

Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 2.4G 802.11n 40M 5CH Right Cheek with Battery2-Ant6(Core1)**

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR6**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2432 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2432$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 39.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.13, 7.13, 7.13) @ 2432 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (11x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.105 W/kg

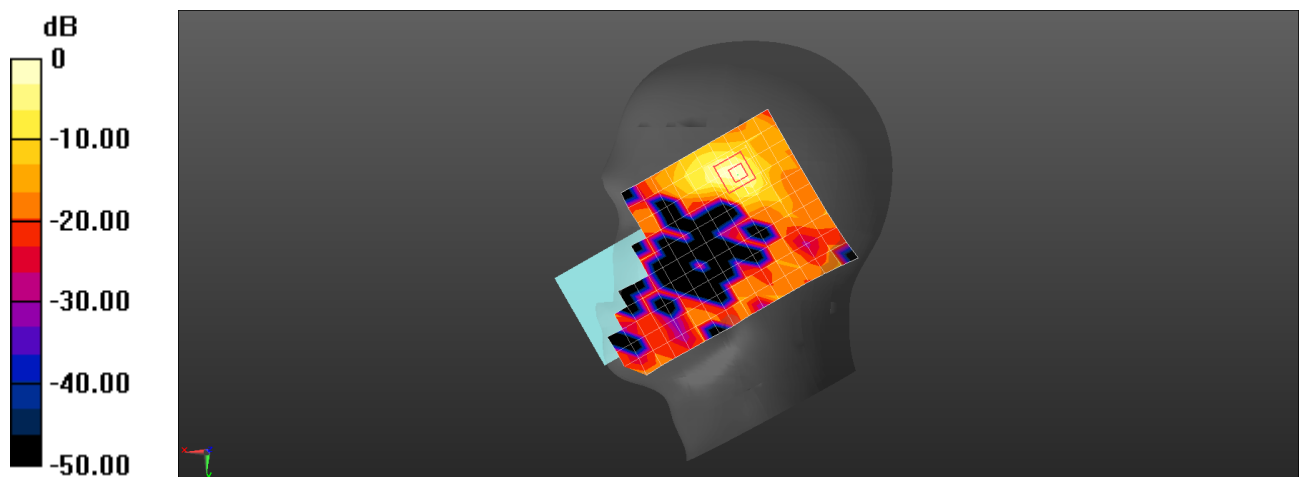
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 WiFi 2.4G 802.11b 11CH Back Side 15mm-Ant5(Core0)

**DUT: ELE-L29; 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:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.034 \text{ S/m}$ ;  $\epsilon_r = 50.753$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2462 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- 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) =  $0.237 \text{ W/kg}$

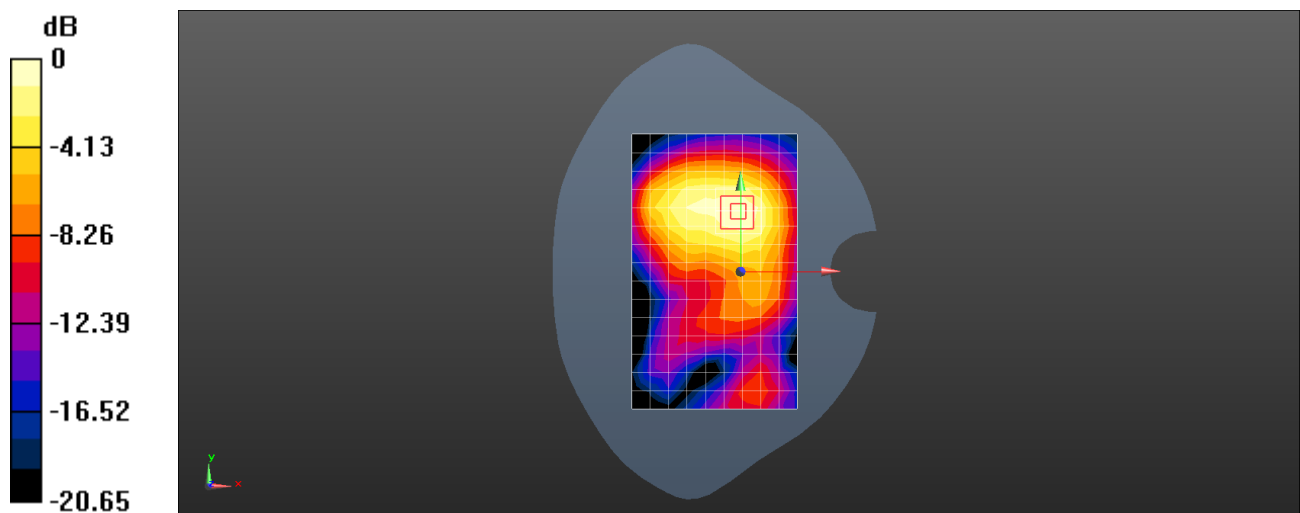
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.395 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.292 \text{ W/kg}$

**SAR(1 g) =  $0.162 \text{ W/kg}$ ; SAR(10 g) =  $0.093 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.242 \text{ W/kg}$



0 dB =  $0.242 \text{ W/kg}$  =  $-6.16 \text{ dBW/kg}$

Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 WiFi 2.4G 802.11b 1CH Back Side 15mm-Ant6(Core1)

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.988$  S/m;  $\epsilon_r = 50.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2412 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- 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) = 0.104 W/kg

