

**Appendix B. SAR Measurement Plots**

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Test Laboratory: HUAWEI SAR/HAC Lab

H1611 GSM850 190CH Right touch**DUT: H1611; 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; $\sigma = 0.937$ S/m; $\epsilon_r = 41.812$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3744; ConvF(8.77, 8.77, 8.77); Calibrated: 2015-7-24;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

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

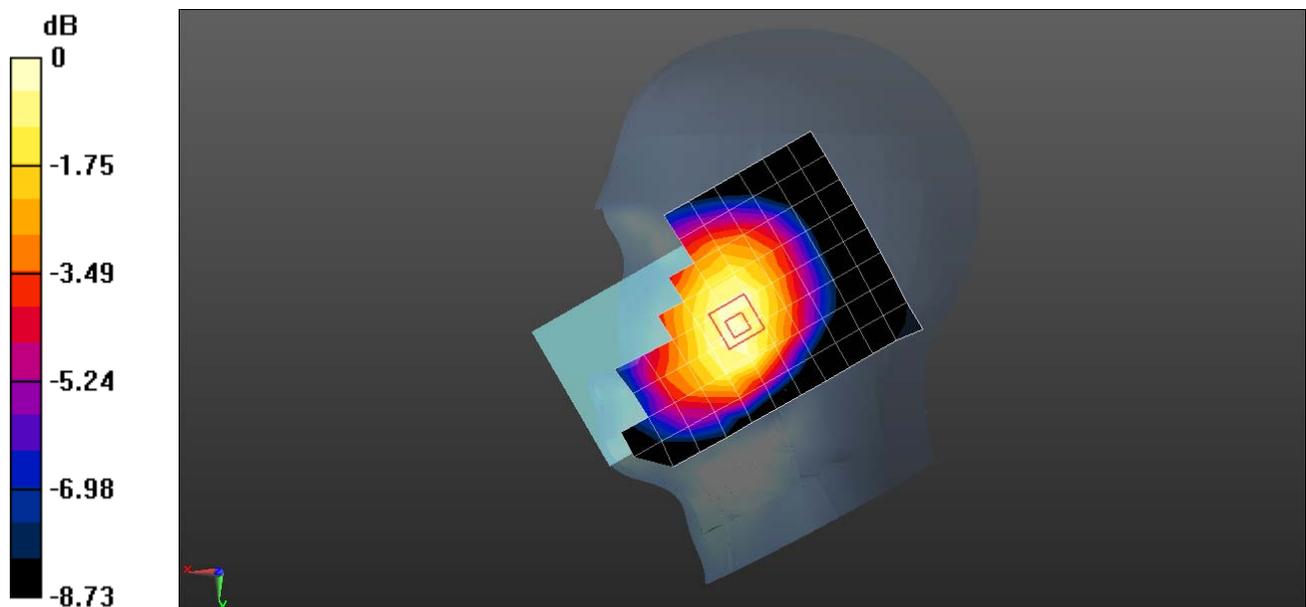
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.288 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg = -2.91 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 GSM850 190CH Back Side 15mm**DUT: H1611; 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; $\sigma = 0.987$ S/m; $\epsilon_r = 53.502$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2016-4-26;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.574 W/kg

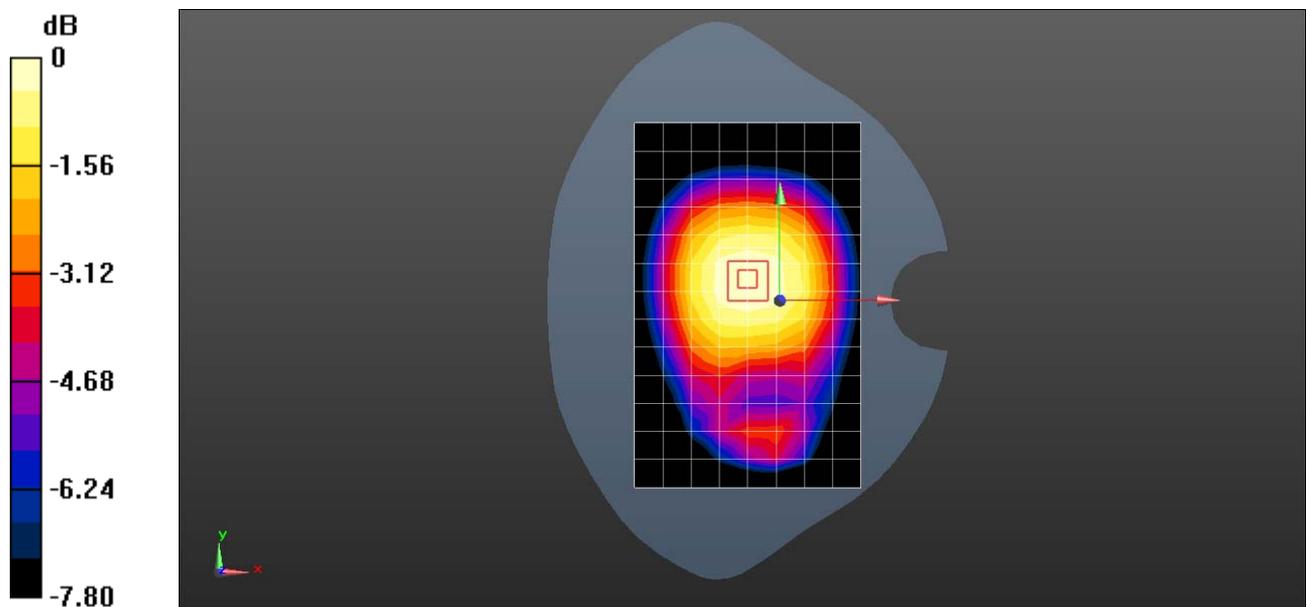
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.11 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (measured) = 0.584 W/kg



0 dB = 0.584 W/kg = -2.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 GSM850 GPRS 2TS 190CH Back Side 10mm**DUT: H1611; 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; $\sigma = 0.987$ S/m; $\epsilon_r = 53.502$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.700 W/kg

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

Reference Value = 23.61 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.923 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.760 W/kg

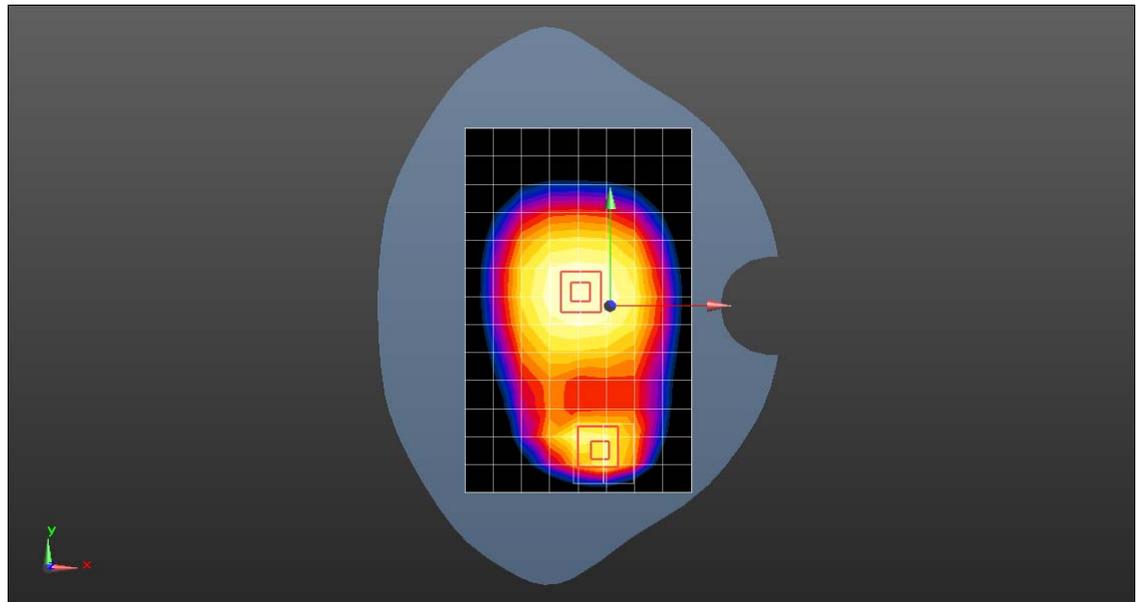
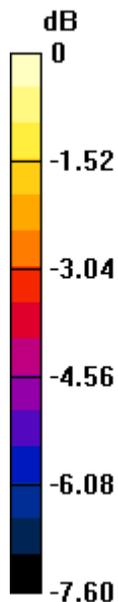
Configuration/Body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.61 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.577 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.698 W/kg = -1.56 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 GSM1900 512CH Right touch

DUT: H1611; Type: Smart Phone; Serial: SAR2

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 40.136$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(7.45, 7.45, 7.45); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌵ DASY52 52.8.8(1222);

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

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

Maximum value of SAR (measured) = 0.0973 W/kg

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

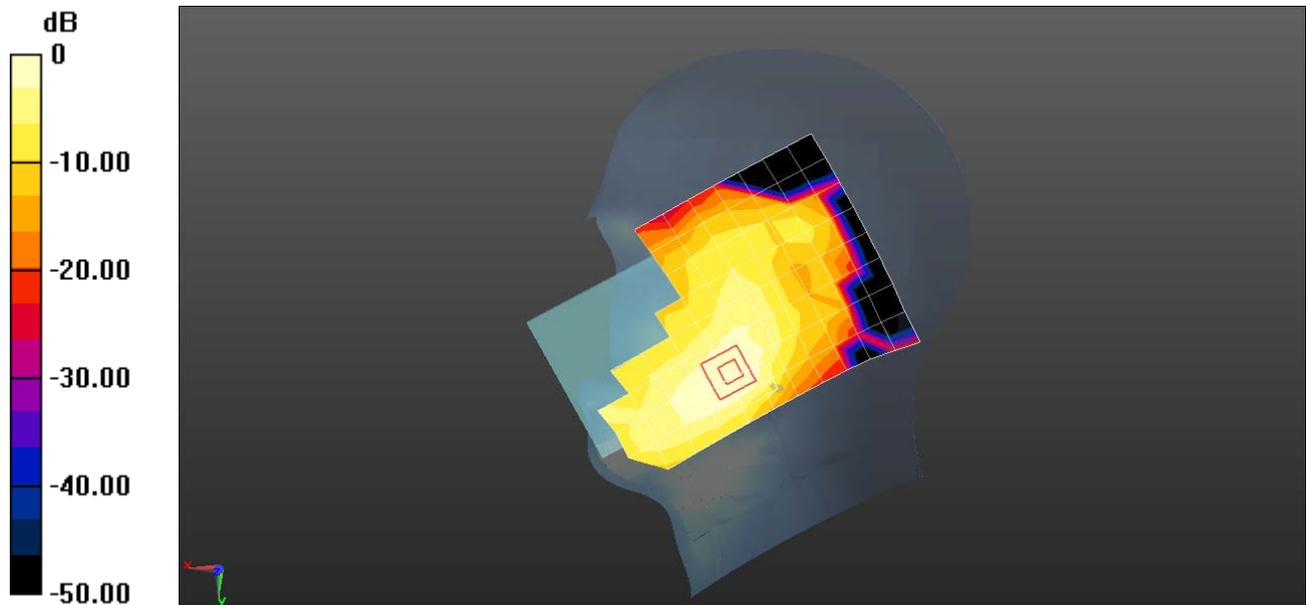
Reference Value = 1.826 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.047 W/kg

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

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.85 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 GSM1900 661CH Back Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

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

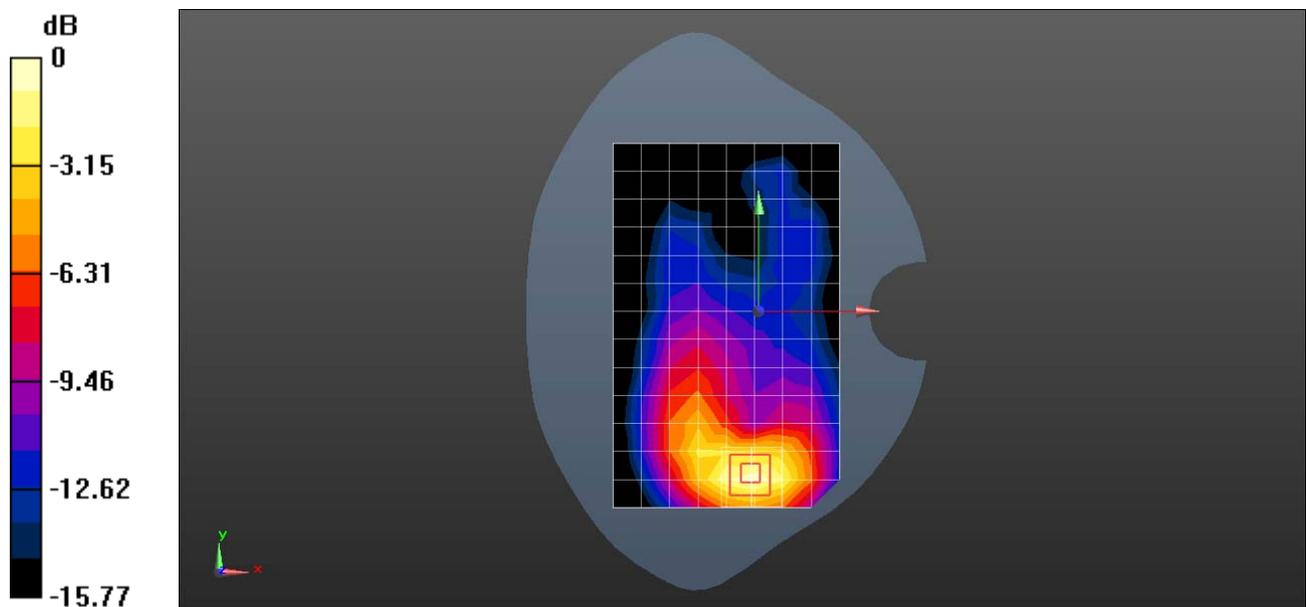
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.601 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 GSM1900 GPRS 2TS 661CH Bottom Side 10mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.648 W/kg

