

**Appendix B SAR Measurement Plots**

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Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM850 128CH Right Touch with Battery2-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.447$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.98, 8.98, 8.98); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 1.21 W/kg

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

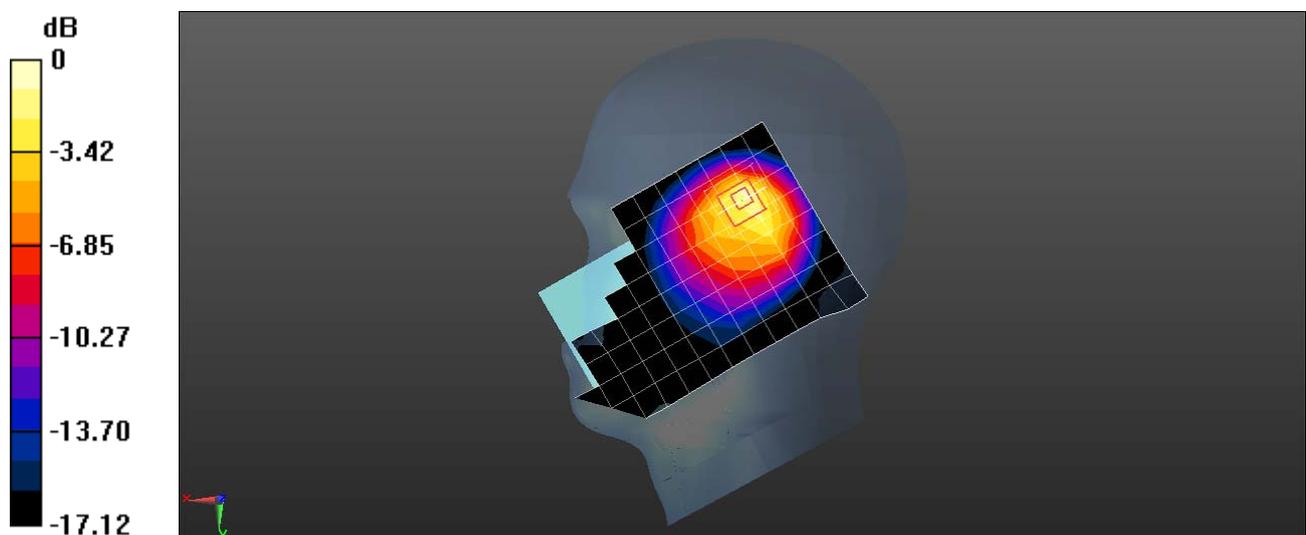
Reference Value = 21.66 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.397 W/kg**

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

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM850 GPRS 2TS 190CH Back Side 10mm with Battery2-Second Antenna

**DUT: BND-L24; 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;  $\sigma = 0.972$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

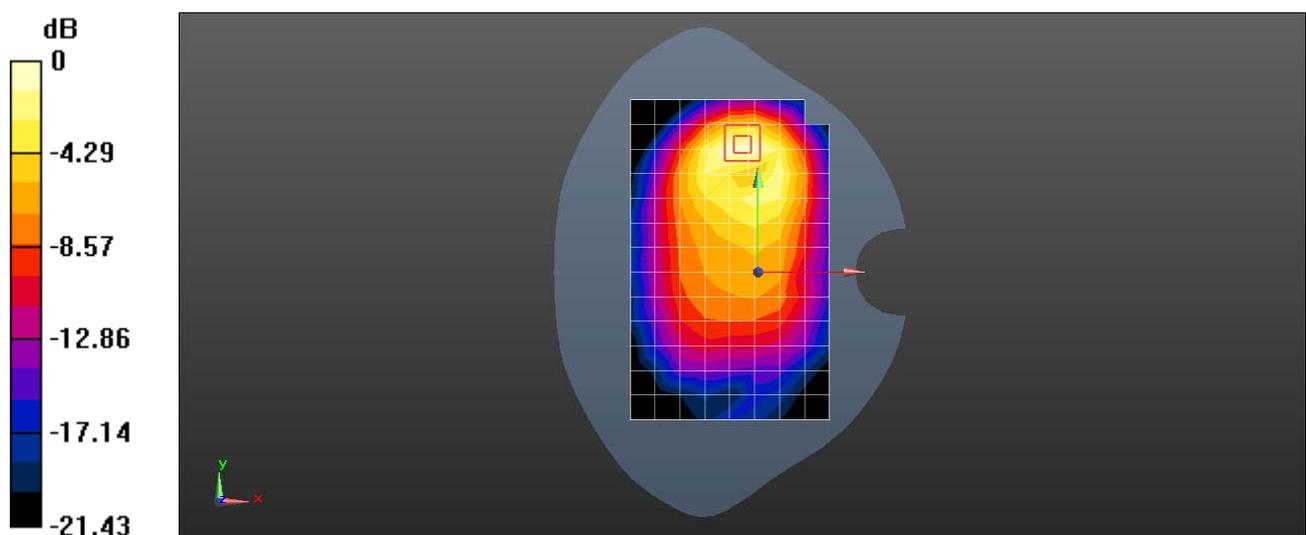
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.629 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.416 W/kg

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

Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**BND-L24 GSM850 190CH Back Side 15mm with Battery2-Second Antenna**

**DUT: BND-L24; 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:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.972 \text{ S/m}$ ;  $\epsilon_r = 53.648$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.433 W/kg

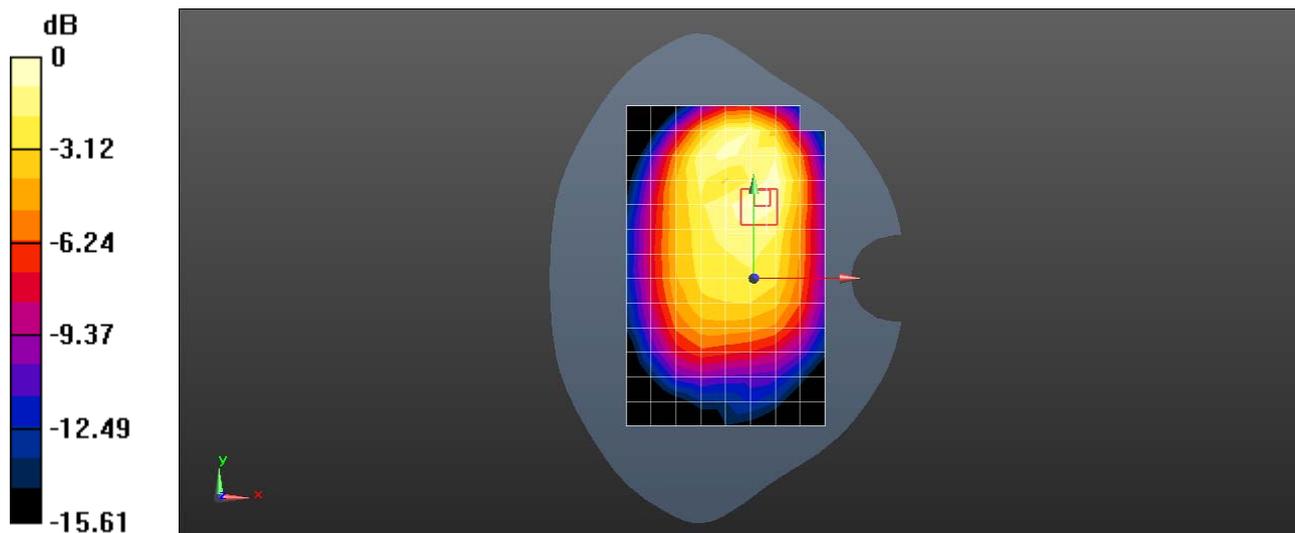
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 17.51 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.497 W/kg

**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.259 W/kg**

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



0 dB = 0.454 W/kg = -3.43 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### BND-L24 GSM1900 661CH Right touch-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 39.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.94, 7.94, 7.94); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.401 W/kg

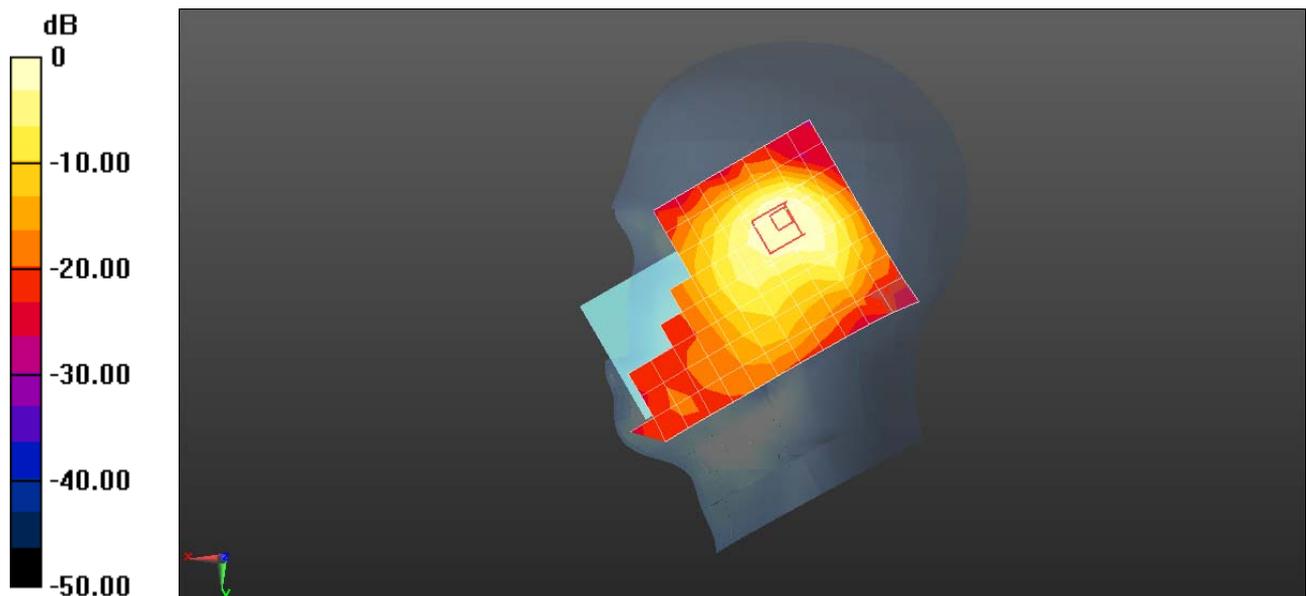
**Configuration/Head/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.48 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.630 W/kg

**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.171 W/kg**

Maximum value of SAR (measured) = 0.475 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 GSM1900 GPRS 2TS 661CH Top Side 10mm with Battery2-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 51.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.0341 W/kg

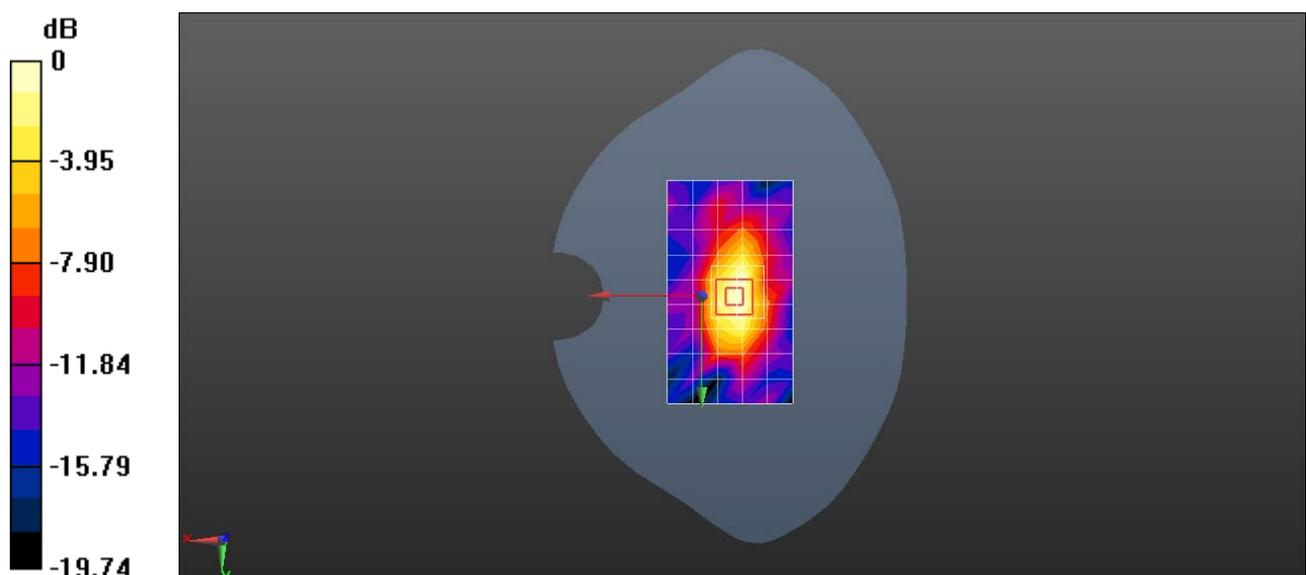
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.546 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0540 W/kg

**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0435 W/kg



0 dB = 0.0341 W/kg = -14.67 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM1900 661CH Back Side 15mm with Battery3-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 51.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.0364 W/kg

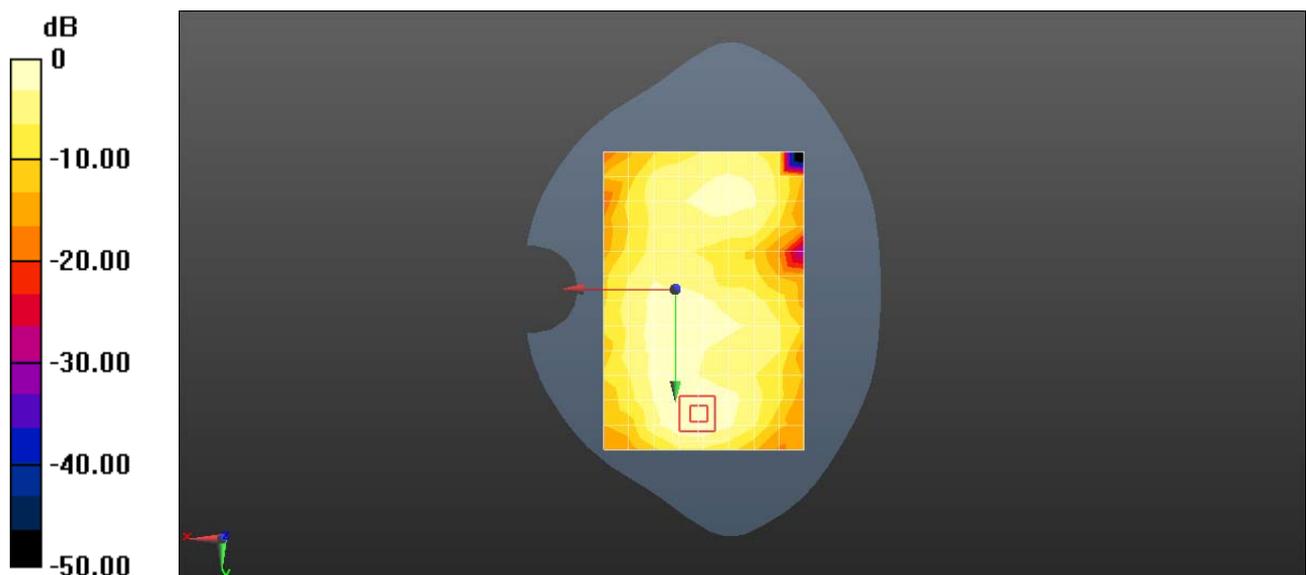
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.375 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0570 W/kg

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.0474 W/kg



0 dB = 0.0364 W/kg = -14.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band II 9538CH Right Touch with Battery3-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 39.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.94, 7.94, 7.94); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.798 W/kg

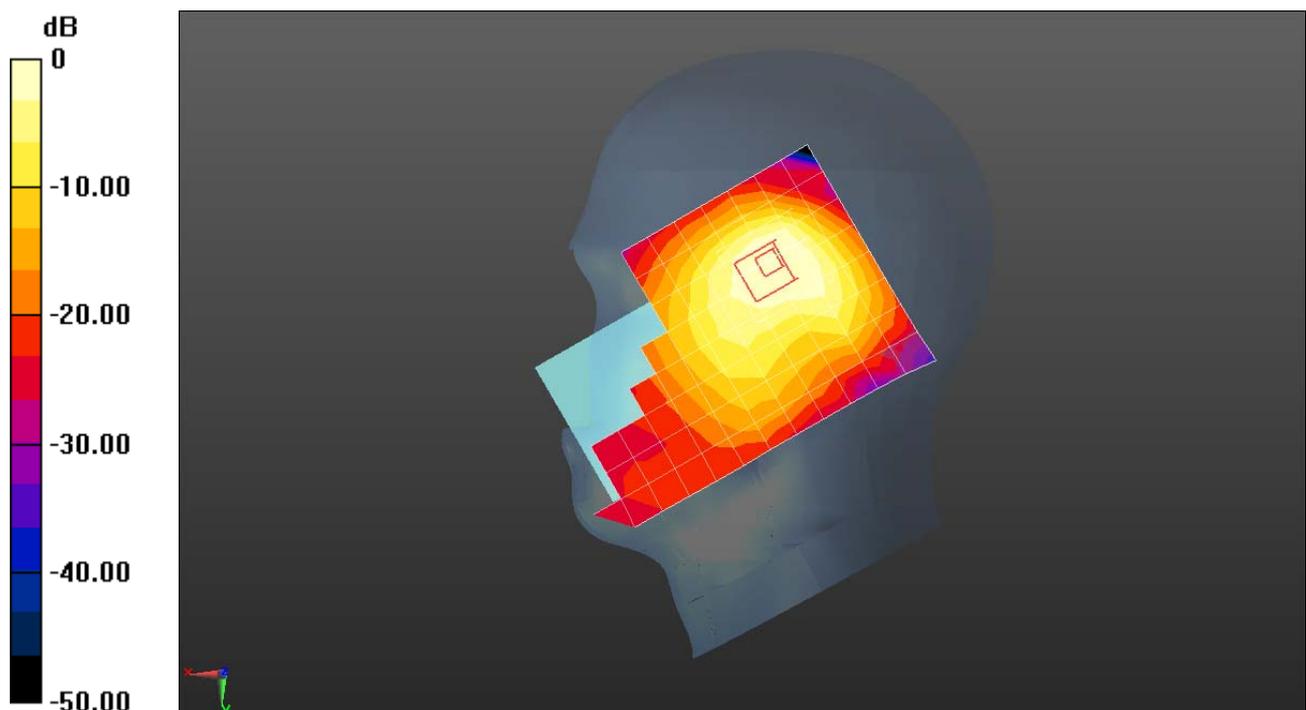
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.96 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 0.913 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band II 9400CH Back Side 10mm-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 51.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.110 W/kg

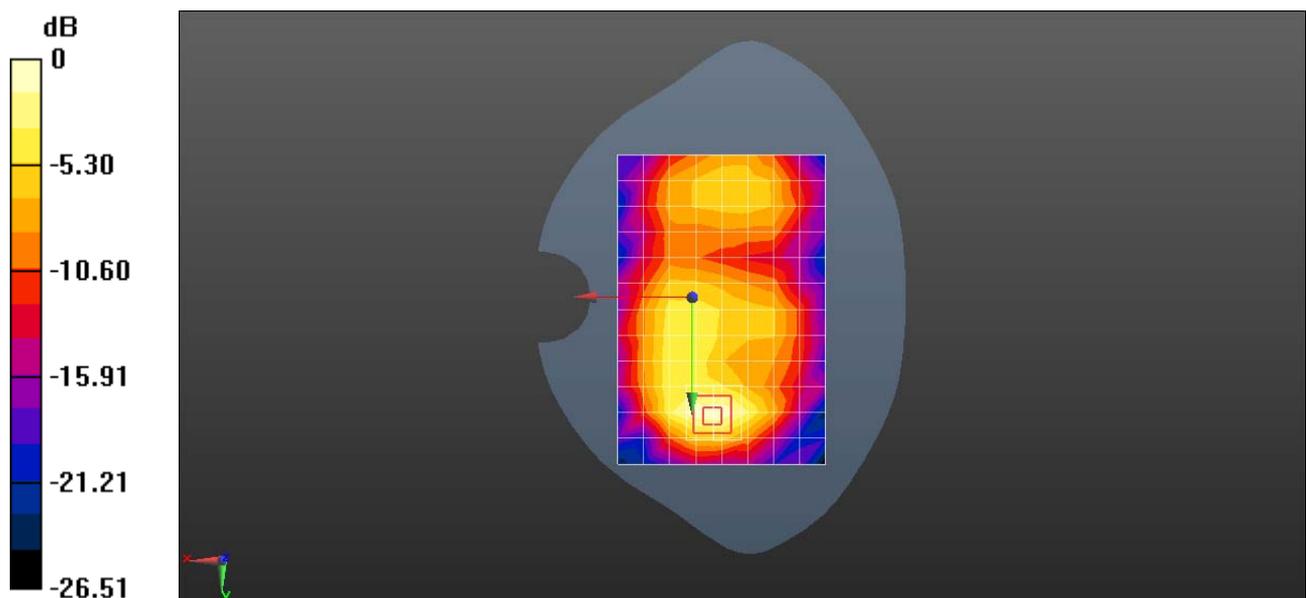
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.349 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### BND-L24 UMTS Band II 9538CH Back Side 15mm with Battery2-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.475 \text{ S/m}$ ;  $\epsilon_r = 51.263$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.0899 W/kg