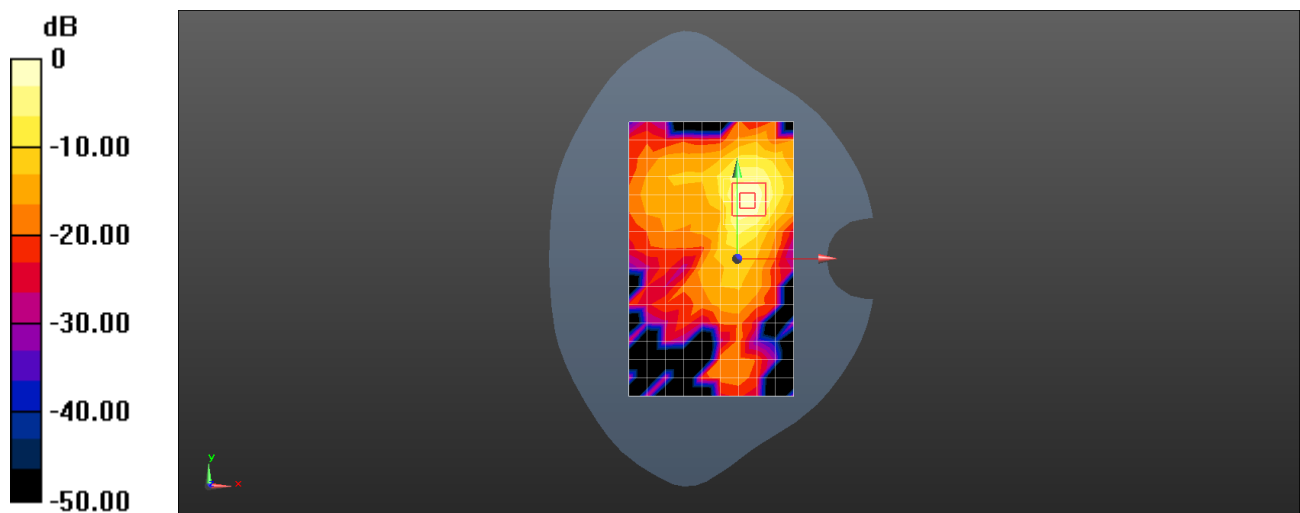
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.963 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.179 W/kg

**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.041 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 WiFi 2.4G 802.11b 11CH Top Side 10mm-Ant5(Core0)

**DUT: ELE-L29; 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:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.034 \text{ S/m}$ ;  $\epsilon_r = 50.753$ ;  $\rho = 1000 \text{ kg/m}^3$

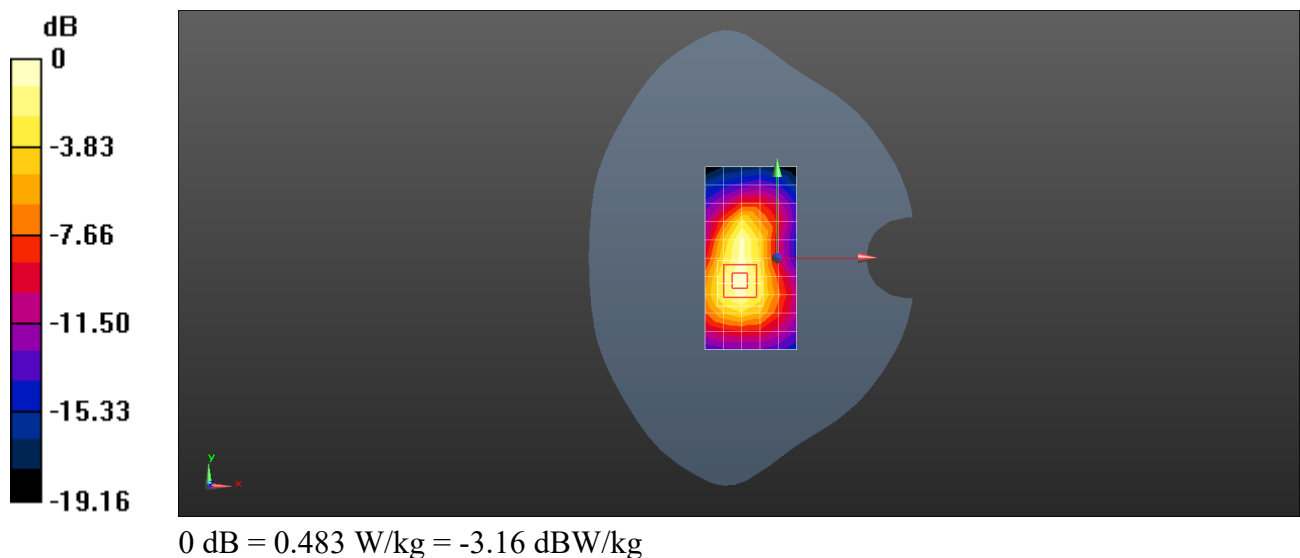
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2462 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (6x11x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $0.465 \text{ W/kg}$

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $13.06 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$   
Peak SAR (extrapolated) =  $0.603 \text{ W/kg}$   
**SAR(1 g) =  $0.305 \text{ W/kg}$ ; SAR(10 g) =  $0.162 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.483 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 2.4G 802.11b 11CH Left Side 10mm with Battery2-Ant6(Core1)**

**DUT: ELE-L29; 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:  $f = 2462$  MHz;  $\sigma = 2.034$  S/m;  $\epsilon_r = 50.753$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2462 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (6x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.184 W/kg