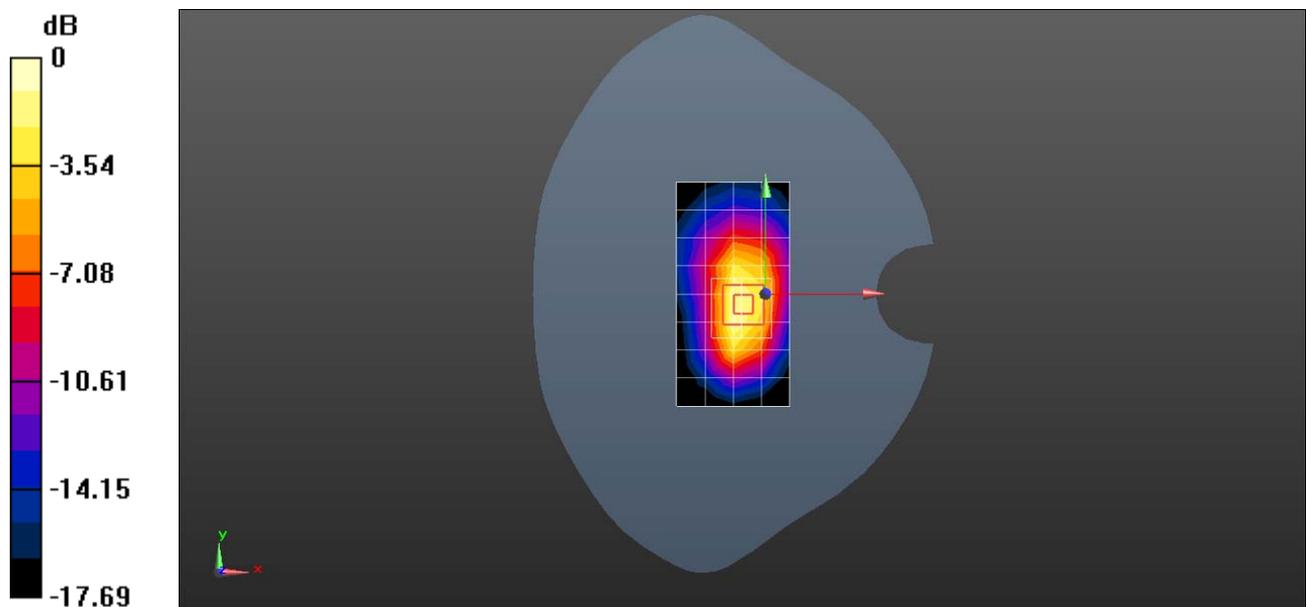
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.03 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.962 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 GSM1900 GPRS 2TS 810CH Back Side 0mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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; $\sigma = 1.535$ S/m; $\epsilon_r = 52.085$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 9.36 W/kg

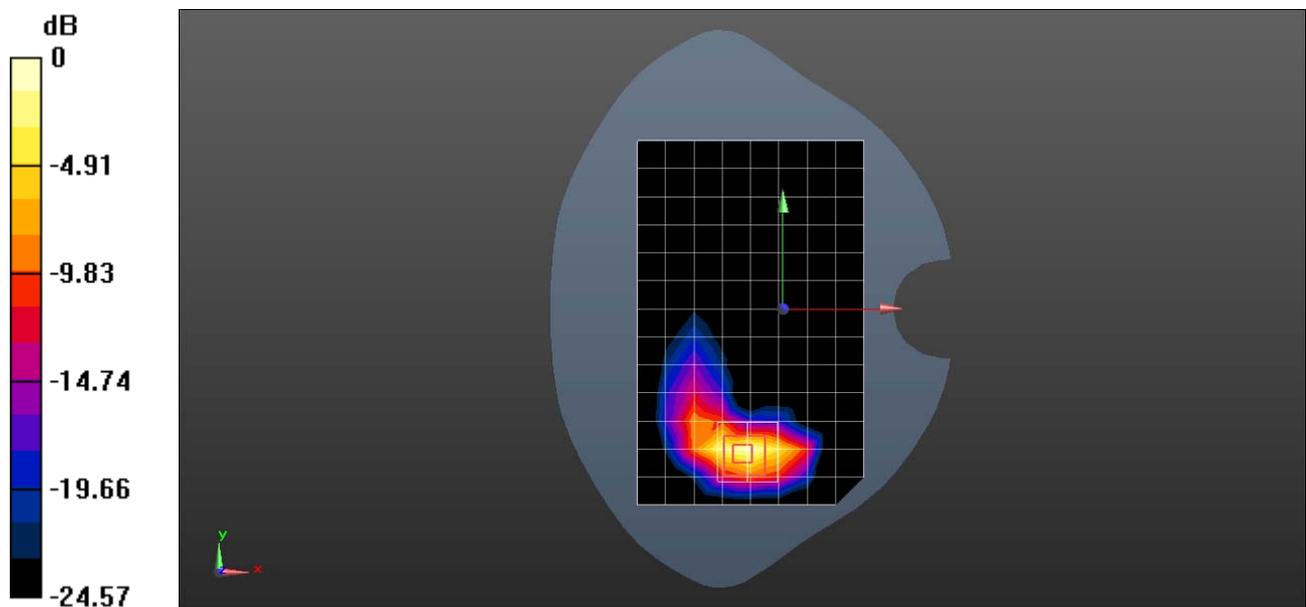
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.976 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 5.6 W/kg; SAR(10 g) = 2.32 W/kg

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 UMTS Band II 9262CH Right touch

DUT: H1611; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 40.122$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(7.45, 7.45, 7.45); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌵ DASY52 52.8.8(1222);

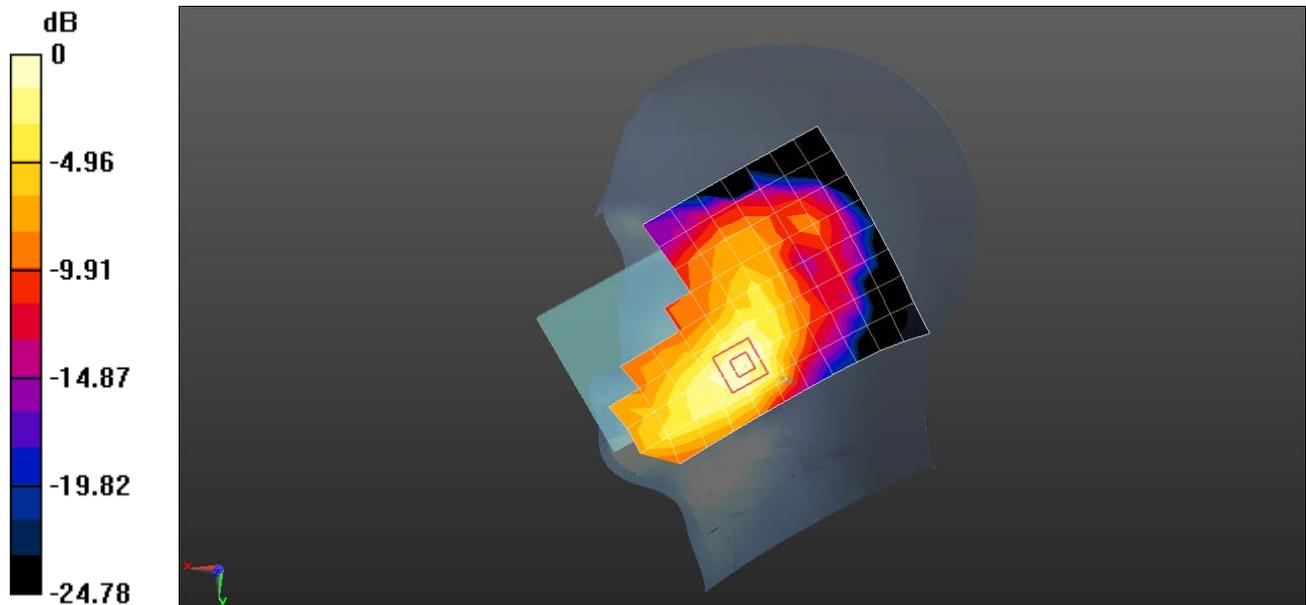
Configuration/Head/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.197 W/kg

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

Reference Value = 3.021 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.097 W/kg

Info: [Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.211 W/kg = -6.75 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 UMTS Band II 9400CH Back Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.951 W/kg

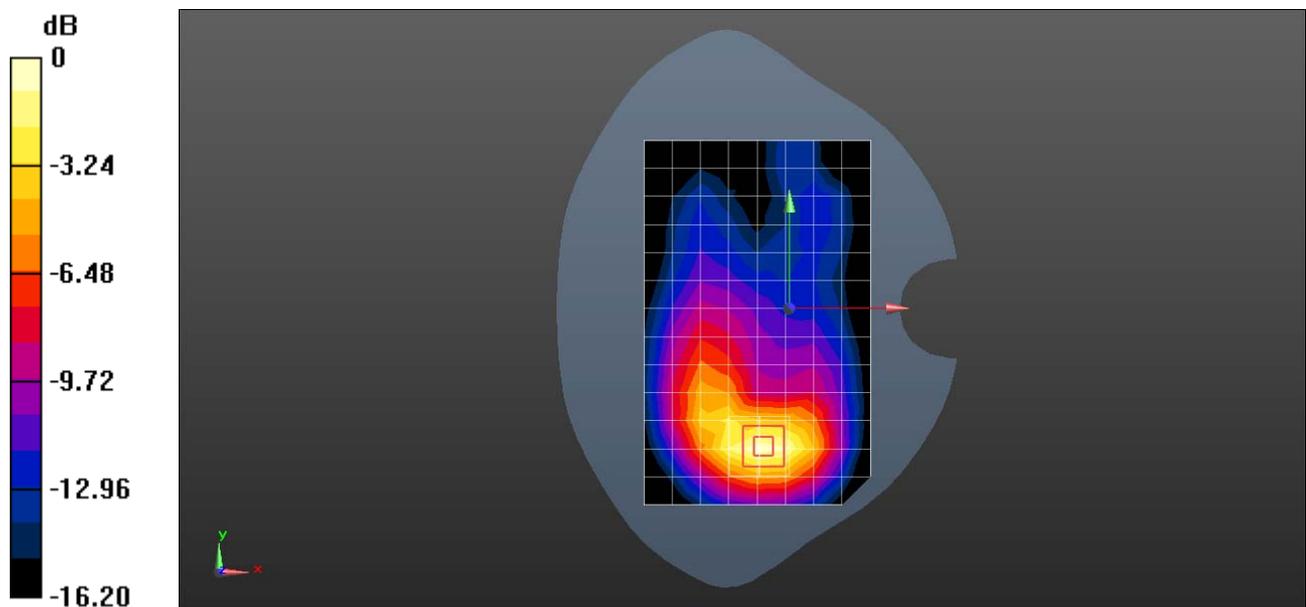
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.213 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 UMTS Band II 9400CH Bottom Side 10mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

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

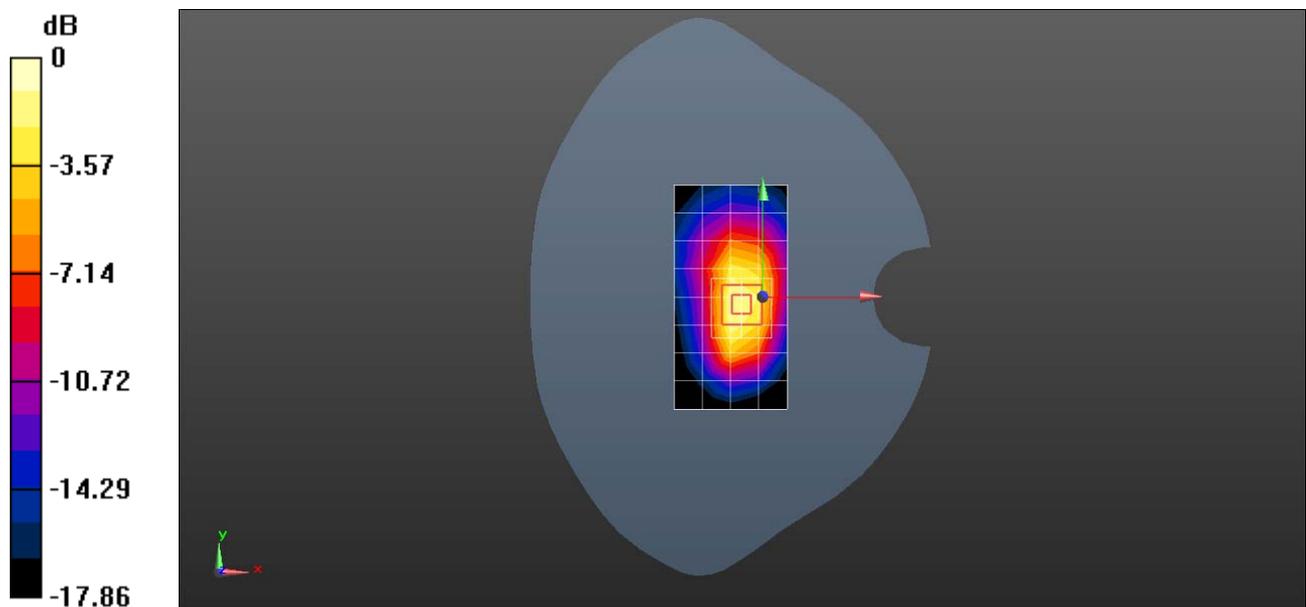
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.13 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 UMTS Band II 9538CH Bottom Side 0mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 52.068$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌘ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 10.7 W/kg

