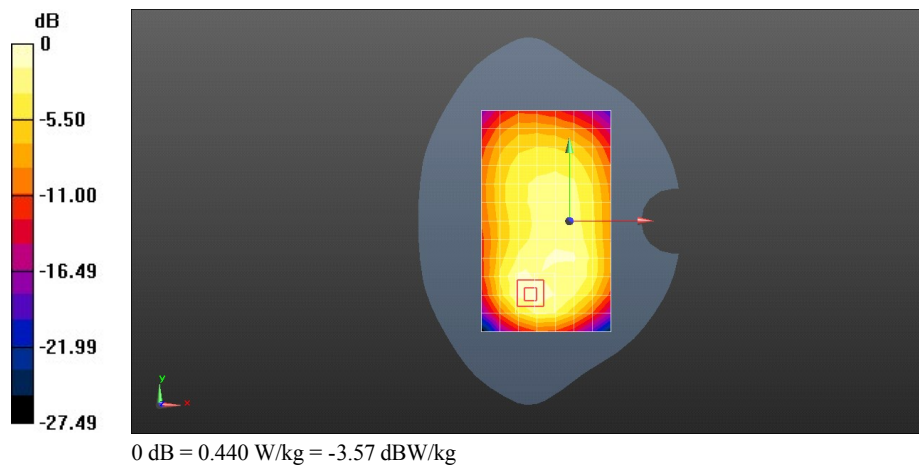
Maximum value of SAR (measured) = 0.440 W/kg

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

Reference Value = 14.99 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.210 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 GSM1900 810CH Right hand touch cheek with battery 2#-Secondary antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 40.608$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.09, 5.09, 5.09); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.754 W/kg

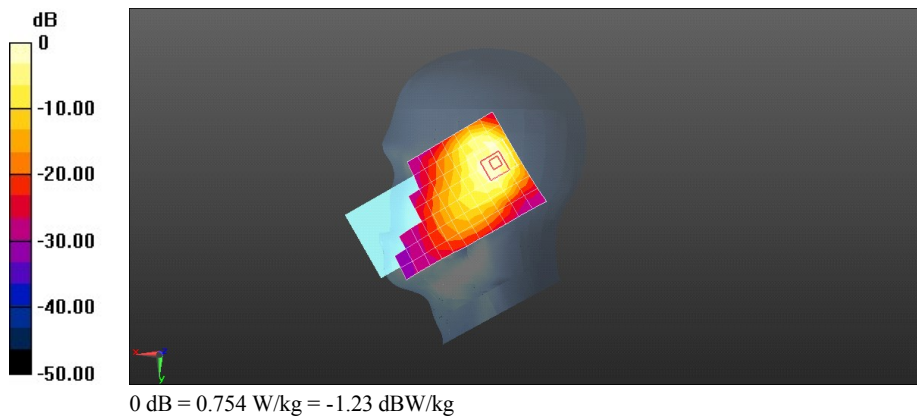
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.73 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 0.929 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 GSM1900 661CH Back Side 15mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 53.846$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.35, 7.35, 7.35); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.221 W/kg

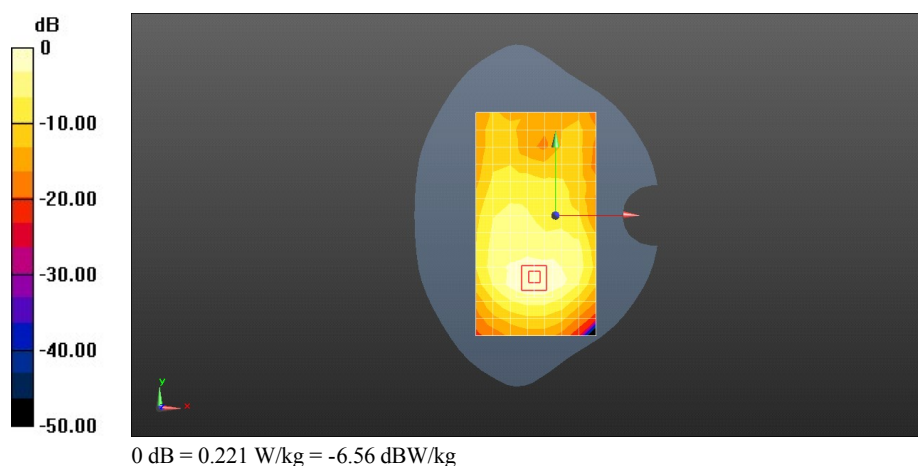
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.213 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 GSM1900 GPRS 3TS 810CH Bottom Side 10mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77013

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.541$ S/m; $\epsilon_r = 53.784$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.35, 7.35, 7.35); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

