

**Appendix B. DASY Measurement Results**

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**BT Body**

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM850 190CH Left Cheek with Battery2-Second Antenna

**DUT: LYA-L0C; 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:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 40.013$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 836.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.436 \text{ W/kg}$

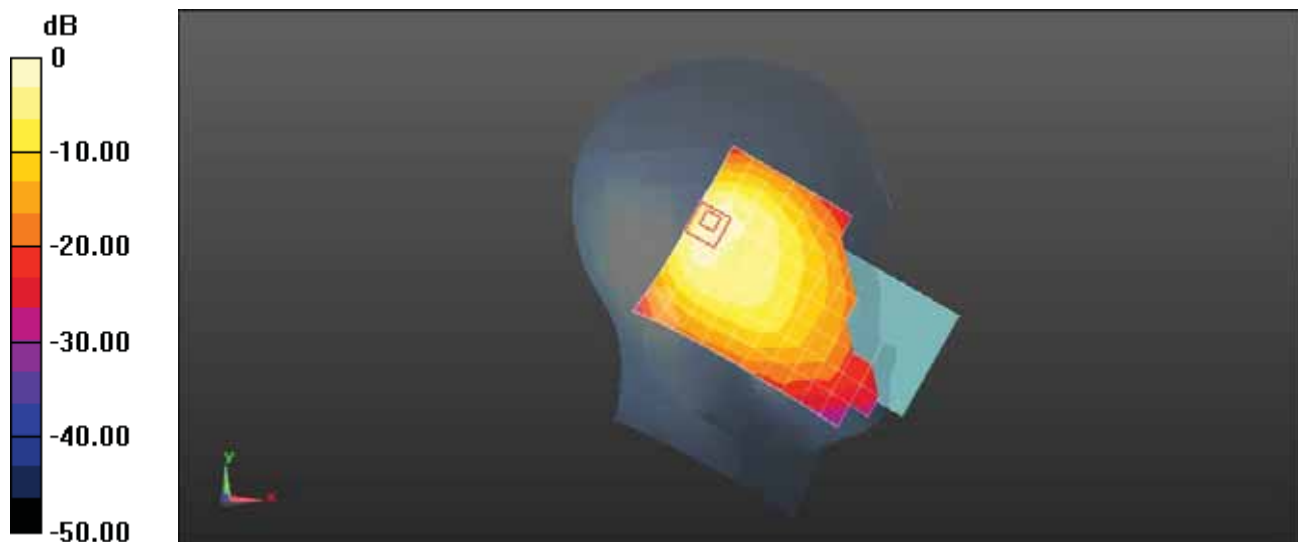
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.79 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$

Peak SAR (extrapolated) =  $0.524 \text{ W/kg}$

**SAR(1 g) =  $0.264 \text{ W/kg}$ ; SAR(10 g) =  $0.143 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.402 \text{ W/kg}$



$0 \text{ dB} = 0.436 \text{ W/kg} = -3.61 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM850 251CH Right Cheek with Battery2-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.885 \text{ S/m}$ ;  $\epsilon_r = 39.973$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 848.8 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.268 \text{ W/kg}$

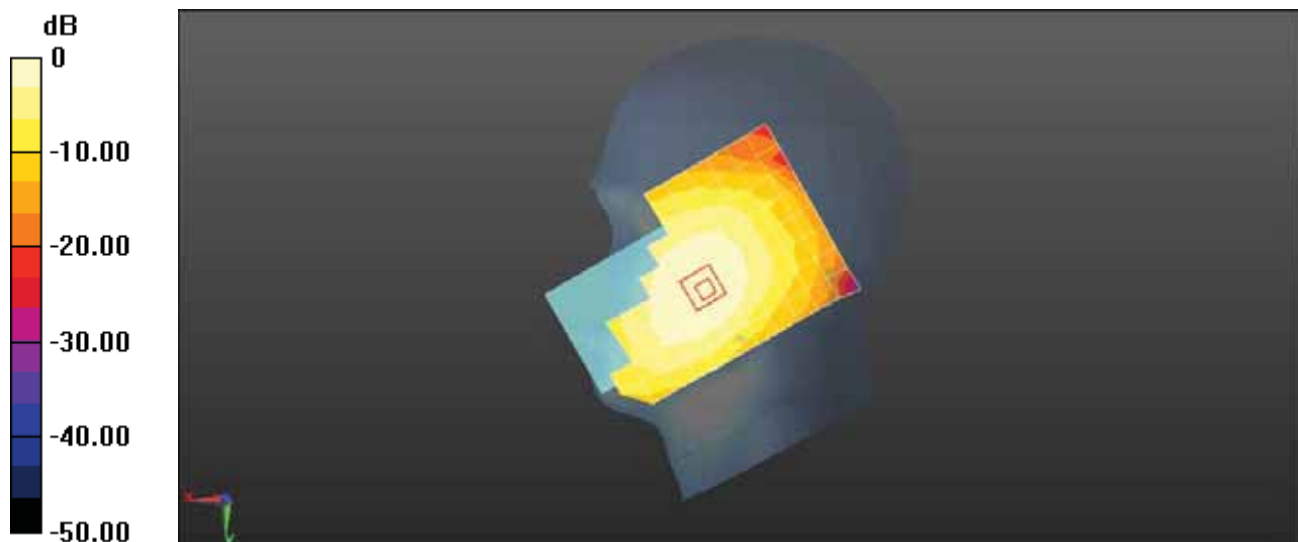
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.698 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.293 \text{ W/kg}$

**SAR(1 g) =  $0.235 \text{ W/kg}$ ; SAR(10 g) =  $0.184 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.276 \text{ W/kg}$



$0 \text{ dB} = 0.268 \text{ W/kg} = -5.72 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM850 190CH Back Side 15mm-Second Antenna

**DUT: LYA-L0C; 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:  $f = 837 \text{ MHz}$ ;  $\sigma = 1.012 \text{ S/m}$ ;  $\epsilon_r = 53.811$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.0506 \text{ W/kg}$

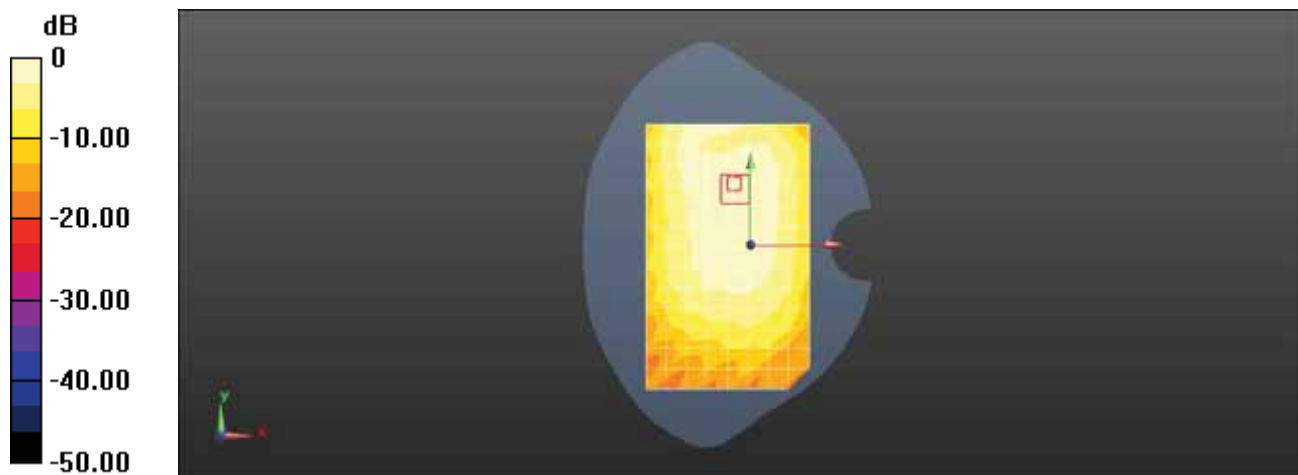
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.190 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$

Peak SAR (extrapolated) =  $0.0530 \text{ W/kg}$

**SAR(1 g) =  $0.039 \text{ W/kg}$ ; SAR(10 g) =  $0.029 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0482 \text{ W/kg}$



0 dB =  $0.0506 \text{ W/kg}$  =  $-12.96 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM850 190CH Back Side 15mm-Main Antenna

**DUT: LYA-L0C; 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:  $f = 837 \text{ MHz}$ ;  $\sigma = 1.012 \text{ S/m}$ ;  $\epsilon_r = 53.811$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

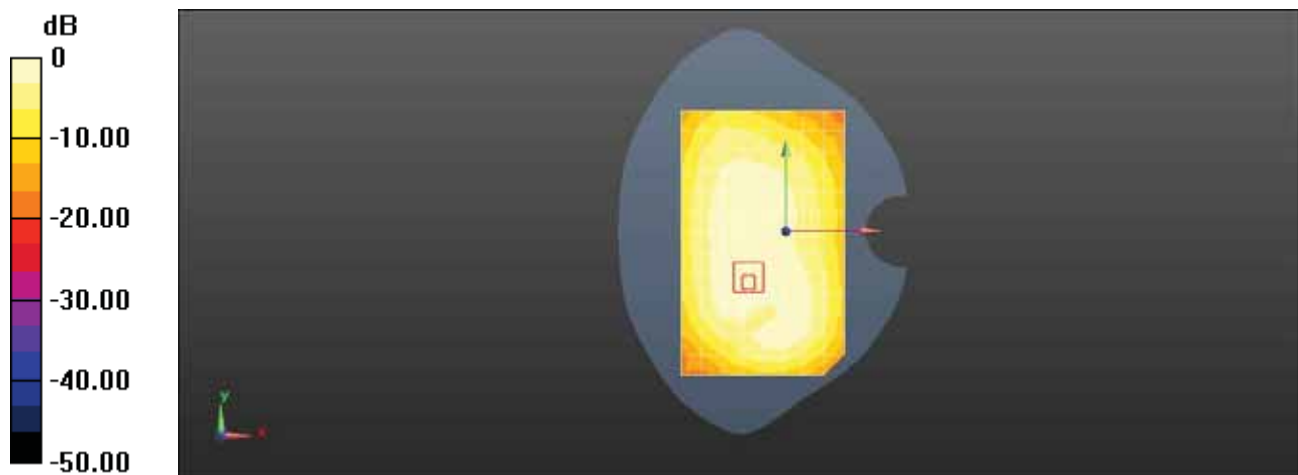
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.26 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.141 W/kg**

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



0 dB = 0.221 W/kg = -6.56 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM850 GPRS 2TS 190CH Front Side 10mm-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used (interpolated):  $f = 837\text{MHz}$ ;  $\sigma = 1.012\text{ S/m}$ ;  $\epsilon_r = 53.811$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.102\text{ W/kg}$

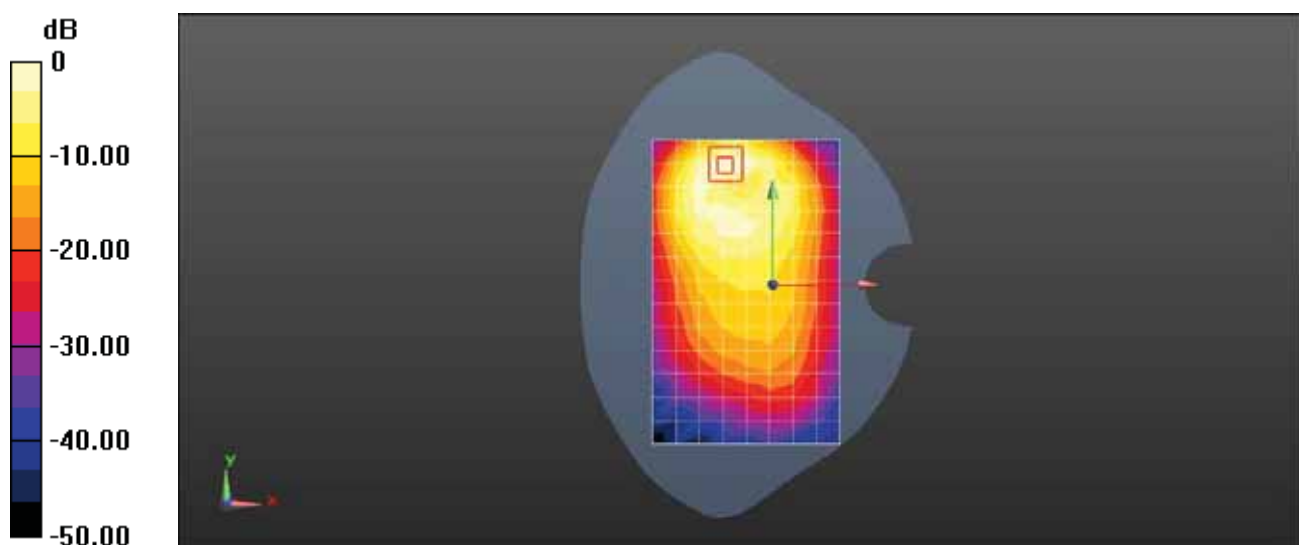
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.926\text{ V/m}$ ; Power Drift =  $-0.14\text{ dB}$

Peak SAR (extrapolated) =  $0.137\text{ W/kg}$

**SAR(1 g) =  $0.082\text{ W/kg}$ ; SAR(10 g) =  $0.048\text{ W/kg}$**

Maximum value of SAR (measured) =  $0.115\text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM850 GPRS 2TS 190CH Back Side 10mm with Battery2-Main Antenna

**DUT: LYA-L0C; 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;  $\sigma = 1.012$  S/m;  $\epsilon_r = 53.811$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.6 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM4; Type: SAM; Serial: 1620
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.427 W/kg

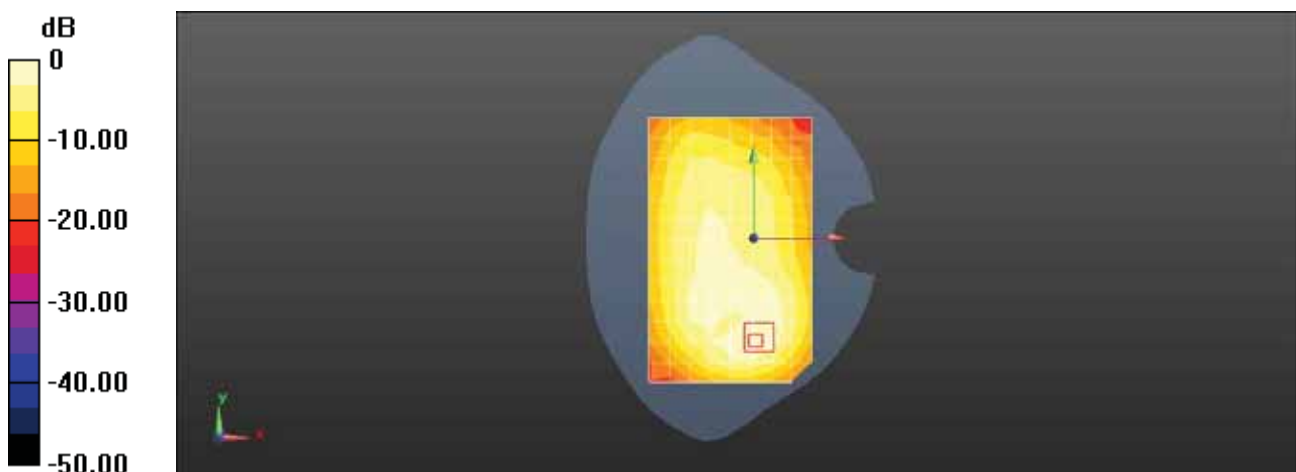
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.45 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.483 W/kg

**SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.185 W/kg**

Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM1900 661CH Right Tilt with Battery2-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 38.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.178 W/kg

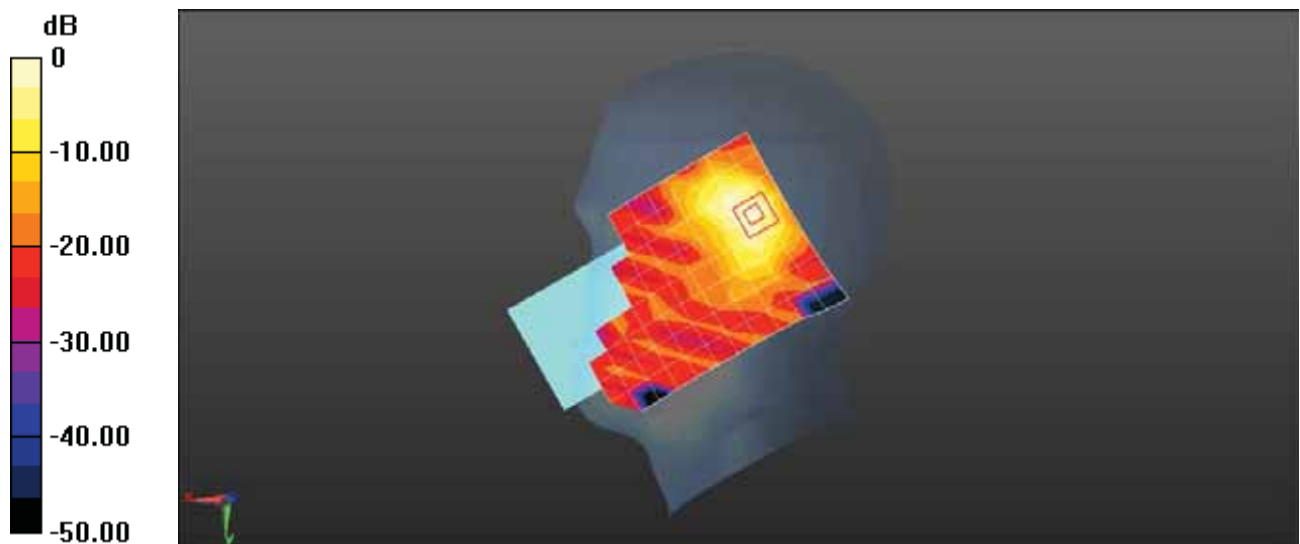
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.077 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM1900 661CH Left Cheek with Battery2-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 38.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.0728 W/kg

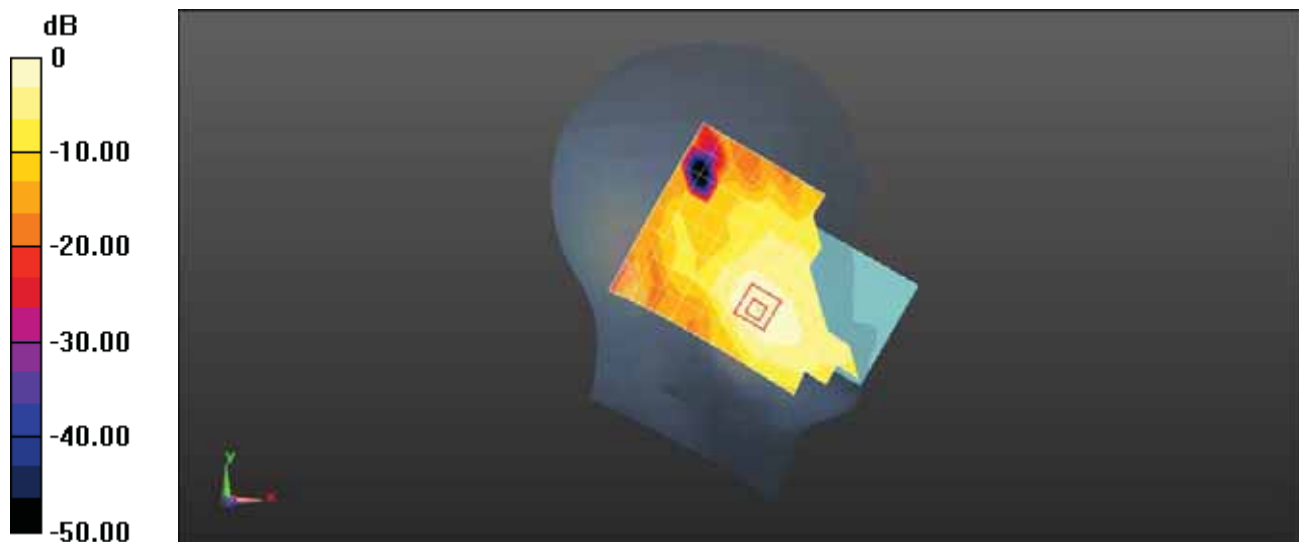
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.833 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0810 W/kg

**SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.0712 W/kg



0 dB = 0.0728 W/kg = -11.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM1900 661CH Back Side 15mm with Battery2-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 52.506$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.0197 \text{ W/kg}$

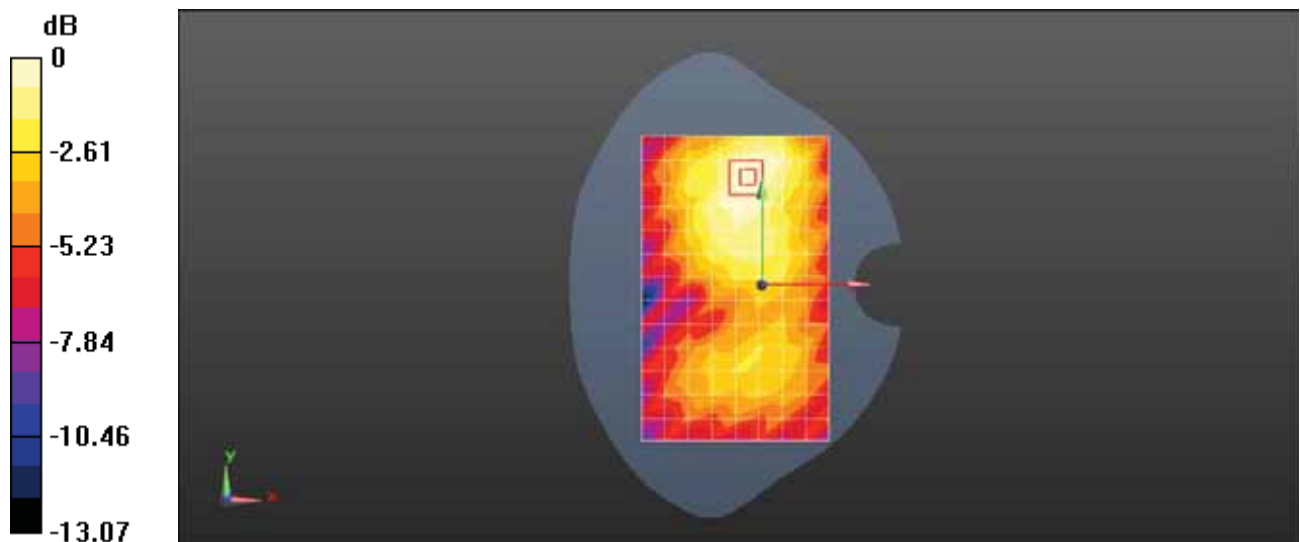
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.257 \text{ V/m}$ ; Power Drift =  $-0.18 \text{ dB}$

Peak SAR (extrapolated) =  $0.0320 \text{ W/kg}$

**SAR(1 g) =  $0.015 \text{ W/kg}$ ; SAR(10 g) =  $0.007 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0211 \text{ W/kg}$



0 dB =  $0.0197 \text{ W/kg}$  =  $-17.06 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM1900 661CH Back Side 15mm-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 52.506$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.274 \text{ W/kg}$

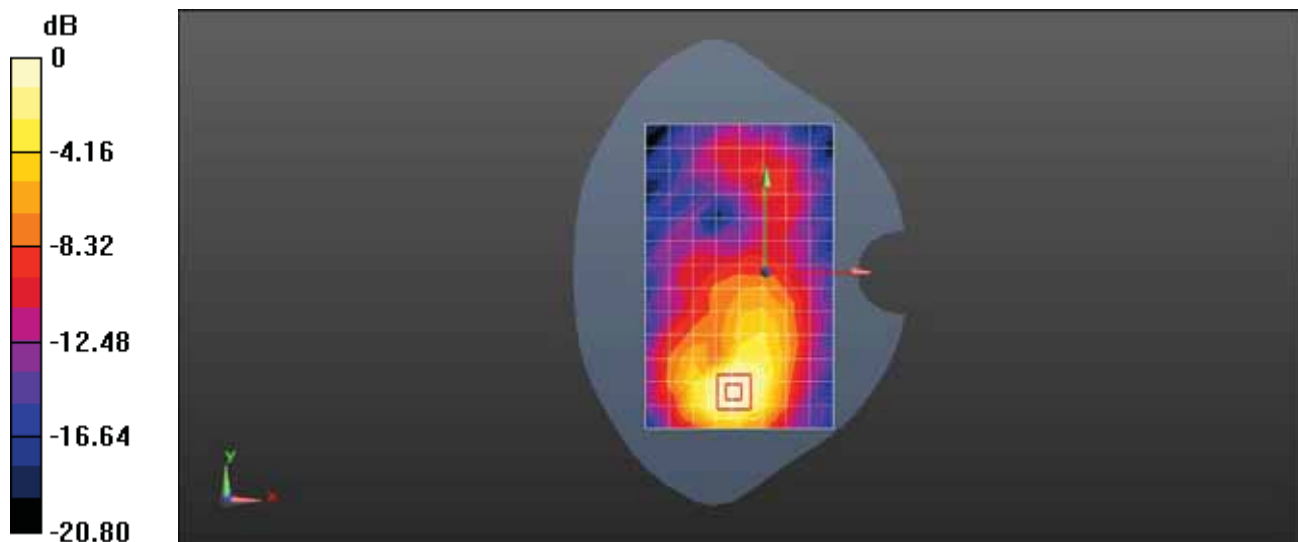
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.87 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.372 \text{ W/kg}$

**SAR(1 g) =  $0.233 \text{ W/kg}$ ; SAR(10 g) =  $0.134 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.326 \text{ W/kg}$



0 dB =  $0.274 \text{ W/kg}$  =  $-5.62 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C GSM1900 GPRS 2TS 661CH Top Side 10mm with Battery2-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 52.506$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (5x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.0705 \text{ W/kg}$

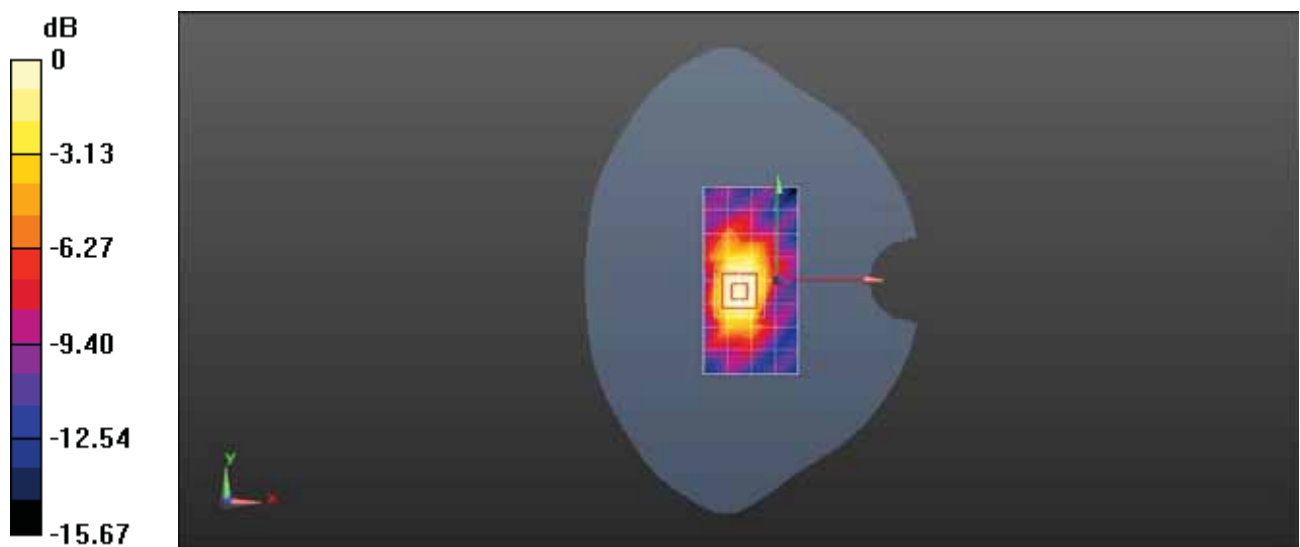
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.888 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.131 \text{ W/kg}$

**SAR(1 g) =  $0.077 \text{ W/kg}$ ; SAR(10 g) =  $0.037 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.111 \text{ W/kg}$



0 dB =  $0.0705 \text{ W/kg}$  =  $-11.52 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C GSM1900 GPRS 2TS 661CH Bottom Side 10mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 52.506$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (5x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.282 \text{ W/kg}$

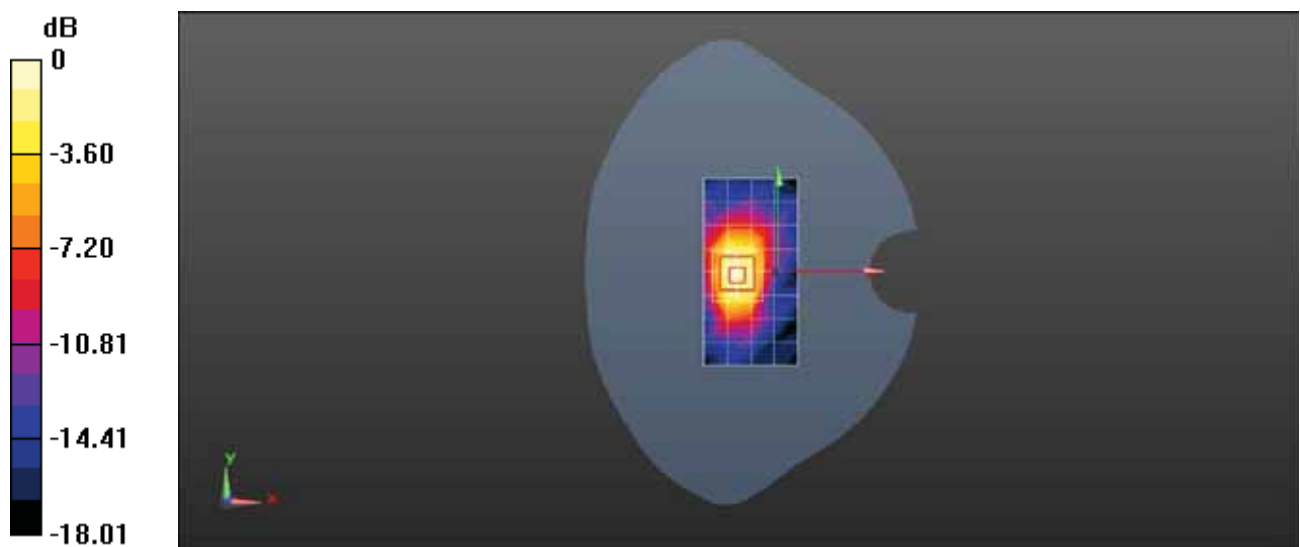
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.011 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.450 \text{ W/kg}$

**SAR(1 g) =  $0.260 \text{ W/kg}$ ; SAR(10 g) =  $0.133 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.389 \text{ W/kg}$



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

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C GSM1900 GPRS 2TS 512CH Bottom Side 0mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.10015

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.544$  S/m;  $\epsilon_r = 52.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1850.2 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM4; Type: SAM; Serial: 1620
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (5x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 3.05 W/kg

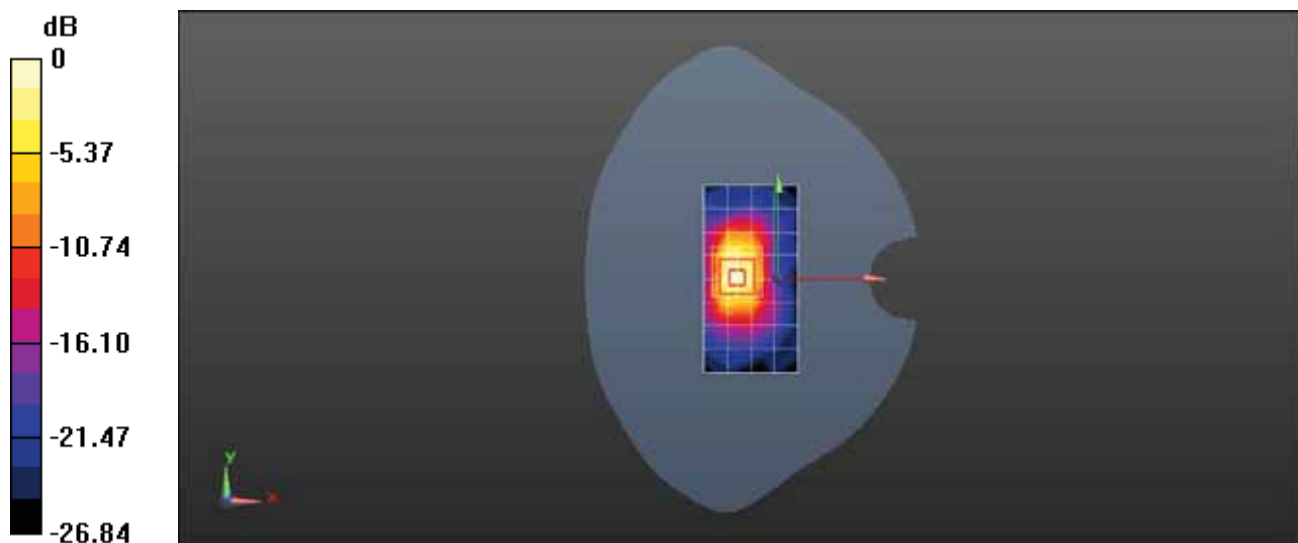
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.527 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 7.70 W/kg

**SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.59 W/kg**

Maximum value of SAR (measured) = 6.49 W/kg



0 dB = 3.05 W/kg = 4.84 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band II 9538CH Right Tilt-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.387$  S/m;  $\epsilon_r = 38.639$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66) @ 1907.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.342 W/kg