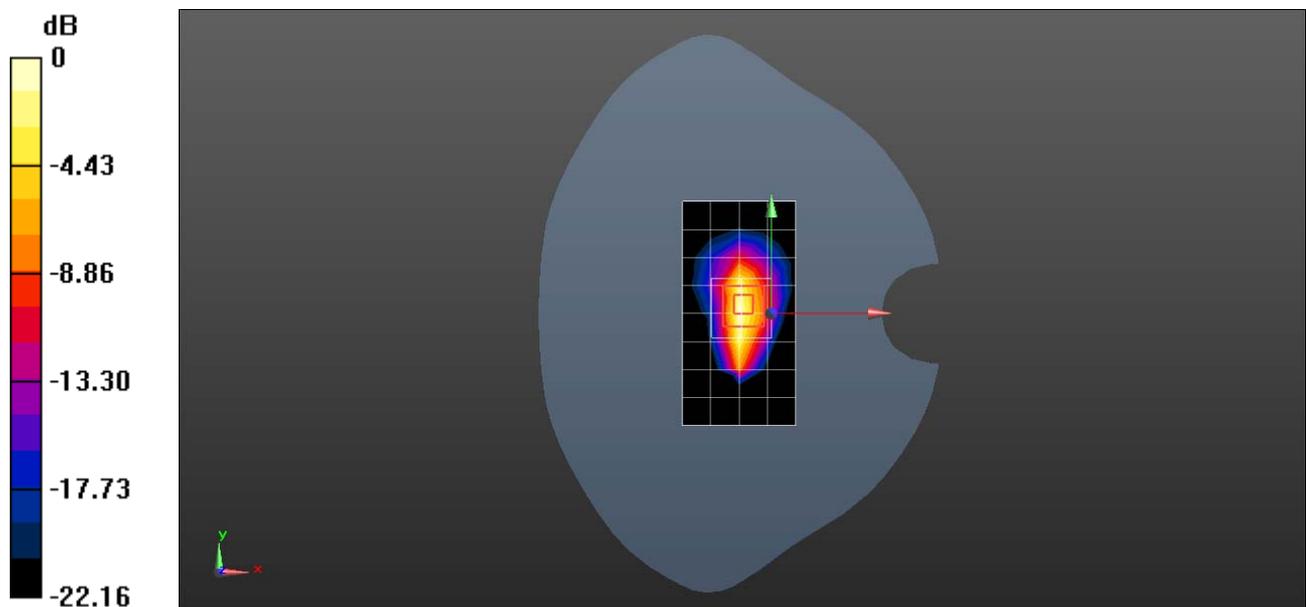
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 66.43 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 6.74 W/kg; SAR(10 g) = 2.8 W/kg

Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.96 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 UMTS Band V 4182CH Right touch

DUT: H1611; 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; $\sigma = 0.936$ S/m; $\epsilon_r = 41.819$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3744; ConvF(8.77, 8.77, 8.77); Calibrated: 2015-7-24;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.353 W/kg

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

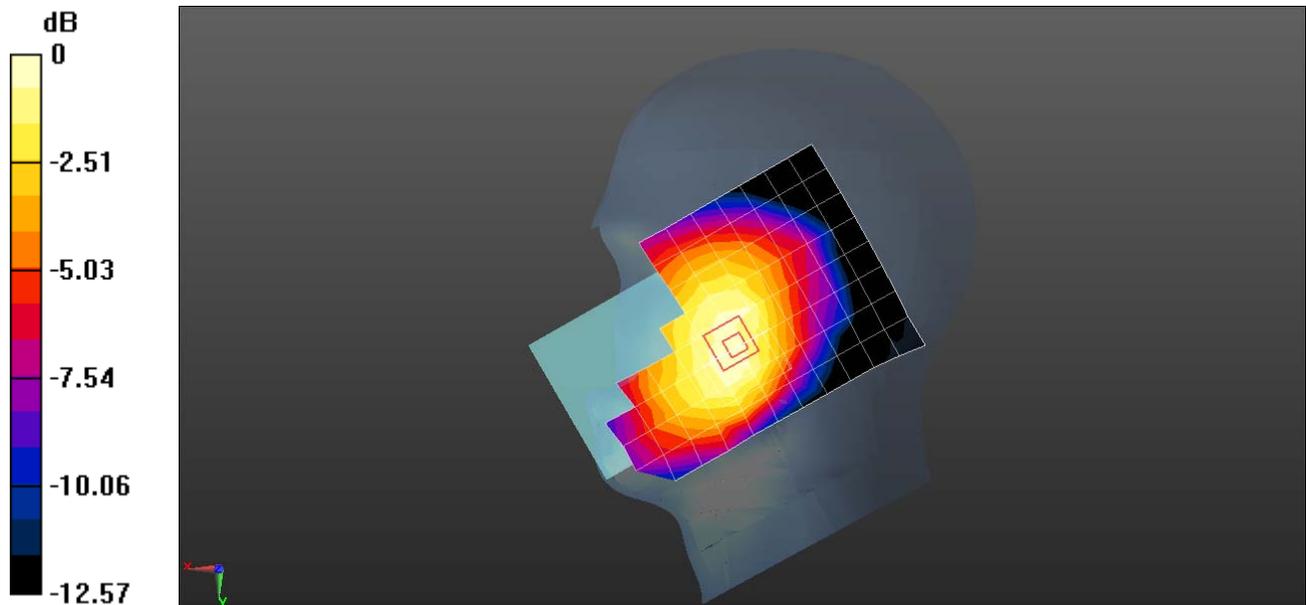
Reference Value = 7.537 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.238 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.380 W/kg = -4.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 UMTS Band V 4182CH Back Side 15mm**DUT: H1611; 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; $\sigma = 0.987$ S/m; $\epsilon_r = 53.511$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

Info: Interpolated medium parameters used for SAR evaluation.

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

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

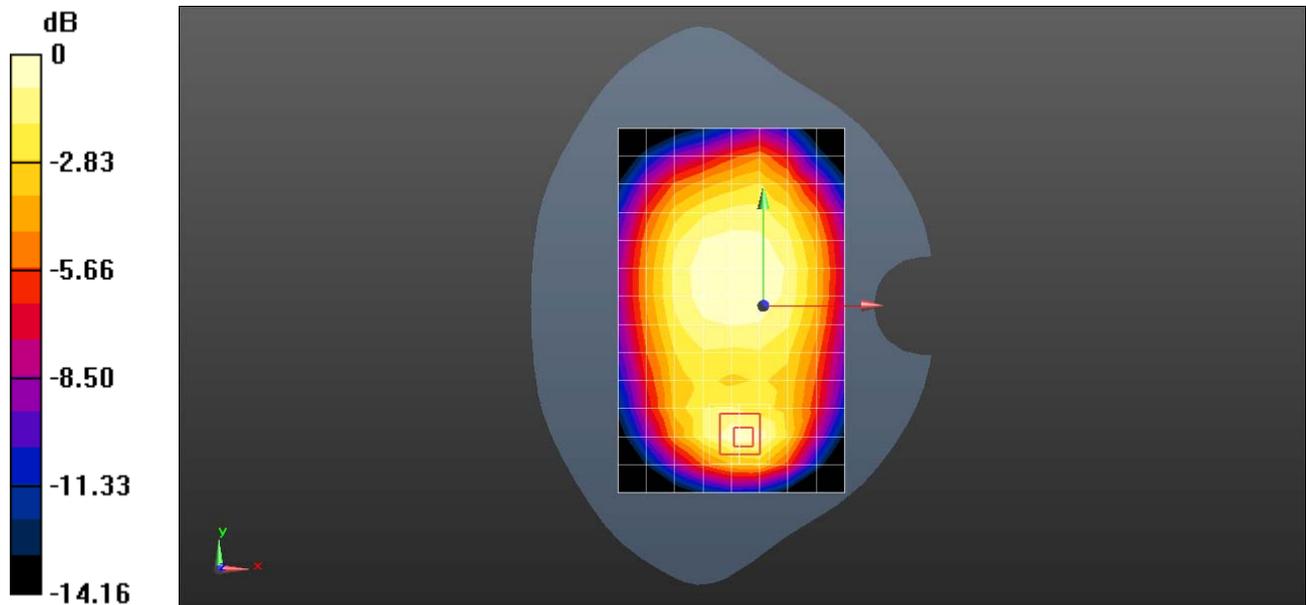
Reference Value = 17.03 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.158 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg = -4.36 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 UMTS Band V 4182CH Back Side 10mm**DUT: H1611; 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; $\sigma = 0.987$ S/m; $\epsilon_r = 53.511$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2016-4-26;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222);

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

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.654 W/kg

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

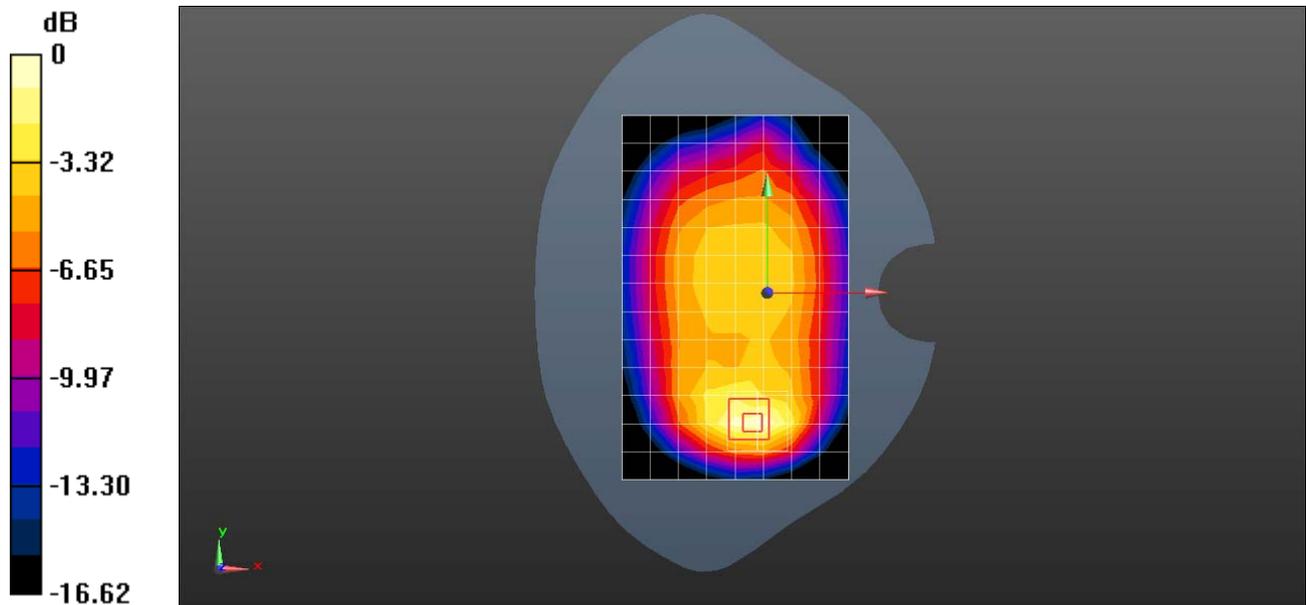
Reference Value = 15.99 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.254 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678 W/kg = -1.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band II 20M QPSK 1RB 0 offset 18700CH Right touch**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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; $\sigma = 1.39$ S/m; $\epsilon_r = 40.089$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.45, 7.45, 7.45); Calibrated: 2016-4-26;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.168 W/kg