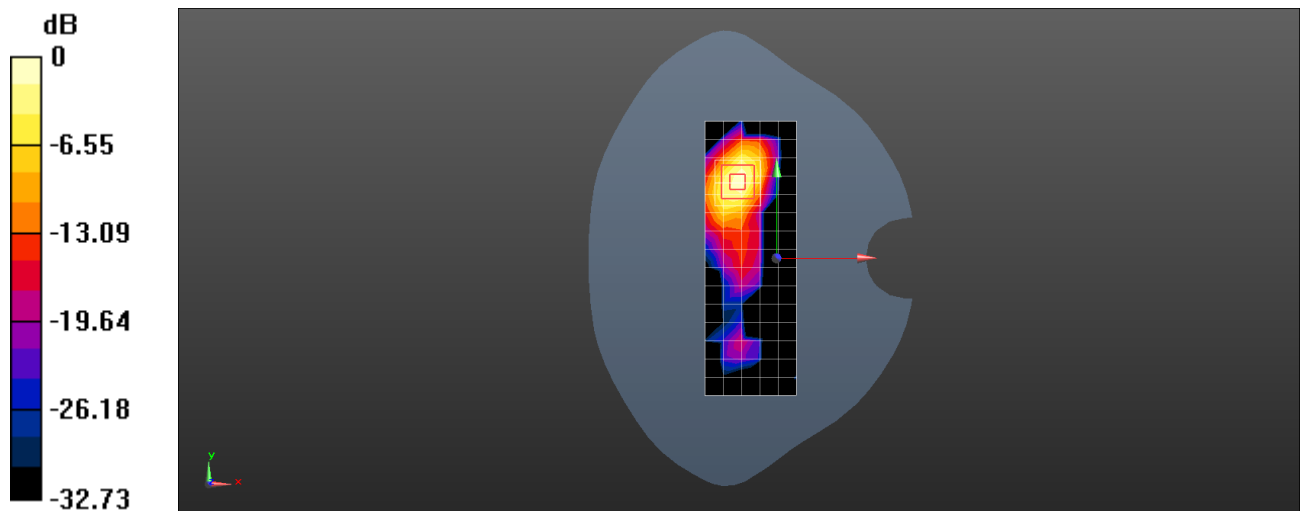
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.053 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 WiFi 2.4G 802.11g 6CH Top Side 0mm-Ant5(Core0)

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.012$  S/m;  $\epsilon_r = 50.787$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- 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

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

Maximum value of SAR (measured) = 4.81 W/kg

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

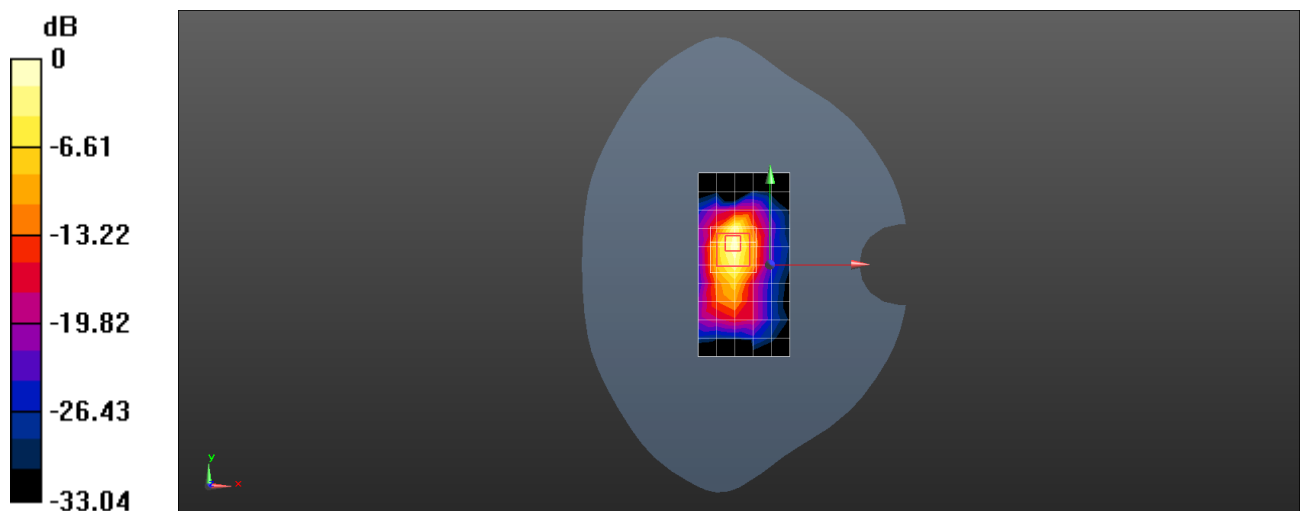
Reference Value = 29.95 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.04 W/kg

**SAR(1 g) = 2.4 W/kg; SAR(10 g) = 0.936 W/kg**

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

Maximum value of SAR (measured) = 5.42 W/kg



0 dB = 5.42 W/kg = 7.34 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 WiFi 2.4G 802.11g 6CH Back Side 0mm with Battery2-Ant6(Core1)

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 2.012$  S/m;  $\epsilon_r = 50.787$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- 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

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

Maximum value of SAR (measured) = 0.802 W/kg

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

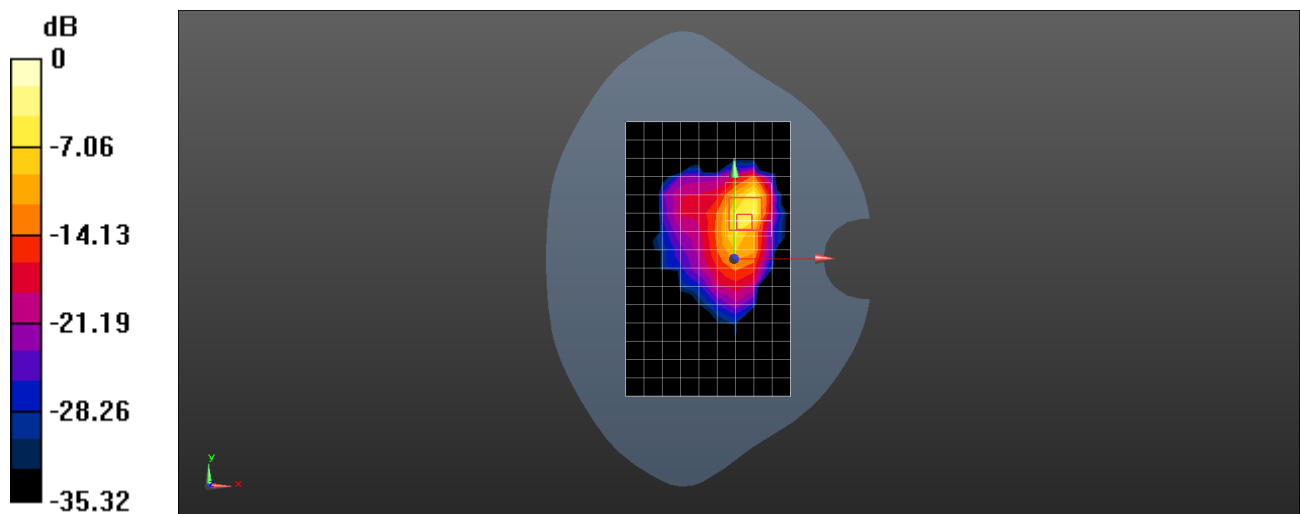
Reference Value = 4.367 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.68 W/kg

**SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.265 W/kg**

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

Maximum value of SAR (measured) = 2.23 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 5G 802.11ac 80M 155CH Left Tilt with Battery2-Ant5(Core0)**

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR6**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5775 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.073$  S/m;  $\epsilon_r = 34.321$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(4.62, 4.62, 4.62) @ 5775 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (12x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.308 W/kg

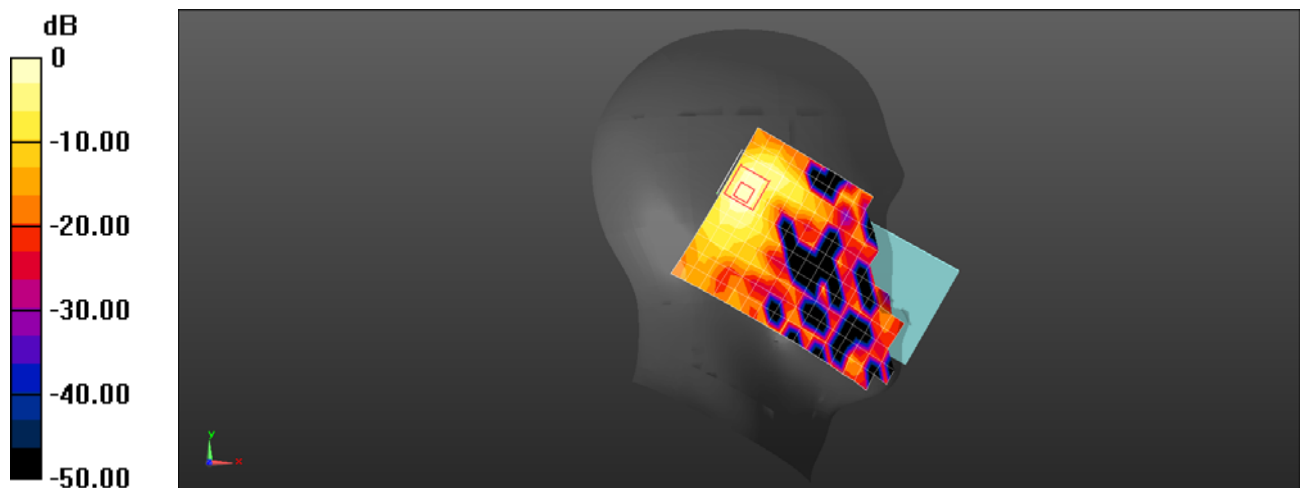
**Configuration/Head/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 5.060 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.043 W/kg**

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



0 dB = 0.308 W/kg = -5.12 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 5G 802.11ac 80M 155CH Right Tilt-Ant6(Core1)**

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR6**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5775 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.073$  S/m;  $\epsilon_r = 34.321$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(4.62, 4.62, 4.62) @ 5775 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Head/Area Scan (12x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.0290 W/kg

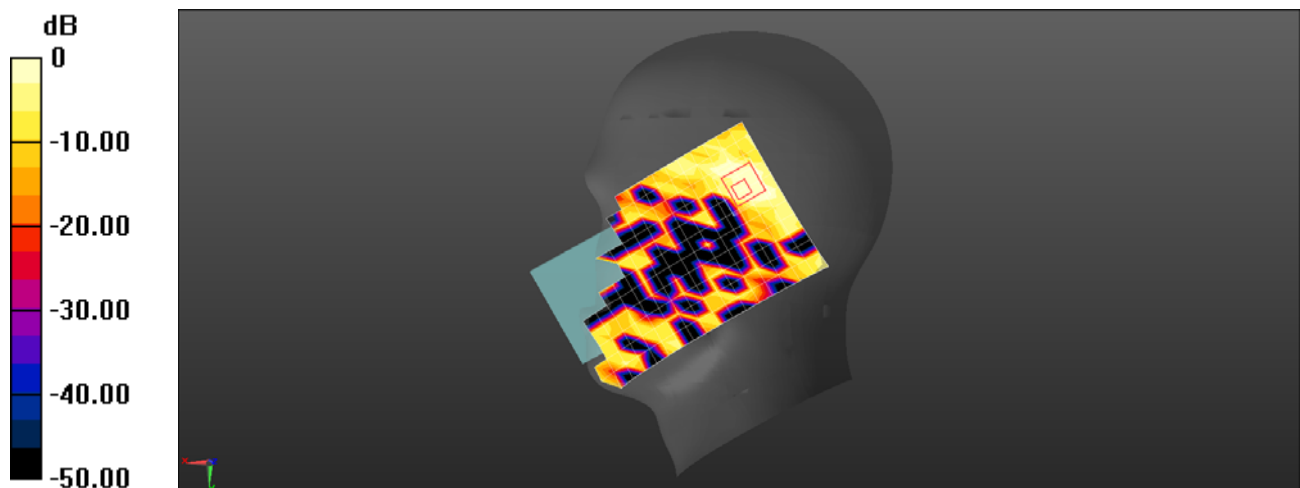
**Configuration/Head/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 0.3830 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.002 W/kg**

Maximum value of SAR (measured) = 0.0347 W/kg



0 dB = 0.0290 W/kg = -15.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 WiFi 5G 802.11a 136CH Back Side 15mm-Ant5(Core0)

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5680 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5680$  MHz;  $\sigma = 5.925$  S/m;  $\epsilon_r = 46.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.84, 3.84, 3.84) @ 5680 MHz; Calibrated: 2018-6-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn913; Calibrated: 2018-5-11
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (12x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.342 W/kg