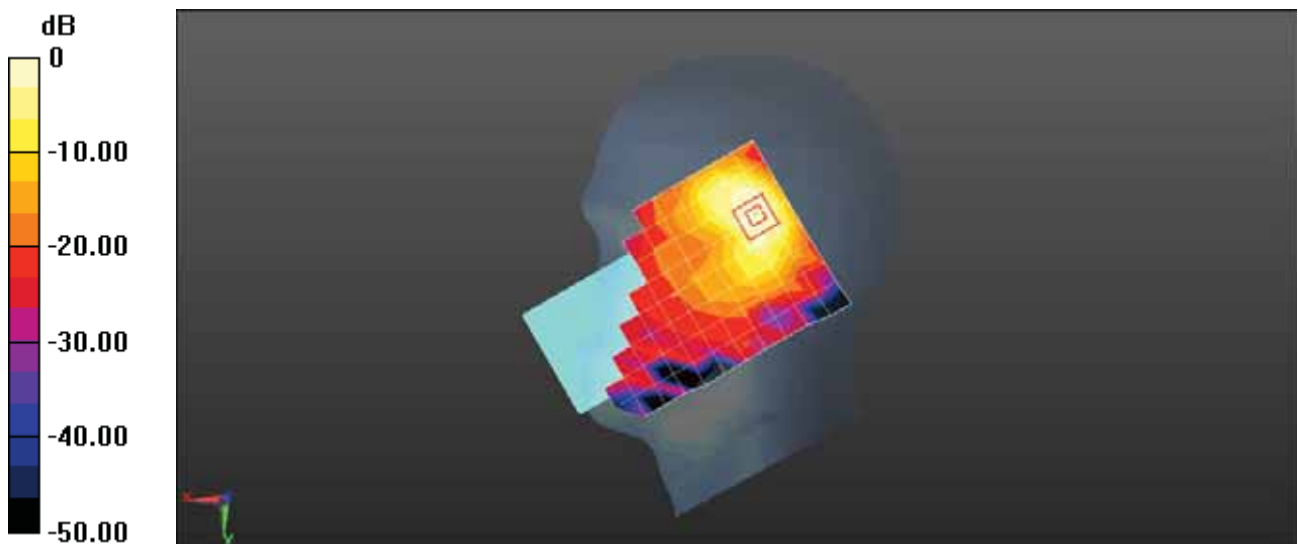
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.08 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.814 W/kg

**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.181 W/kg**

Maximum value of SAR (measured) = 0.670 W/kg



0 dB = 0.342 W/kg = -4.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band II 9400CH Left Cheek-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 38.672$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.191 W/kg

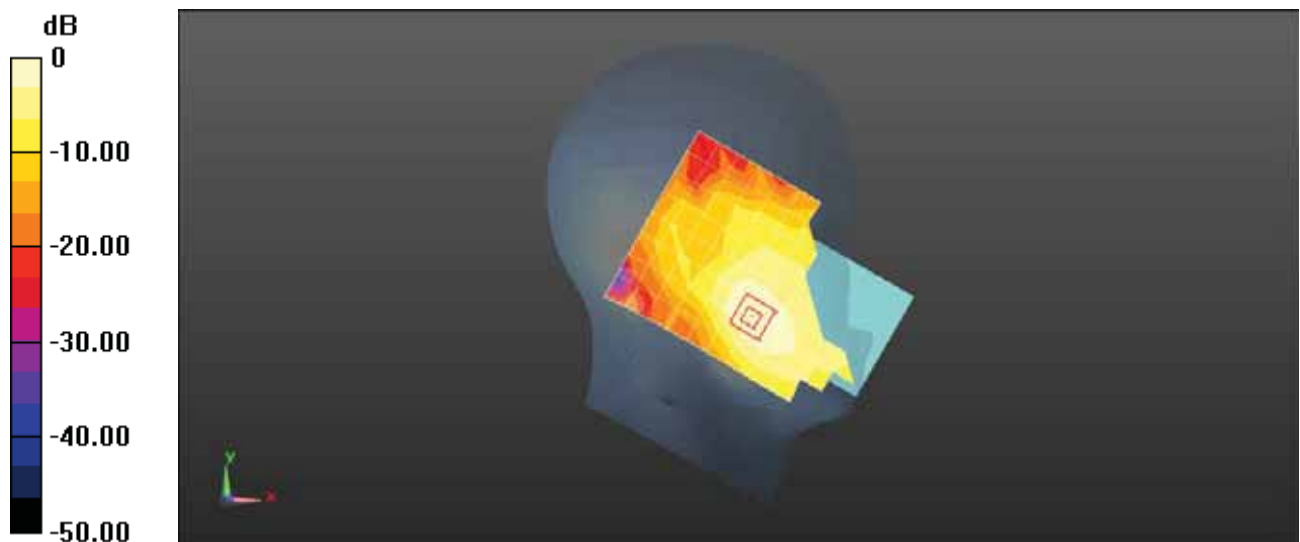
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.097 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.211 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.093 W/kg**

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



0 dB = 0.191 W/kg = -7.19 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band II 9400CH Back Side 15mm-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.565$  S/m;  $\epsilon_r = 52.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.0840 W/kg

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

Reference Value = 7.062 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0950 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.032 W/kg**

Maximum value of SAR (measured) = 0.0820 W/kg



0 dB = 0.0840 W/kg = -10.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band II 9400CH Back Side 15mm-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 52.506$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.717 \text{ W/kg}$

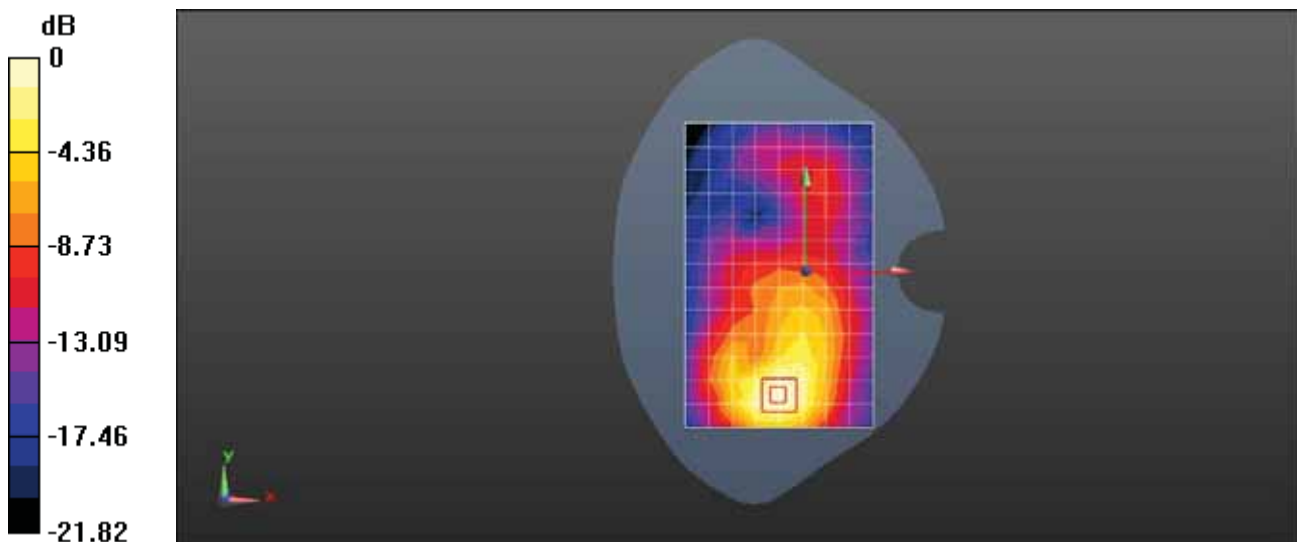
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $20.43 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.957 \text{ W/kg}$

**SAR(1 g) =  $0.598 \text{ W/kg}$ ; SAR(10 g) =  $0.342 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.842 \text{ W/kg}$



$0 \text{ dB} = 0.717 \text{ W/kg} = -1.44 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band II 9400CH Top Side 10mm with Battery2-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.565$  S/m;  $\epsilon_r = 52.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.145 W/kg

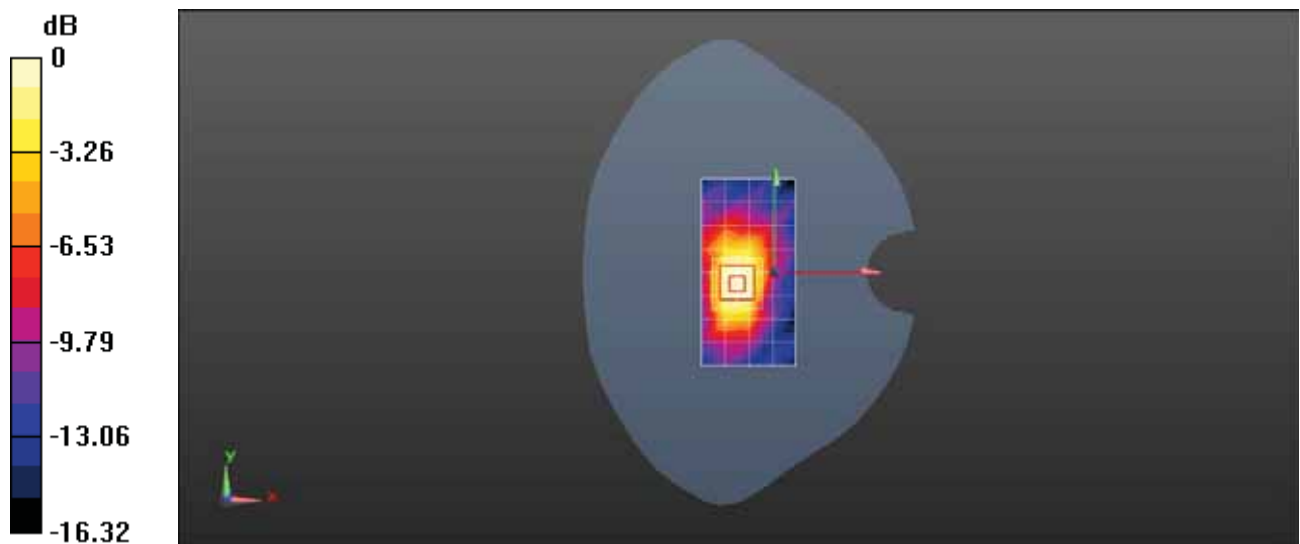
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.088 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.275 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.081 W/kg**

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



0 dB = 0.145 W/kg = -8.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band II 9400CH Bottom Side 10mm-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.565$  S/m;  $\epsilon_r = 52.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial:1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.536 W/kg

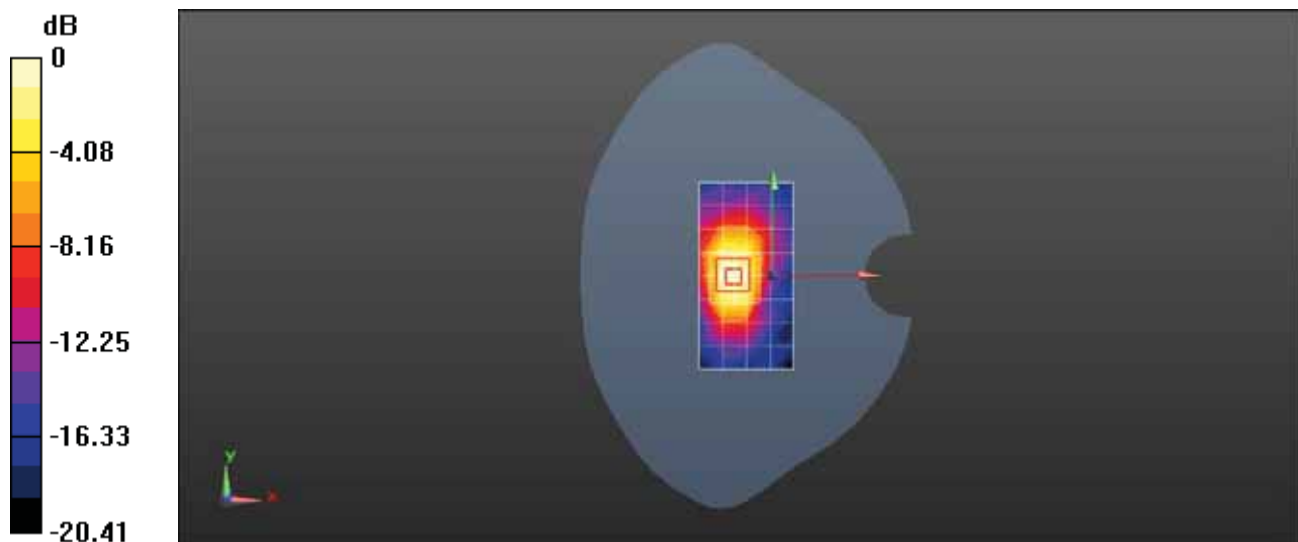
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.087 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.892 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.268 W/kg**

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



Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band II 9400CH Bottom Side 0mm-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.565$  S/m;  $\epsilon_r = 52.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 3.21 W/kg

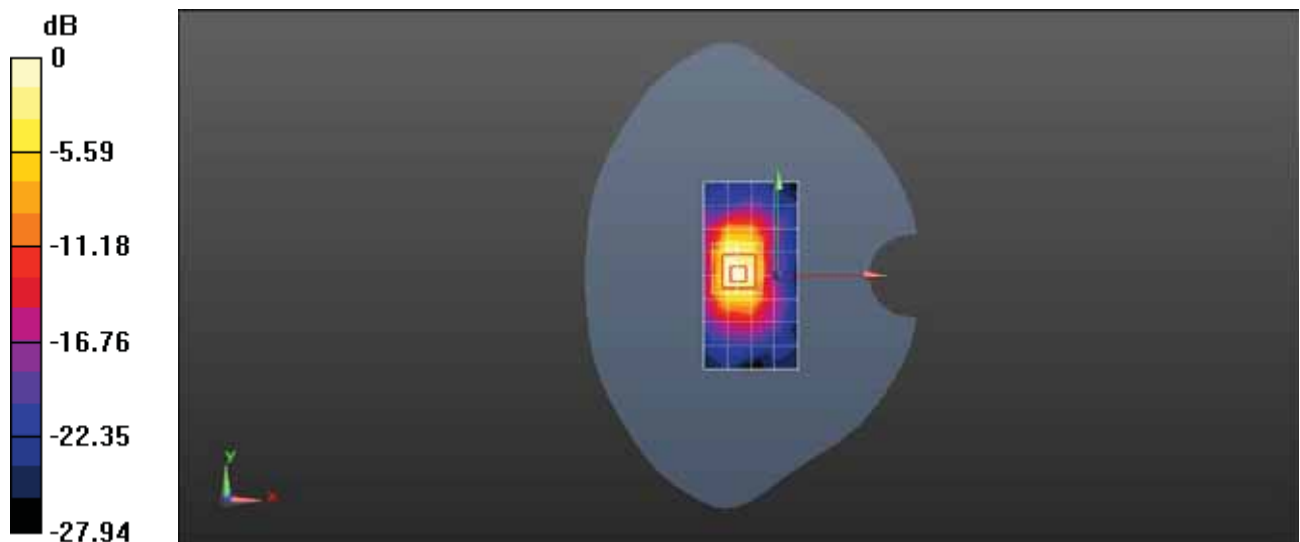
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.48 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 8.82 W/kg

**SAR(1 g) = 4.18 W/kg; SAR(10 g) = 1.82 W/kg**

Maximum value of SAR (measured) = 7.34 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band IV 1513CH Right Cheek with Battery2-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.319$  S/m;  $\epsilon_r = 39.904$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ι Probe: EX3DV4 - SN3736; ConvF(8.32, 8.32, 8.32) @ 1752.6 MHz; Calibrated: 2018-4-27
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ι Phantom: SAM1; Type: SAM; Serial: 1475
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.220 W/kg

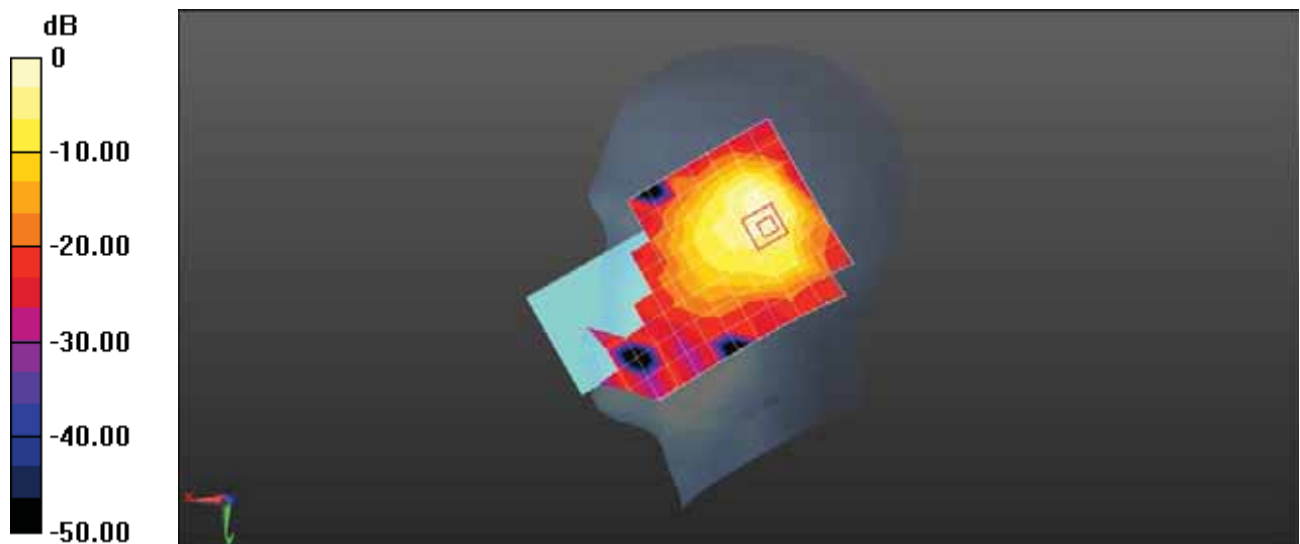
**Configuration/Head/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.07 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.288 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.064 W/kg**

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



0 dB = 0.220 W/kg = -6.58 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band IV 1513CH Left Cheek-Main Antenna

**DUT: LYA-L0C; 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:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.326 \text{ S/m}$ ;  $\epsilon_r = 39.806$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.9, 8.9, 8.9) @ 1752.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.216 \text{ W/kg}$

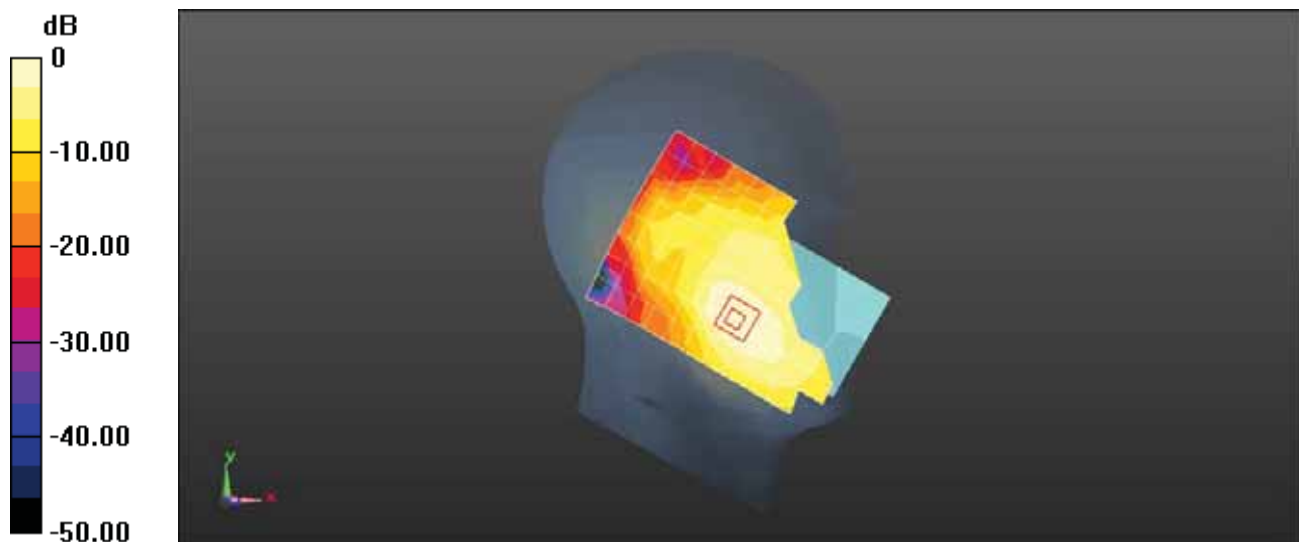
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.012 \text{ V/m}$ ; Power Drift =  $-0.18 \text{ dB}$

Peak SAR (extrapolated) =  $0.254 \text{ W/kg}$

**SAR(1 g) =  $0.180 \text{ W/kg}$ ; SAR(10 g) =  $0.119 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.230 \text{ W/kg}$



0 dB =  $0.216 \text{ W/kg}$  =  $-6.66 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band IV 1413CH Back Side 15mm-Second Antenna

**DUT: LYA-L0C; 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;  $\sigma = 1.522$  S/m;  $\epsilon_r = 52.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1732.6 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.0696 W/kg

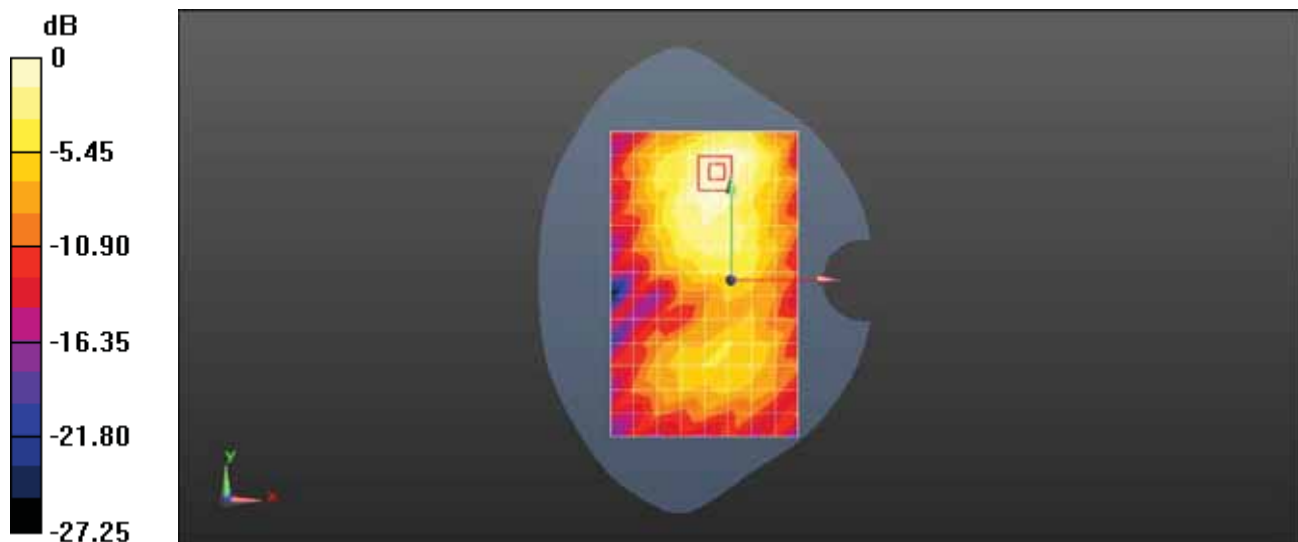
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.262 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.0696 W/kg = -11.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band IV 1413CH Back Side 15mm-Main Antenna

**DUT: LYA-L0C; 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:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.522 \text{ S/m}$ ;  $\epsilon_r = 52.93$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1732.6 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM4; Type: SAM; Serial: 1620
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.814 \text{ W/kg}$

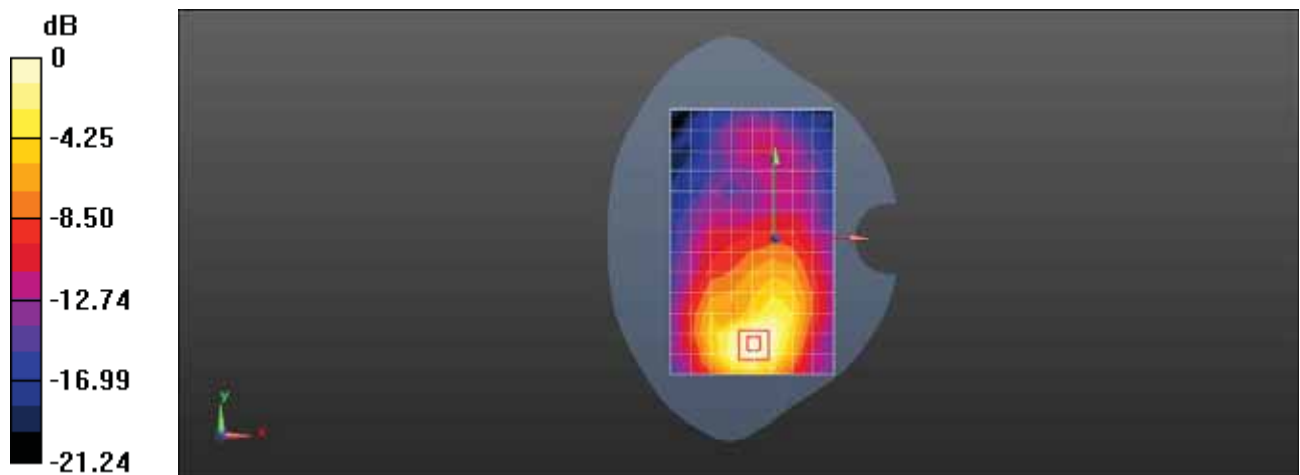
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.36 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$

Peak SAR (extrapolated) =  $1.13 \text{ W/kg}$

**SAR(1 g) =  $0.731 \text{ W/kg}$ ; SAR(10 g) =  $0.431 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.992 \text{ W/kg}$



0 dB =  $0.814 \text{ W/kg}$  =  $-0.89 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band IV 1413CH Top Side 10mm with Battery2-Second Antenna

**DUT: LYA-L0C; 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:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.522 \text{ S/m}$ ;  $\epsilon_r = 52.93$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1732.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.200 \text{ W/kg}$

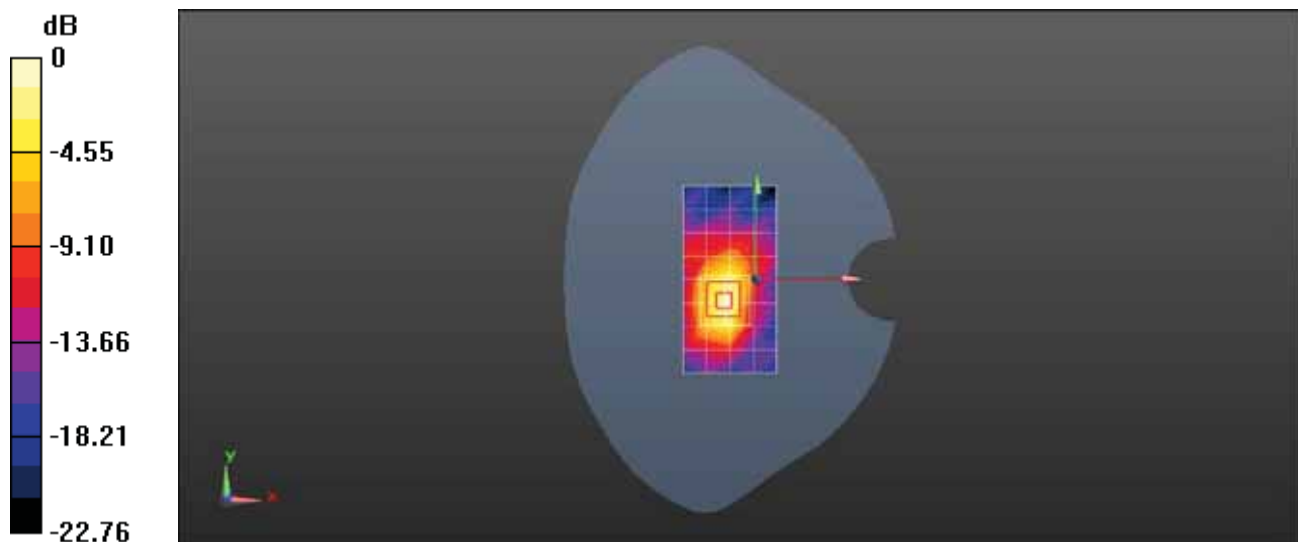
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.354 \text{ V/m}$ ; Power Drift =  $-0.17 \text{ dB}$

Peak SAR (extrapolated) =  $0.269 \text{ W/kg}$

**SAR(1 g) =  $0.138 \text{ W/kg}$ ; SAR(10 g) =  $0.068 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.231 \text{ W/kg}$



0 dB =  $0.200 \text{ W/kg}$  =  $-6.99 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band IV 1413CH Bottom Side 10mm with Battery2-Main Antenna

**DUT: LYA-L0C; 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:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.522 \text{ S/m}$ ;  $\epsilon_r = 52.93$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1732.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.877 \text{ W/kg}$

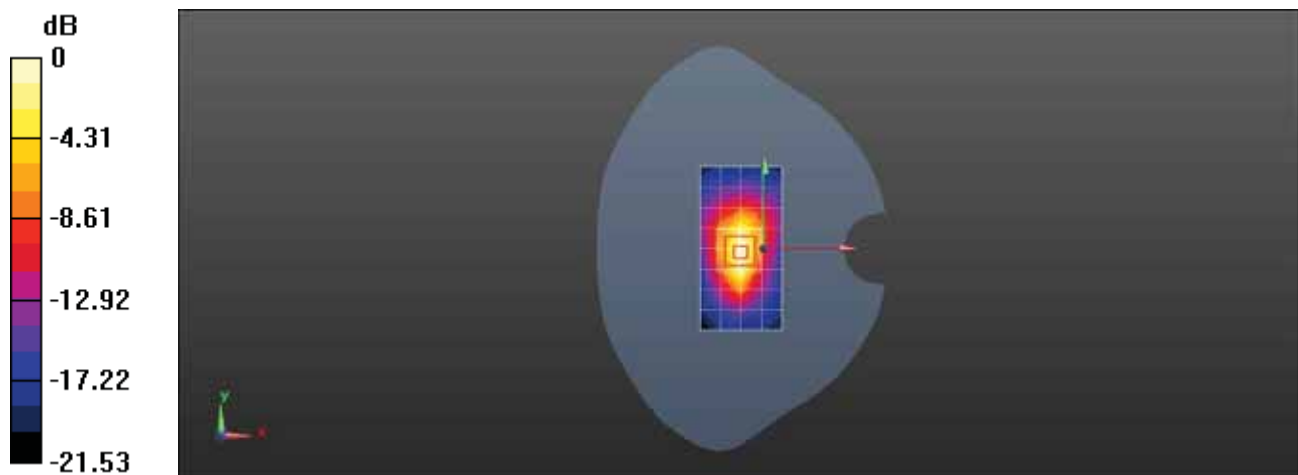
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.00 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $1.03 \text{ W/kg}$

**SAR(1 g) =  $0.614 \text{ W/kg}$ ; SAR(10 g) =  $0.323 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.893 \text{ W/kg}$



0 dB =  $0.877 \text{ W/kg}$  =  $-0.57 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band IV 1513CH Bottom Side 8mm-Main Antenna

**DUT: LYA-L0C; 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;  $\sigma = 1.537$  S/m;  $\epsilon_r = 52.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1752.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 5.16 W/kg

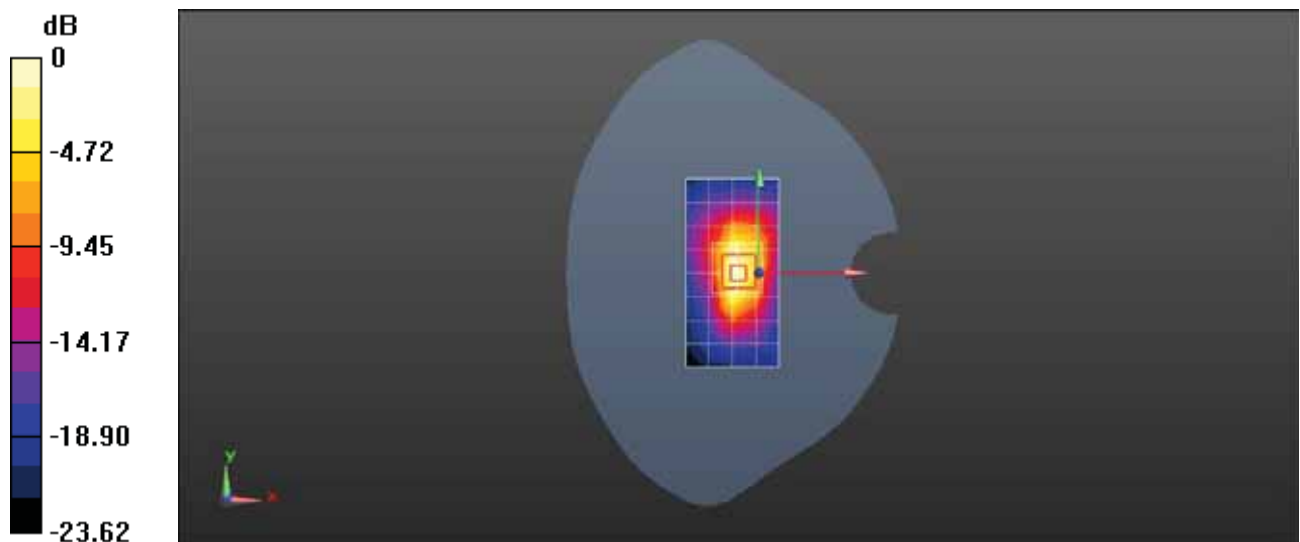
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 61.05 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.25 W/kg

