

**Appendix B. SAR Measurement Plots**

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Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM850 190CH Right Cheek with Battery2-Second Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.932$ S/m; $\epsilon_r = 42.255$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.746 W/kg

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

Reference Value = 22.24 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.799 W/kg

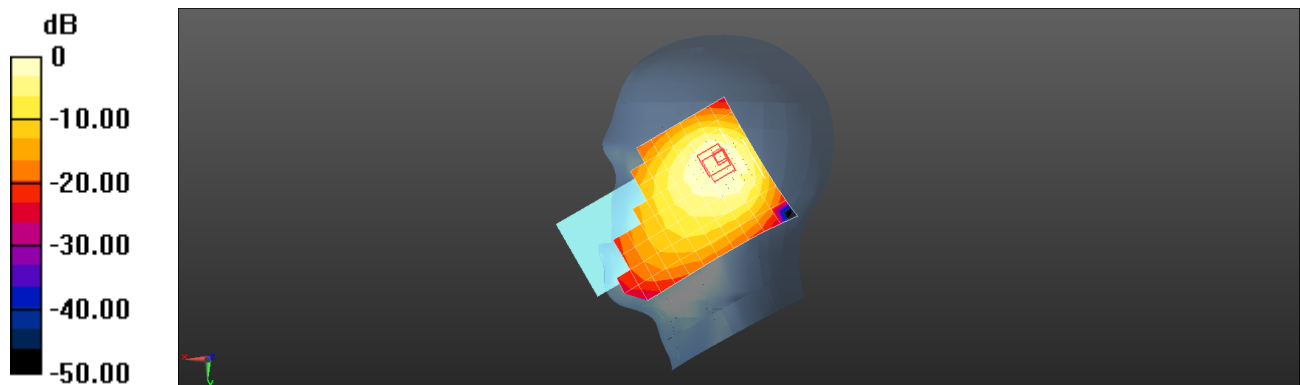
Configuration/Head/Zoom Scan (6x6x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.24 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.393 W/kg

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



0 dB = 0.746 W/kg = -1.27 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM850 190CH Right Cheek with Battery2-Main Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.932$ S/m; $\epsilon_r = 42.255$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.0700 W/kg

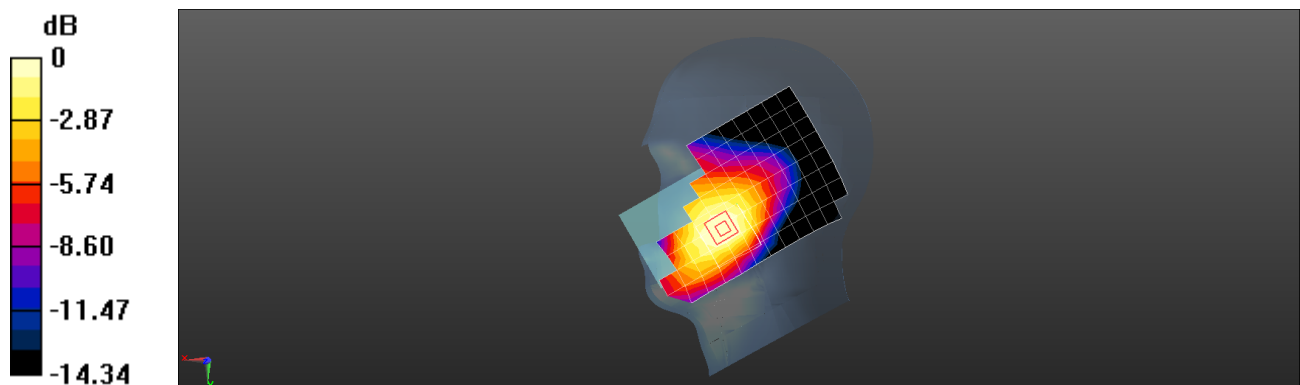
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.752 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.0663 W/kg; SAR(10 g) = 0.0515 W/kg

Maximum value of SAR (measured) = 0.0714 W/kg



0 dB = 0.0714 W/kg = -11.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM850 190CH Back Side 15mm-Second Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.943$ S/m; $\epsilon_r = 53.759$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.293 W/kg

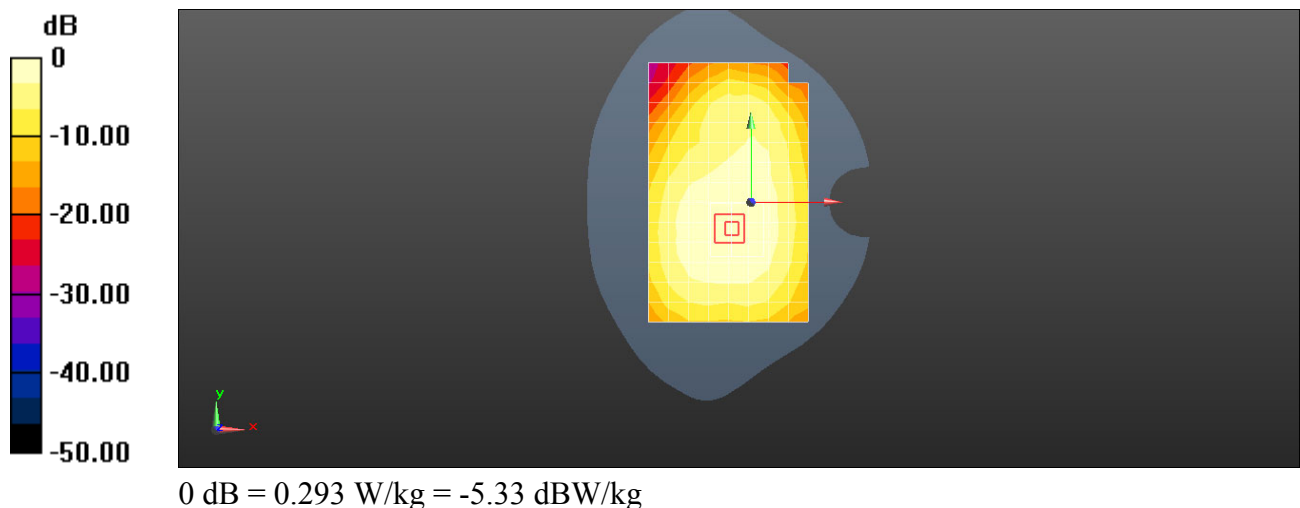
Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.52 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.200 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM850 190CH Back Side 15mm with Battery2-Main Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.943$ S/m; $\epsilon_r = 53.759$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.237 W/kg

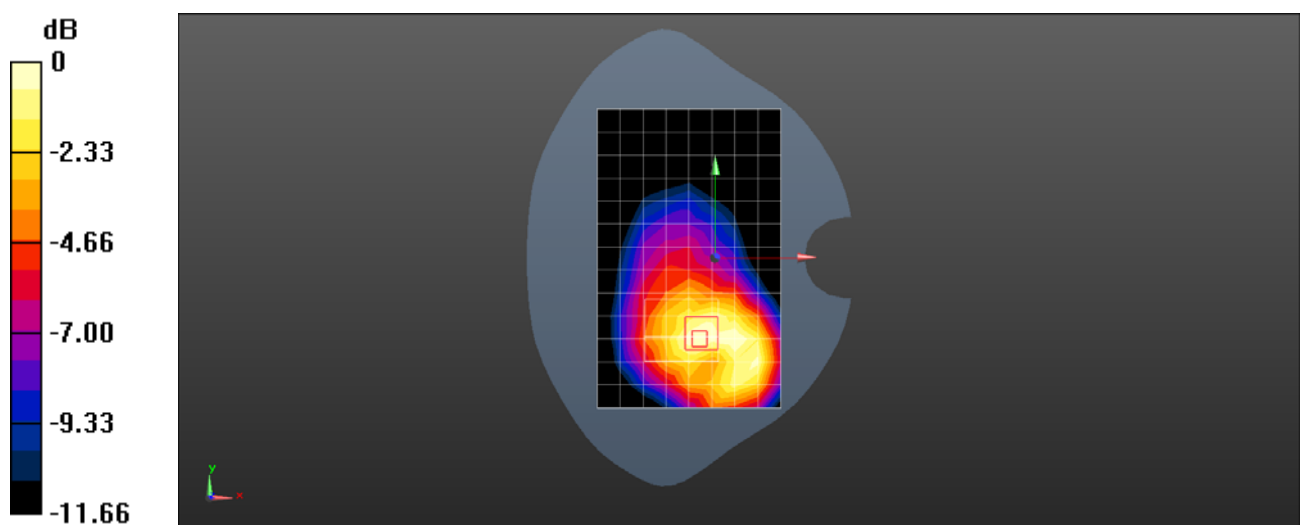
Configuration/Body/Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.779 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM850 GPRS 2TS 190CH Left Side 10mm with Battery2-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

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; $\sigma = 0.943$ S/m; $\epsilon_r = 53.759$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.438 W/kg

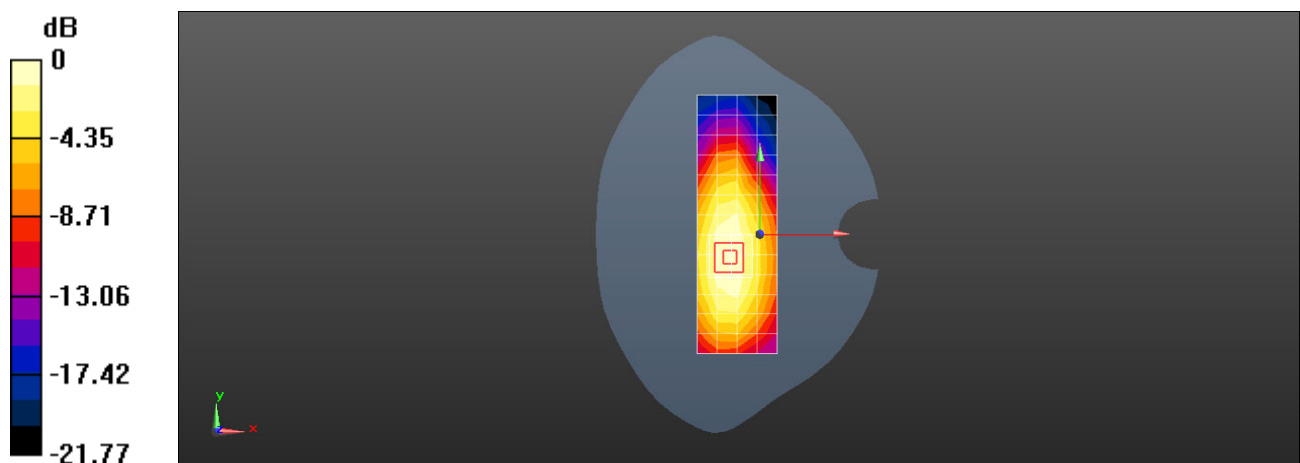
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.04 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.263 W/kg

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



0 dB = 0.438 W/kg = -3.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM850 GPRS 2TS 128CH Back Side 10mm with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 53.782$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.73, 9.73, 9.73) @ 824.2 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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) = 0.537 W/kg

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

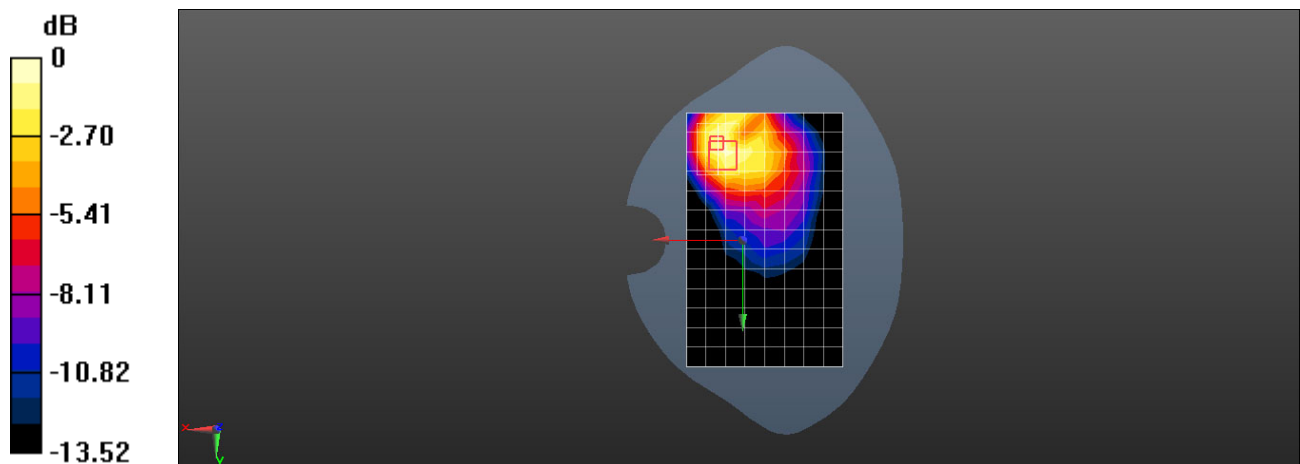
Reference Value = 8.506 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.258 W/kg

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

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



0 dB = 0.601 W/kg = -2.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM1900 810CH Right Cheek with Battery2-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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; $\sigma = 1.468$ S/m; $\epsilon_r = 39.052$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.87, 7.87, 7.87) @ 1909.8 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.376 W/kg

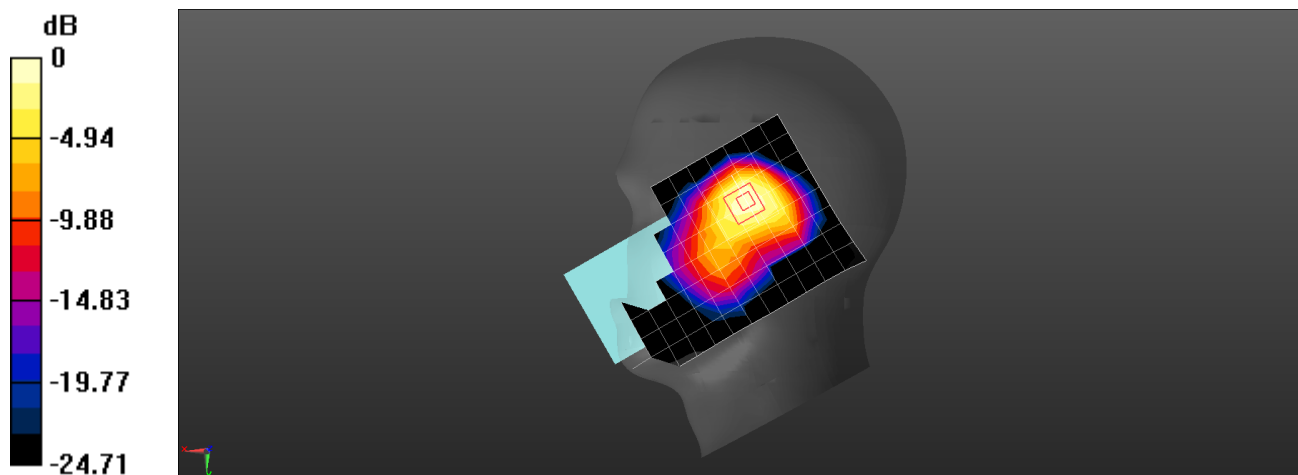
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.08 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.478 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM1900 810CH Left Cheek with Battery3-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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; $\sigma = 1.468$ S/m; $\epsilon_r = 39.052$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.87, 7.87, 7.87) @ 1909.8 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.140 W/kg

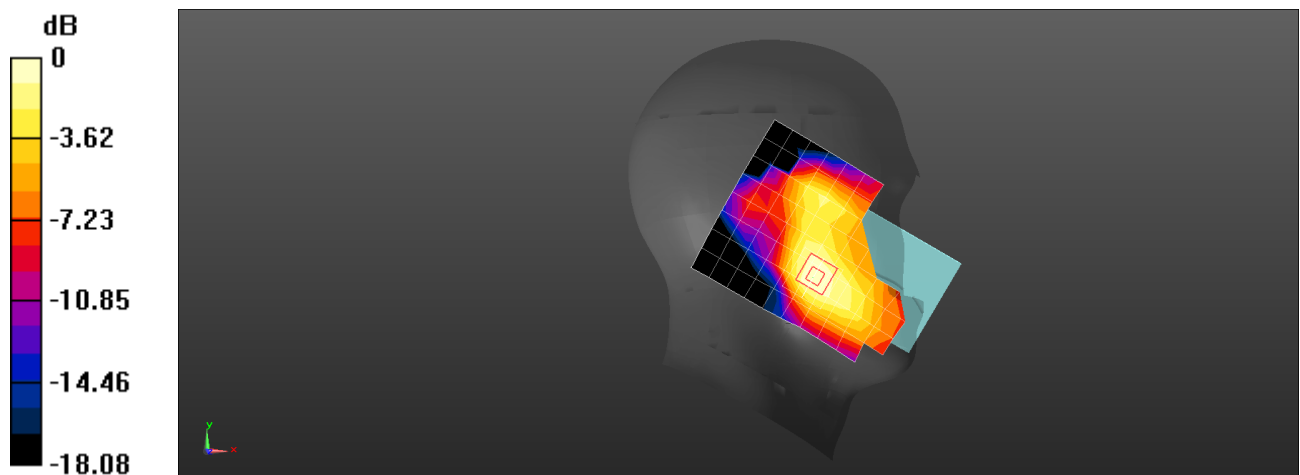
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.566 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.075 W/kg

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



0 dB = 0.159 W/kg = -7.99 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM1900 810CH Back Side 15mm with Battery2-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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; $\sigma = 1.547$ S/m; $\epsilon_r = 51.349$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.52, 7.52, 7.52) @ 1909.8 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0243 W/kg