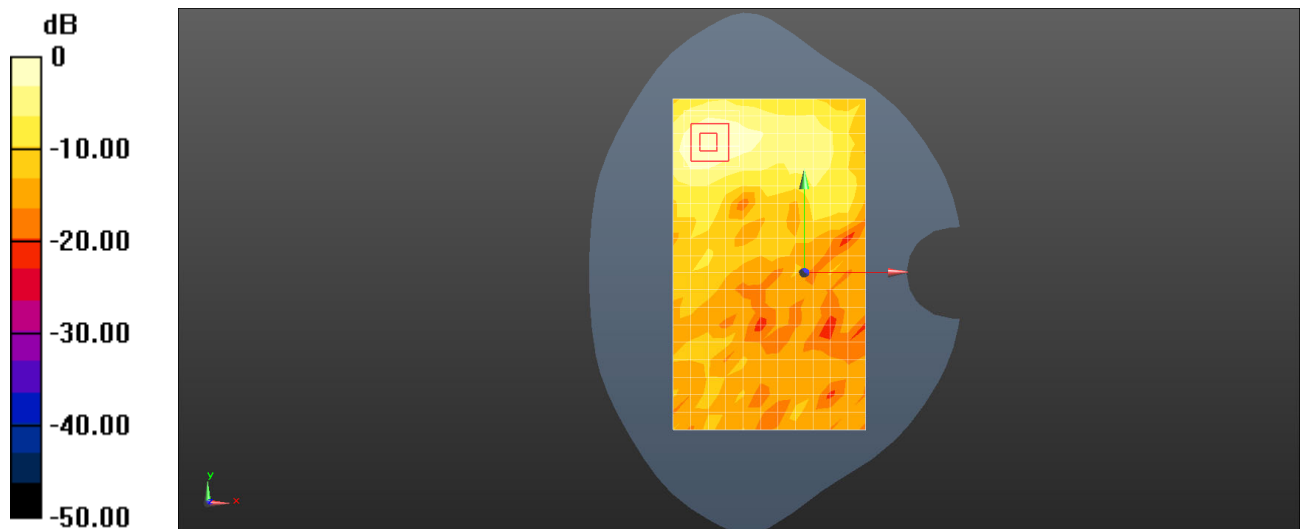
**Configuration/Body/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 1.506 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.574 W/kg

**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.365 W/kg = -4.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 5G 802.11a 60CH Back Side 15mm with Battery2-Ant6(Core1)**

**DUT: ELE-L29; 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 (interpolated):  $f = 5300$  MHz;  $\sigma = 5.457$  S/m;  $\epsilon_r = 46.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(4.84, 4.84, 4.84) @ 5300 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

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

Maximum value of SAR (measured) = 0.120 W/kg

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

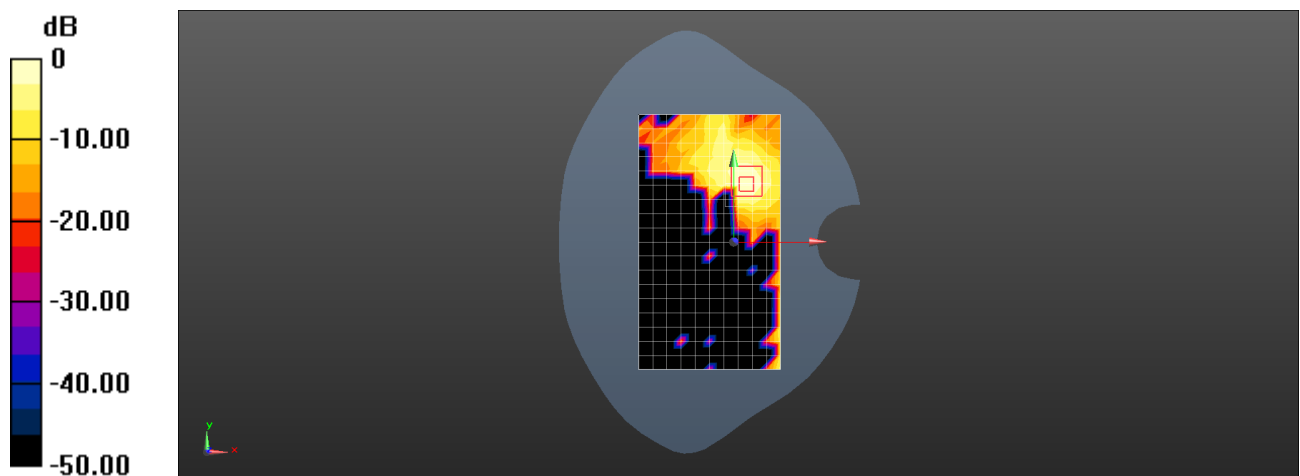
Reference Value = 6.708 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.020 W/kg**

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

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 5G 802.11a 165CH Top Side 10mm with Battery2-Ant5(Core0)**

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 5825$  MHz;  $\sigma = 6.14$  S/m;  $\epsilon_r = 46.534$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.94, 3.94, 3.94) @ 5825 MHz; Calibrated: 2018-6-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn913; Calibrated: 2018-5-11
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (6x12x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