**SAR(1 g) = 4.1 W/kg; SAR(10 g) = 2.05 W/kg**

Maximum value of SAR (measured) = 6.04 W/kg



0 dB = 5.16 W/kg = 7.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band V 4182CH Left Cheek with Battery2-Second Antenna

**DUT: LYA-L0C; 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;  $\sigma = 0.881$  S/m;  $\epsilon_r = 40.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 836.4 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM3; Type: SAM; Serial: 1597
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

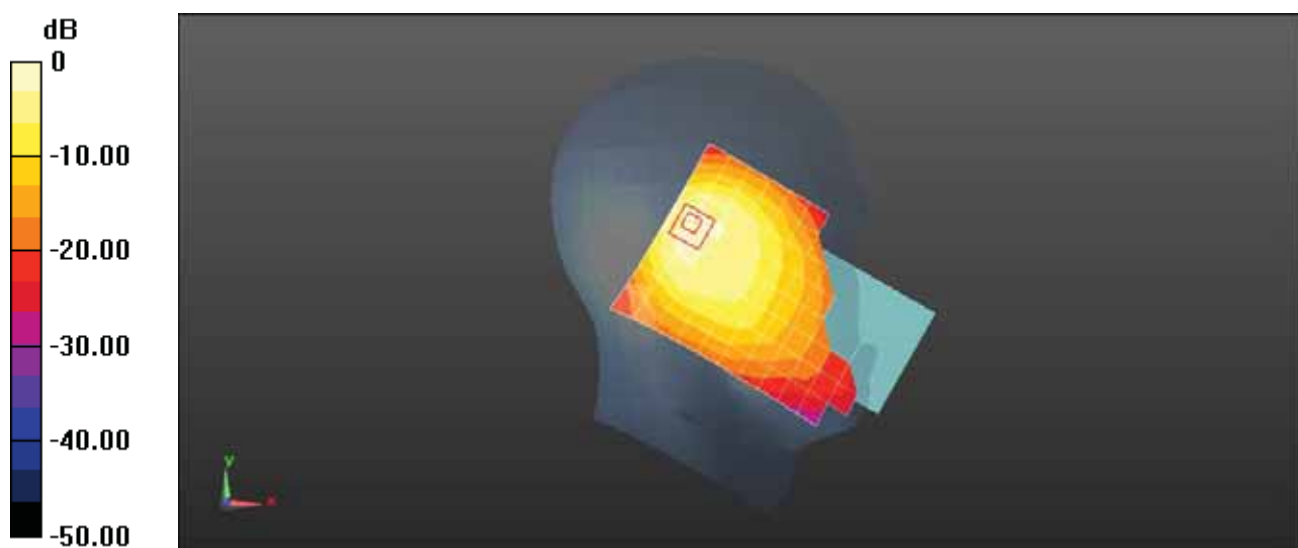
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.75 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.758 W/kg

**SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.191 W/kg.**

Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band V 4233CH Right Cheek with Battery2-Main Antenna

**DUT: LYA-L0C; 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;  $\sigma = 0.884$  S/m;  $\epsilon_r = 39.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 846.6 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM3; Type: SAM; Serial: 1597
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.262 W/kg

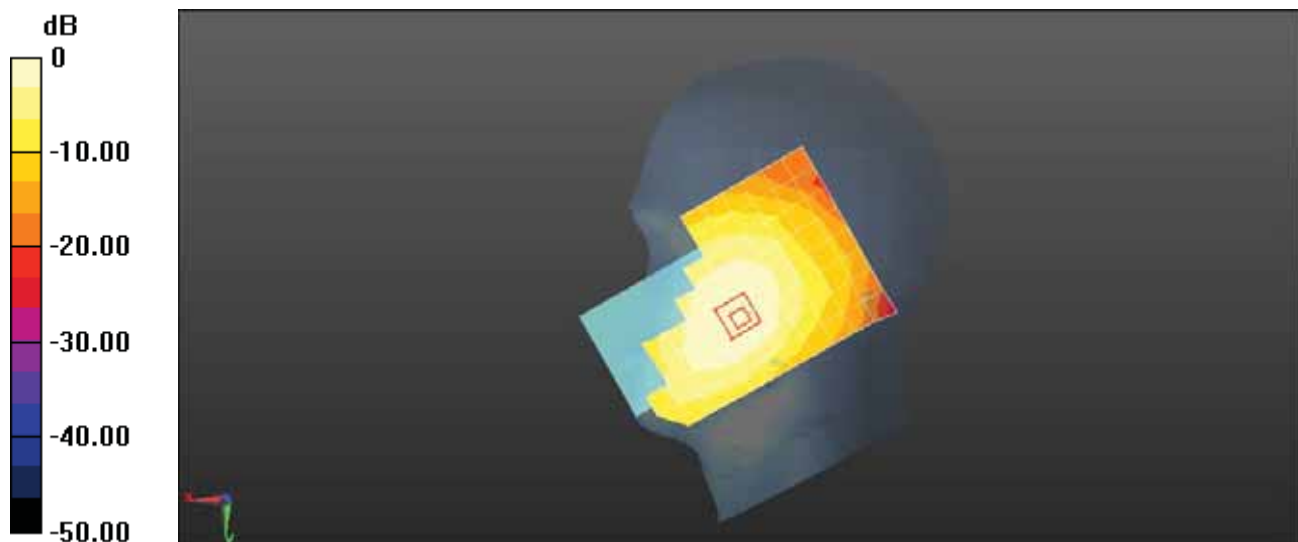
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.13 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.288 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.178 W/kg**

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



0 dB = 0.262 W/kg = -5.82 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band V 4182CH Back Side 15mm with Battery2-Second Antenna

**DUT: LYA-L0C; 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;  $\sigma = 1.012$  S/m;  $\epsilon_r = 53.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.4 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

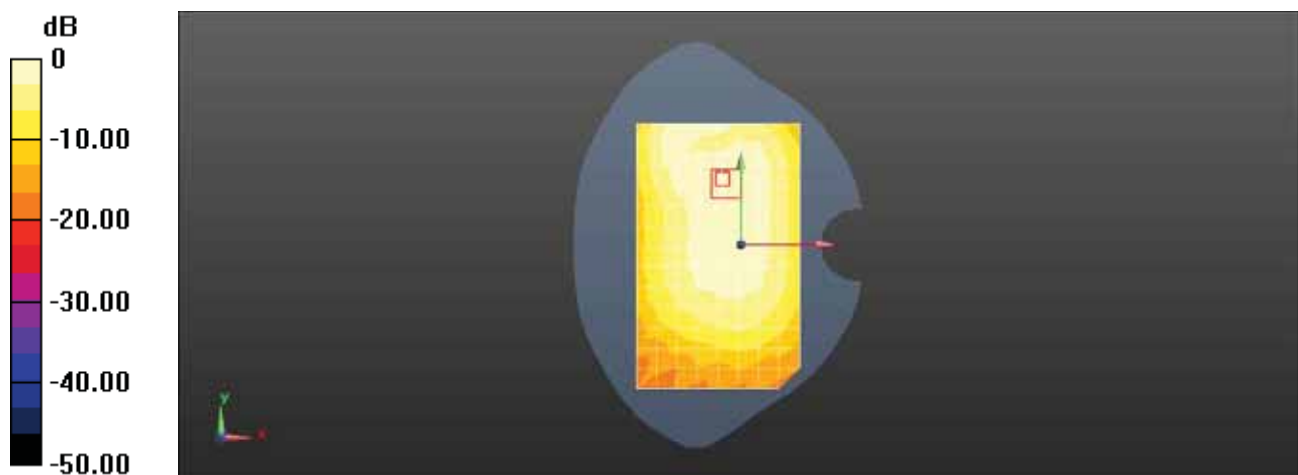
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.98 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.161 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band V 4182CH Back Side 15mm with Battery2-Main Antenna

**DUT: LYA-L0C; 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;  $\sigma = 1.012$  S/m;  $\epsilon_r = 53.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.4 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.320 W/kg

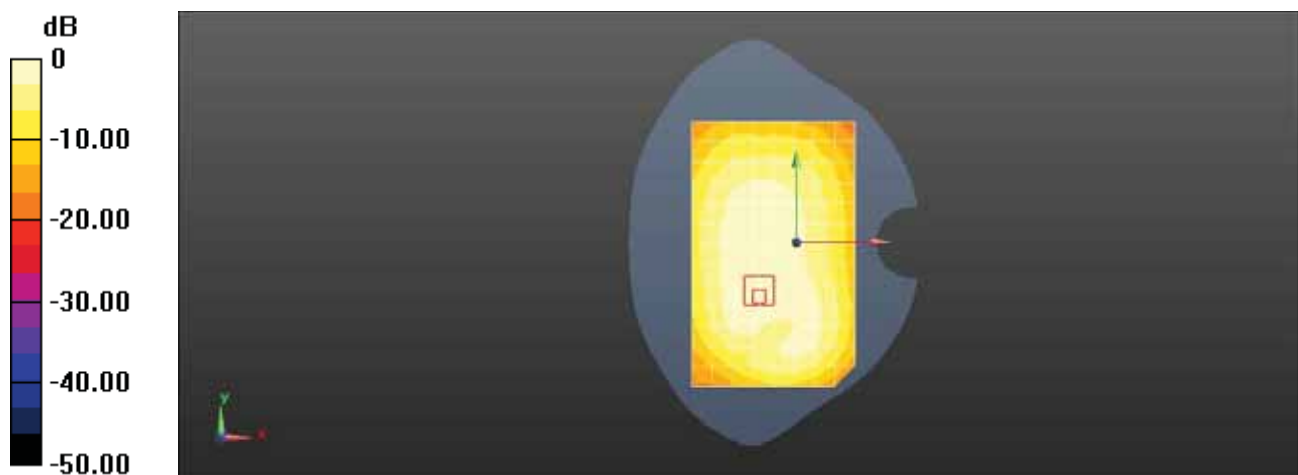
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.15 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.356 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band V 4182CH Back Side 10mm with Battery2-Second Antenna

**DUT: LYA-L0C; 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;  $\sigma = 1.012$  S/m;  $\epsilon_r = 53.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.4 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

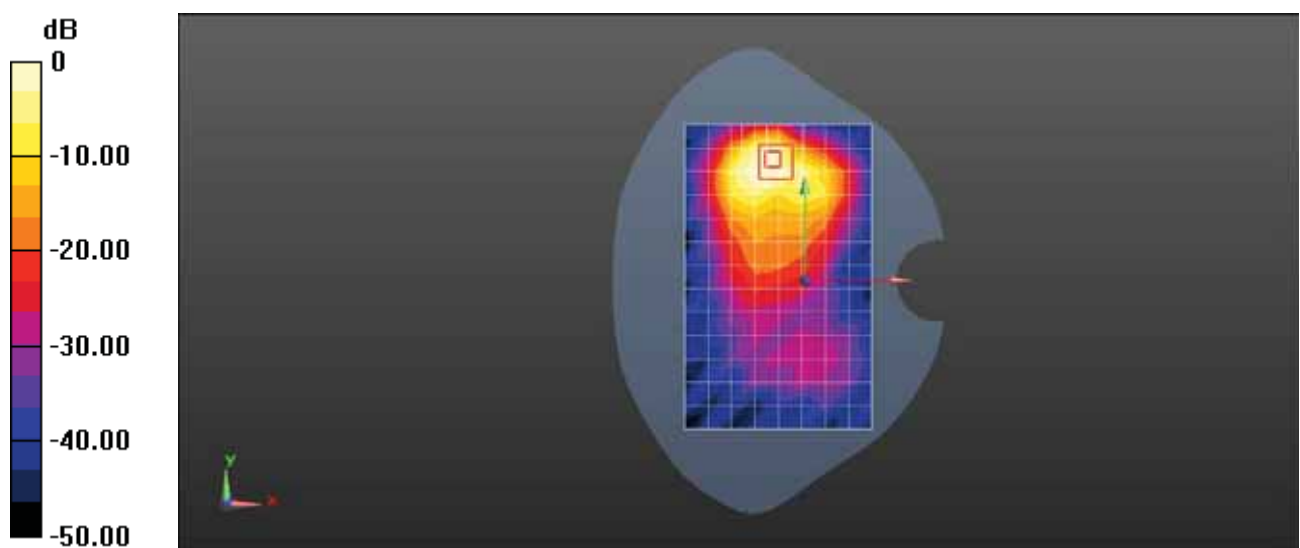
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.94 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.435 W/kg

**SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.150 W/kg**

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



0 dB = 0.348 W/kg = -4.58 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C UMTS Band V 4182CH Back Side 10mm with Battery2-Main Antenna

**DUT: LYA-L0C; 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;  $\sigma = 1.012$  S/m;  $\epsilon_r = 53.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 836.4 MHz; Calibrated: 2018-1-9
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ι Phantom: SAM4; Type: SAM; Serial: 1620
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.597 W/kg

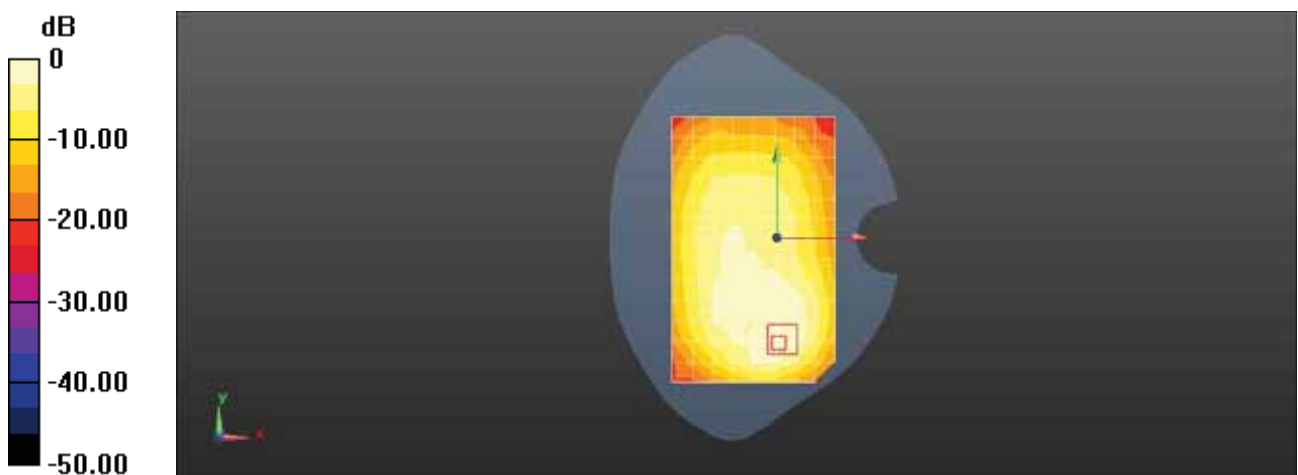
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.61 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.698 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.262 W/kg**

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



0 dB = 0.597 W/kg = -2.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 2 20M QPSK 1RB 99 Offset 18900CH Right Tilt with Battery2-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.371 \text{ S/m}$ ;  $\epsilon_r = 38.672$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66) @ 1880 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.210 \text{ W/kg}$

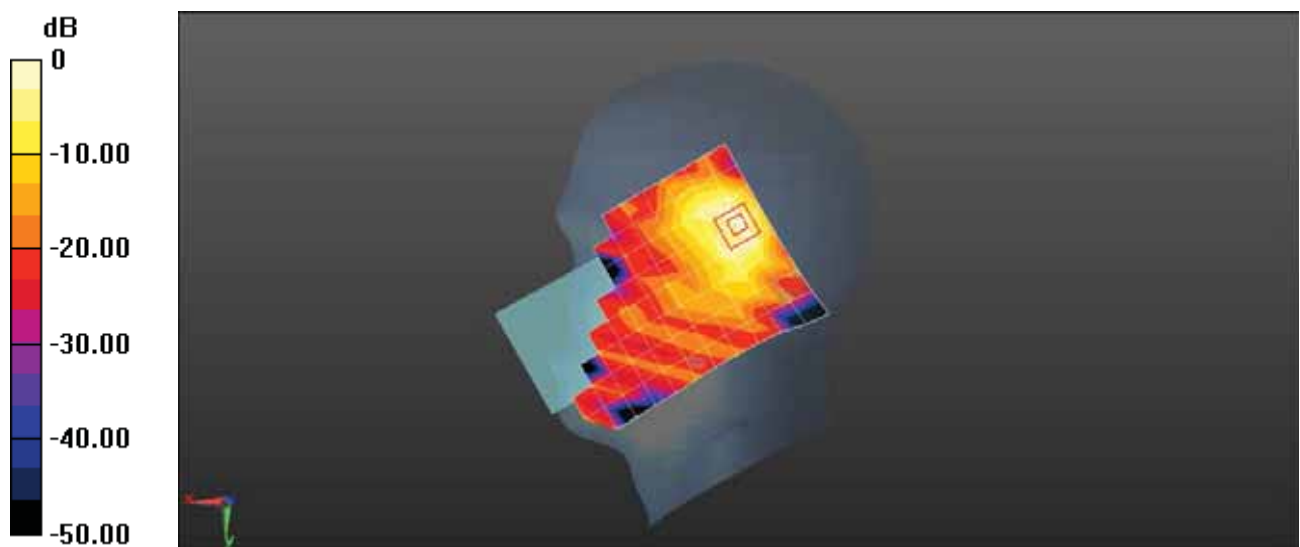
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.137 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$

Peak SAR (extrapolated) =  $0.415 \text{ W/kg}$

**SAR(1 g) =  $0.193 \text{ W/kg}$ ; SAR(10 g) =  $0.084 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.353 \text{ W/kg}$



$0 \text{ dB} = 0.210 \text{ W/kg} = -6.78 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 2 20M QPSK 1RB 0 Offset 18700CH Left Cheek with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1860 \text{ MHz}$ ;  $\sigma = 1.36 \text{ S/m}$ ;  $\epsilon_r = 38.703$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66) @ 1860 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.177 \text{ W/kg}$

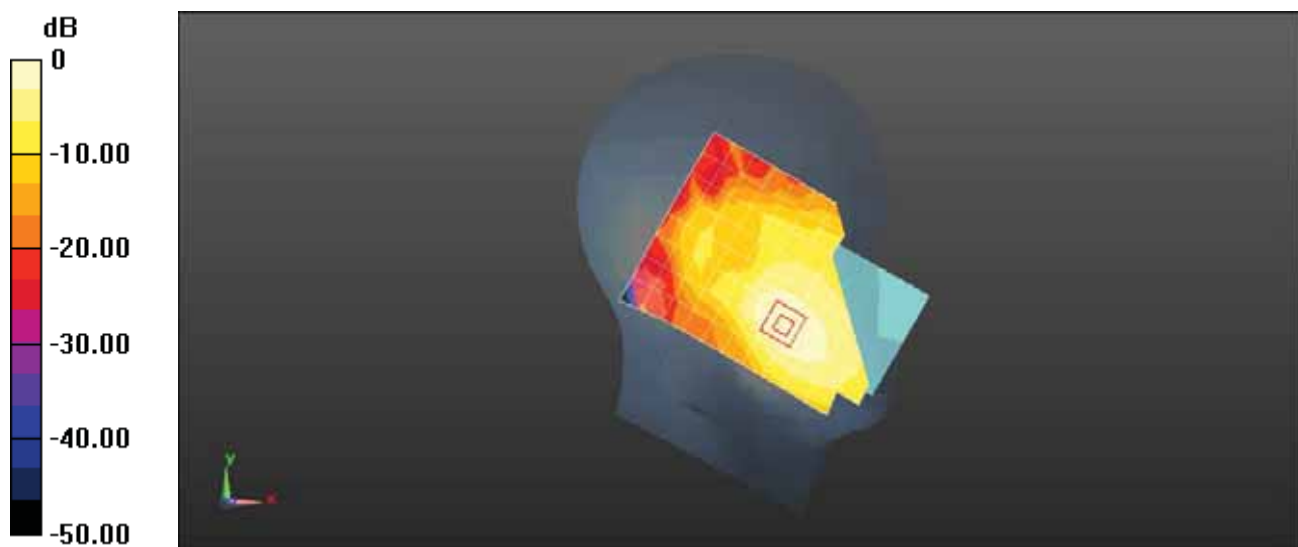
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.139 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.207 \text{ W/kg}$

**SAR(1 g) =  $0.142 \text{ W/kg}$ ; SAR(10 g) =  $0.091 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.181 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 2 20M QPSK 1RB 0 Offset 19100CH Back Side 15mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.578 \text{ S/m}$ ;  $\epsilon_r = 52.463$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1900 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.104 \text{ W/kg}$

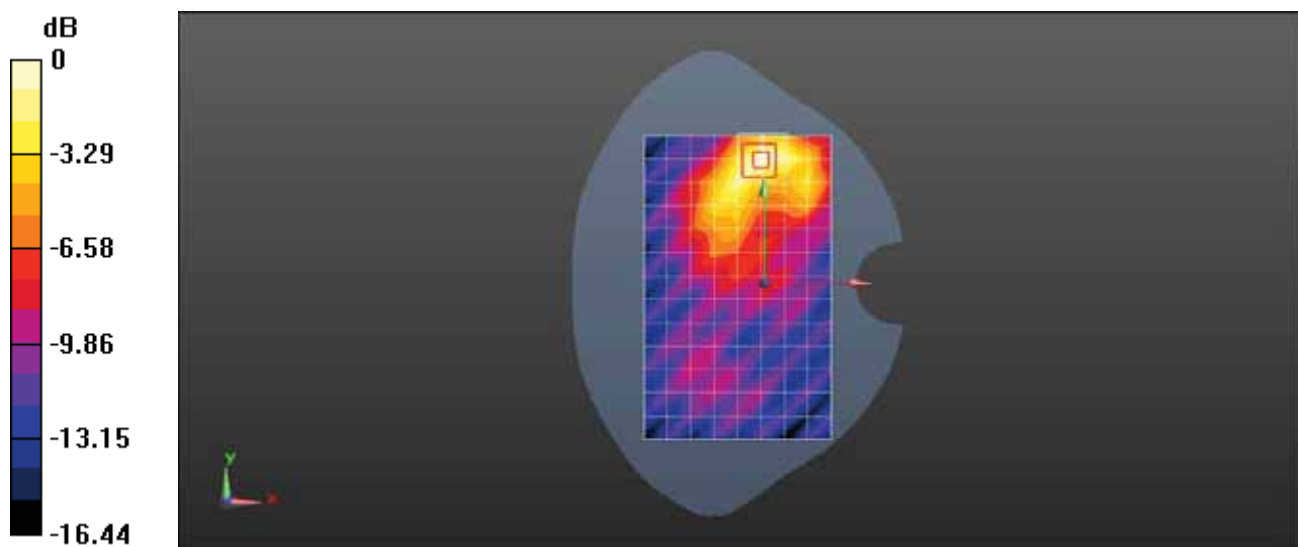
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.297 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.115 \text{ W/kg}$

**SAR(1 g) =  $0.068 \text{ W/kg}$ ; SAR(10 g) =  $0.038 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0990 \text{ W/kg}$



0 dB =  $0.104 \text{ W/kg}$  =  $-9.83 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 2 20M QPSK 1RB 0 Offset 18700CH Back Side 15mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1860 \text{ MHz}$ ;  $\sigma = 1.551 \text{ S/m}$ ;  $\epsilon_r = 52.539$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1860 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial:1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.337 \text{ W/kg}$

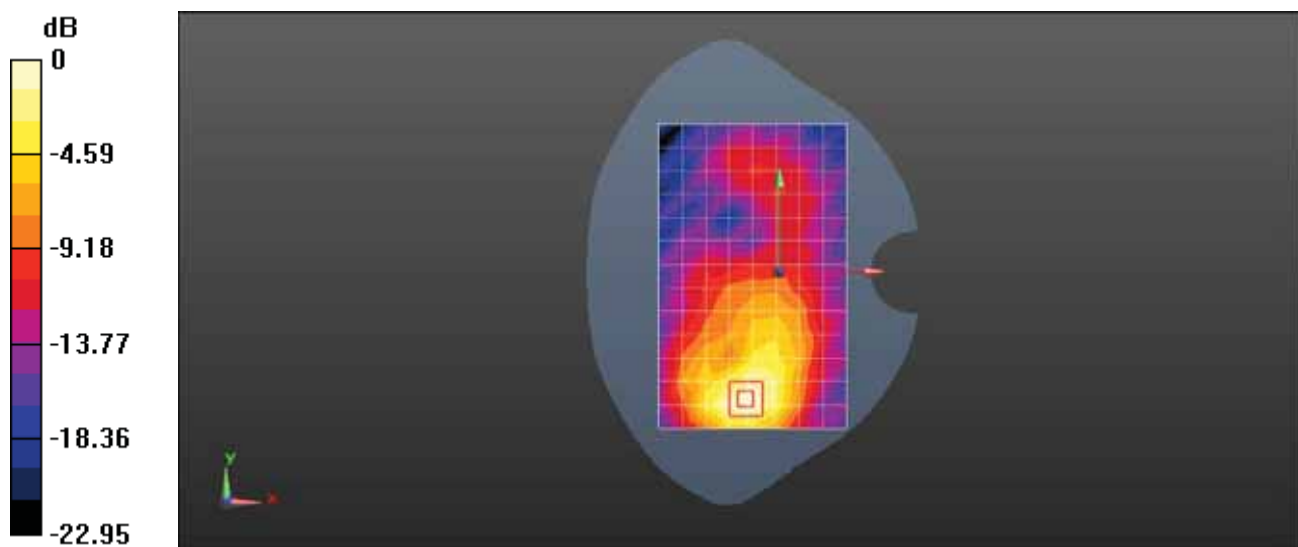
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.70 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.427 \text{ W/kg}$

**SAR(1 g) =  $0.266 \text{ W/kg}$ ; SAR(10 g) =  $0.152 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.372 \text{ W/kg}$



0 dB =  $0.337 \text{ W/kg}$  =  $-4.72 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 2 20M QPSK 50%RB 0 Offset 19100CH Top Side 10mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.578$  S/m;  $\epsilon_r = 52.463$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1900 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

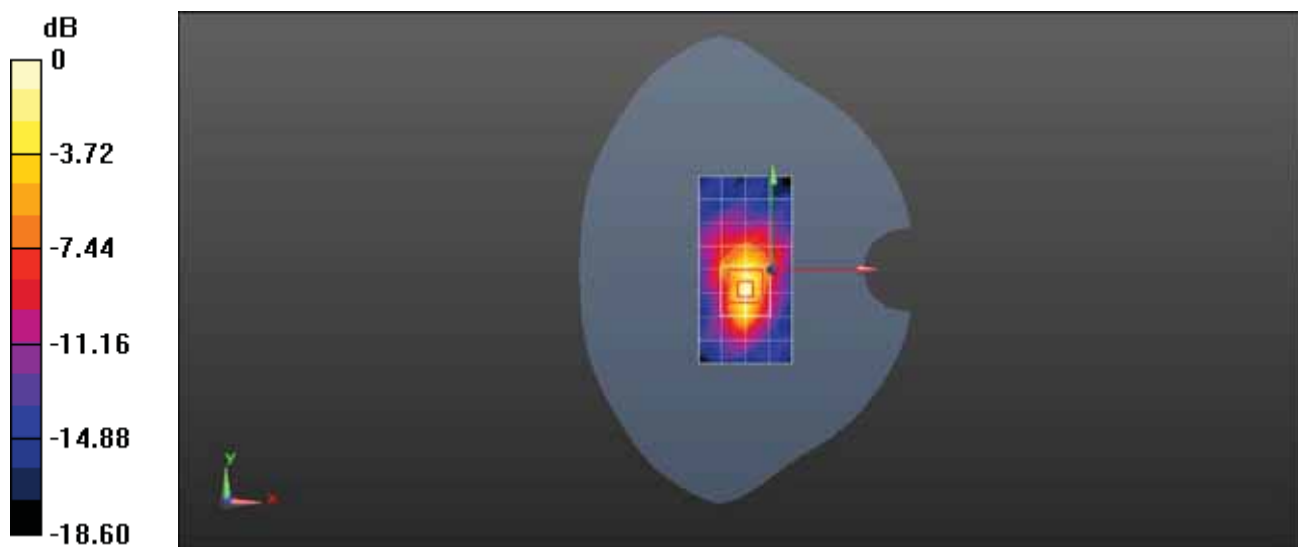
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.68 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.356 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 2 20M QPSK 50%RB 25 Offset 19100CH Bottom Side 10mm-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.578$  S/m;  $\epsilon_r = 52.463$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1900 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.687 W/kg

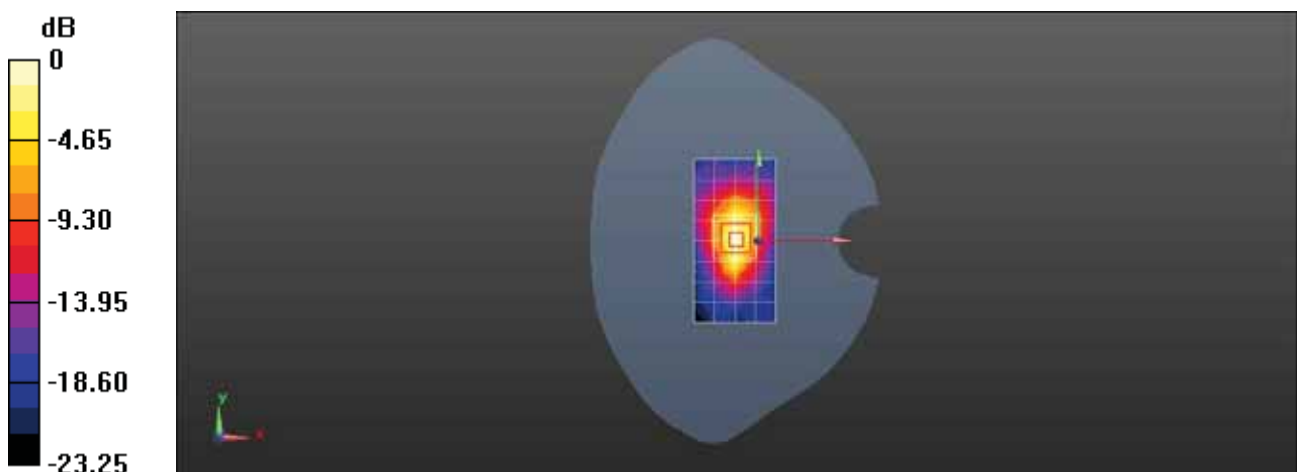
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 21.57 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.237 W/kg**

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



0 dB = 0.687 W/kg = -1.63 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 2 20M QPSK 1RB 0 Offset 18900CH Back Side 4mm-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 52.506$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.61, 8.61, 8.61) @ 1880 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $6.40 \text{ W/kg}$

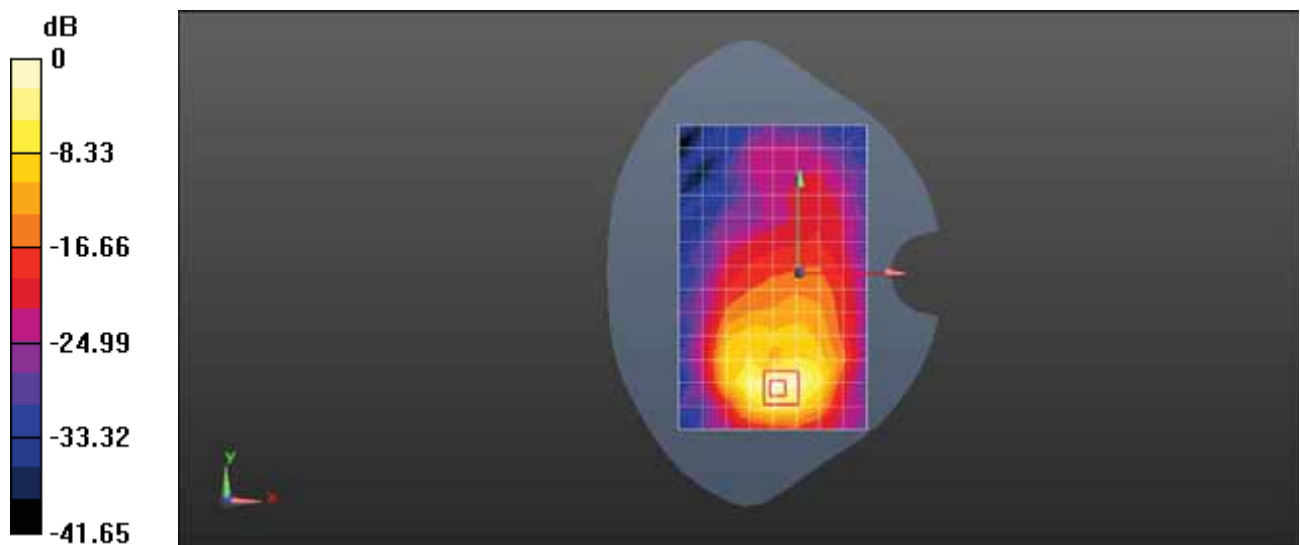
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.93 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $9.12 \text{ W/kg}$

**SAR(1 g) =  $4.54 \text{ W/kg}$ ; SAR(10 g) =  $2.06 \text{ W/kg}$**

Maximum value of SAR (measured) =  $7.32 \text{ W/kg}$



0 dB =  $6.40 \text{ W/kg}$  =  $8.06 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 4 20M QPSK 1RB 50 Offset 20300CH Right Cheek with Battery2-Second Antenna**