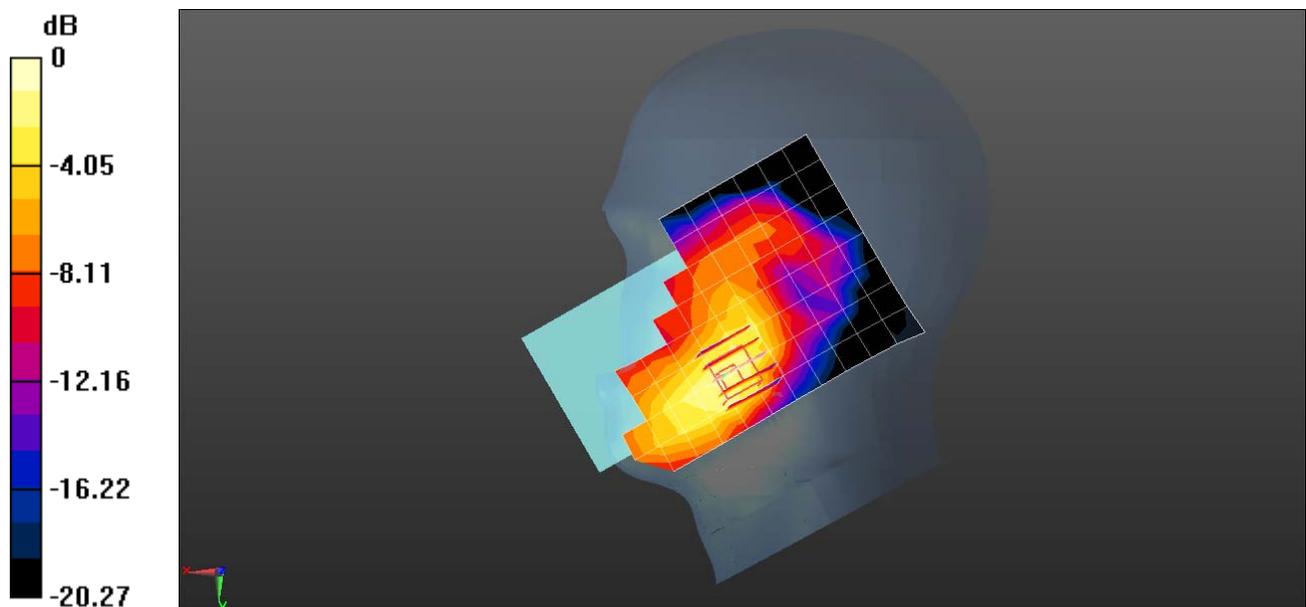
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.572 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.207 W/kg



0 dB = 0.207 W/kg = -6.84 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band II 20M QPSK 1RB 99 offset 19100CH Back Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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; $\sigma = 1.53$ S/m; $\epsilon_r = 52.145$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌄ Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ⌄ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌄ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌄ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌄ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.865 W/kg

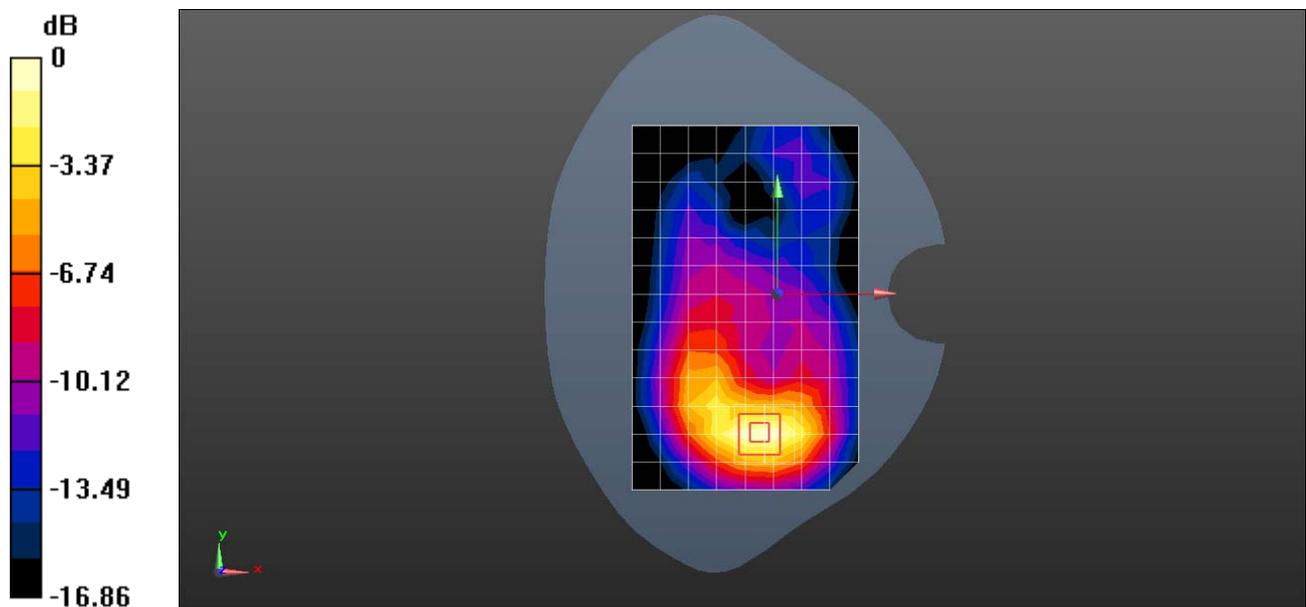
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.131 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg = -0.55 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band II 20M QPSK 1RB 50 offset 18700CH Back Side 10mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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; $\sigma = 1.499$ S/m; $\epsilon_r = 52.246$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌘ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.374 W/kg

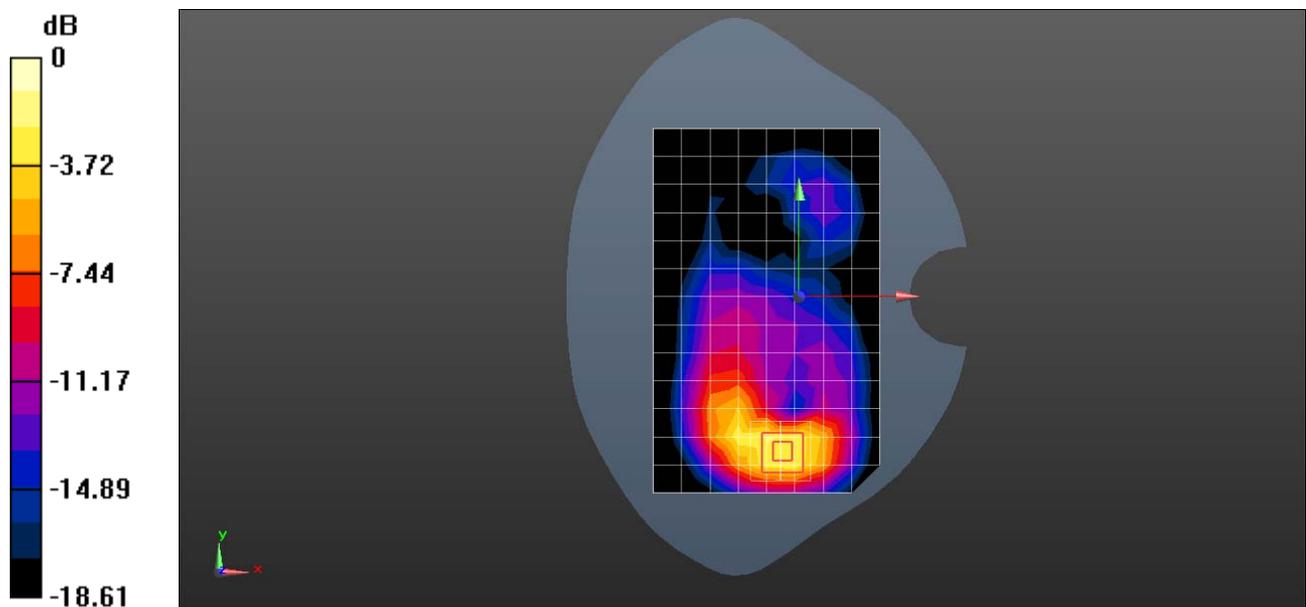
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.433 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.642 W/kg



0 dB = 0.642 W/kg = -1.92 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band II 20M QPSK 1RB 99 offset 18900CH Back Side 0mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.201$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

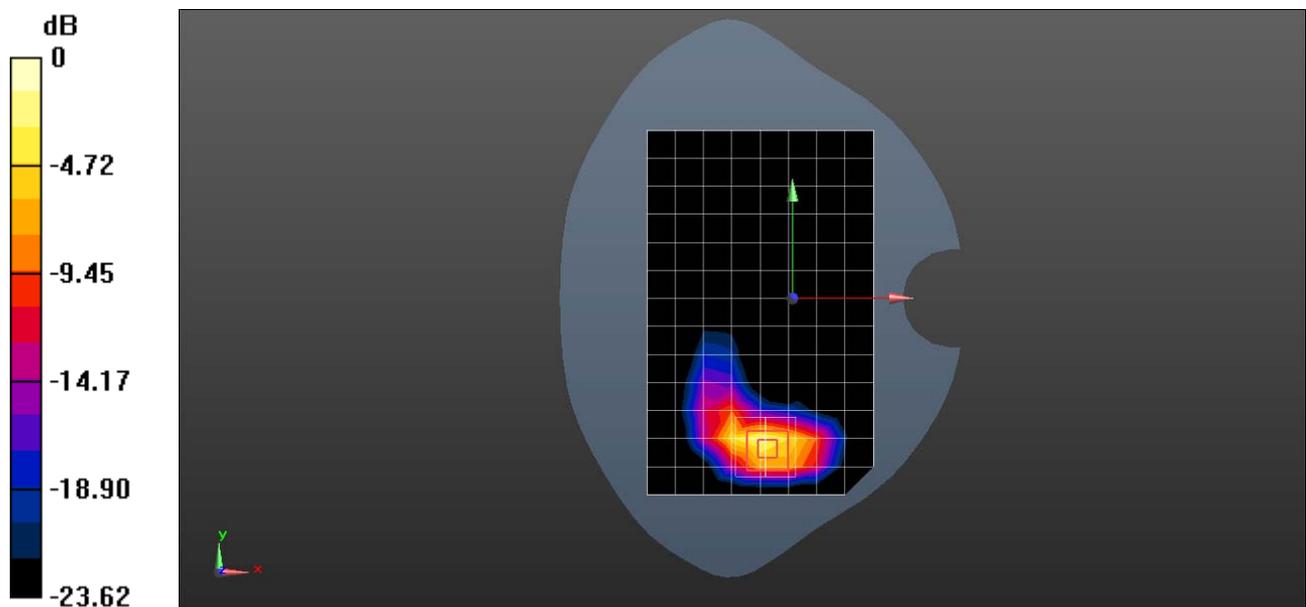
DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.15, 7.15, 7.15); Calibrated: 2016-4-26;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222);

Configuration/Body/Area Scan (9x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 8.39 W/kg

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

Reference Value = 2.145 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 6.52 W/kg; SAR(10 g) = 2.66 W/kg
 Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.0 W/kg = 11.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band IV 20M QPSK 1RB 0 offset 20300CH Right touch**DUT: H1611; 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; $\sigma = 1.352$ S/m; $\epsilon_r = 39.765$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3744; ConvF(7.84, 7.84, 7.84); Calibrated: 2015-7-24;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌘ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.186 W/kg

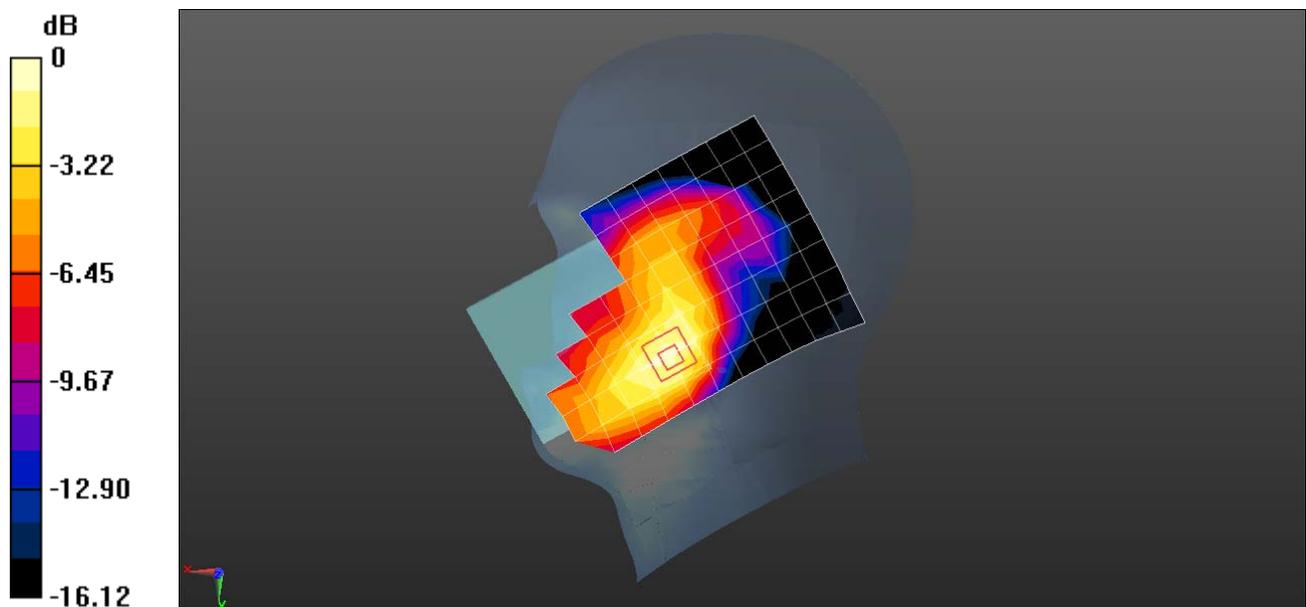
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.417 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band IV 20M QPSK 1RB 0 offset 20050CH Back Side 15mm