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

Maximum value of SAR (measured) = 0.200 W/kg

**Configuration/Body/Zoom Scan (9x10x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

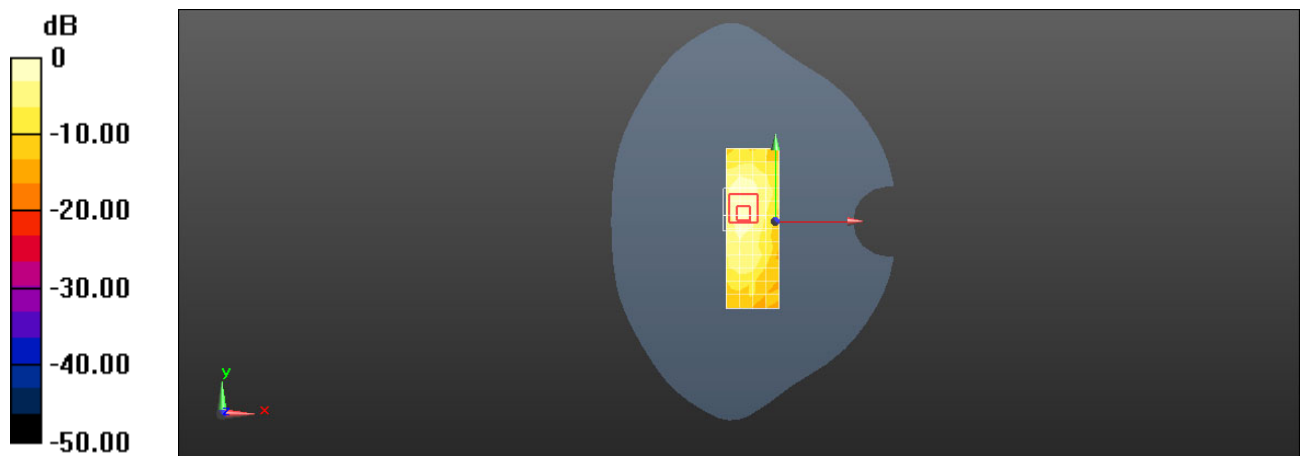
Reference Value = 3.624 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.033 W/kg**

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

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 5G 802.11a 48CH Back Side 10mm with Battery2-Ant6(Core1)**

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5240 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.37$  S/m;  $\epsilon_r = 46.922$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(4.84, 4.84, 4.84) @ 5240 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.187 W/kg

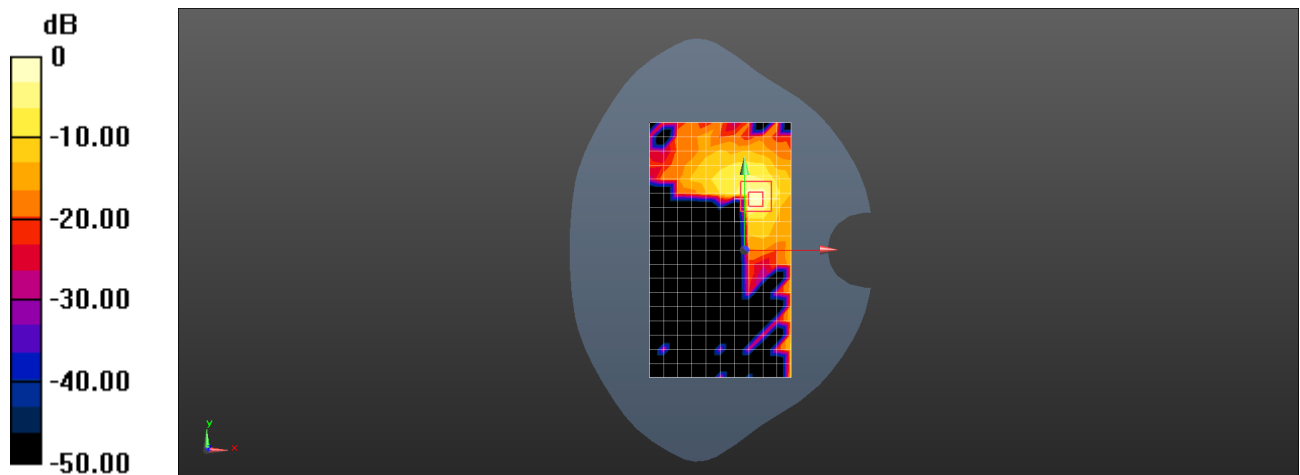
**Configuration/Body/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 9.024 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.357 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.036 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 5G 802.11a 136CH Top Side 0mm with Battery2-Ant5(Core0)**

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5680 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5680$  MHz;  $\sigma = 5.925$  S/m;  $\epsilon_r = 46.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.84, 3.84, 3.84) @ 5680 MHz; Calibrated: 2018-6-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE4 Sn913; Calibrated: 2018-5-11
- Phantom: SAM4; Type: SAM; Serial: 1620
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (6x13x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 12.9 W/kg

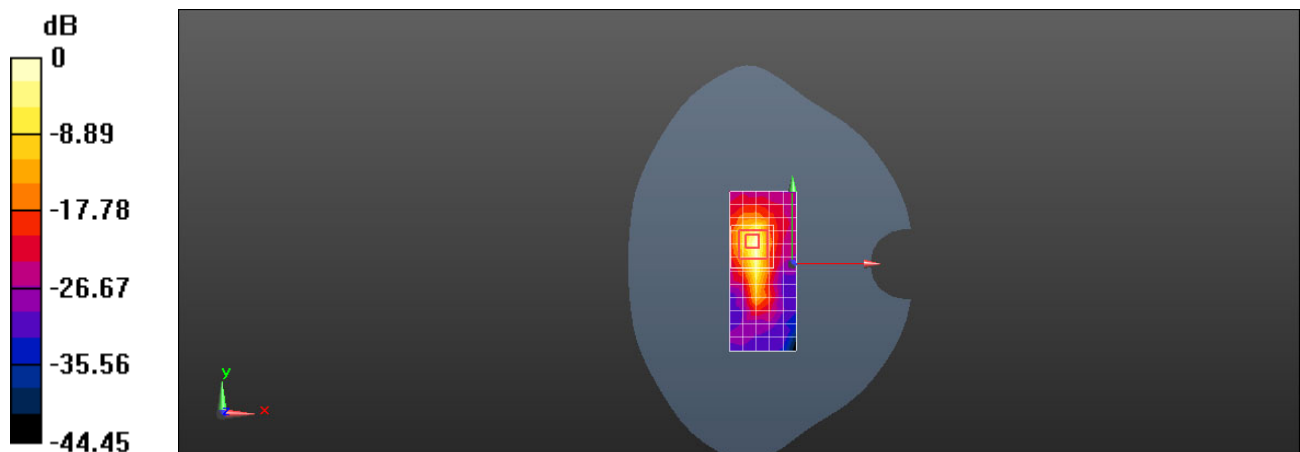
**Configuration/Body/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 28.19 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 48.0 W/kg

**SAR(1 g) = 6.06 W/kg; SAR(10 g) = 1.3 W/kg**

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## **ELE-L29 WiFi 5G 802.11a 56CH Back Side 0mm with Battery2-Ant6(Core1)**

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5280 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.432$  S/m;  $\epsilon_r = 46.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

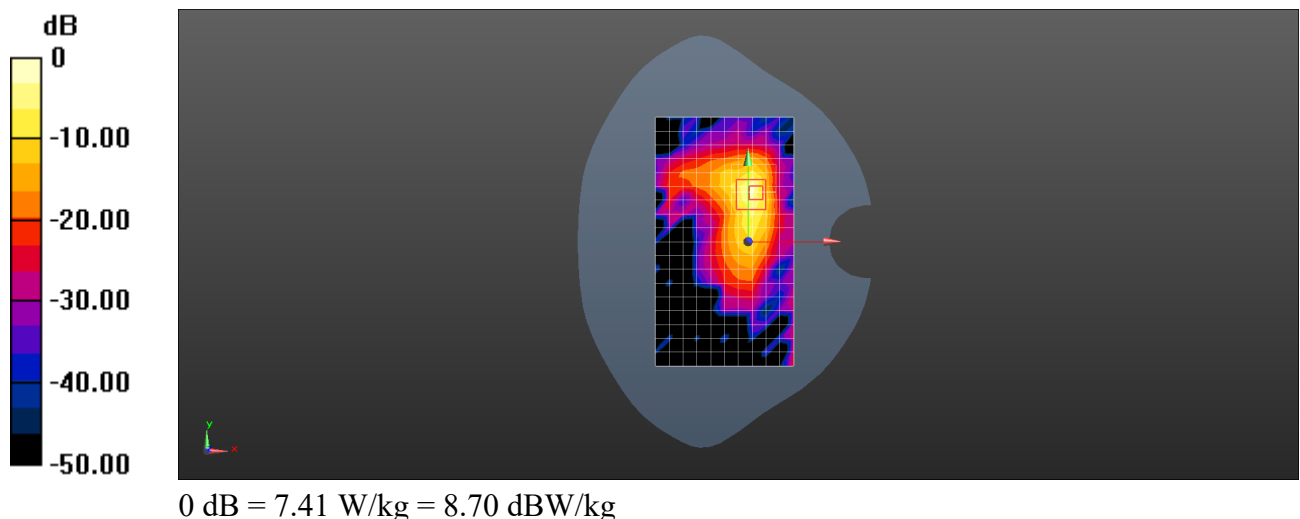
DASY Configuration:

- Probe: EX3DV4 - SN7505; ConvF(4.84, 4.84, 4.84) @ 5280 MHz; Calibrated: 2018-6-12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

**Configuration/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 6.01 W/kg

**Configuration/Body/Zoom Scan (9x10x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 31.07 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 13.0 W/kg  
**SAR(1 g) = 2.78 W/kg; SAR(10 g) = 0.668 W/kg**

Maximum value of SAR (measured) = 7.41 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 BT 67CH Left Tilt

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR6**

Communication System: UID 0, BT (0); Frequency: 2469 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2469$  MHz;  $\sigma = 1.853$  S/m;  $\epsilon_r = 39.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.13, 7.13, 7.13) @ 2469 MHz; Calibrated: 2018-4-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn851; Calibrated: 2018-7-18
- Phantom: SAM9; Type: SAM; Serial: 1958
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

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

Maximum value of SAR (measured) = 0.244 W/kg

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

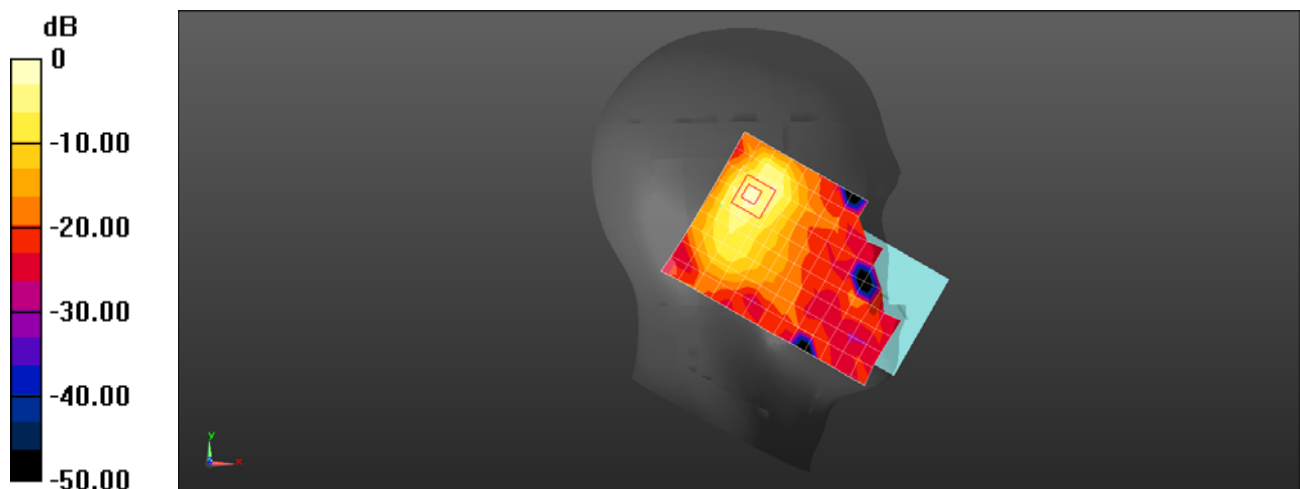
Reference Value = 5.842 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.319 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.053 W/kg**