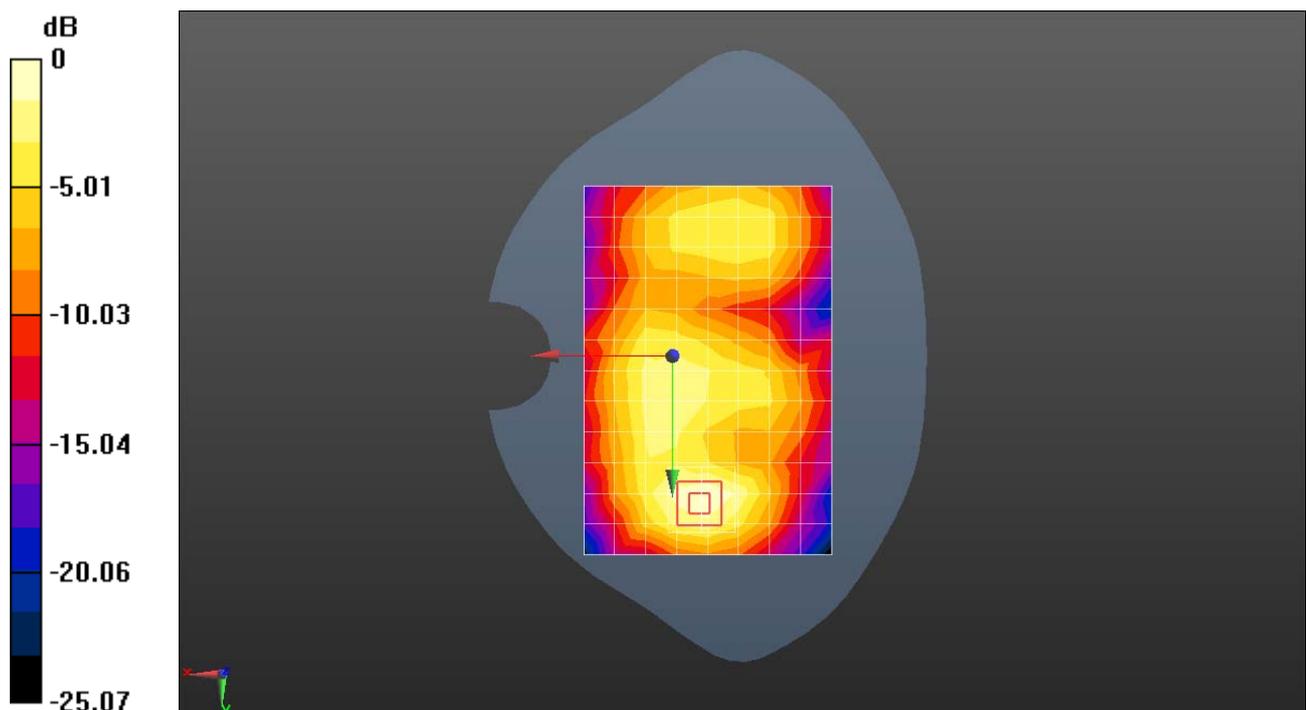
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.117 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.0987 W/kg



0 dB = 0.0899 W/kg = -10.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 UMTS Band IV 1413CH Right Touch with Battery2-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 38.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.32, 8.32, 8.32); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

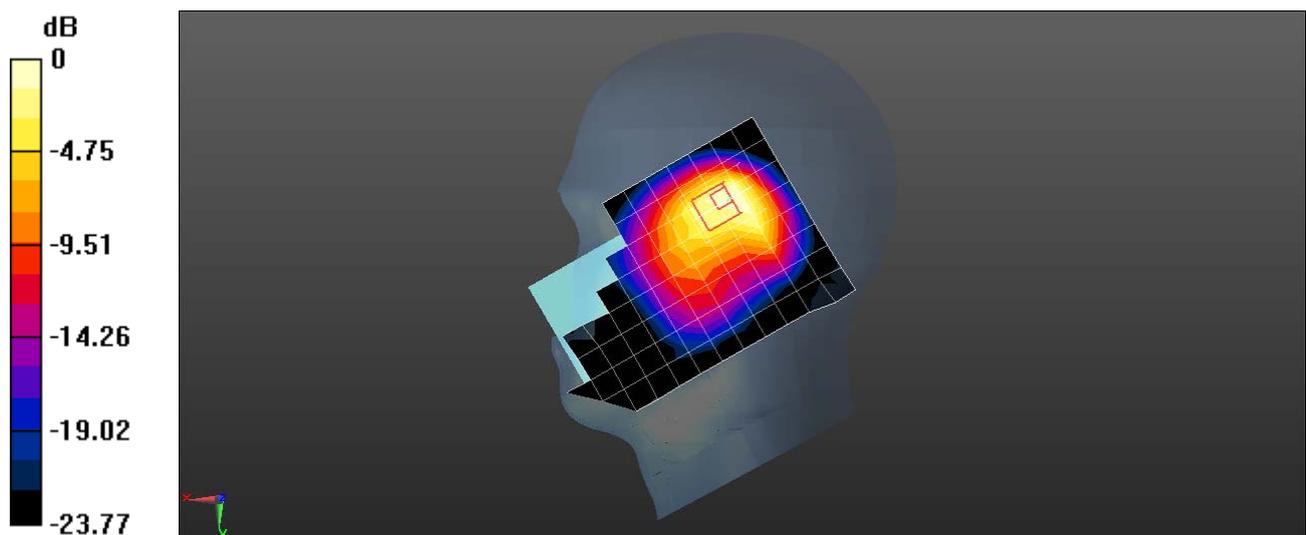
**Configuration/Head/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 20.04 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.467 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**BND-L24 UMTS Band IV 1413CH Top Side 10mm-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 53.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.93, 7.93, 7.93); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.307 W/kg

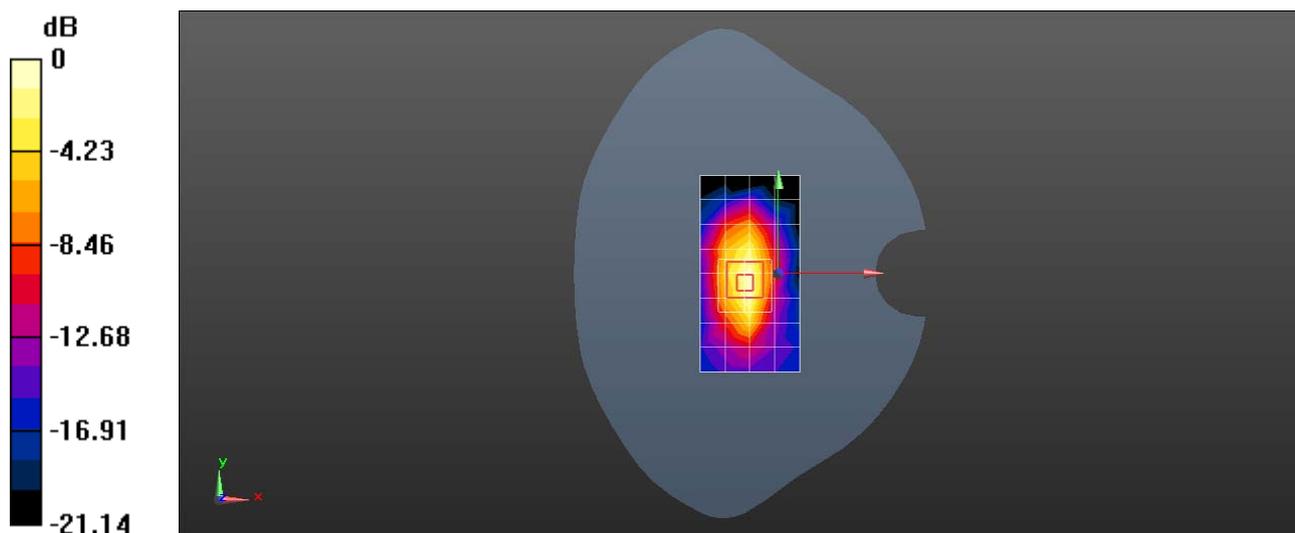
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.45 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.418 W/kg

**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.121 W/kg**

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band IV 1413CH Back Side 15mm-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 53.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.93, 7.93, 7.93); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

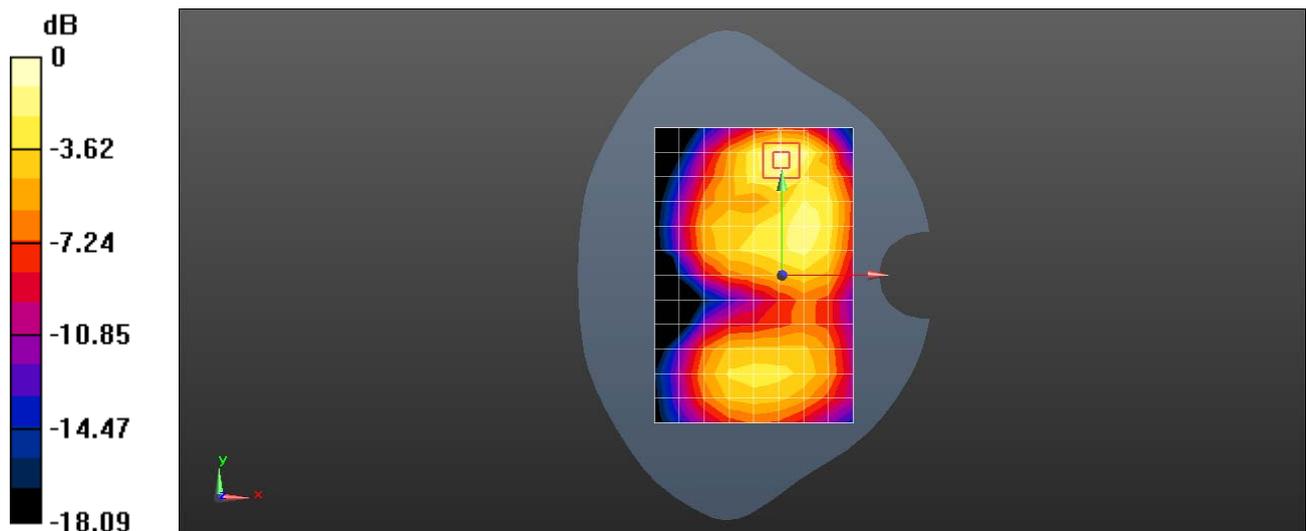
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.031 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.263 W/kg

**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.084 W/kg**

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



0 dB = 0.216 W/kg = -6.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band V 4132CH Right Touch with Battery3-Second Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 41.375$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.98, 8.98, 8.98); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

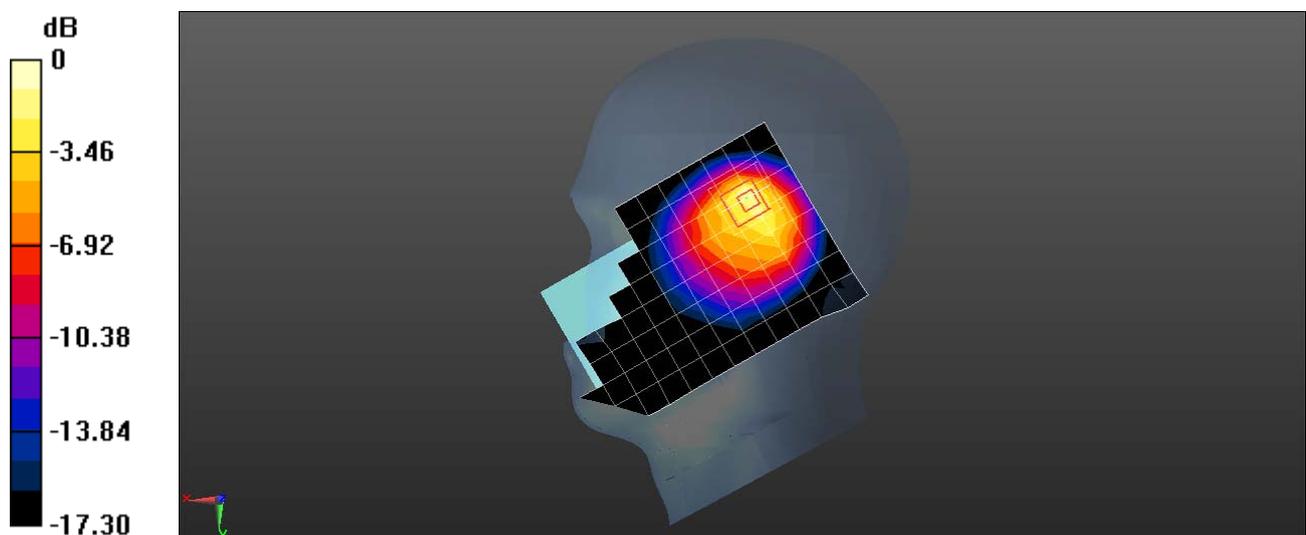
Reference Value = 18.99 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.330 W/kg**

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

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



0 dB = 1.19 W/kg = 0.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band V 4182CH Back Side 10mm-Second Antenna

**DUT: BND-L24; 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;  $\sigma = 0.972$  S/m;  $\epsilon_r = 53.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.224 W/kg

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

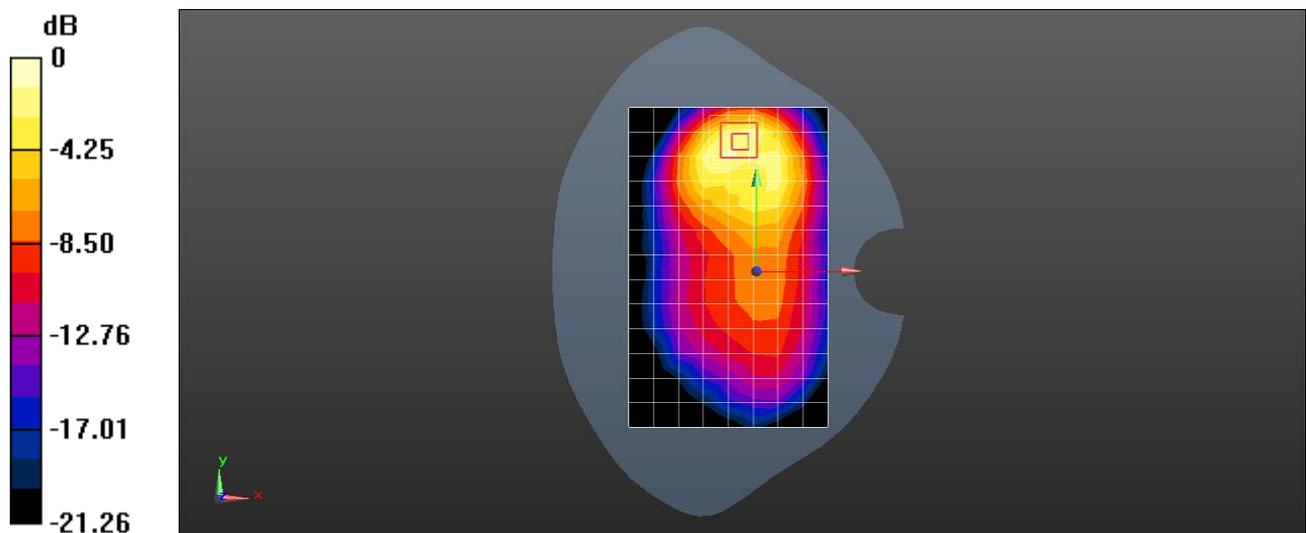
Reference Value = 6.662 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.352 W/kg

**SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.106 W/kg**

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

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band V 4182CH Back Side 15mm with Battery2-Second Antenna

**DUT: BND-L24; 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;  $\sigma = 0.972$  S/m;  $\epsilon_r = 53.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.367 W/kg

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

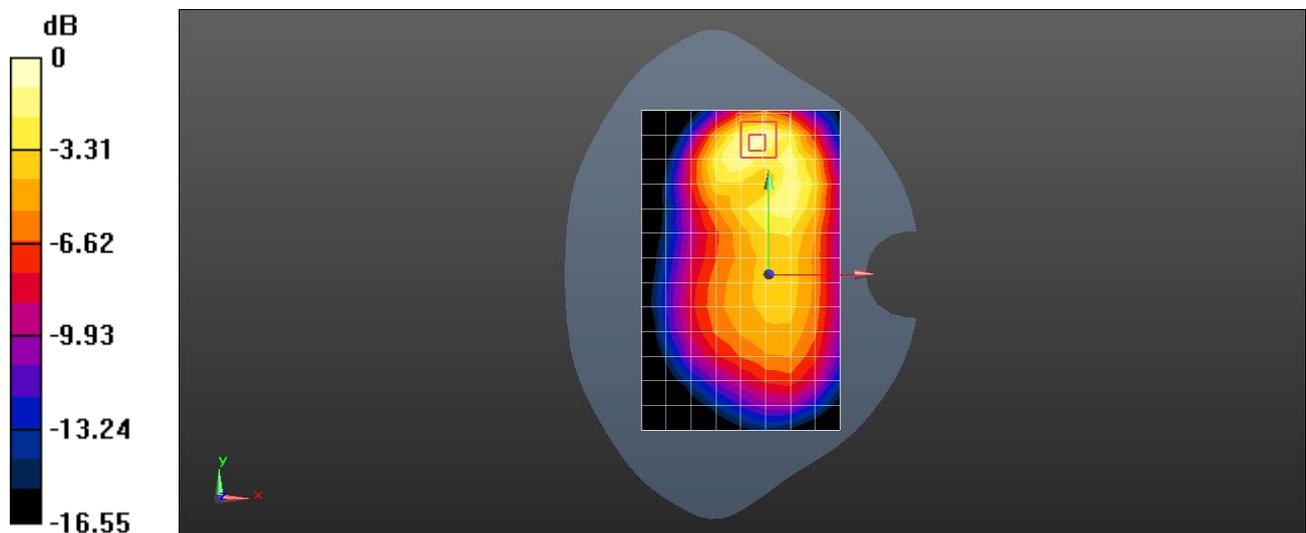
Reference Value = 12.65 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.514 W/kg

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.184 W/kg**

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

Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band II 20M QPSK 50%RB 0 Offset 19100CH Right Touch-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.436$  S/m;  $\epsilon_r = 38.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.94, 7.94, 7.94); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.858 W/kg

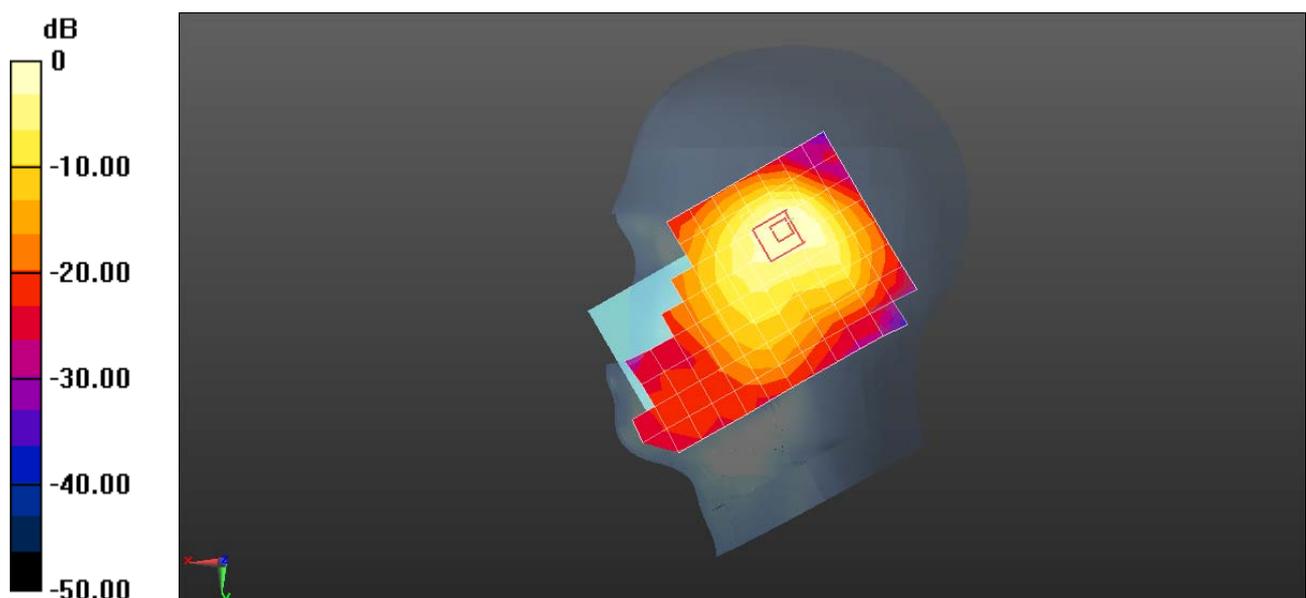
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.37 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.349 W/kg**

Maximum value of SAR (measured) = 0.907 W/kg



0 dB = 0.858 W/kg = -0.67 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band II 20M QPSK 1RB 50 Offset 18700CH Back Side 10mm with Battery3-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.44$  S/m;  $\epsilon_r = 51.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.126 W/kg

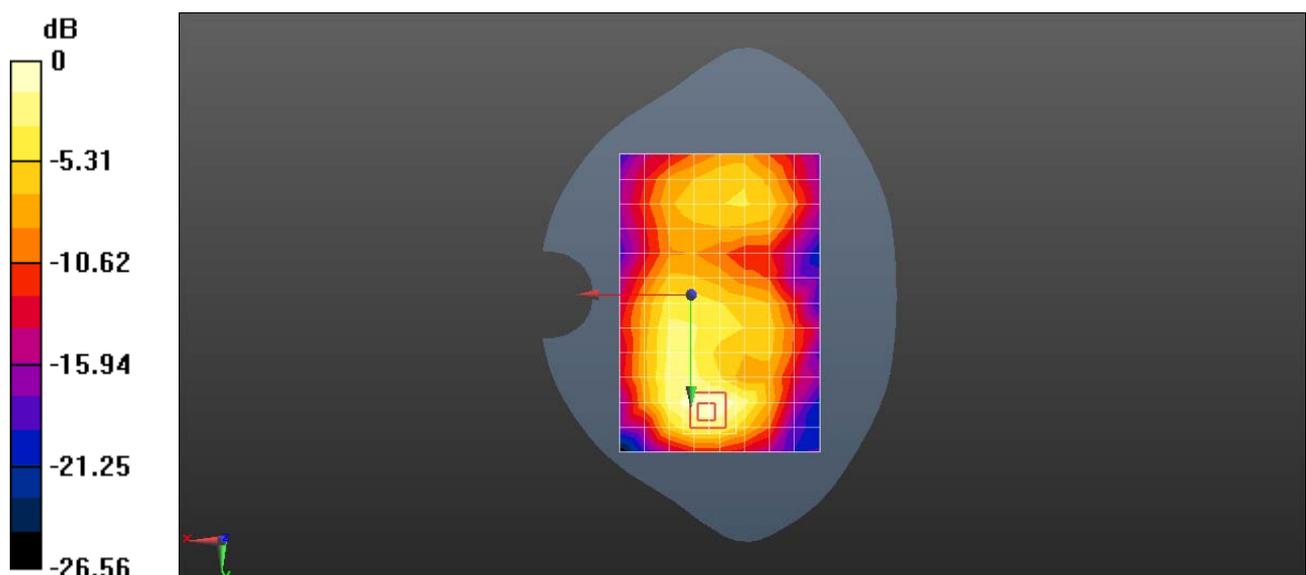
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.906 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.051 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band II 20M QPSK 1RB 50 Offset 18700CH Back Side 15mm -Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.44$  S/m;  $\epsilon_r = 51.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.206 W/kg

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

Reference Value = 8.201 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.267 W/kg