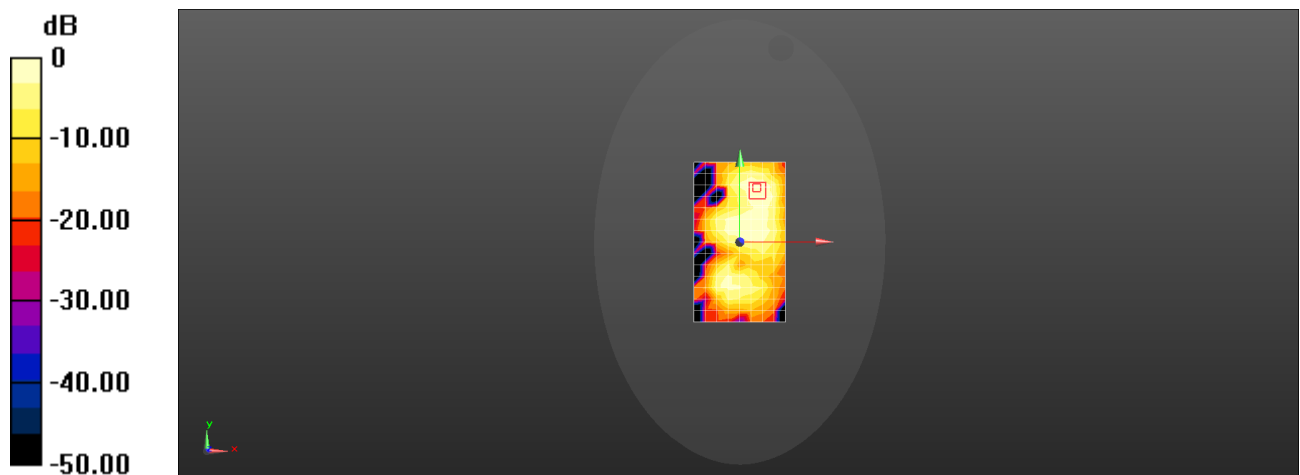
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.320 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0269 W/kg



0 dB = 0.0269 W/kg = -15.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM1900 810CH Front Side 15mm with SIM2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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; $\sigma = 1.547$ S/m; $\epsilon_r = 51.349$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.52, 7.52, 7.52) @ 1909.8 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.205 W/kg

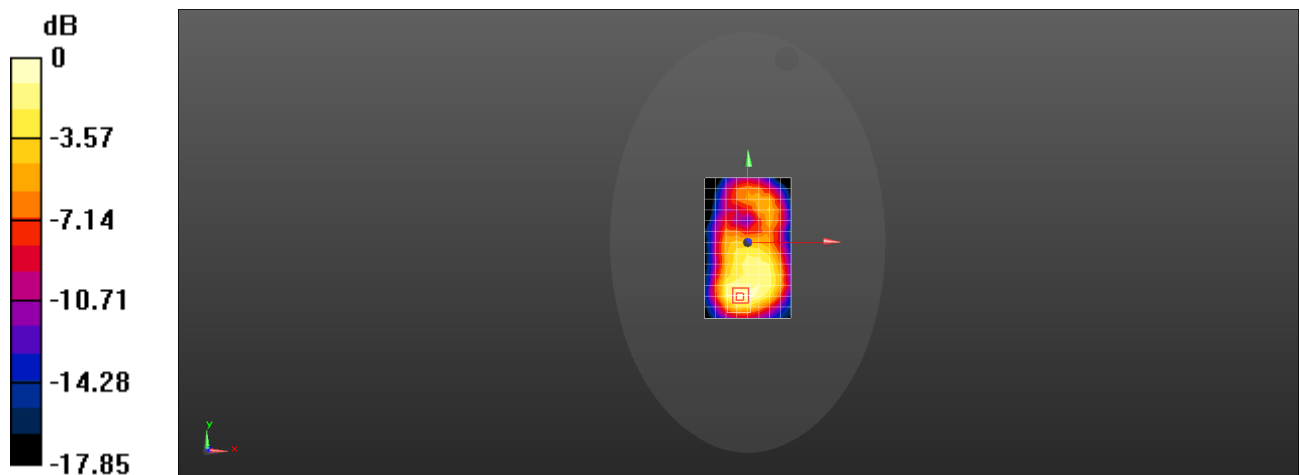
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.348 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM1900 GPRS 2TS 810CH Back Side 10mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 51.349$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.52, 7.52, 7.52) @ 1909.8 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0442 W/kg

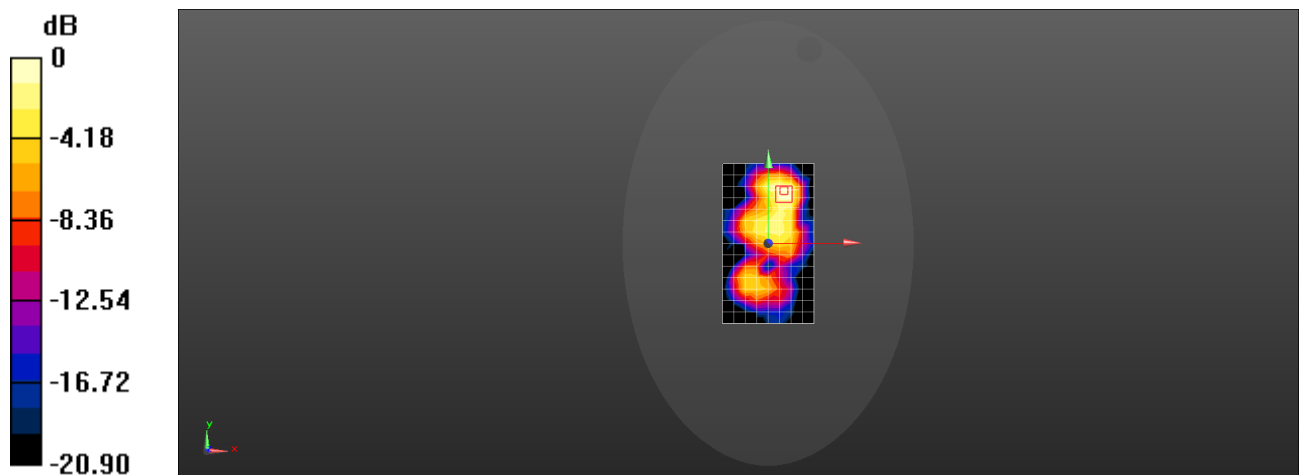
Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.659 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0480 W/kg



0 dB = 0.0480 W/kg = -13.19 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A GSM1900 GPRS 2TS 661CH Bottom Side 10mm with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 51.424$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.52, 7.52, 7.52) @ 1880 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.454 W/kg

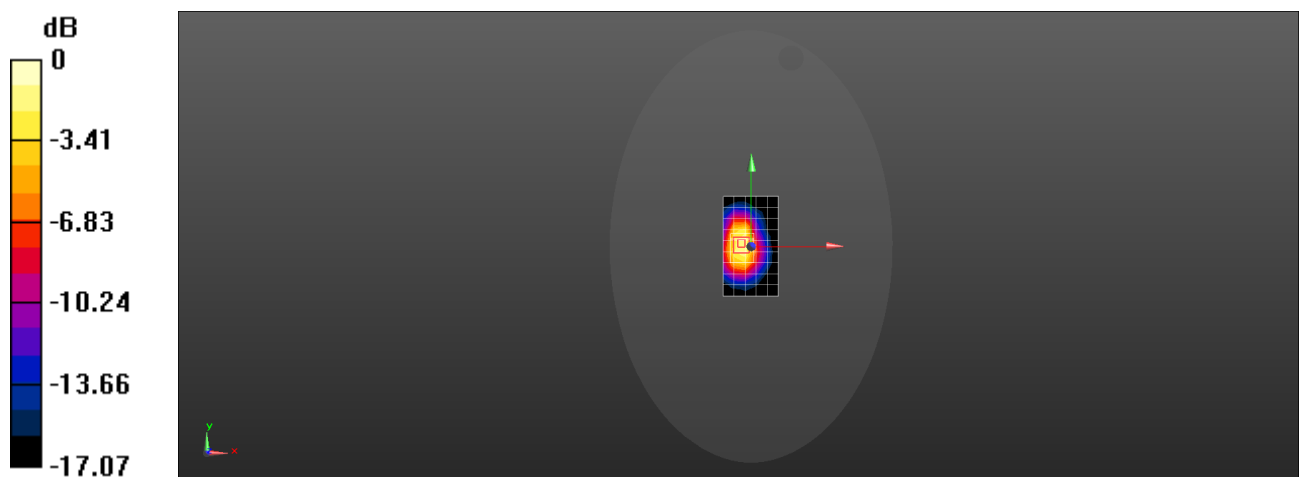
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.654 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg = -2.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band II 9538CH Right Cheek With Battery3-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.467$ S/m; $\epsilon_r = 39.05$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.87, 7.87, 7.87) @ 1907.6 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.961 W/kg

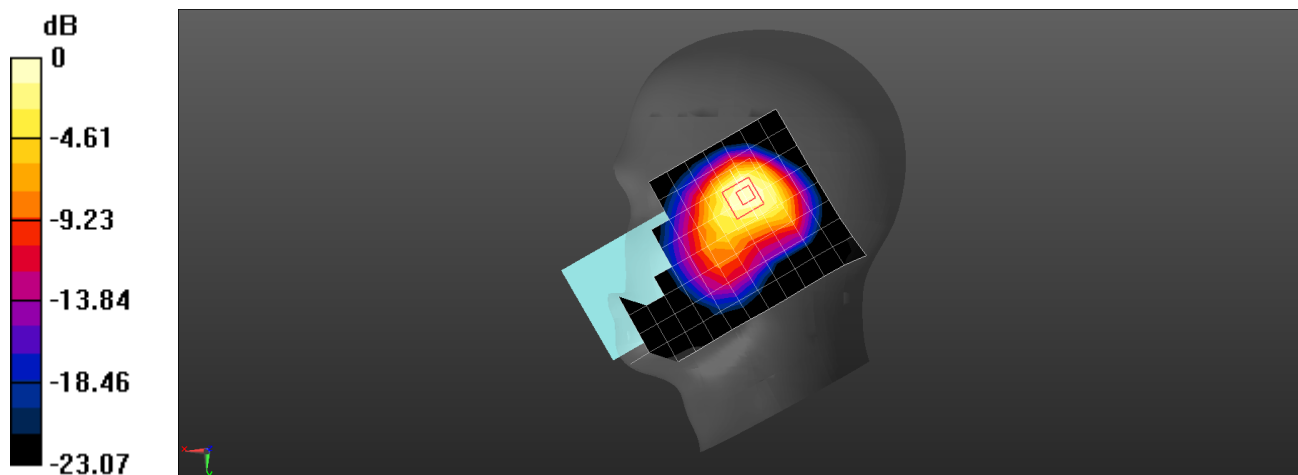
Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.37 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (measured) = 0.956 W/kg



0 dB = 0.956 W/kg = -0.20 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band II 9400CH Left Cheek with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.451 \text{ S/m}$; $\epsilon_r = 39.122$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.87, 7.87, 7.87) @ 1880 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.238 W/kg

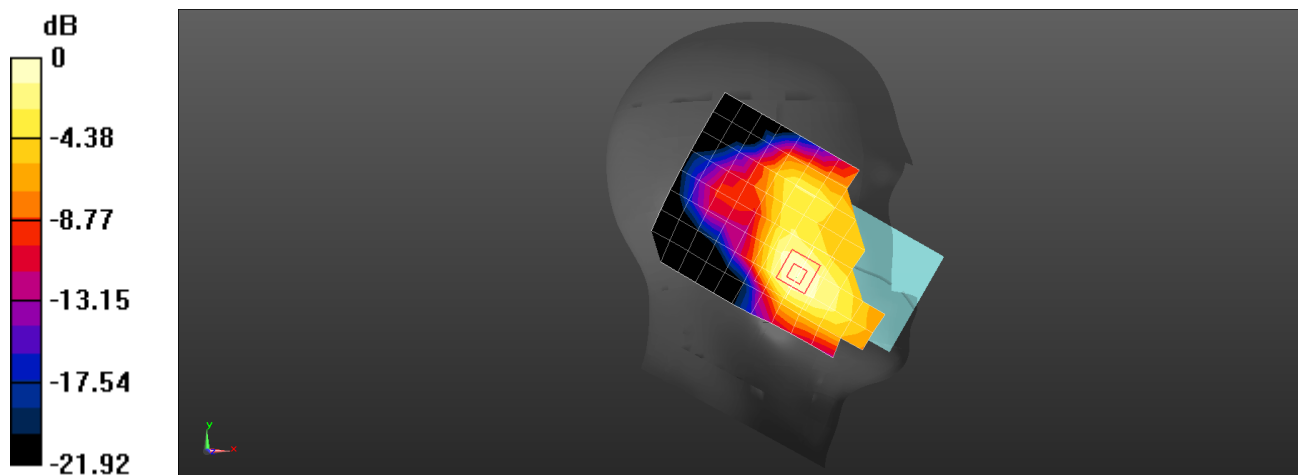
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.146 V/m ; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.197 W/kg ; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.272 W/kg



0 dB = 0.272 W/kg = -5.65 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band II 9400CH Back Side 15mm with SIM2-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.563$ S/m; $\epsilon_r = 55.407$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1880 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.157 W/kg

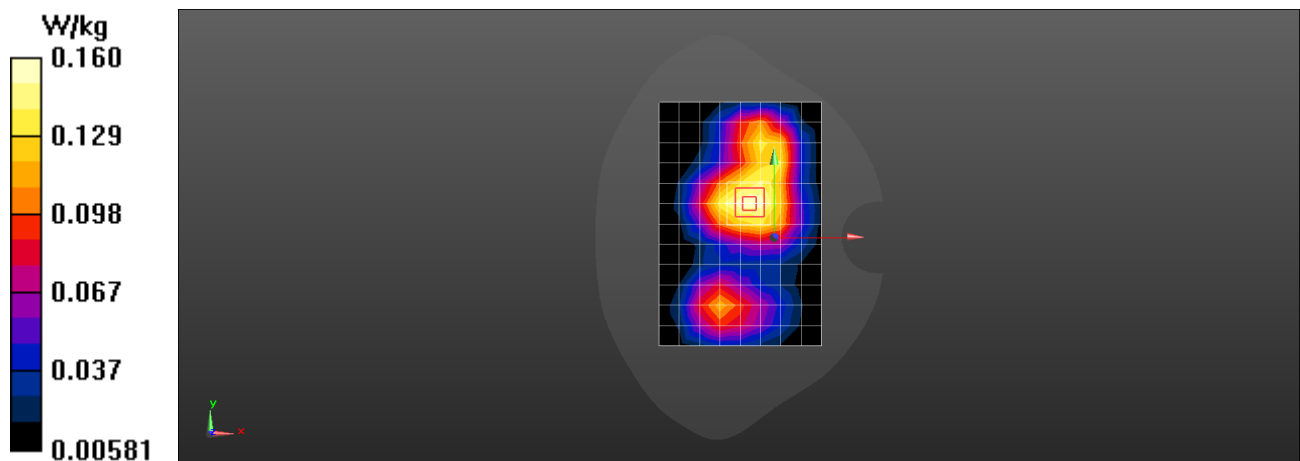
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.426 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.075 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band II 9538CH Back Side 15mm with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.586 \text{ S/m}$; $\epsilon_r = 55.339$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1907.6 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.348 W/kg

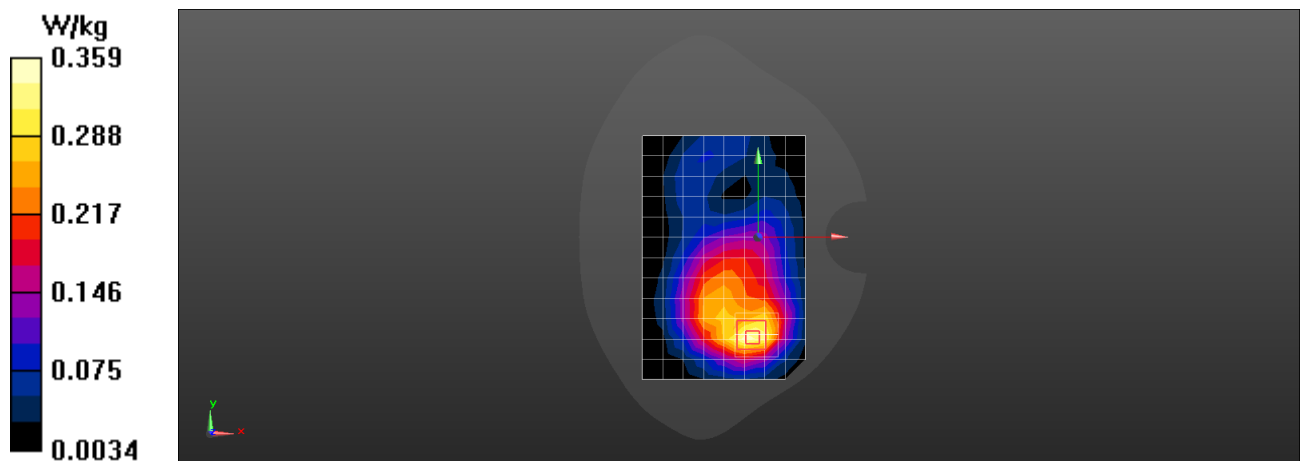
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.117 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.255 W/kg ; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.359 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band II 9538CH Back Side 10mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.586 \text{ S/m}$; $\epsilon_r = 55.339$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1907.6 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.328 W/kg

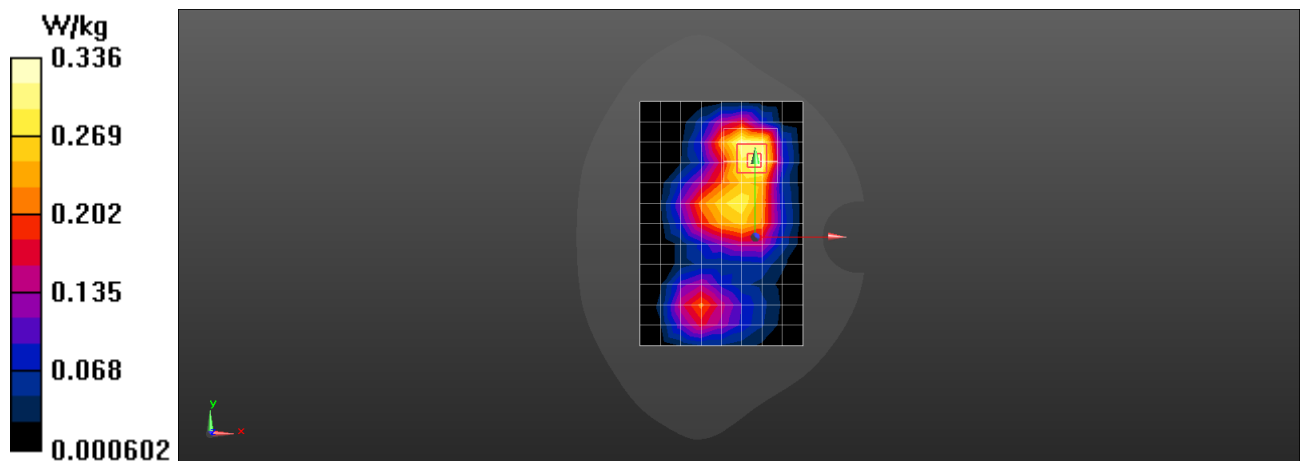
Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.36 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.237 W/kg ; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.336 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band II 9538CH Bottom Side 10mm with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.586 \text{ S/m}$; $\epsilon_r = 55.339$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1907.6 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.14 W/kg