DUT: H1611; Type: Smart Phone; Serial: SAR2

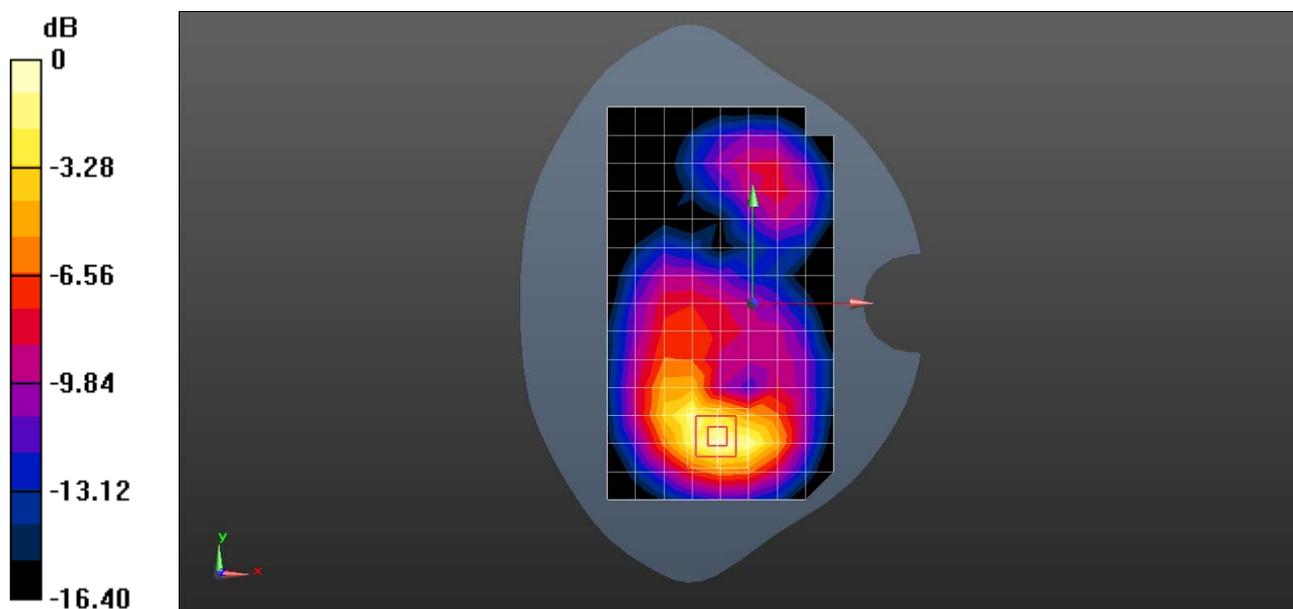
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 51.941$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3744; ConvF(7.45, 7.45, 7.45); Calibrated: 2015-7-24;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.534 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 6.531 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.682 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.235 W/kg
 Maximum value of SAR (measured) = 0.581 W/kg



0 dB = 0.581 W/kg = -2.36 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band IV 20M QPSK 1RB 50 offset 20300CH Back Side 10mm

DUT: H1611; Type: Smart Phone; Serial: SAR2

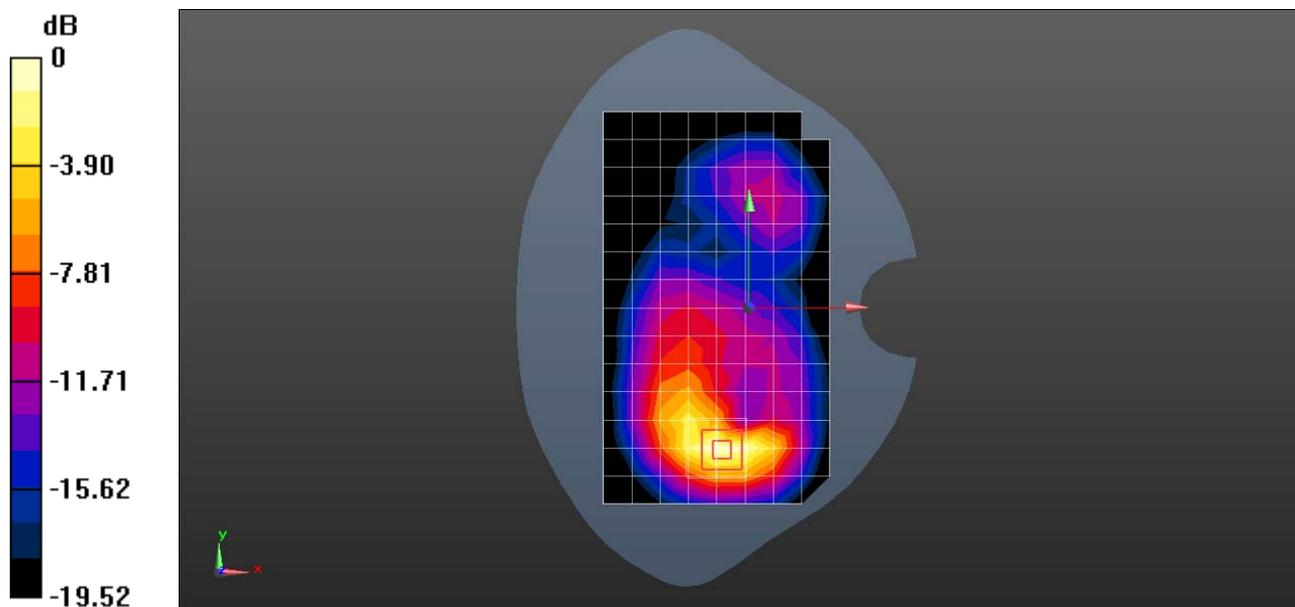
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 51.924$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3744; ConvF(7.45, 7.45, 7.45); Calibrated: 2015-7-24;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌘ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.794 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 5.630 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.272 W/kg
 Maximum value of SAR (measured) = 0.779 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band V 10M QPSK 1RB 0 offset 20600CH Left touch**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 844$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 41.732$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

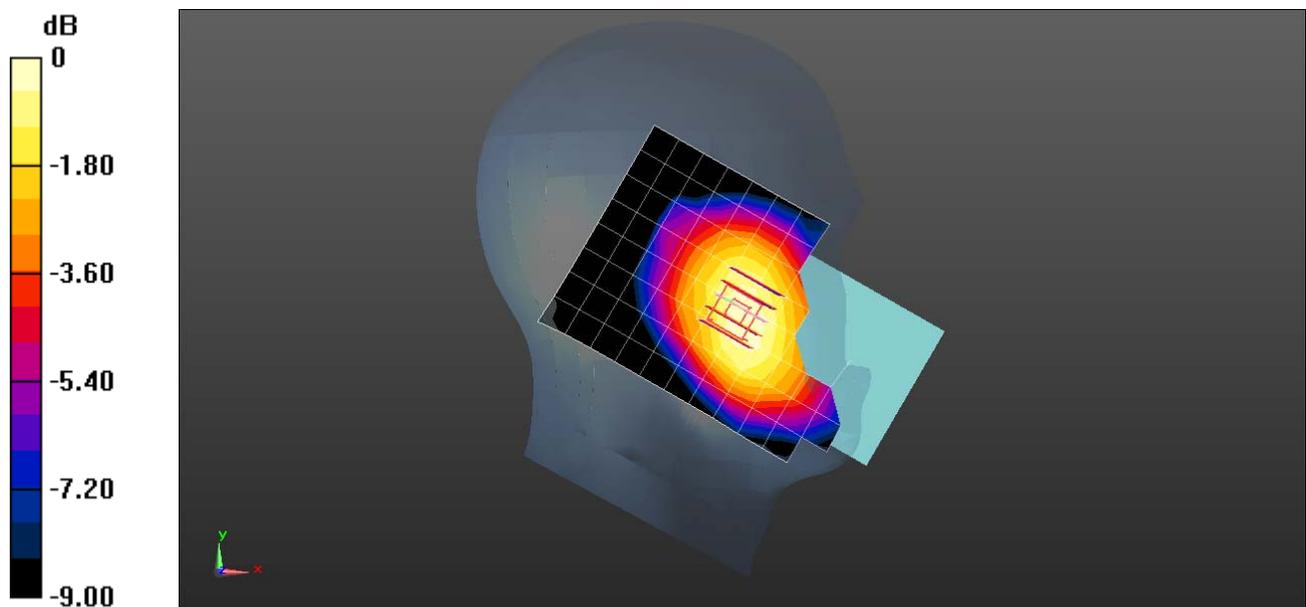
DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3744; ConvF(8.77, 8.77, 8.77); Calibrated: 2015-7-24;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌘ DASY52 52.8.8(1222);

Configuration/Head/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.327 W/kg

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

Reference Value = 6.656 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.206 W/kg
 Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.320 W/kg = -4.94 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band V 10M QPSK 25RB 0 offset 20600CH Front Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 53.417$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2016-4-26;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.304 W/kg

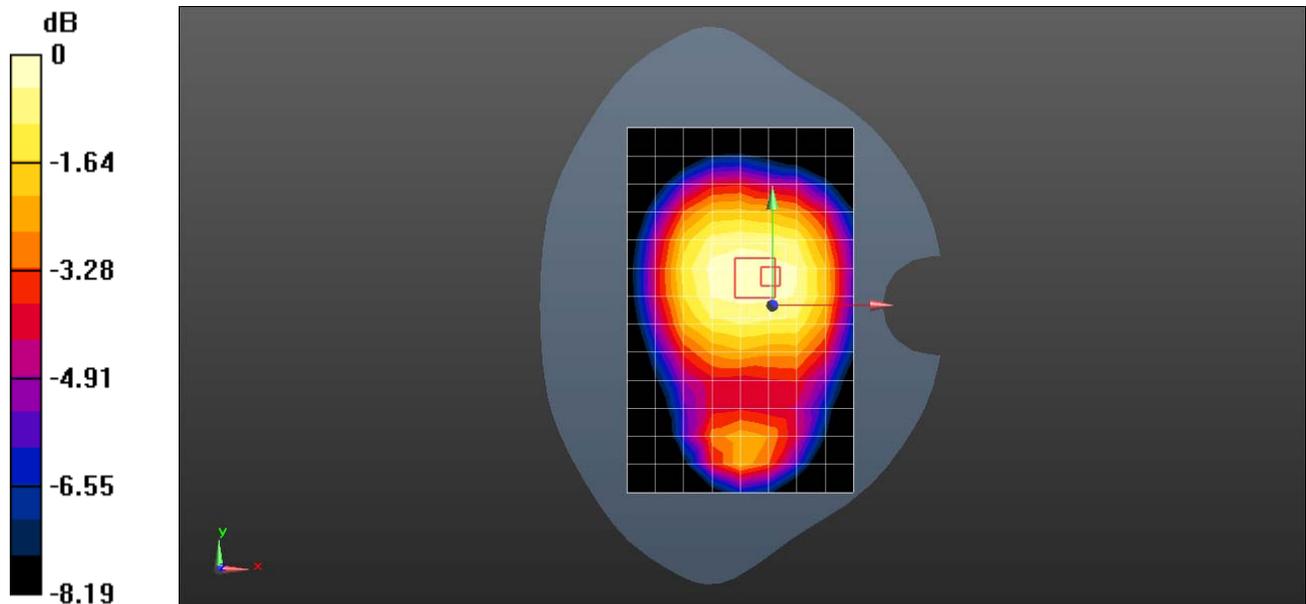
Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.82 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band V 10M QPSK 1RB 25 offset 20525CH Back Side 10mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

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; $\sigma = 0.987$ S/m; $\epsilon_r = 53.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(9.08, 9.08, 9.08); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

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

Info: Interpolated medium parameters used for SAR evaluation.

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

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

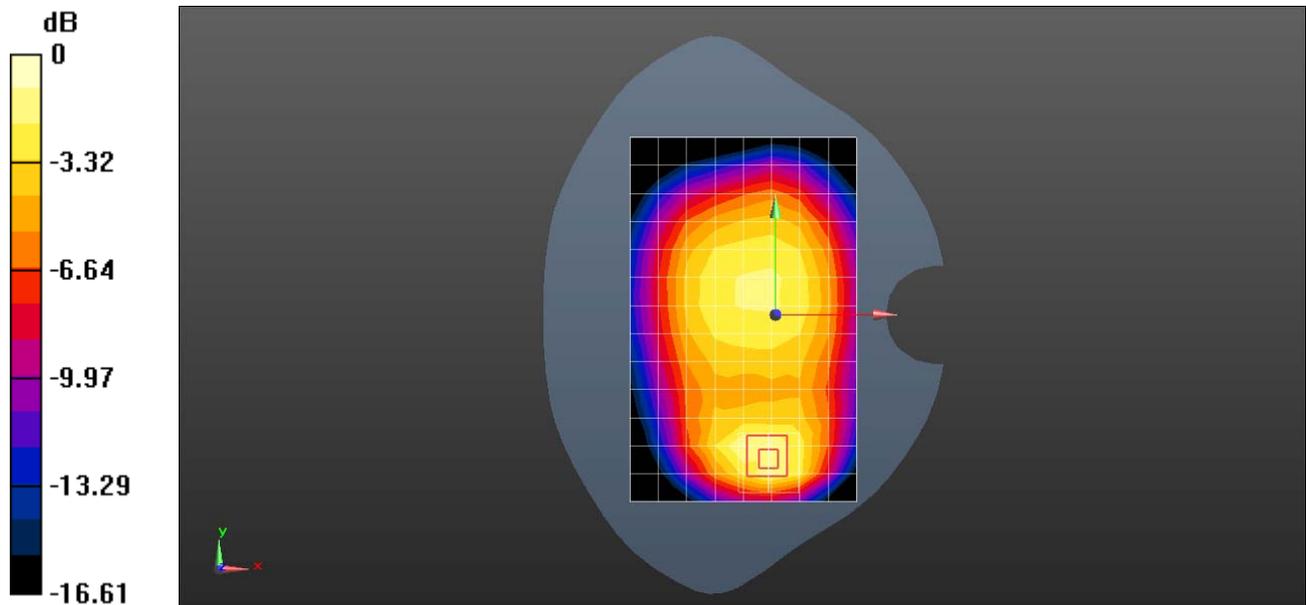
Reference Value = 15.80 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.186 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