**DUT: LYA-L0C; 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:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.322 \text{ S/m}$ ;  $\epsilon_r = 39.817$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(8.9, 8.9, 8.9) @ 1745 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.223 \text{ W/kg}$

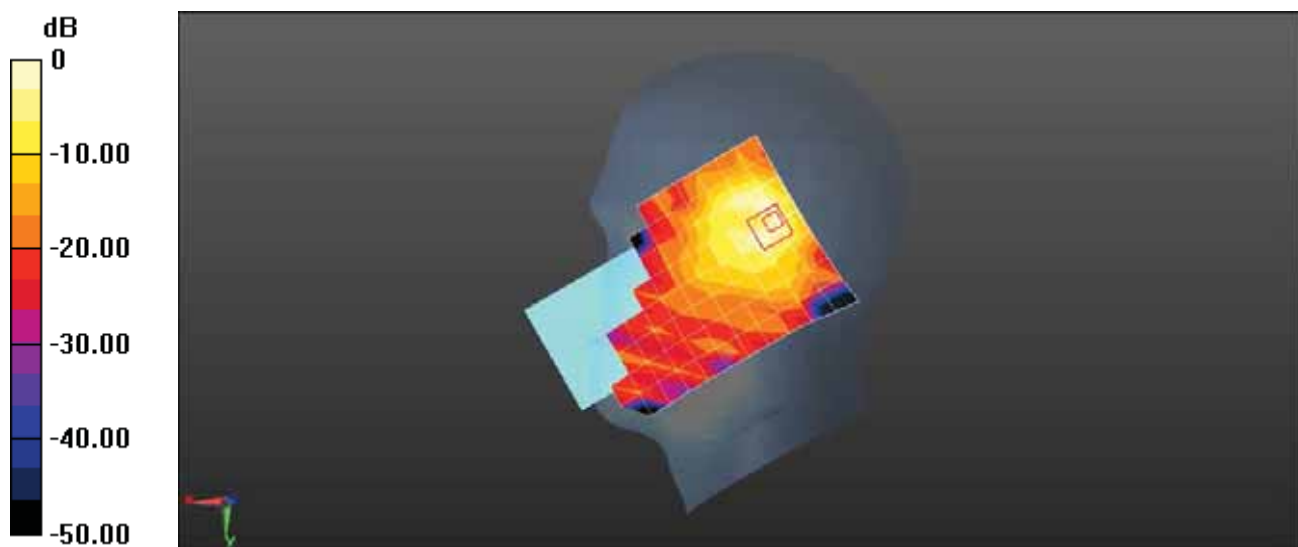
**Configuration/Head/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.19 \text{ V/m}$ ; Power Drift =  $-0.11 \text{ dB}$

Peak SAR (extrapolated) =  $0.362 \text{ W/kg}$

**SAR(1 g) =  $0.168 \text{ W/kg}$ ; SAR(10 g) =  $0.079 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.282 \text{ W/kg}$



0 dB =  $0.223 \text{ W/kg}$  =  $-6.52 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 4 20M QPSK 1RB 0 Offset 20300CH Left Cheek-Main Antenna**

**DUT: LYA-L0C; 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:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.322 \text{ S/m}$ ;  $\epsilon_r = 39.817$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN7489; ConvF(8.9, 8.9, 8.9) @ 1745 MHz; Calibrated: 2018-1-9
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌵ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌵ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.176 \text{ W/kg}$

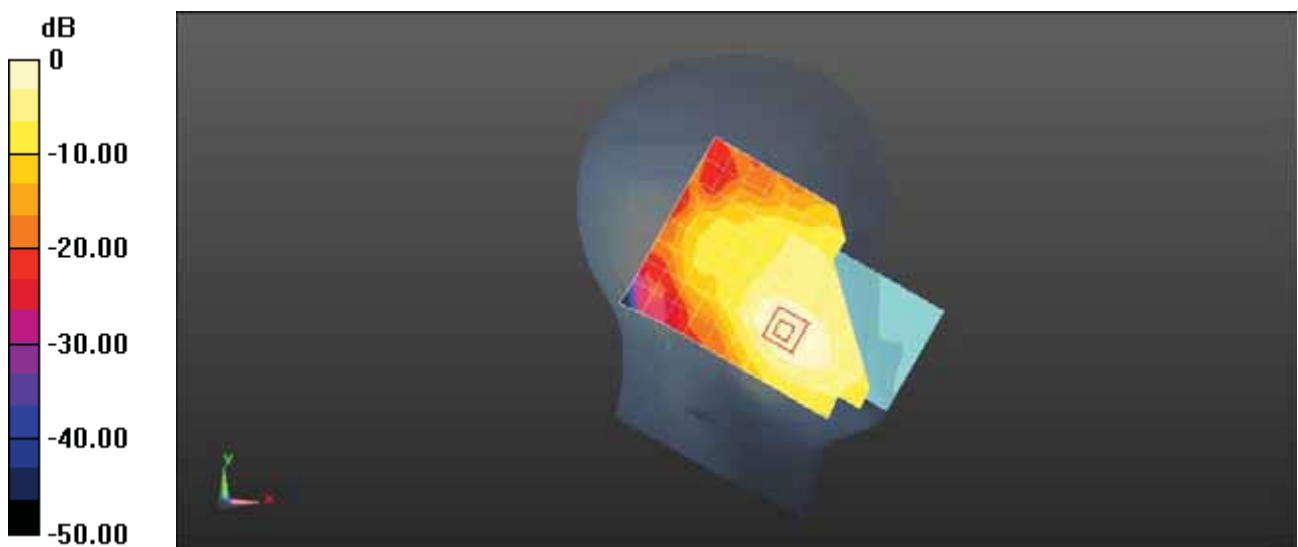
**Configuration/Head/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.153 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.196 \text{ W/kg}$

**SAR(1 g) =  $0.139 \text{ W/kg}$ ; SAR(10 g) =  $0.092 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.178 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 4 20M QPSK 50%RB 25 Offset 20050CH Back Side 15mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.513 \text{ S/m}$ ;  $\epsilon_r = 52.935$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1720 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.116 \text{ W/kg}$

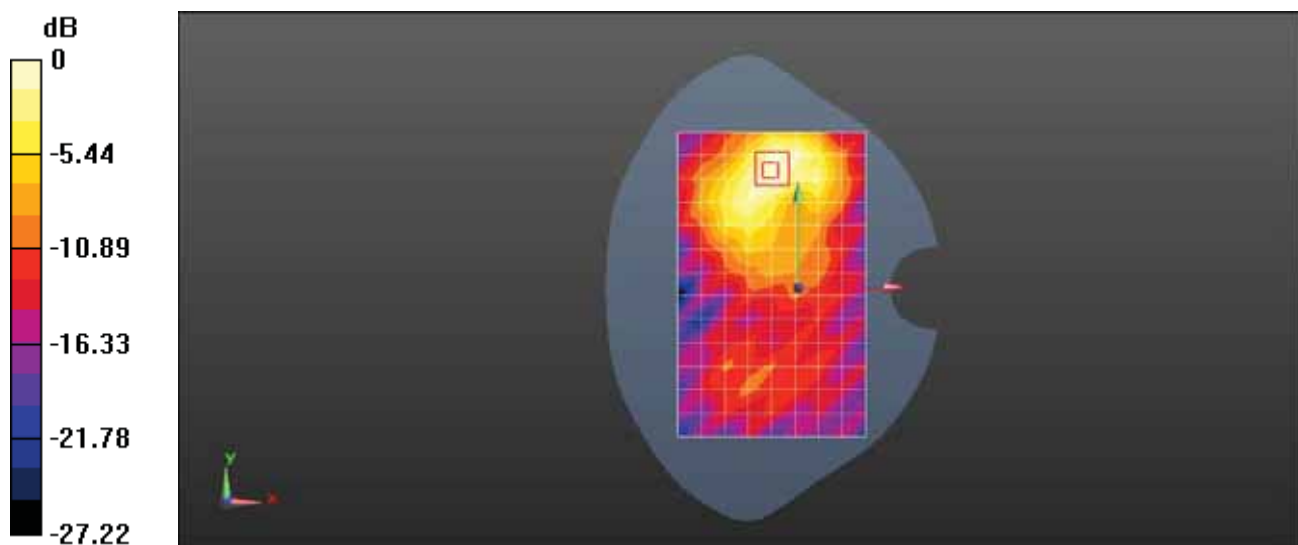
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.173 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.151 \text{ W/kg}$

**SAR(1 g) =  $0.092 \text{ W/kg}$ ; SAR(10 g) =  $0.052 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.131 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 4 20M QPSK 1RB 0 Offset 20300CH Back Side 15mm with Battery2-Main Antenna**

**DUT: LYA-L0C; 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:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.53 \text{ S/m}$ ;  $\epsilon_r = 52.92$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1745 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.883 \text{ W/kg}$

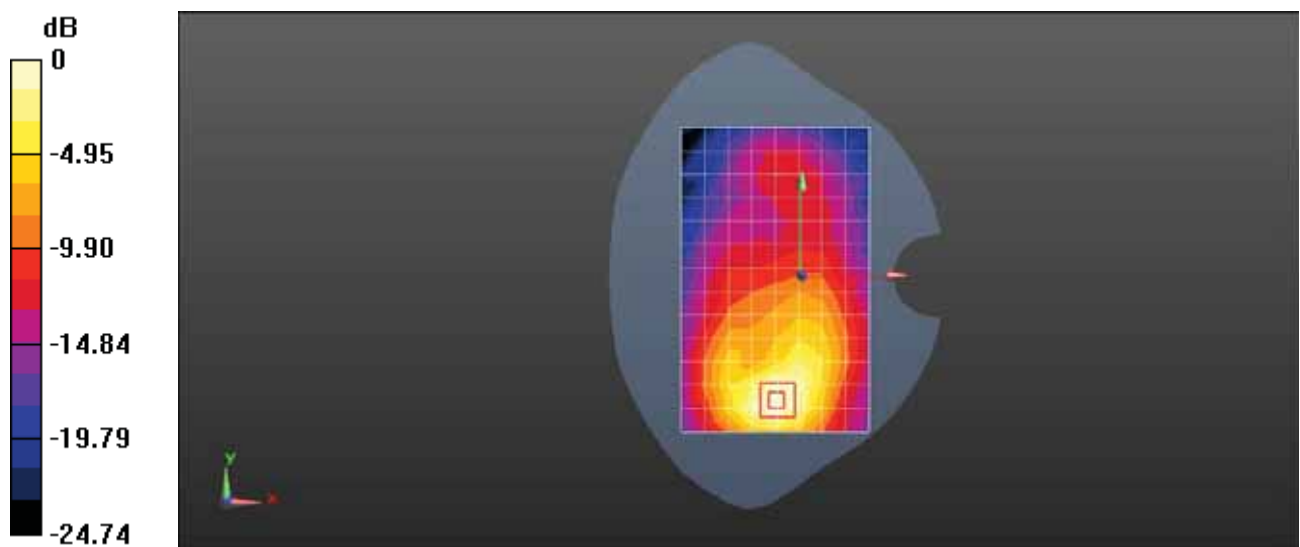
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.76 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $1.15 \text{ W/kg}$

**SAR(1 g) =  $0.743 \text{ W/kg}$ ; SAR(10 g) =  $0.435 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.01 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 4 20M QPSK 50%RB 50 Offset 20050CH Back Side 10mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.513$  S/m;  $\epsilon_r = 52.935$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1720 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.181 W/kg

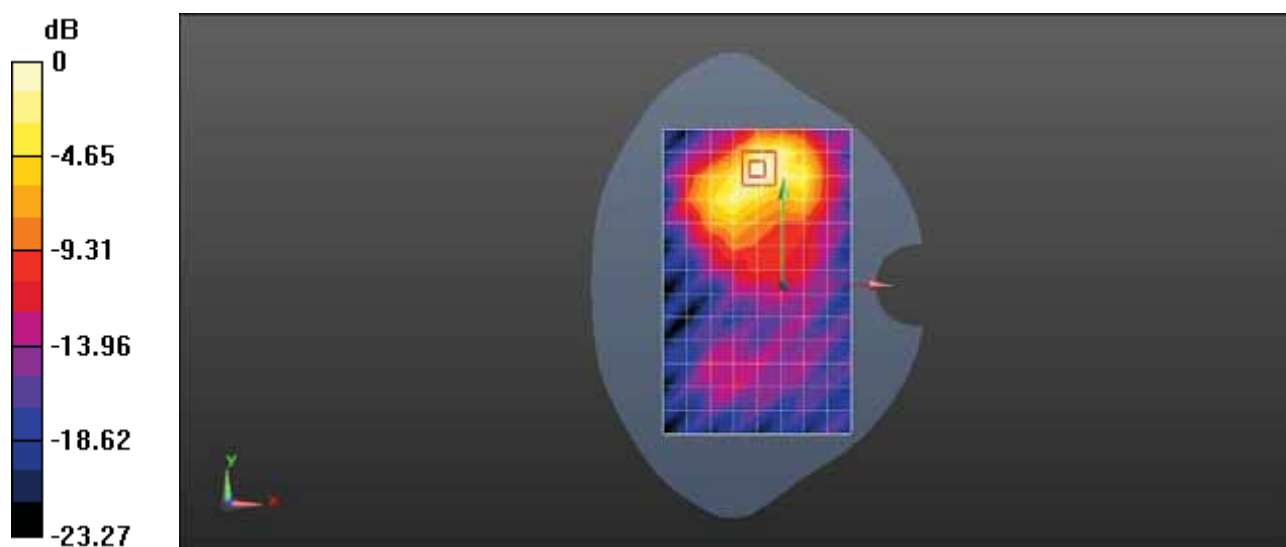
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 1.375 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.070 W/kg**

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



0 dB = 0.181 W/kg = -7.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 4 20M QPSK 1RB 0 Offset 20300CH Bottom Side 10mm-Main Antenna

**DUT: LYA-L0C; 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:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.53 \text{ S/m}$ ;  $\epsilon_r = 52.92$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1745 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.796 \text{ W/kg}$

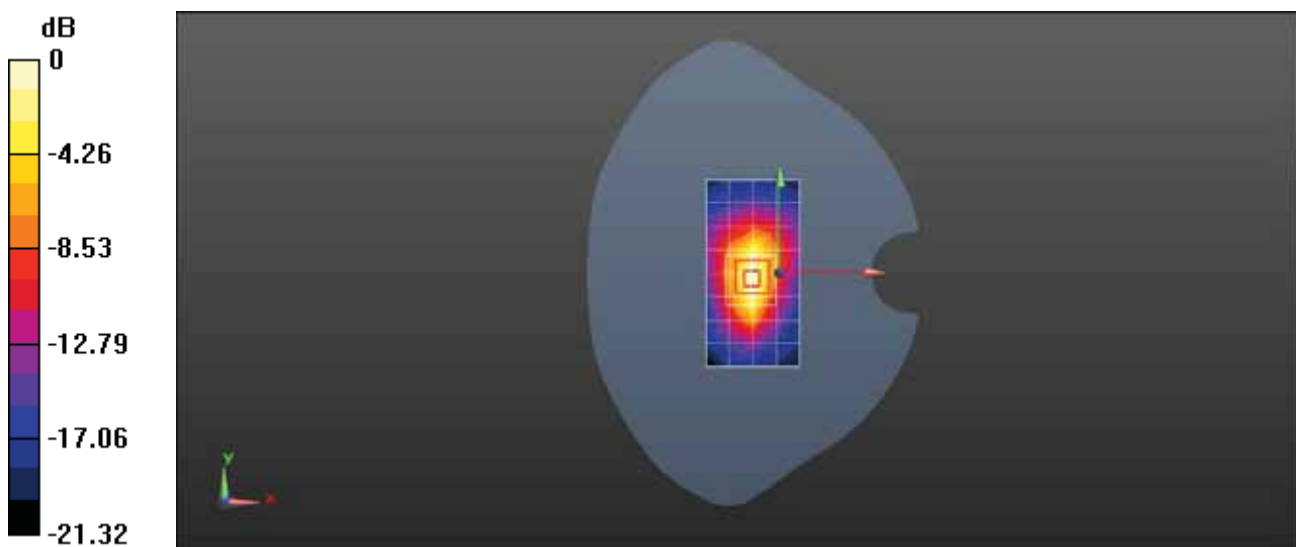
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.65 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.933 \text{ W/kg}$

**SAR(1 g) =  $0.560 \text{ W/kg}$ ; SAR(10 g) =  $0.297 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.811 \text{ W/kg}$



0 dB =  $0.796 \text{ W/kg}$  =  $-0.99 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 4 20M QPSK 50%RB 25 Offset 20050CH Bottom Side 0mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.513 \text{ S/m}$ ;  $\epsilon_r = 52.935$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(8.99, 8.99, 8.99) @ 1720 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (5x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 2.90 W/kg

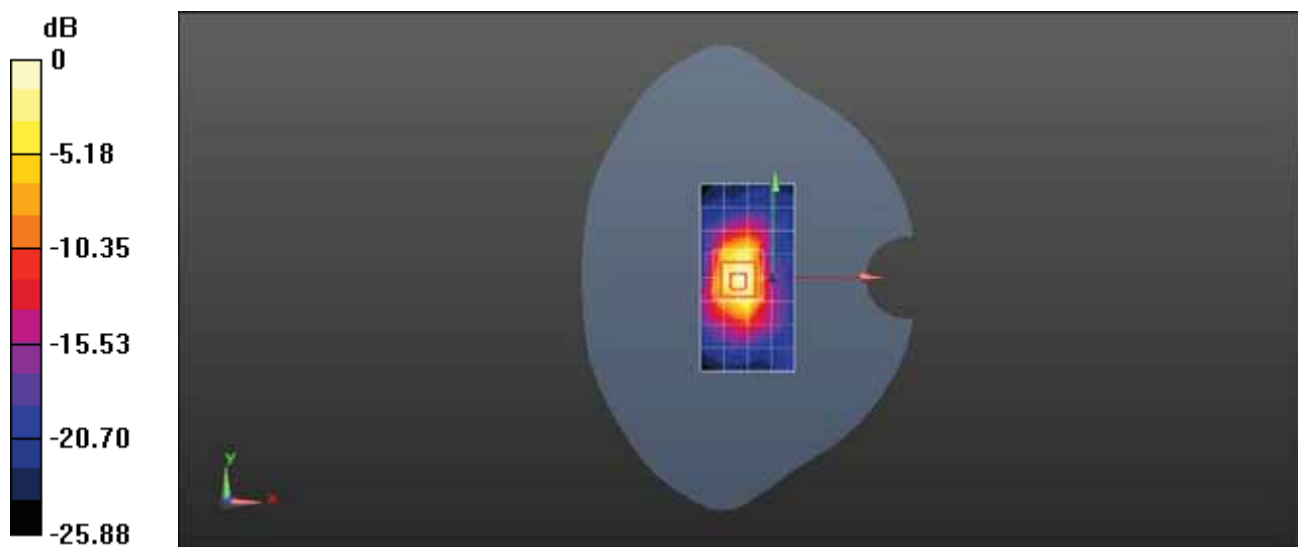
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 45.93 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.78 W/kg

**SAR(1 g) = 3.53 W/kg; SAR(10 g) = 1.49 W/kg**

Maximum value of SAR (measured) = 6.69 W/kg



0 dB = 2.90 W/kg = 4.62 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 5 10M QPSK 1RB 0 Offset 20600CH Left Cheek with Battery2-Second Antenna**

**DUT: LYA-L0C; 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:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.884 \text{ S/m}$ ;  $\epsilon_r = 39.994$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 844 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.412 \text{ W/kg}$

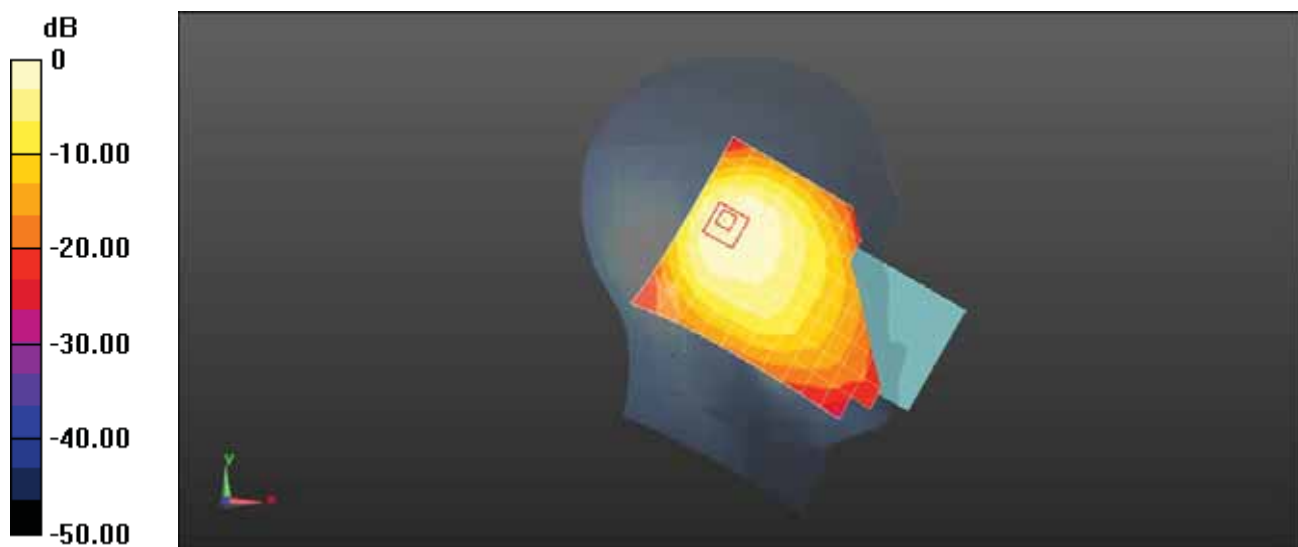
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.76 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.728 \text{ W/kg}$

**SAR(1 g) =  $0.364 \text{ W/kg}$ ; SAR(10 g) =  $0.201 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.599 \text{ W/kg}$



0 dB =  $0.412 \text{ W/kg} = -3.85 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 5 10M QPSK 1RB 49 Offset 20600CH Right Cheek-Main Antenna

**DUT: LYA-L0C; 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:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.884 \text{ S/m}$ ;  $\epsilon_r = 39.994$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 844 MHz; Calibrated: 2018-1-9
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌵ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌵ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.281 \text{ W/kg}$

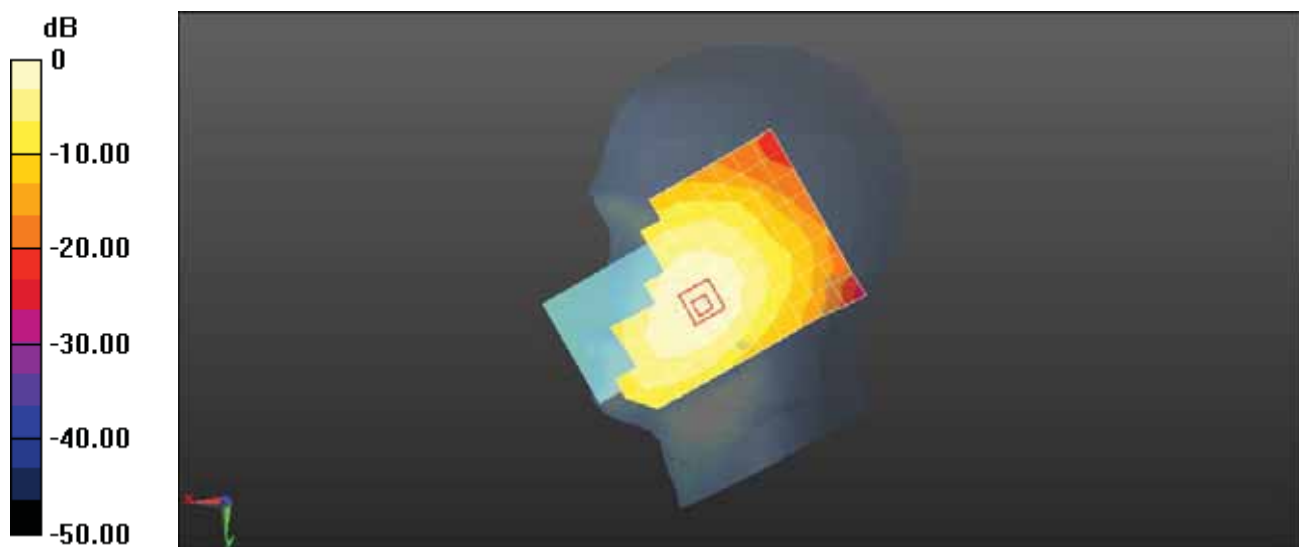
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.15 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.288 \text{ W/kg}$

**SAR(1 g) =  $0.234 \text{ W/kg}$ ; SAR(10 g) =  $0.183 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.268 \text{ W/kg}$



0 dB =  $0.281 \text{ W/kg}$  =  $-5.51 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 5 10M QPSK 50%RB 13 Offset 20450CH Front Side 15mm with Battery2-Second Antenna**

**DUT: LYA-L0C; 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:  $f = 829 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 53.832$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 829 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.147 \text{ W/kg}$

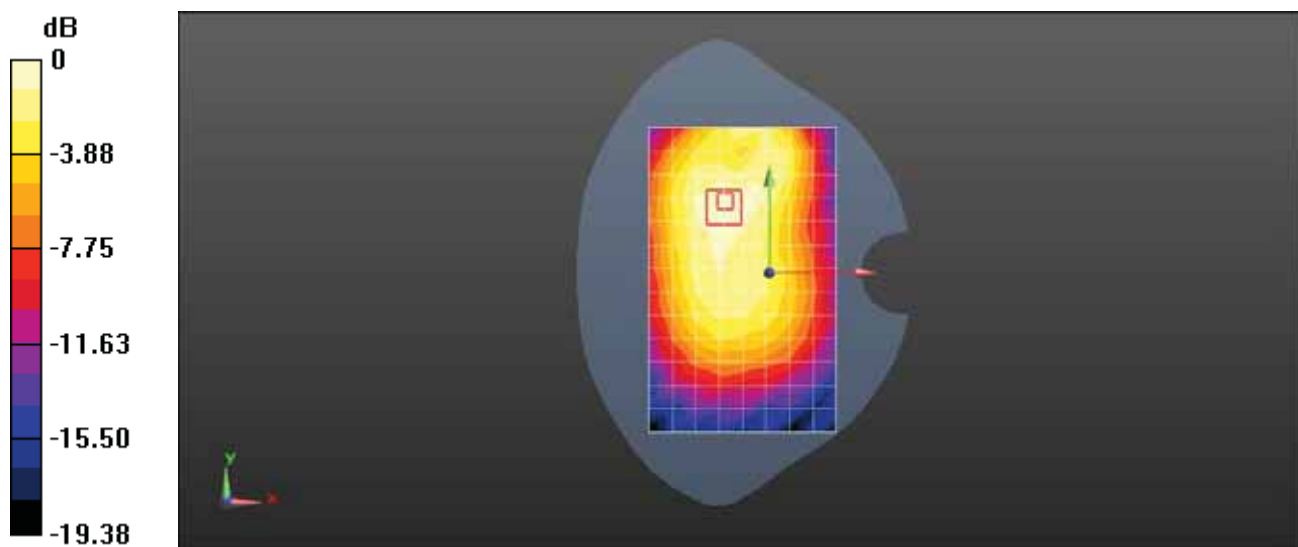
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.40 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.158 \text{ W/kg}$

**SAR(1 g) =  $0.120 \text{ W/kg}$ ; SAR(10 g) =  $0.087 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.144 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 5 10M QPSK 1RB 25 Offset 20450CH Back Side 15mm with Battery2-Main Antenna**

**DUT: LYA-L0C; 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:  $f = 829 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 53.832$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 829 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.261 \text{ W/kg}$

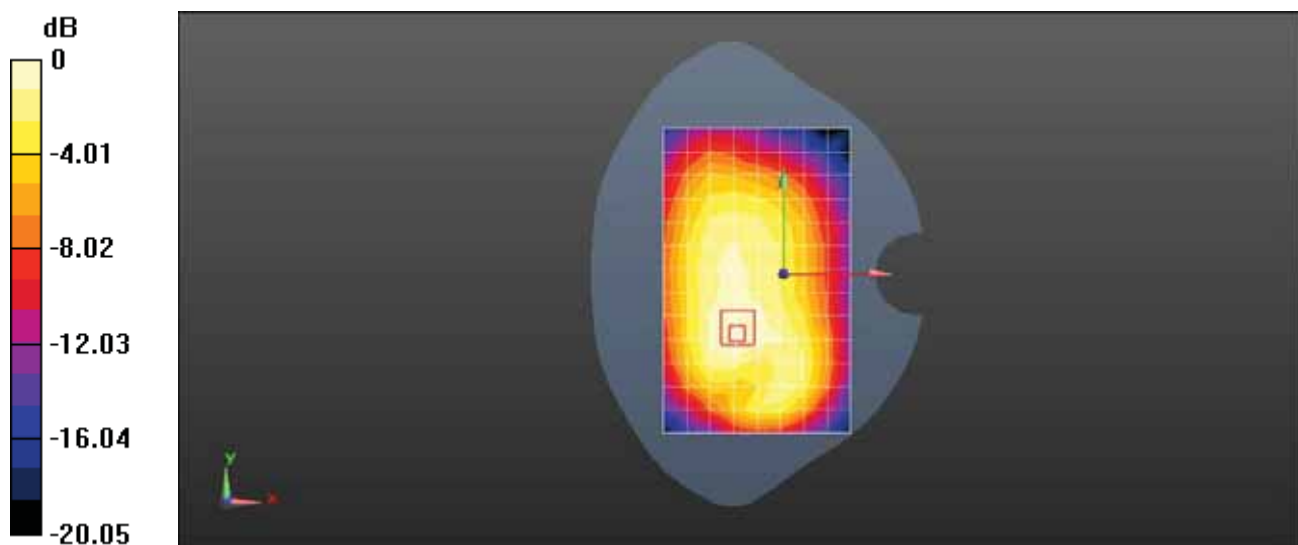
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.78 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.276 \text{ W/kg}$

**SAR(1 g) =  $0.211 \text{ W/kg}$ ; SAR(10 g) =  $0.156 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.255 \text{ W/kg}$



0 dB =  $0.261 \text{ W/kg}$  =  $-5.83 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 5 10M QPSK 50%RB 13 Offset 20450CH Front Side 10mm-Second Antenna**

**DUT: LYA-L0C; 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:  $f = 829 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 53.832$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 829 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.269 \text{ W/kg}$

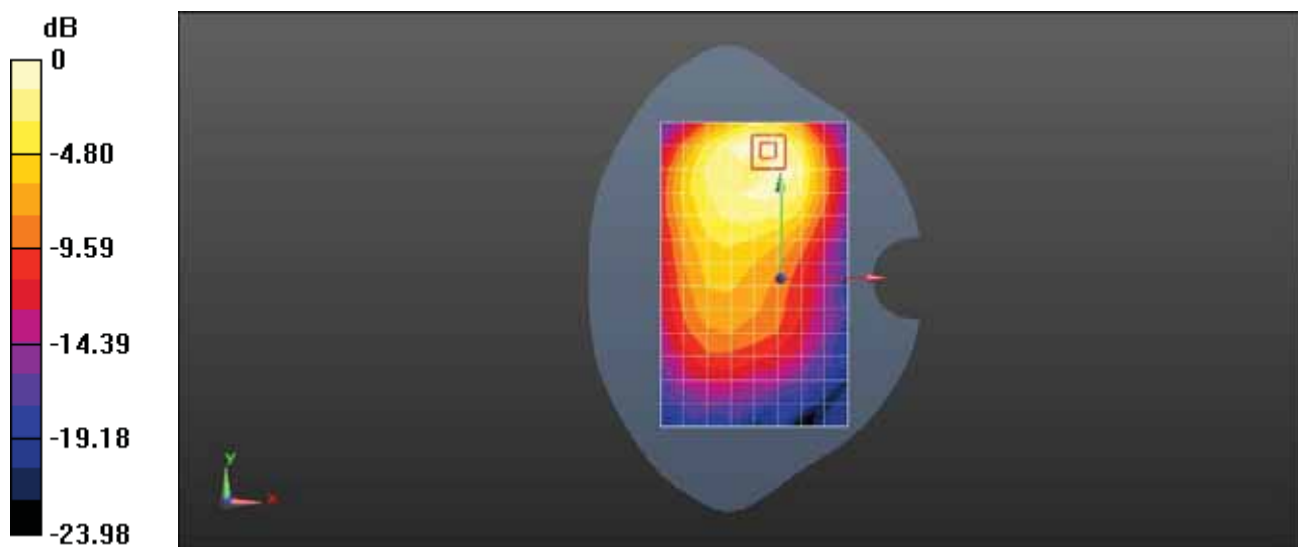
**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.90 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$

Peak SAR (extrapolated) =  $0.322 \text{ W/kg}$

**SAR(1 g) =  $0.191 \text{ W/kg}$ ; SAR(10 g) =  $0.111 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.272 \text{ W/kg}$



0 dB =  $0.269 \text{ W/kg} = -5.70 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 5 10M QPSK 1RB 25 Offset 20450CH Back Side 10mm-Main Antenna

**DUT: LYA-L0C; 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:  $f = 829 \text{ MHz}$ ;  $\sigma = 1.009 \text{ S/m}$ ;  $\epsilon_r = 53.832$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 829 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.405 \text{ W/kg}$