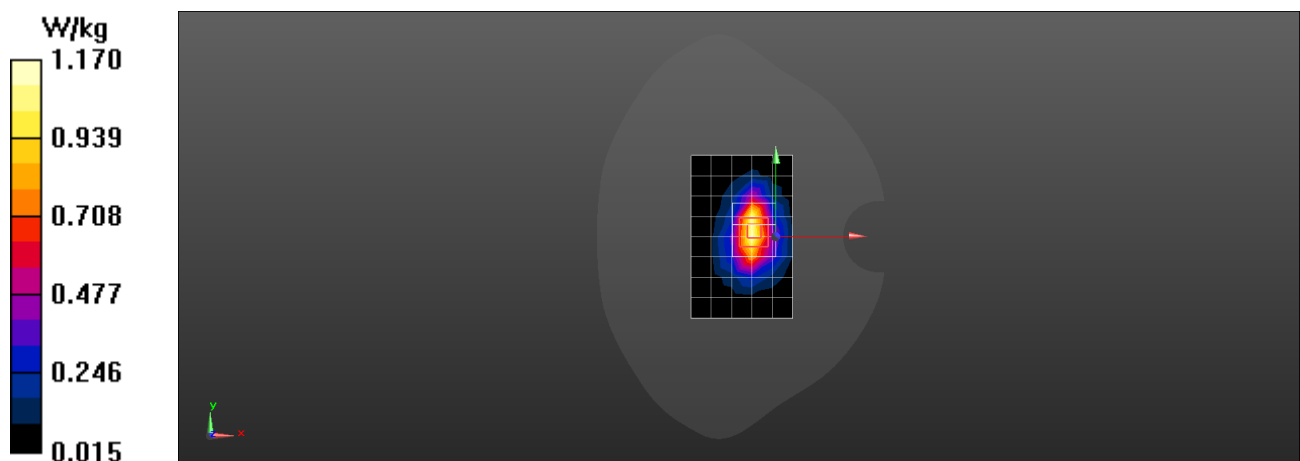
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.47 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.786 W/kg ; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band IV 1413CH Right Cheek with Battery3-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 39.334$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(8.36, 8.36, 8.36) @ 1732.6 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.816 W/kg

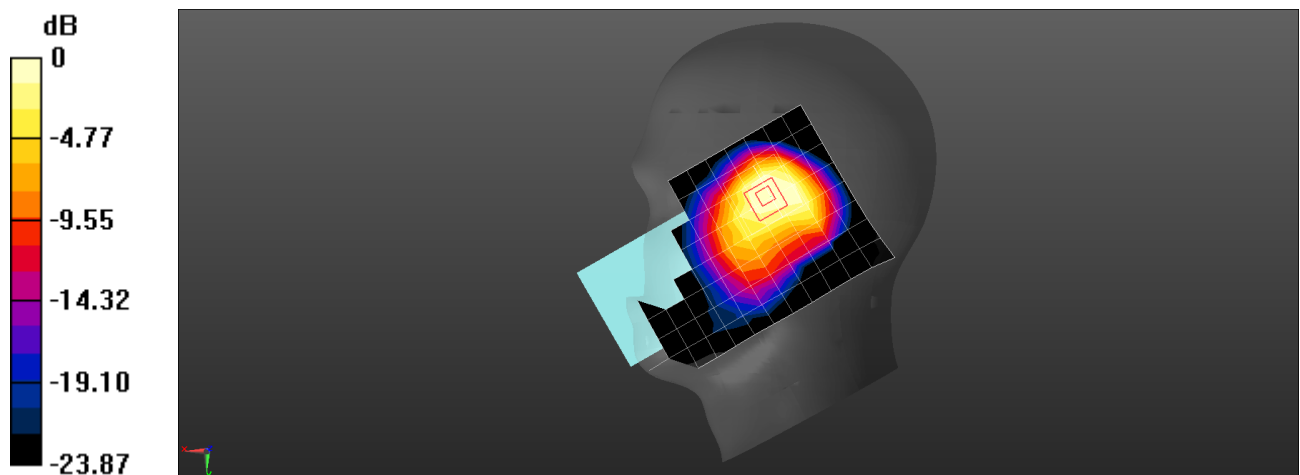
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.60 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.999 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 0.810 W/kg



0 dB = 0.810 W/kg = -0.92 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band IV 1513CH Left Cheek-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

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

Medium parameters used: $f = 1753$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.31$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(8.36, 8.36, 8.36) @ 1752.6 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.235 W/kg

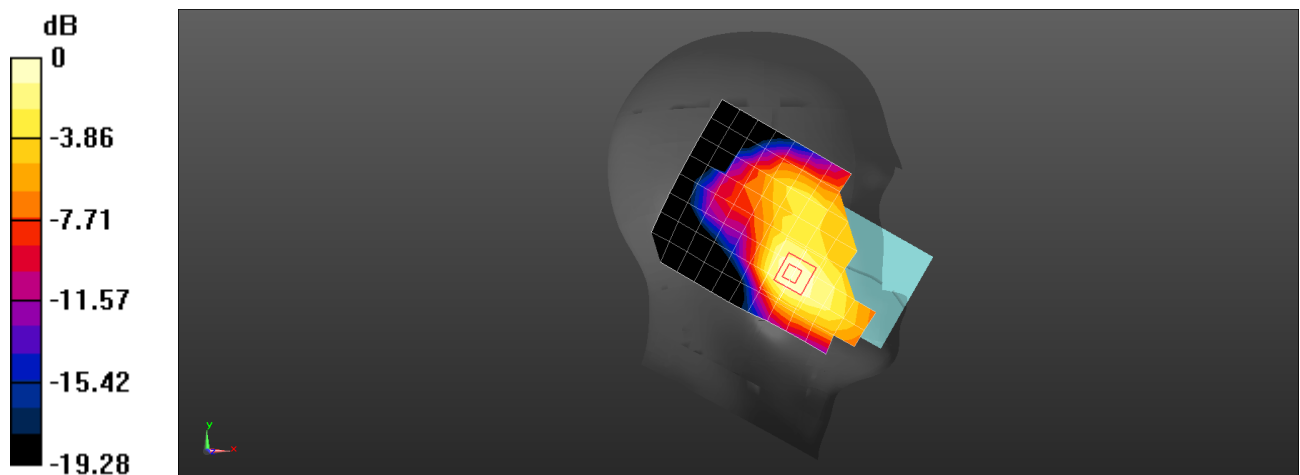
Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.382 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.120 W/kg

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



0 dB = 0.255 W/kg = -5.93 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band IV 1413CH Front Side 15mm with Battery2-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.451$ S/m; $\epsilon_r = 55.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.74, 7.74, 7.74) @ 1732.6 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

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

Reference Value = 6.498 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.198 W/kg

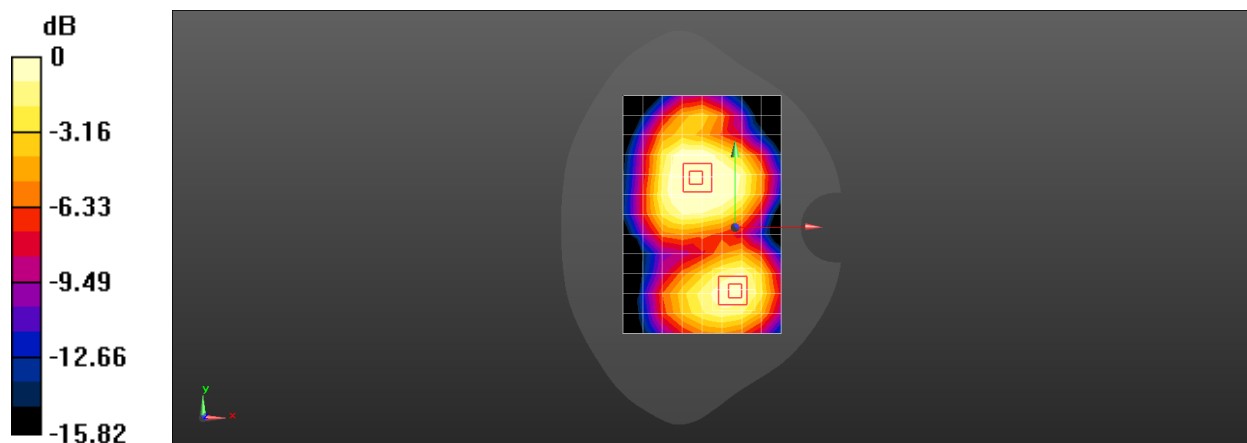
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.498 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band IV 1413CH Front Side 15mm-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.451$ S/m; $\epsilon_r = 55.534$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.74, 7.74, 7.74) @ 1732.6 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.321 W/kg

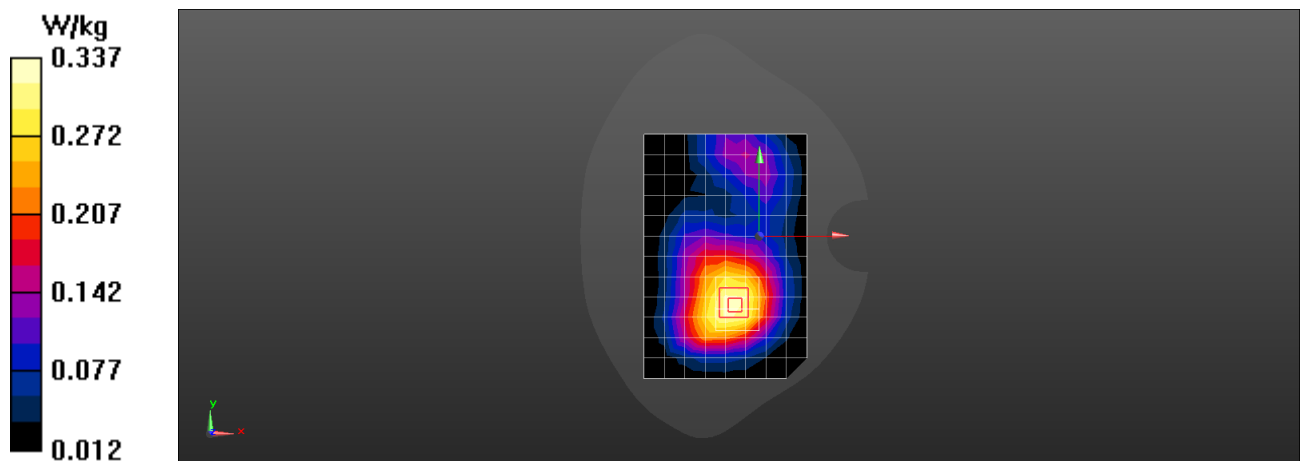
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.824 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.337 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band IV 1312CH Back Side 10mm with Battery3-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 55.56$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.74, 7.74, 7.74) @ 1712.4 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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) = 0.337 W/kg

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

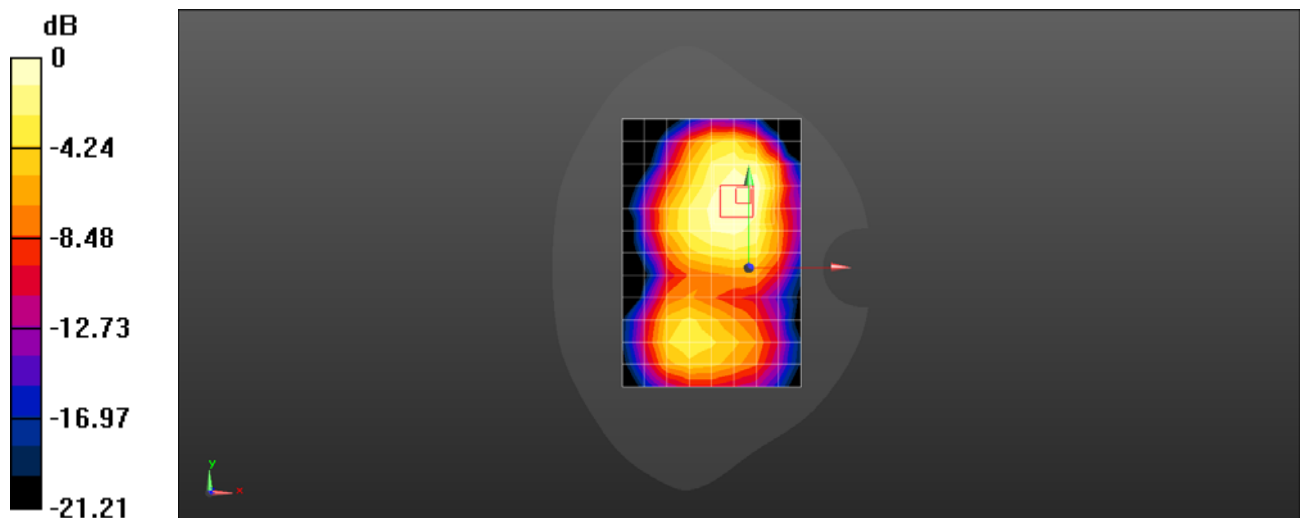
Reference Value = 8.041 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.177 W/kg

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

Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band IV 1312CH Bottom Side 10mm-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 55.56$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.74, 7.74, 7.74) @ 1712.4 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (6x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

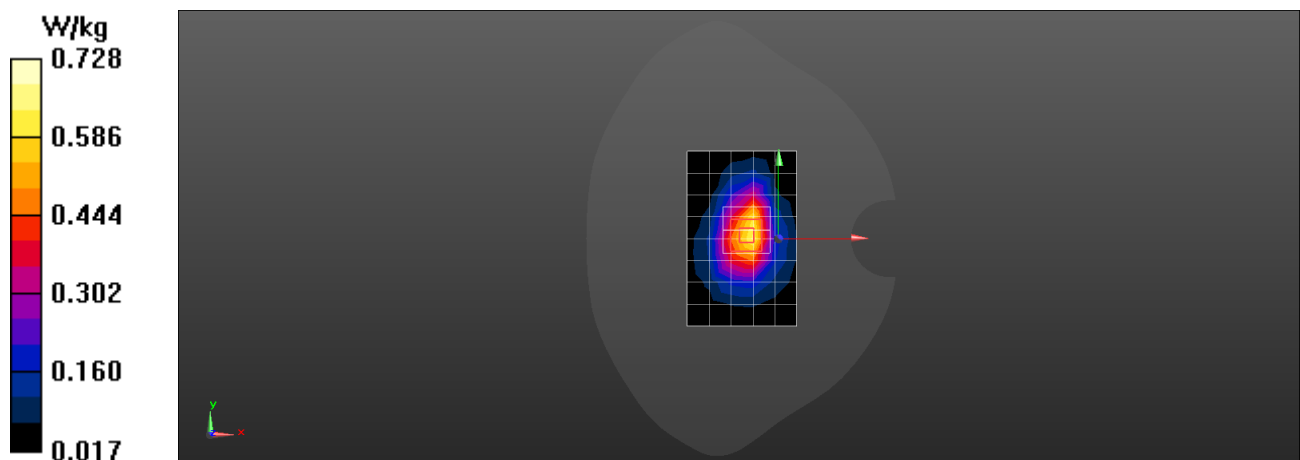
Reference Value = 22.83 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.285 W/kg

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

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



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band V 4182CH Right Cheek with SIM2-Second Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.932$ S/m; $\epsilon_r = 42.257$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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) = 0.765 W/kg

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

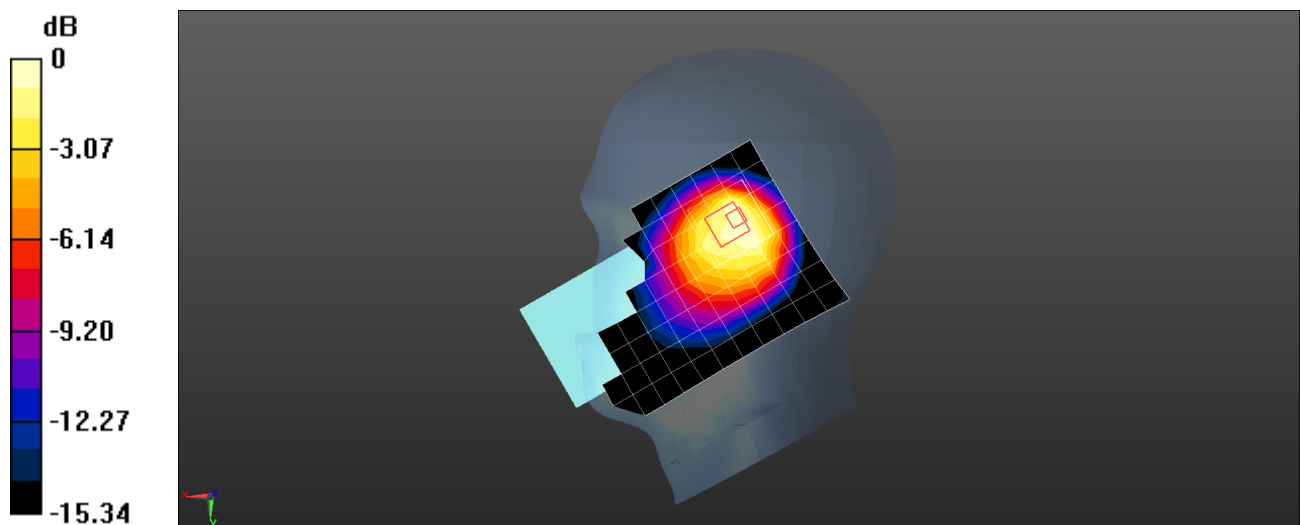
Reference Value = 26.46 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.382 W/kg

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

Maximum value of SAR (measured) = 0.743 W/kg



0 dB = 0.743 W/kg = -1.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band V 4182CH Right Cheek with Battery2-Main Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.932$ S/m; $\epsilon_r = 42.257$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.35, 6.35, 6.35) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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) = 0.0660 W/kg