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



0 dB = 0.487 W/kg = -3.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band XII 10M QPSK 1RB 25 offset 23060CH Left touch**DUT: H1611; 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: $f = 704$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 43.716$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3744; ConvF(9.44, 9.44, 9.44); Calibrated: 2015-7-24;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌘ DASY52 52.8.8(1222);

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

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

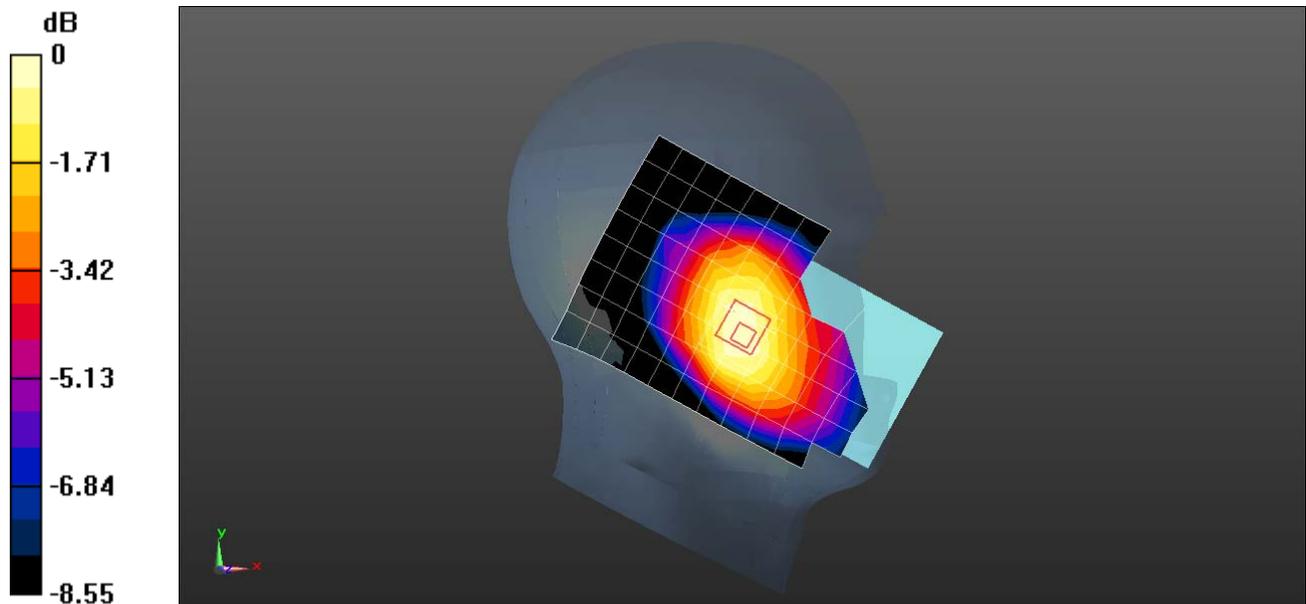
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.822 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.278 W/kg = -5.56 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band XII 10M QPSK 1RB 25 offset 23130CH Back 15mm

DUT: H1611; 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: $f = 704 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 53.987$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3744; ConvF(9.01, 9.01, 9.01); Calibrated: 2015-7-24;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌘ DASY52 52.8.8(1222);

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

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

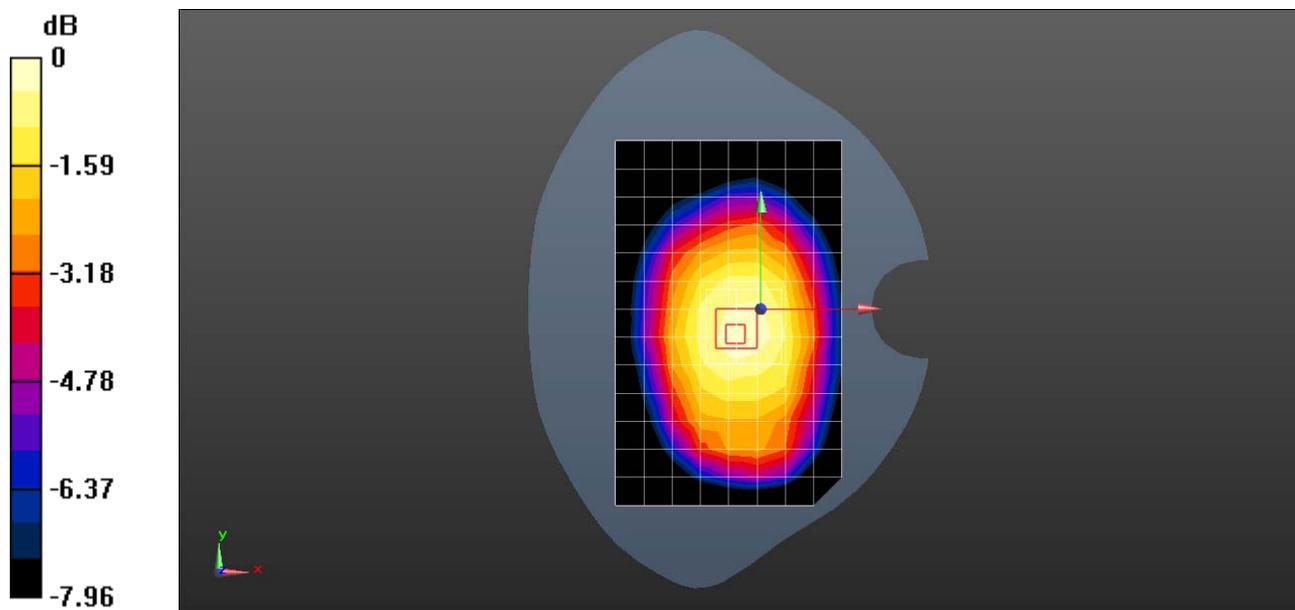
Configuration/Body/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.71 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.302 W/kg ; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.380 W/kg



0 dB = $0.380 \text{ W/kg} = -4.20 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band XII 10M QPSK 1RB 25 offset 23060CH Right Side 10mm**DUT: H1611; 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: $f = 704$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 53.987$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(9.01, 9.01, 9.01); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

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

Maximum value of SAR (measured) = 0.540 W/kg

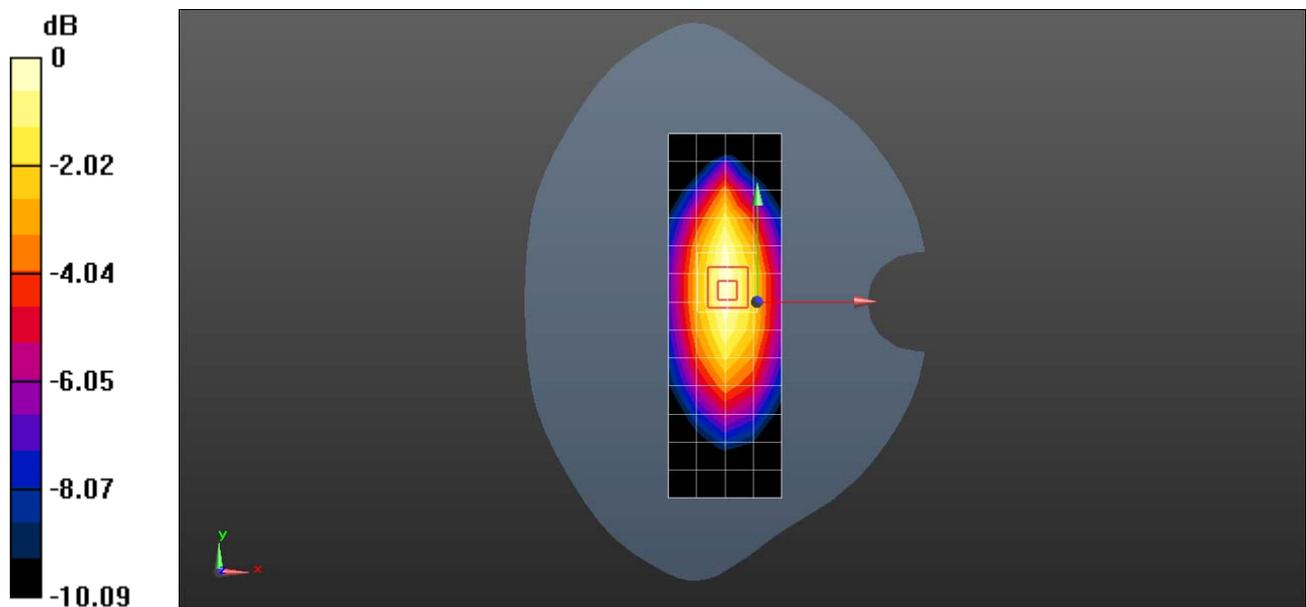
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.22 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band XXX 10M QPSK 1RB 49 offset 27710CH Right touch**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.708$ S/m; $\epsilon_r = 38.255$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.17, 7.17, 7.17); Calibrated: 2016-4-26;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222);

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.101 W/kg

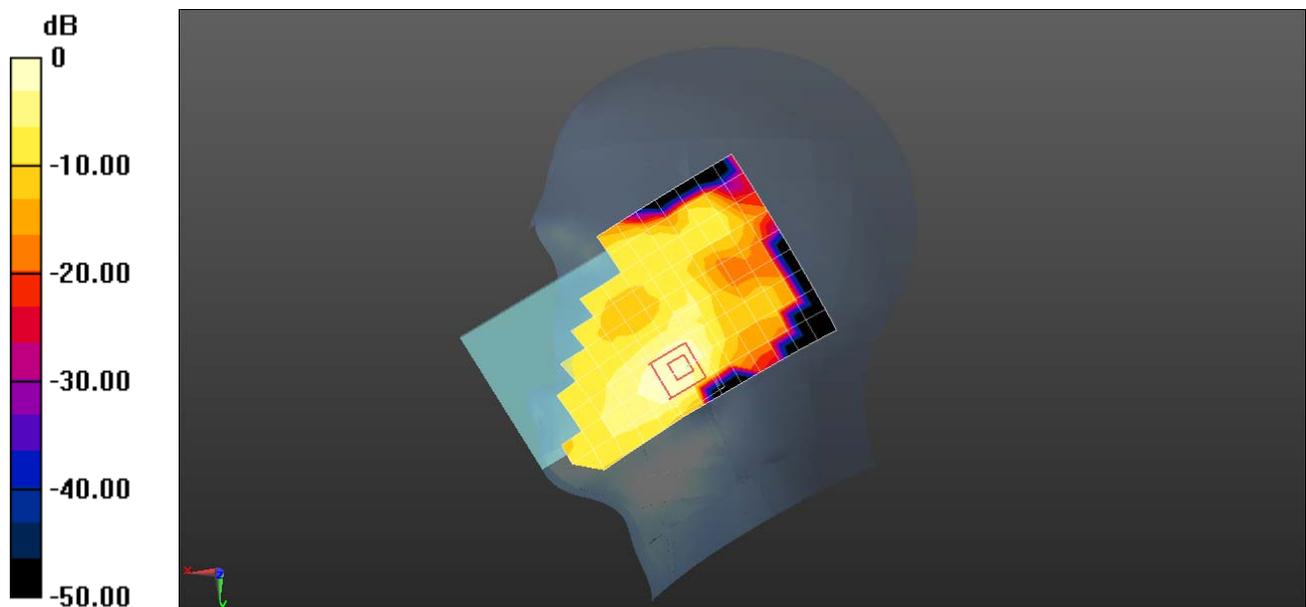
Configuration/Head/Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.022 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band XXX 10M QPSK 1RB 49 offset 27710CH Back Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.858$ S/m; $\epsilon_r = 54.969$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2016-4-26;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌘ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

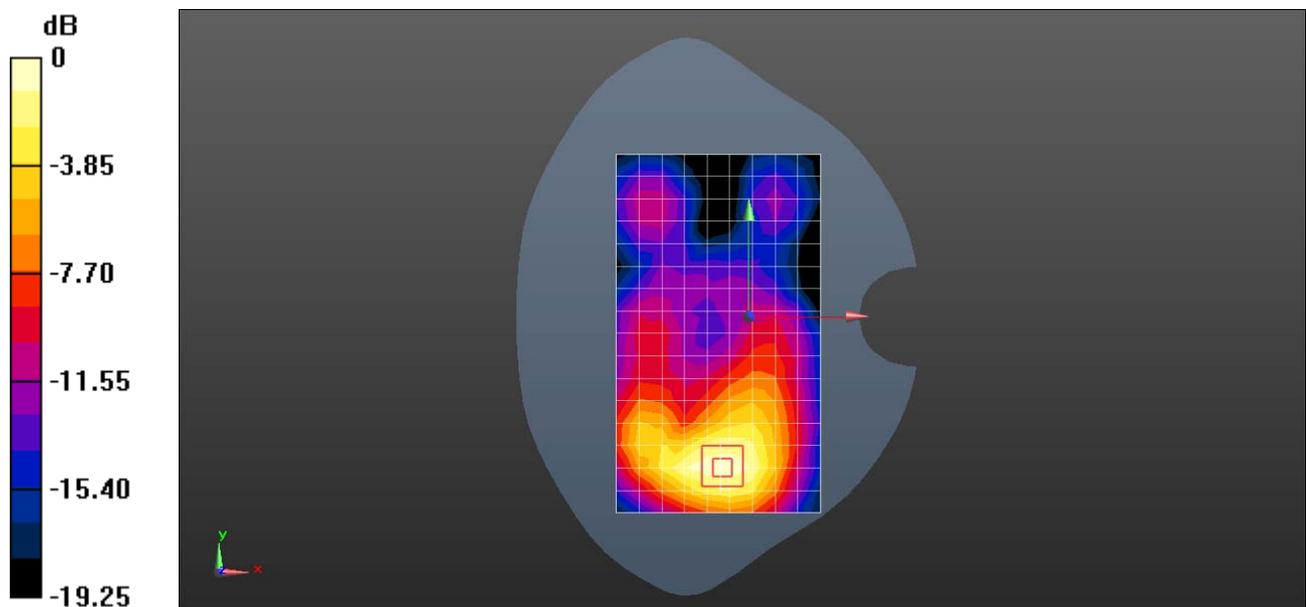
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.709 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.417 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