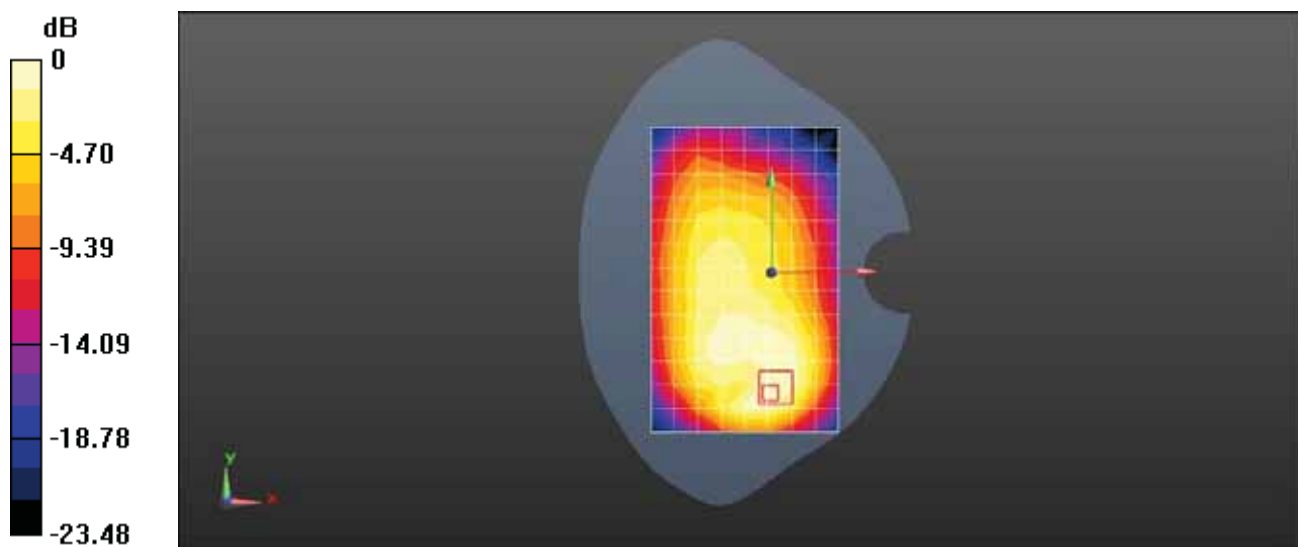
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.59 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.517 \text{ W/kg}$

**SAR(1 g) =  $0.319 \text{ W/kg}$ ; SAR(10 g) =  $0.194 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.452 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 7 20M QPSK 50%RB 0 Offset 20850CH Right Tilt-Second Antenna**

**DUT: LYA-L0C; 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;  $\sigma = 1.798$  S/m;  $\epsilon_r = 39.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN3736; ConvF(6.93, 6.93, 6.93) @ 2510 MHz; Calibrated: 2018-4-27
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌵ Phantom: SAM1; Type: SAM; Serial: 1475
- ⌵ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.542 W/kg

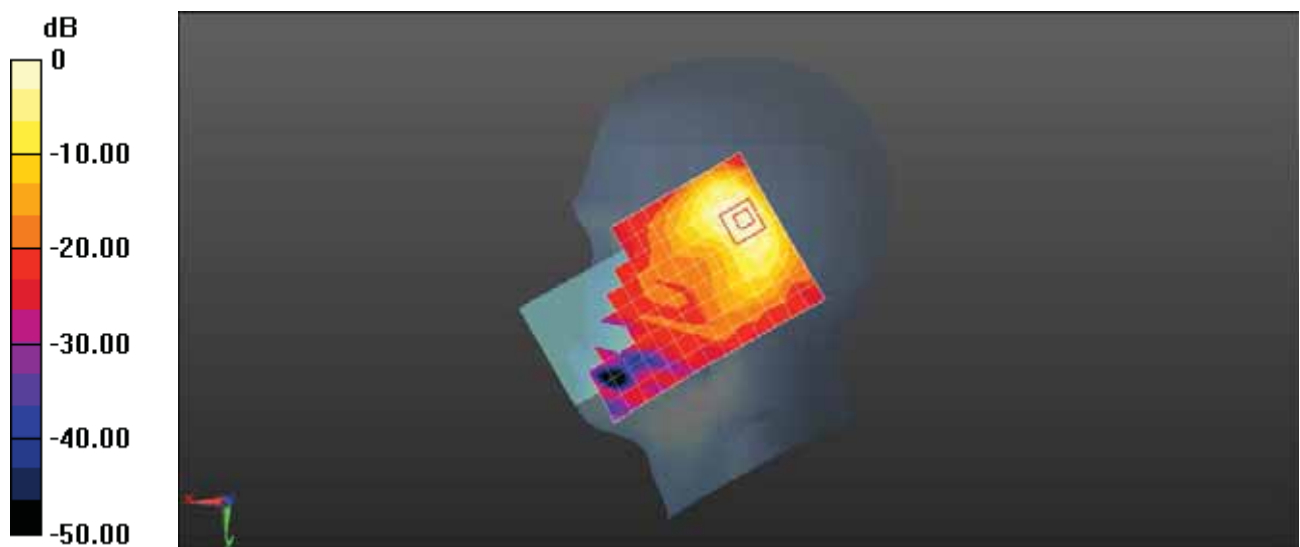
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.33 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.980 W/kg

**SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.159 W/kg**

Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.542 W/kg = -2.66 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 7 20M QPSK 1RB 0 Offset 21350CH Right Cheek with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 39.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(6.93, 6.93, 6.93) @ 2560 MHz; Calibrated: 2018-4-27
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌘ Phantom: SAM1; Type: SAM; Serial: 1475
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.166 W/kg

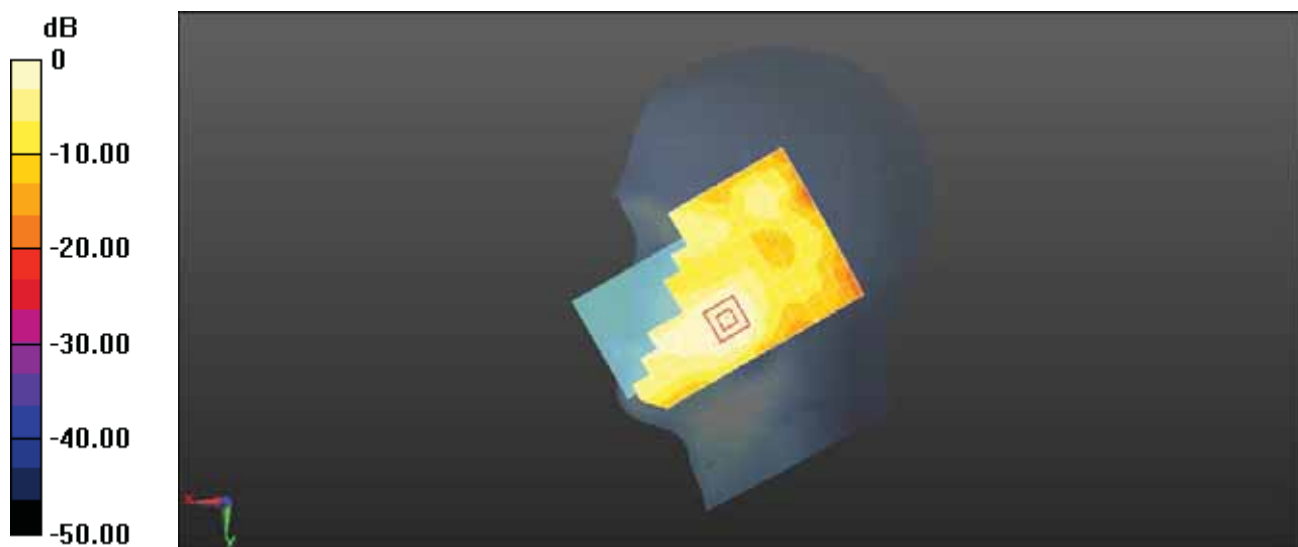
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.041 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.218 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C CA\_7C P\_1@99 21100CH S\_1@0 Back Side 15mm-Second Antenna**

**DUT: LYA-L0C; 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:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.128 \text{ S/m}$ ;  $\epsilon_r = 51.355$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2535 MHz; Calibrated: 2018-4-27
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ι Phantom: SAM2; Type: SAM; Serial: 1474
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (measured) =  $0.197 \text{ W/kg}$

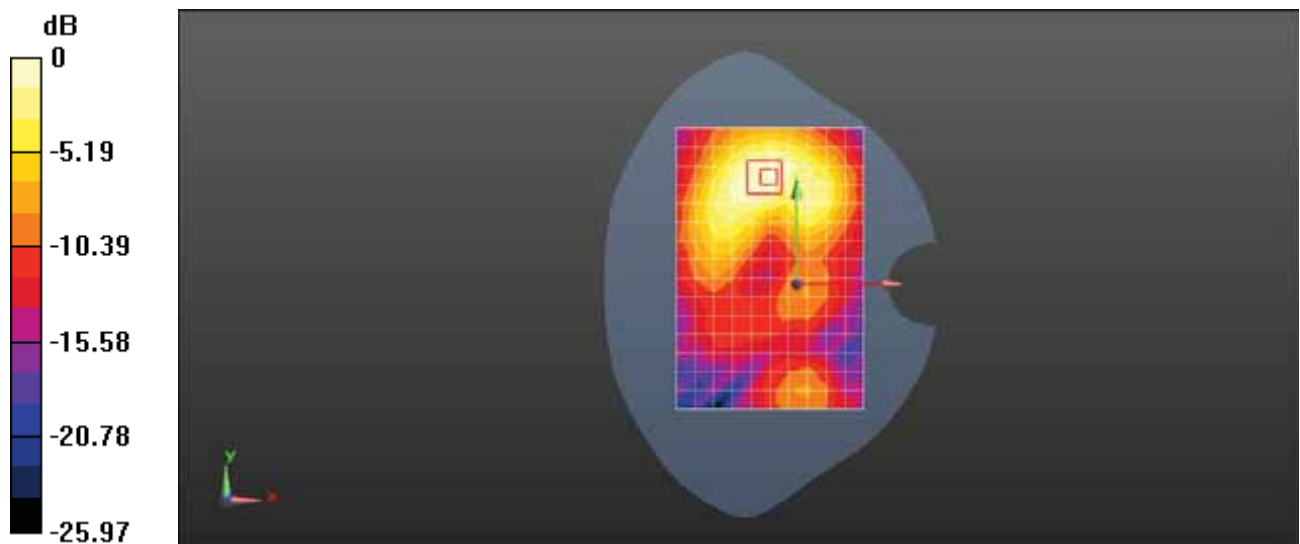
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.027 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$

Peak SAR (extrapolated) =  $0.271 \text{ W/kg}$

**SAR(1 g) =  $0.137 \text{ W/kg}$ ; SAR(10 g) =  $0.073 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.217 \text{ W/kg}$



0 dB =  $0.197 \text{ W/kg}$  =  $-7.06 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 7 20M QPSK 1RB 0 Offset 20850CH Front Side 15mm-Main Antenna

**DUT: LYA-L0C; 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:  $f = 2510 \text{ MHz}$ ;  $\sigma = 2.104 \text{ S/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2510 MHz; Calibrated: 2018-4-27
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌘ Phantom: SAM2; Type: SAM; Serial: 1474
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.521 \text{ W/kg}$

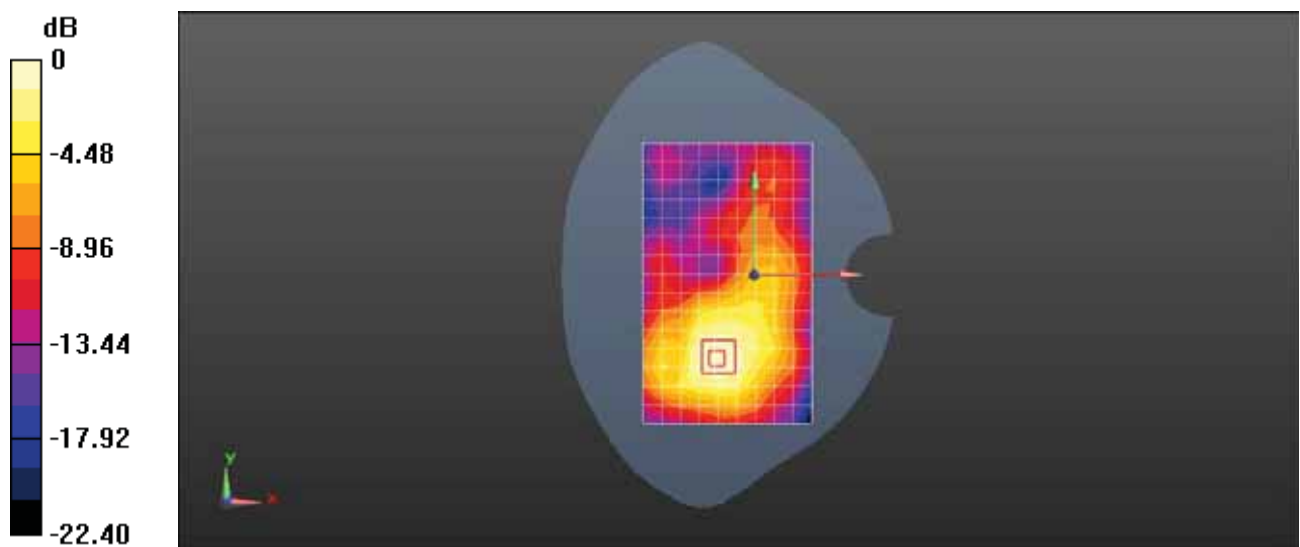
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.528 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.646 \text{ W/kg}$

**SAR(1 g) =  $0.347 \text{ W/kg}$ ; SAR(10 g) =  $0.195 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.526 \text{ W/kg}$



0 dB =  $0.521 \text{ W/kg}$  =  $-2.83 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C CA\_7C P\_1@99 21100CH S\_1@0 Top Side 10mm-Second Antenna**

**DUT: LYA-L0C; 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:  $f = 2535 \text{ MHz}$ ;  $\sigma = 2.128 \text{ S/m}$ ;  $\epsilon_r = 51.355$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2535 MHz; Calibrated: 2018-4-27
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ι Phantom: SAM2; Type: SAM; Serial: 1474
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (6x11x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (measured) =  $0.979 \text{ W/kg}$

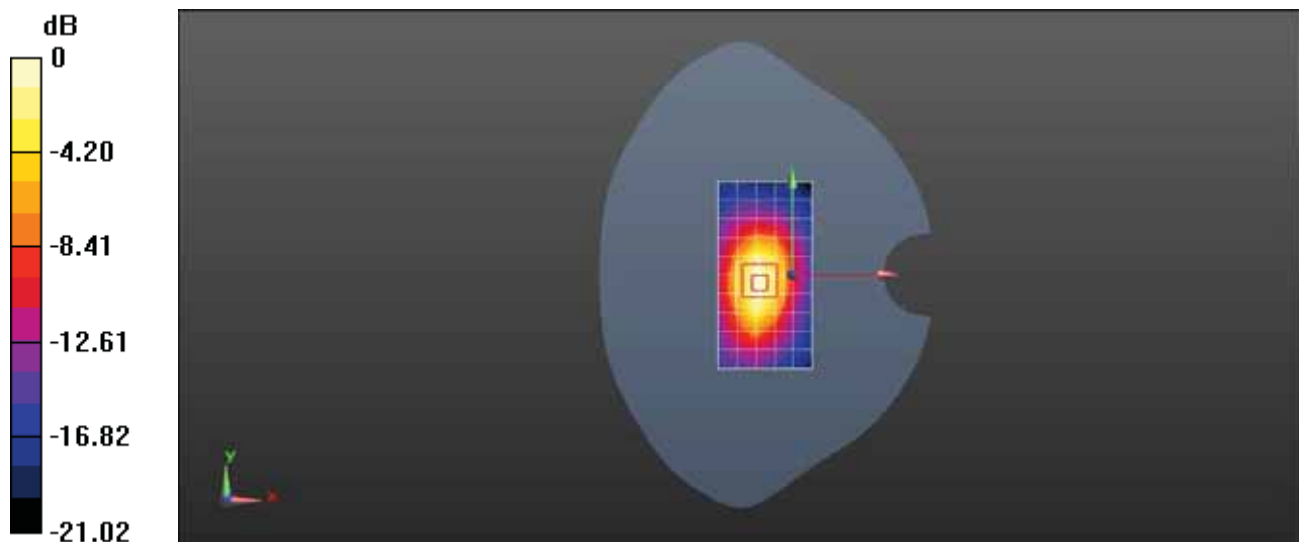
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.34 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.32 \text{ W/kg}$

**SAR(1 g) =  $0.652 \text{ W/kg}$ ; SAR(10 g) =  $0.314 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.07 \text{ W/kg}$



0 dB =  $0.979 \text{ W/kg}$  =  $-0.09 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 7 20M QPSK 1RB 0 Offset 20850CH Front Side 10mm-Main Antenna**

**DUT: LYA-L0C; 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:  $f = 2510 \text{ MHz}$ ;  $\sigma = 2.104 \text{ S/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2510 MHz; Calibrated: 2018-4-27
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌘ Phantom: SAM2; Type: SAM; Serial: 1474
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.935 \text{ W/kg}$

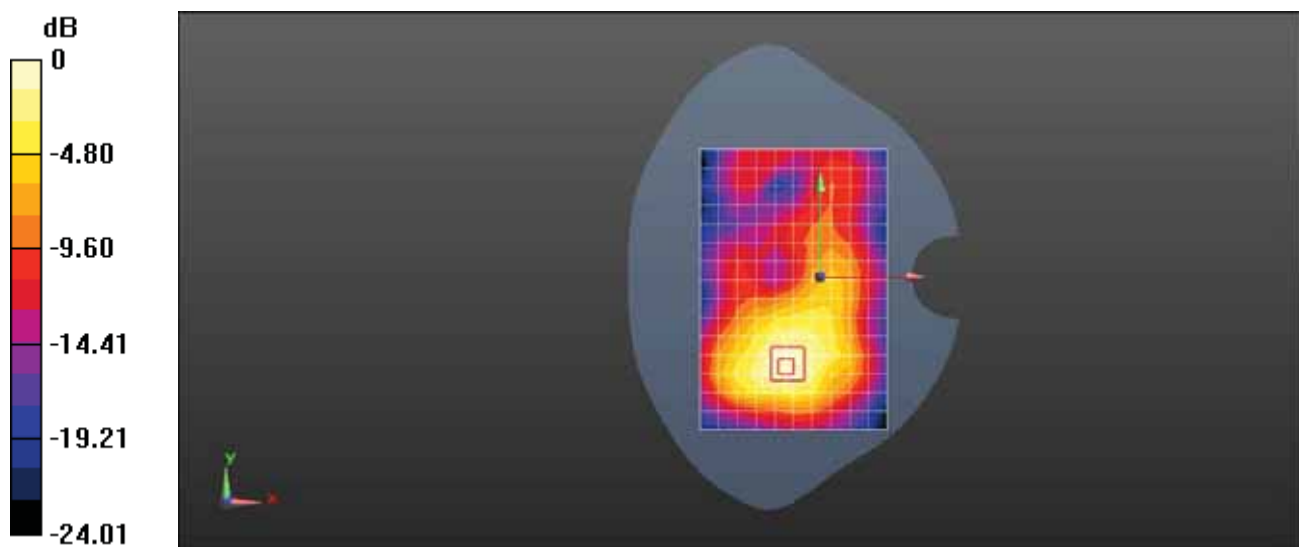
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.491 \text{ V/m}$ ; Power Drift =  $-0.16 \text{ dB}$

Peak SAR (extrapolated) =  $1.25 \text{ W/kg}$

**SAR(1 g) =  $0.651 \text{ W/kg}$ ; SAR(10 g) =  $0.354 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.02 \text{ W/kg}$



0 dB =  $0.935 \text{ W/kg}$  =  $-0.29 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 7 20M QPSK 50%RB 25 Offset 20850CH Front Side 0mm-  
Main Antenna**

**DUT: LYA-L0C; 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:  $f = 2510 \text{ MHz}$ ;  $\sigma = 2.104 \text{ S/m}$ ;  $\epsilon_r = 51.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2510 MHz; Calibrated: 2018-4-27
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌘ Phantom: SAM2; Type: SAM; Serial: 1474
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $2.98 \text{ W/kg}$

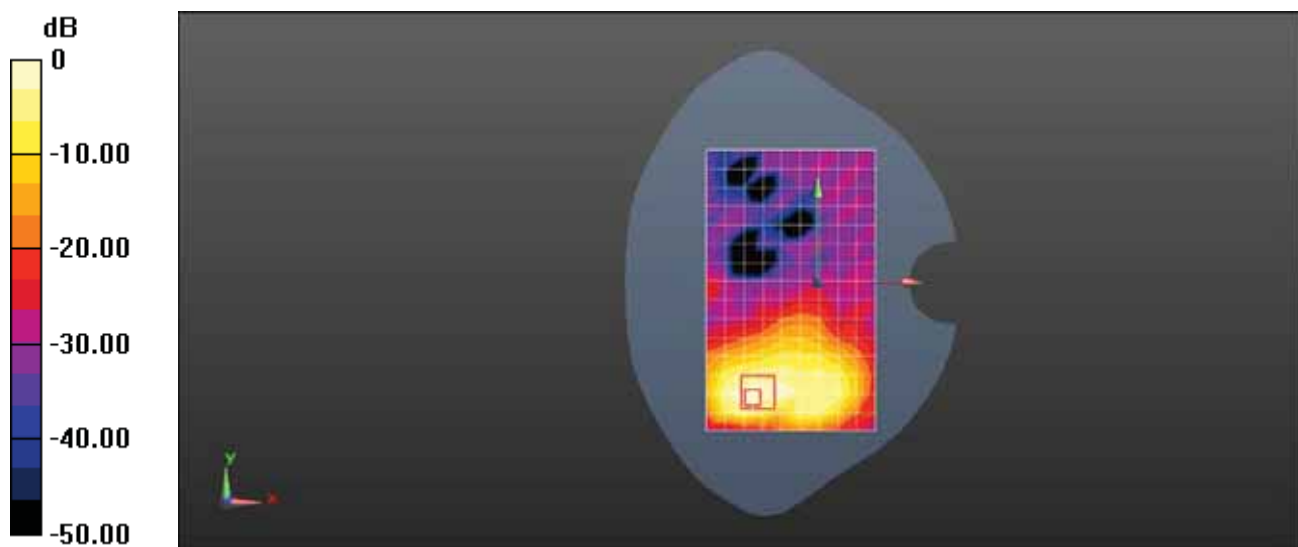
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $0.7050 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $5.20 \text{ W/kg}$

**SAR(1 g) =  $2.05 \text{ W/kg}$ ; SAR(10 g) =  $0.847 \text{ W/kg}$**

Maximum value of SAR (measured) =  $3.86 \text{ W/kg}$



0 dB =  $2.98 \text{ W/kg}$  =  $4.74 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 12 10M QPSK 1RB 0 Offset 23060CH Left Cheek-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 704 \text{ MHz}$ ;  $\sigma = 0.862 \text{ S/m}$ ;  $\epsilon_r = 41.373$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(10.79, 10.79, 10.79) @ 704 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM3; Type: SAM; Serial: 1597
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.424 \text{ W/kg}$

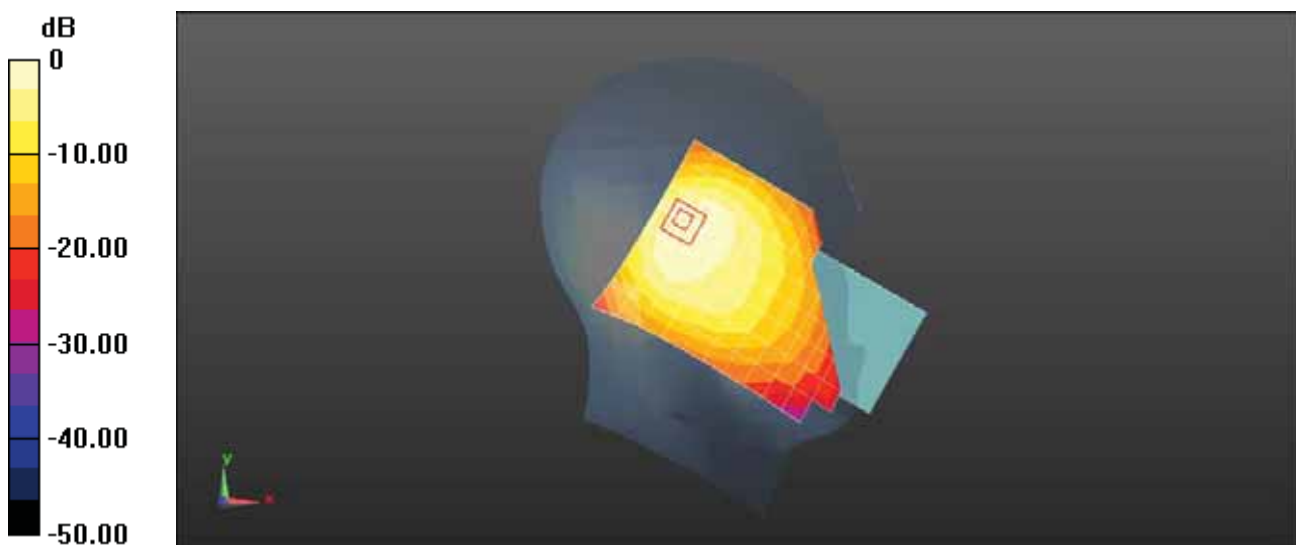
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.36 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.639 \text{ W/kg}$

**SAR(1 g) =  $0.324 \text{ W/kg}$ ; SAR(10 g) =  $0.176 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.538 \text{ W/kg}$



0 dB =  $0.424 \text{ W/kg} = -3.73 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 12 10M QPSK 1RB 25 Offset 23130CH Right Cheek-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.865 \text{ S/m}$ ;  $\epsilon_r = 41.333$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(10.79, 10.79, 10.79) @ 711 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.128 \text{ W/kg}$

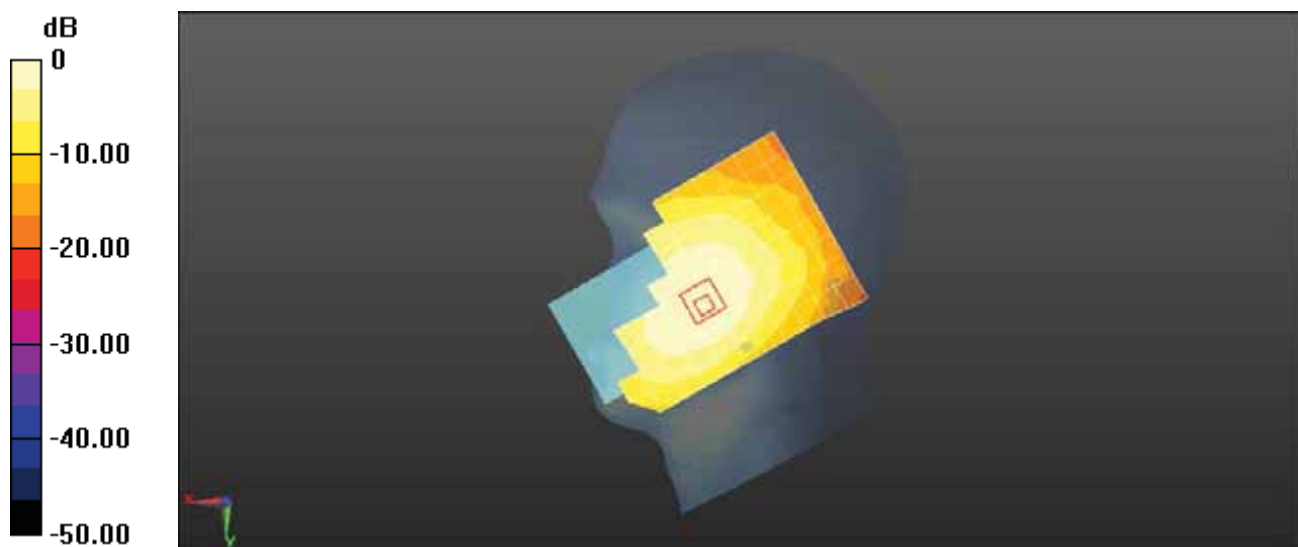
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.504 \text{ V/m}$ ; Power Drift =  $-0.18 \text{ dB}$

Peak SAR (extrapolated) =  $0.130 \text{ W/kg}$

**SAR(1 g) =  $0.109 \text{ W/kg}$ ; SAR(10 g) =  $0.087 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.123 \text{ W/kg}$



0 dB =  $0.128 \text{ W/kg}$  =  $-8.93 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 12 10M QPSK 1RB 0 Offset 23095CH Front Side 15mm-Second Antenna**

**DUT: LYA-L0C; 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;  $\sigma = 0.95$  S/m;  $\epsilon_r = 54.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(11.1, 11.1, 11.1) @ 707.5 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM4; Type: SAM; Serial: 1620
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.171 W/kg

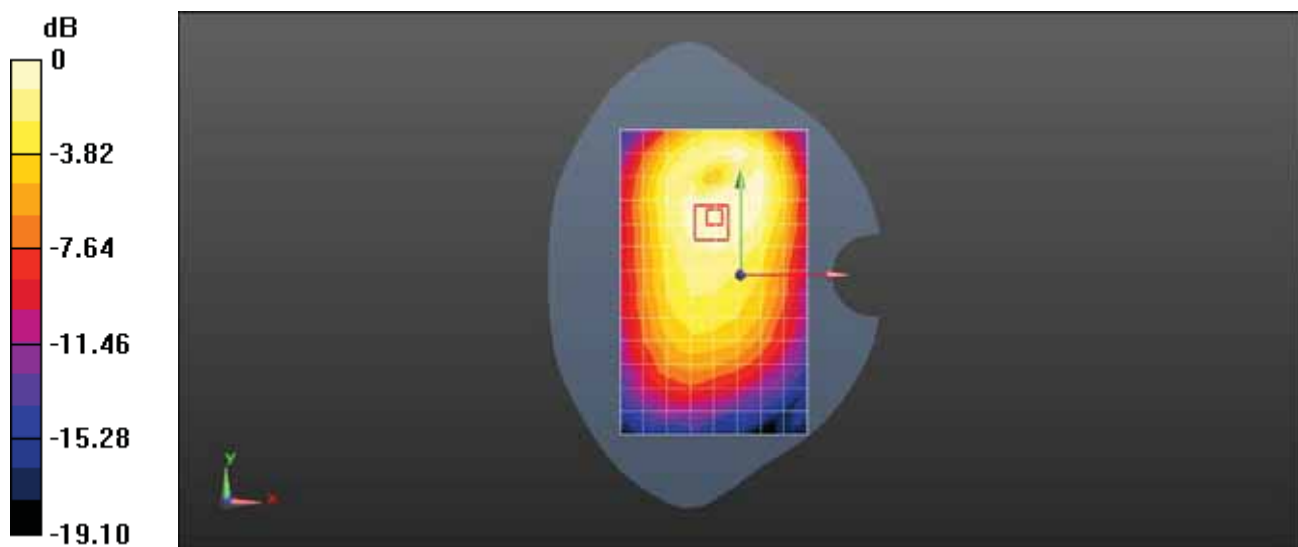
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.95 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.101 W/kg**

Maximum value of SAR (measured) = 0.173 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 12 10M QPSK 1RB 25 Offset 23130CH Back Side 15mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.951 \text{ S/m}$ ;  $\epsilon_r = 53.998$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(11.1, 11.1, 11.1) @ 711 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.206 \text{ W/kg}$

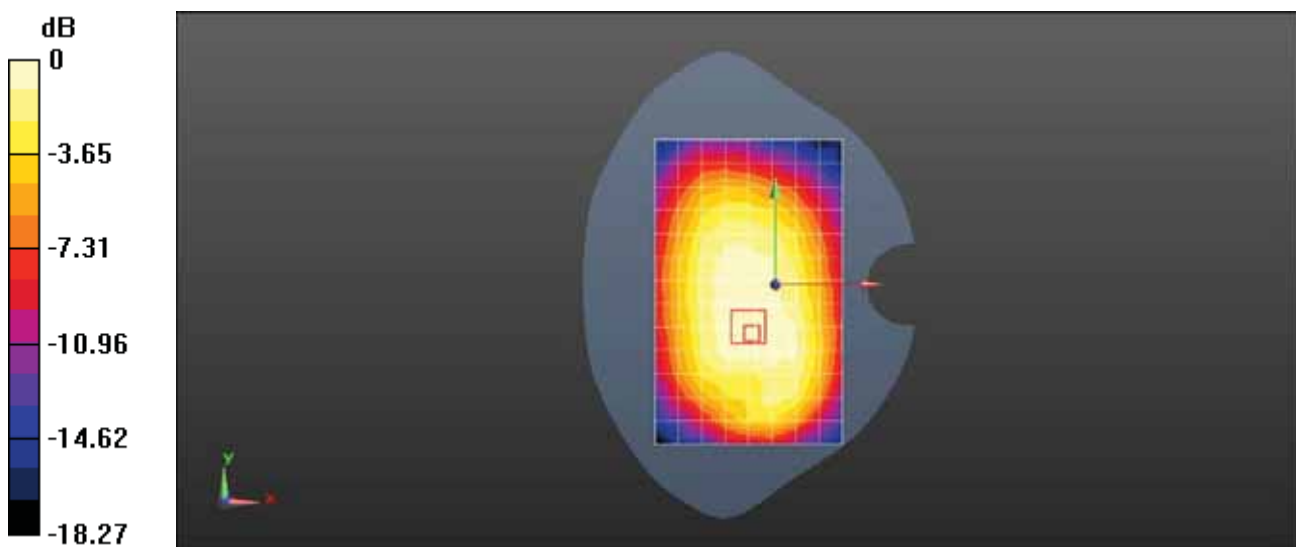
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.46 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.224 \text{ W/kg}$

**SAR(1 g) =  $0.173 \text{ W/kg}$ ; SAR(10 g) =  $0.133 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.207 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 12 10M QPSK 1RB 0 Offset 23095CH Back Side 10mm-Second Antenna**