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

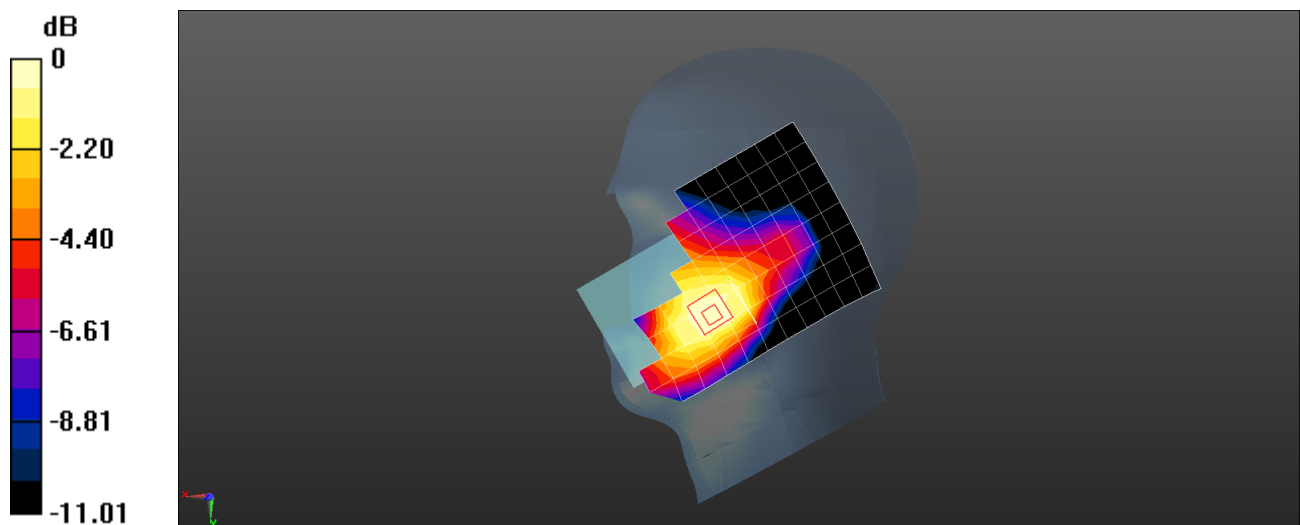
Reference Value = 3.654 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.050 W/kg

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

Maximum value of SAR (measured) = 0.0698 W/kg



0 dB = 0.0698 W/kg = -11.56 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band V 4233CH Back Side 15mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

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

Medium parameters used: $f = 847 \text{ MHz}$; $\sigma = 0.943 \text{ S/m}$; $\epsilon_r = 53.03$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 846.6 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

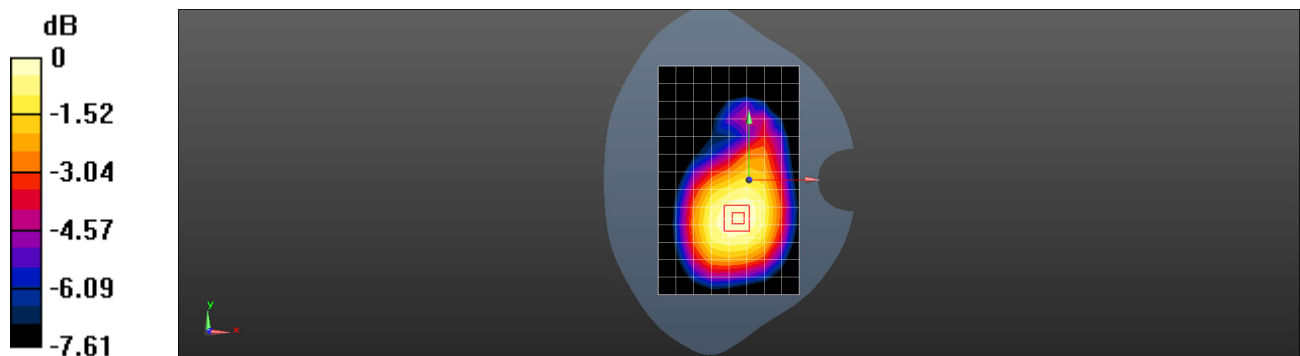
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.51 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.259 W/kg ; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.282 W/kg



0 dB = $0.282 \text{ W/kg} = -5.50 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band V 4182CH Back Side 15mm with Battery2-Main Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.939$ S/m; $\epsilon_r = 53.061$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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) = 0.346 W/kg

Configuration/Body/Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

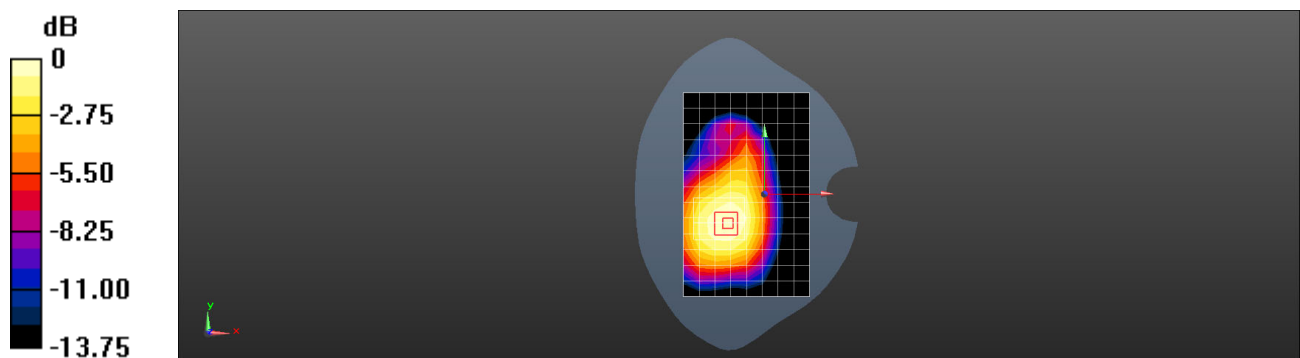
Reference Value = 10.31 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.205 W/kg

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

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



0 dB = 0.363 W/kg = -4.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band V 4182CH Left Side 10mm Battery3-Second Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.939$ S/m; $\epsilon_r = 53.061$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x14x1): 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/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

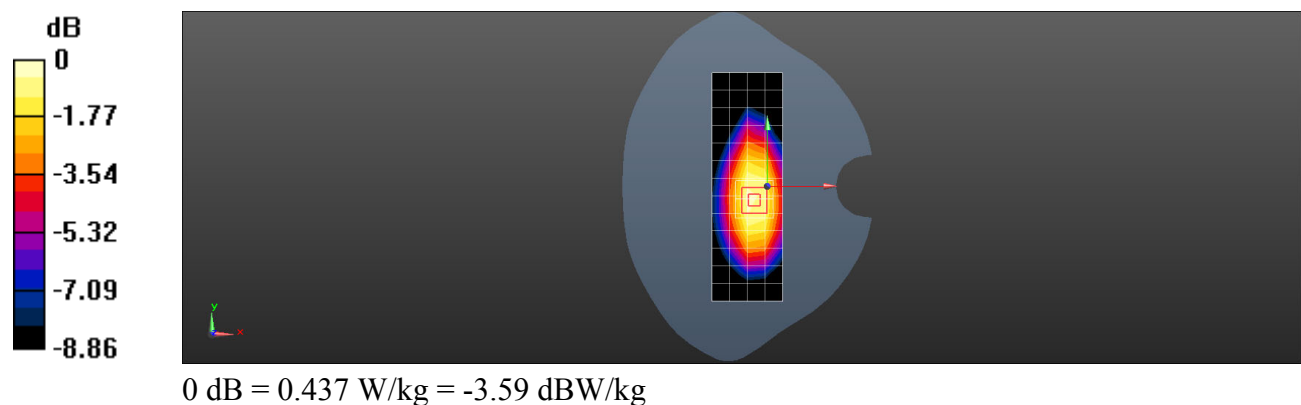
Reference Value = 20.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.266 W/kg

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

Maximum value of SAR (measured) = 0.437 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A UMTS Band V 4182CH Back Side 10mm-Main Antenna

DUT: MAR-LX3A; 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; $\sigma = 0.939$ S/m; $\epsilon_r = 53.061$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.15, 6.15, 6.15) @ 836.4 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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) = 0.692 W/kg

Configuration/Body/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

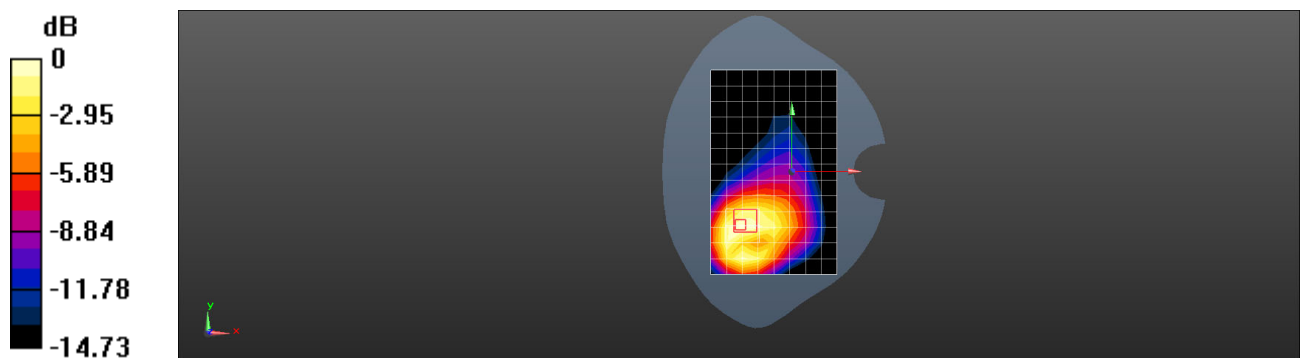
Reference Value = 8.552 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.336 W/kg

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

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



0 dB = 0.697 W/kg = -1.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 2 20M QPSK 50%RB 0 Offset 19100CH Right Cheek with Battery2-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR6

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; $\sigma = 1.458$ S/m; $\epsilon_r = 38.714$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.85, 7.85, 7.85) @ 1900 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.856 W/kg

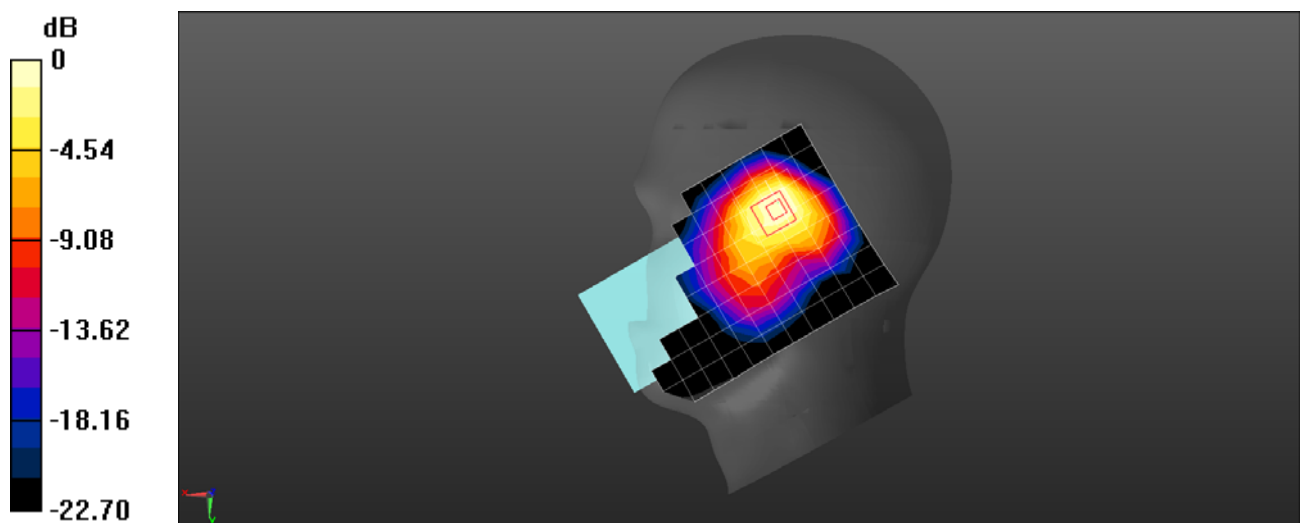
Configuration/Head/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.14 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.979 W/kg



0 dB = 0.979 W/kg = -0.09 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 2 20M QPSK 1RB 0 Offset 19100CH Left Cheek with Battery3-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR6

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; $\sigma = 1.458$ S/m; $\epsilon_r = 38.714$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.85, 7.85, 7.85) @ 1900 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.302 W/kg

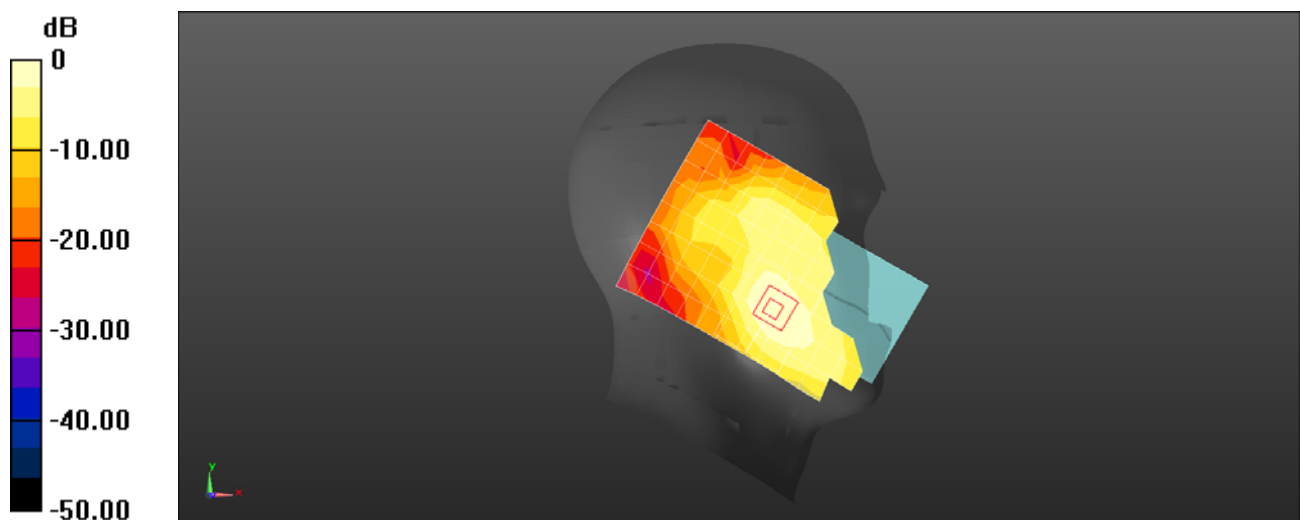
Configuration/Head/Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.76 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 2 20M QPSK 1RB 99 Offset 18700CH Back Side 15mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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; $\sigma = 1.547$ S/m; $\epsilon_r = 55.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1860 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.164 W/kg

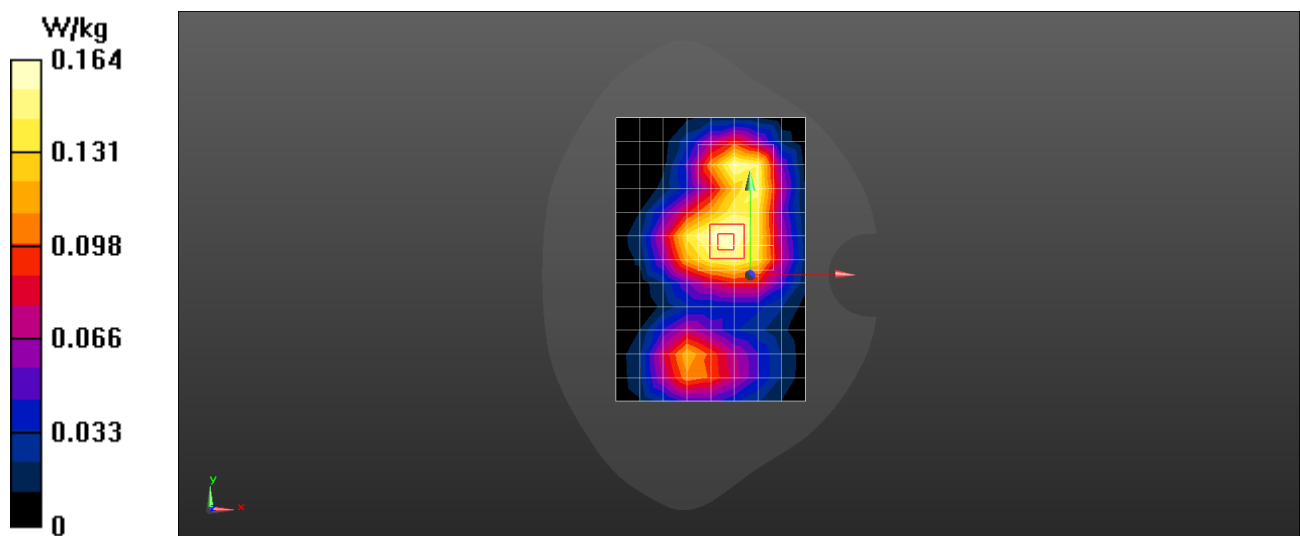
Configuration/Body/Zoom Scan (7x11x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.255 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 2 20M QPSK 1RB 0 Offset 19100CH Back Side 15mm with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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; $\sigma = 1.58$ S/m; $\epsilon_r = 55.355$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1900 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.268 W/kg

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

Reference Value = 9.103 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.295 W/kg

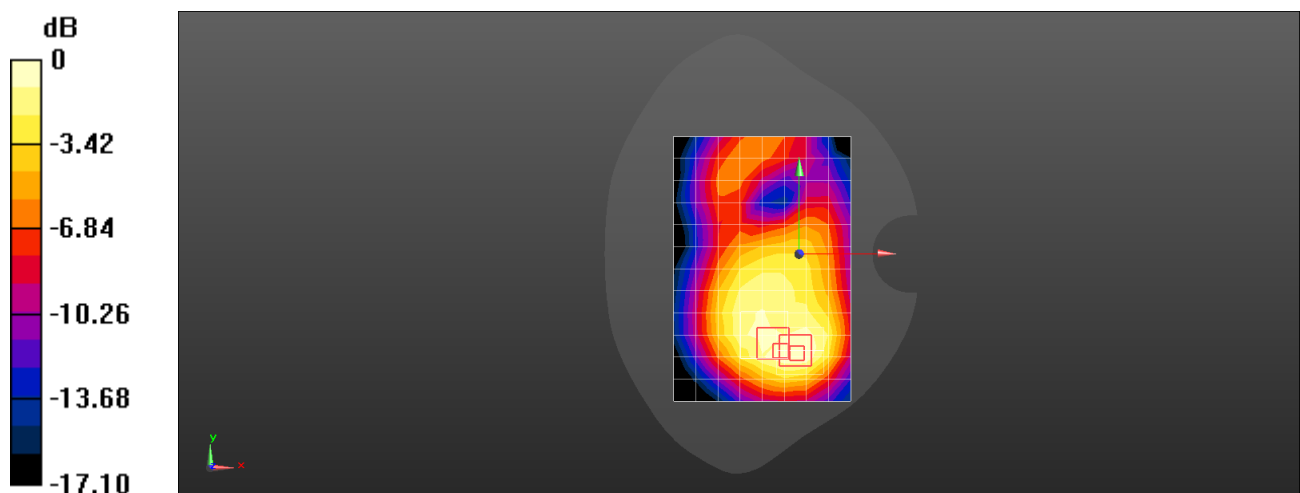
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.103 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.110 W/kg