H1611 LTE Band XXX 10M QPSK 1RB 49 offset 27710CH Bottom Side 10mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.858$ S/m; $\epsilon_r = 54.969$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(7.22, 7.22, 7.22); Calibrated: 2016-4-26;
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ⌘ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.989 W/kg

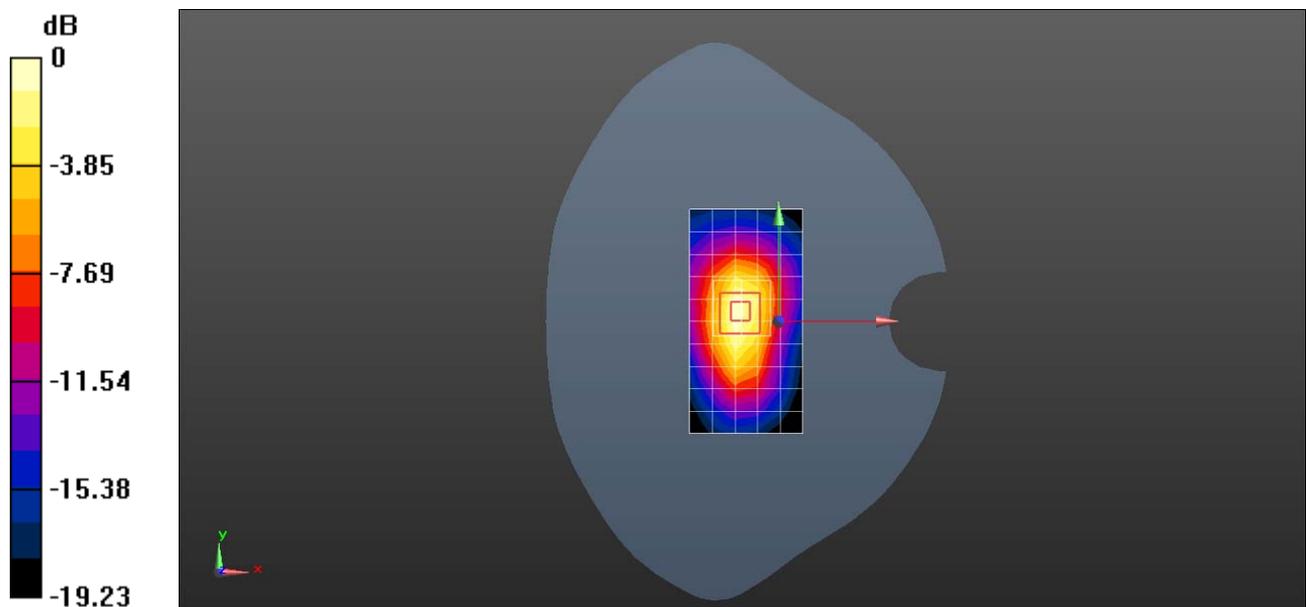
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.36 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 Wifi 2.4G 802.11b 6CH Left tilt**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 40.264$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.84, 6.84, 6.84); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

Configuration/Head/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.10 W/kg

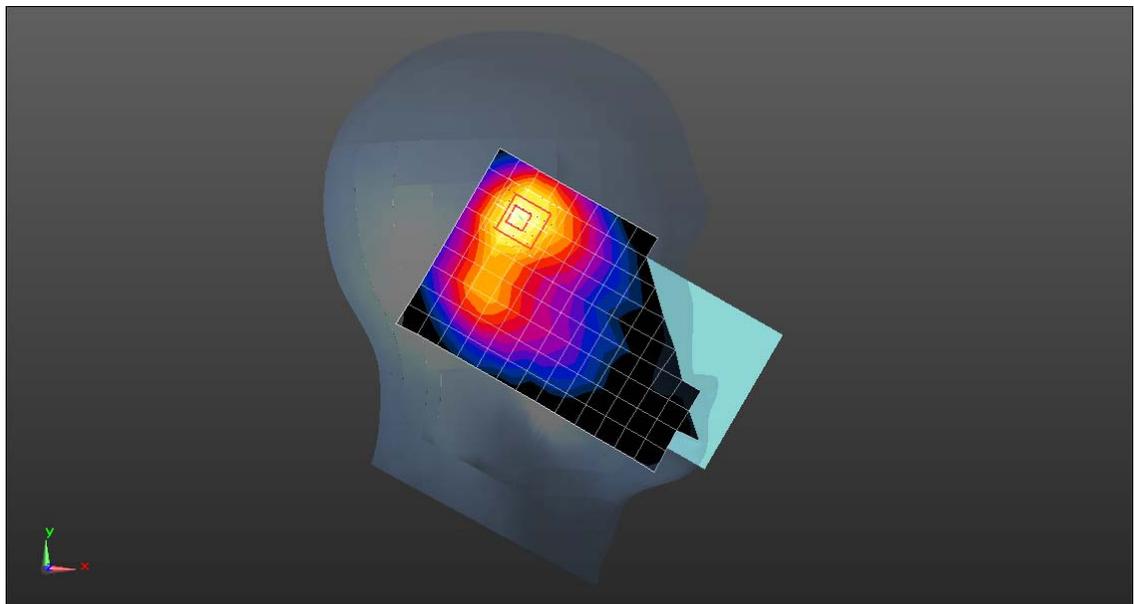
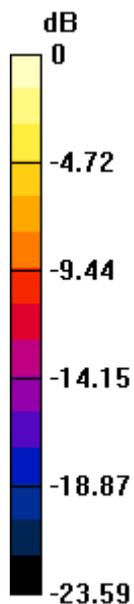
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.879 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 Wifi 2.4G 802.11b 6CH Back Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.995$ S/m; $\epsilon_r = 52.255$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(6.77, 6.77, 6.77); Calibrated: 2015-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222);

Configuration/Body/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.124 W/kg

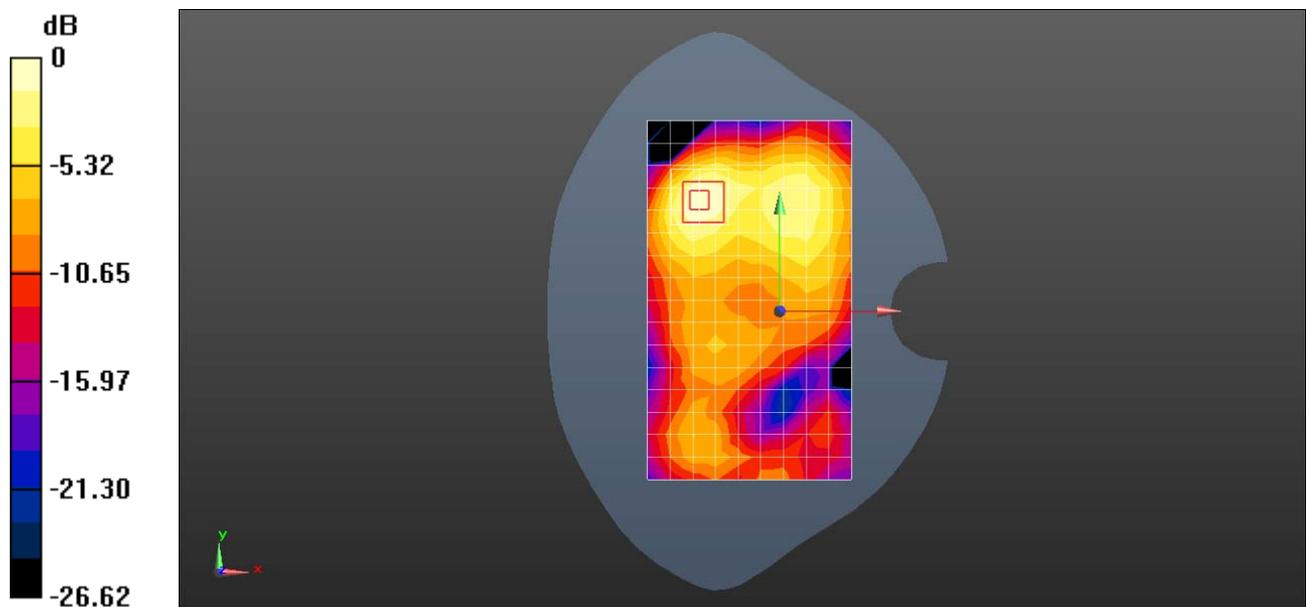
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.294 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.139 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

H1611 Wifi 2.4G 802.11b 6CH Back Side 10mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.995$ S/m; $\epsilon_r = 52.255$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.77, 6.77, 6.77); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.261 W/kg

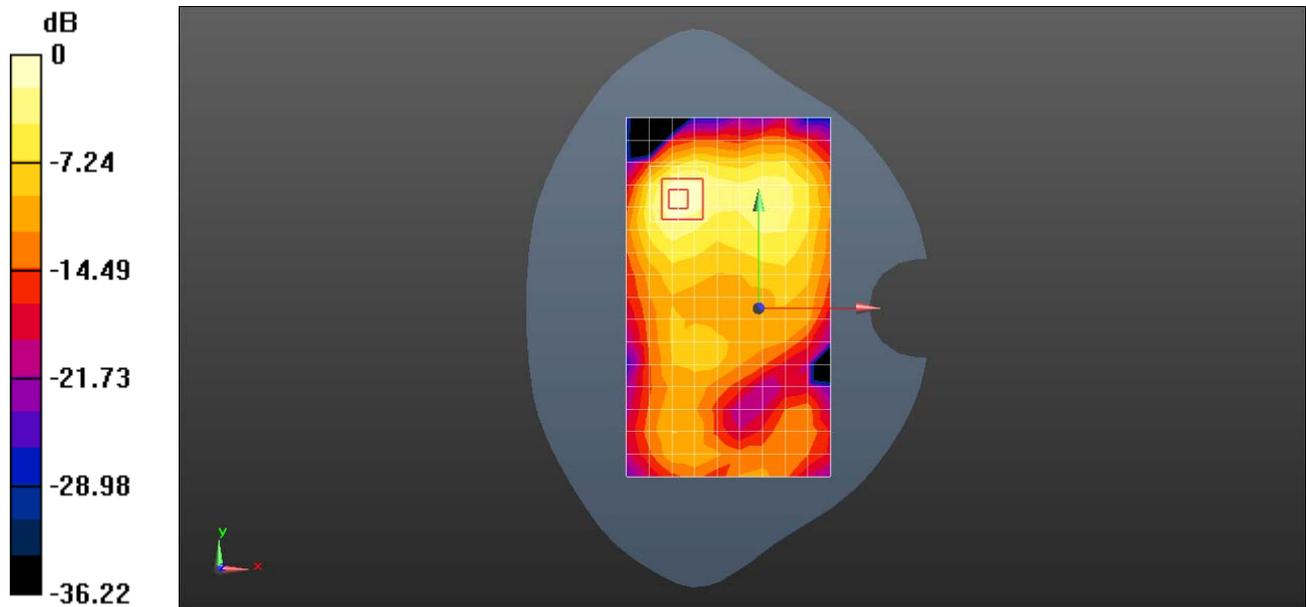
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.822 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg = -5.18 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 Wifi 5G 802.11a 52CH Right touch**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.743$ S/m; $\epsilon_r = 36.409$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.57, 4.57, 4.57); Calibrated: 2016-4-26;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

Configuration/Head/Area Scan (13x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