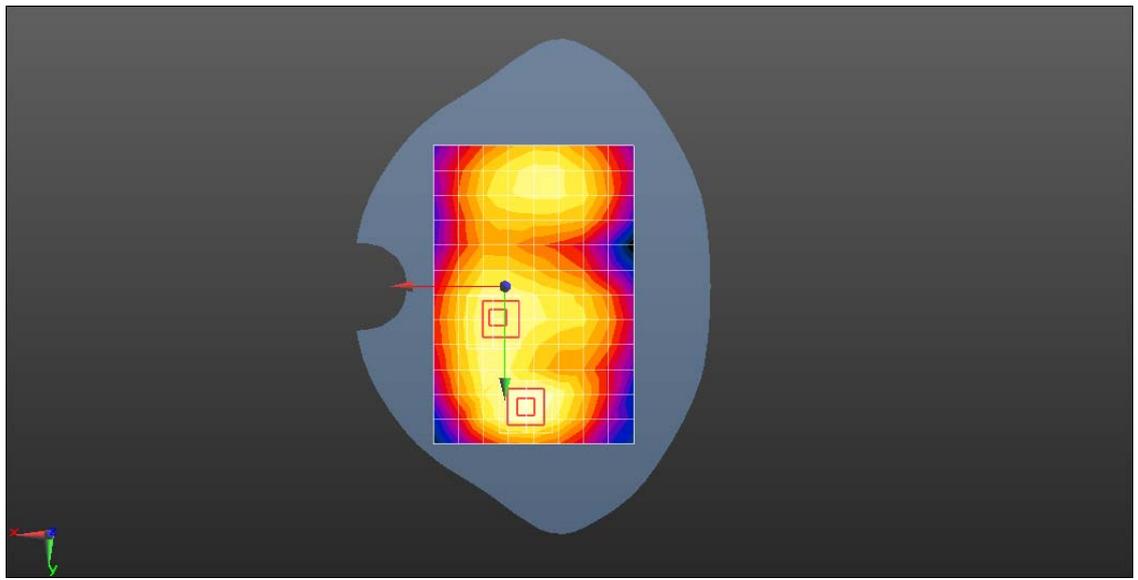
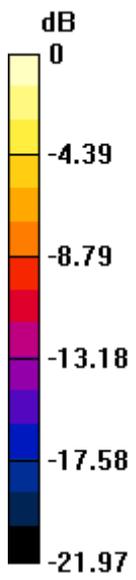
**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.201 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.182 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.077 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band IV 20M QPSK 50%RB 50 Offset 20300CH Right Touch with Battery2-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.354$  S/m;  $\epsilon_r = 39.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(8.37, 8.37, 8.37); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.939 W/kg

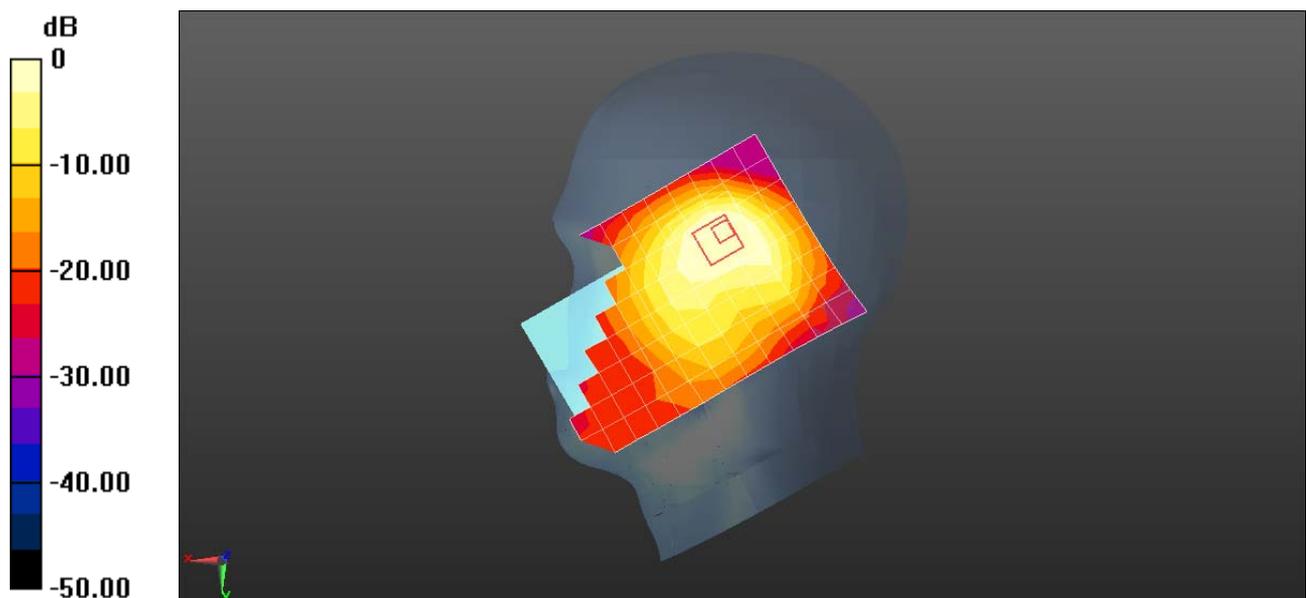
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.50 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 0.939 W/kg = -0.27 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band IV 20M QPSK 1RB 50 Offset 20050CH Back Side 10mm with Battery2-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.491$  S/m;  $\epsilon_r = 52.842$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(8.08, 8.08, 8.08); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

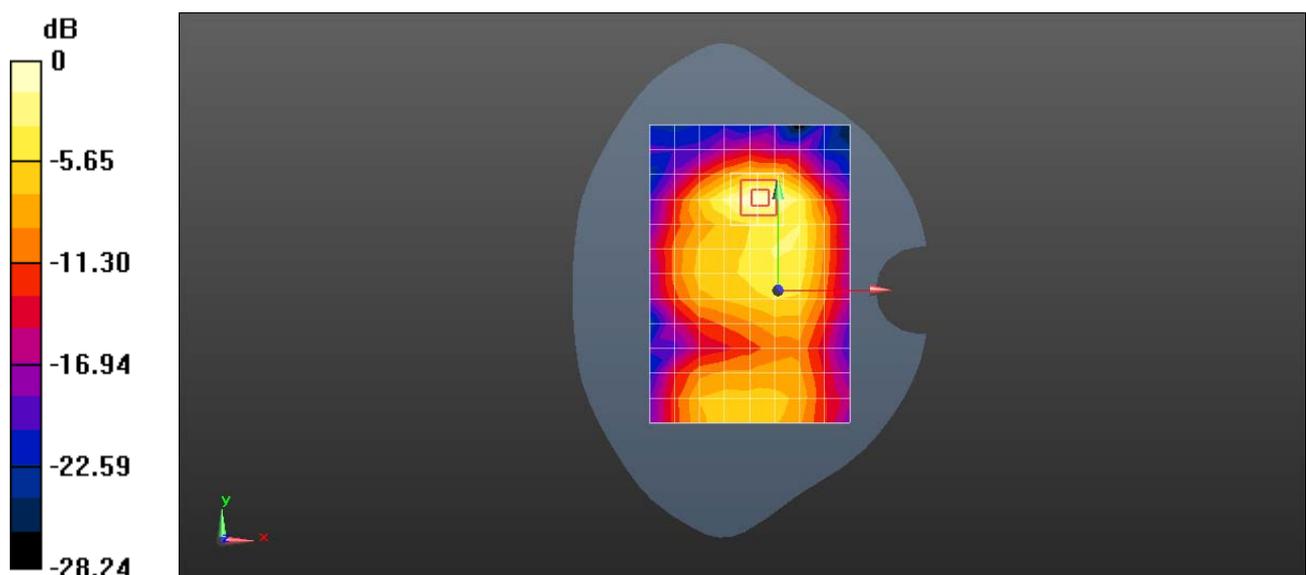
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.671 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.080 W/kg**

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



0 dB = 0.238 W/kg = -6.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**BND-L24 LTE Band IV 20M QPSK 1RB 50 Offset 20050CH Back Side 15mm with Battery2-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.491$  S/m;  $\epsilon_r = 52.842$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(8.08, 8.08, 8.08); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.340 W/kg

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

Reference Value = 10.73 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.428 W/kg

**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.130 W/kg**

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

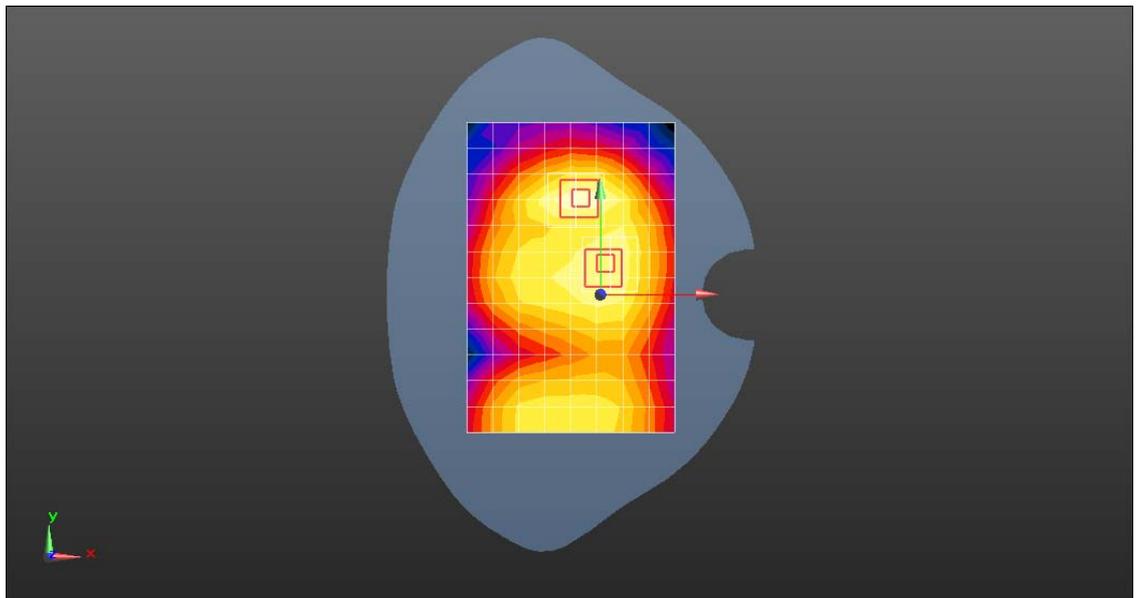
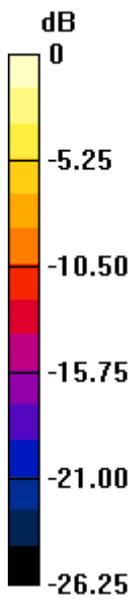
**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.73 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.261 W/kg

**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band V 10M QPSK 50%RB 13 Offset 20525CH Right Touch with Battery2-Second Antenna**

**DUT: BND-L24; 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;  $\sigma = 0.93$  S/m;  $\epsilon_r = 41.323$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.98, 8.98, 8.98); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

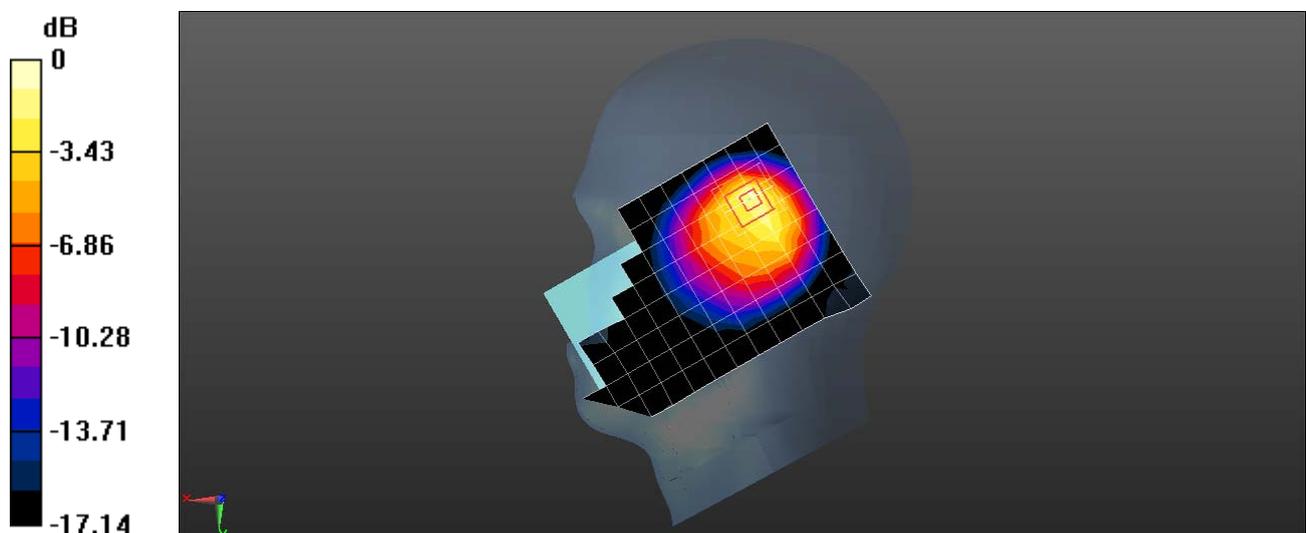
Reference Value = 22.43 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.363 W/kg**

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

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



0 dB = 1.30 W/kg = 1.14 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band V 10M QPSK 1RB 25 Offset 20600CH Back Side 10mm with Battery3-Second Antenna**

**DUT: BND-L24; 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:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.966 \text{ S/m}$ ;  $\epsilon_r = 53.386$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

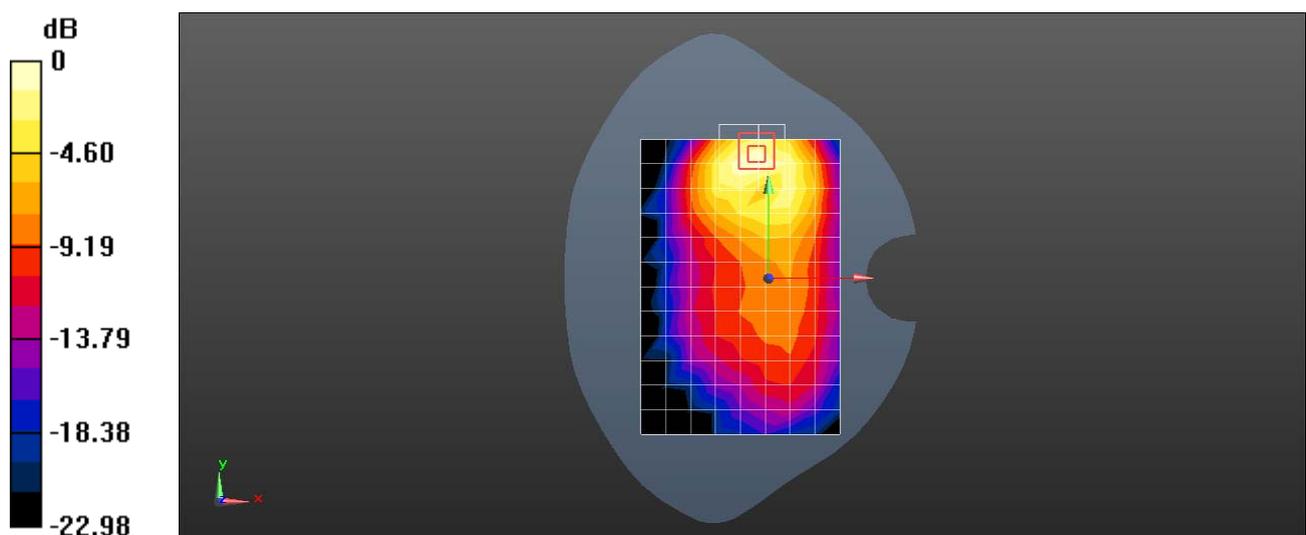
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.830 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.099 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

### **BND-L24 LTE Band V 10M QPSK 50%RB 13 Offset 20600CH Back Side 15mm with Battery3-Second Antenna**

**DUT: BND-L24; 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;  $\sigma = 0.966$  S/m;  $\epsilon_r = 53.386$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

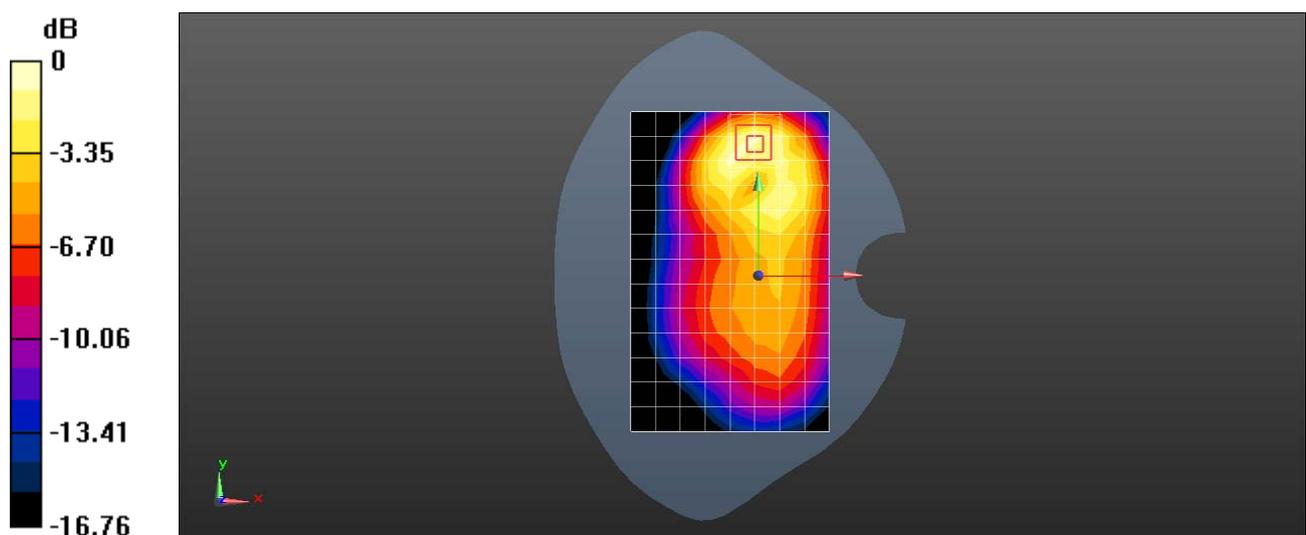
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.21 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.520 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.181 W/kg**

Maximum value of SAR (measured) = 0.414 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band VII 20M QPSK 1RB 50 Offset 21100CH Right touch-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 39.138$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.44, 7.44, 7.44); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.899 W/kg

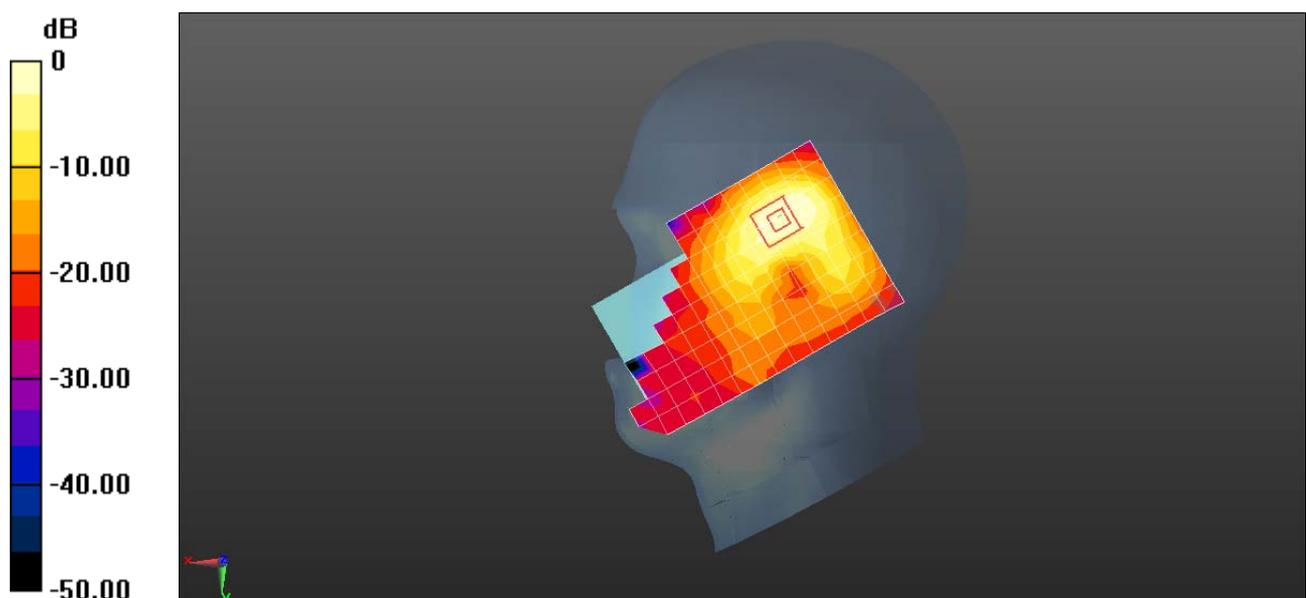
**Configuration/Head/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.638 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.317 W/kg**

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



0 dB = 0.899 W/kg = -0.46 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band VII 20M QPSK 1RB 50 Offset 21100CH Back Side 10mm with Battery2-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.048$  S/m;  $\epsilon_r = 50.742$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.43, 7.43, 7.43); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x15x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.120 W/kg