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



0 dB = 0.275 W/kg = -5.61 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 2 20M QPSK 1RB 99 Offset 18700CH Top Side 10mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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; $\sigma = 1.547$ S/m; $\epsilon_r = 55.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1860 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.377 W/kg

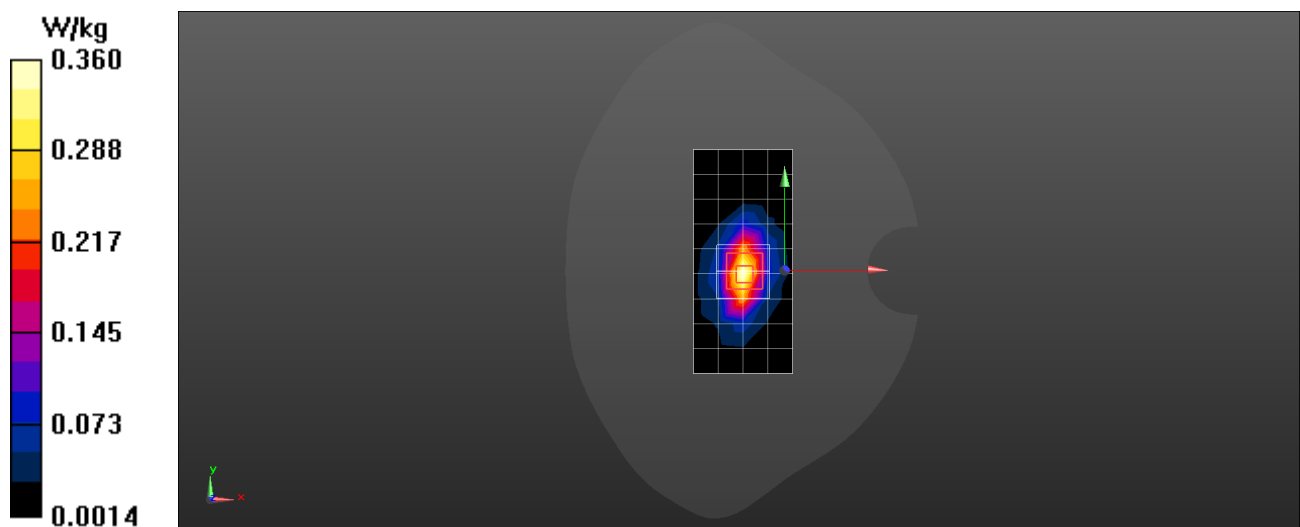
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.65 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 2 20M QPSK 1RB 0 Offset 19100CH Bottom Side 10mm with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

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; $\sigma = 1.58$ S/m; $\epsilon_r = 55.355$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.6, 7.6, 7.6) @ 1900 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.863 W/kg

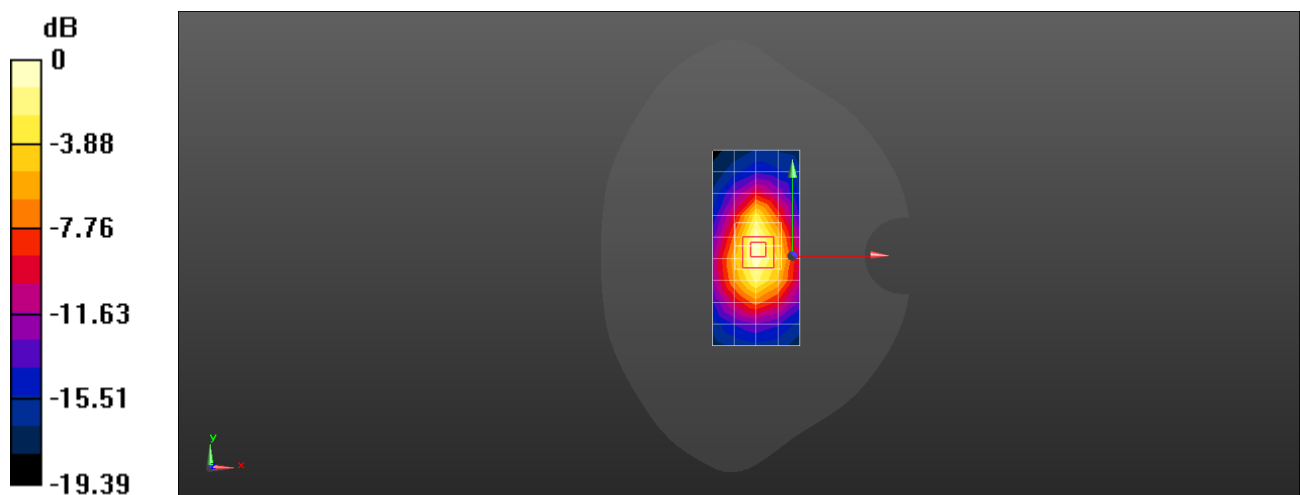
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.91 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.338 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

MAR-LX3A LTE Band 4 20M QPSK 1RB 99 Offset 20300CH Right Cheek-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 41.631$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.43, 5.43, 5.43) @ 1745 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

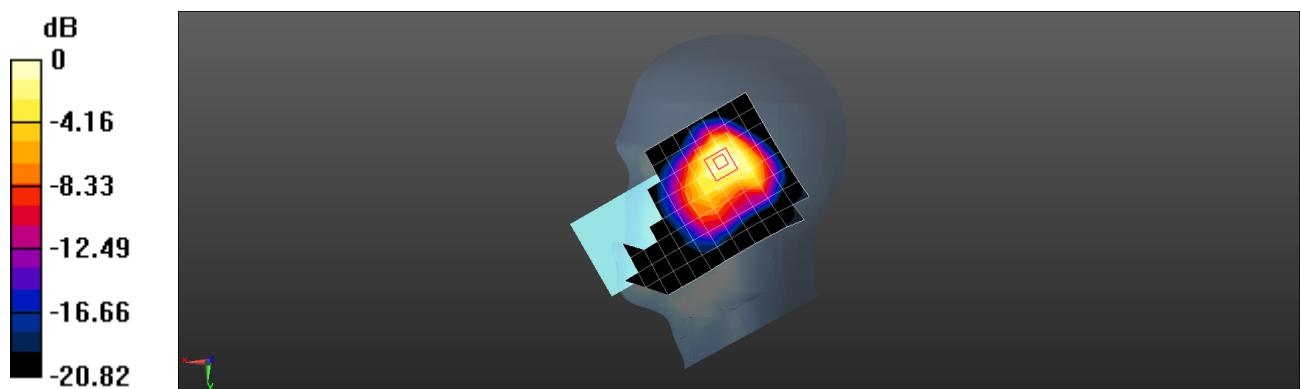
Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.67 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.871 W/kg = -0.60 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 4 20M QPSK 1RB 99 Offset 20300CH Front Side 15mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 55.523$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.74, 7.74, 7.74) @ 1745 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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) = 0.184 W/kg

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

Reference Value = 7.277 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.096 W/kg

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

Maximum value of SAR (measured) = 0.189 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

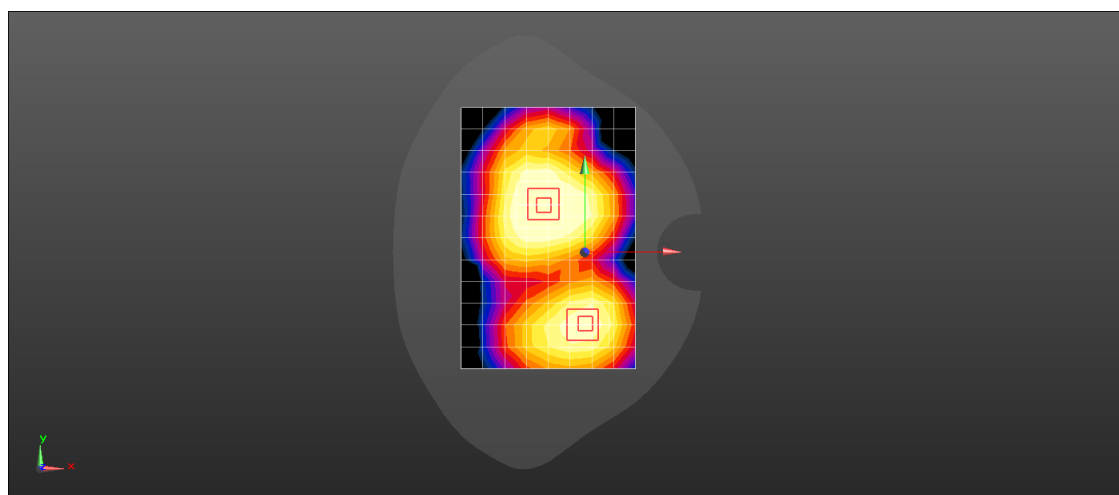
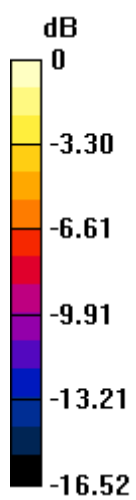
Reference Value = 7.277 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.065 W/kg

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

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -8.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 4 20M QPSK 1RB 99 Offset 20300CH Top Side 10mm with Battery3-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR3

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 55.523$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.74, 7.74, 7.74) @ 1745 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- Phantom: SAM5; Type: SAM; Serial: 1892
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

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

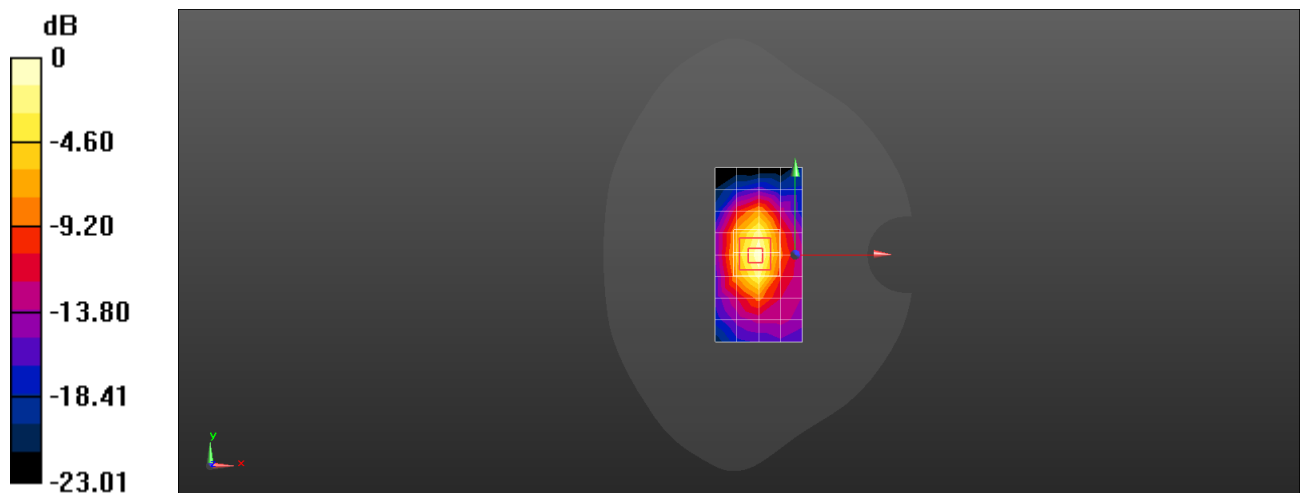
Reference Value = 17.17 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.125 W/kg

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

Maximum value of SAR (measured) = 0.413 W/kg



0 dB = 0.413 W/kg = -3.84 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 5 10M QPSK 1RB 49 Offset 20450CH Right Cheek-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR6

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 40.336$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.86, 8.86, 8.86) @ 829 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.30 W/kg

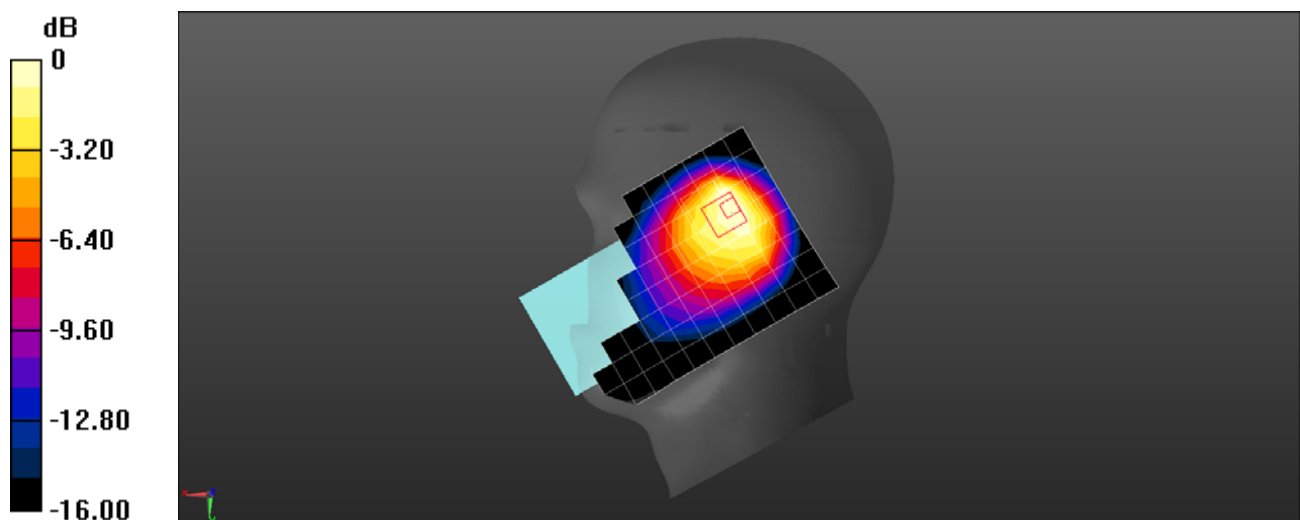
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.49 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.750 W/kg ; SAR(10 g) = 0.450 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = $1.07 \text{ W/kg} = 0.28 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 5 10M QPSK 1RB 0 Offset 20450CH Right Cheek-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR6

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 40.336$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.86, 8.86, 8.86) @ 829 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0687 W/kg

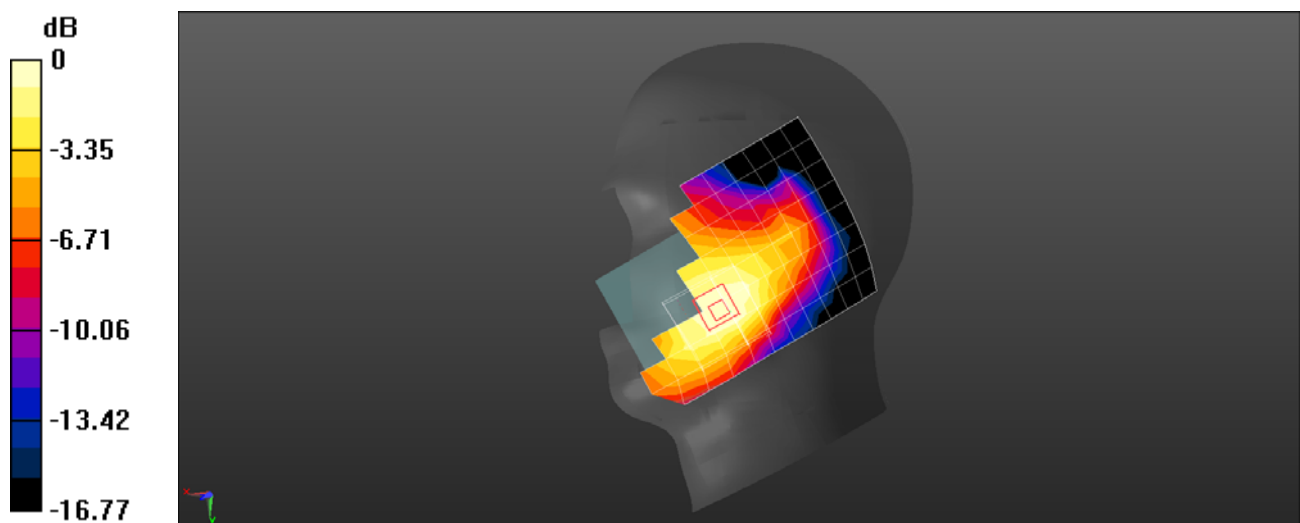
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.700 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.062 W/kg ; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0727 W/kg



0 dB = 0.0727 W/kg = -11.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 5 10M QPSK 1RB 49 Offset 20525CH Back Side 15mm with Battery3-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 56.258$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.46, 10.46, 10.46) @ 836.5 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (14x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.281 W/kg

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

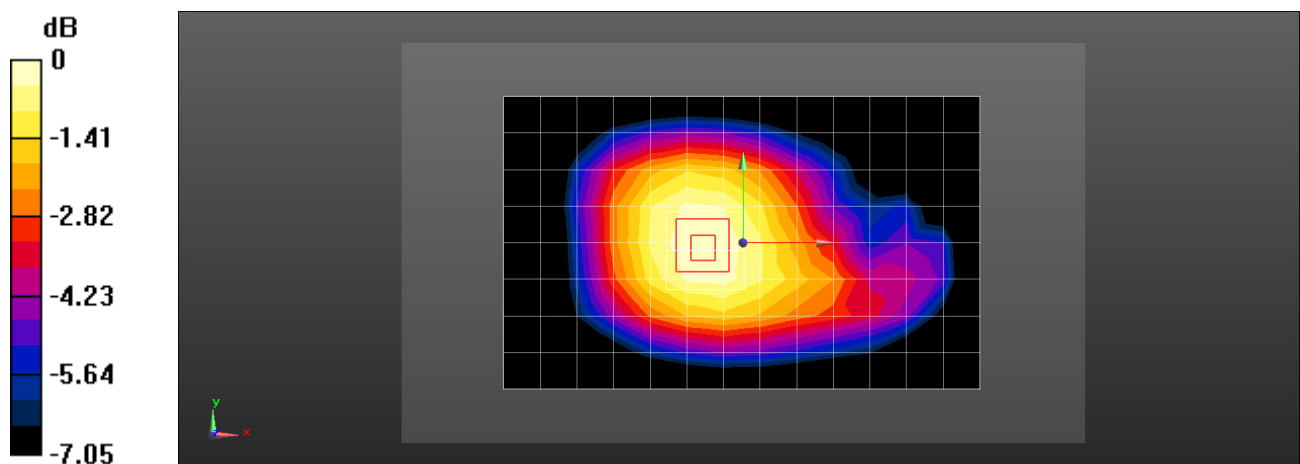
Reference Value = 17.36 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.189 W/kg