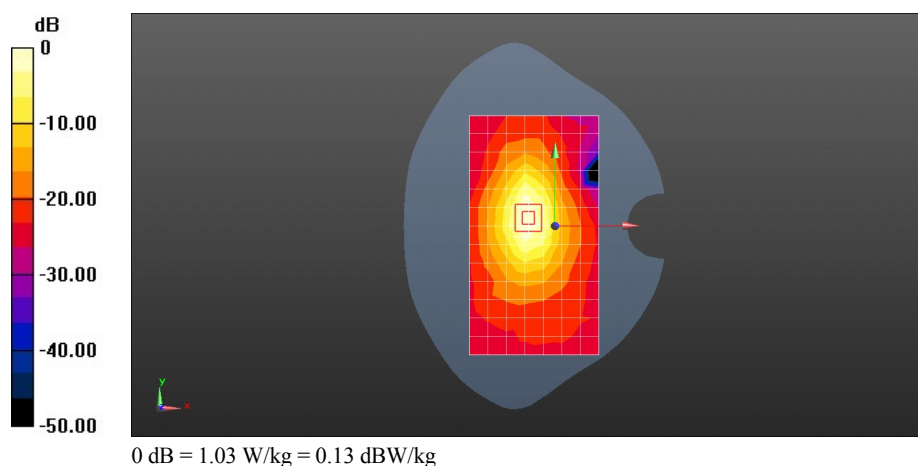
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.84 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band V 4233CH Right hand touch cheek-Secondary antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 847$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 39.651$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.58, 6.58, 6.58); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.580 W/kg

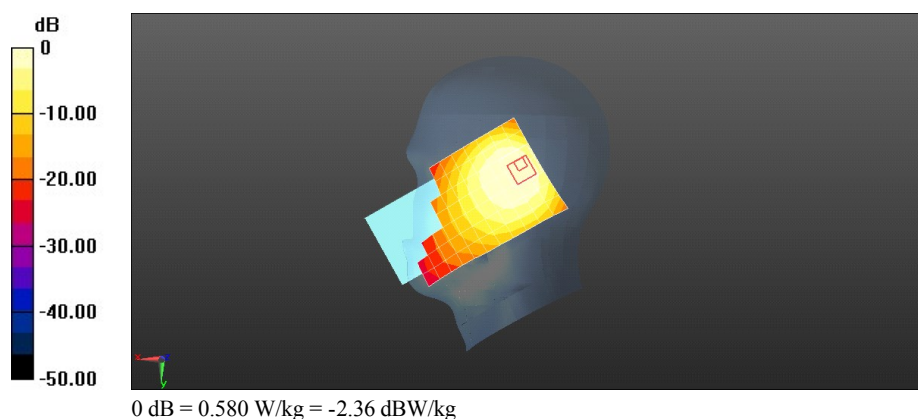
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.77 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.624 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band V 4182CH Back Side 15mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 53.438$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.255 W/kg

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

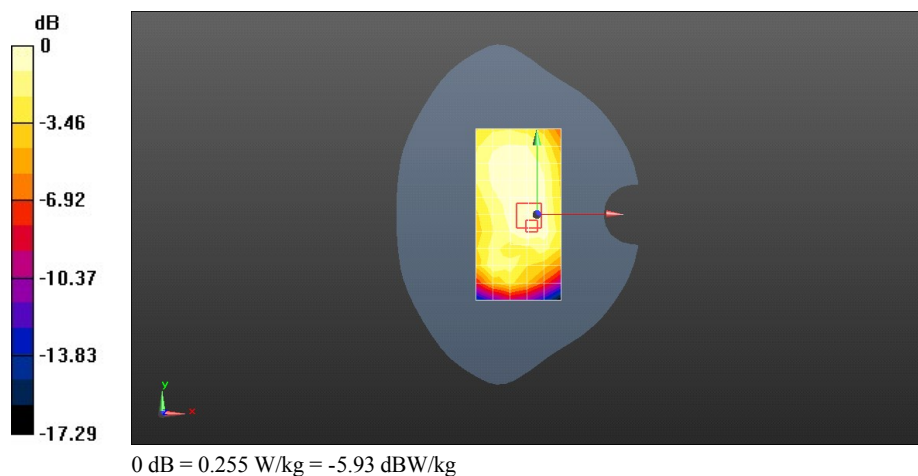
Reference Value = 15.27 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.175 W/kg

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

Maximum value of SAR (measured) = 0.260 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band V 4182CH Back Side 10mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 53.438$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.490 W/kg