**DUT: LYA-L0C; 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;  $\sigma = 0.95$  S/m;  $\epsilon_r = 54.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(11.1, 11.1, 11.1) @ 707.5 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

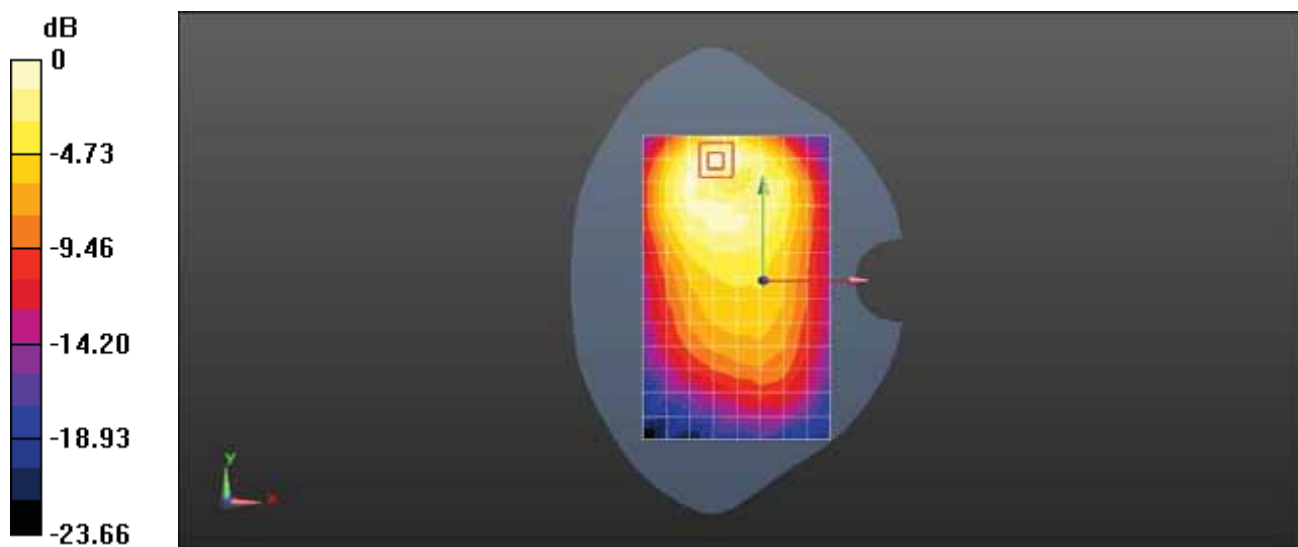
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.17 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.135 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 12 10M QPSK 1RB 25 Offset 23130CH Back Side 10mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.951 \text{ S/m}$ ;  $\epsilon_r = 53.998$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(11.1, 11.1, 11.1) @ 711 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.292 \text{ W/kg}$

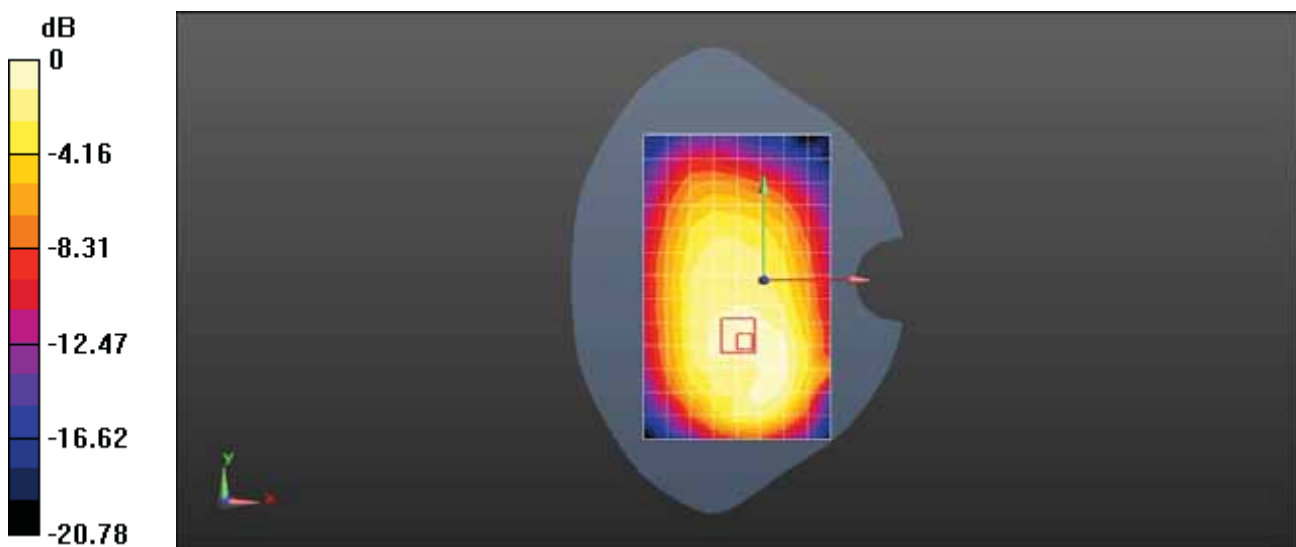
**Configuration/Body/Zoom Scan (7x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.72 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.315 \text{ W/kg}$

**SAR(1 g) =  $0.230 \text{ W/kg}$ ; SAR(10 g) =  $0.170 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.283 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 26 15M QPSK 50%RB 18 Offset 26865CH Right Cheek-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 41.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌵ Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 831.5 MHz; Calibrated: 2018-1-9
- ⌵ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌵ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌵ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌵ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.397 W/kg

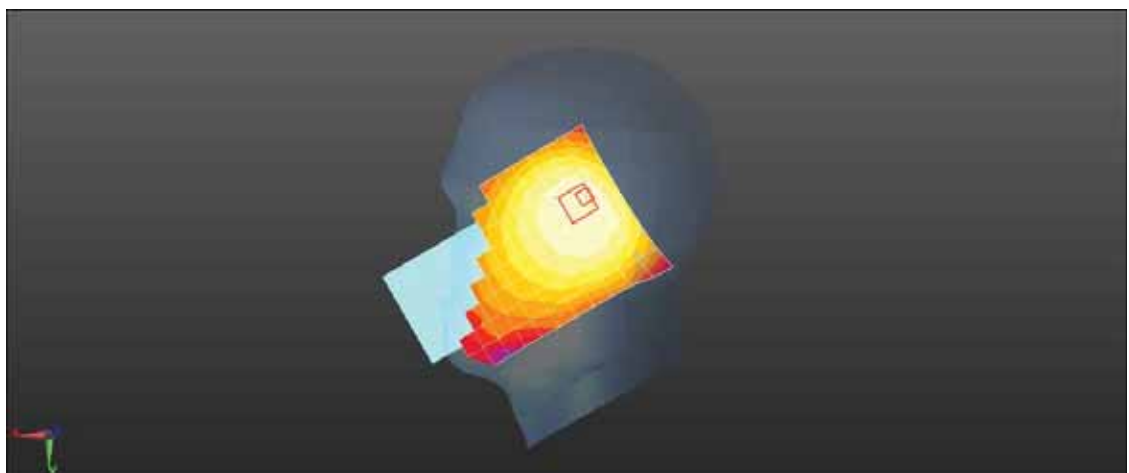
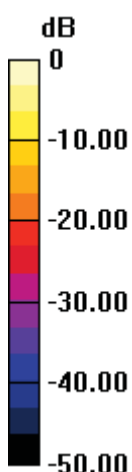
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 20.01 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.652 W/kg

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.192 W/kg**

Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 26 15M QPSK 1RB 0 Offset 26965CH Right Cheek-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 40.998$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39) @ 841.5 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM3; Type: SAM; Serial: 1597
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.174 W/kg

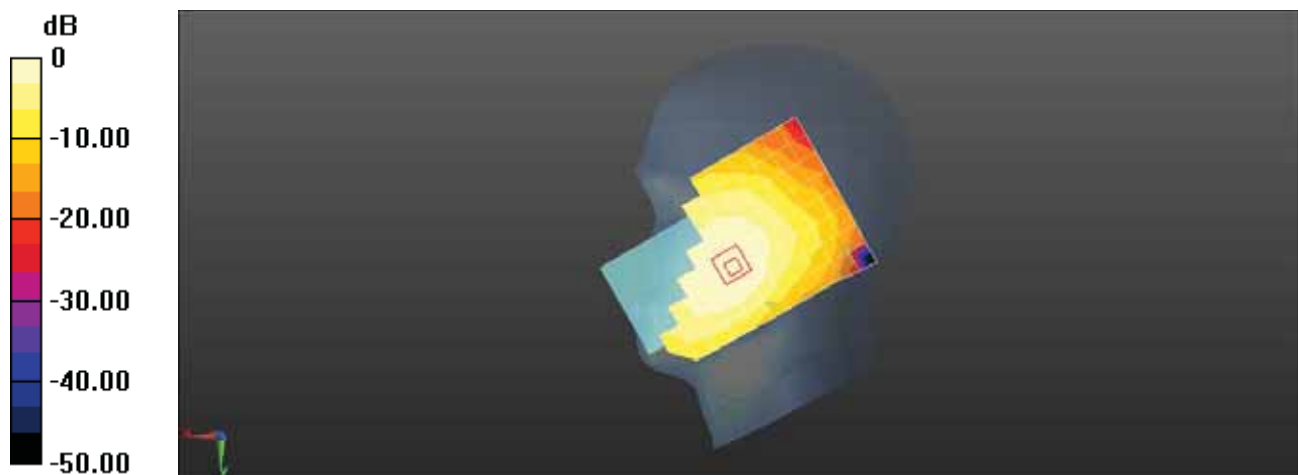
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.303 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.187 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 26 15M QPSK 50%RB 0 Offset 26865CH Front Side 15mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.977$  S/m;  $\epsilon_r = 54.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 831.5 MHz; Calibrated: 2018-1-9
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌘ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.145 W/kg

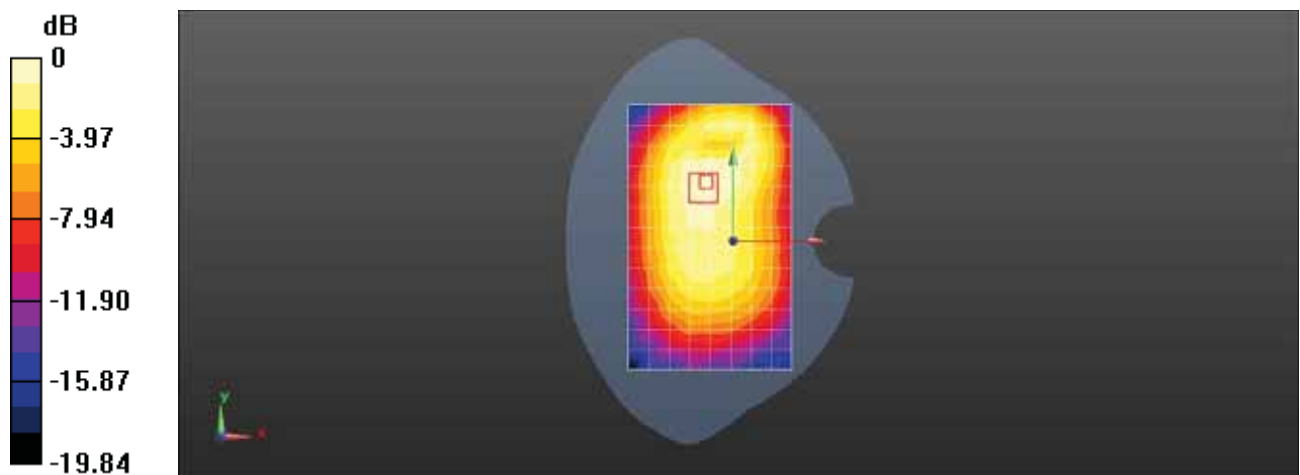
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.80 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.085 W/kg**

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.145 W/kg = -8.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 26 15M QPSK 1RB 38 Offset 26775CH Back Side 15mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.5$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 822.5 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.208 W/kg

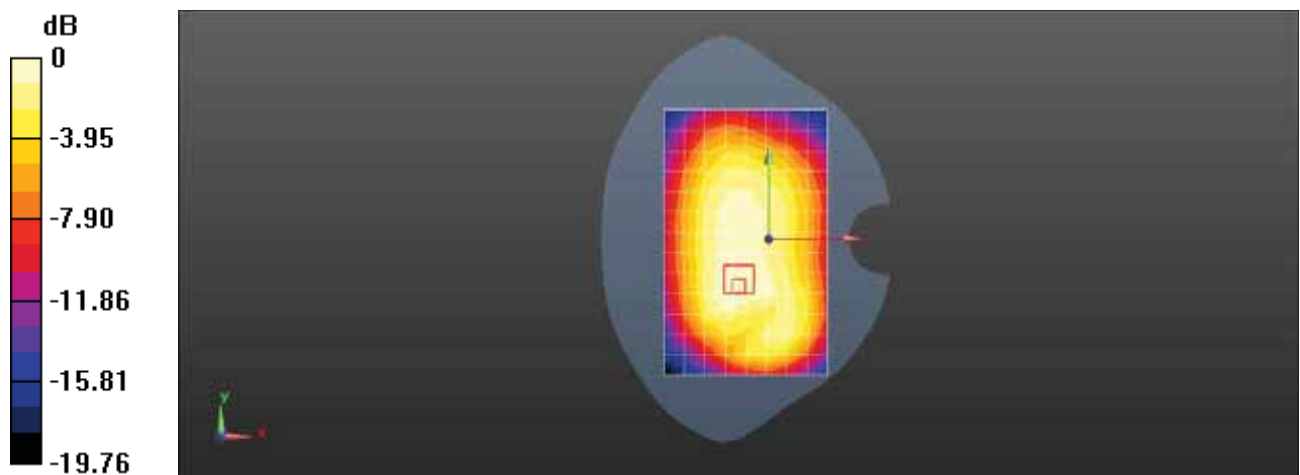
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.36 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.129 W/kg**

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



Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 26 15M QPSK 1RB 0 Offset 26865CH Front Side 10mm-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.977$  S/m;  $\epsilon_r = 54.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 831.5 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM4; Type: SAM; Serial: 1620
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) = 0.287 W/kg

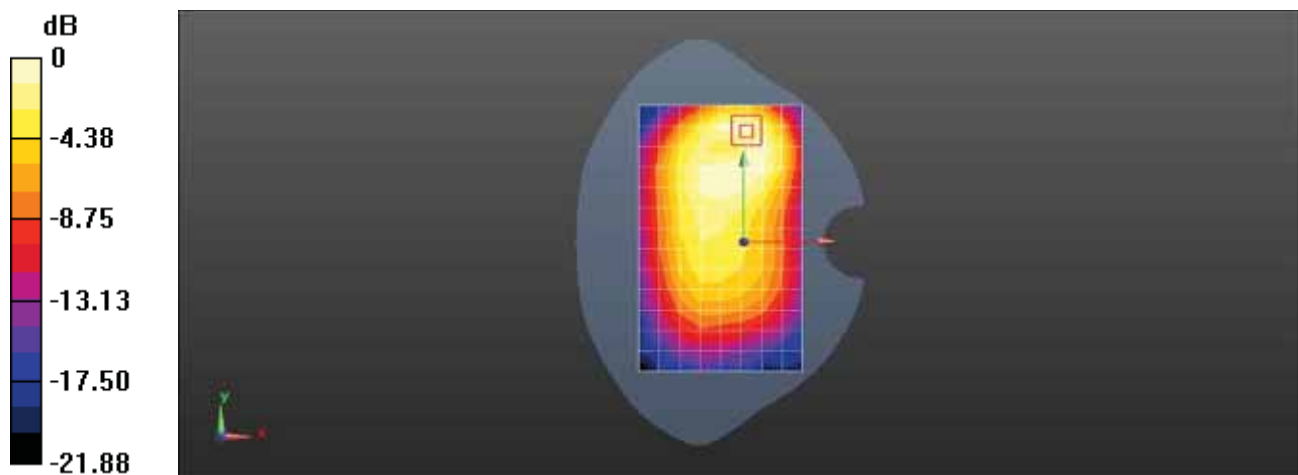
**Configuration/Body/Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.58 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.360 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.124 W/kg**

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



0 dB = 0.287 W/kg = -5.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 26 15M QPSK 1RB 38 Offset 26775CH Back Side 10mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-FDD (SC-FDMA, 15MHz, QPSK/16-QAM) (0); Frequency: 822.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 822.5$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8) @ 822.5 MHz; Calibrated: 2018-1-9
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ⌚ Phantom: SAM4; Type: SAM; Serial: 1620
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

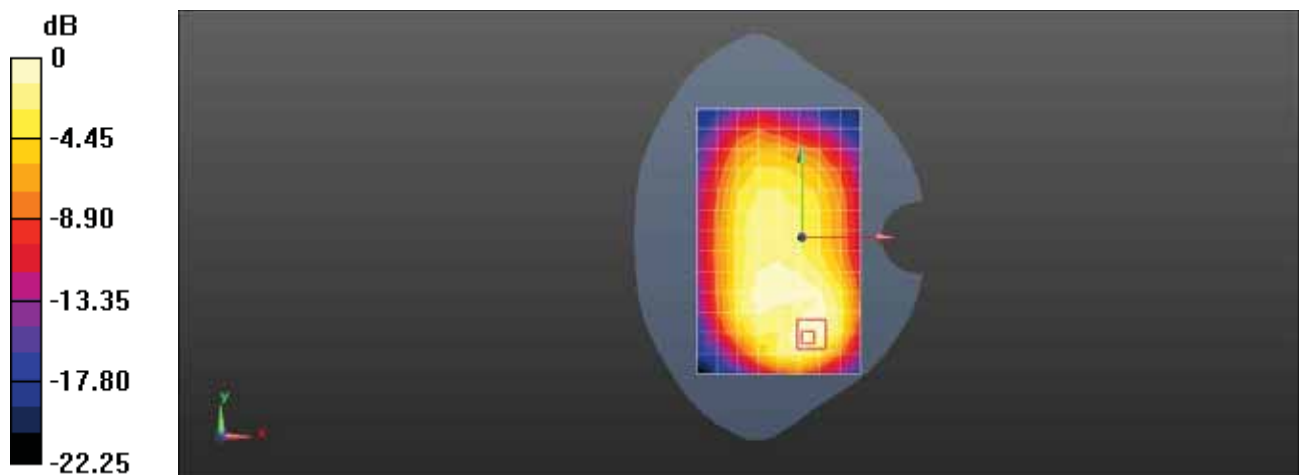
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.05 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.146 W/kg**

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



0 dB = 0.326 W/kg = -4.87 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 38 20M QPSK 1RB 50 Offset 38150CH Right Tilt-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2610$  MHz;  $\sigma = 1.88$  S/m;  $\epsilon_r = 39.739$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(6.93, 6.93, 6.93) @ 2610 MHz; Calibrated: 2018-4-27
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌘ Phantom: SAM1; Type: SAM; Serial: 1475
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.394 W/kg

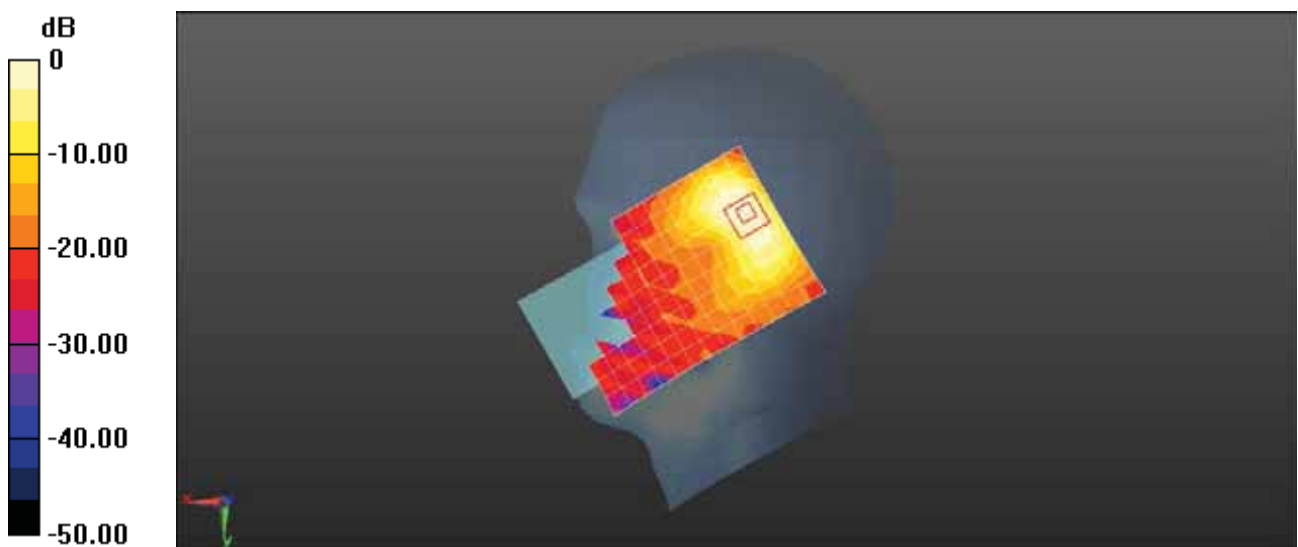
**Configuration/Head/Zoom Scan (8x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 11.06 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.859 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.652 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 38 20M QPSK 1RB 0 Offset 38000CH Right Cheek-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.869$  S/m;  $\epsilon_r = 39.762$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(6.93, 6.93, 6.93) @ 2595 MHz; Calibrated: 2018-4-27
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌘ Phantom: SAM1; Type: SAM; Serial: 1475
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.102 W/kg

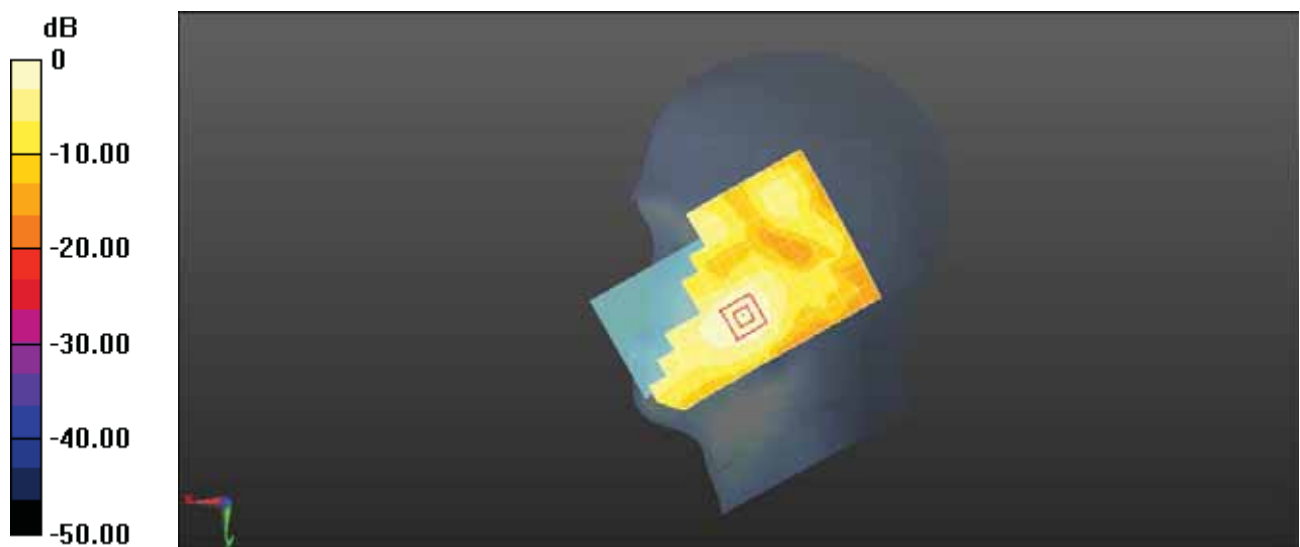
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.322 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.126 W/kg

**SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.040 W/kg**

Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.102 W/kg = -9.91 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 38 20M QPSK 1RB 0 Offset 38150CH Front Side 15mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.201$  S/m;  $\epsilon_r = 51.204$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2610 MHz; Calibrated: 2018-4-27
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌚ Phantom: SAM2; Type: SAM; Serial: 1474
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.380 W/kg

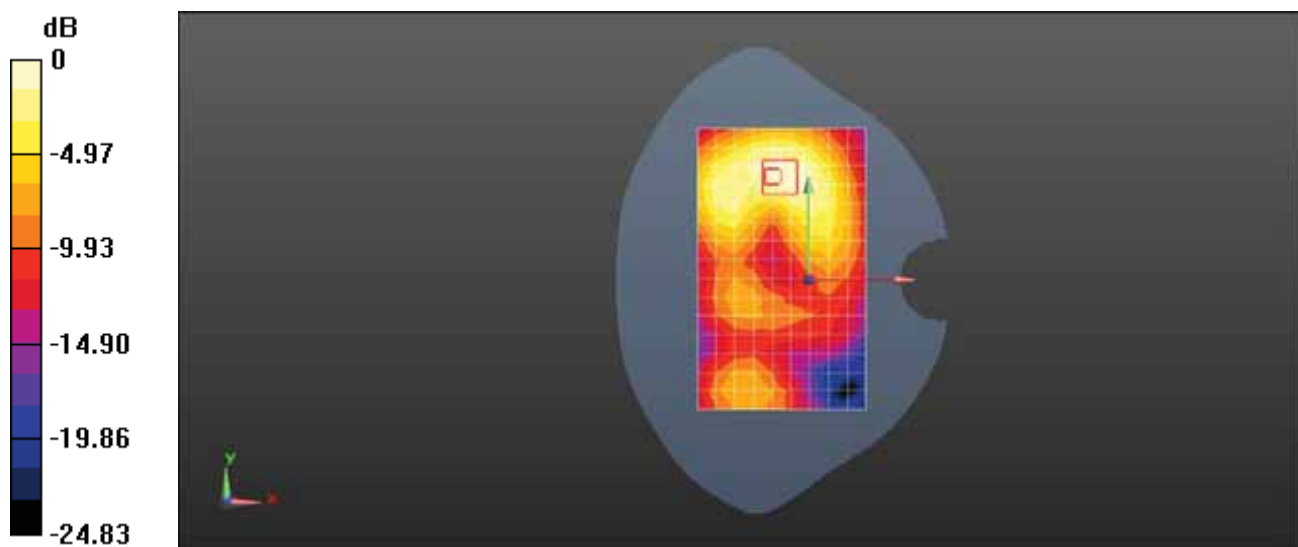
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.067 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.064 W/kg**

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



0 dB = 0.380 W/kg = -4.20 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 38 20M QPSK 1RB 0 Offset 38000CH Back Side 15mm-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2595 \text{ MHz}$ ;  $\sigma = 2.188 \text{ S/m}$ ;  $\epsilon_r = 51.238$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2595 MHz; Calibrated: 2018-4-27
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌚ Phantom: SAM2; Type: SAM; Serial: 1474
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.245 \text{ W/kg}$

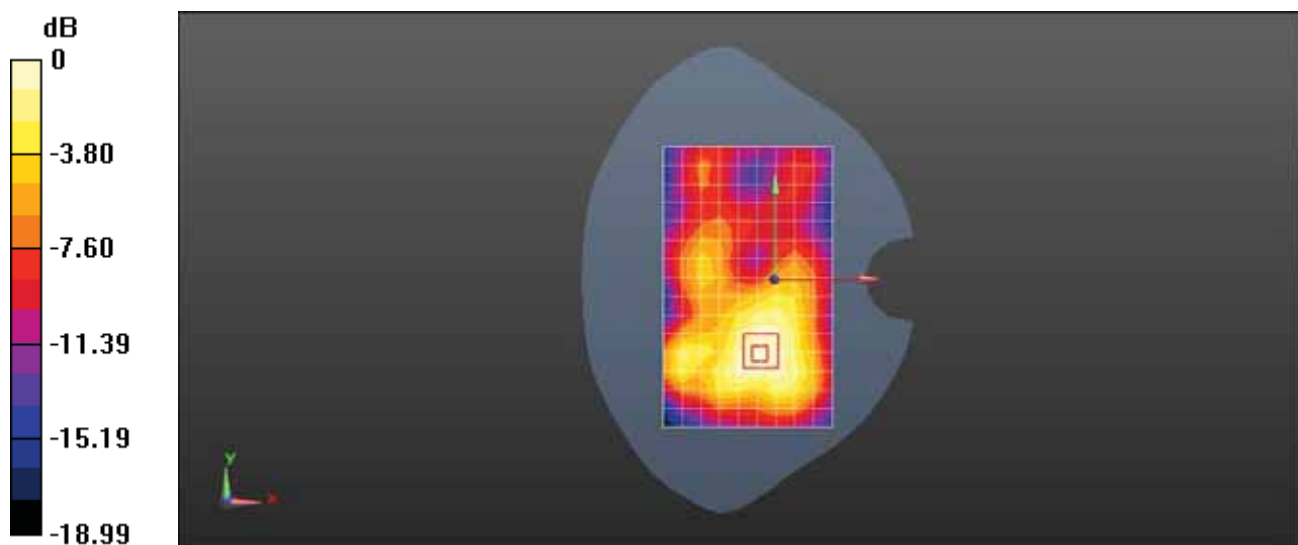
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.697 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.306 \text{ W/kg}$

**SAR(1 g) =  $0.162 \text{ W/kg}$ ; SAR(10 g) =  $0.091 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.248 \text{ W/kg}$



0 dB =  $0.245 \text{ W/kg}$  =  $-6.11 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 38 20M QPSK 1RB 0 Offset 38150CH Top Side 10mm-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2610$  MHz;  $\sigma = 2.201$  S/m;  $\epsilon_r = 51.204$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2610 MHz; Calibrated: 2018-4-27
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌚ Phantom: SAM2; Type: SAM; Serial: 1474
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (6x11x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.728 W/kg

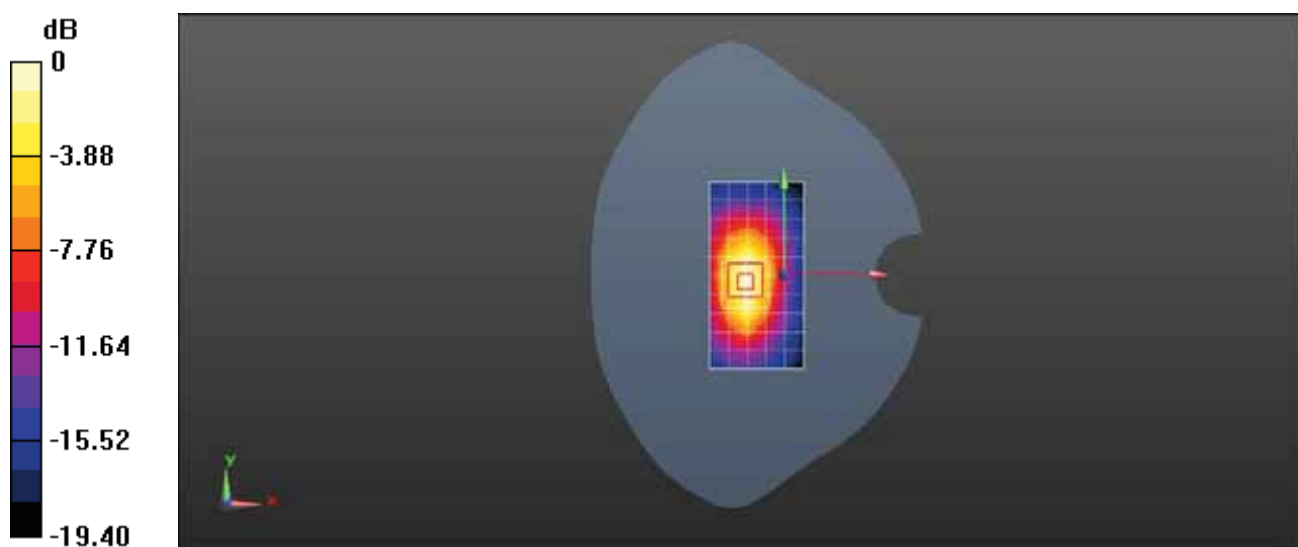
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 16.14 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.983 W/kg

**SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.234 W/kg**

Maximum value of SAR (measured) = 0.786 W/kg



0 dB = 0.728 W/kg = -1.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 38 20M QPSK 1RB 0 Offset 38000CH Back Side 10mm-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.188$  S/m;  $\epsilon_r = 51.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN3736; ConvF(6.9, 6.9, 6.9) @ 2595 MHz; Calibrated: 2018-4-27
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ⌘ Phantom: SAM2; Type: SAM; Serial: 1474
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.443 W/kg

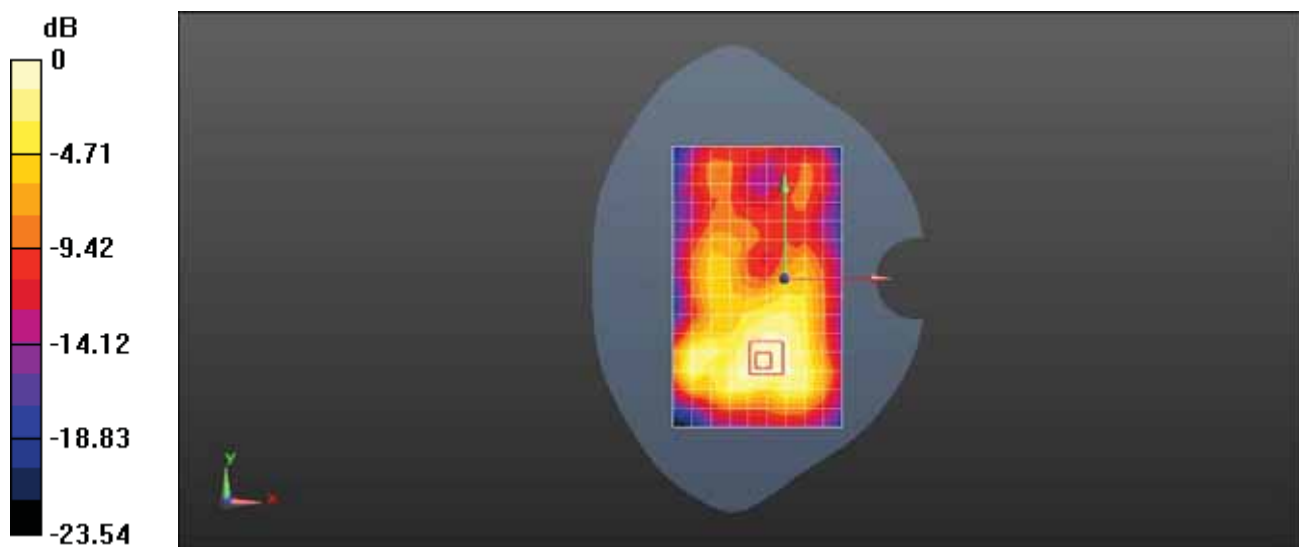
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.443 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.168 W/kg**