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

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 5 10M QPSK 1RB 0 Offset 20450CH Back Side 15mm-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 56.273$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.46, 10.46, 10.46) @ 829 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (14x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.360 W/kg

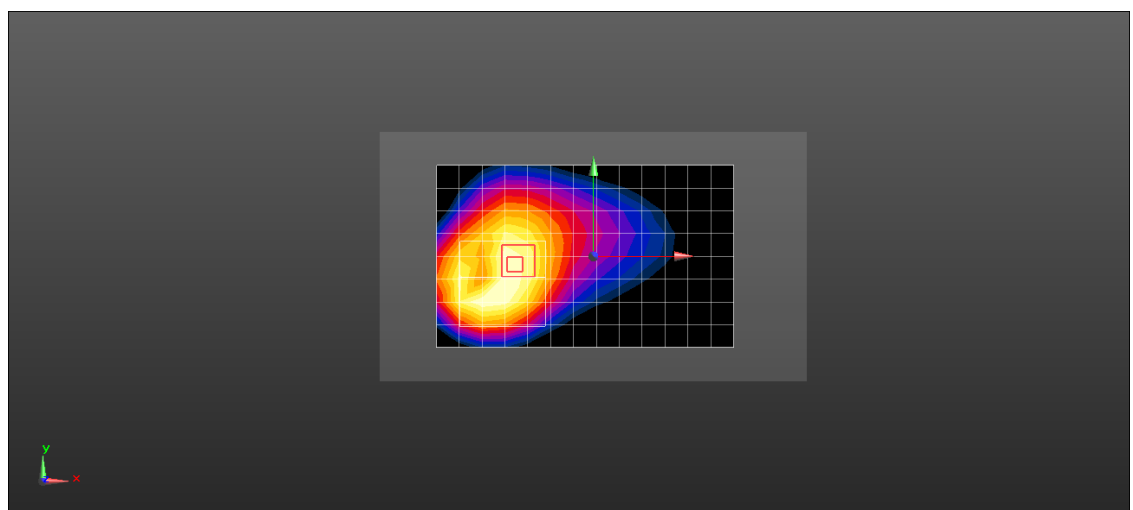
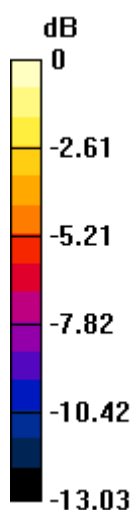
Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.300 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.275 W/kg ; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



0 dB = 0.358 W/kg = -4.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 5 10M QPSK 1RB 49 Offset 20525CH Back Side 10mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 56.258$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.46, 10.46, 10.46) @ 836.5 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (14x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.319 W/kg

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

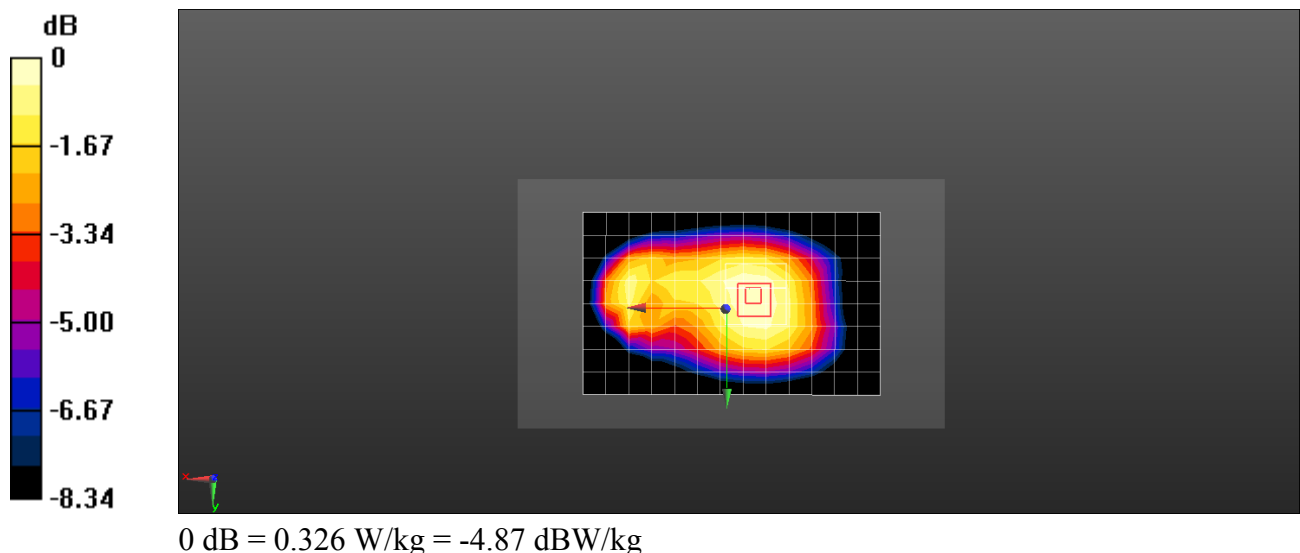
Reference Value = 18.20 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.215 W/kg

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

Maximum value of SAR (measured) = 0.326 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 5 10M QPSK 1RB 25 Offset 20525CH Back Side 10mm with Battery3-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 56.258$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(10.46, 10.46, 10.46) @ 836.5 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (14x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

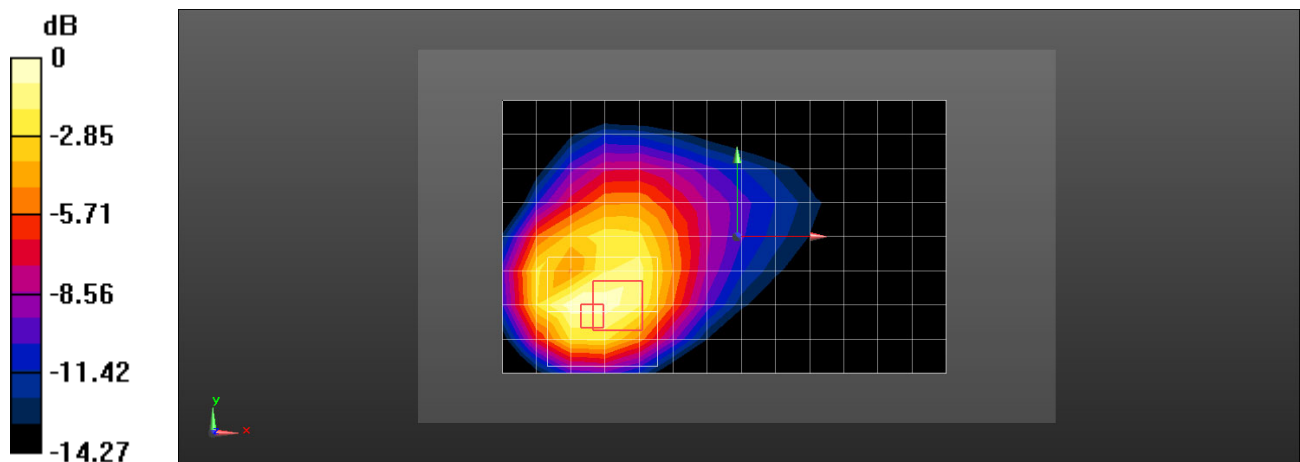
Reference Value = 9.543 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.311 W/kg

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

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



0 dB = 0.772 W/kg = -1.12 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 7 20M QPSK 50%RB 0 Offset 21100CH Right Cheek with Battery2-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

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; $\sigma = 1.907$ S/m; $\epsilon_r = 38.773$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.35, 7.35, 7.35) @ 2535 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.885 W/kg

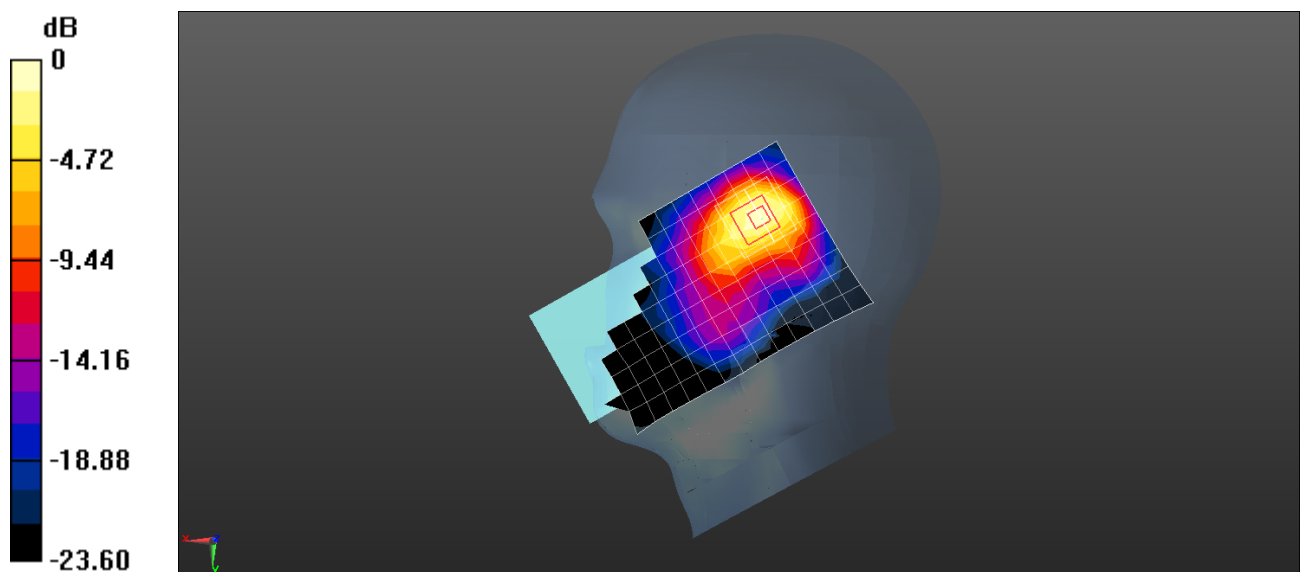
Configuration/Head/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.71 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.353 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 7 20M QPSK 1RB 99 Offset 21100CH Left Cheek-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

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; $\sigma = 1.907$ S/m; $\epsilon_r = 38.773$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.35, 7.35, 7.35) @ 2535 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.476 W/kg

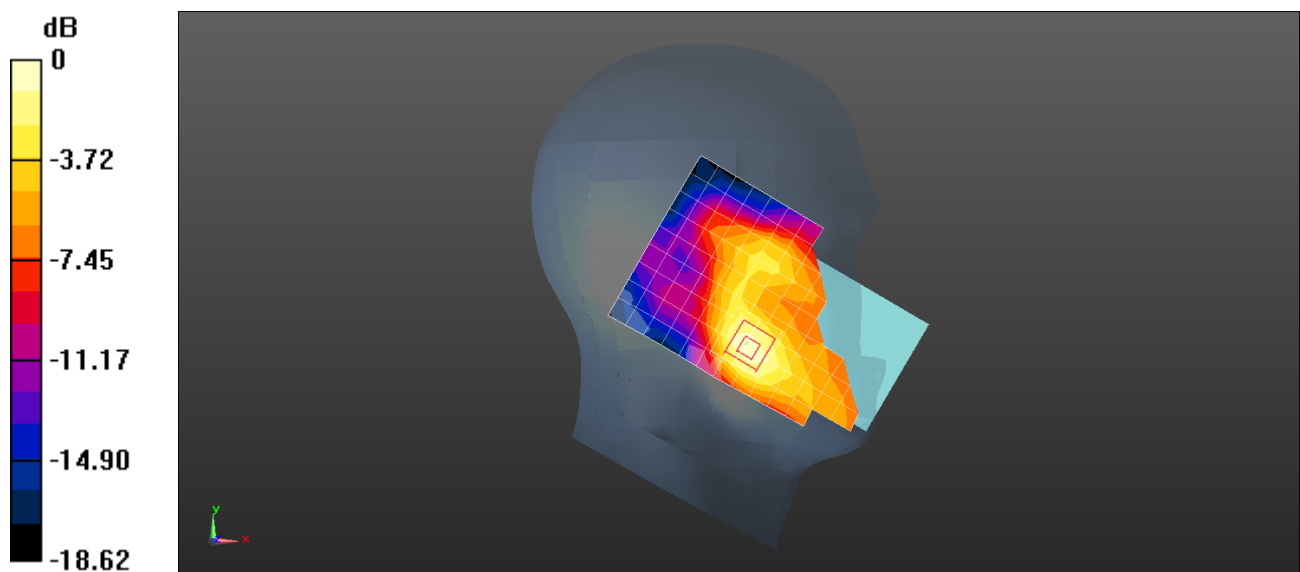
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.748 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.479 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 7 20M QPSK 1RB 99 Offset 21350CH Back Side 15mm with Battery3-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

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; $\sigma = 2.074$ S/m; $\epsilon_r = 51.13$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.53, 7.53, 7.53) @ 2560 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (16x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.266 W/kg

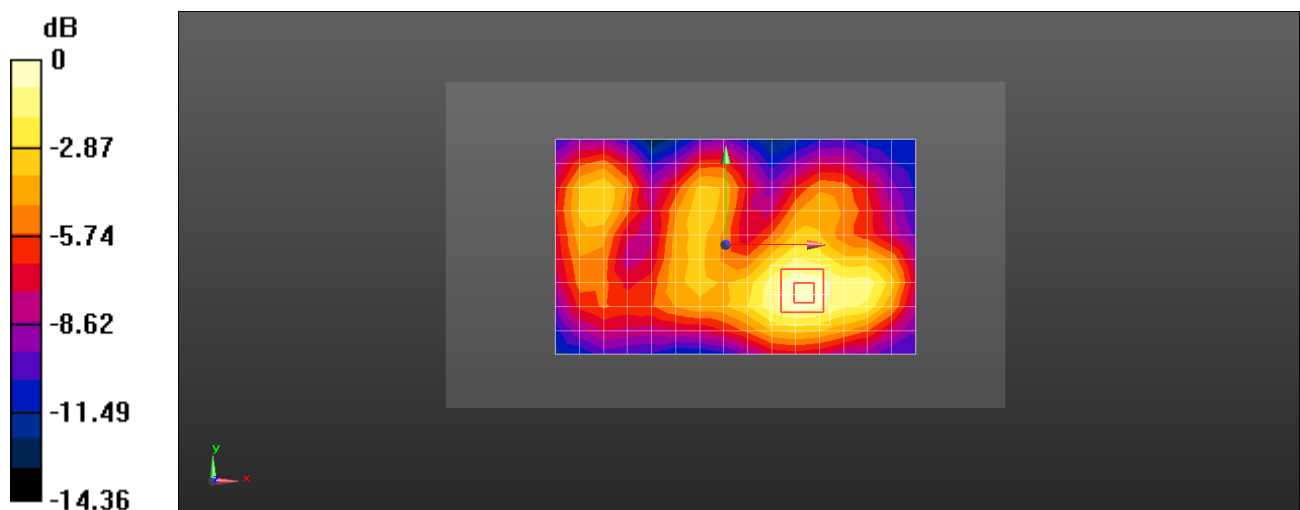
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.337 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.112 W/kg

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



0 dB = 0.276 W/kg = -5.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 7 20M QPSK 1RB 50 Offset 21350CH Back Side 15mm- Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

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; $\sigma = 2.074$ S/m; $\epsilon_r = 51.13$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.53, 7.53, 7.53) @ 2560 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (17x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.297 W/kg

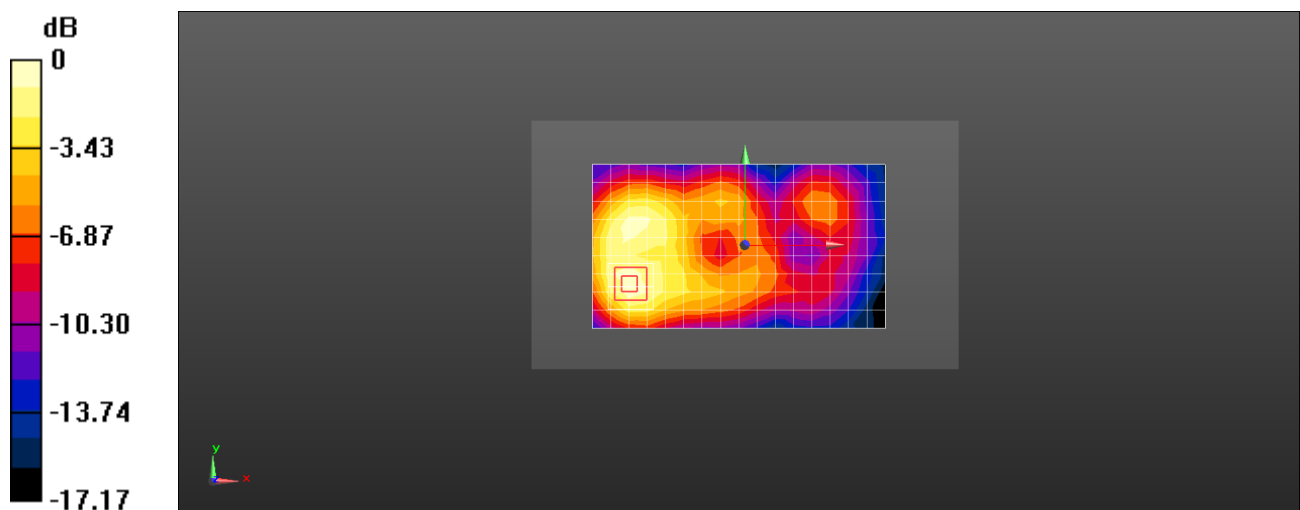
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.133 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 7 20M QPSK 50%RB 50 Offset 21100CH Left Side 10mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

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; $\sigma = 2.052$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.53, 7.53, 7.53) @ 2535 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (17x6x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.444 W/kg