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

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



0 dB = 0.244 W/kg = -6.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 BT 22CH Back Side 15mm

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, BT (0); Frequency: 2424 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2424 \text{ MHz}$ ;  $\sigma = 2 \text{ S/m}$ ;  $\epsilon_r = 50.795$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2424 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- 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) =  $0.0913 \text{ W/kg}$

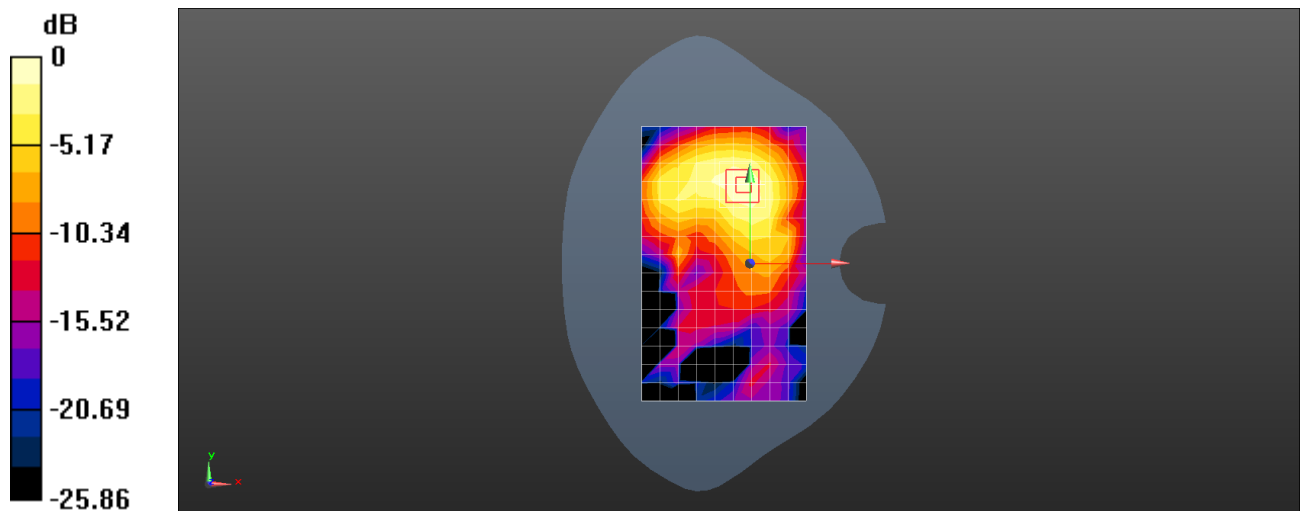
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.192 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.118 \text{ W/kg}$

**SAR(1 g) =  $0.063 \text{ W/kg}$ ; SAR(10 g) =  $0.036 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0959 \text{ W/kg}$



Test Laboratory: HUAWEI SAR/HAC Lab

## ELE-L29 BT 22CH Top Side 10mm

**DUT: ELE-L29; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, BT (0); Frequency: 2424 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2424 \text{ MHz}$ ;  $\sigma = 2 \text{ S/m}$ ;  $\epsilon_r = 50.795$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39) @ 2424 MHz; Calibrated: 2018-7-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn393; Calibrated: 2018-8-14
- Phantom: SAM2; Type: SAM; Serial: 1474
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

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

Maximum value of SAR (measured) =  $0.246 \text{ W/kg}$

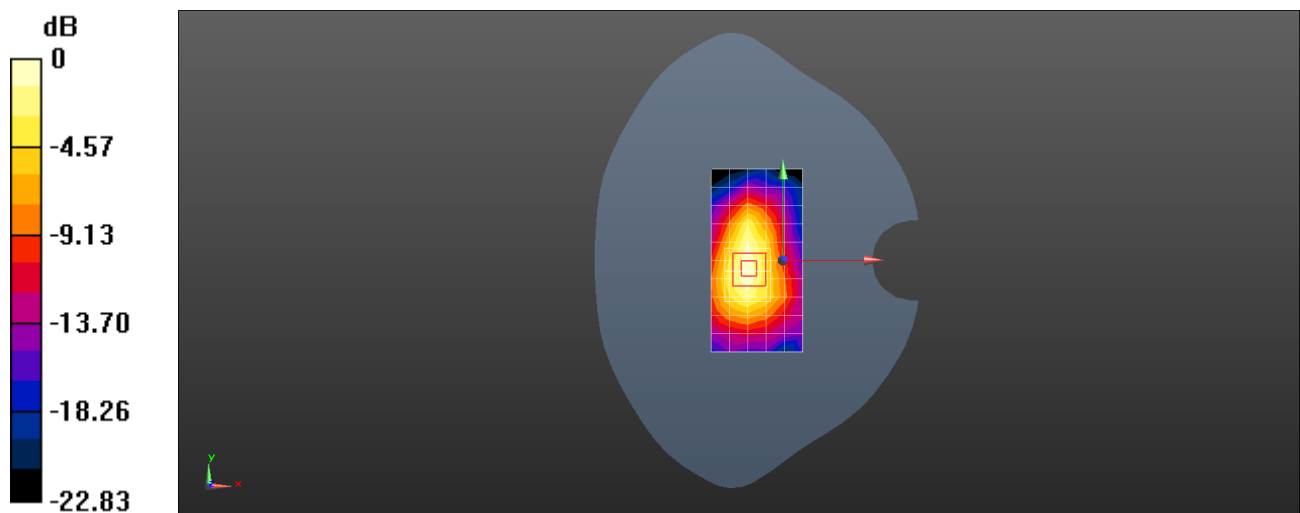
**Configuration/Body/Zoom Scan (7x8x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.35 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$

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

**SAR(1 g) =  $0.158 \text{ W/kg}$ ; SAR(10 g) =  $0.083 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.257 \text{ W/kg}$



0 dB =  $0.257 \text{ W/kg}$  =  $-5.90 \text{ dBW/kg}$