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

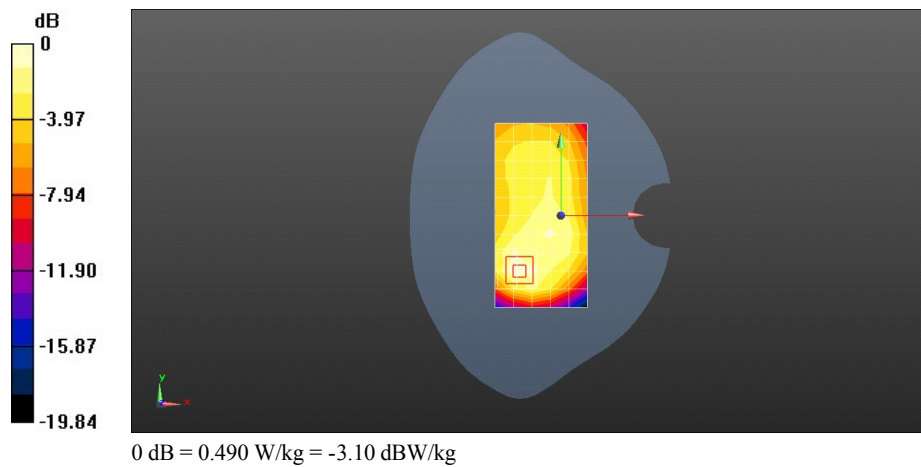
Reference Value = 17.05 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.244 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band IV 1513CH Right hand tilt 15 degree-Secondary antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.393$ S/m; $\epsilon_r = 39.177$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.25, 5.25, 5.25); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

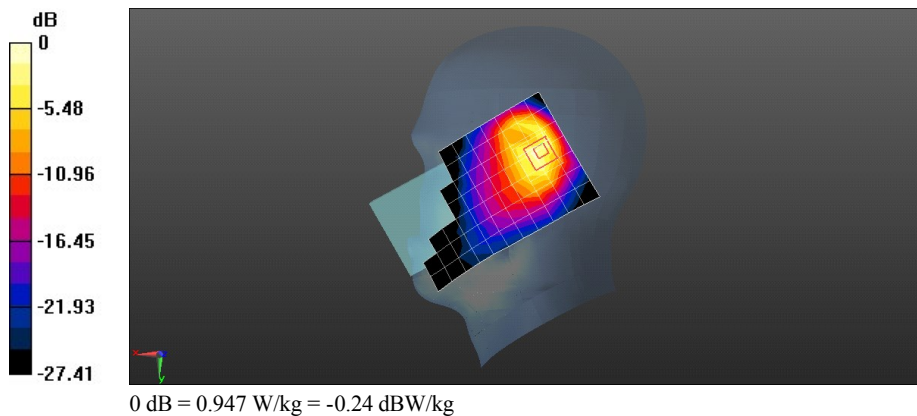
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.376 W/kg

Maximum value of SAR (measured) = 0.947 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band IV 1413CH Back Side with 15mm with battery 2#-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 54.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.93, 4.93, 4.93); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.156 W/kg

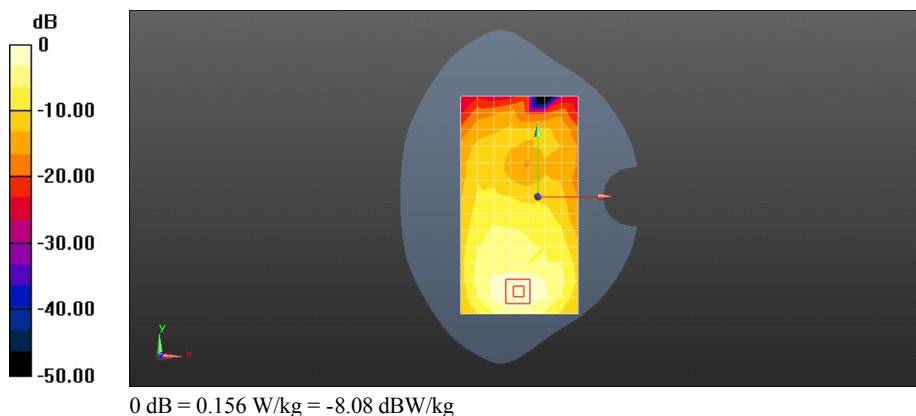
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.957 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.192 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band IV 1413CH Bottom Side 10mm with battery 2#-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.491$ S/m; $\epsilon_r = 54.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.93, 4.93, 4.93); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.371 W/kg