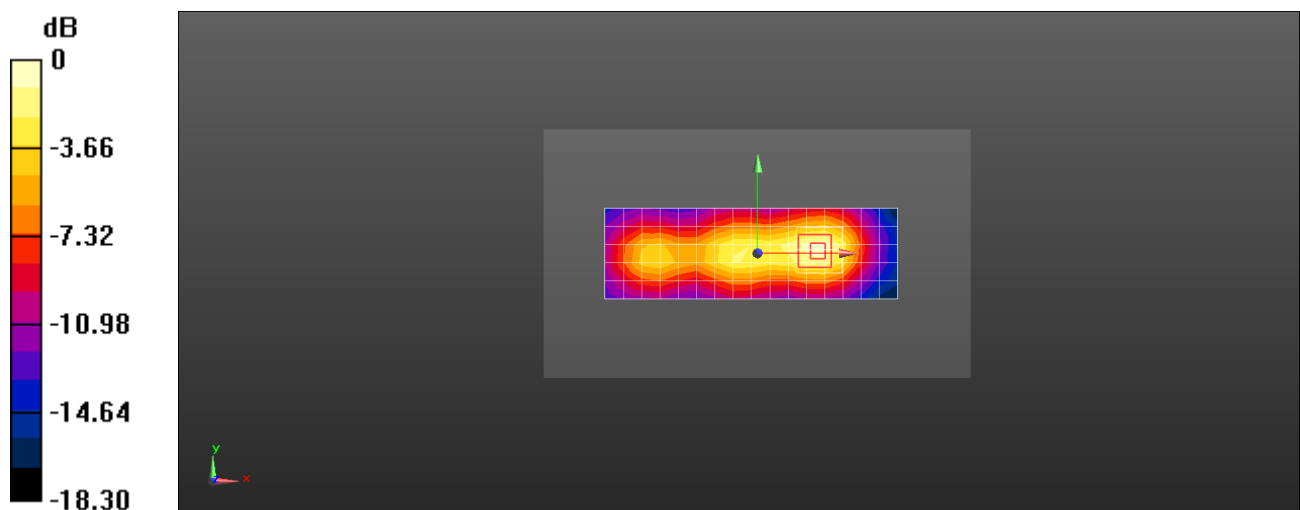
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.11 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 7 20M QPSK 1RB 50 Offset 21350CH Bottom Side 10mm with Battery3-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

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; $\sigma = 2.074$ S/m; $\epsilon_r = 51.13$; $\rho = 1000$ kg/m³

Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.53, 7.53, 7.53) @ 2560 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (11x5x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.741 W/kg

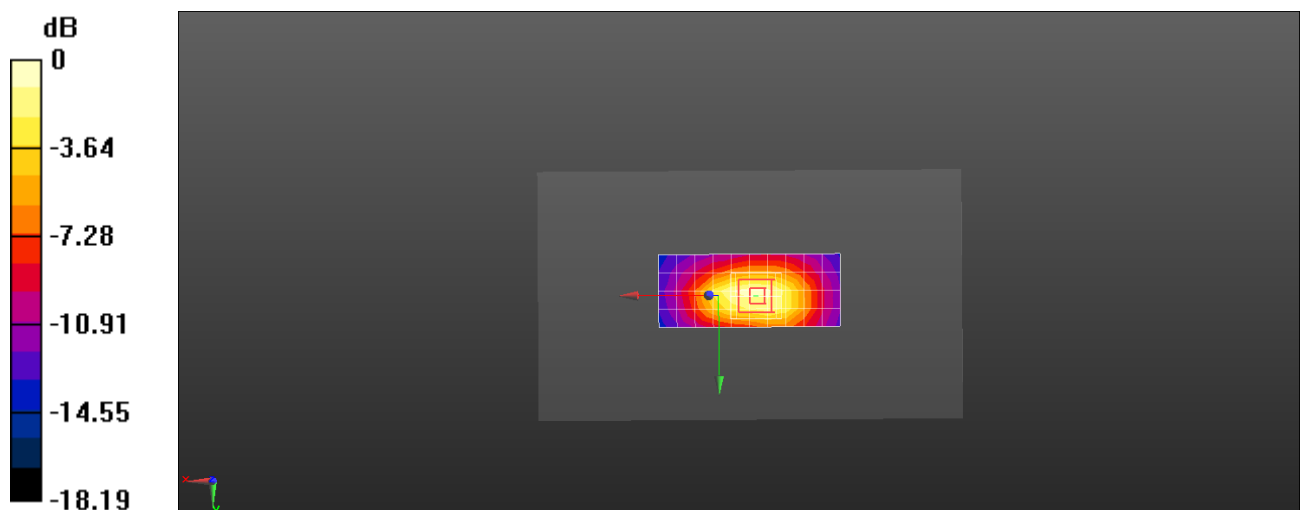
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.73 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.837 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 12 10M QPSK 50%RB 25 Offset 23130CH Right Cheek-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.897 \text{ S/m}$; $\epsilon_r = 41.873$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.6, 6.6, 6.6) @ 711 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.737 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.33 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.686 W/kg ; SAR(10 g) = 0.375 W/kg

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

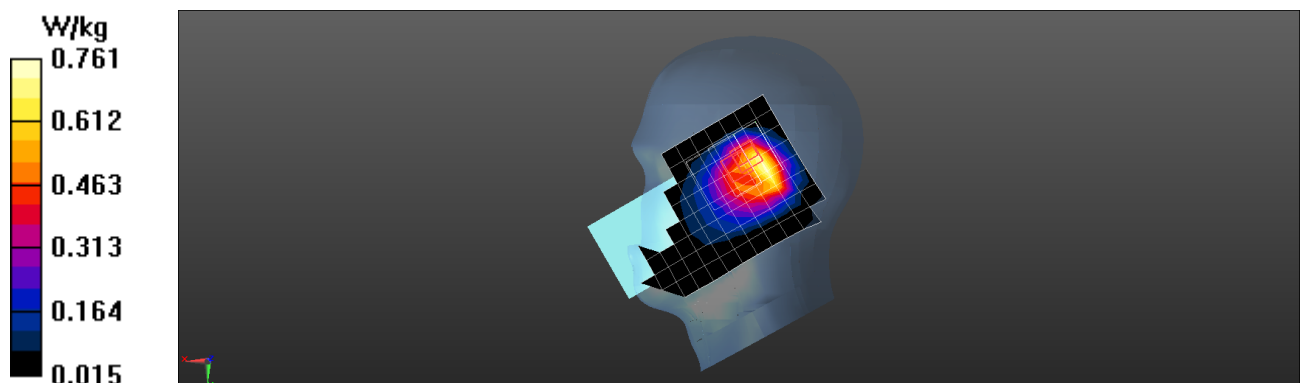
Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.33 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.554 W/kg ; SAR(10 g) = 0.347 W/kg

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



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 12 10M QPSK 1RB 49 Offset 23060CH Right Cheek with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.895 \text{ S/m}$; $\epsilon_r = 41.897$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.6, 6.6, 6.6) @ 704 MHz; Calibrated: 2018-9-27
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1235; Calibrated: 2018-11-14
- Phantom: SAM3; Type: SAM; Serial: 1597
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0530 W/kg

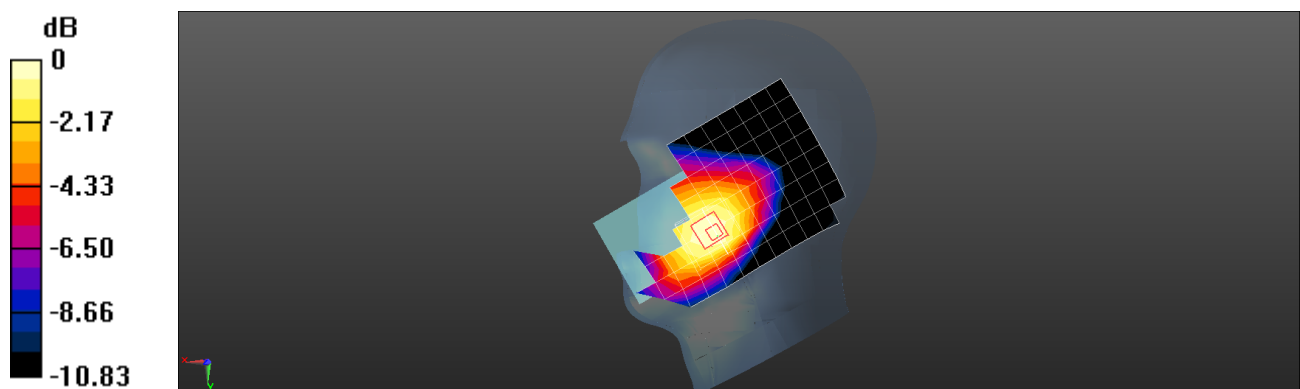
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.352 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.0502 W/kg ; SAR(10 g) = 0.0394 W/kg

Maximum value of SAR (measured) = 0.0538 W/kg



0 dB = 0.0538 W/kg = -12.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 12 10M QPSK 1RB 49 Offset 23130CH Back Side 15mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 56.219$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.96, 9.96, 9.96) @ 711 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.286 W/kg

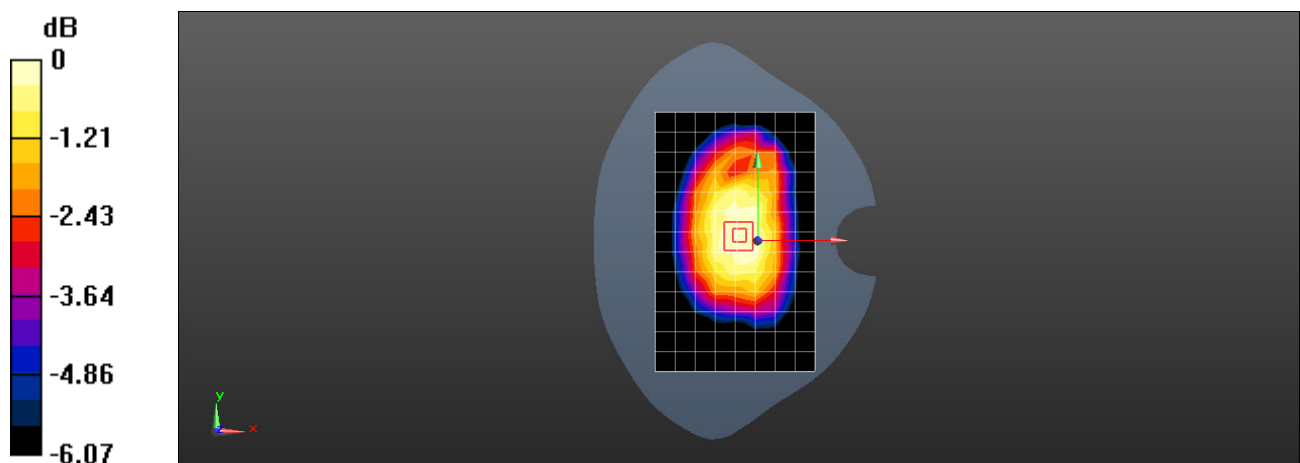
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.69 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.250 W/kg ; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 12 10M QPSK 1RB 0 Offset 23130CH Back Side 15mm- Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 56.219$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.96, 9.96, 9.96) @ 711 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.247 W/kg

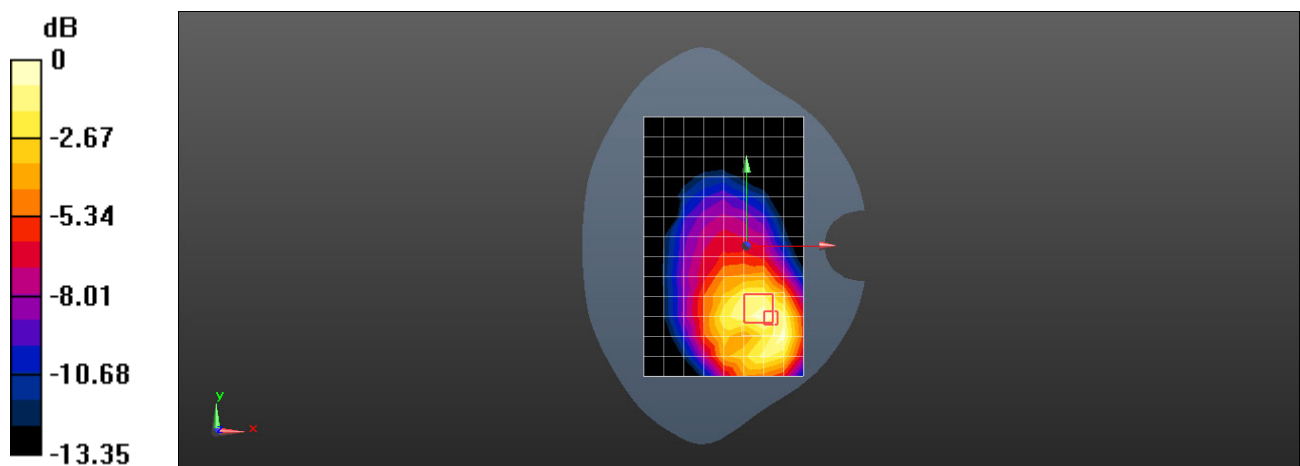
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.981 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.185 W/kg ; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 12 10M QPSK 1RB 49 Offset 23130CH Left Side 10mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 56.219$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.96, 9.96, 9.96) @ 711 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

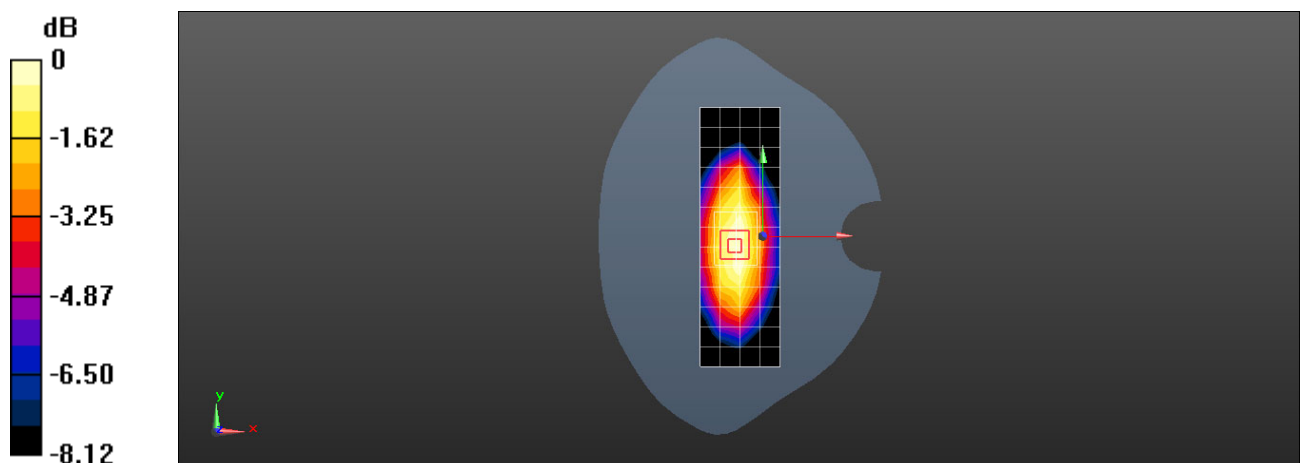
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.06 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.357 W/kg ; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.427 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 12 10M QPSK 1RB 49 Offset 23060CH Back Side 10mm with SIM2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 56.242$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(9.96, 9.96, 9.96) @ 704 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1492; Calibrated: 2018-11-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.596 W/kg

Configuration/Body/Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.842 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.719 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.608 W/kg

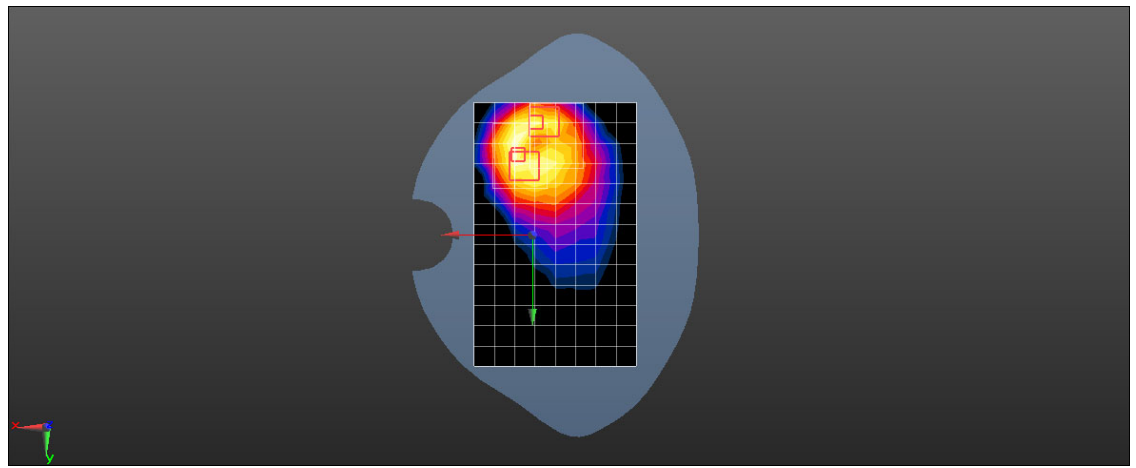
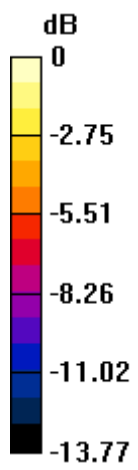
Configuration/Body/Zoom Scan (6x7x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.842 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.528 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 66 20M QPSK 1RB 0 Offset 132072CH Right Cheek-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 39.355$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(8.36, 8.36, 8.36) @ 1720 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

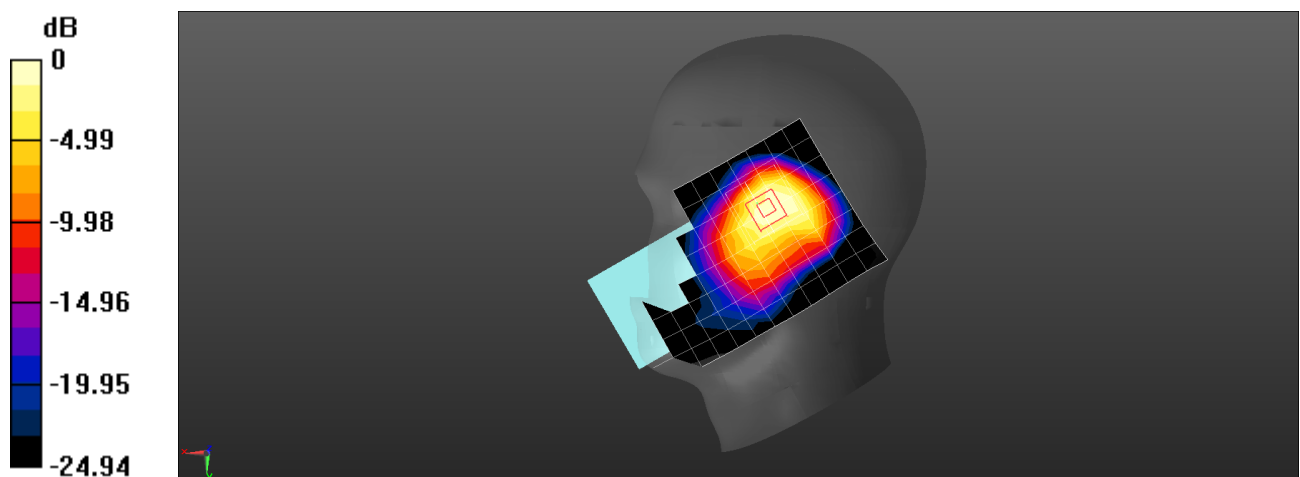
Configuration/Head/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.51 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 0.824 W/kg