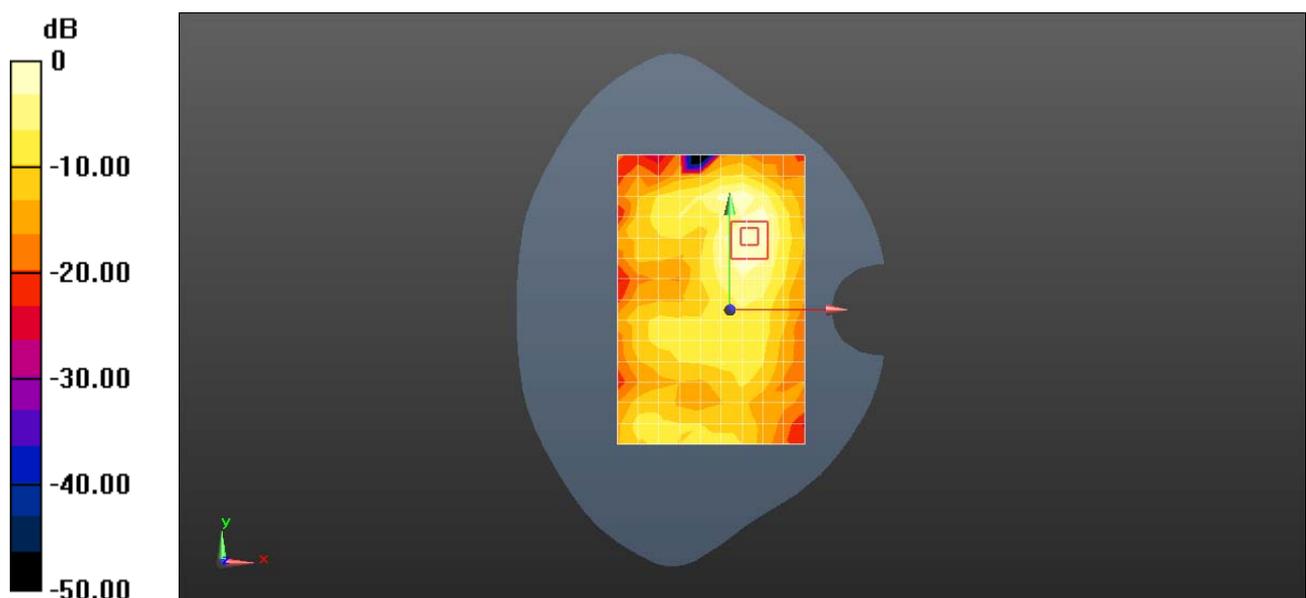
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.655 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.038 W/kg**

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



0 dB = 0.120 W/kg = -9.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band VII 20M QPSK 1RB 50 Offset 21100CH Back Side 15mm-Second Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.048$  S/m;  $\epsilon_r = 50.742$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.43, 7.43, 7.43); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x15x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.268 W/kg

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

Reference Value = 5.789 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.294 W/kg

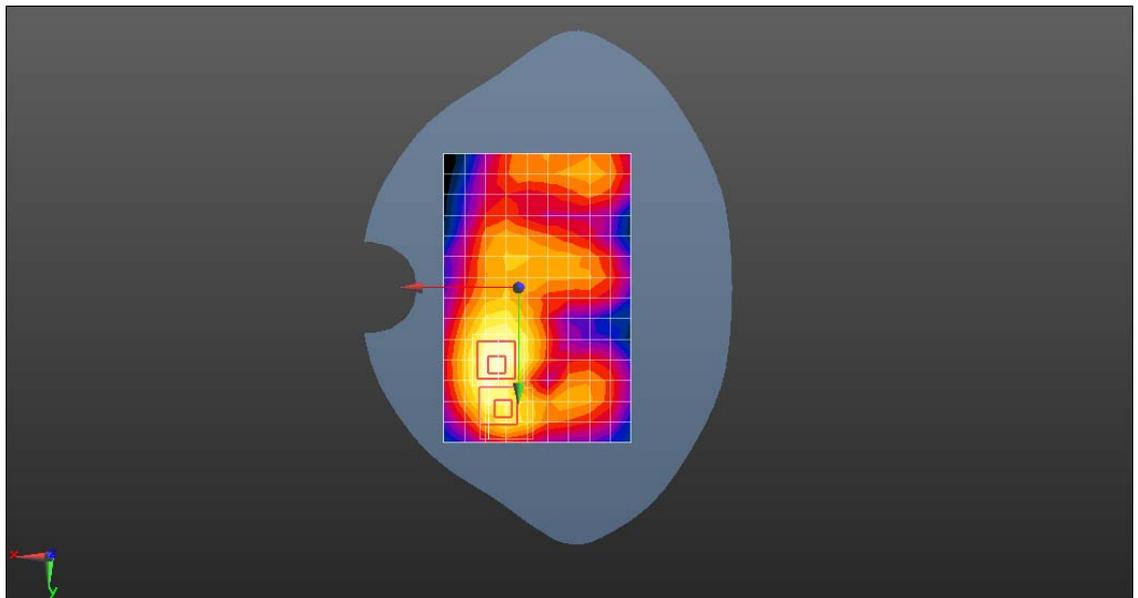
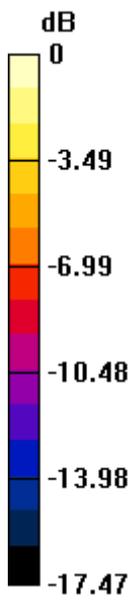
**Configuration/Body/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.789 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.066 W/kg**

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



0 dB = 0.268 W/kg = -5.72 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band XII 10M QPSK 1RB 25 Offset 23130CH Right Touch-Second Antenna**

**DUT: BND-L24; 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:  $f = 711$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 41.635$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.44, 9.44, 9.44); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

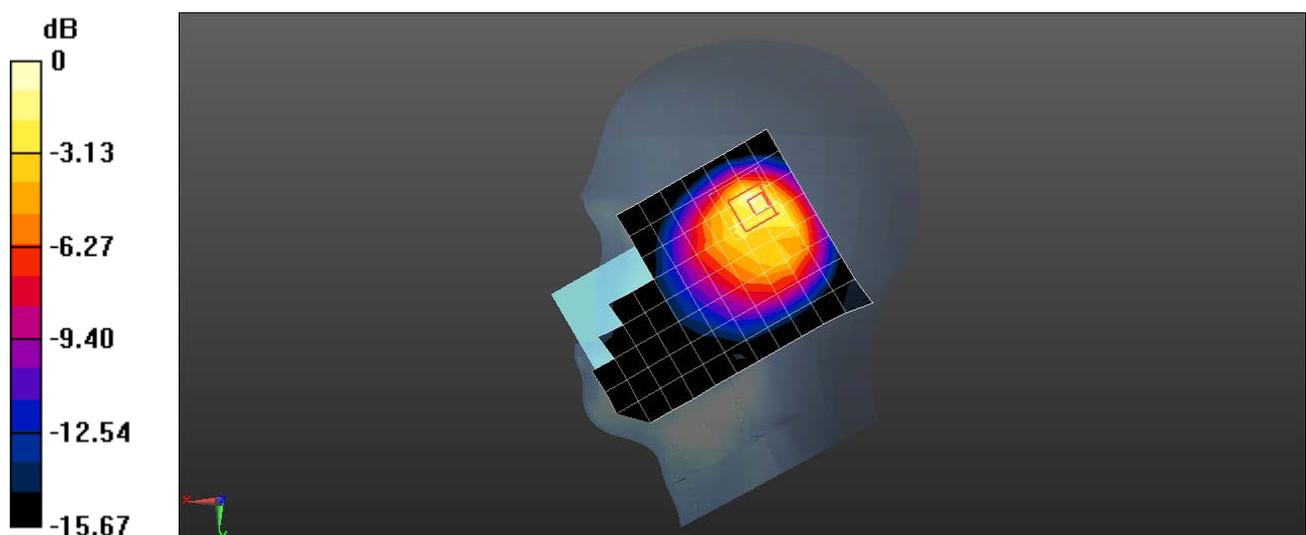
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.72 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.432 W/kg**

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band XII 10M QPSK 50%RB 13 Offset 23130CH Back Side 10mm with Battery3-Second Antenna**

**DUT: BND-L24; 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:  $f = 711$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 53.611$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.62, 9.62, 9.62); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

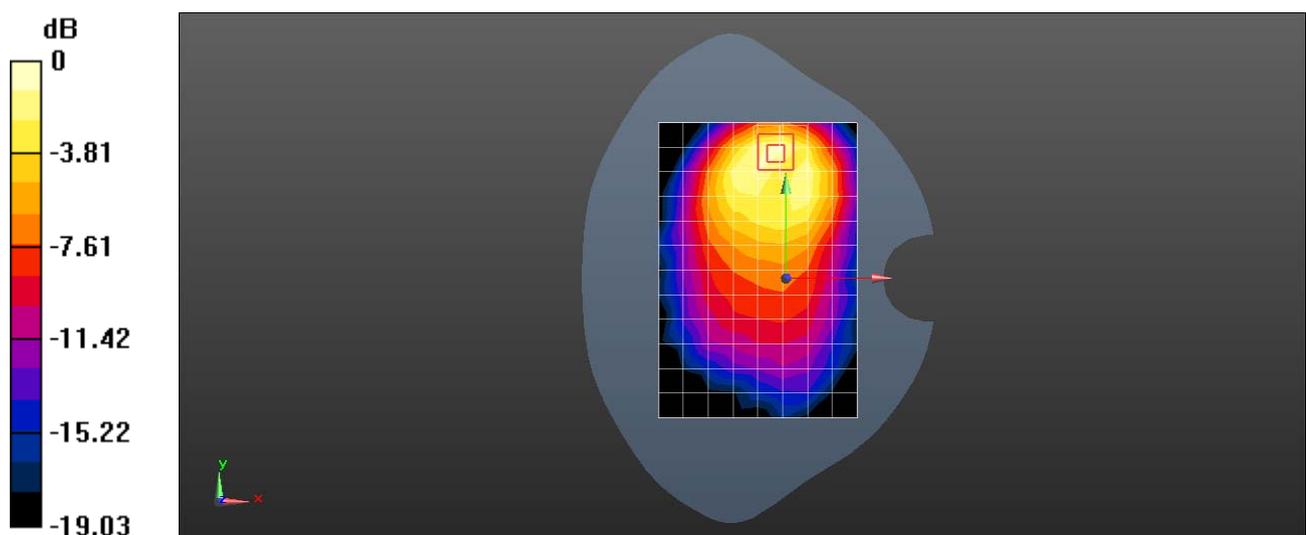
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.735 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.098 W/kg**

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



0 dB = 0.261 W/kg = -5.83 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band XII 10M QPSK 1RB 25 Offset 23130CH Back Side 15mm-Second Antenna**

**DUT: BND-L24; 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:  $f = 711$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 53.611$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.62, 9.62, 9.62); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.419 W/kg

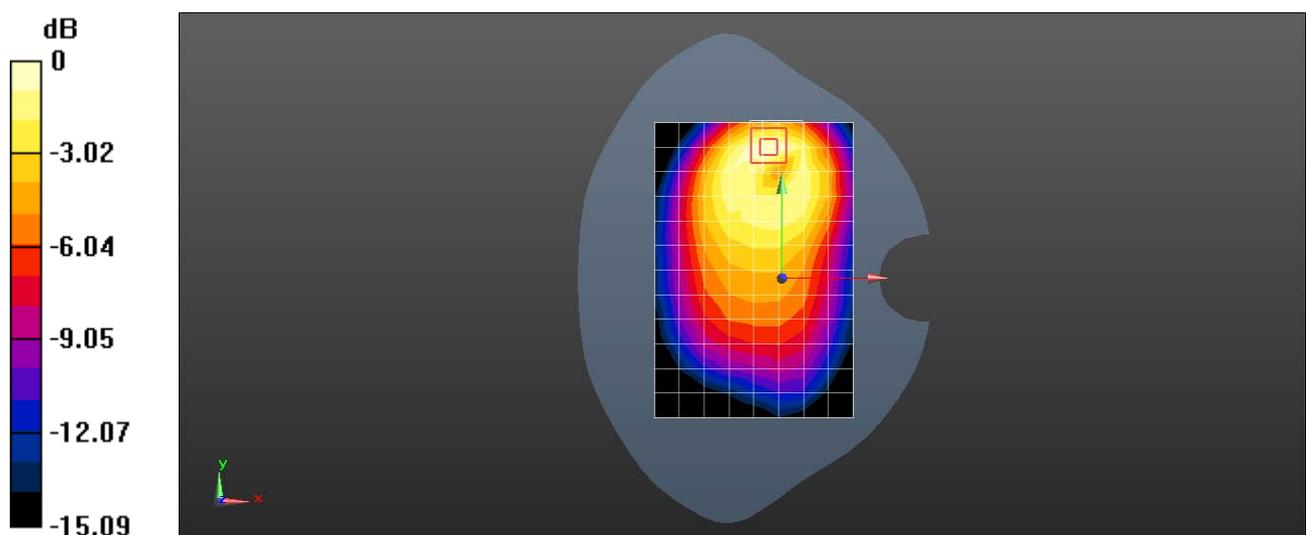
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.15 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.429 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM850 128CH Right Touch-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.447$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.98, 8.98, 8.98); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

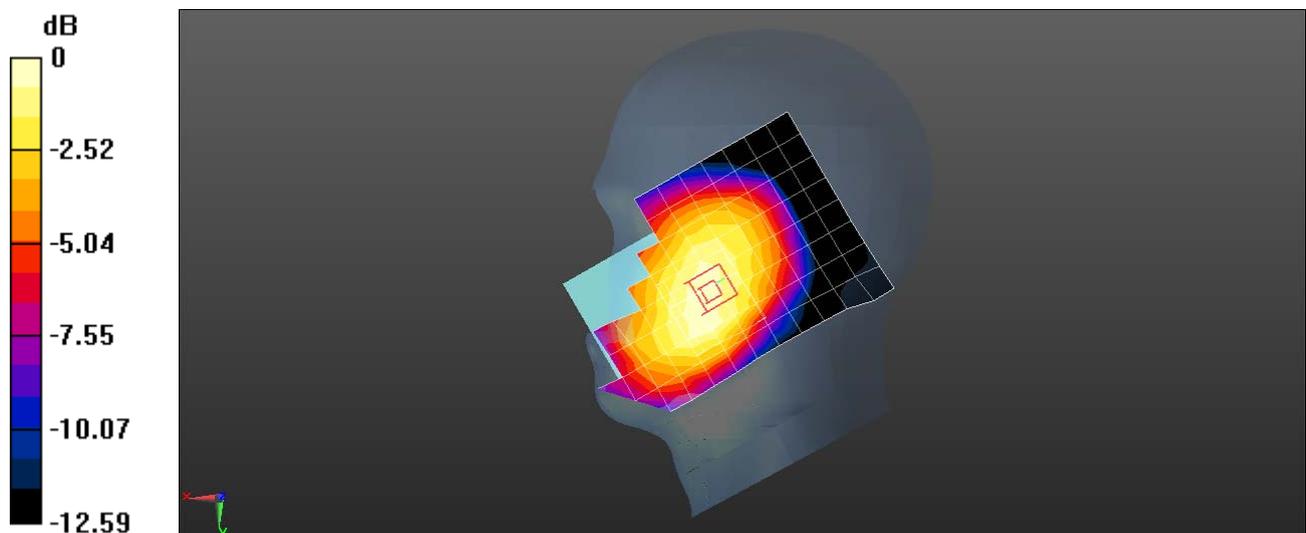
Reference Value = 9.500 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.150 W/kg**

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

Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM850 GPRS 2TS 190CH Right Side 10mm-Main Antenna

**DUT: BND-L24; 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;  $\sigma = 0.972$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.576 W/kg

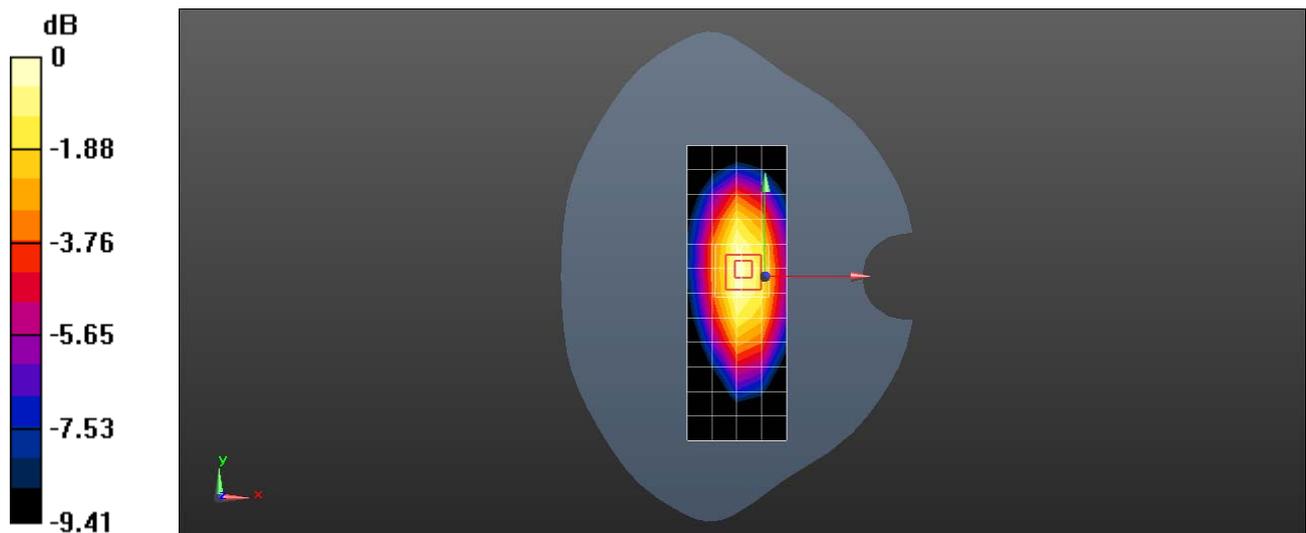
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 26.20 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.675 W/kg

**SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.316 W/kg**

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



0 dB = 0.599 W/kg = -2.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM850 190CH Back Side 15mm with Battery3-Main Antenna

**DUT: BND-L24; 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;  $\sigma = 0.972$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.433 W/kg

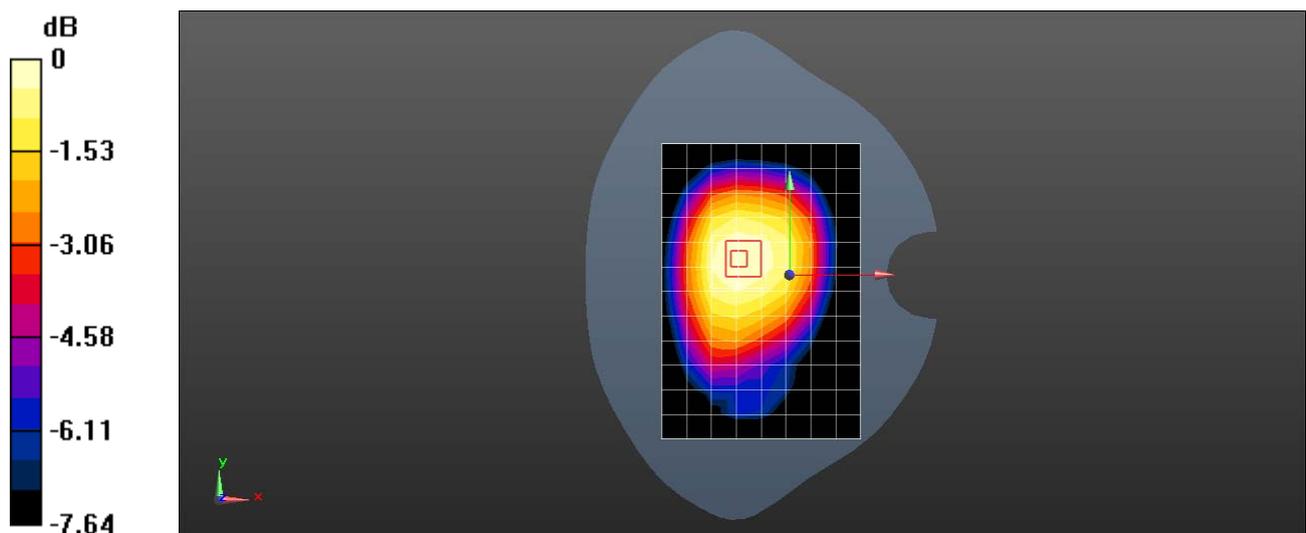
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 21.71 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.472 W/kg

**SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.284 W/kg**

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



0 dB = 0.435 W/kg = -3.62 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 GSM1900 661CH Left touch with Battery3-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 39.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.94, 7.94, 7.94); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.190 W/kg

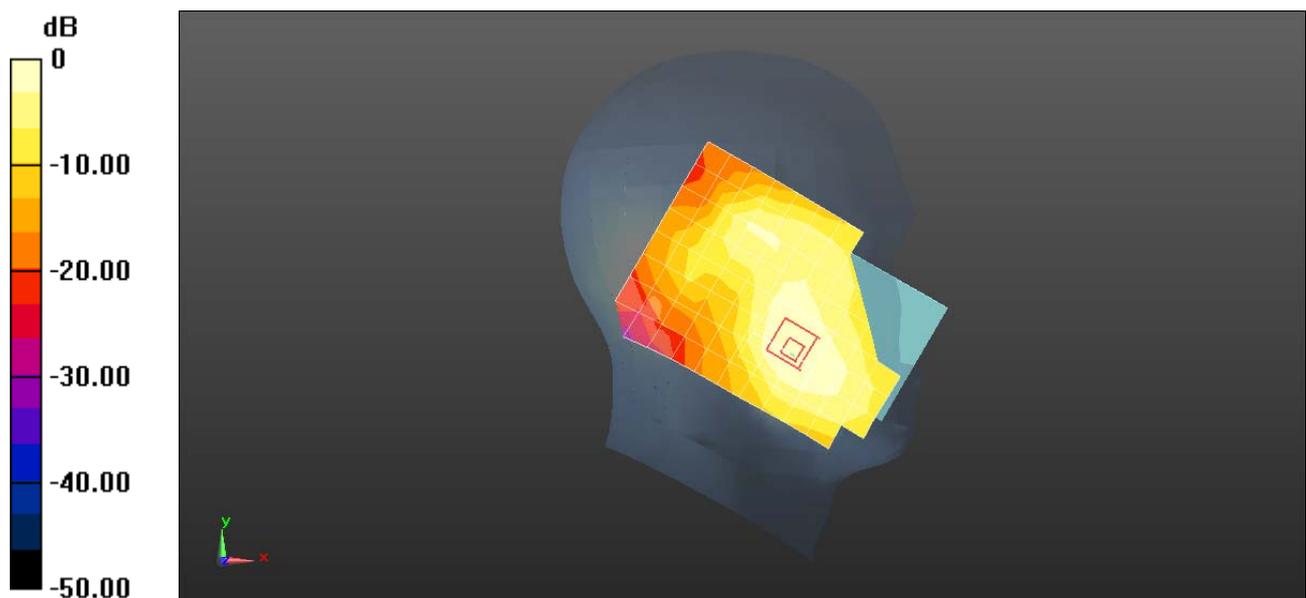
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.740 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.097 W/kg**

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



0 dB = 0.190 W/kg = -7.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM1900 GPRS 2TS 661CH Bottom Side 10mm-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.508$  S/m;  $\epsilon_r = 51.431$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.862 W/kg