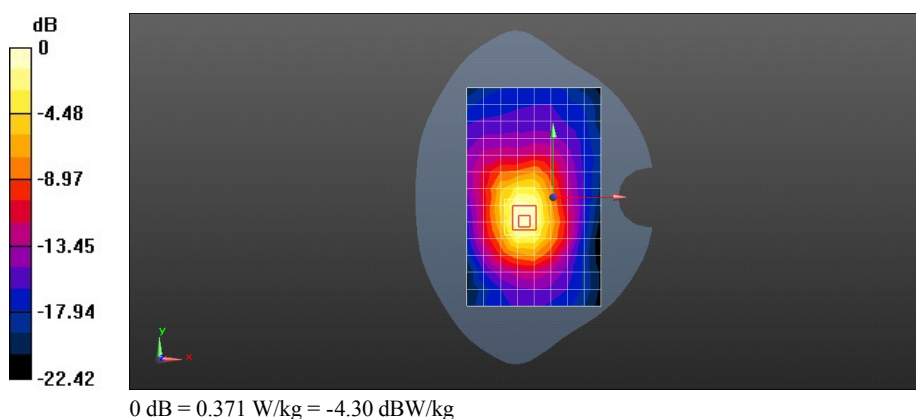
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.56 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.456 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band II 9538CH Right hand touch cheek -Secondary antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 40.589$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.09, 5.09, 5.09); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.611 W/kg

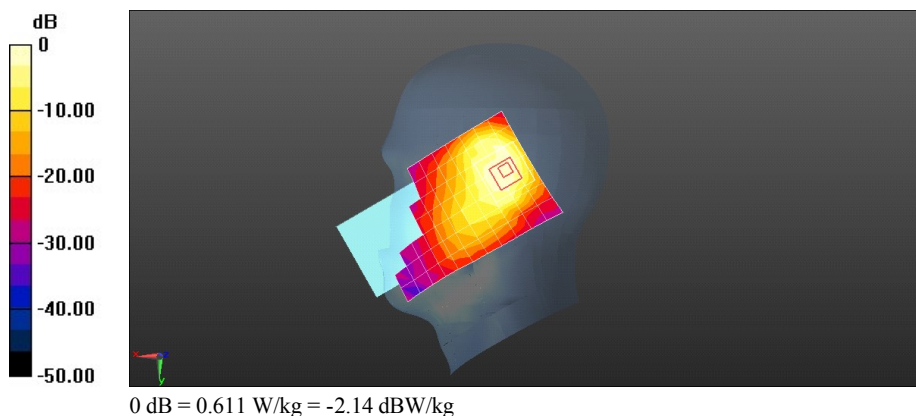
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.29 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.318 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band II 9400CH Back Side 15mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 53.846$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.35, 7.35, 7.35); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.296 W/kg

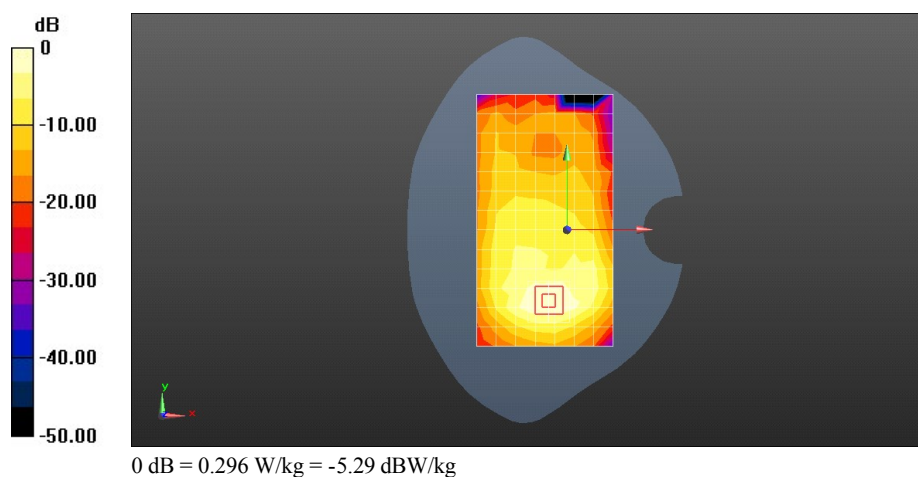
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.270 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.166 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 UMTS Band II 9400CH Bottom Side 10mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 53.846$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.35, 7.35, 7.35); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.482 W/kg