0 dB = 0.824 W/kg = -0.84 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 66 20M QPSK 1RB 0 Offset 132072CH Left Cheek with Battery3-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 39.355$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(8.36, 8.36, 8.36) @ 1720 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: SAM8; Type: SAM; Serial: 1940
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.185 W/kg

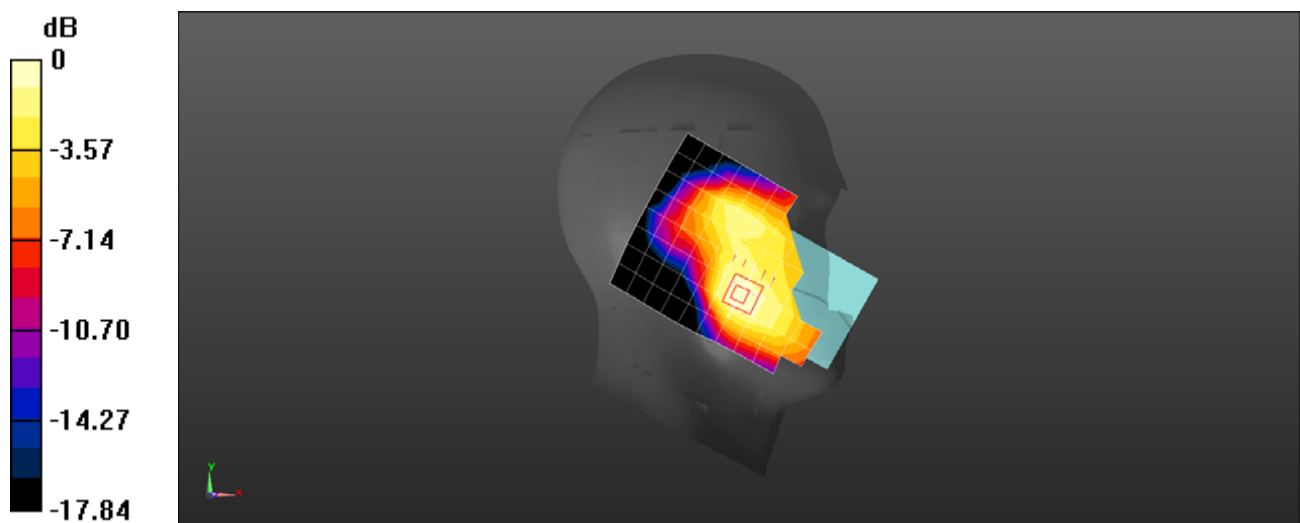
Configuration/Head/Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.026 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 66 20M QPSK 1RB 99 Offset 132572CH Front Side 15mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 53.474$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.85, 7.85, 7.85) @ 1770 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

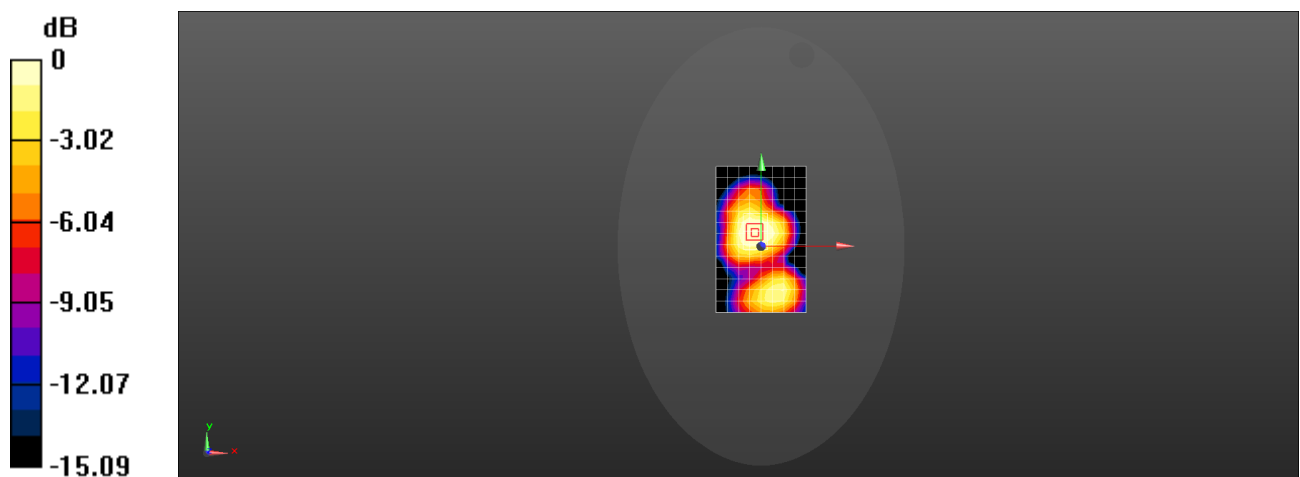
Configuration/Body/Zoom Scan (5x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.872 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.080 W/kg

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



0 dB = 0.155 W/kg = -8.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 66 20M QPSK 1RB 0 Offset 132072CH Front Side 15mm with Battery2-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.449$ S/m; $\epsilon_r = 53.496$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.85, 7.85, 7.85) @ 1720 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.356 W/kg

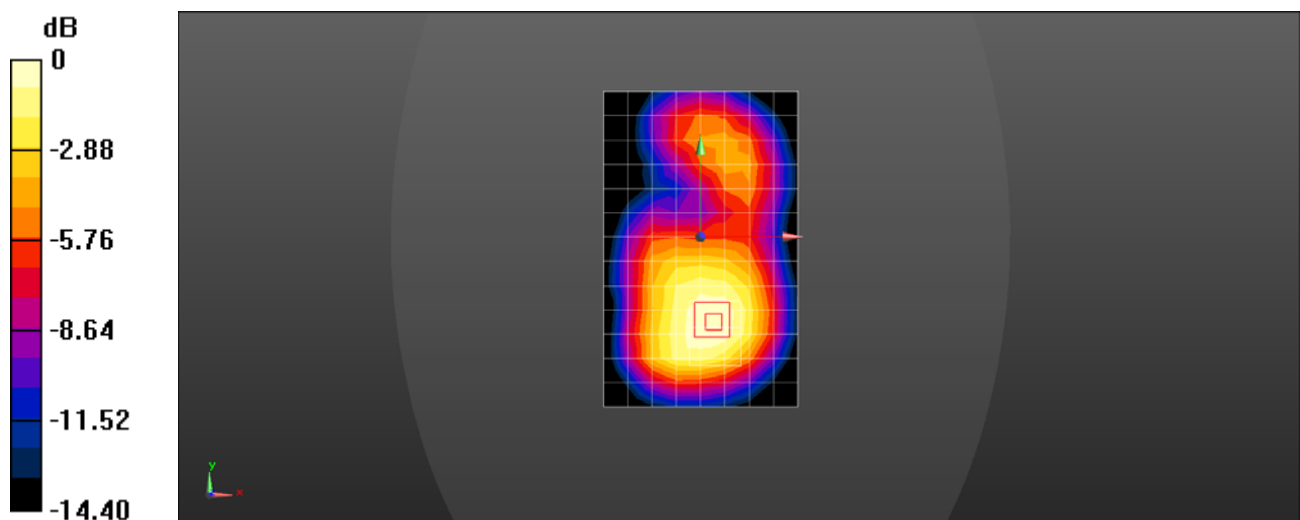
Configuration/Body/Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.304 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 66 20M QPSK 1RB 99 Offset 132572CH Top Side 10mm-Second Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 53.474$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.85, 7.85, 7.85) @ 1770 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.297 W/kg

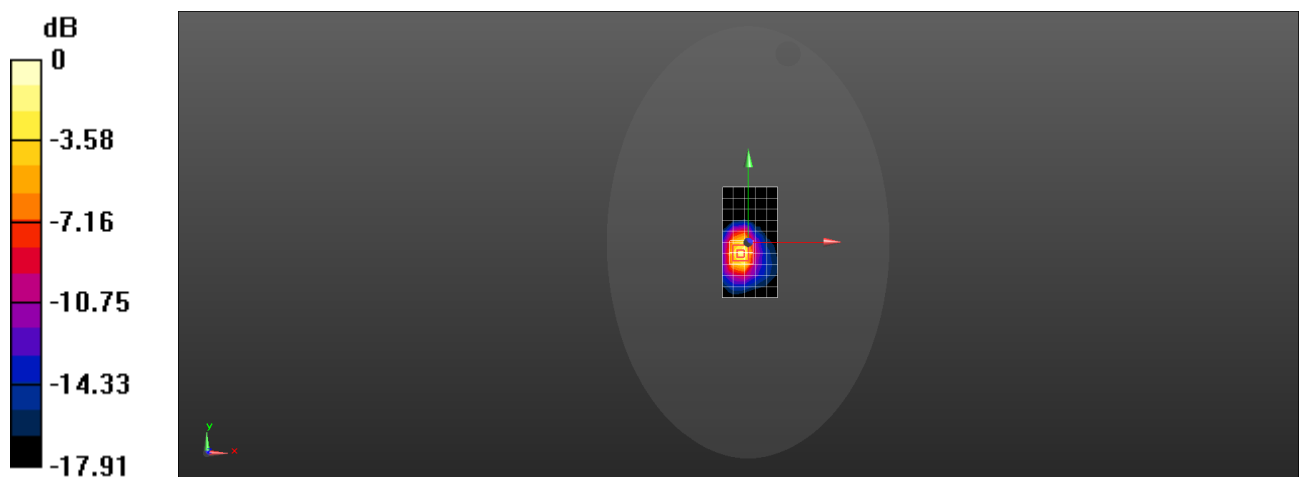
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.328 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A LTE Band 66 20M QPSK 1RB 0 Offset 132572CH Bottom Side 10mm-Main Antenna

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR5

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 53.474$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3743; ConvF(7.85, 7.85, 7.85) @ 1770 MHz; Calibrated: 2018-11-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1554; Calibrated: 2018-6-5
- Phantom: ELI V8.0 Flat; Type: ELI; Serial: 2076
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

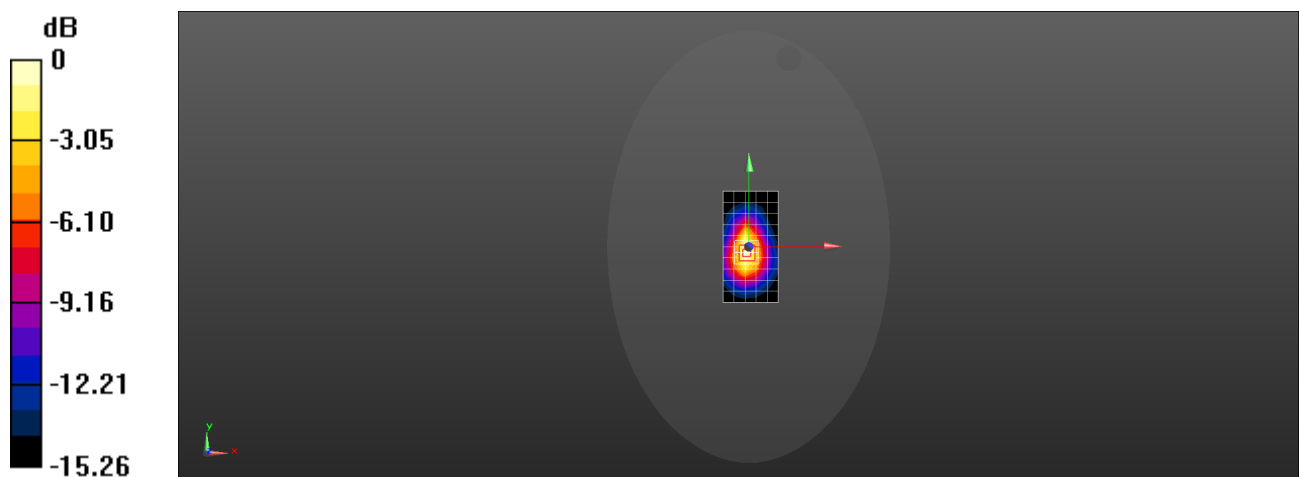
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.38 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A WiFi 2.4G 11b 1CH Left Cheek with Battery2

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

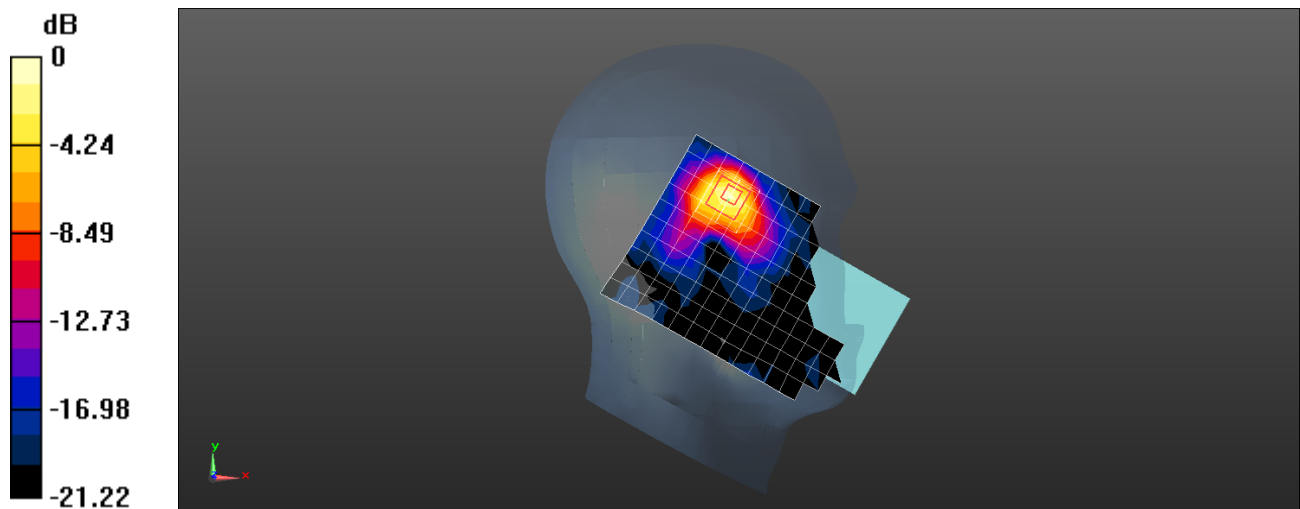
Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.01
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.756$ S/m; $\epsilon_r = 39.433$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.61, 7.61, 7.61) @ 2412 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Head/Area Scan (11x17x1): 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 = 6.486 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg = -6.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A WiFi 2.4G 11b 11CH Back Side 15mm with Battery3

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

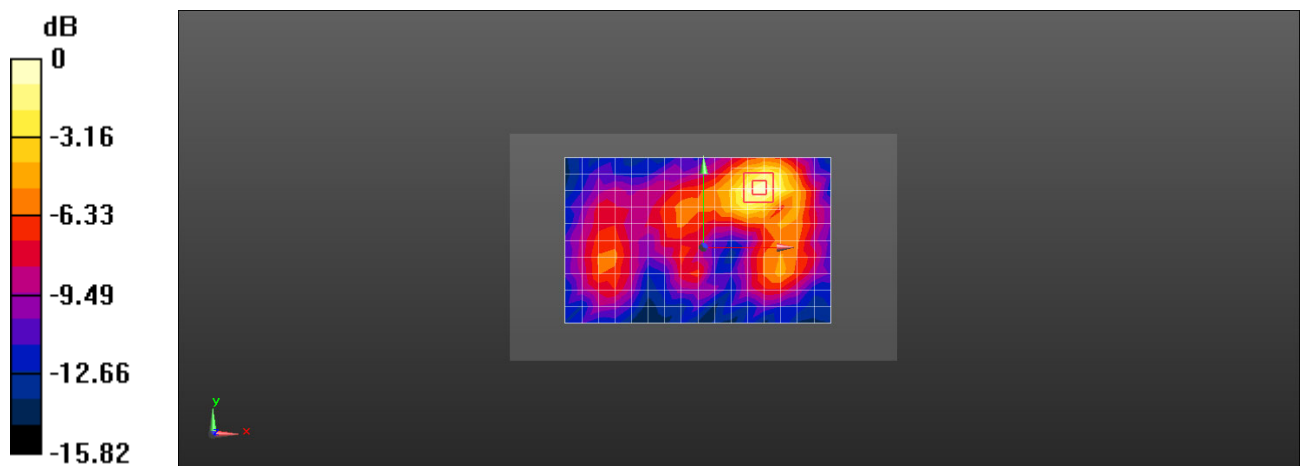
Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.01
Medium parameters used: $f = 2462$ MHz; $\sigma = 2.013$ S/m; $\epsilon_r = 54.382$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.76, 7.76, 7.76) @ 2462 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (17x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.0908 W/kg

Configuration/Body/Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.788 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.0934 W/kg



0 dB = 0.0934 W/kg = -10.30 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MAR-LX3A WiFi 2.4G 11b 11CH Right Side 10mm with Battery3

DUT: MAR-LX3A; Type: Smart Phone; Serial: SAR4

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.01
Medium parameters used: $f = 2462$ MHz; $\sigma = 2.013$ S/m; $\epsilon_r = 54.382$; $\rho = 1000$ kg/m³
Phantom section: Center Section

DASY Configuration:

- Probe: EX3DV4 - SN7381; ConvF(7.76, 7.76, 7.76) @ 2462 MHz; Calibrated: 2018-9-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1236; Calibrated: 2018-7-18
- Phantom: Triple Flat Phantom 5.1C; Type: MFP V5.1 C; Serial: 1176/2
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Configuration/Body/Area Scan (17x6x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.289 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 7.671 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.337 W/kg