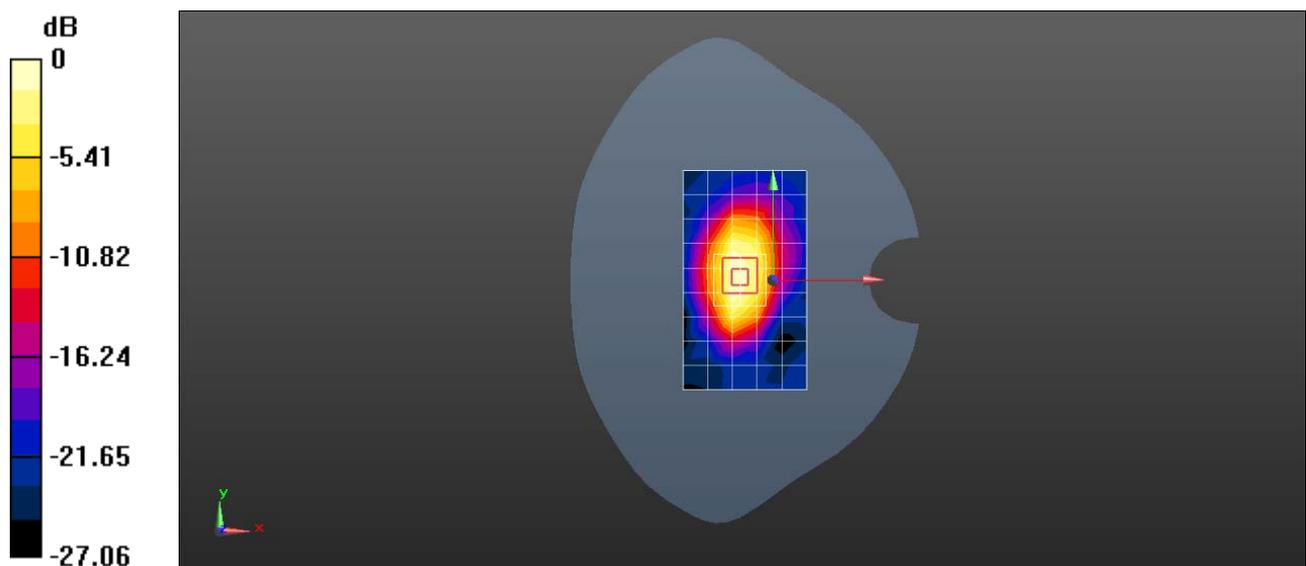
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 26.40 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.376 W/kg**

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 0.862 W/kg = -0.64 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 GSM1900 661CH Back Side 15mm with Battery3-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.354 W/kg

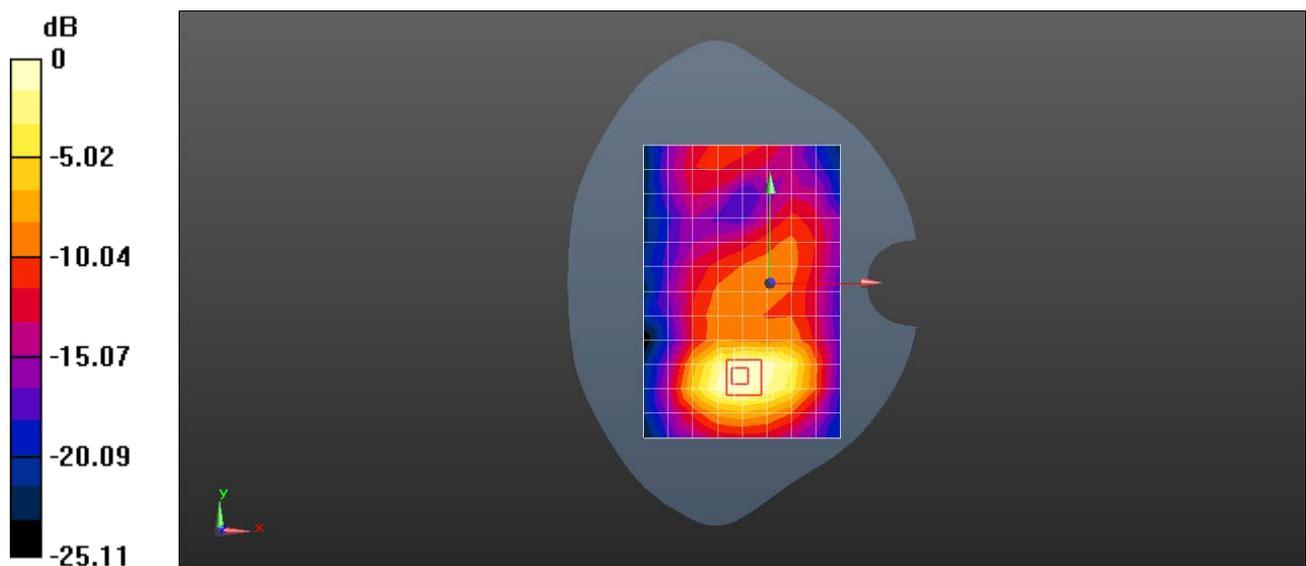
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.527 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.208 W/kg**

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 GSM1900 GPRS 2TS 661CH Bottom Side 0mm with Battery3-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.576 W/kg

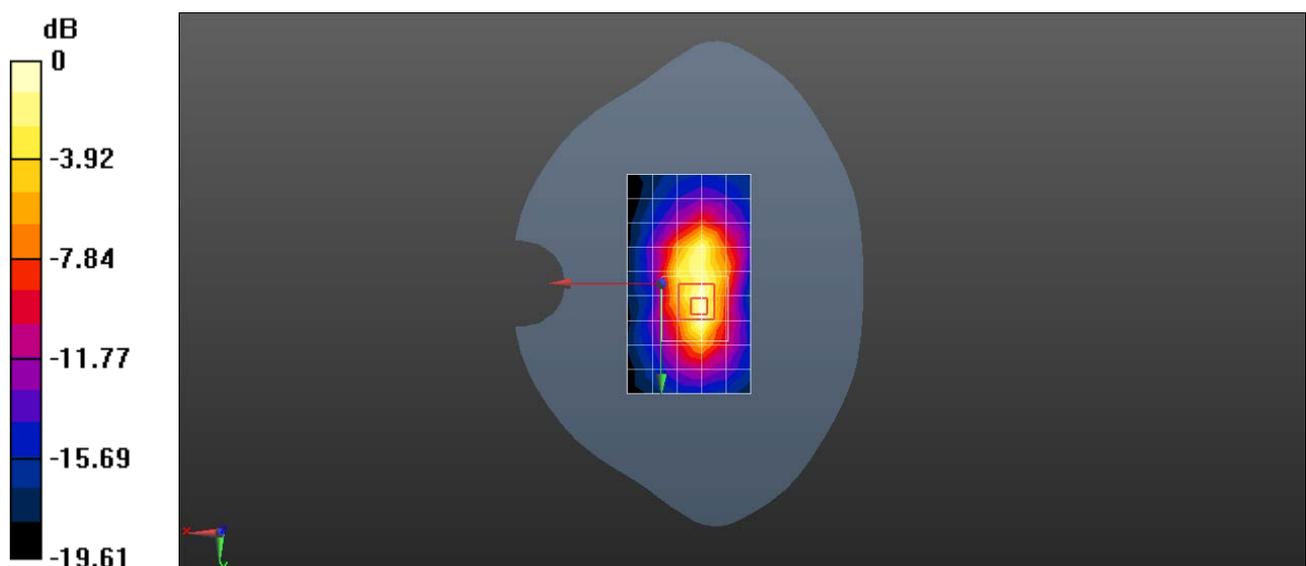
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.71 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.947 W/kg

**SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.196 W/kg**

Maximum value of SAR (measured) = 0.609 W/kg



0 dB = 0.576 W/kg = -2.40 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 UMTS Band II 9400CH Left Touch with Battery2-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 39.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.94, 7.94, 7.94); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

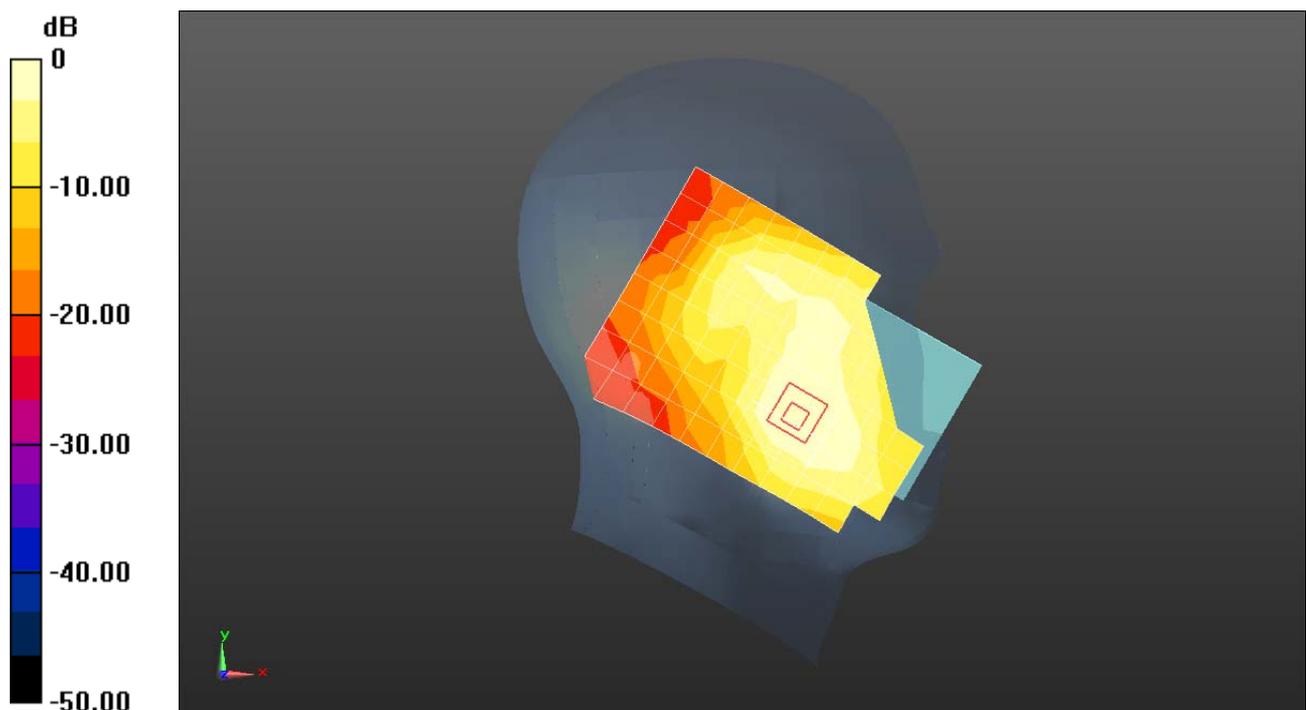
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.181 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### BND-L24 UMTS Band II 9400CH Bottom Side 12mm-Main Antenna-sensor off

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

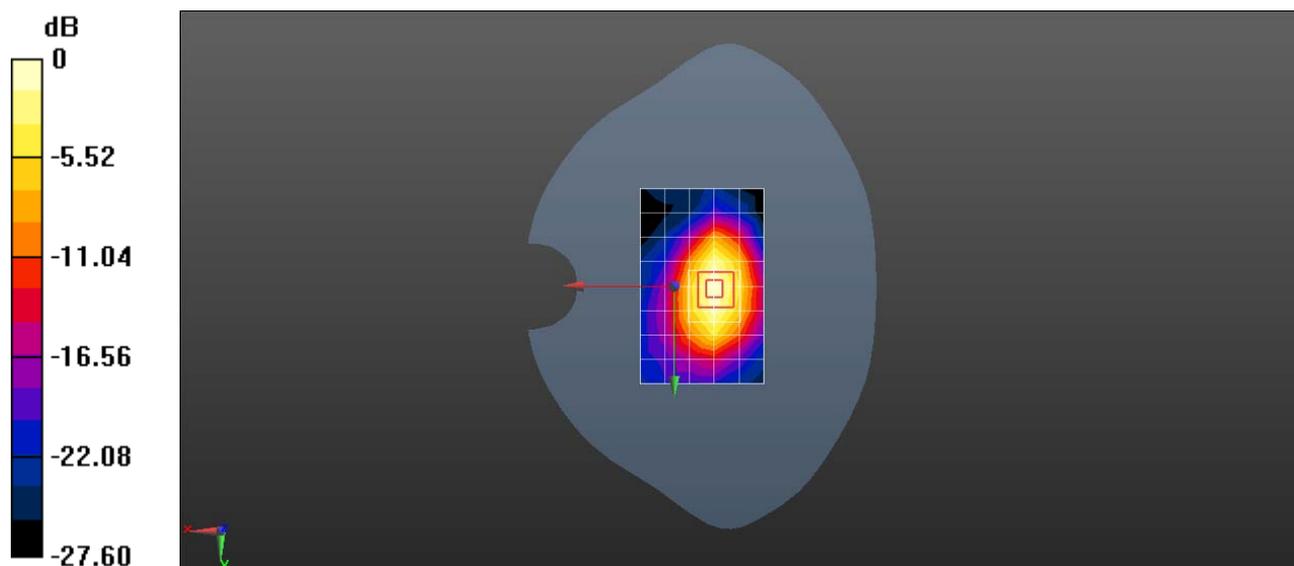
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 21.83 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.442 W/kg**

Maximum value of SAR (measured) = 0.993 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

### BND-L24 UMTS Band II 9400CH Back Side 15mm-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 51.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017-9-25
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.928 W/kg

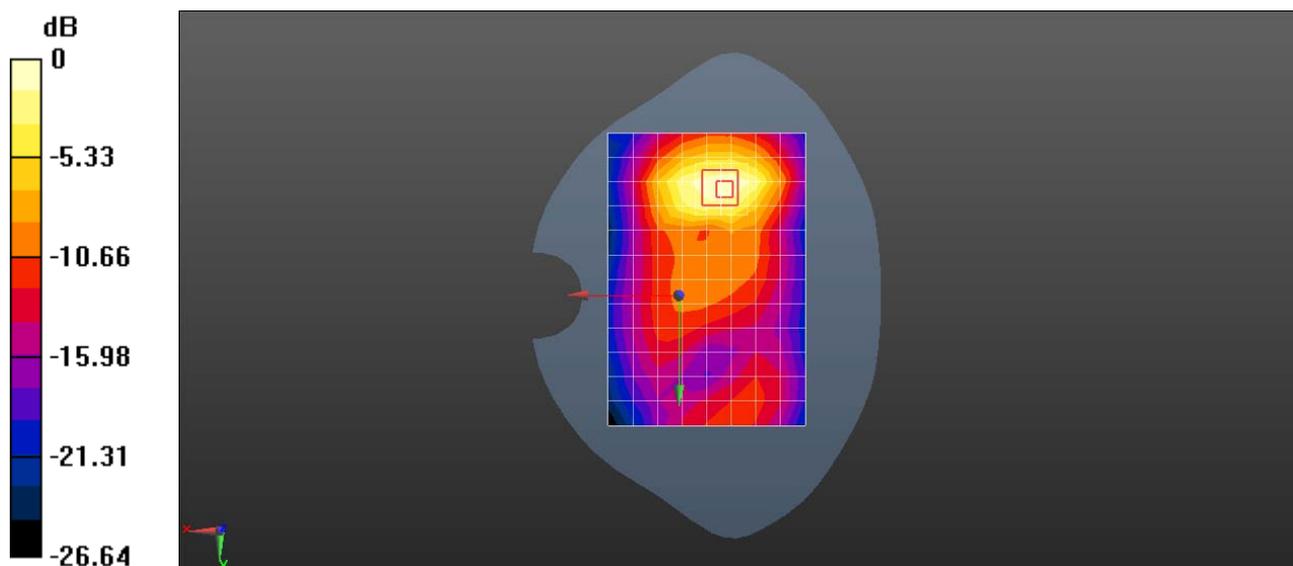
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.686 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.477 W/kg**

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



0 dB = 0.928 W/kg = -0.32 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### BND-L24 UMTS Band II 9400CH Back Side 0mm-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.452$  S/m;  $\epsilon_r = 51.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017-9-25
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 3.50 W/kg

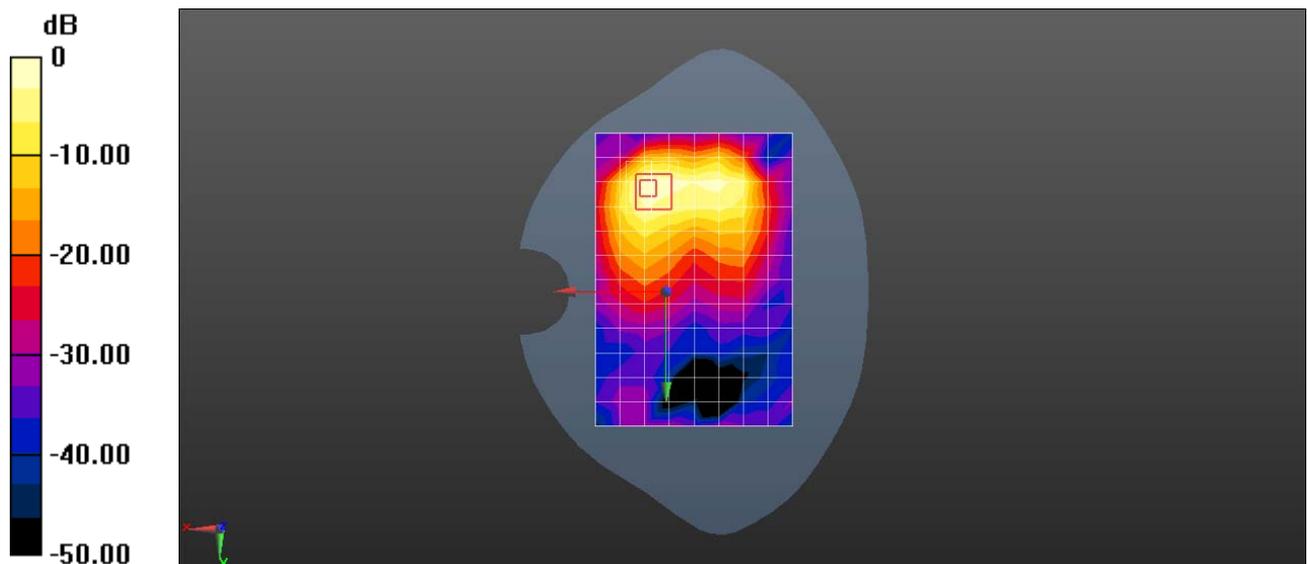
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.154 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 7.65 W/kg

**SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.13 W/kg**

Maximum value of SAR (measured) = 3.71 W/kg



0 dB = 3.50 W/kg = 5.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band IV 1513CH Left Left Touch-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.409$  S/m;  $\epsilon_r = 38.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.32, 8.32, 8.32); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

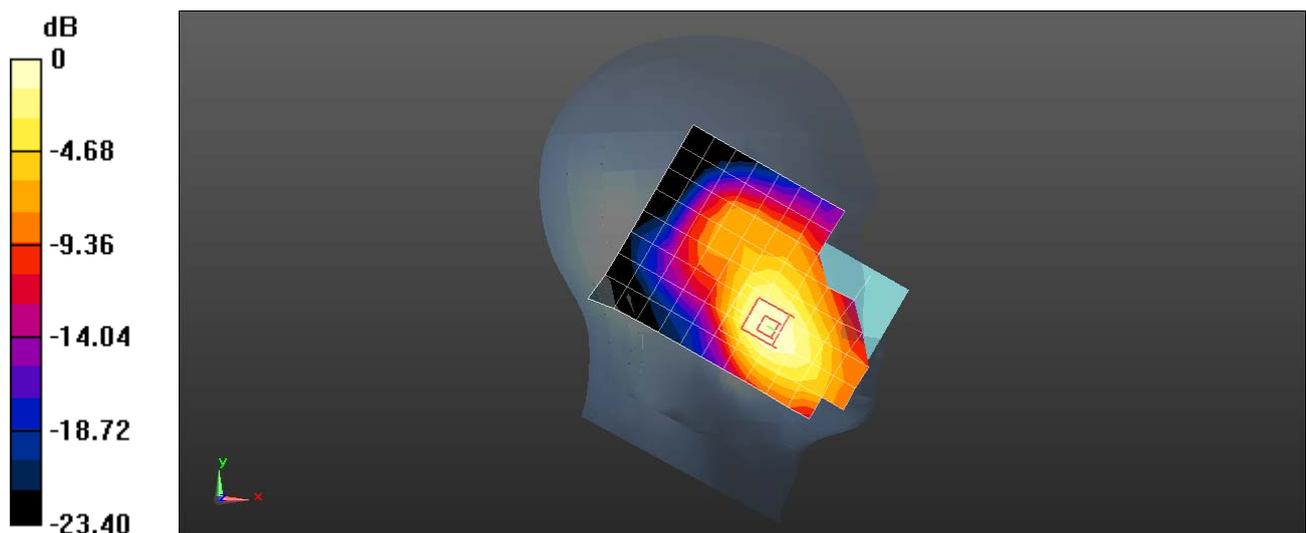
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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

Peak SAR (extrapolated) = 0.641 W/kg

**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.274 W/kg**

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 UMTS Band IV 1413CH Bottom Side 10mm with Battery3-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 53.217$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.93, 7.93, 7.93); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.02 W/kg

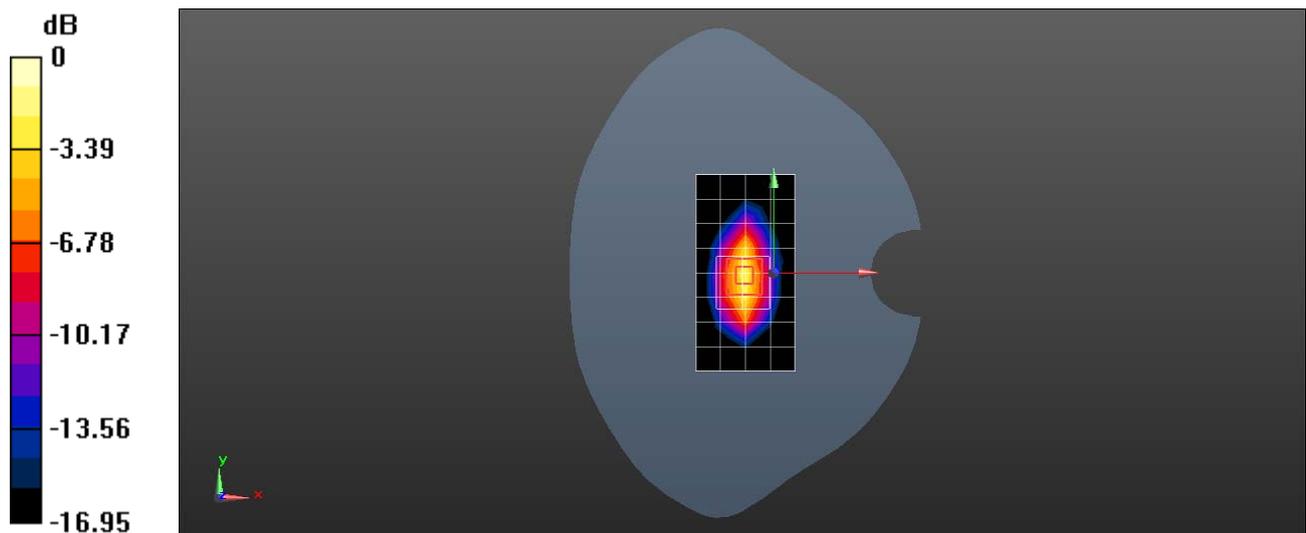
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.78 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.607 W/kg**