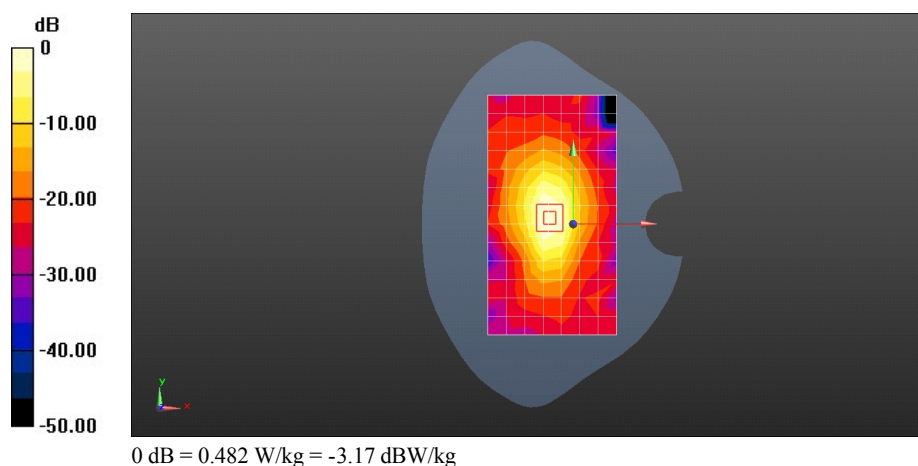
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.60 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.655 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band II 20M QPSK 1RB#99 18700CH Right hand touch cheek-Secondary antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 40.163$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.09, 5.09, 5.09); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.612 W/kg

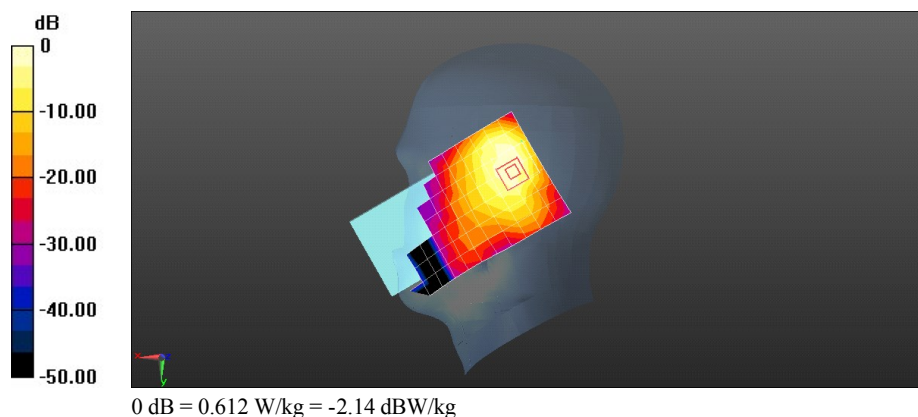
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.29 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 0.647 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band II 20M QPSK 1RB#99 19100CH Back Side 15mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.533$ S/m; $\epsilon_r = 53.81$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.35, 7.35, 7.35); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP:1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.714 W/kg

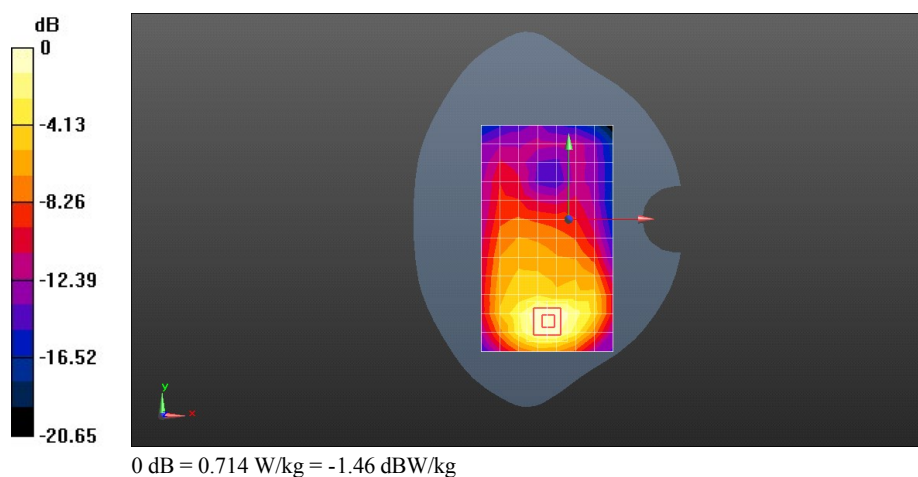
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.591 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 0.878 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band II 20M QPSK 1RB#50 18700CH Bottom Side 10mm with battery 2#-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 53.859$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.35, 7.35, 7.35); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