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.443 W/kg = -3.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C CA\_41C P\_1@99 40540CH S\_1@0 40738CH Right Cheek-Second**

## Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2585 MHz; Duty Cycle: 1:1.57906

Medium parameters used (interpolated):  $f = 2585$  MHz;  $\sigma = 1.932$  S/m;  $\epsilon_r = 38.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7505; ConvF(7.18, 7.18, 7.18) @ 2585 MHz; Calibrated: 2018-6-12
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ε Phantom: SAM5; Type: SAM; Serial: 1894
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (11x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.375 W/kg

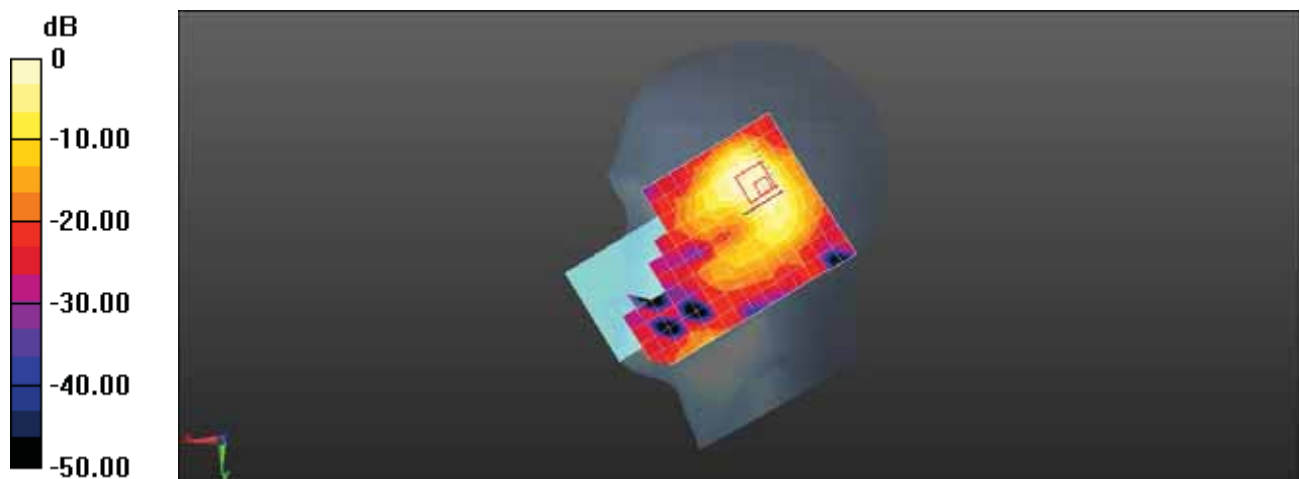
**Configuration/Head/Zoom Scan (9x8x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.61 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.736 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.600 W/kg



0 dB = 0.375 W/kg = -4.26 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 41 20M QPSK 1RB 50 Offset 41140CH Right Cheek-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz; Duty Cycle: 1:1.57906

Medium parameters used (interpolated):  $f = 2645$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 38.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7505; ConvF(7.18, 7.18, 7.18) @ 2645 MHz; Calibrated: 2018-6-12
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌚ Phantom: SAM5; Type: SAM; Serial: 1894
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (11x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

Maximum value of SAR (measured) = 0.0999 W/kg

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

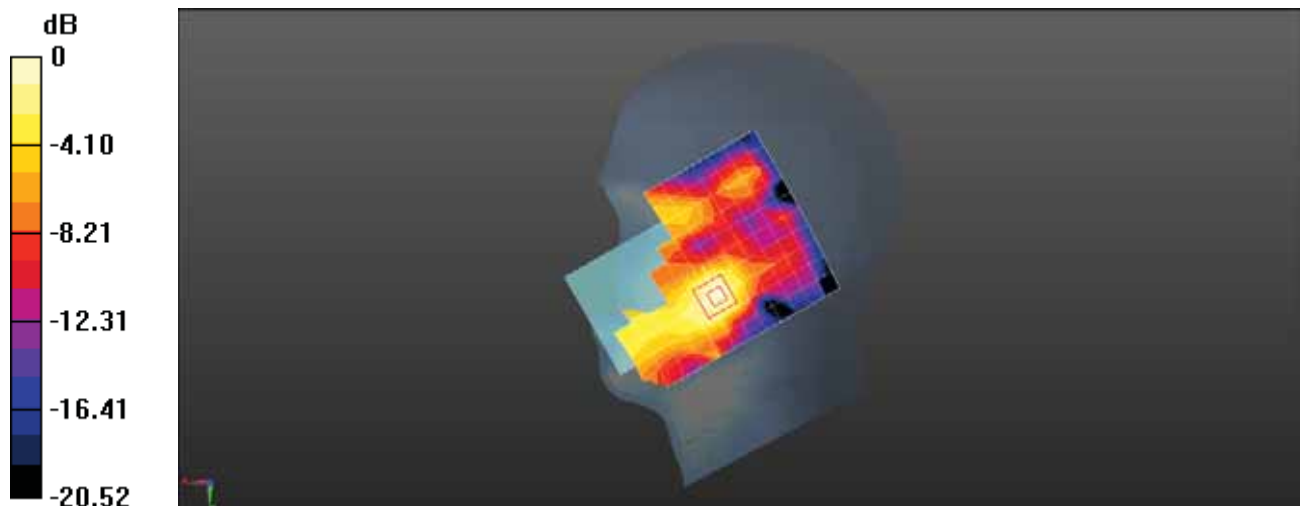
Reference Value = 2.339 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.119 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.040 W/kg**

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

Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.102 W/kg = -9.91 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C CA\_41C P\_1@99 40540CH S\_1@0 40738CH Front Side 15mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2585 MHz; Duty Cycle: 1:1.57906

Medium parameters used (interpolated):  $f = 2585$  MHz;  $\sigma = 2.164$  S/m;  $\epsilon_r = 52.624$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7505; ConvF(7.23, 7.23, 7.23) @ 2585 MHz; Calibrated: 2018-6-12
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌚ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

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

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

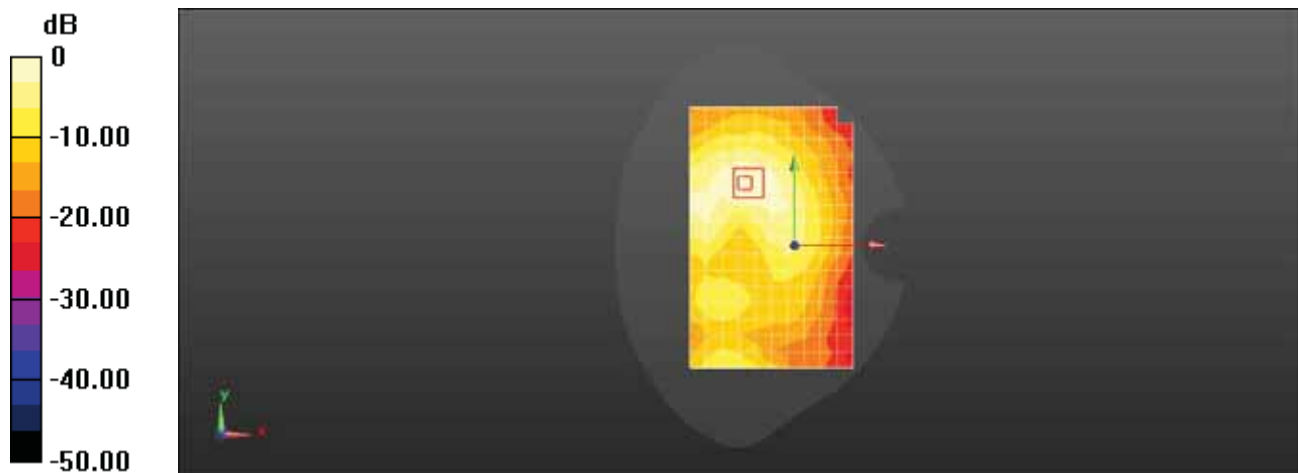
Reference Value = 5.155 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.106 W/kg**

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

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



0 dB = 0.260 W/kg = -5.85 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 41 20M QPSK 1RB 0 Offset 40840CH Back Side 15mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2615 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2615 \text{ MHz}$ ;  $\sigma = 2.199 \text{ S/m}$ ;  $\epsilon_r = 52.583$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7505; ConvF(7.23, 7.23, 7.23) @ 2615 MHz; Calibrated: 2018-6-12
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌚ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x17x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) = 0.204 W/kg

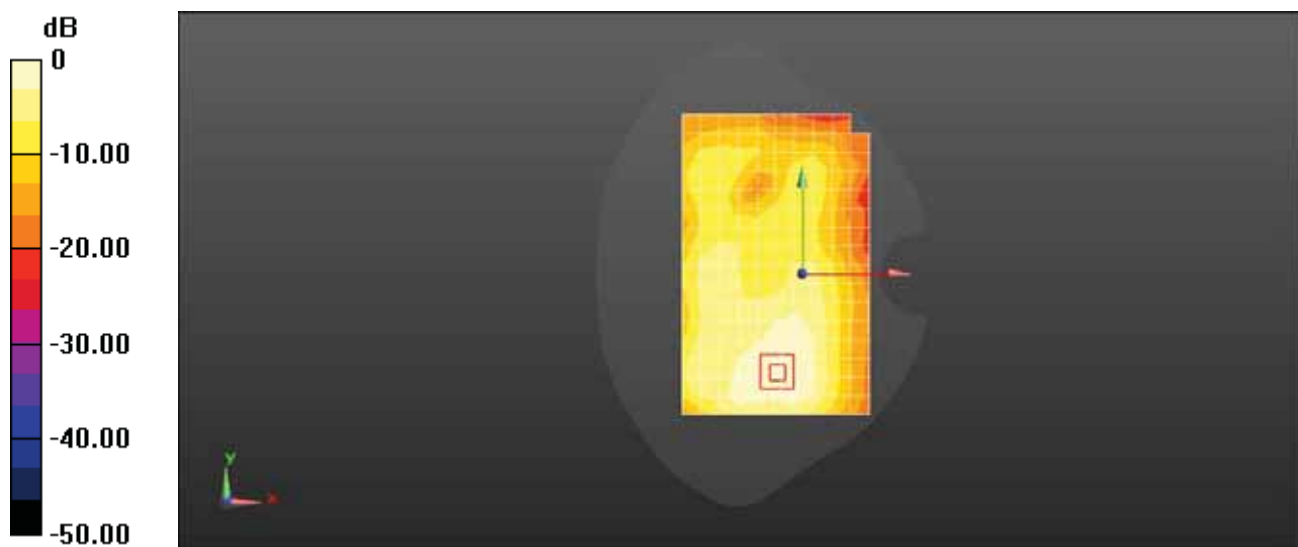
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.429 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.193 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.085 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 41 20M QPSK 1RB 99 Offset 40840CH Top Side 10mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2615 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2615$  MHz;  $\sigma = 2.199$  S/m;  $\epsilon_r = 52.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7505; ConvF(7.23, 7.23, 7.23) @ 2615 MHz; Calibrated: 2018-6-12
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌘ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (7x12x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.787 W/kg

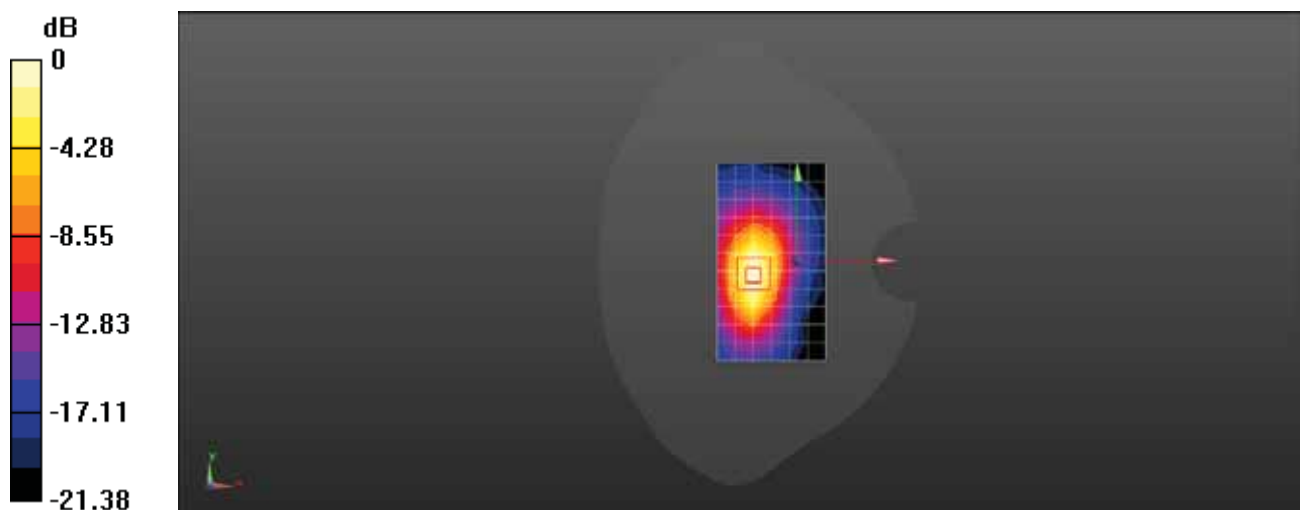
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.26 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.927 W/kg

**SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.248 W/kg**

Maximum value of SAR (measured) = 0.769 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 41 20M QPSK 1RB 0 Offset 40840CH Back Side 10mm-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2615 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2615 \text{ MHz}$ ;  $\sigma = 2.199 \text{ S/m}$ ;  $\epsilon_r = 52.583$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7505; ConvF(7.23, 7.23, 7.23) @ 2615 MHz; Calibrated: 2018-6-12
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌚ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x17x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.346 \text{ W/kg}$

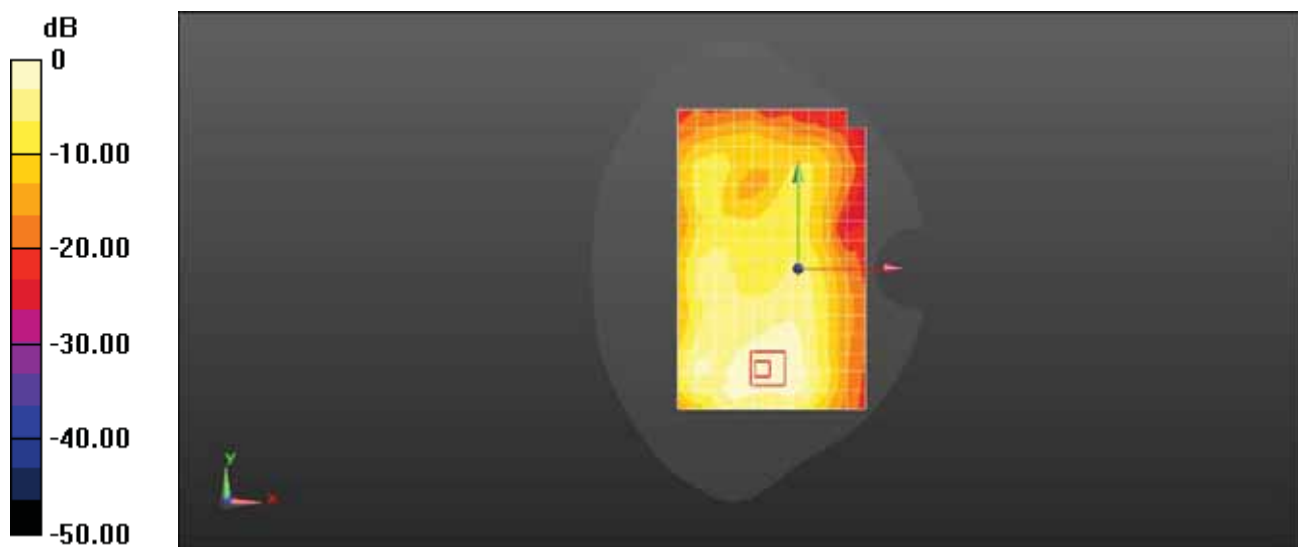
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.516 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.338 \text{ W/kg}$

**SAR(1 g) =  $0.232 \text{ W/kg}$ ; SAR(10 g) =  $0.142 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.307 \text{ W/kg}$



0 dB =  $0.346 \text{ W/kg}$  =  $-4.61 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 66 20M QPSK 1RB 0 Offset 132072CH Right Tilt-Second Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

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

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.36$  S/m;  $\epsilon_r = 39.796$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7505; ConvF(8.59, 8.59, 8.59) @ 1720 MHz; Calibrated: 2018-6-12
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌘ Phantom: SAM5; Type: SAM; Serial: 1894
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.603 W/kg

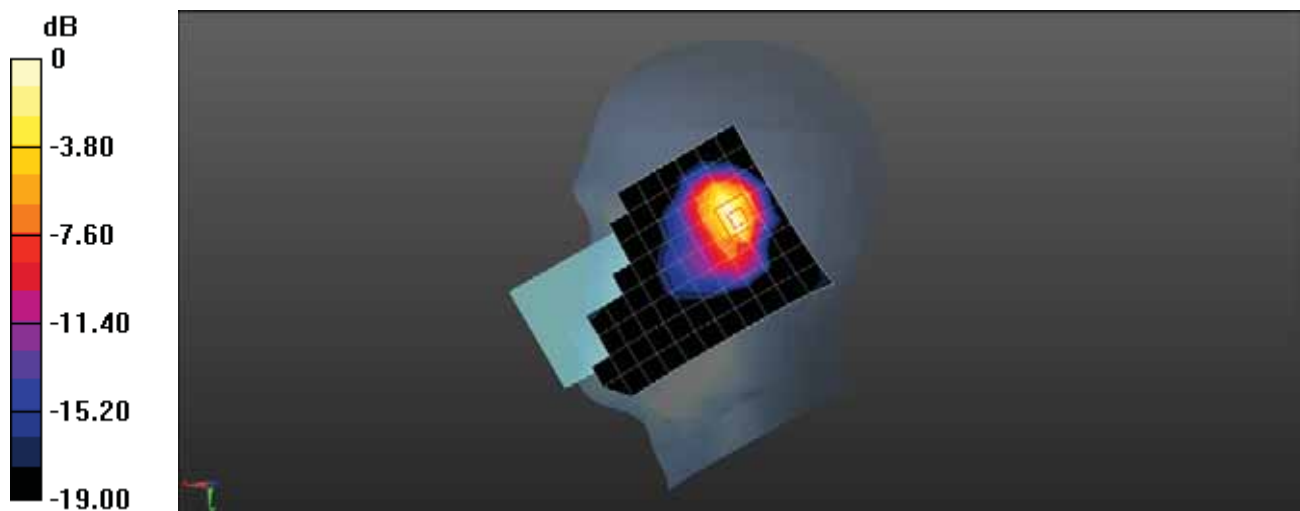
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 22.41 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.198 W/kg**

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



0 dB = 0.648 W/kg = -1.88 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C LTE Band 66 20M QPSK 1RB 99 Offset 132072CH Left Cheek-Main Antenna

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

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

Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.36 \text{ S/m}$ ;  $\epsilon_r = 39.796$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7505; ConvF(8.59, 8.59, 8.59) @ 1720 MHz; Calibrated: 2018-6-12
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌚ Phantom: SAM5; Type: SAM ; Serial: 1894
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.177 \text{ W/kg}$

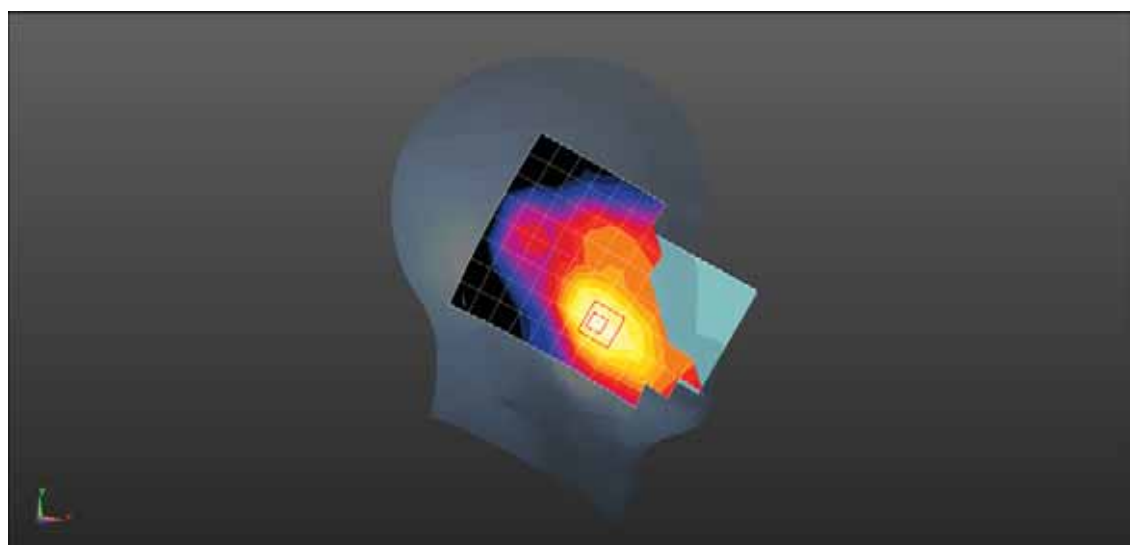
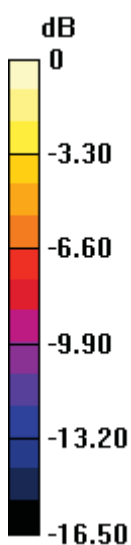
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.927 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $0.201 \text{ W/kg}$

**SAR(1 g) =  $0.141 \text{ W/kg}$ ; SAR(10 g) =  $0.092 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.181 \text{ W/kg}$



0 dB =  $0.181 \text{ W/kg}$  =  $-7.42 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 66 20M QPSK 1RB 0 Offset 132072CH Back Side 15mm-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

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

Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.467 \text{ S/m}$ ;  $\epsilon_r = 53.708$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7505; ConvF(8.23, 8.23, 8.23) @ 1720 MHz; Calibrated: 2018-6-12
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌘ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.236 \text{ W/kg}$

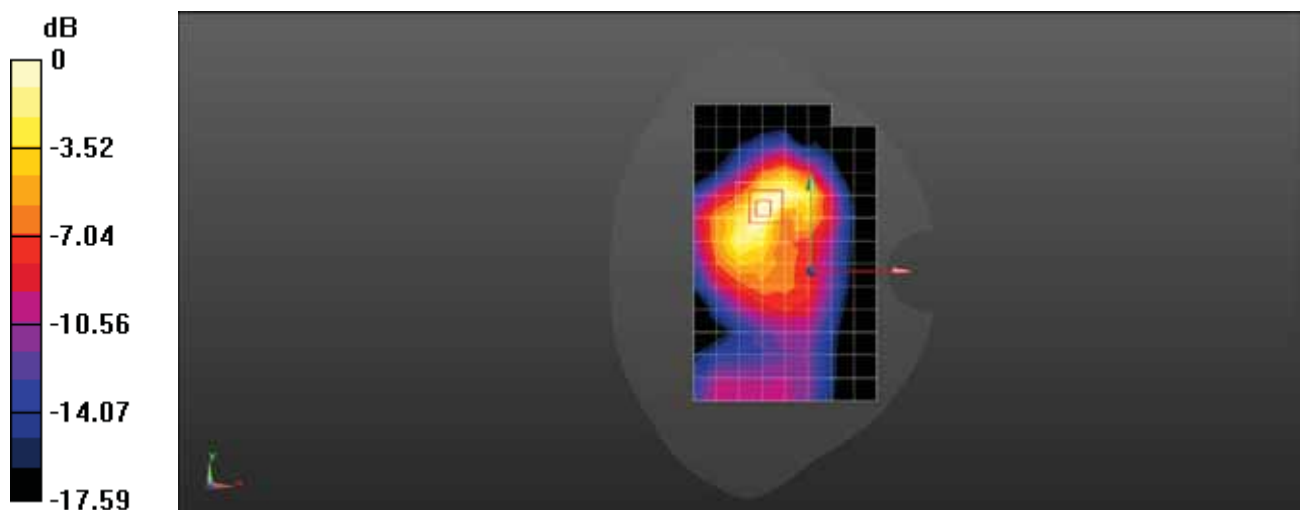
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.229 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.261 \text{ W/kg}$

**SAR(1 g) =  $0.181 \text{ W/kg}$ ; SAR(10 g) =  $0.107 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.226 \text{ W/kg}$



0 dB =  $0.226 \text{ W/kg}$  =  $-6.46 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 66 20M QPSK 1RB 0 Offset 132572CH Front Side 15mm-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

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

Medium parameters used:  $f = 1770 \text{ MHz}$ ;  $\sigma = 1.493 \text{ S/m}$ ;  $\epsilon_r = 53.75$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌘ Probe: EX3DV4 - SN7505; ConvF(8.23, 8.23, 8.23) @ 1770 MHz; Calibrated: 2018-6-12
- ⌘ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌘ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌘ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌘ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $1.08 \text{ W/kg}$

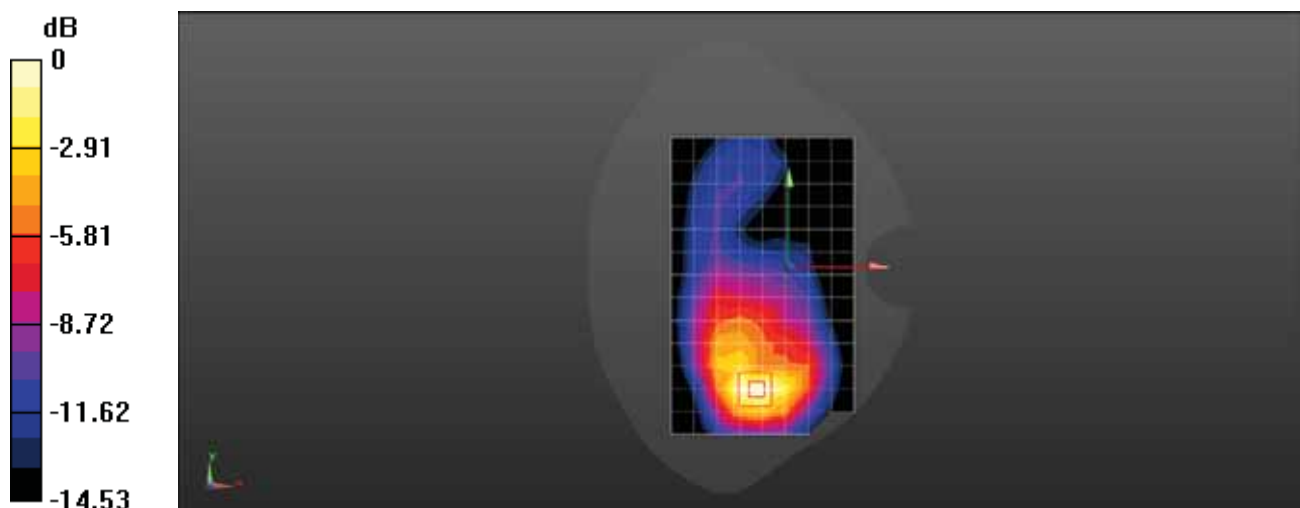
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.046 \text{ V/m}$ ; Power Drift =  $0.10 \text{ dB}$

Peak SAR (extrapolated) =  $0.968 \text{ W/kg}$

**SAR(1 g) =  $0.765 \text{ W/kg}$ ; SAR(10 g) =  $0.472 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.928 \text{ W/kg}$



0 dB =  $0.928 \text{ W/kg}$  =  $-0.32 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 66 20M QPSK 1RB 99 Offset 132072CH Top Side 10mm with Battery2-Second Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

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;  $\sigma = 1.458$  S/m;  $\epsilon_r = 54.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ι Probe: EX3DV4 - SN7505; ConvF(8.23, 8.23, 8.23) @ 1720 MHz; Calibrated: 2018-6-12
- ι Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ι Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ι Phantom: SAM6; Type: SAM; Serial: 1892
- ι DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (5x10x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.399 W/kg

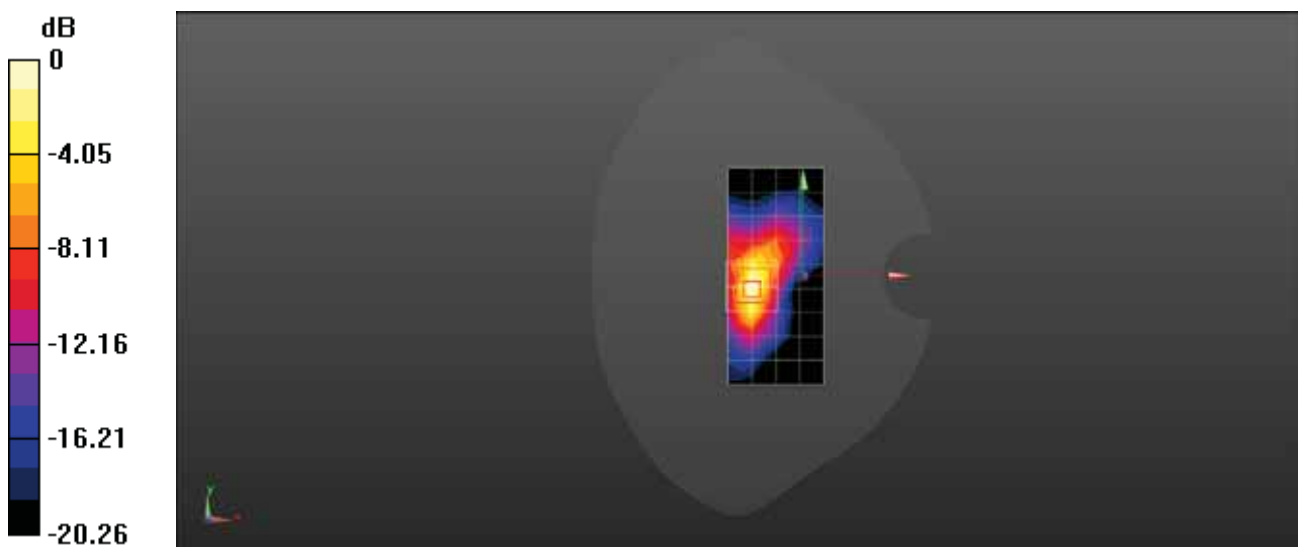
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.363 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.120 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

## **LYA-L0C LTE Band 66 20M QPSK 1RB 99 Offset 132072CH Bottom Side 10mm-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

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

Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.458 \text{ S/m}$ ;  $\epsilon_r = 54.132$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7505; ConvF(8.23, 8.23, 8.23) @ 1720 MHz; Calibrated: 2018-6-12
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌚ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.608 \text{ W/kg}$

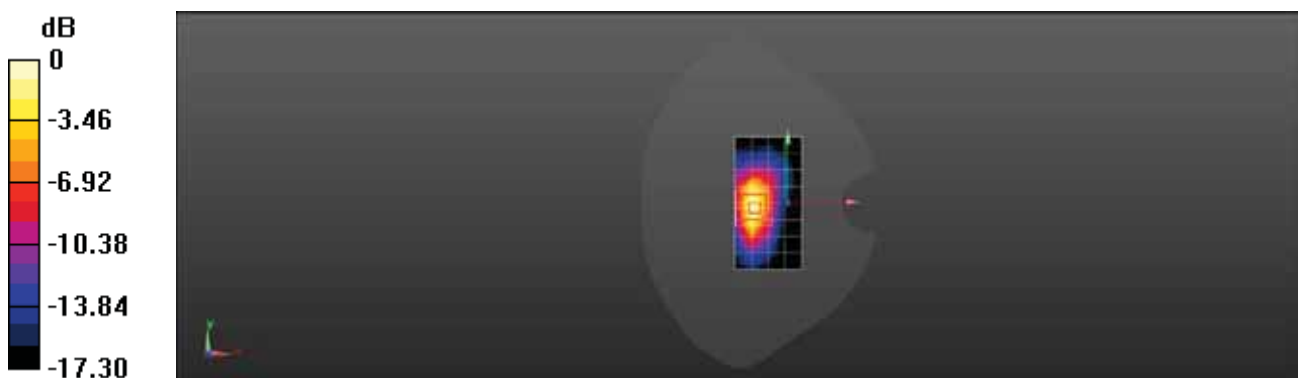
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.57 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.725 \text{ W/kg}$

**SAR(1 g) =  $0.442 \text{ W/kg}$ ; SAR(10 g) =  $0.236 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.638 \text{ W/kg}$



0 dB =  $0.638 \text{ W/kg}$  =  $-1.95 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

