



## Appendix B DASy Measurement Results

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Test Laboratory: HUAWEI SAR/HAC Lab

## CMR-AL19 GSM850 GPRS 2TS 190CH Top Side 0mm with Battery2

**DUT: CMR-AL19; Type: Tablet; Serial: SAR4**

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;  $\sigma = 1.001$  S/m;  $\epsilon_r = 53.421$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(9.4, 9.4, 9.4); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x21x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

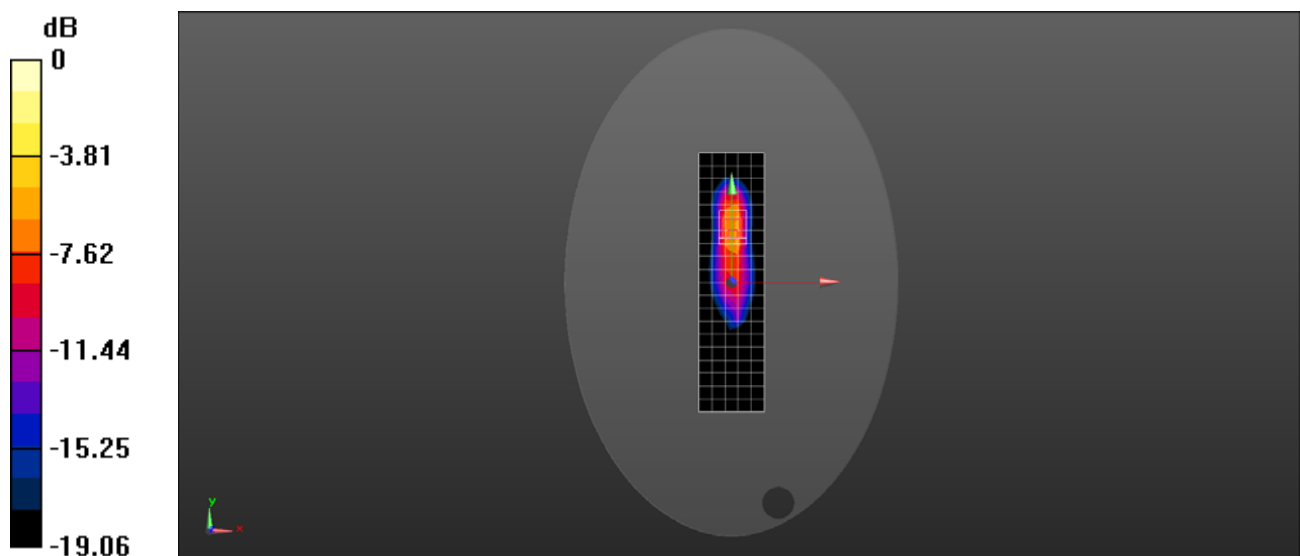
**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.40 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.179 W/kg**

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



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 GSM1900 GPRS 2TS 661CH Top Side 0mm

**DUT: CMR-AL19; Type: Tablet; Serial: SAR4**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.565$  S/m;  $\epsilon_r = 52.685$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(7.65, 7.65, 7.65); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x21x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

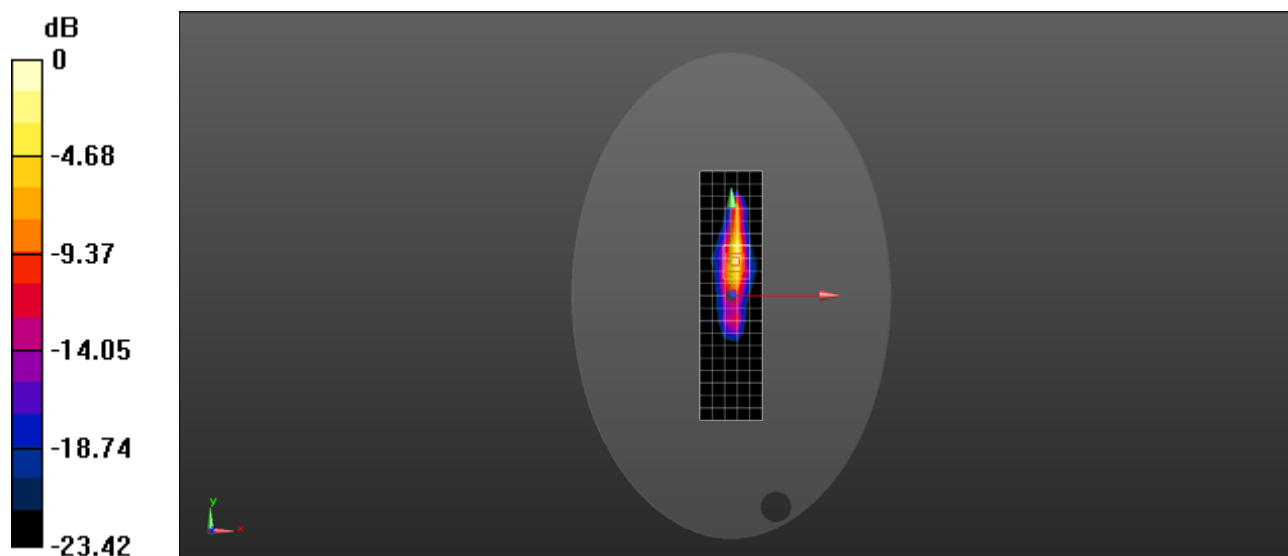
**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.836 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.307 W/kg**