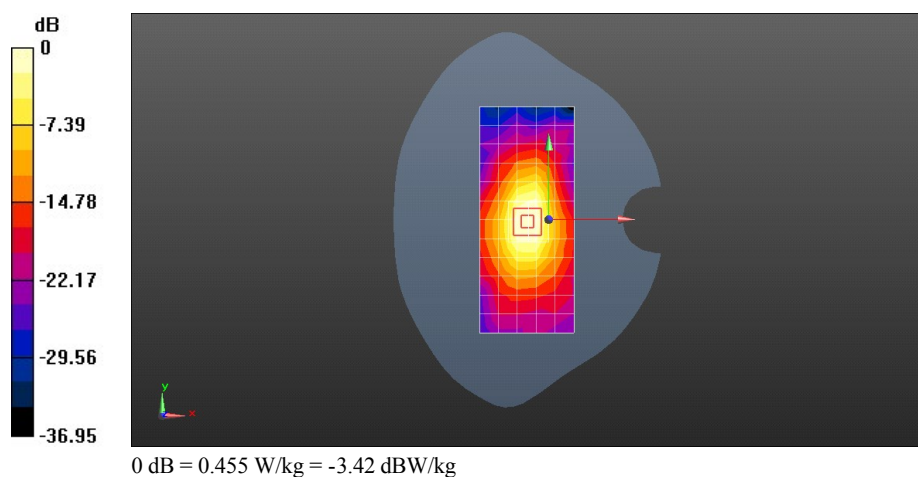
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.64 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.944 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.682 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band IV 20M QPSK 1RB#99 20175CH Right hand tilt 15 degree-Secondary antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.214$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.25, 5.25, 5.25); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (7x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.712 W/kg

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

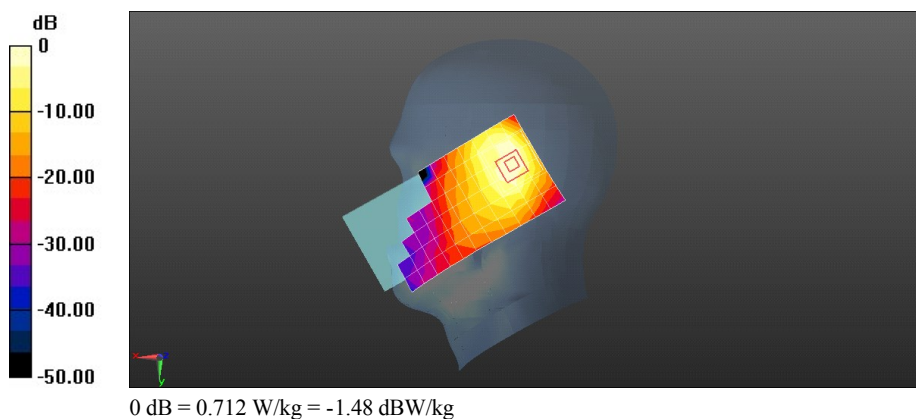
Reference Value = 22.11 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.340 W/kg

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

Maximum value of SAR (measured) = 0.875 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band IV 20M QPSK 1RB#99 20175CH Back Side 15mm with battery 2#-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 54.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.93, 4.93, 4.93); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.197 W/kg

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

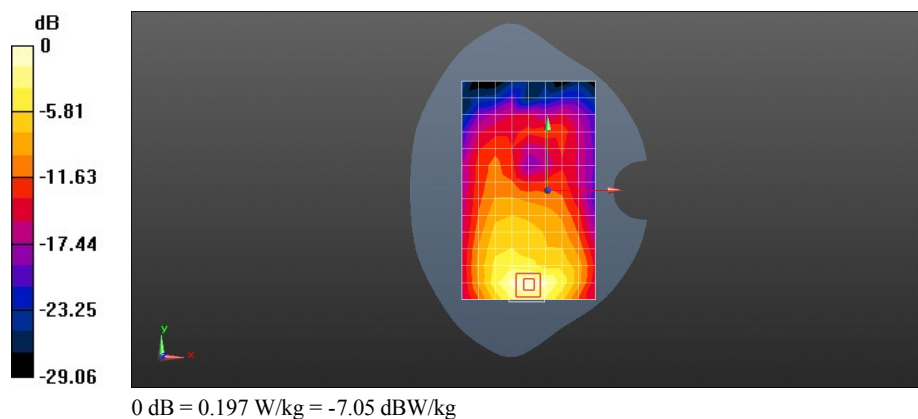
Reference Value = 2.958 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.097 W/kg

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

Maximum value of SAR (measured) = 0.203 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band IV 20M QPSK 1RB#99 20175CH Bottom Side 10mm with battery 2#-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 54.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.93, 4.93, 4.93); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.387 W/kg