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 UMTS Band IV 1413CH Back Side 15mm with Battery3-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 53.217$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.93, 7.93, 7.93); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.887 W/kg

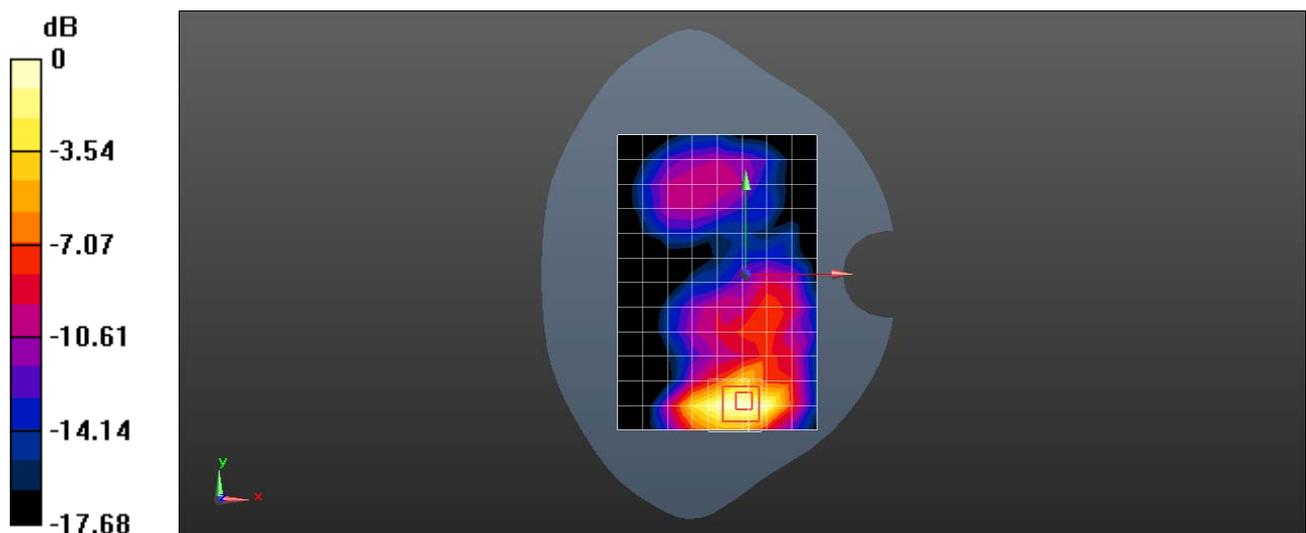
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.484 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.376 W/kg**

Maximum value of SAR (measured) = 0.890 W/kg



0 dB = 0.890 W/kg = -0.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band IV 1312CH Front Side 0mm-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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;  $\sigma = 1.413$  S/m;  $\epsilon_r = 53.337$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.93, 7.93, 7.93); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**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) = 3.88 W/kg

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

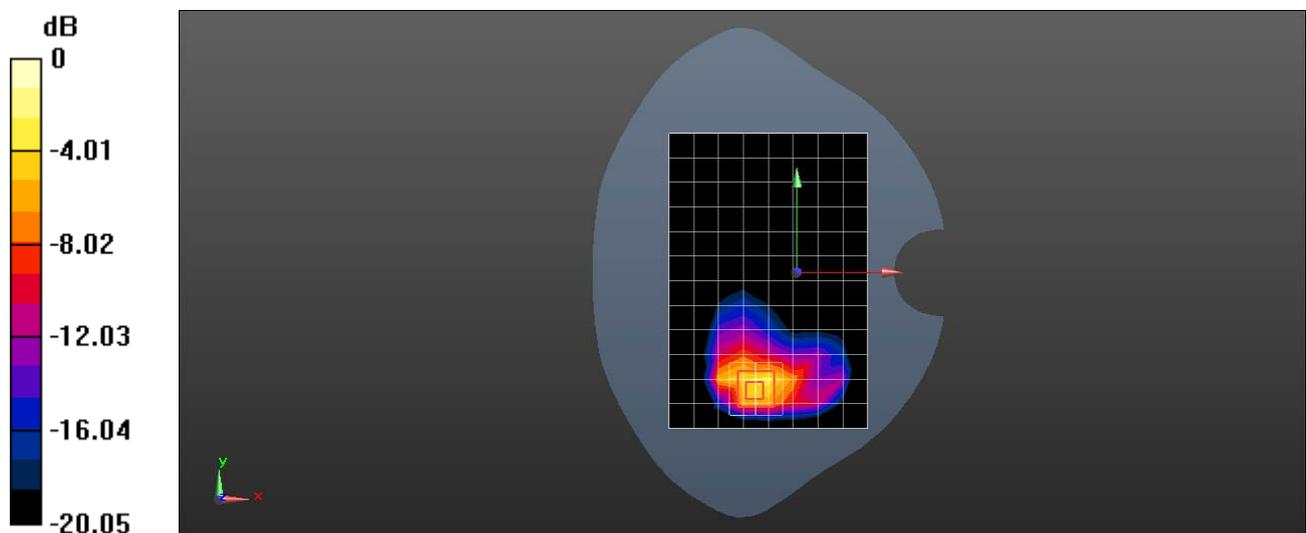
Reference Value = 5.137 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 4.07 W/kg; SAR(10 g) = 1.76 W/kg**

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

Maximum value of SAR (measured) = 8.27 W/kg



0 dB = 8.27 W/kg = 9.18 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band V 4233CH Right Touch with Battery3-Main Antenna

**DUT: BND-L24; 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:  $f = 847$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.98, 8.98, 8.98); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.259 W/kg

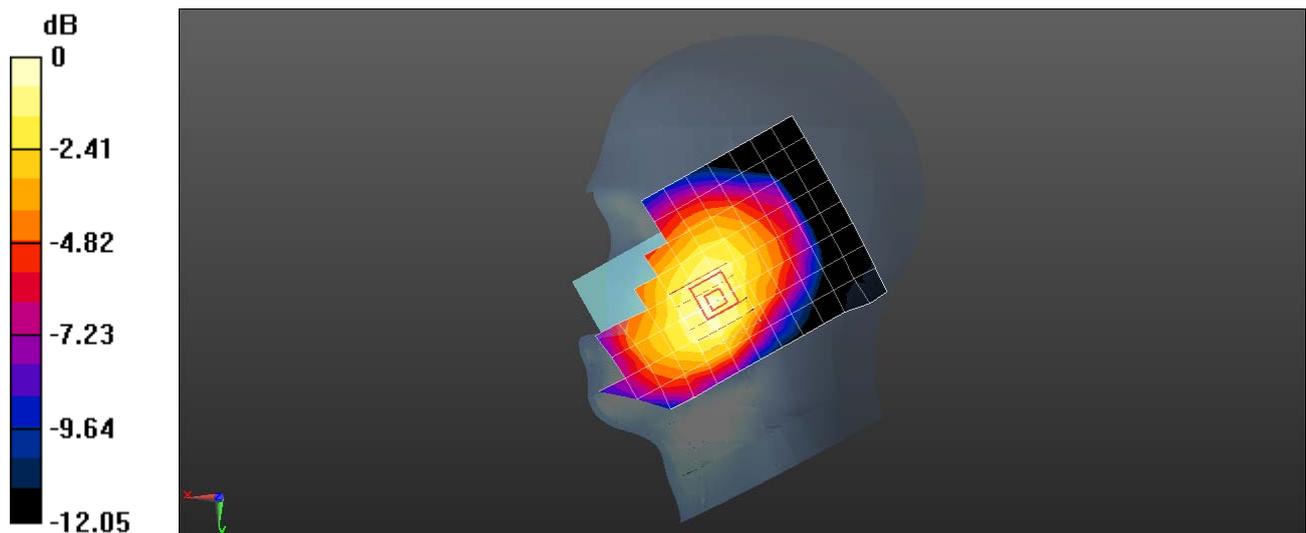
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.16 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.314 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.172 W/kg**

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



0 dB = 0.288 W/kg = -5.41 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 UMTS Band V 4182CH Right Side 10mm-Main Antenna

**DUT: BND-L24; 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;  $\sigma = 0.972$  S/m;  $\epsilon_r = 53.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.666 W/kg

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

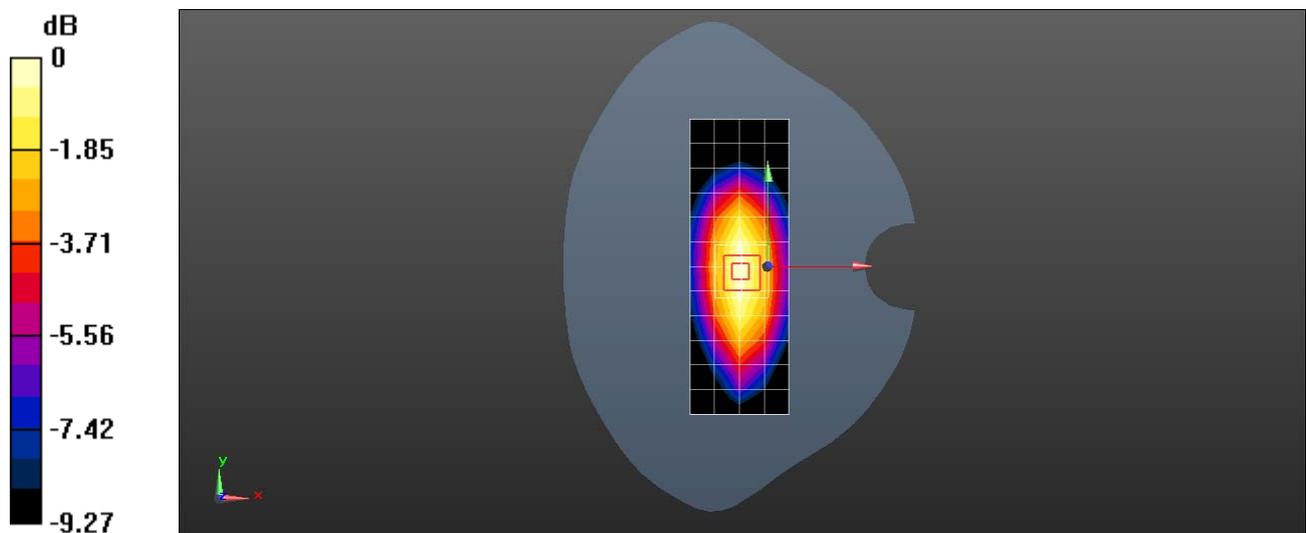
Reference Value = 27.98 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.747 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.349 W/kg**

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

Maximum value of SAR (measured) = 0.662 W/kg



0 dB = 0.662 W/kg = -1.79 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 UMTS Band V 4182CH Back Side 15mm with Battery2-Main Antenna**

**DUT: BND-L24; 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;  $\sigma = 0.972$  S/m;  $\epsilon_r = 53.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**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) = 0.449 W/kg

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

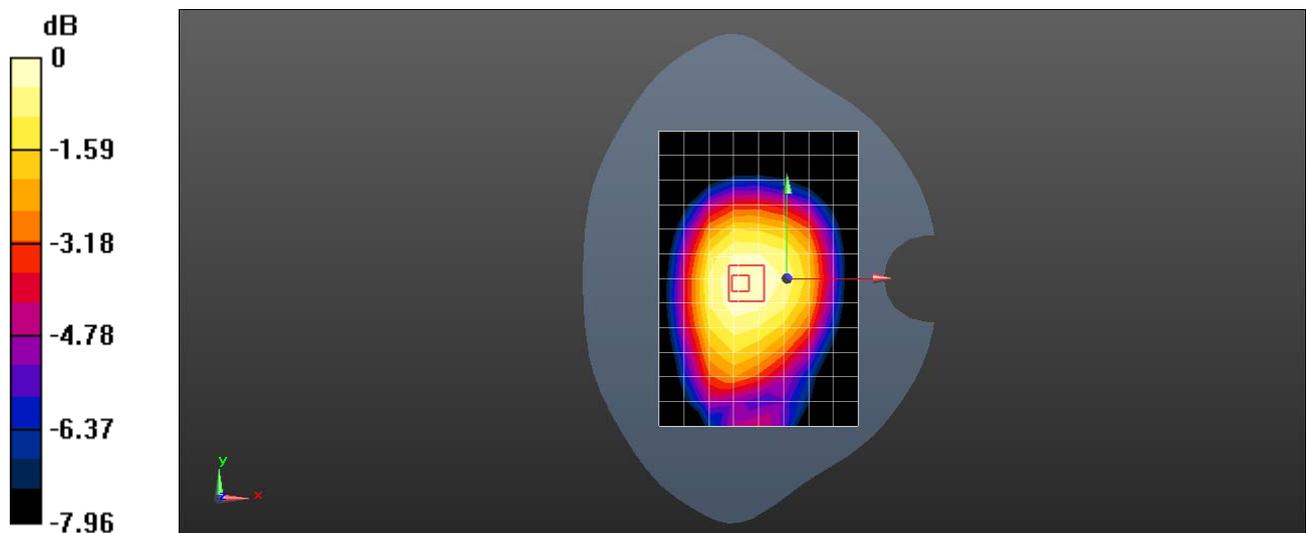
Reference Value = 22.71 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.485 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.294 W/kg**

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

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



0 dB = 0.453 W/kg = -3.44 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band II 20M QPSK 50%RB 25 Offset 18900CH Bottom Side 12mm- Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.512$  S/m;  $\epsilon_r = 51.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.680 W/kg

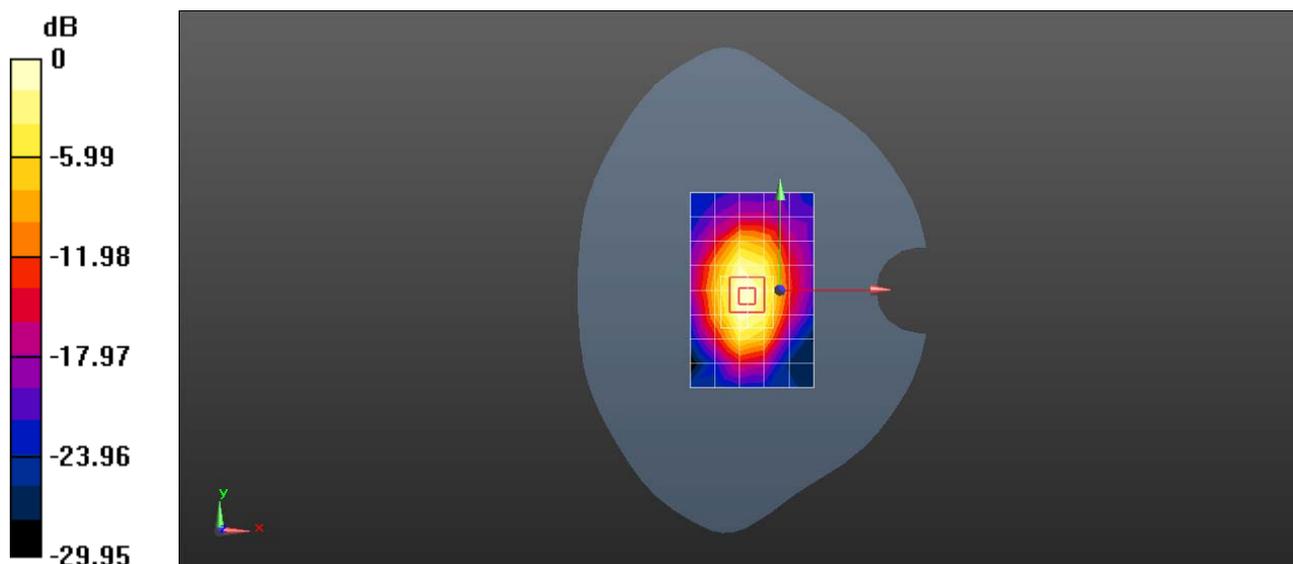
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 22.90 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.359 W/kg**

Maximum value of SAR (measured) = 0.783 W/kg



0 dB = 0.680 W/kg = -1.67 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band II 20M QPSK 1RB 50 Offset 18900CH Back Side 15mm-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.487$  S/m;  $\epsilon_r = 52.525$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

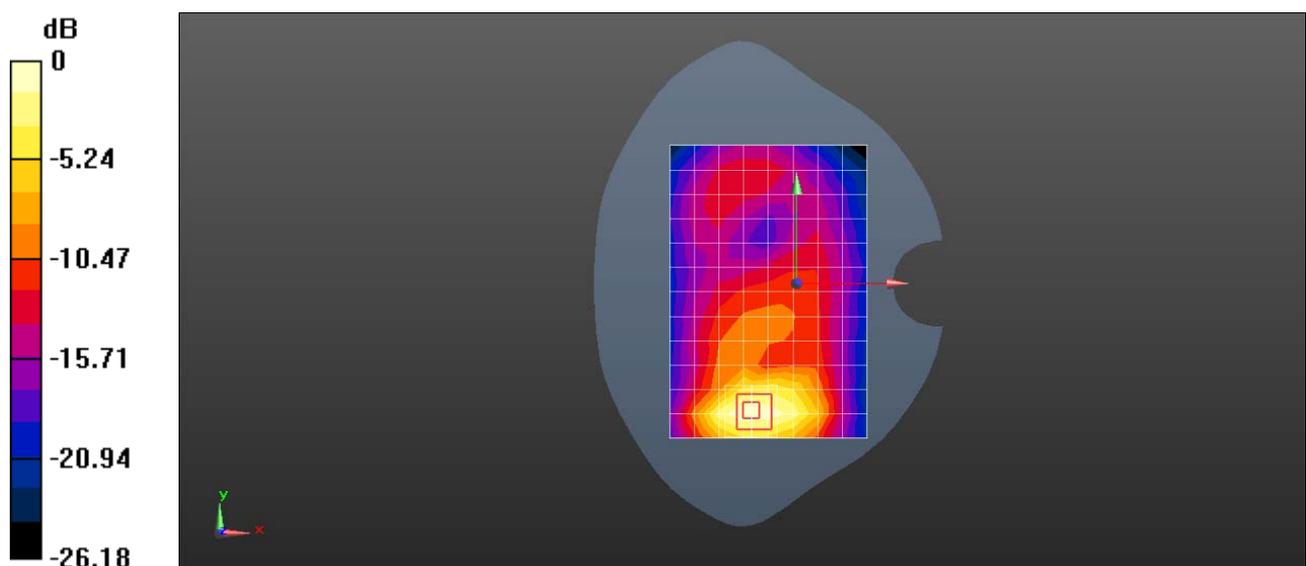
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.525 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.475 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 LTE Band II 20M QPSK 1RB 50 Offset 18700CH Back Side 0mm-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.473$  S/m;  $\epsilon_r = 52.576$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.79, 7.79, 7.79); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 9.15 W/kg

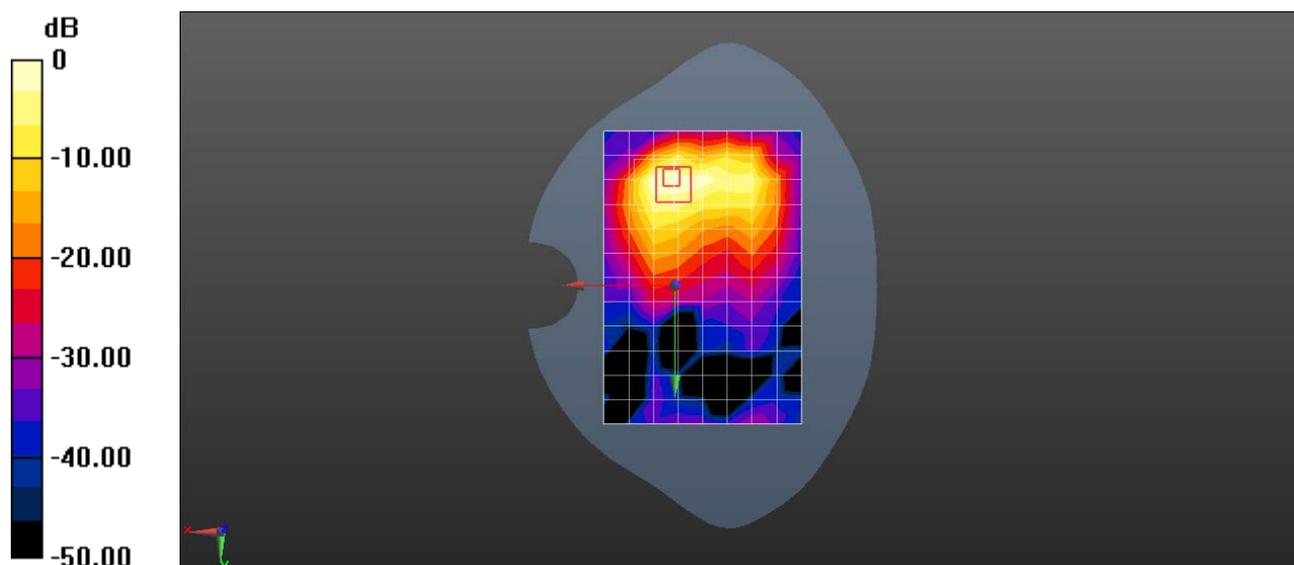
**Configuration/Body/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.493 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 4.42 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 7.69 W/kg



0 dB = 9.15 W/kg = 9.61 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band II 20M QPSK 1RB 50 Offset 18900CH Left Touch with Battery3-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.425$  S/m;  $\epsilon_r = 39.02$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.94, 7.94, 7.94); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.322 W/kg

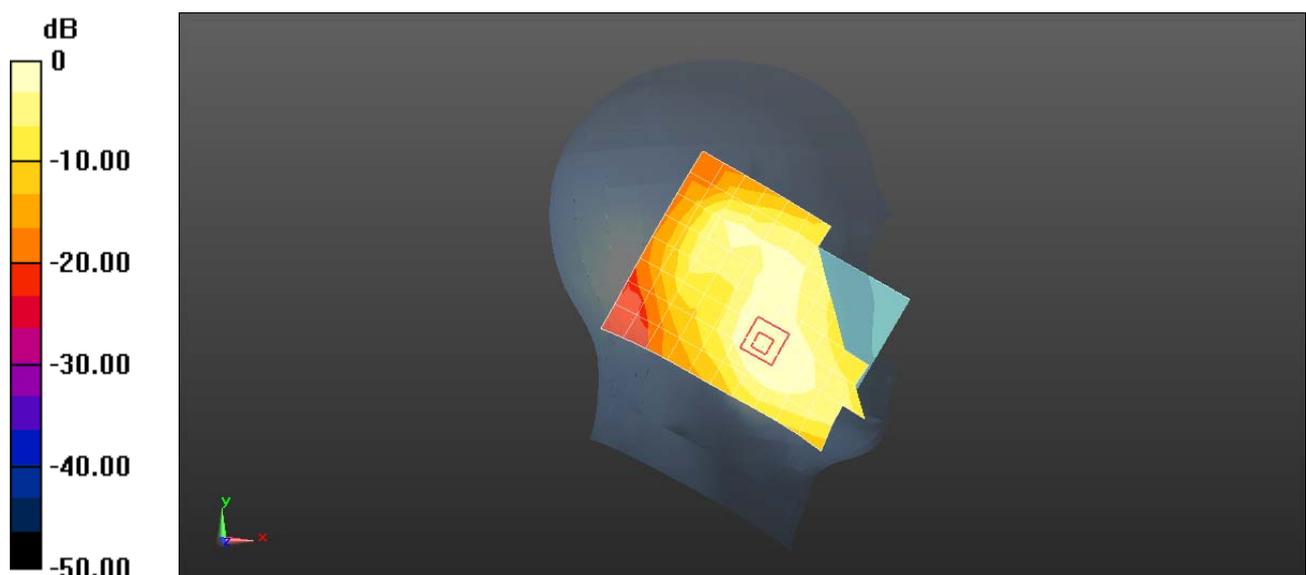
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.386 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.386 W/kg

**SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.174 W/kg**

Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 LTE Band IV 20M QPSK 1RB 50 Offset 20300CH Left Touch-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.354$  S/m;  $\epsilon_r = 39.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(8.37, 8.37, 8.37); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.549 W/kg

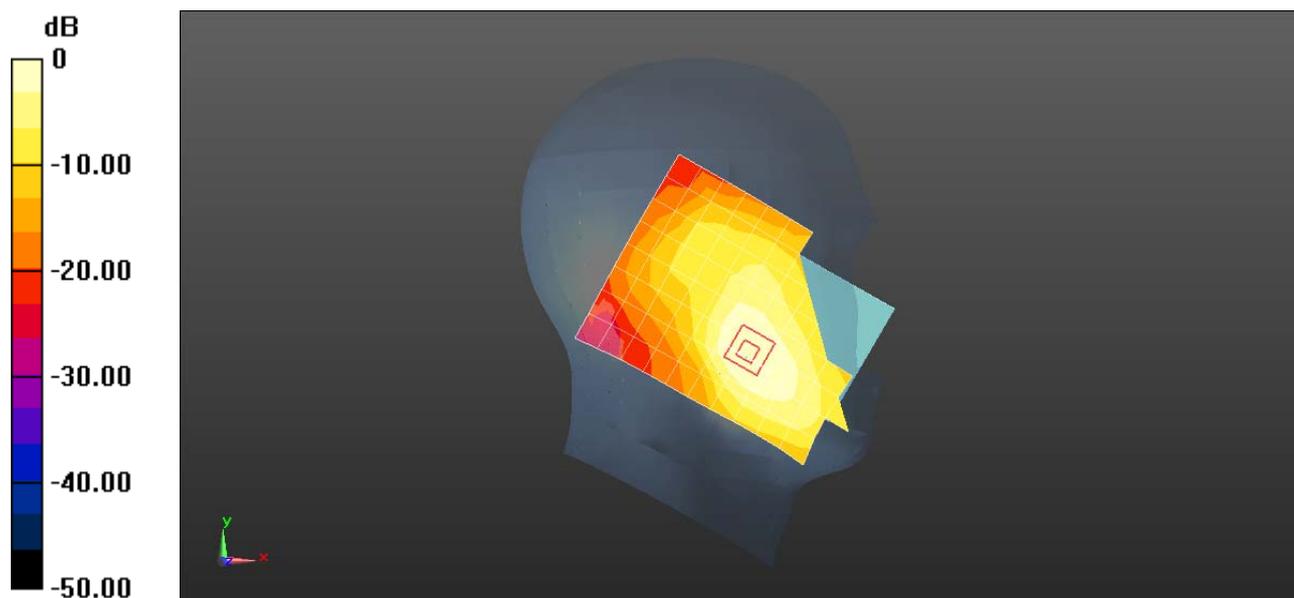
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.233 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.700 W/kg

**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.287 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band IV 20M QPSK 1RB 50 Offset 20300CH Bottom Side 12mm- Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.449$  S/m;  $\epsilon_r = 51.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(5.18, 5.18, 5.18); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.766 W/kg

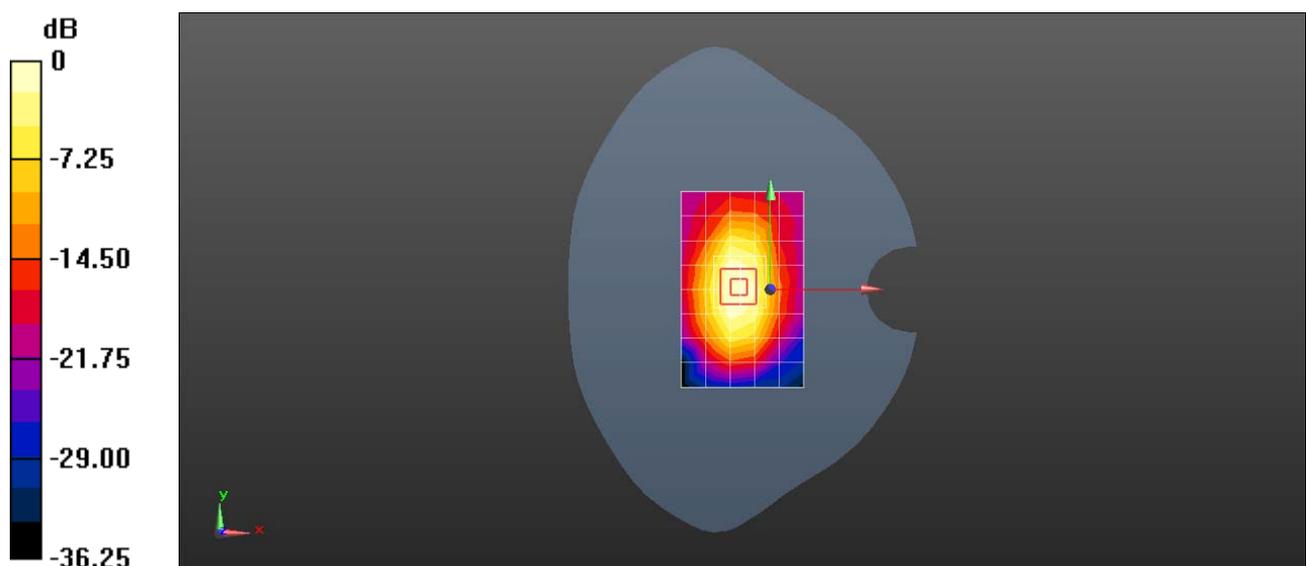
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.40 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.419 W/kg**

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



0 dB = 0.766 W/kg = -1.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band IV 20M QPSK 1RB 50 Offset 20300CH Back Side 15mm with Battery3-Main Antenna**

**DUT: BND-L24; 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;  $\sigma = 1.44$  S/m;  $\epsilon_r = 51.463$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.93, 7.93, 7.93); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.08 W/kg

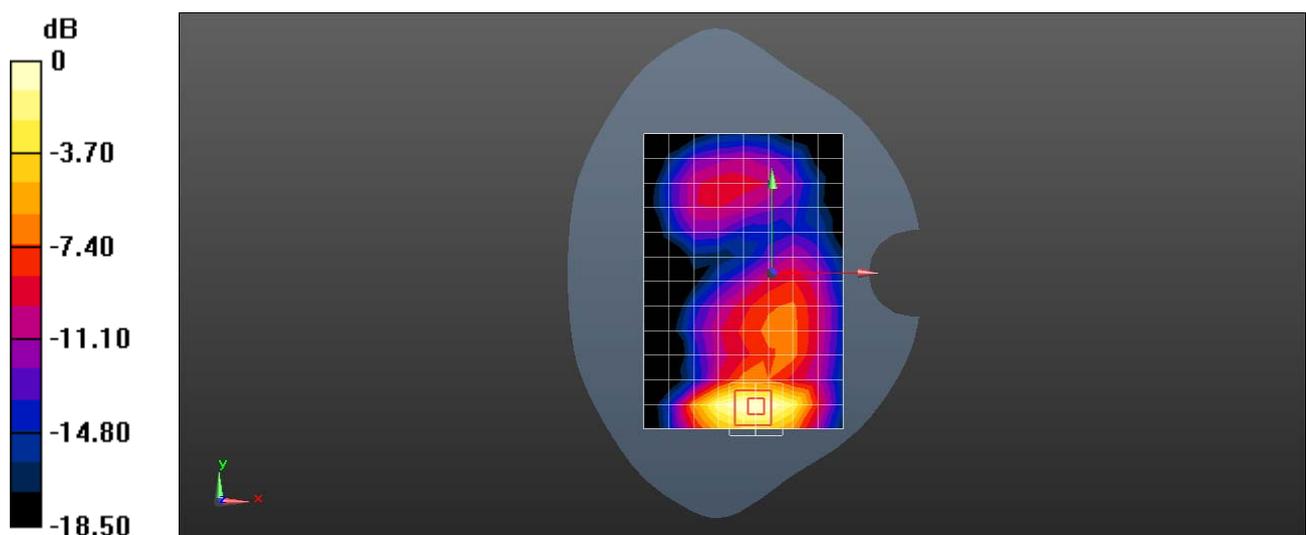
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.722 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.460 W/kg**

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



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band IV 20M QPSK 1RB 50 Offset 20300CH Back Side 0mm-Main Antenna-state2**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1.505$  S/m;  $\epsilon_r = 52.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(8.08, 8.08, 8.08); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 5.98 W/kg

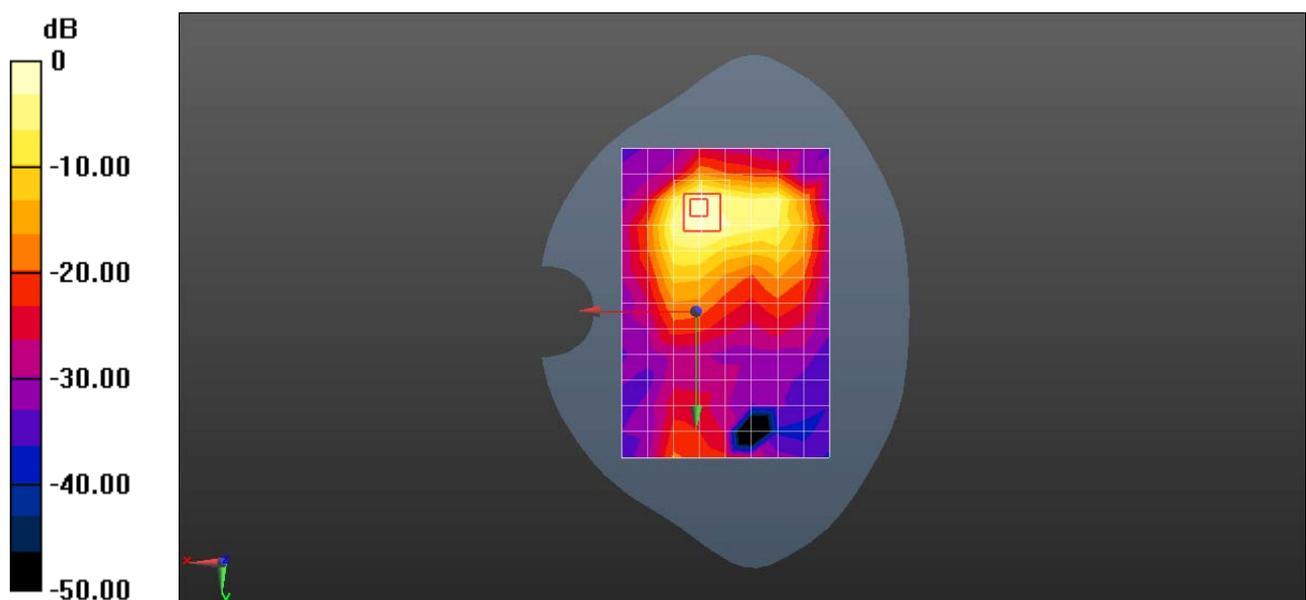
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.874 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.9 W/kg

**SAR(1 g) = 4.68 W/kg; SAR(10 g) = 1.96 W/kg**

Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 5.98 W/kg = 7.77 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band V 10M QPSK 1RB 25 Offset 20450CH Right Touch with Battery2-Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 41.368$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8.98, 8.98, 8.98); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.273 W/kg

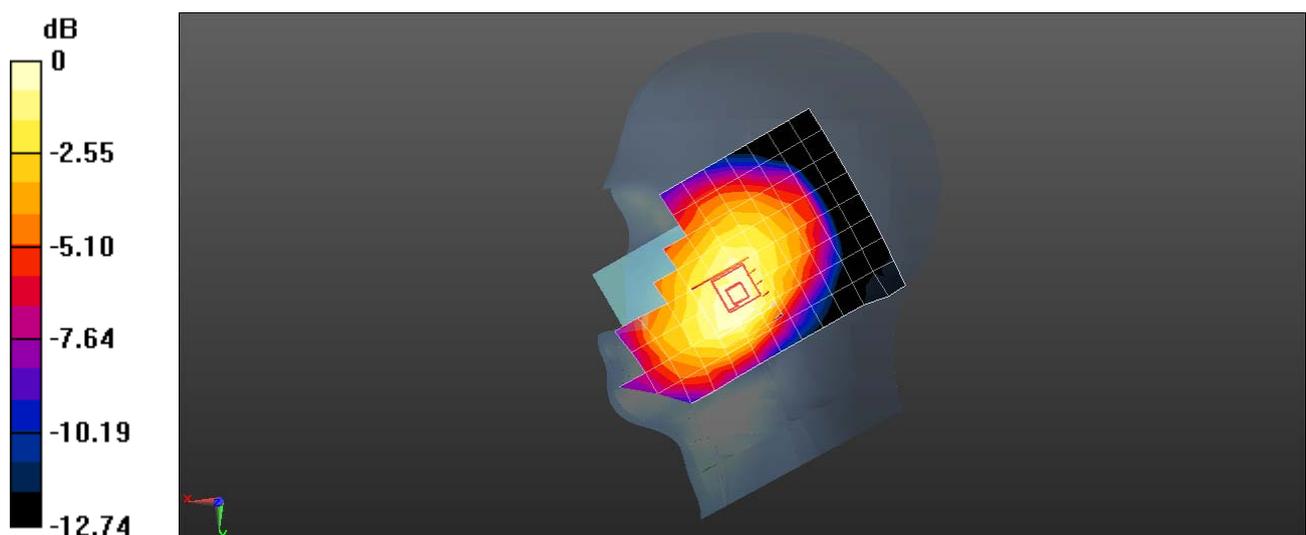
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.43 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.171 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

## **BND-L24 LTE Band V 10M QPSK 1RB 25 Offset 20600CH Right Side 10mm-Main Antenna**

**DUT: BND-L24; 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:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.966 \text{ S/m}$ ;  $\epsilon_r = 53.386$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) =  $0.496 \text{ W/kg}$

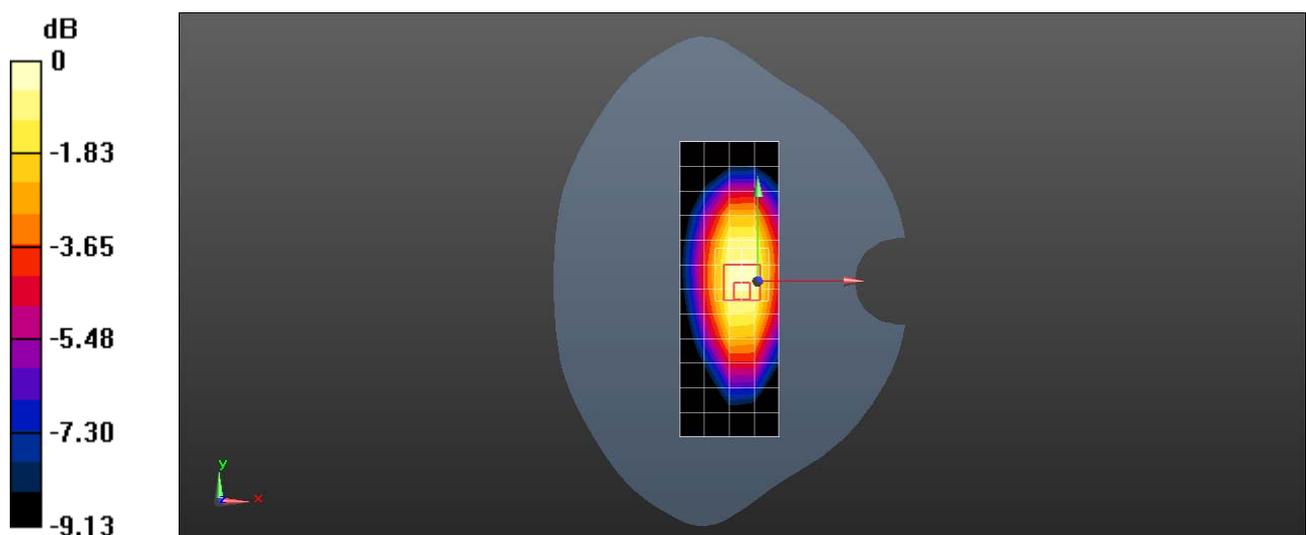
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.53 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.612 \text{ W/kg}$

**SAR(1 g) =  $0.427 \text{ W/kg}$ ; SAR(10 g) =  $0.294 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.553 \text{ W/kg}$



0 dB =  $0.553 \text{ W/kg} = -2.57 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band V 10M QPSK 1RB 25 Offset 20600CH Back Side 15mm with Battery2-Main Antenna**

**DUT: BND-L24; 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;  $\sigma = 0.966$  S/m;  $\epsilon_r = 53.386$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.28, 9.28, 9.28); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.400 W/kg

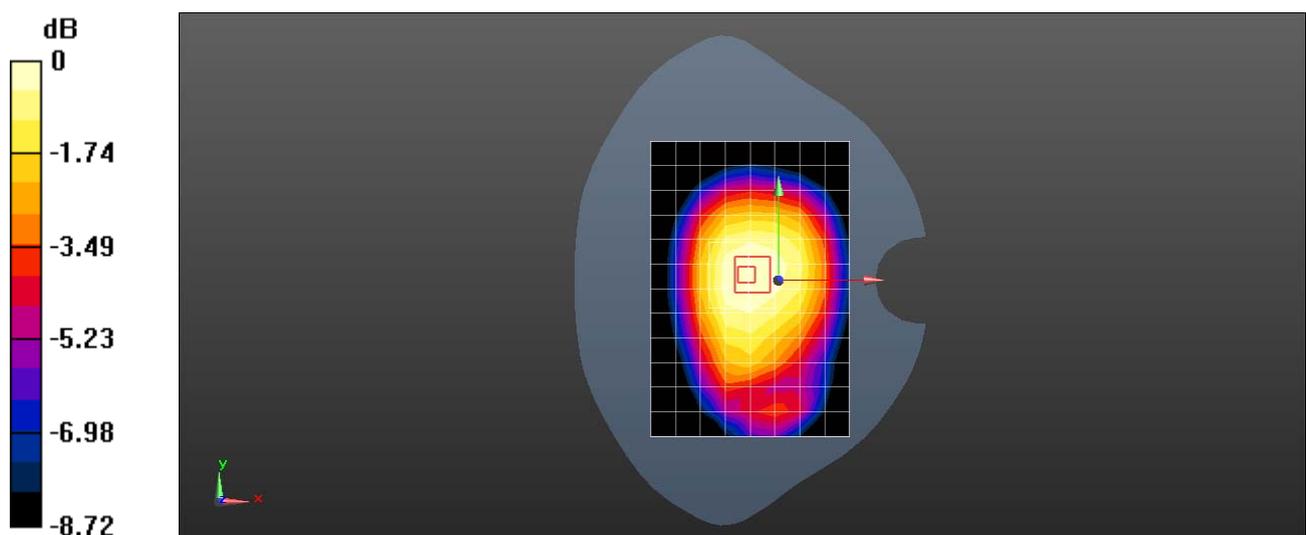
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.93 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.434 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.405 W/kg



0 dB = 0.405 W/kg = -3.93 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band VII 20M QPSK 1RB 50 Offset 21100CH Left Touch with Battery2-Main Antenn**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 39.138$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.44, 7.44, 7.44); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.574 W/kg

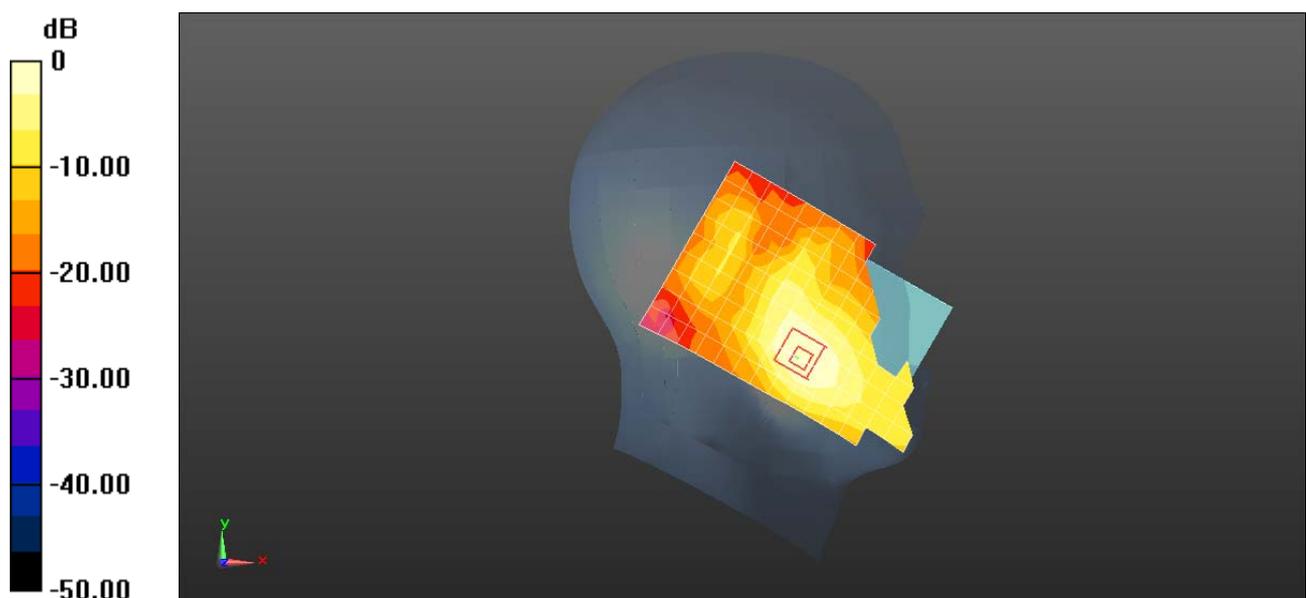
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.942 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.704 W/kg

**SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.210 W/kg**

Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **BND-L24 LTE Band VII 20M QPSK 1RB 50 Offset 20850CH Back Side 10mm- Main Antenna-state2**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.024$  S/m;  $\epsilon_r = 50.706$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3578; ConvF(7.43, 7.43, 7.43); Calibrated: 2017-5-5;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.228 W/kg

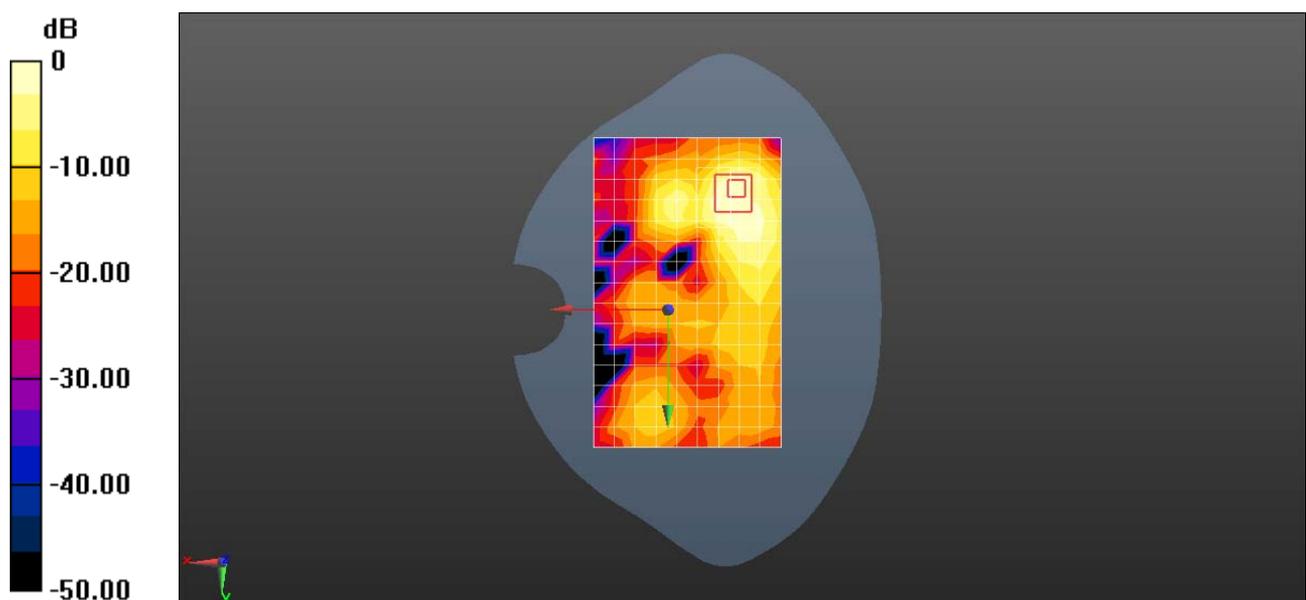
**Configuration/Body/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.290 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.072 W/kg**

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



0 dB = 0.228 W/kg = -6.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band VII 20M QPSK 1RB 50 Offset 21100CH Back Side 15mm- Main Antenna**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.031$  S/m;  $\epsilon_r = 51.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.31, 4.31, 4.31); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.265 W/kg

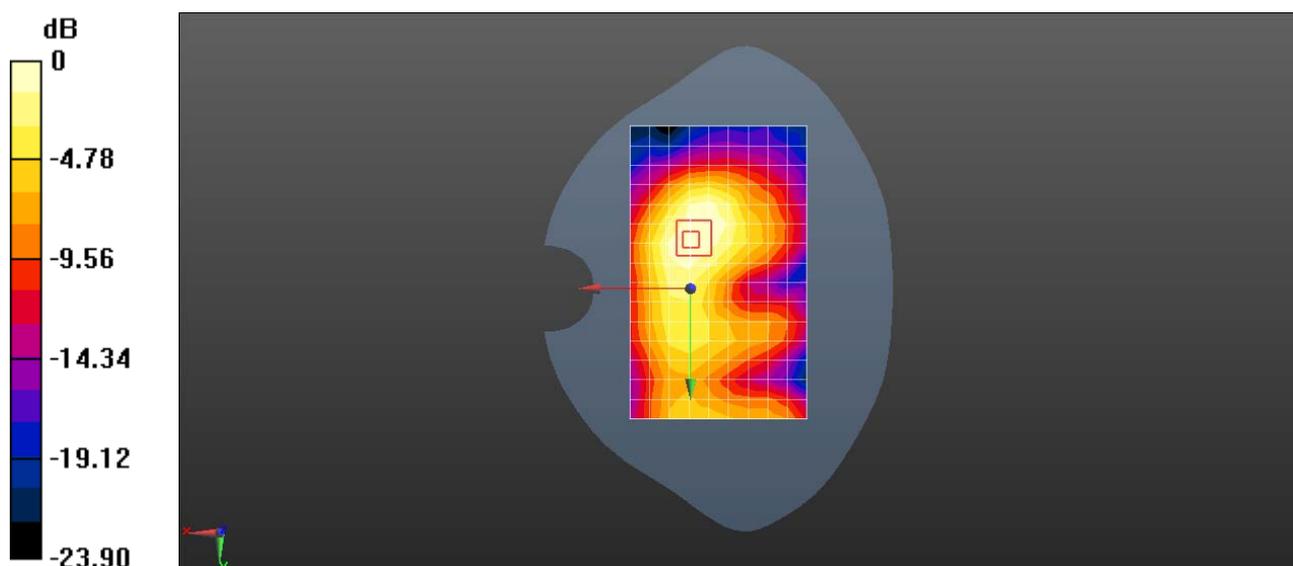
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.204 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.424 W/kg

**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.265 W/kg = -5.77 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 LTE Band XII 10M QPSK 1RB 25 Offset 23095CH Right Touch with Battery2-Main Antenna

**DUT: BND-L24; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.875$  S/m;  $\epsilon_r = 41.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.44, 9.44, 9.44); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

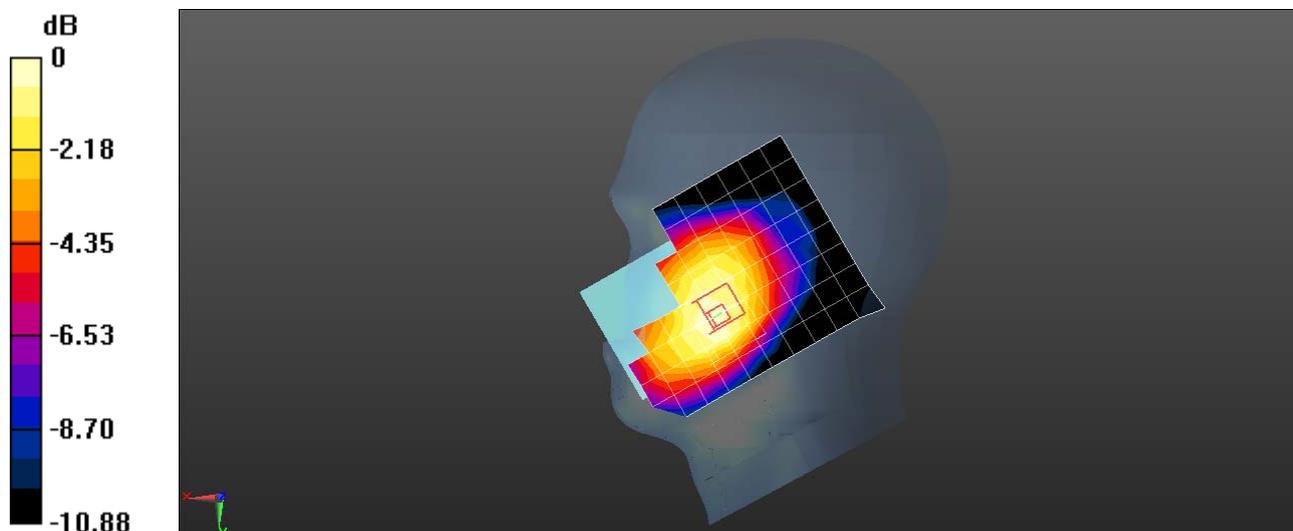
Reference Value = 7.419 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.318 W/kg

**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.196 W/kg**

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

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



0 dB = 0.293 W/kg = -5.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band XII 10M QPSK 1RB 25 Offset 23130CH Back Side 10mm with battery3-Main Antenna**

**DUT: BND-L24; 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:  $f = 711$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 53.611$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.62, 9.62, 9.62); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.431 W/kg

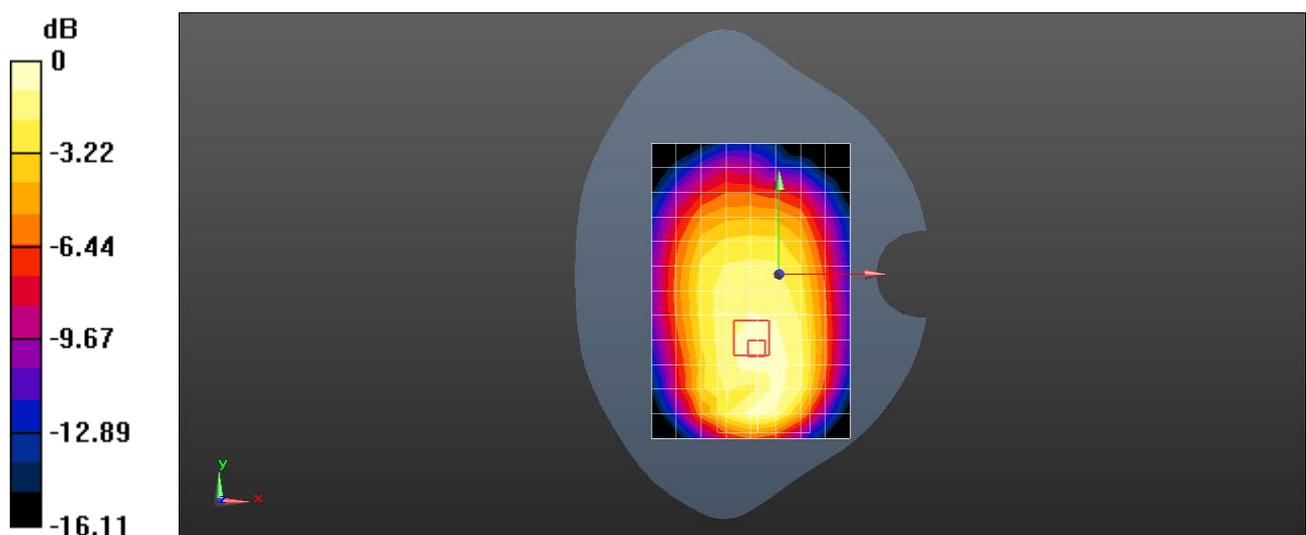
**Configuration/Body/Zoom Scan (8x10x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.21 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.558 W/kg

**SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.274 W/kg**

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



0 dB = 0.479 W/kg = -3.20 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 LTE Band XII 10M QPSK 1RB 25 Offset 23130CH Back side 15mm with Battery3-Main Antenna**

**DUT: BND-L24; 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:  $f = 711$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 53.611$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(9.62, 9.62, 9.62); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.350 W/kg

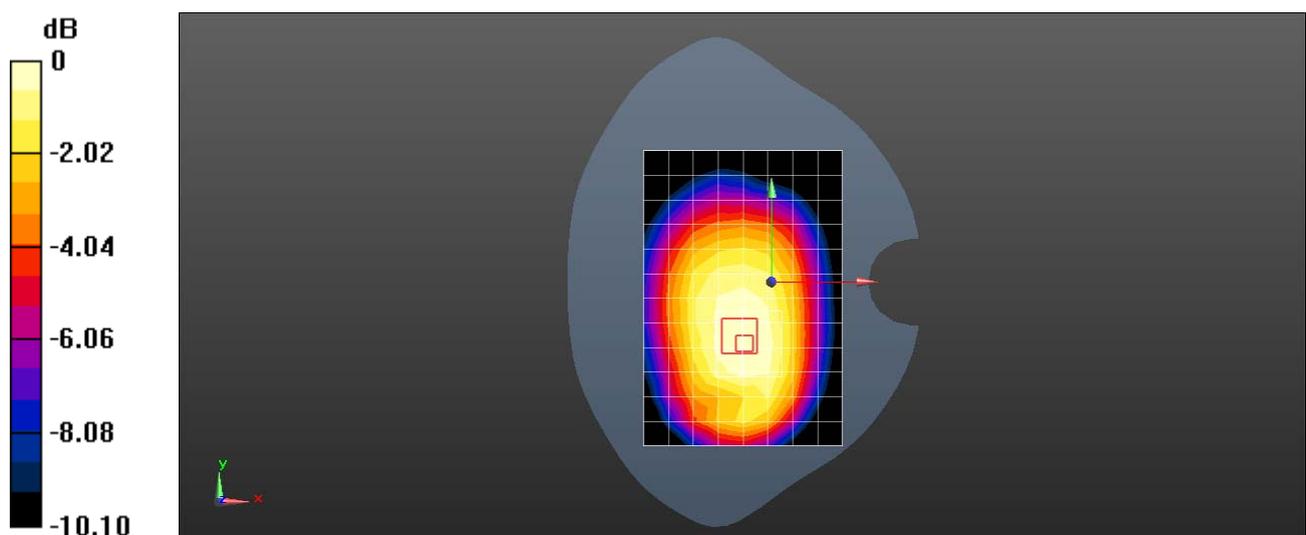
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.30 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### **BND-L24 WiFi 2.4G 11b 1CH Left Touch with Battery3**

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 40.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.72, 4.72, 4.72); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017-9-25
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.341 W/kg

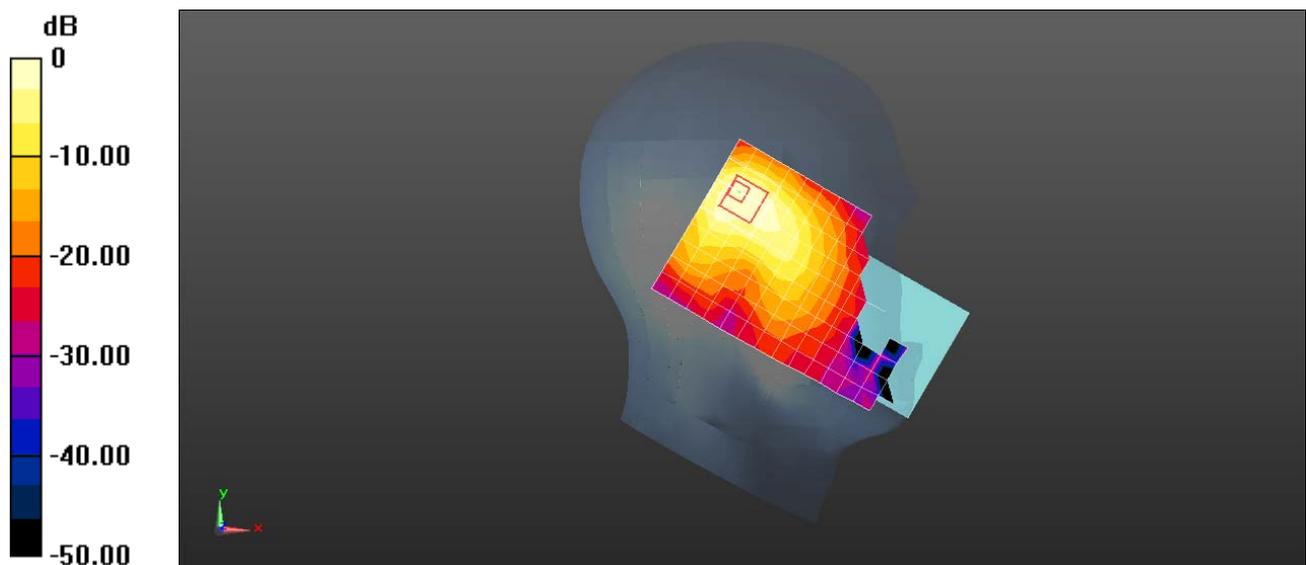
**Configuration/Head/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.112 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.657 W/kg

**SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.135 W/kg**

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



0 dB = 0.341 W/kg = -4.67 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 WiFi 2.4G 11b 1CH Back side 10mm with Battery2

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.915$  S/m;  $\epsilon_r = 54.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.59, 4.59, 4.59); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017-9-25
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.134 W/kg

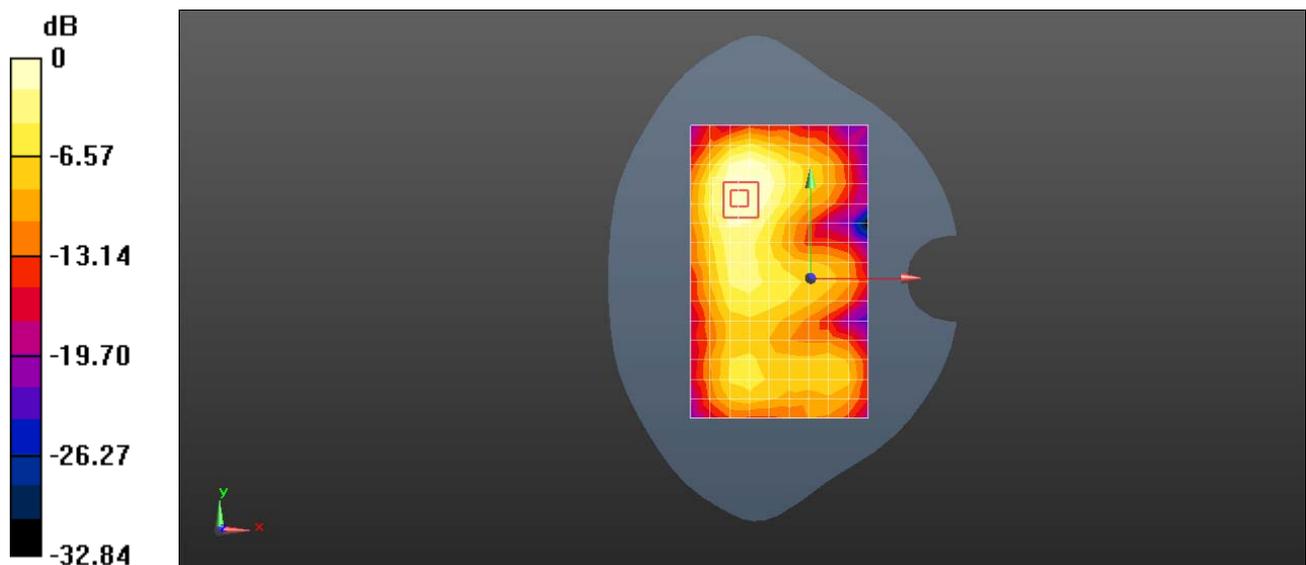
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.556 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.063 W/kg**

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



0 dB = 0.134 W/kg = -8.73 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## BND-L24 WiFi 2.4G 11b 1CH Back side 15mm with Battery2

**DUT: BND-L24; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.915$  S/m;  $\epsilon_r = 54.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.59, 4.59, 4.59); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017-9-25
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.0627 W/kg

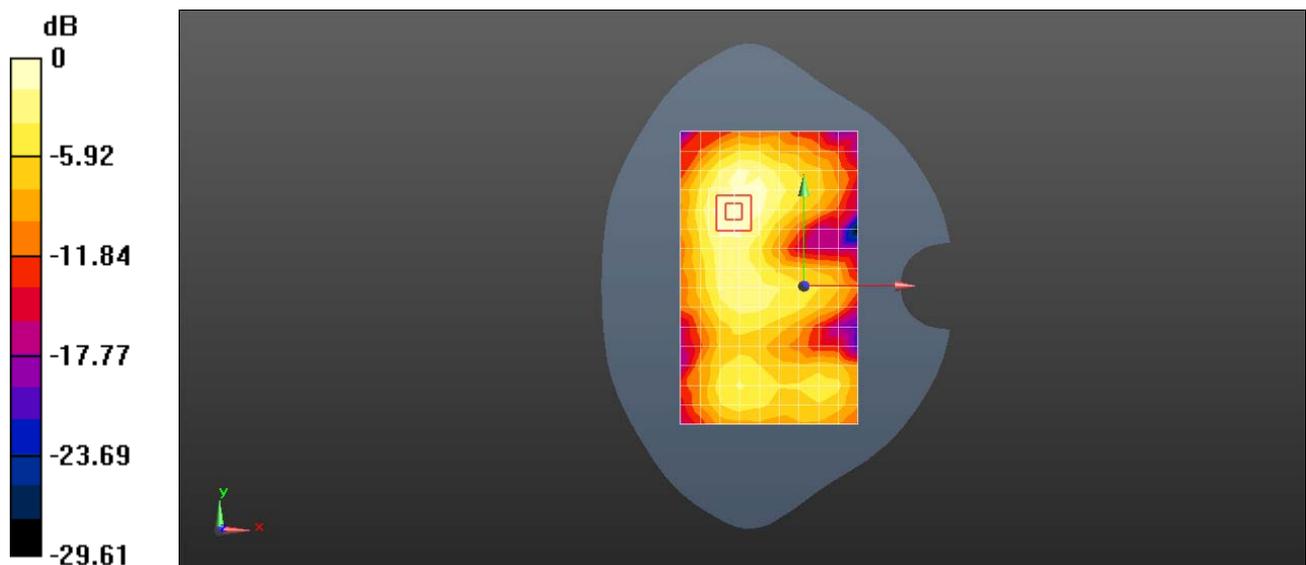
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.562 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0930 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0646 W/kg



0 dB = 0.0627 W/kg = -12.03 dBW/kg