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 UMTS B2 9400CH Back Side 0mm with Battery3

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 54.653$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.29, 8.29, 8.29); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x17x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

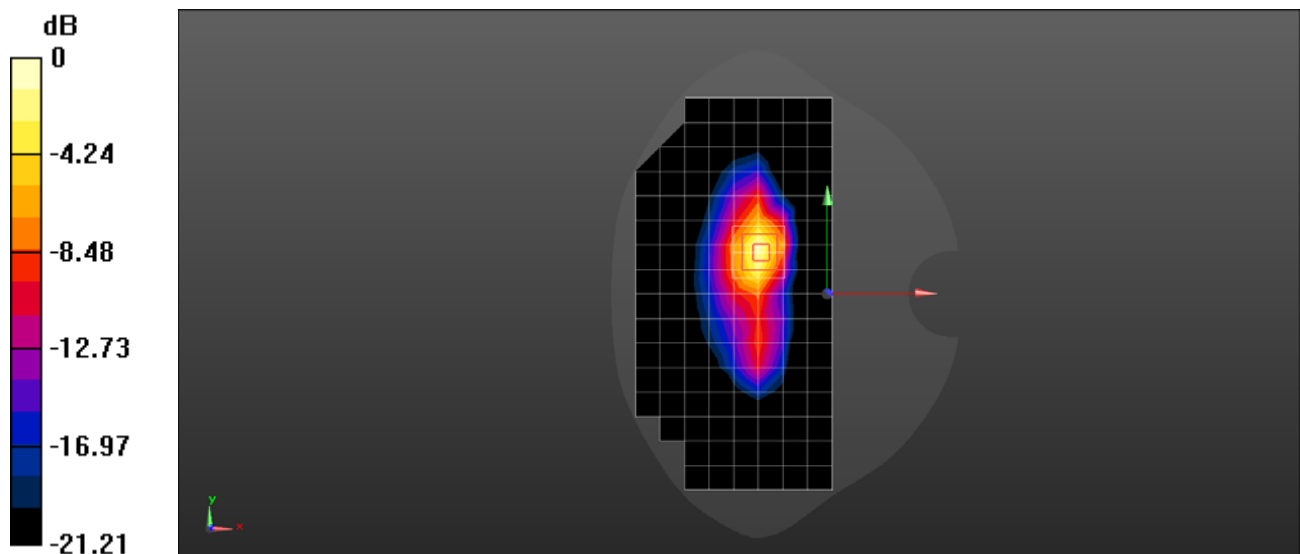
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.04 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.249 W/kg**

Maximum value of SAR (measured) = 0.946 W/kg



0 dB = 0.946 W/kg = -0.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 UMTS Band 5 4182CH Top Side 0mm with Battery3

**DUT: CMR-AL19; Type: Tablet; Serial: SAR4**

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;  $\sigma = 1$  S/m;  $\epsilon_r = 53.421$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(9.4, 9.4, 9.4); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x21x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

Maximum value of SAR (measured) = 0.520 W/kg

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

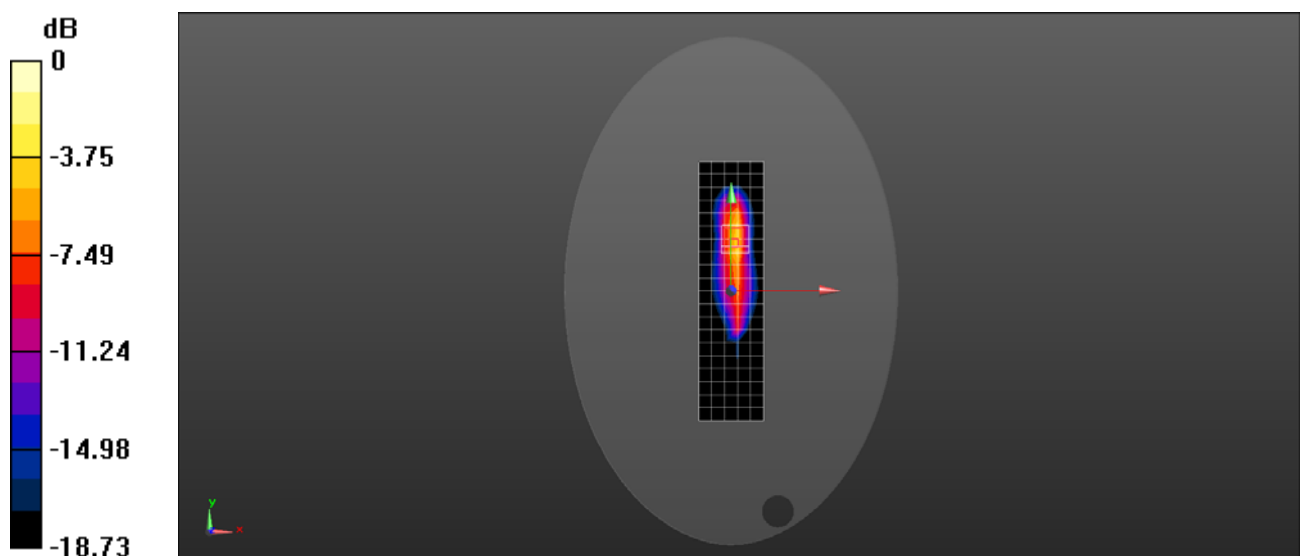
Reference Value = 12.39 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.209 W/kg**

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

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 LTE Band 4 20M QPSK 1RB 0 offset 20300CH Back Side 0mm with Battery3

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

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

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 53.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(8.74, 8.74, 8.74); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x17x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.639 W/kg

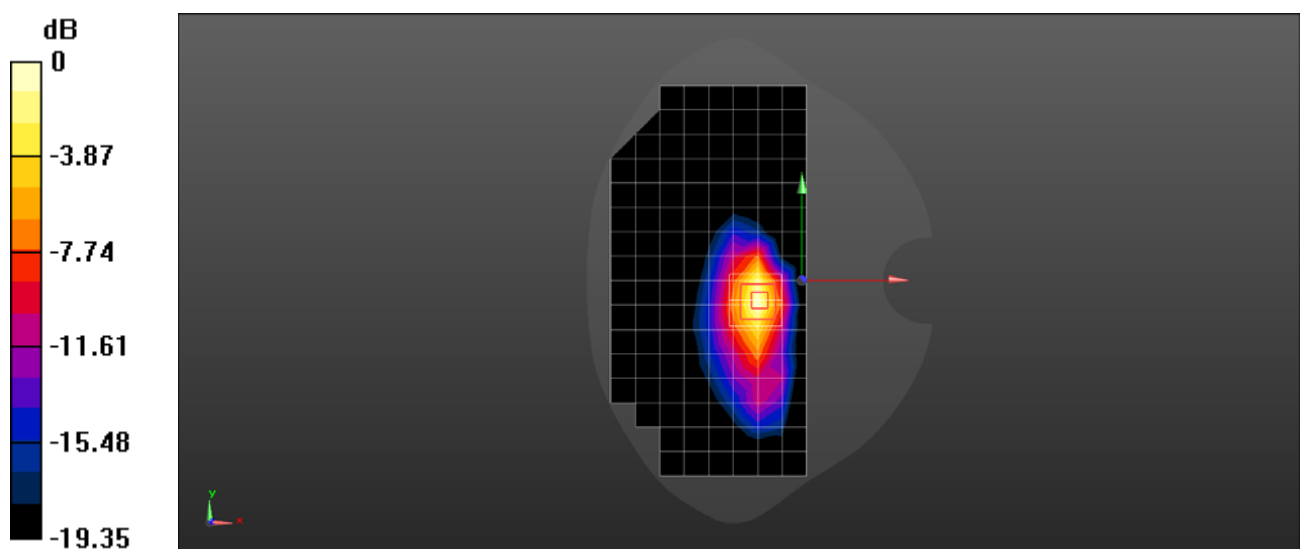
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.42 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.179 W/kg**

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.630 W/kg = -2.01 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

**CMR-AL19 LTE Band 5 10M QPSK 1RB 25 offset 20600CH Back Side 0mm**

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

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

Medium parameters used:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.945 \text{ S/m}$ ;  $\epsilon_r = 55.654$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.37, 10.37, 10.37); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x17x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.776 W/kg

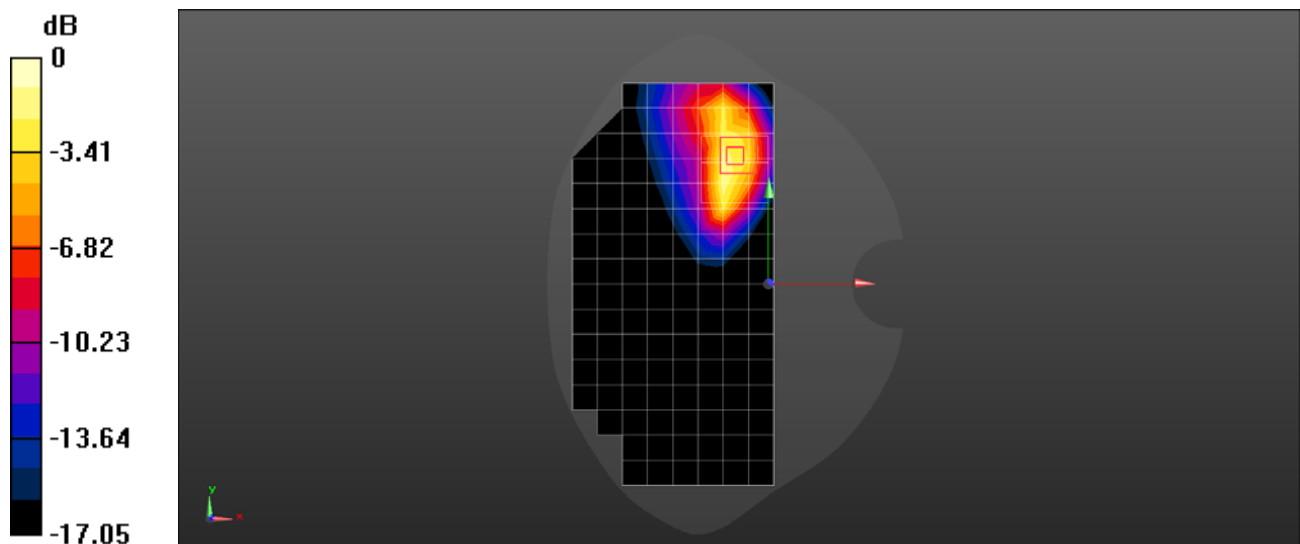
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.685 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.340 W/kg**

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



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 LTE Band 7 20M QPSK 1RB 50 offset 21350CH Top Side 17mm

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

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

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.04$  S/m;  $\epsilon_r = 51.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.73, 7.73, 7.73); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x20x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.814 W/kg

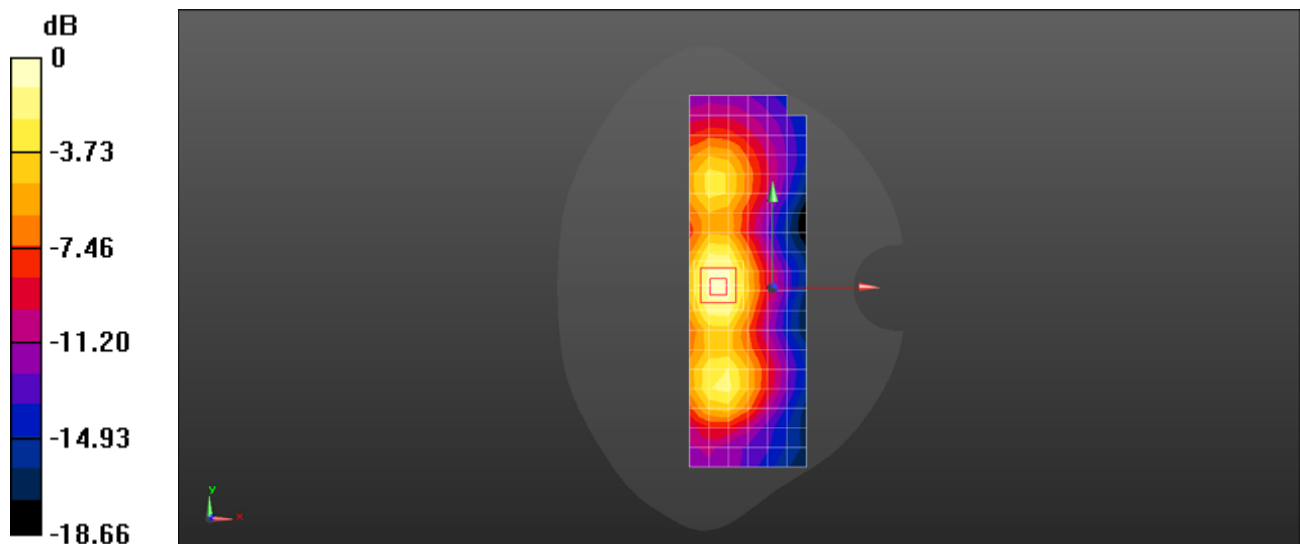
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 14.35 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.337 W/kg**

Maximum value of SAR (measured) = 0.952 W/kg



0 dB = 0.952 W/kg = -0.21 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 LTE Band 12 10M QPSK 1RB 25 offset 23130CH Back Side 0mm

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

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

Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 55.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.66, 10.66, 10.66); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x18x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

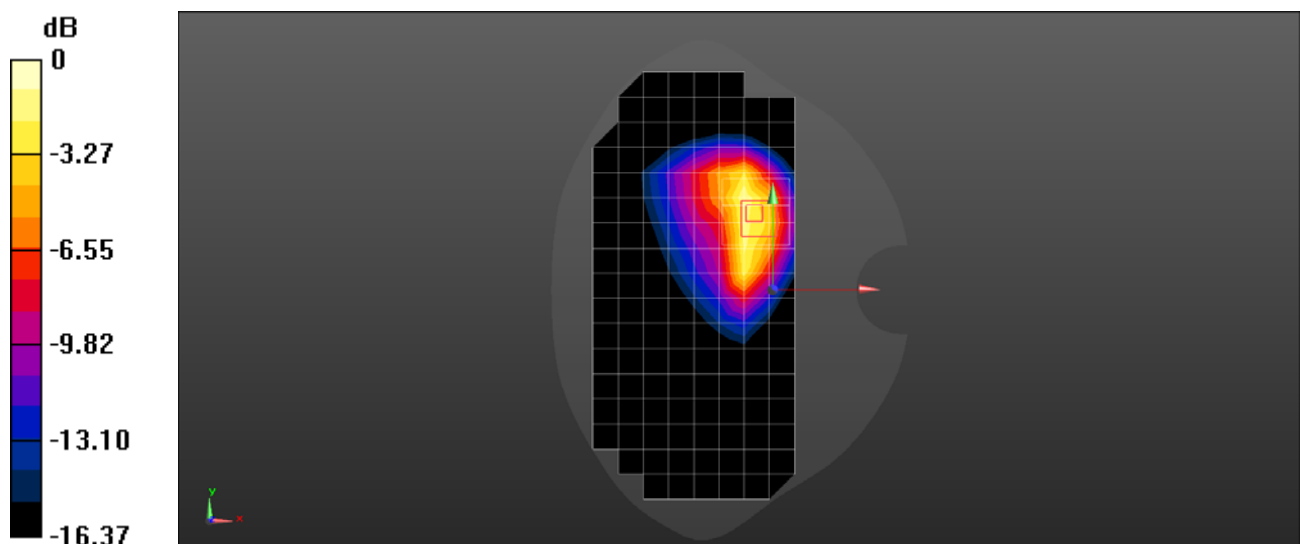
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.180 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.270 W/kg**

Maximum value of SAR (measured) = 0.829 W/kg



0 dB = 0.829 W/kg = -0.81 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## CMR-AL19 LTE Band 17 10M QPSK 1RB 25 offset 23790CH Back Side 0mm with Battery2

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 55.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.66, 10.66, 10.66); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (9x18x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.760 W/kg

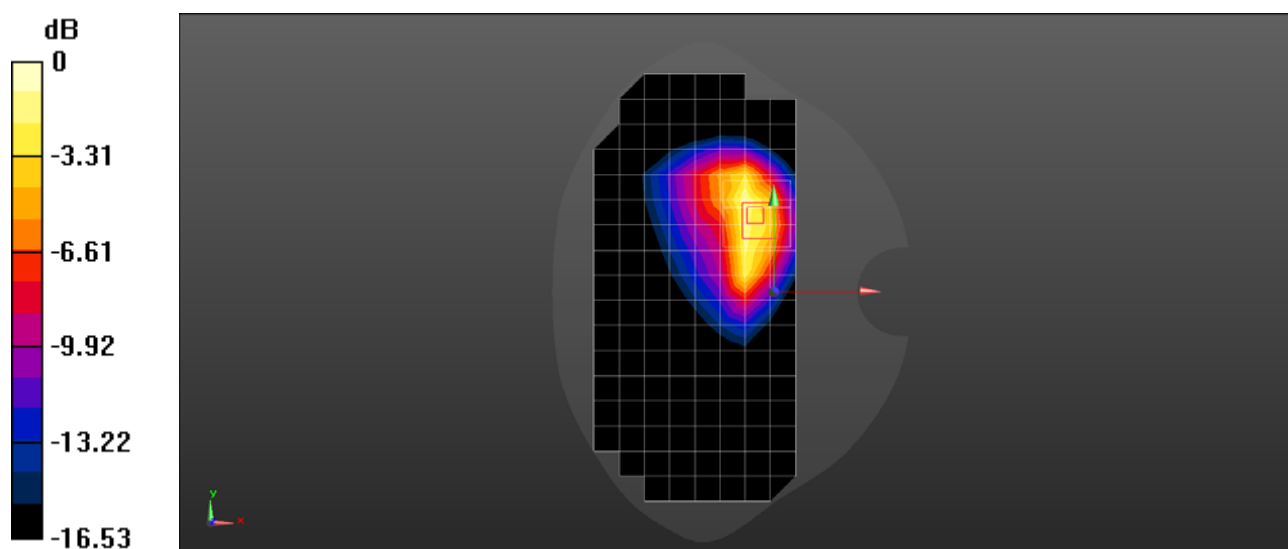
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.34 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.292 W/kg**

Maximum value of SAR (measured) = 0.985 W/kg



0 dB = 0.985 W/kg = -0.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 LTE Band 26 15M QPSK 1RB 38 offset 26965CH Back Side 0mm

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

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;  $\sigma = 0.937$  S/m;  $\epsilon_r = 55.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(10.37, 10.37, 10.37); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (10x17x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.03 W/kg

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

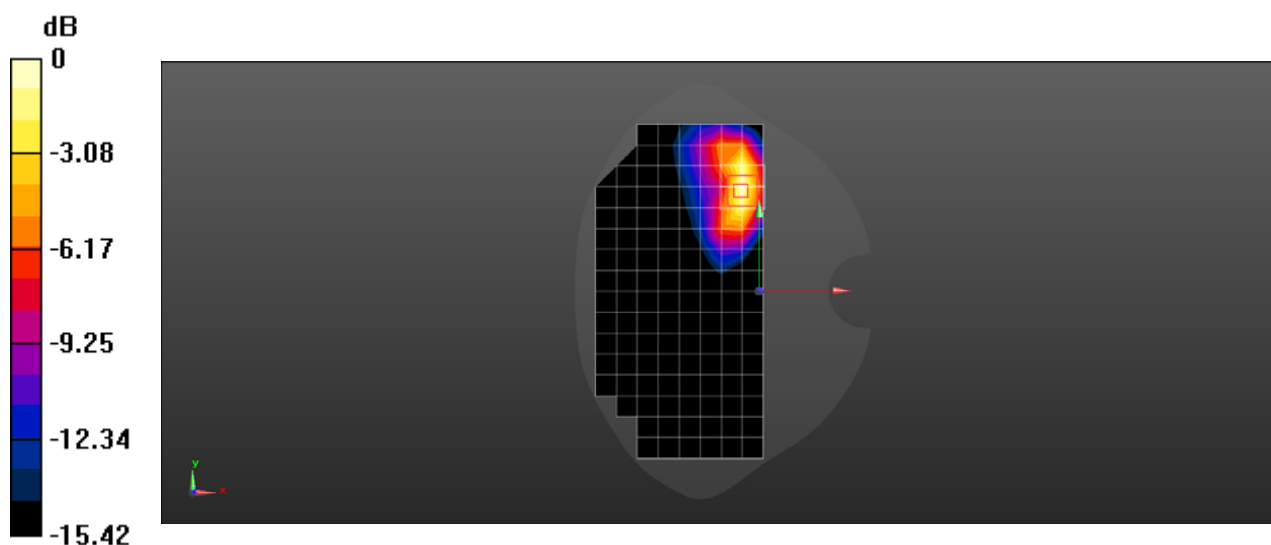
Reference Value = 4.133 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.316 W/kg**

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

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## CMR-AL19 LTE Band 38 20M QPSK 1RB 50 offset 37850CH Back Side 0mm with Battery2

**DUT: CMR-AL19; Type: Tablet; Serial: SAR3**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.061$  S/m;  $\epsilon_r = 51.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7381; ConvF(7.73, 7.73, 7.73); Calibrated: 2017/10/24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1492; Calibrated: 2017/9/25
- ε Phantom: SMA6; Type: QD000P40CD; Serial: TP:1892
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (12x21x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.648 W/kg

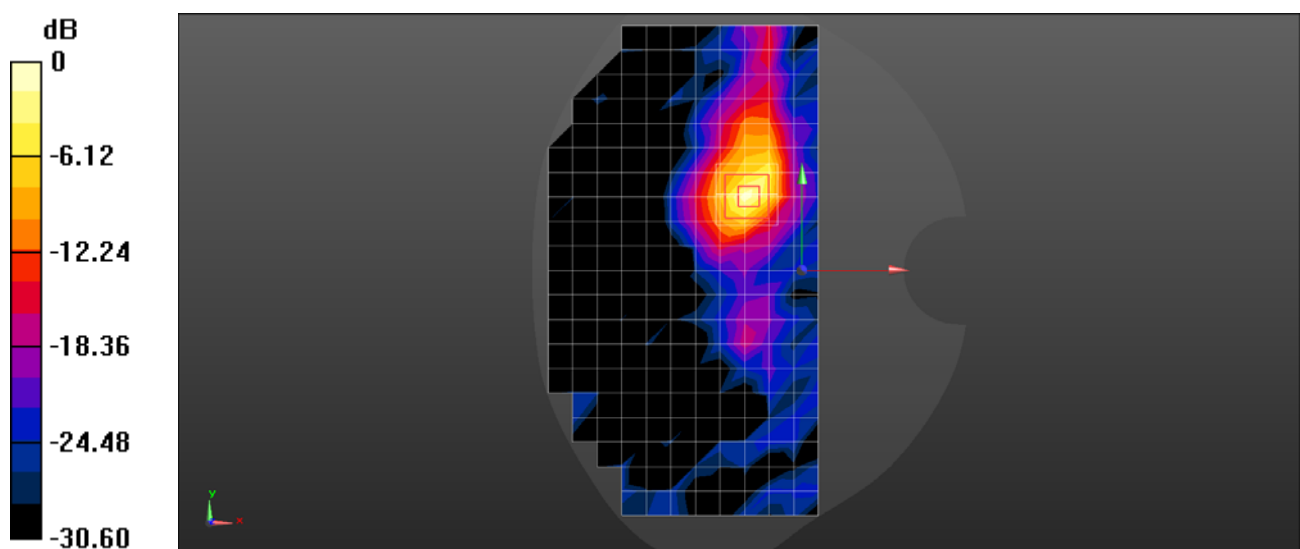
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.9070 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.144 W/kg**

Maximum value of SAR (measured) = 0.777 W/kg



0 dB = 0.777 W/kg = -1.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 LTE Band 41 20M QPSK 1RB 0 offset 41440CH Top Side 17mm

**DUT: CMR-AL19; Type: Tablet; Serial: SAR4**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2.222$  S/m;  $\epsilon_r = 50.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(6.98, 6.98, 6.98); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x26x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.713 W/kg

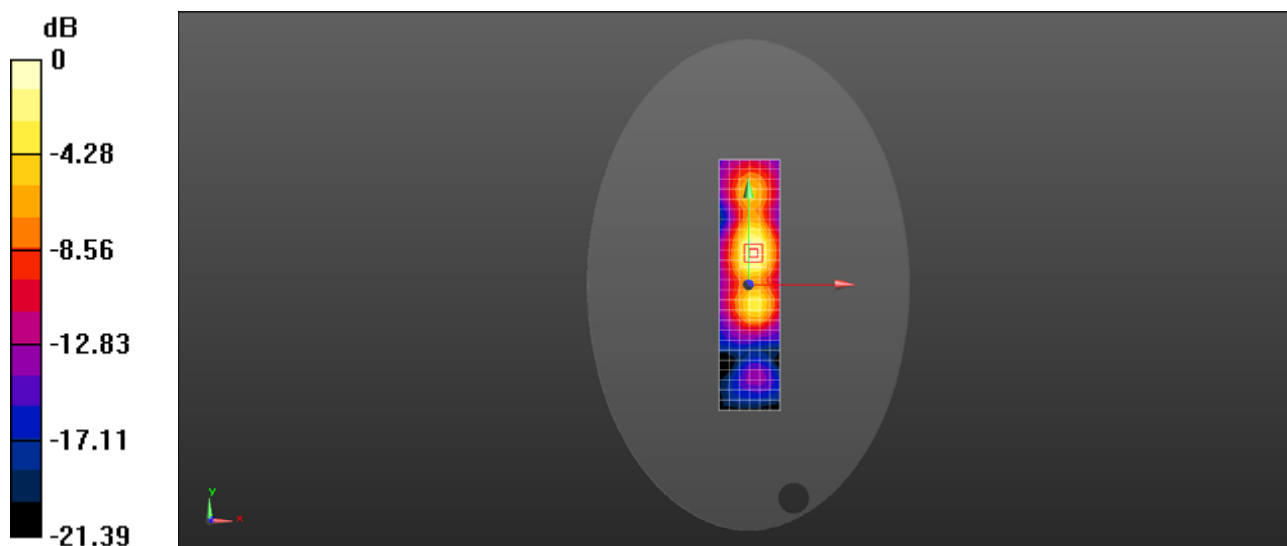
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.825 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.271 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 WiFi 2.4G 802.11b 6CH Top Side 0mm with Battery3

**DUT: CMR-AL19; Type: Tablet; Serial: SAR4**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 51.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

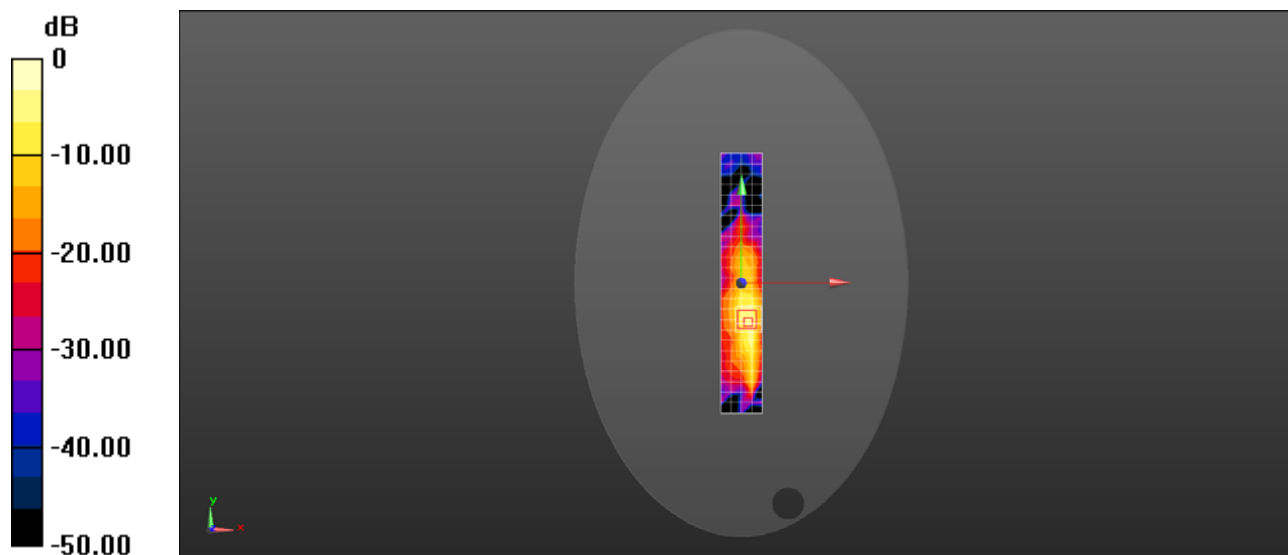
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(7.34, 7.34, 7.34); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (5x26x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
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 = 4.917 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 0.908 W/kg  
**SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.085 W/kg**  
Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 WiFi 5G 802.11ac 58CH Top Side 0mm

**DUT: CMR-AL19; Type: Tablet; Serial: SAR4**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5290 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.433$  S/m;  $\epsilon_r = 46.832$ ;  $\rho = 1000$  kg/m<sup>3</sup>

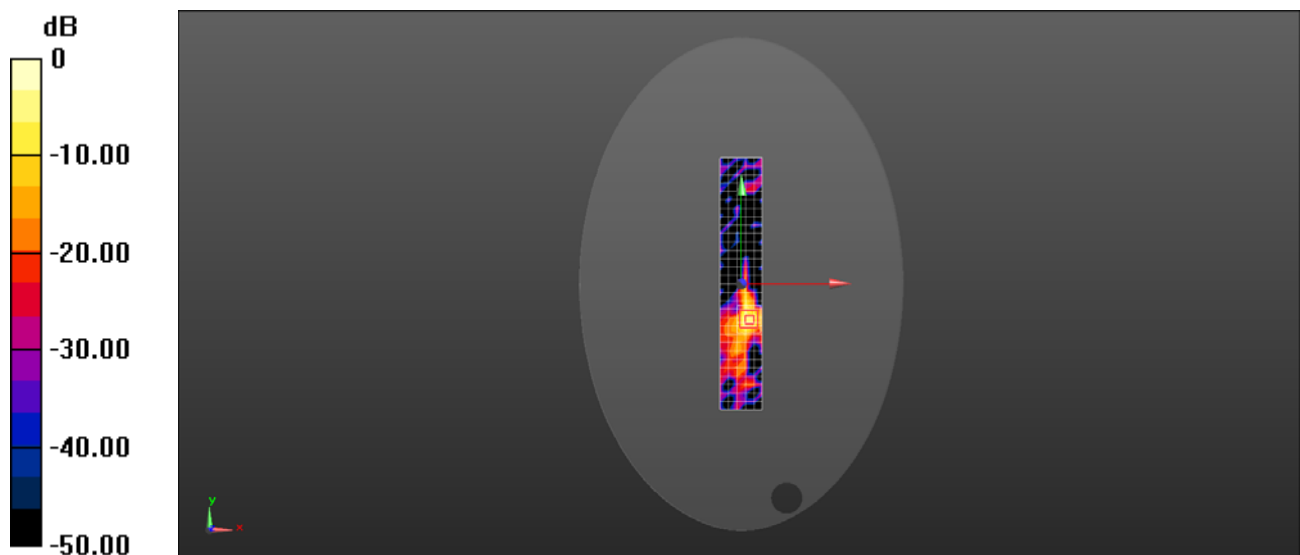
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(4.85, 4.85, 4.85); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 25.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (6x31x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.359 W/kg

**Configuration/Body/Zoom Scan (8x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 0.9830 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.80 W/kg  
**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.064 W/kg**  
Maximum value of SAR (measured) = 0.780 W/kg



0 dB = 0.780 W/kg = -1.08 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### CMR-AL19 BT 2450 BLE 19CH Top Side 0mm with Battery3

**DUT: CMR-AL19; Type: Tablet; Serial: SAR4**

Communication System: UID 0, BT (0); Frequency: 2440 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2440$  MHz;  $\sigma = 2.021$  S/m;  $\epsilon_r = 51.057$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(7.34, 7.34, 7.34); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (7x26x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

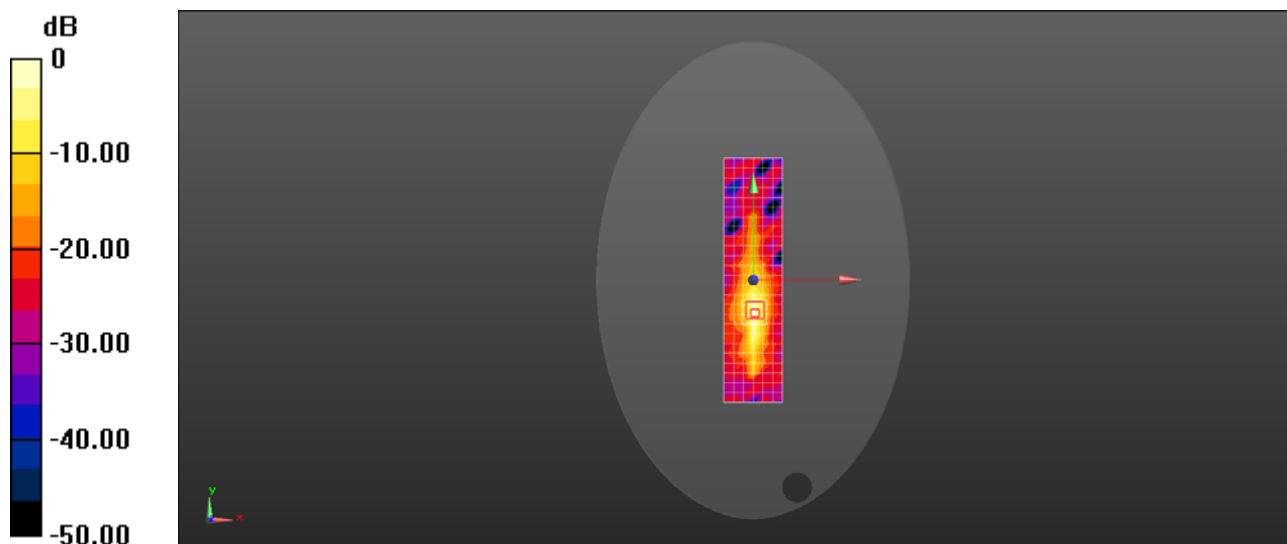
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.113 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.042 W/kg**

Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.260 W/kg = -5.85 dBW/kg