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

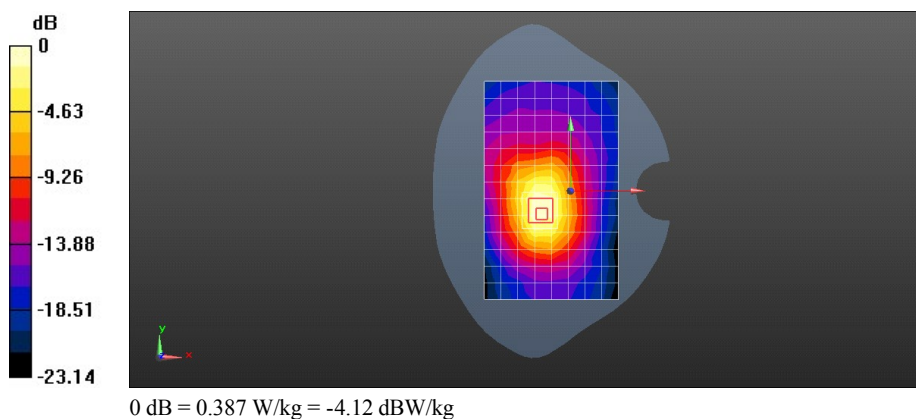
Reference Value = 12.47 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.224 W/kg

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

Maximum value of SAR (measured) = 0.487 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G760-L03 LTE Band VII 20M QPSK 1RB#0 21350CH Left hand touch cheek-Secondary antenna

DUT: G760-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.967$ S/m; $\epsilon_r = 38.141$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.43, 4.43, 4.43); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.559 W/kg

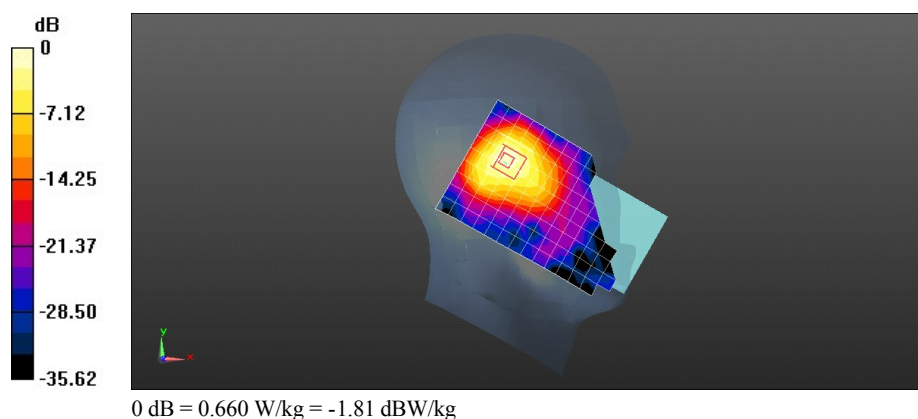
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.16 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.243 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band VII 20M QPSK 1RB#99 21100CH Front side 15mm with battery 2#-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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; $\sigma = 2.165$ S/m; $\epsilon_r = 50.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.215 W/kg

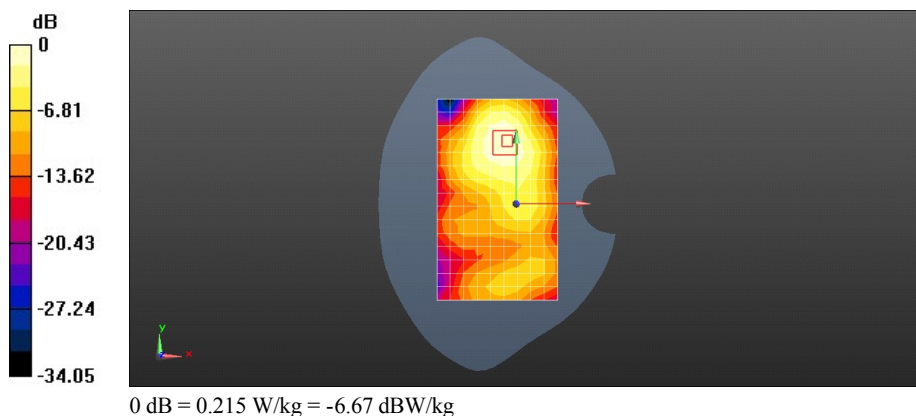
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.827 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.216 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 LTE Band VII 20M QPSK 1RB#99 21100CH Bottom side 10mm-Main antenna

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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; $\sigma = 2.165$ S/m; $\epsilon_r = 50.112$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.14, 4.14, 4.14); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.752 W/kg

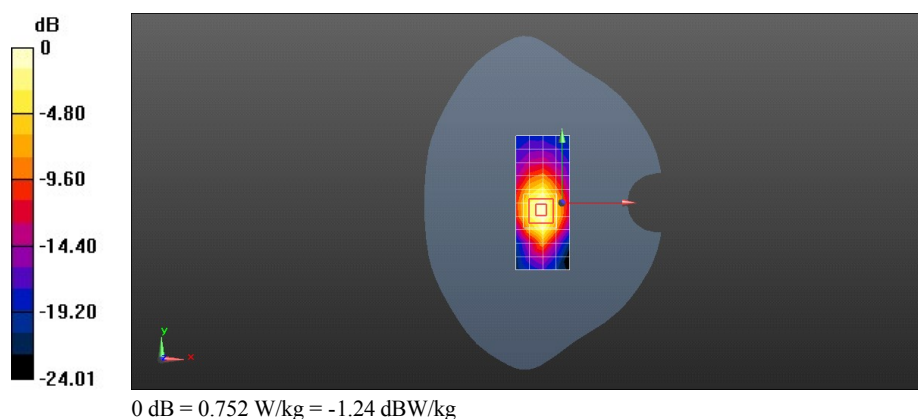
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.95 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.814 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 WIFI 802.11b 1CH Left hand touch cheek

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.744$ S/m; $\epsilon_r = 40.12$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2014-9-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.870 W/kg

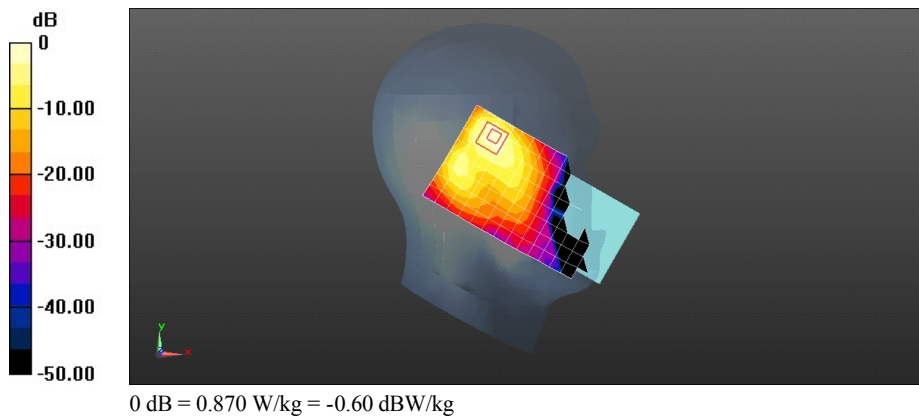
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.624 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 Wifi 802.11b 1CH Back Side 15mm

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 50.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.99, 6.99, 6.99); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0738 W/kg

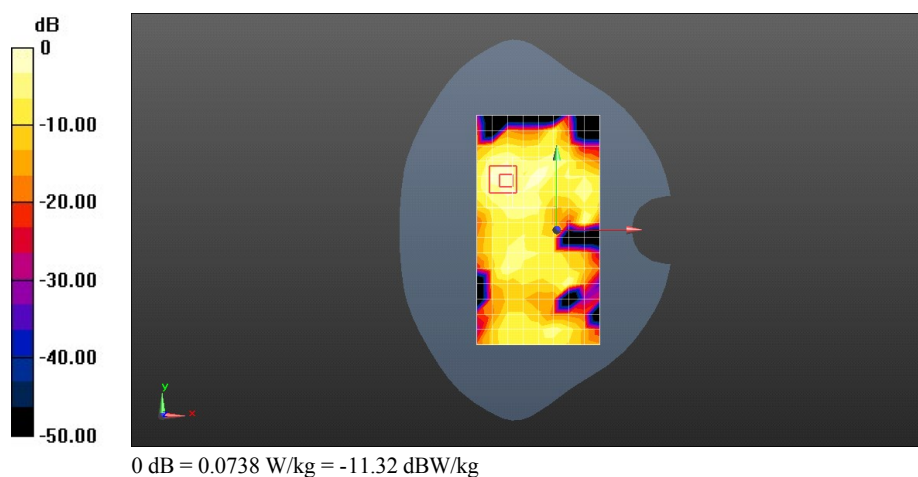
Configuration/Body/Zoom Scan (12x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.366 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0895 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

G7-L03 Wifi 802.11b 1CH Back Side 10mm

DUT: HUAWEI G7-L03, G7-L03; Type: Smart Phone, HUAWEI Ascend G7; Serial: SAR1

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

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 50.898$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.99, 6.99, 6.99); Calibrated: 2014-4-24;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2014-7-24
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.143 W/kg

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

Reference Value = 2.983 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.176 W/kg