**LYA-L0C LTE Band 66 20M QPSK 1RB 99 Offset 132072CH Front Side 3mm with Battery2-Main Antenna**

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR3**

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

Medium parameters used:  $f = 1720 \text{ MHz}$ ;  $\sigma = 1.458 \text{ S/m}$ ;  $\epsilon_r = 54.132$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ⌚ Probe: EX3DV4 - SN7505; ConvF(8.23, 8.23, 8.23) @ 1720 MHz; Calibrated: 2018-6-12
- ⌚ Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ⌚ Electronics: DAE4 Sn1235; Calibrated: 2017-11-16
- ⌚ Phantom: SAM6; Type: SAM; Serial: 1892
- ⌚ DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $3.10 \text{ W/kg}$

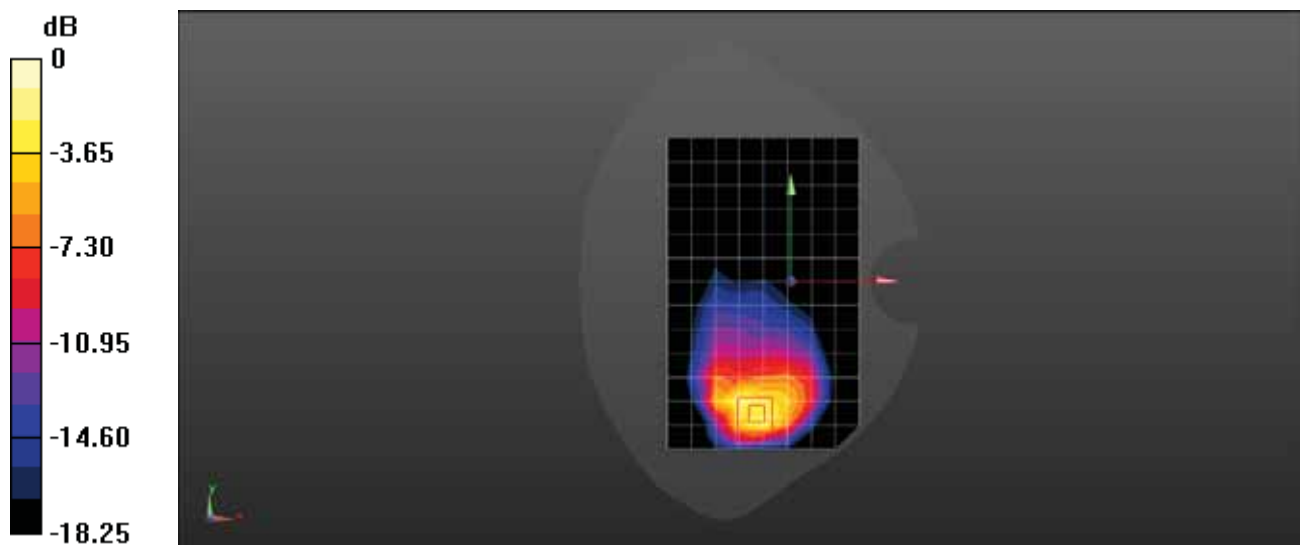
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.305 \text{ V/m}$ ; Power Drift =  $0.19 \text{ dB}$

Peak SAR (extrapolated) =  $7.00 \text{ W/kg}$

**SAR(1 g) =  $4.39 \text{ W/kg}$ ; SAR(10 g) =  $2.13 \text{ W/kg}$**

Maximum value of SAR (measured) =  $4.63 \text{ W/kg}$



0 dB =  $4.63 \text{ W/kg}$  =  $6.66 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C WiFi 2.4G 802.11b 1M 11CH Left Tilt-Ant 1

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.777 \text{ S/m}$ ;  $\epsilon_r = 40.259$ ;  $\rho = 1000 \text{ kg/m}^3$

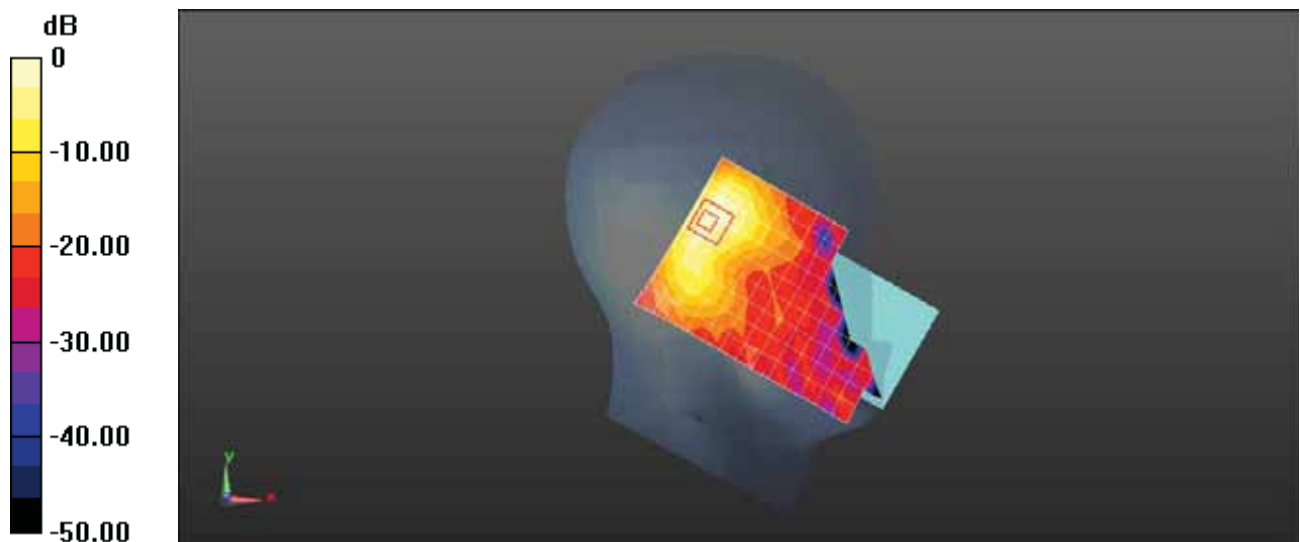
Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.13, 7.13, 7.13) @ 2462 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM1; Type: SAM; Serial: 1475
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.444 \text{ W/kg}$

**Configuration/Head/Zoom Scan (8x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $7.851 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$   
Peak SAR (extrapolated) =  $0.586 \text{ W/kg}$   
**SAR(1 g) =  $0.247 \text{ W/kg}$ ; SAR(10 g) =  $0.114 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.447 \text{ W/kg}$



$0 \text{ dB} = 0.444 \text{ W/kg} = -3.53 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C WiFi 2.4G 802.11b 1M 11CH Back Side 15mm with Battery2-Ant 1

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.03 \text{ S/m}$ ;  $\epsilon_r = 50.655$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.02, 7.02, 7.02) @ 2462 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM2; Type: SAM; Serial: 1474
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.109 \text{ W/kg}$

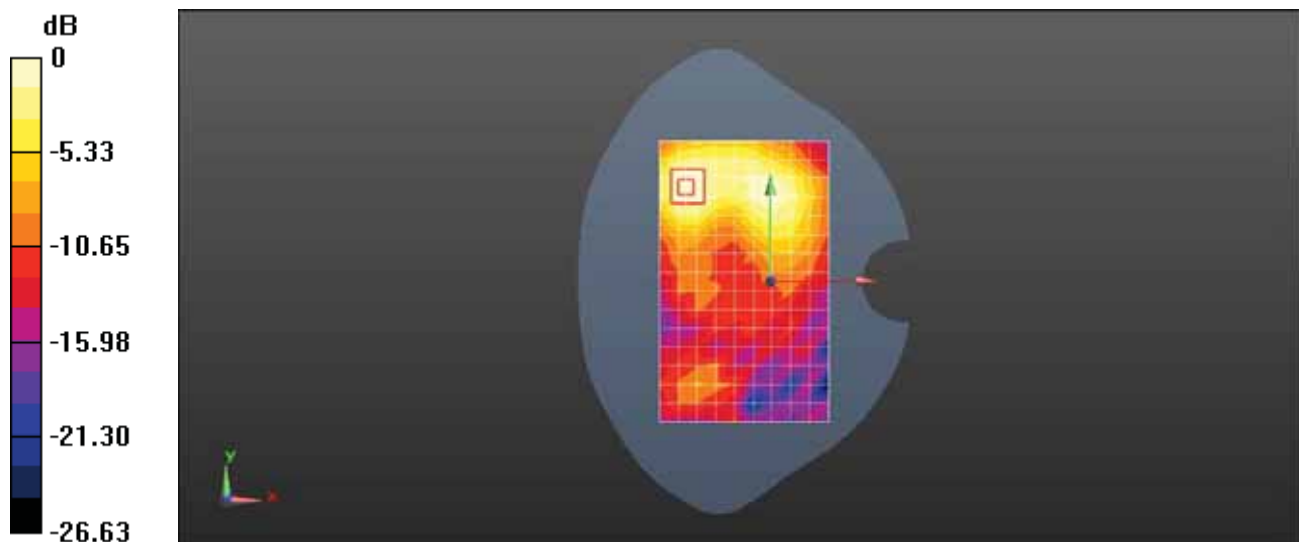
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.607 \text{ V/m}$ ; Power Drift =  $0.18 \text{ dB}$

Peak SAR (extrapolated) =  $0.159 \text{ W/kg}$

**SAR(1 g) =  $0.078 \text{ W/kg}$ ; SAR(10 g) =  $0.038 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.127 \text{ W/kg}$



0 dB =  $0.109 \text{ W/kg}$  =  $-9.63 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C WiFi 2.4G 802.11b 1M 11CH Back Side 10mm with Battery2-Ant 1

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.03 \text{ S/m}$ ;  $\epsilon_r = 50.655$ ;  $\rho = 1000 \text{ kg/m}^3$

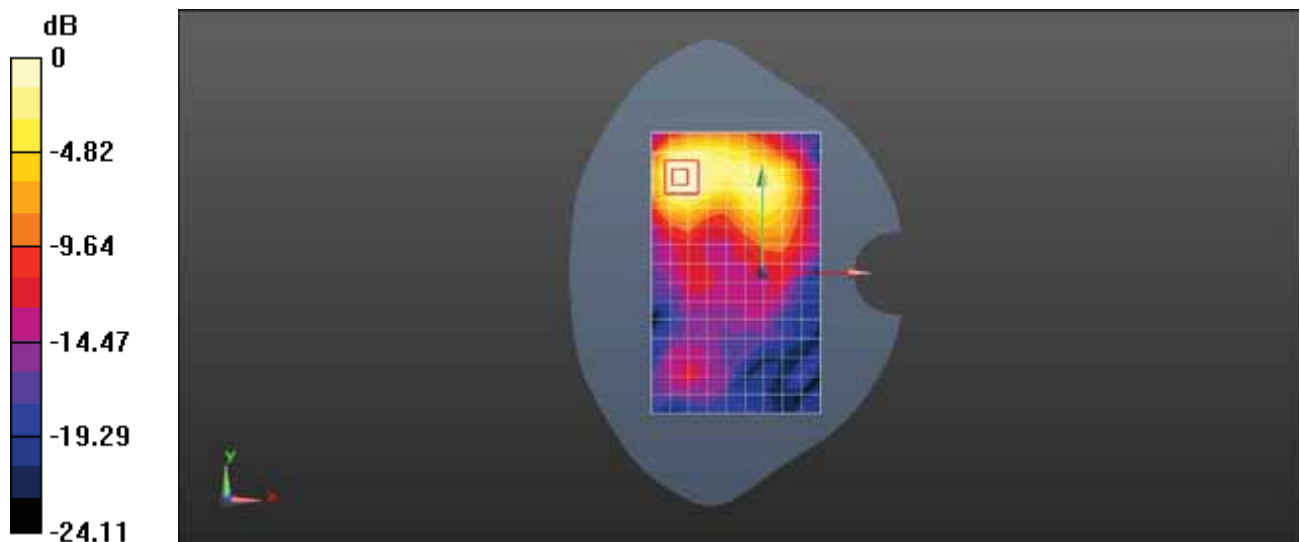
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.02, 7.02, 7.02) @ 2462 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM2; Type: SAM; Serial: 1474
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.237 \text{ W/kg}$

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $1.782 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$   
Peak SAR (extrapolated) =  $0.429 \text{ W/kg}$   
**SAR(1 g) =  $0.195 \text{ W/kg}$ ; SAR(10 g) =  $0.088 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.327 \text{ W/kg}$



0 dB =  $0.237 \text{ W/kg}$  =  $-6.25 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C WiFi 5G 802.11n 40M 110CH Left Tilt with Battery2-Ant1

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5550 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5550$  MHz;  $\sigma = 4.964$  S/m;  $\epsilon_r = 36.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

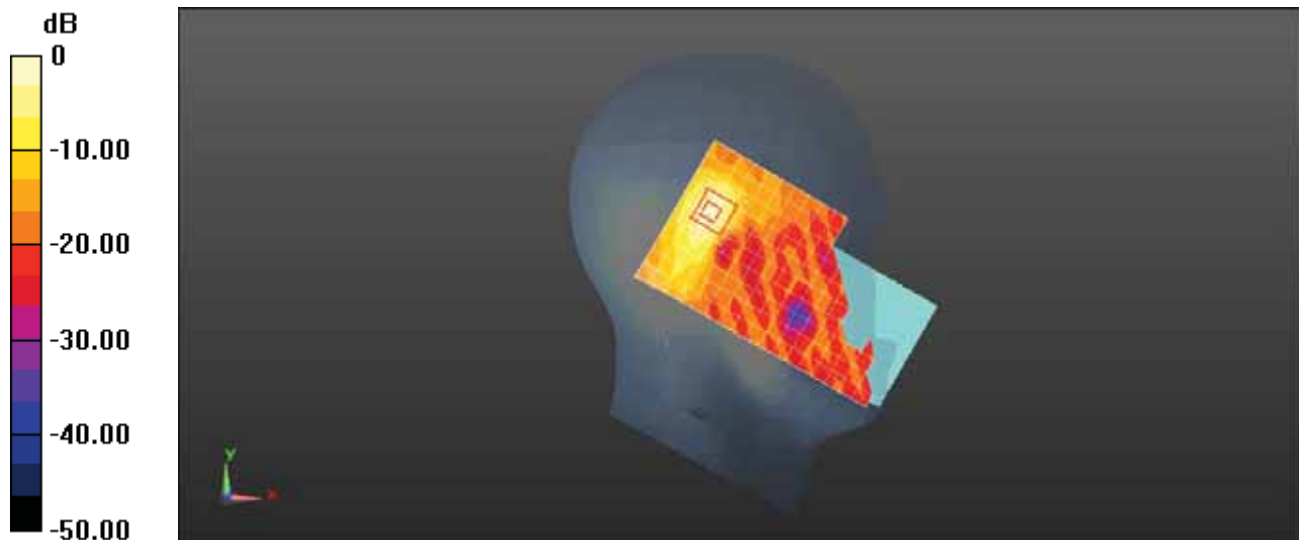
Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(4.38, 4.38, 4.38) @ 5550 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM1; Type: SAM; Serial: 1475
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.643 W/kg

**Configuration/Head/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 4.125 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 1.50 W/kg  
**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.054 W/kg**  
Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.643 W/kg = -1.92 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C WiFi 5G 802.11a 60CH Back Side 15mm with Battery2-Ant2

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.685$  S/m;  $\epsilon_r = 48.409$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(3.8, 3.8, 3.8) @ 5300 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM2; Type: SAM; Serial: 1474
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (13x21x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.716 W/kg

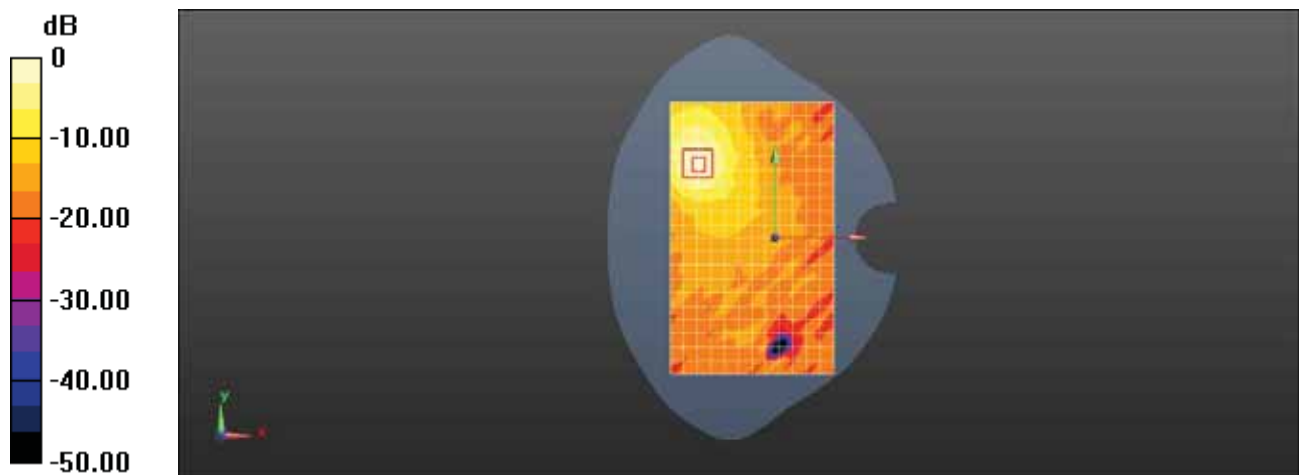
**Configuration/Body/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 2.211 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.773 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C WiFi 5G 802.11a 6M 48CH Back Side 10mm-Ant 2

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5240 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 5.247 \text{ S/m}$ ;  $\epsilon_r = 48.007$ ;  $\rho = 1000 \text{ kg/m}^3$

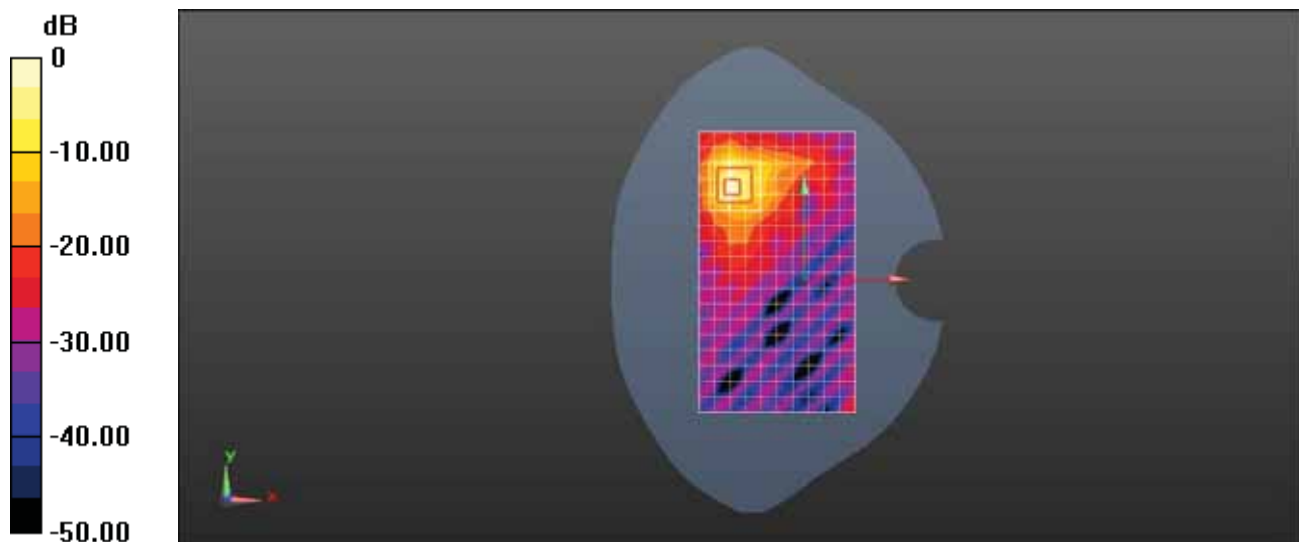
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(4.9, 4.9, 4.9) @ 5240 MHz; Calibrated: 2018-1-9
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2018-4-23
- ε Phantom: SAM4; Type: SAM; Serial: 1620
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x11x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
Maximum value of SAR (measured) =  $0.635 \text{ W/kg}$

**Configuration/Body/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$   
Reference Value =  $5.572 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$   
Peak SAR (extrapolated) =  $1.20 \text{ W/kg}$   
**SAR(1 g) =  $0.302 \text{ W/kg}$ ; SAR(10 g) =  $0.087 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.721 \text{ W/kg}$



$0 \text{ dB} = 0.635 \text{ W/kg} = -1.97 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C WiFi 5G 802.11a 60CH Back Side 0mm-Ant2

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.685 \text{ S/m}$ ;  $\epsilon_r = 48.409$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

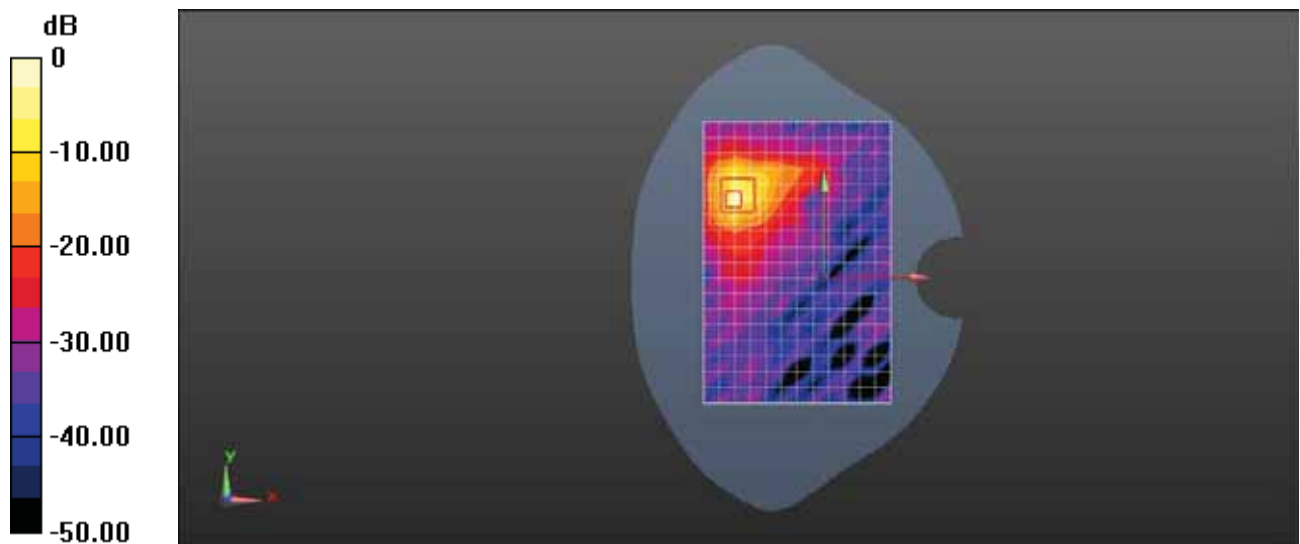
DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(3.8, 3.8, 3.8) @ 5300 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM2; Type: SAM; Serial: 1474
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (13x19x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
Maximum value of SAR (measured) = 17.3 W/kg

**Configuration/Body/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$   
Reference Value = 1.366 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 37.5 W/kg  
**SAR(1 g) = 4.93 W/kg; SAR(10 g) = 1.03 W/kg**

Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C BT 70CH Left Cheek

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, BT (0); Frequency: 2472 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2472$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 40.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.13, 7.13, 7.13) @ 2472 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM1; Type: SAM; Serial: 1475
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.112 W/kg

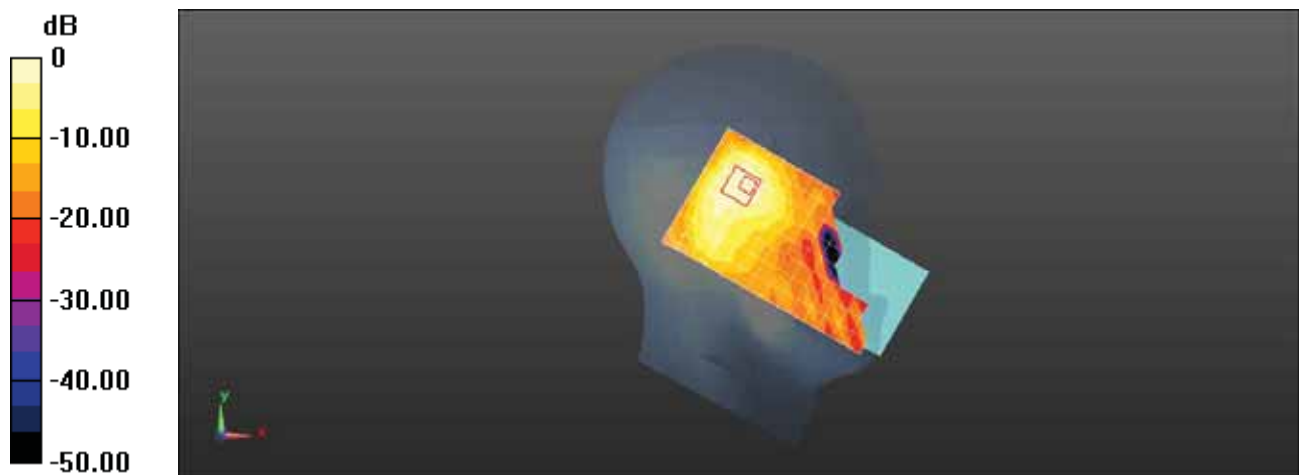
**Configuration/Body/Zoom Scan (8x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.976 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C BT 70CH Front Side 15mm with Battery2

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, BT (0); Frequency: 2472 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2472$  MHz;  $\sigma = 2.038$  S/m;  $\epsilon_r = 50.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.02, 7.02, 7.02) @ 2472 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM2; Type: SAM; Serial: 1474
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0112 W/kg

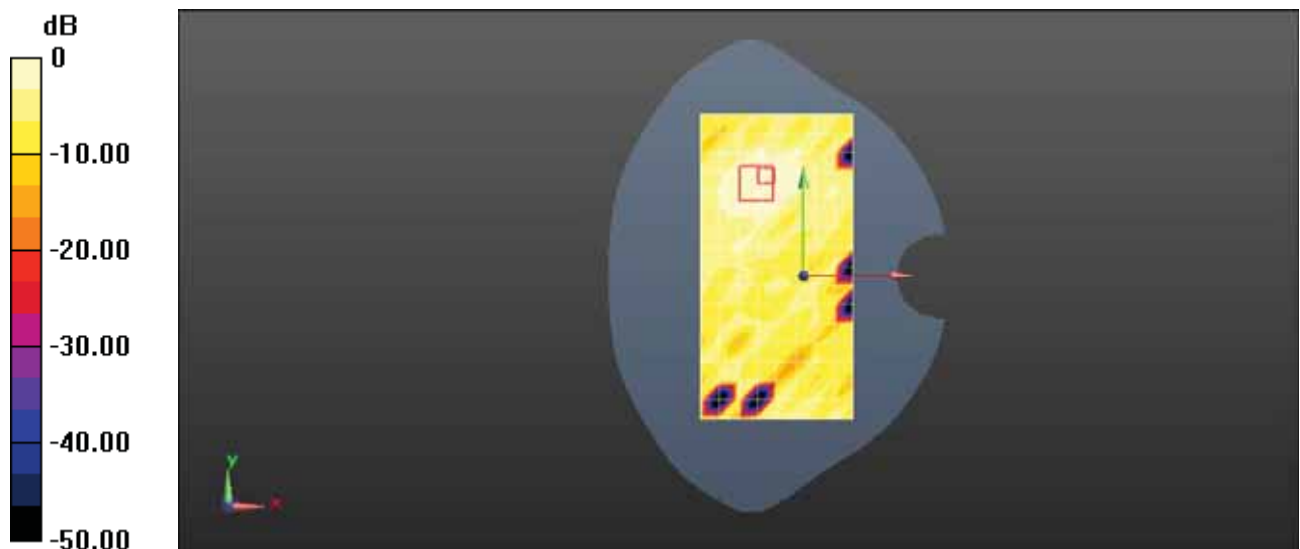
**Configuration/Body/Zoom Scan (8x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.872 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0170 W/kg

**SAR(1 g) = 0.004 W/kg; SAR(10 g) = 0.001 W/kg**

Maximum value of SAR (measured) = 0.00971 W/kg



0 dB = 0.0112 W/kg = -19.51 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L29 BT 70CH Back Side 10mm

**DUT: LYA-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, BT (0); Frequency: 2472 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2472$  MHz;  $\sigma = 2.038$  S/m;  $\epsilon_r = 50.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.02, 7.02, 7.02) @ 2472 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM2; Type: SAM; Serial: 1474
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (9x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0456 W/kg

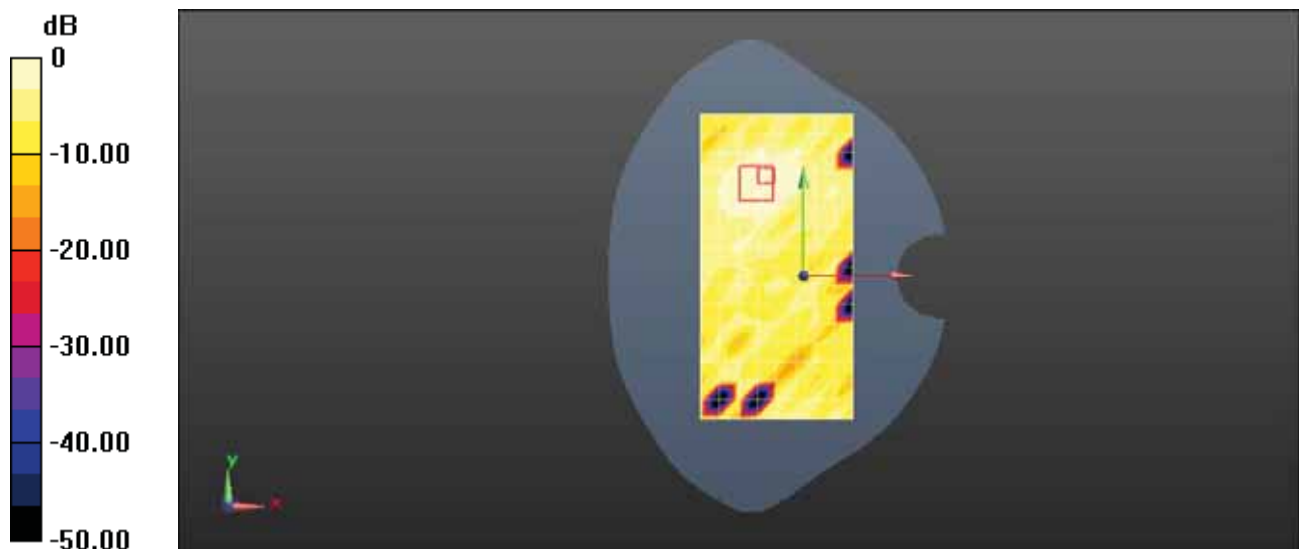
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.505 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0700 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0541 W/kg



0 dB = 0.0456 W/kg = -13.41 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## LYA-L0C BT 70CH Top Side 0mm

**DUT: LYA-L0C; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, BT (0); Frequency: 2472 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2472 \text{ MHz}$ ;  $\sigma = 2.038 \text{ S/m}$ ;  $\epsilon_r = 50.64$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.02, 7.02, 7.02) @ 2472 MHz; Calibrated: 2018-4-27
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- ε Phantom: SAM2; Type: SAM; Serial: 1474
- ε DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (6x13x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (measured) =  $0.392 \text{ W/kg}$

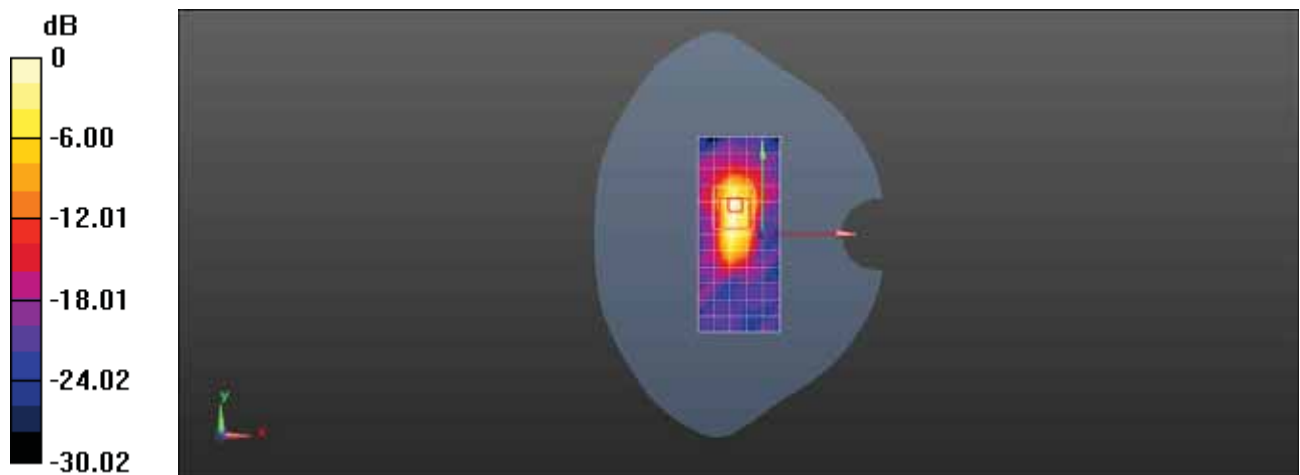
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $0.4270 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$

Peak SAR (extrapolated) =  $0.848 \text{ W/kg}$

**SAR(1 g) =  $0.263 \text{ W/kg}$ ; SAR(10 g) =  $0.101 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.547 \text{ W/kg}$



0 dB =  $0.392 \text{ W/kg}$  =  $-4.07 \text{ dBW/kg}$