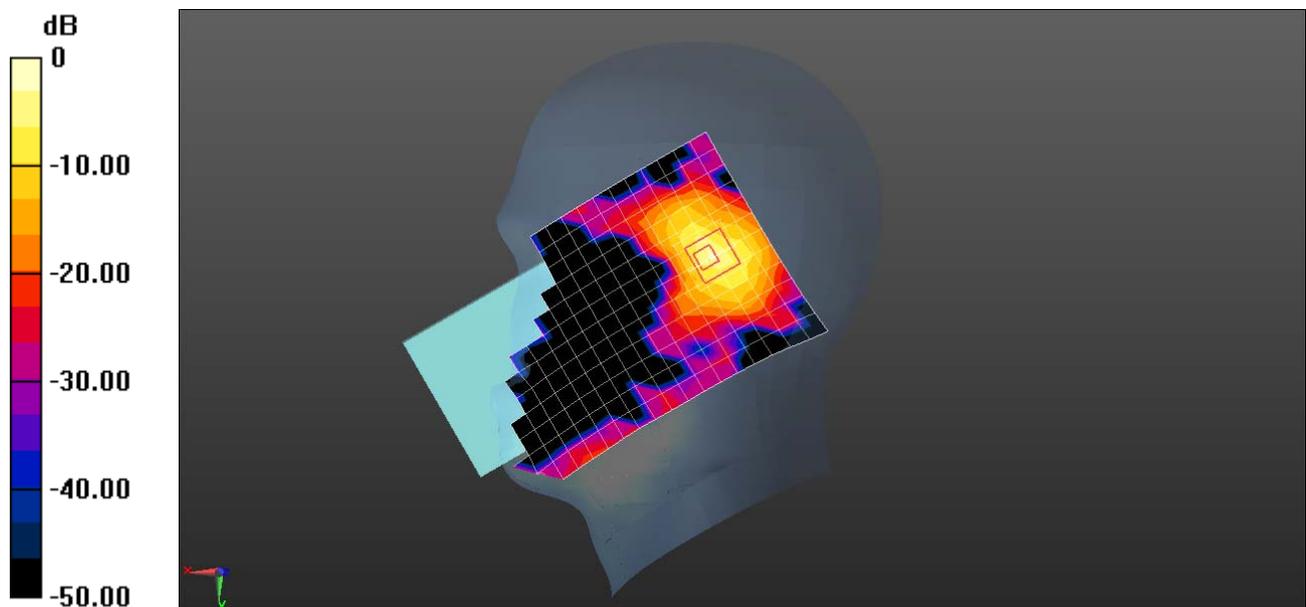
Configuration/Head/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.79 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 3.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 Wifi 5G 802.11a 157CH Back Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785$ MHz; $\sigma = 6.187$ S/m; $\epsilon_r = 48.514$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(3.6, 3.6, 3.6); Calibrated: 2016-4-26;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222);

Configuration/Body/Area Scan (12x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.315 W/kg

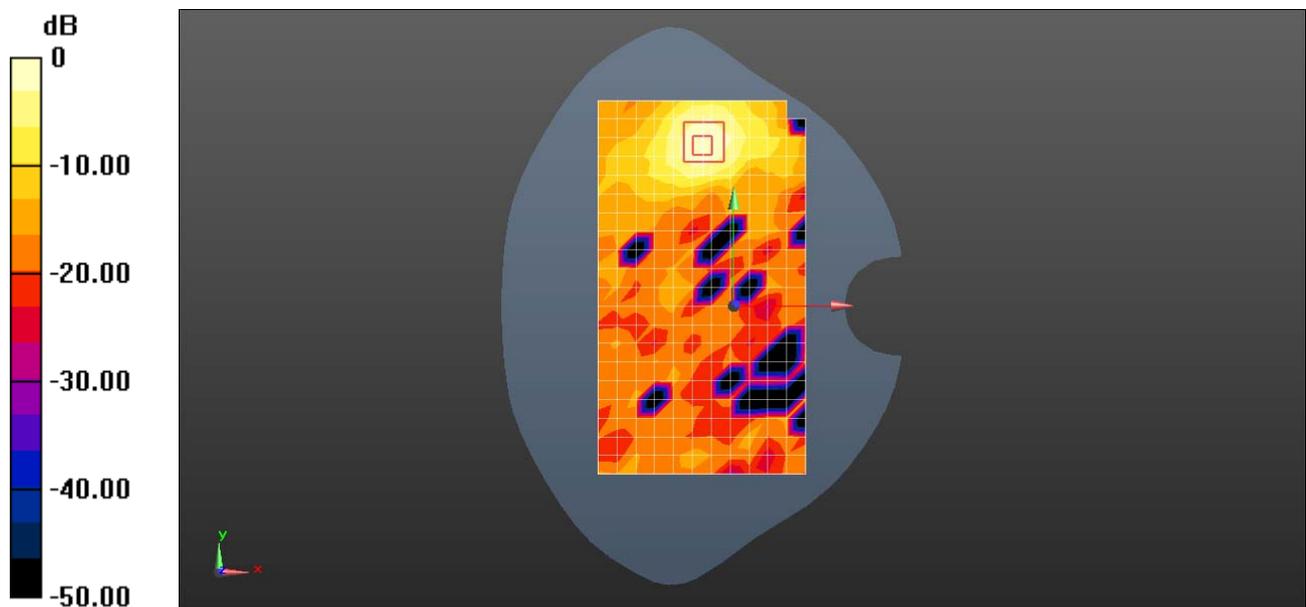
Configuration/Body/Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0.7350 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.384 W/kg



0 dB = 0.384 W/kg = -4.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 Wifi 5G 802.11a 128CH Top Side 0mm

DUT: H1611; Type: Smart Phone; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5640 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5640$ MHz; $\sigma = 5.989$ S/m; $\epsilon_r = 47.836$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(3.48, 3.48, 3.48); Calibrated: 2016-4-26;
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ⌵ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ⌵ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ⌵ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (7x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 3.14 W/kg

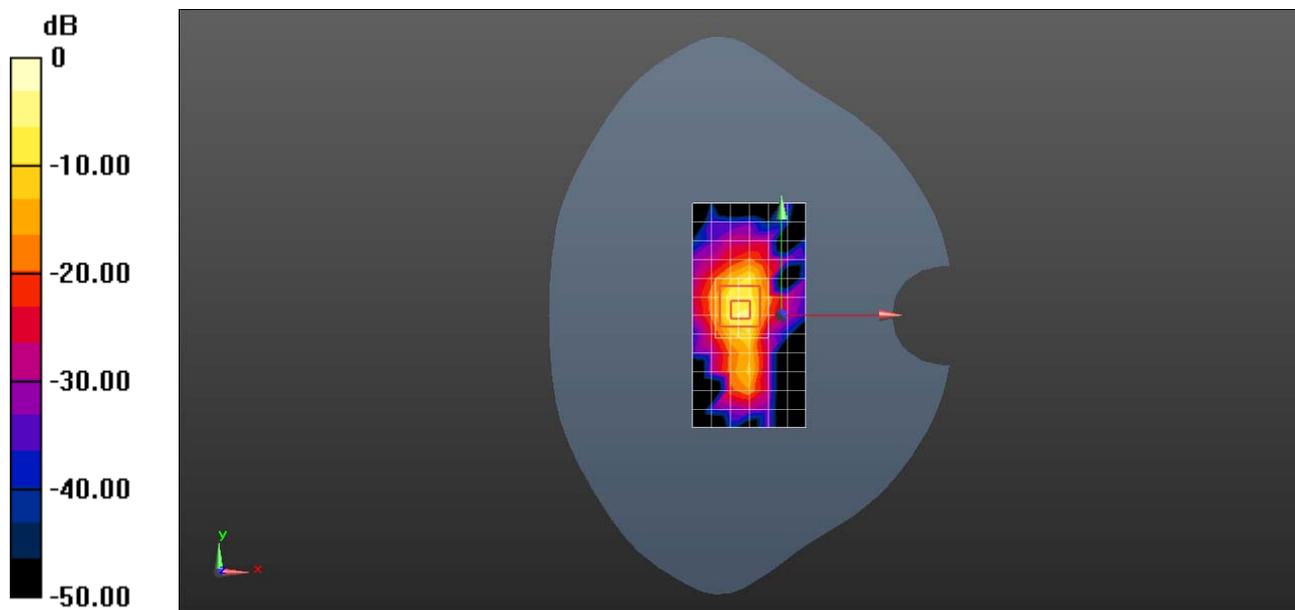
Configuration/Body/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.25 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 25.0 W/kg

SAR(1 g) = 3.31 W/kg; SAR(10 g) = 0.604 W/kg

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

H1611 BT 39CH Front Side 15mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 54.067$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN7351; ConvF(7.55, 7.55, 7.55); Calibrated: 2015-10-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (10x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0133 W/kg

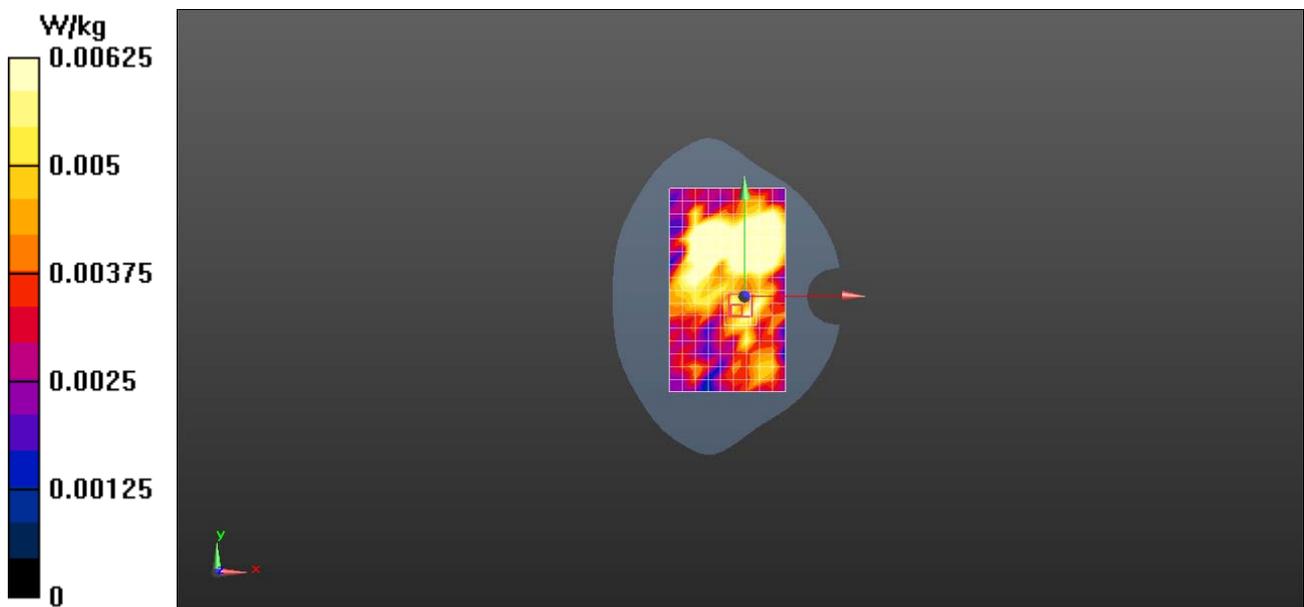
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.244 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.00930 W/kg

SAR(1 g) = 0.00426 W/kg; SAR(10 g) = 0.00269 W/kg

Maximum value of SAR (measured) = 0.00625 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

H1611 BT 39CH Top Side 0mm**DUT: H1611; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 54.067$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN7351; ConvF(7.55, 7.55, 7.55); Calibrated: 2015-10-30;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (6x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.162 W/kg

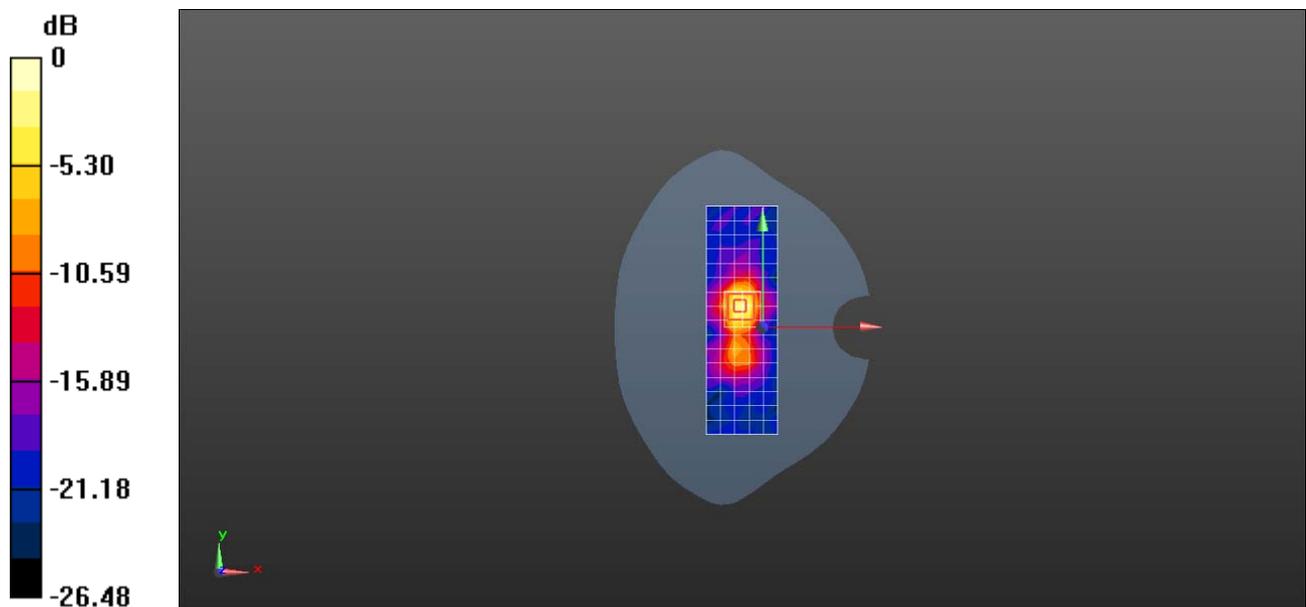
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.690 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg