



**Appendix B DASy Measurement Results**

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Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J GSM850 190CH Right Touch-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

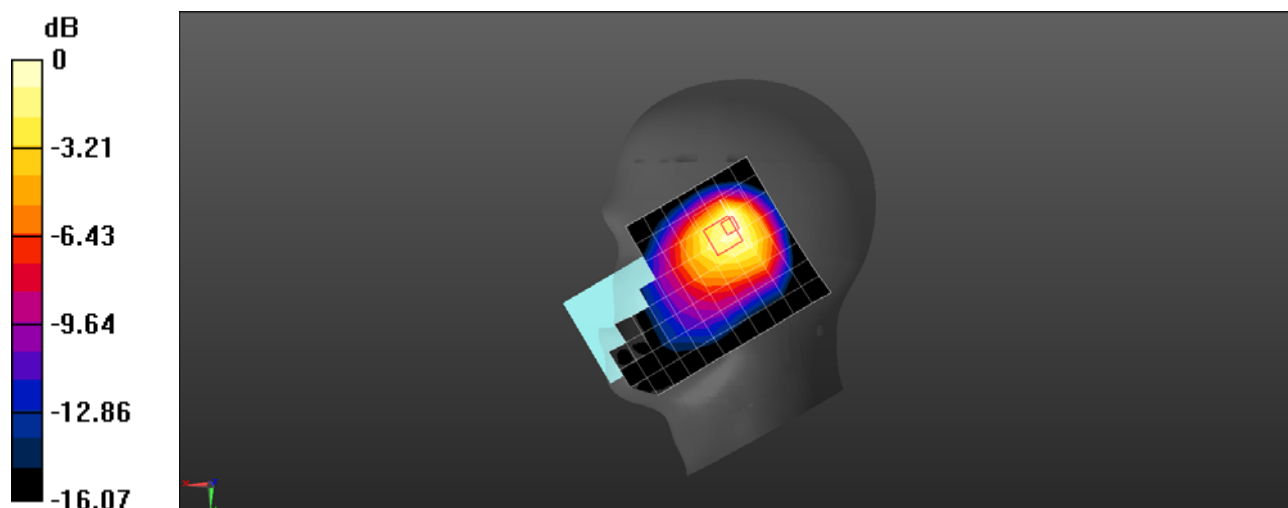
**Configuration/Head/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.04 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg = -2.08 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM850 190CH Back Side 15mm with Battery3-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 55.107$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.140 W/kg

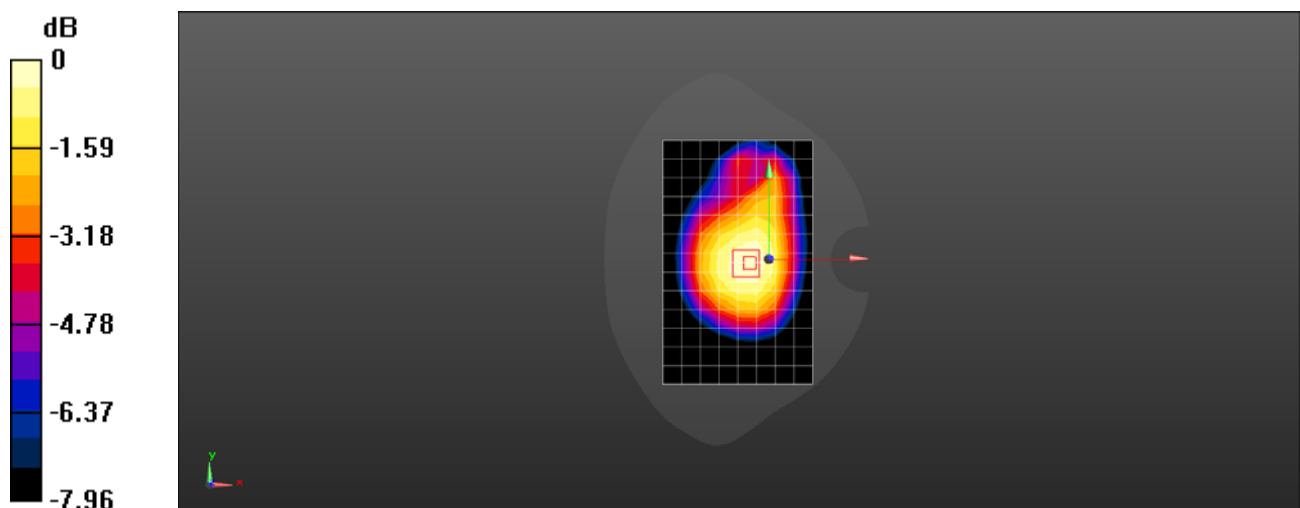
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.02 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM850 GPRS 2TS 190CH Left Side 10mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(9.36, 9.36, 9.36); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.233 W/kg

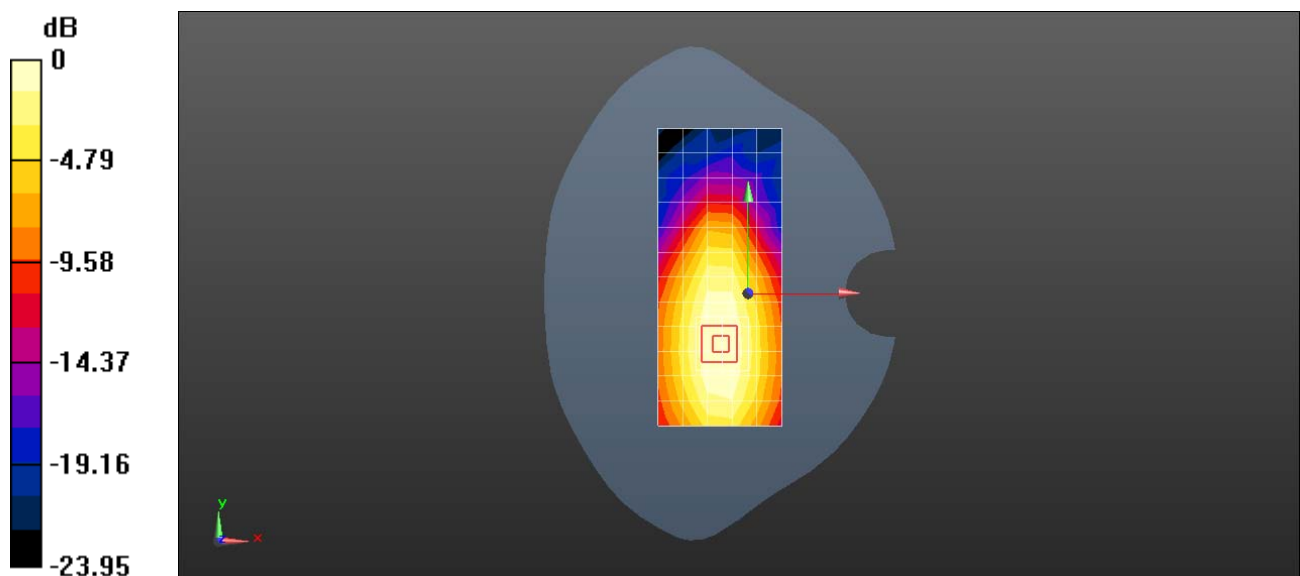
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.97 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.298 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.233 W/kg = -6.33 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM1900 661CH Right Tilt with Battery2-Second Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.4$  S/m;  $\epsilon_r = 38.889$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8, 8, 8); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.507 W/kg

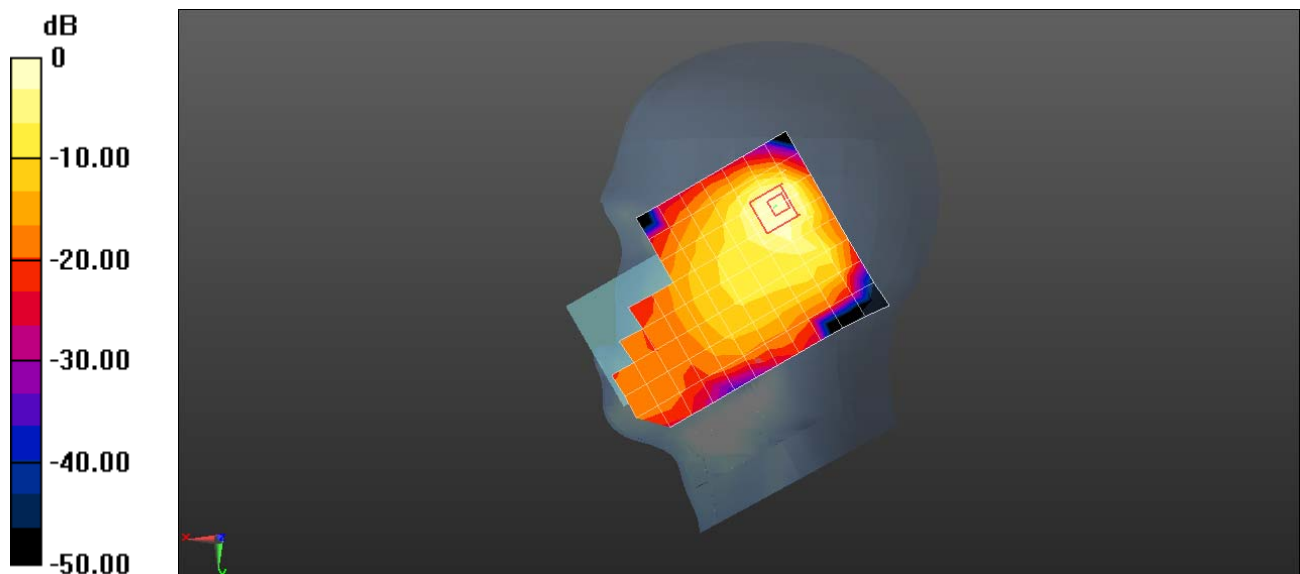
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.60 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.200 W/kg**

Maximum value of SAR (measured) = 0.709 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM1900 661CH Back Side 15mm-Second Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.517$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.7, 7.7, 7.7); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.0779 W/kg

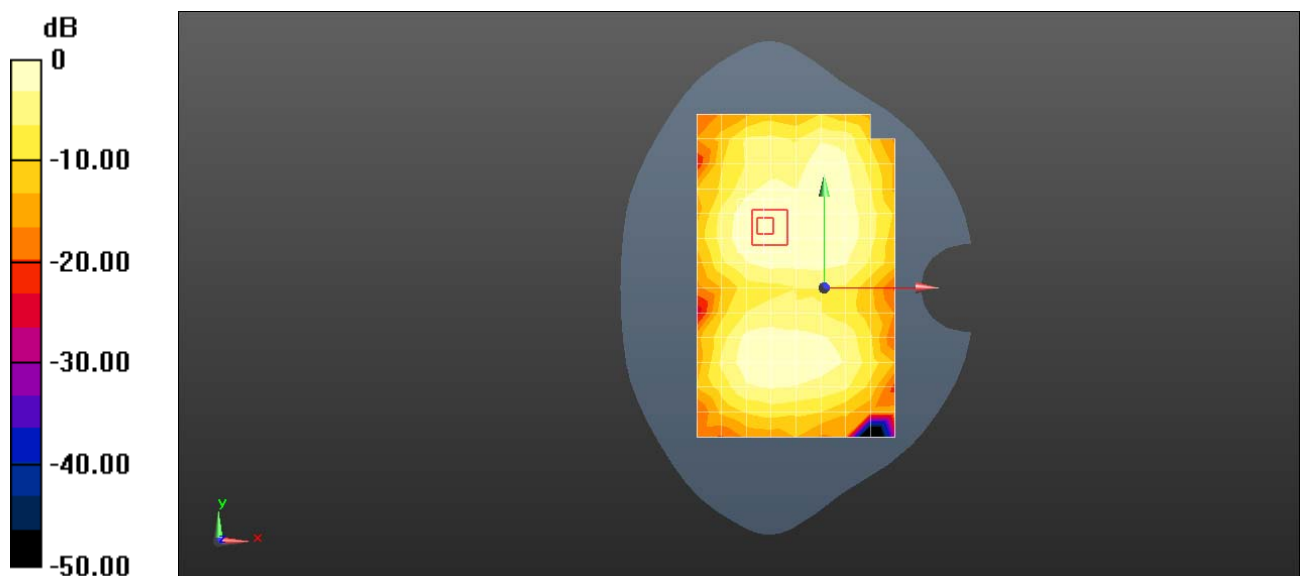
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.873 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0970 W/kg

**SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.0853 W/kg



0 dB = 0.0779 W/kg = -11.08 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J GSM1900 GPRS 2TS 661CH Left Side 10mm with Battery2-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.517$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.7, 7.7, 7.7); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.0988 W/kg

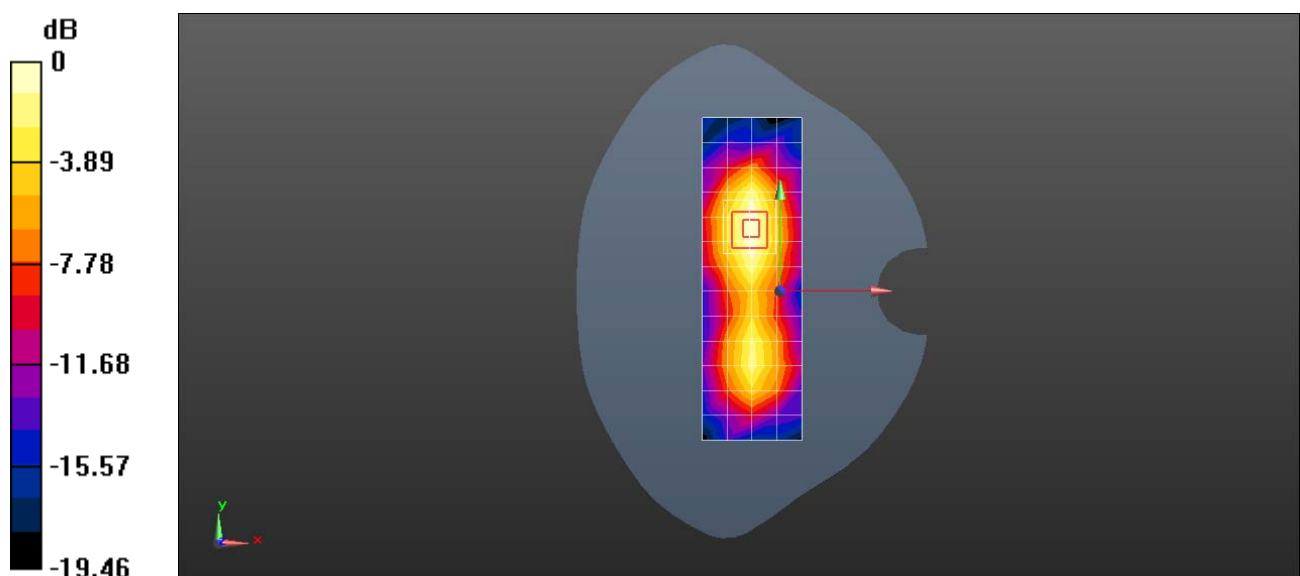
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.454 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.063 W/kg**

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



0 dB = 0.0988 W/kg = -10.05 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J UMTS Band 2 9400CH Right touch with Battery3-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.456$  S/m;  $\epsilon_r = 39.817$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.665 W/kg

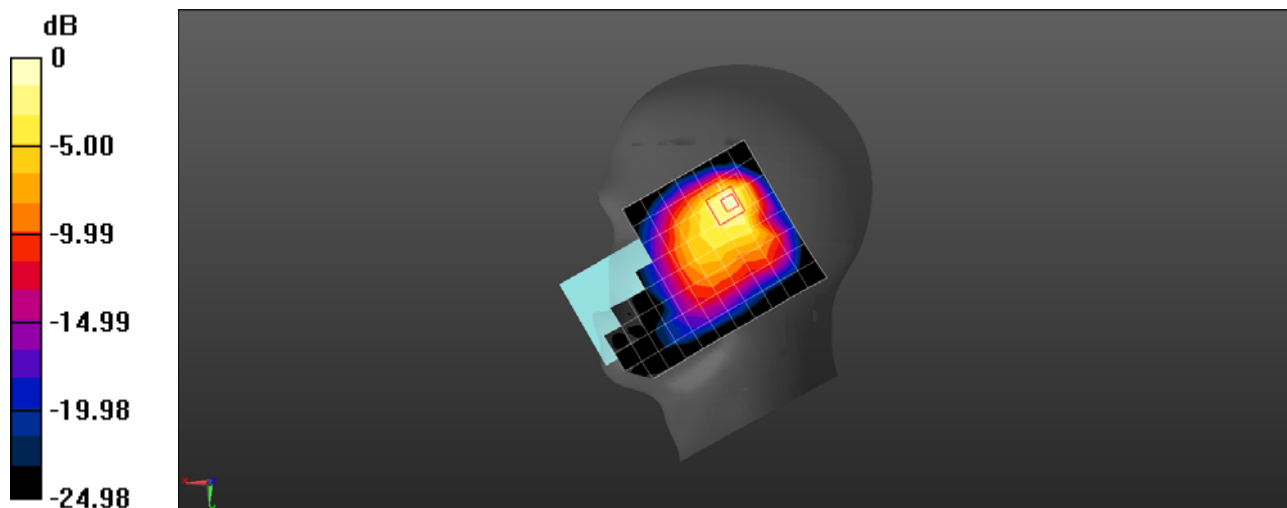
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.91 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.222 W/kg**

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.692 W/kg = -1.60 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J UMTS Band 2 9400CH Back Side 15mm-Second Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.517$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.7, 7.7, 7.7); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

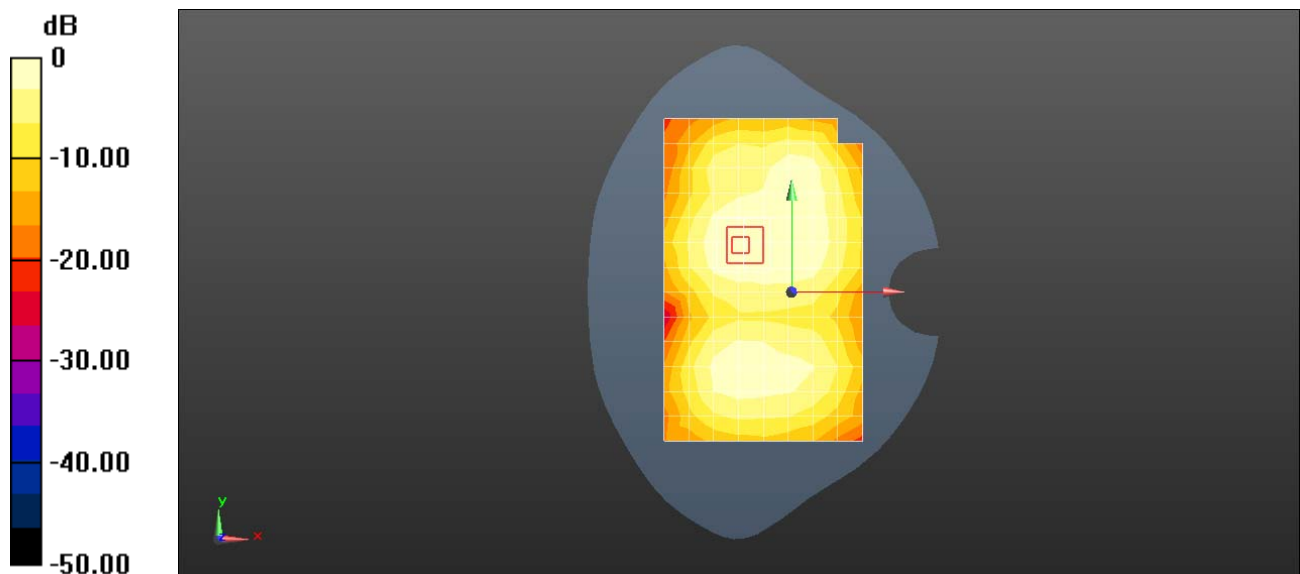
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.764 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.184 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.161 W/kg = -7.93 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J UMTS Band 2 9400CH Left Side 10mm with Battery3-Second Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.517$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.7, 7.7, 7.7); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.116 W/kg

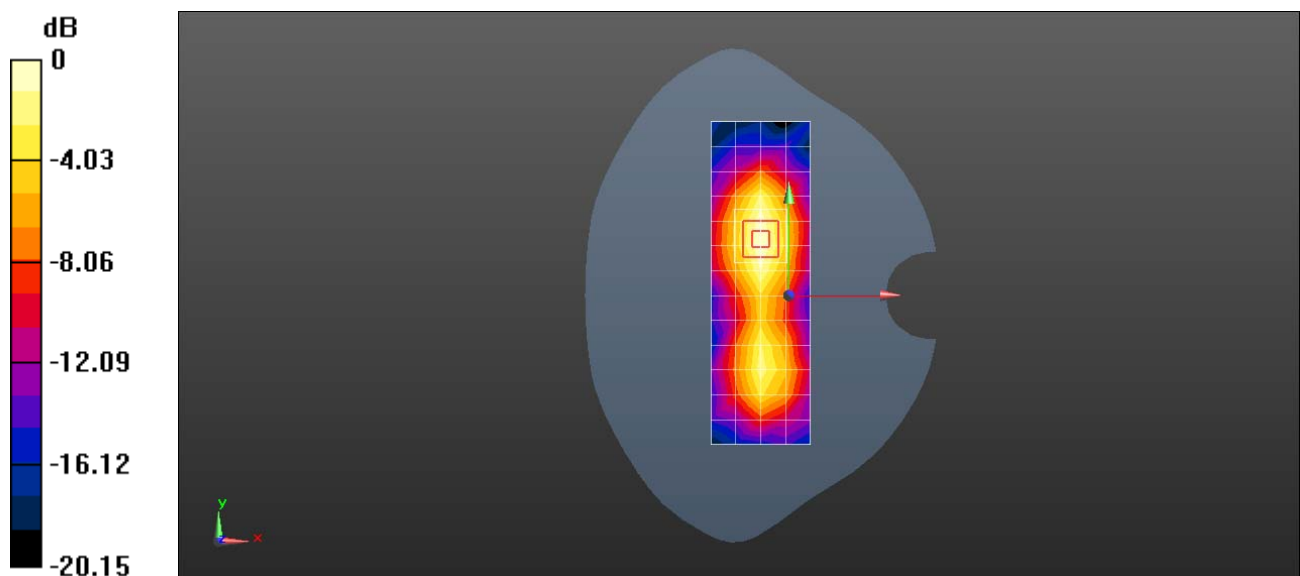
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.881 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.133 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.115 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J UMTS Band 5 4182CH Right Touch-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 0.869$  S/m;  $\epsilon_r = 42.841$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.55, 6.55, 6.55); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.392 W/kg

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

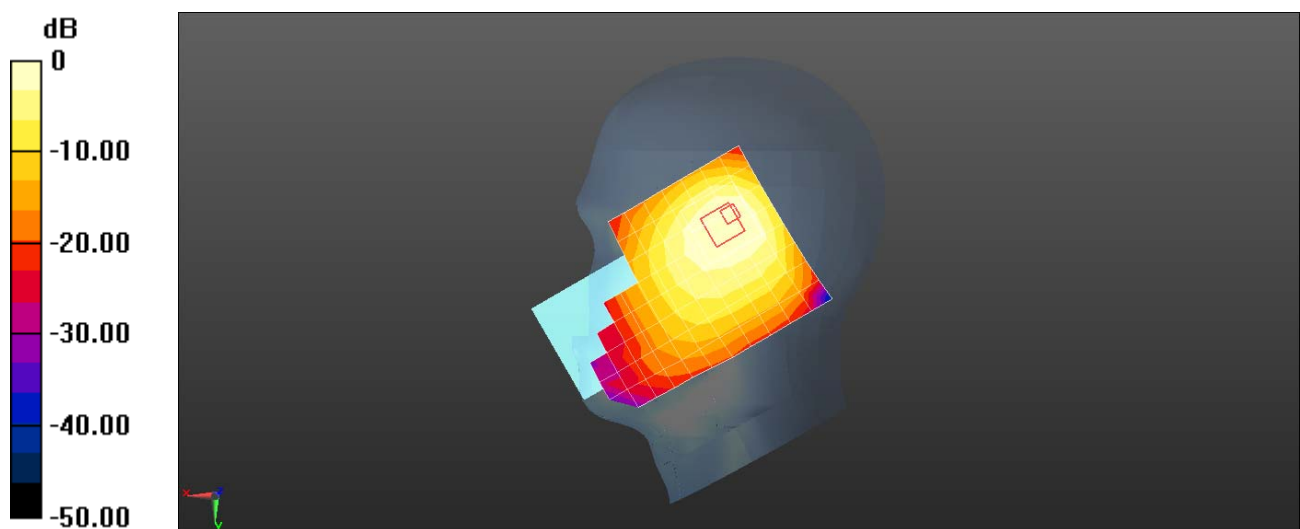
Reference Value = 18.44 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.757 W/kg

**SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.242 W/kg**

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

Maximum value of SAR (measured) = 0.493 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J UMTS Band 5 4182CH Back Side 15mm with Battery2-Second Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 0.943$  S/m;  $\epsilon_r = 53.951$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.27, 6.27, 6.27); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.179 W/kg

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

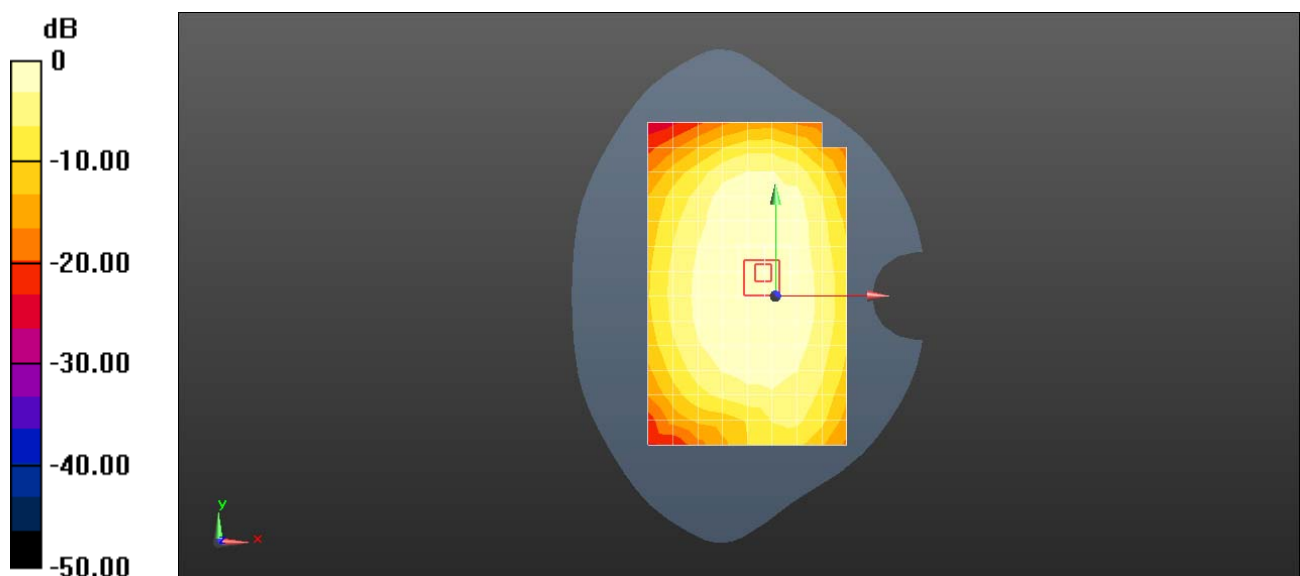
Reference Value = 13.56 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.135 W/kg**

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

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.179 W/kg = -7.47 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J UMTS Band 5 4182CH Left Side 10mm-Second Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 0.943$  S/m;  $\epsilon_r = 53.951$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.27, 6.27, 6.27); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.135 W/kg

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

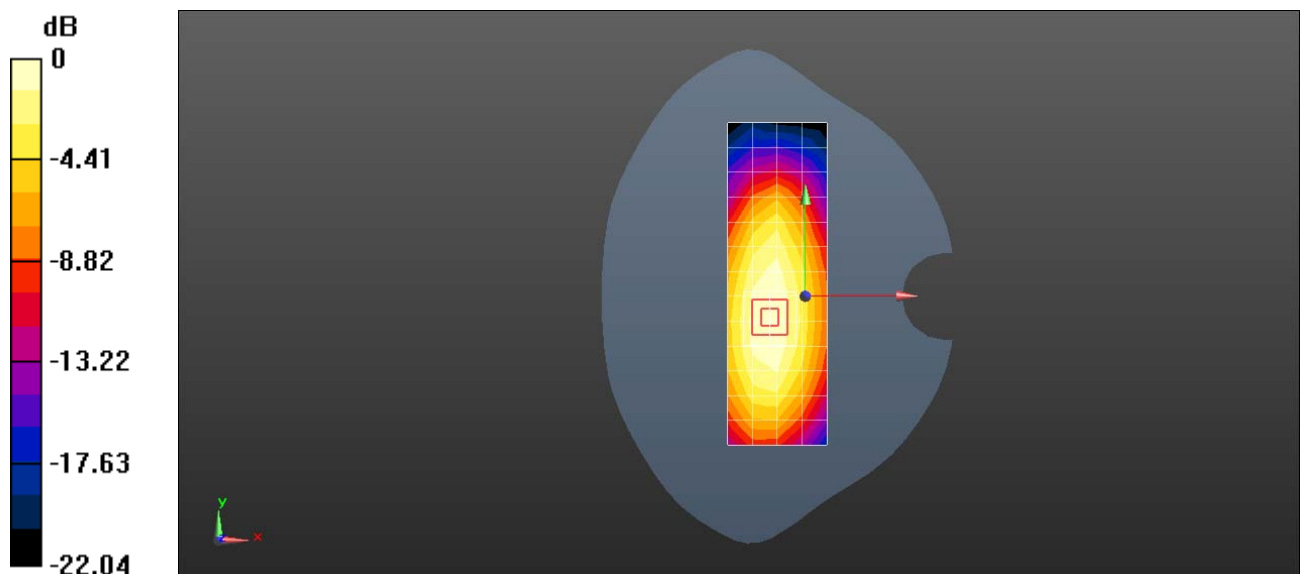
Reference Value = 12.16 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.171 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.088 W/kg**

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

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 5 10M 1RB 25 Offset 20450CH Right Touch-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

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

Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.55, 6.55, 6.55); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 1.13 W/kg

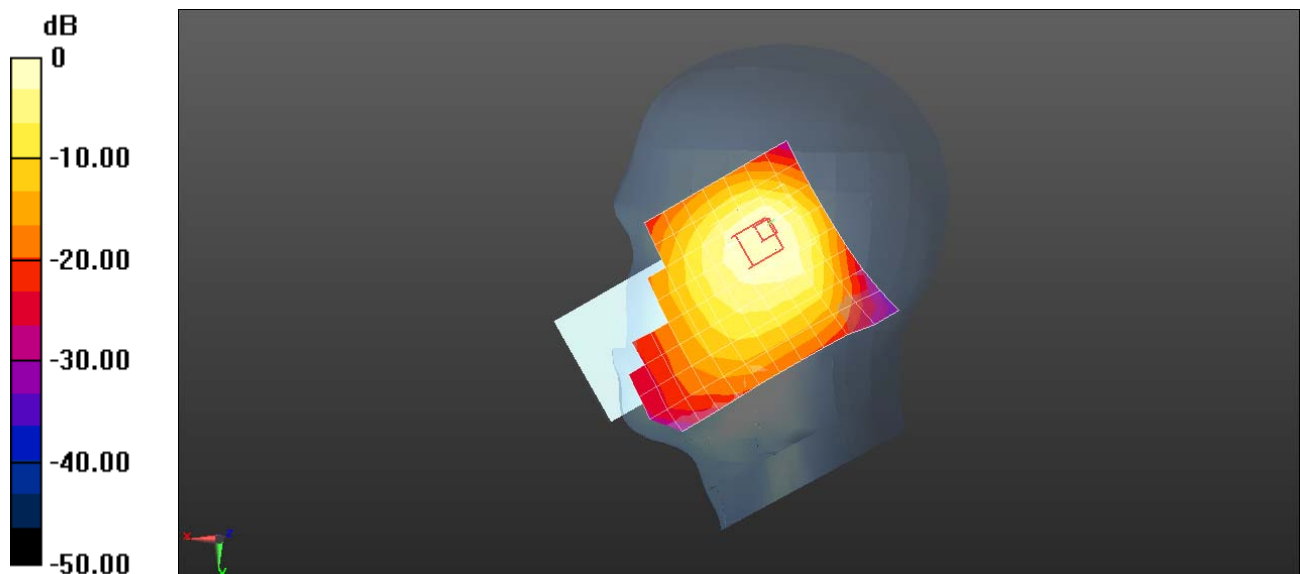
**Configuration/Head/Zoom Scan (6x7x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 31.20 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.532 W/kg**

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 5 QPSK 1RB 25 offset 20600CH Back Side 15mm with Battery2-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

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

Medium parameters used:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.976 \text{ S/m}$ ;  $\epsilon_r = 55.077$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.218 W/kg

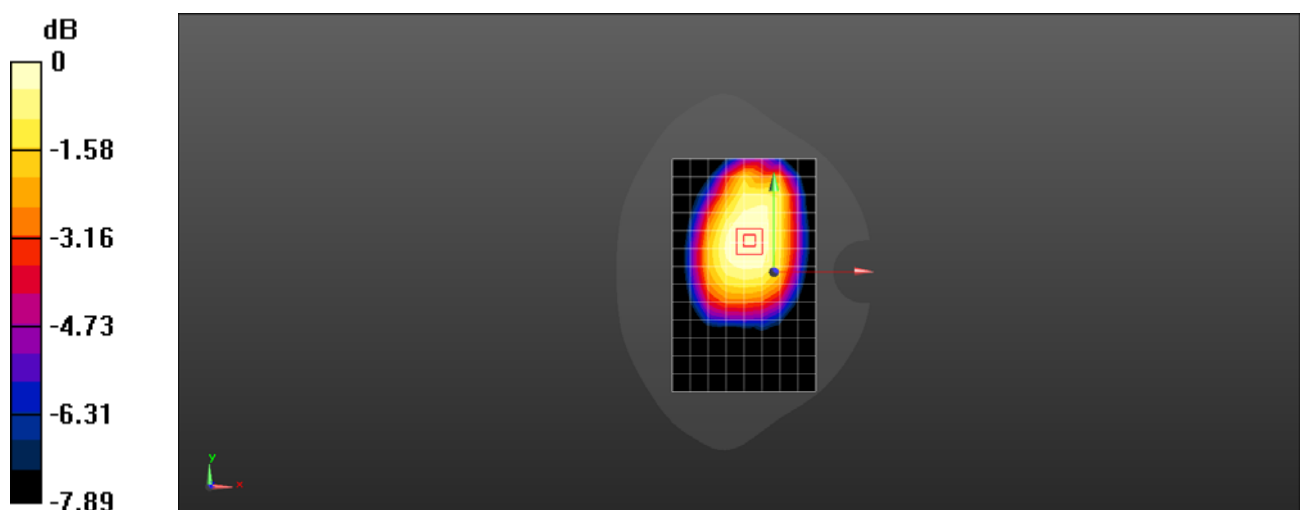
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.07 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.145 W/kg**

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



0 dB = 0.219 W/kg = -6.60 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 5 QPSK 1RB 25 offset 20525CH Left Side 10mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.967$  S/m;  $\epsilon_r = 55.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

Maximum value of SAR (measured) = 0.321 W/kg

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

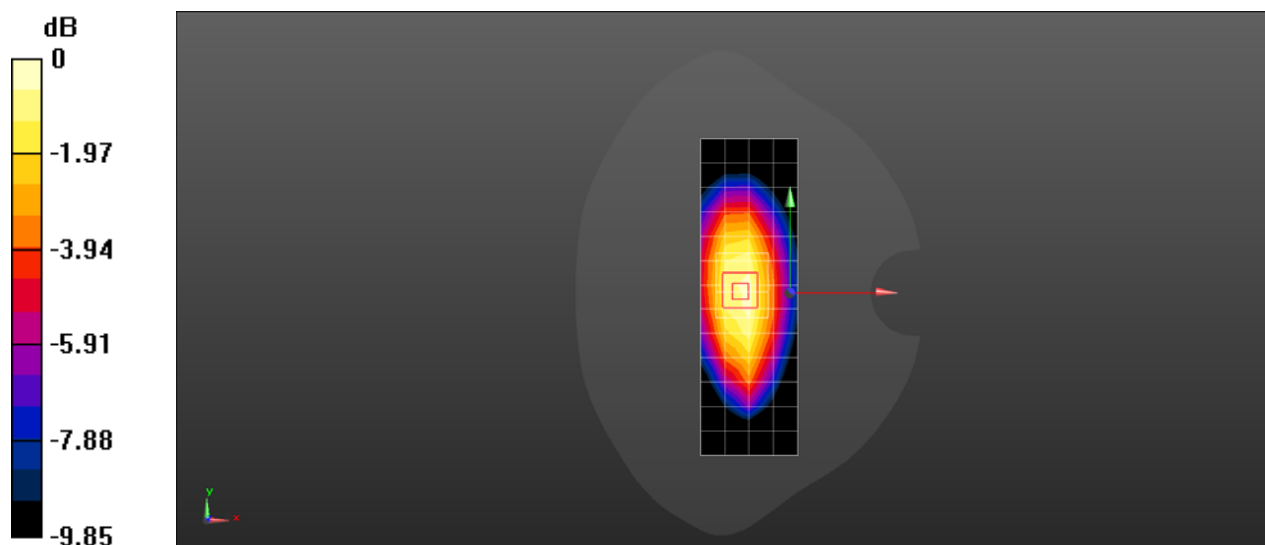
Reference Value = 16.49 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.393 W/kg

**SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.181 W/kg**

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

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



0 dB = 0.348 W/kg = -4.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 7 20M QPSK 1RB 99 Offset 21100CH Right Touch with Battery2-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.887$  S/m;  $\epsilon_r = 40.175$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.01, 7.01, 7.01); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

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

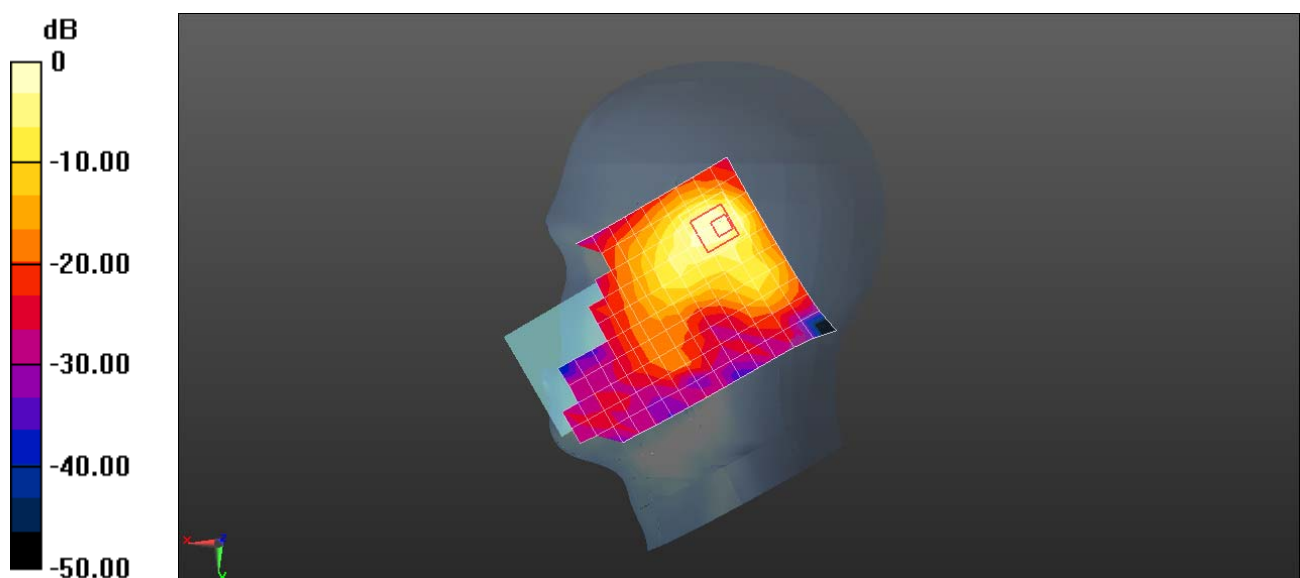
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.931 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.327 W/kg**

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



0 dB = 1.14 W/kg = 0.57 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 7 20M QPSK 50%RB 0 Offset 20850CH Back Side 15mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.052$  S/m;  $\epsilon_r = 50.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.21, 7.21, 7.21); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.325 W/kg

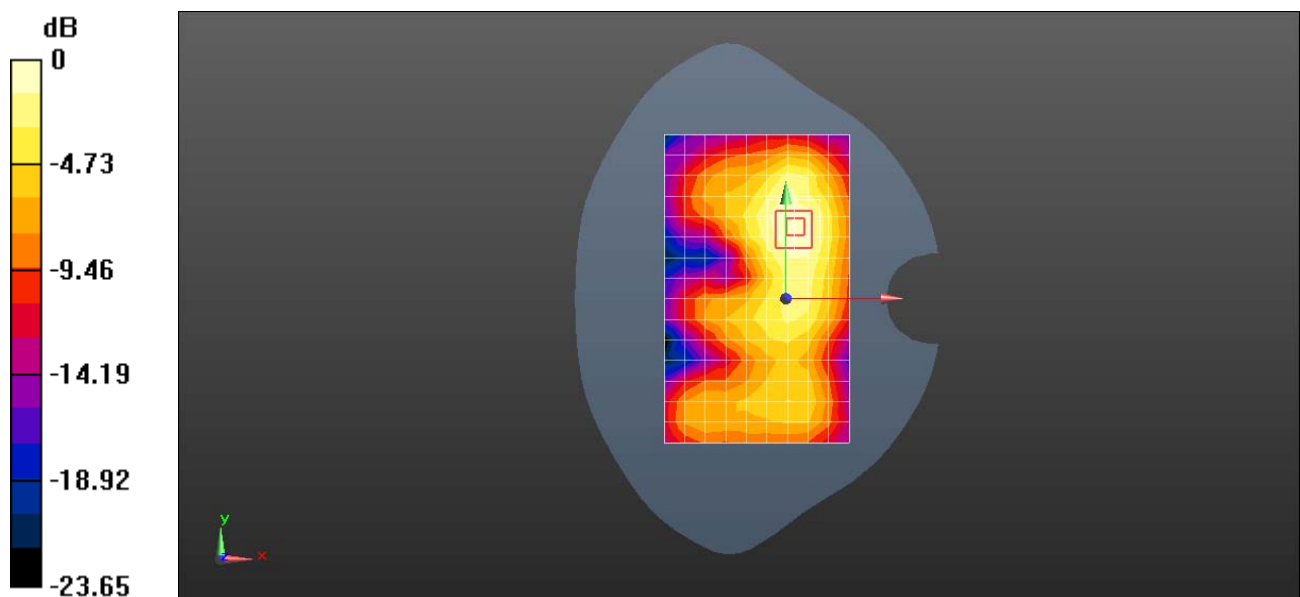
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.738 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.145 W/kg**

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



0 dB = 0.325 W/kg = -4.88 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 7 20M QPSK 1RB 99 Offset 21100CH Back Side 10mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.022$  S/m;  $\epsilon_r = 52.803$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(6.96, 6.96, 6.96); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.189 W/kg

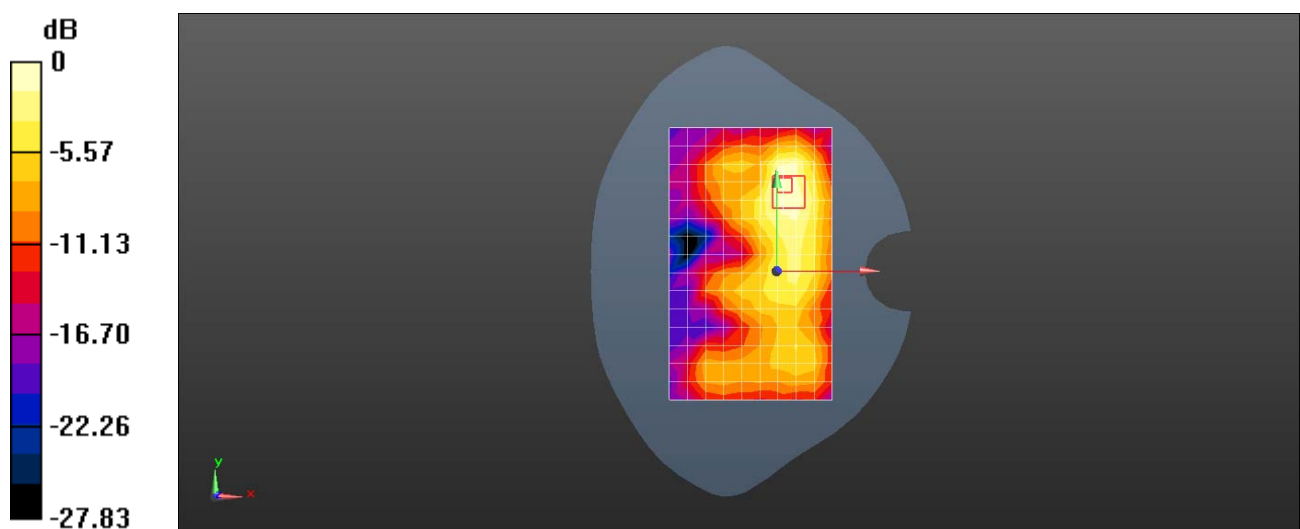
**Configuration/Body/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.851 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.286 W/kg

**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.061 W/kg**

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



0 dB = 0.189 W/kg = -7.24 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 26 15M QPSK 1RB 38 Offset 26965CH Right Touch-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 0.871$  S/m;  $\epsilon_r = 42.822$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.55, 6.55, 6.55); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.784 W/kg

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

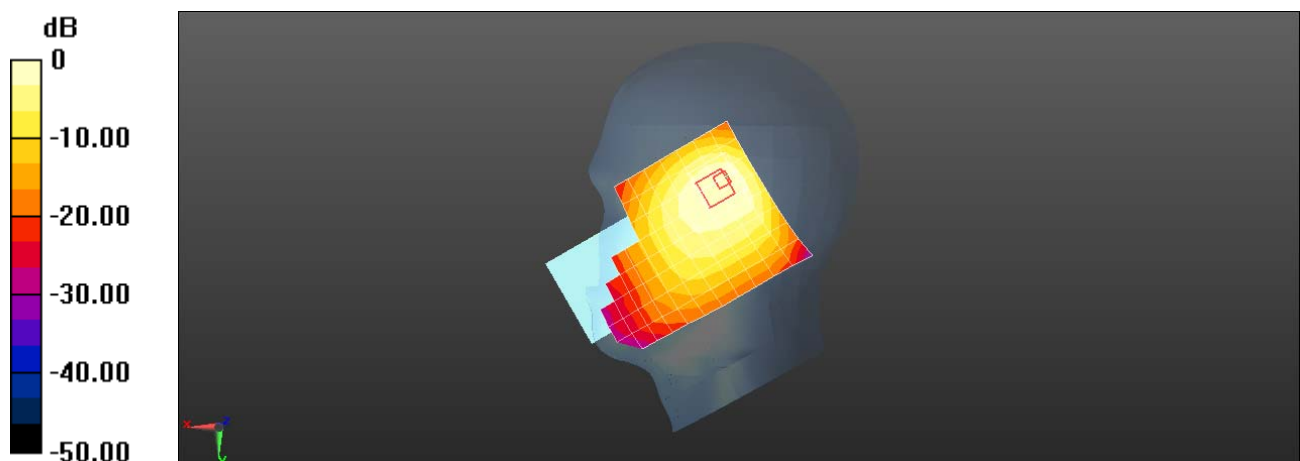
Reference Value = 27.55 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.490 W/kg**

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

Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 26 15M QPSK 1RB 38 Offset 26965CH Back Side 15mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 0.985$  S/m;  $\epsilon_r = 54.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(9.36, 9.36, 9.36); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.205 W/kg

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

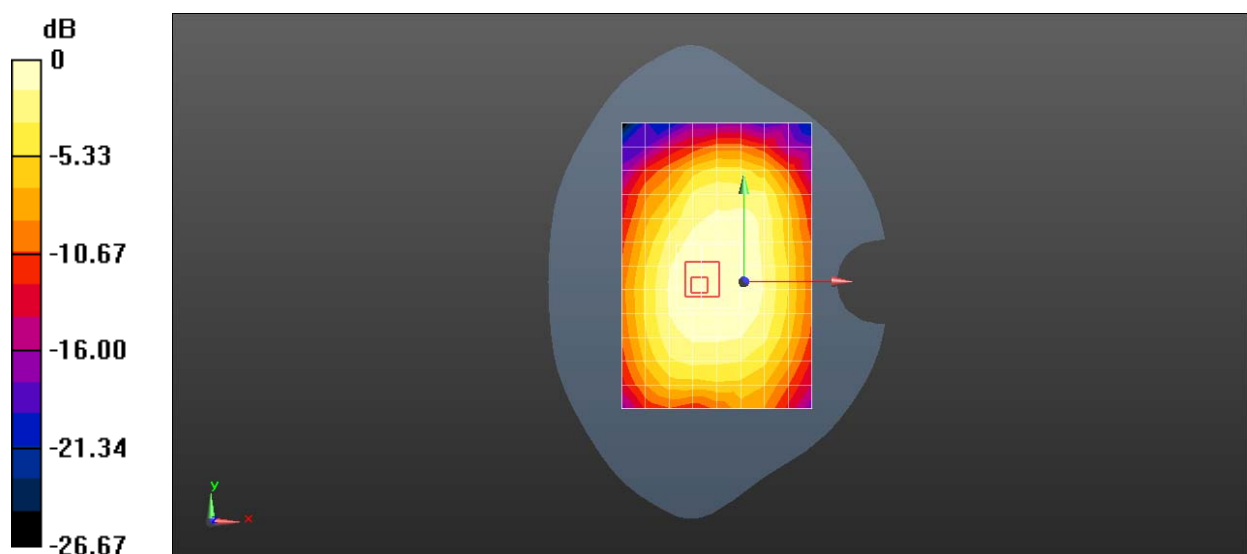
Reference Value = 14.48 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.167 W/kg**

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

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.205 W/kg = -6.88 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 26 15M QPSK 1RB 38 Offset 26965CH Left Side 10mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 1$  S/m;  $\epsilon_r = 54.283$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(9.36, 9.36, 9.36); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

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

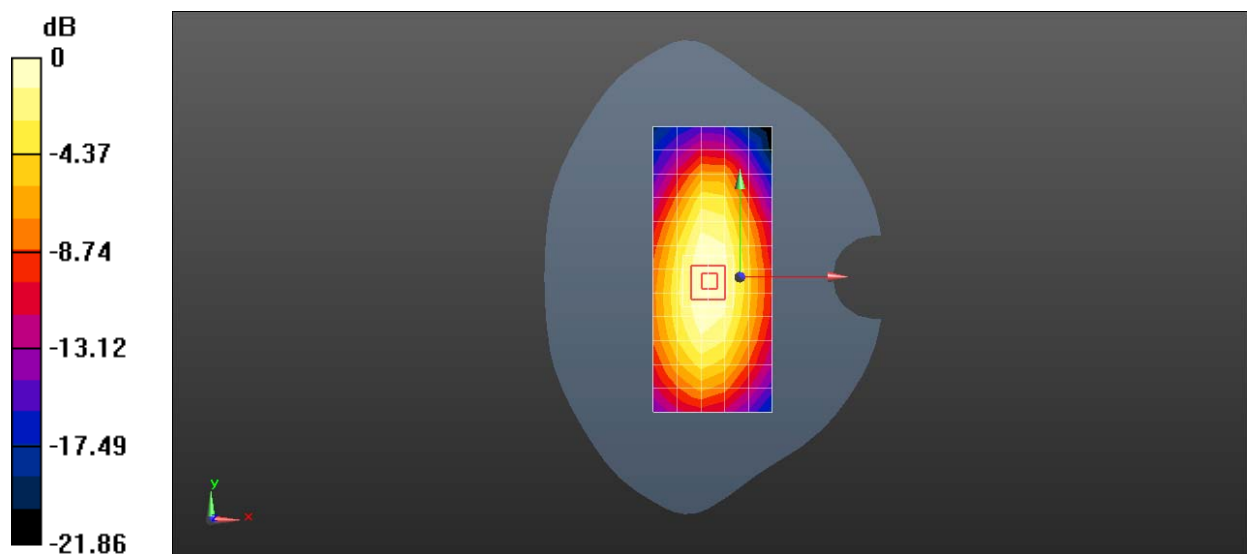
Reference Value = 19.80 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.176 W/kg**

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

Maximum value of SAR (measured) = 0.341 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 41 QPSK 50%RB 50 offset 40540CH Right tilt-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2585 MHz; Duty Cycle: 1:1.57943

Medium parameters used:  $f = 2585$  MHz;  $\sigma = 1.952$  S/m;  $\epsilon_r = 39.691$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(7.76, 7.76, 7.76); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (11x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.851 W/kg

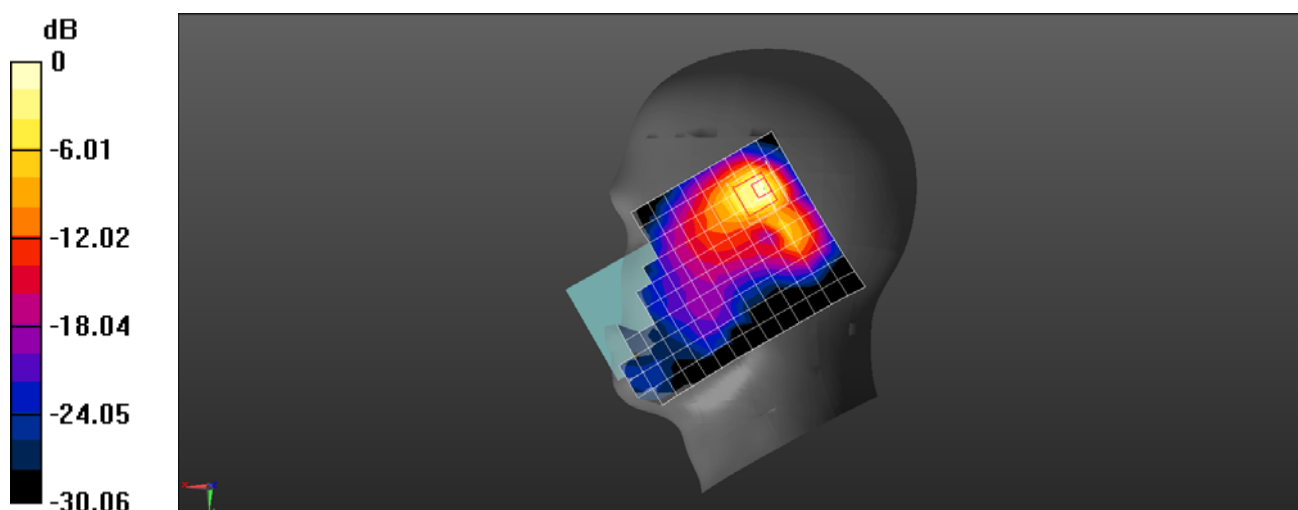
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.554 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.210 W/kg**

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



0 dB = 1.01 W/kg = 0.02 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 41 20M QPSK 1RB 99 Offset 41140CH Back Side 15mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

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;  $\sigma = 2.172$  S/m;  $\epsilon_r = 51.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.31, 4.31, 4.31); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (11x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.174 W/kg

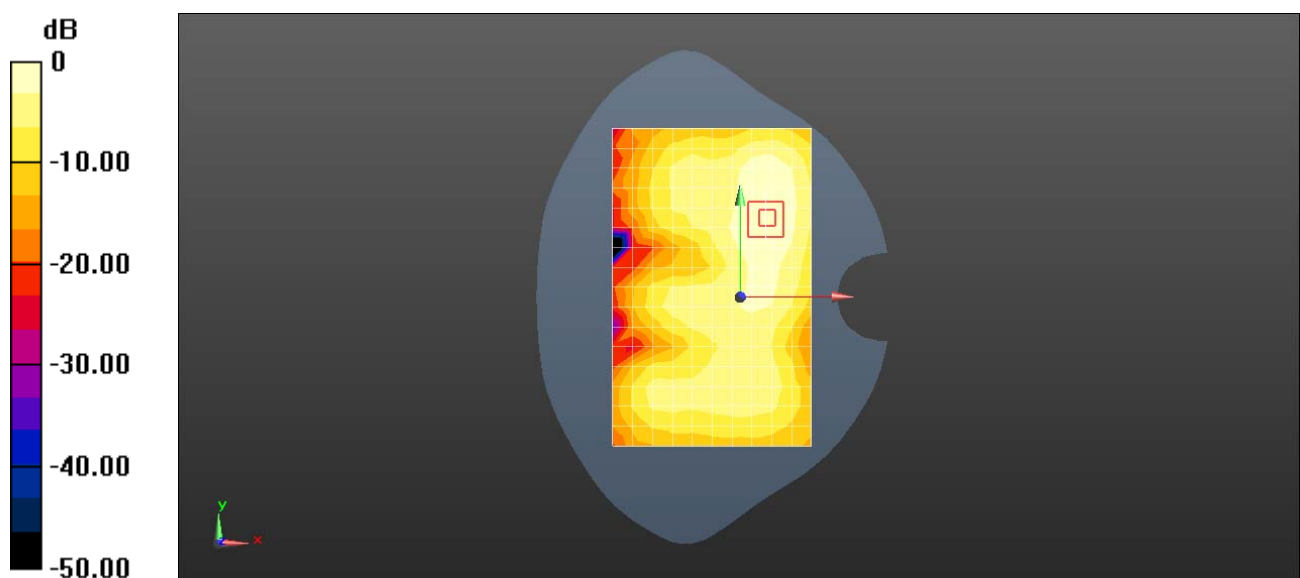
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.334 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.088 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 41 20M QPSK 50%RB 50 Offset 40540CH Left Side 10mm-Second Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2585 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2585$  MHz;  $\sigma = 2.114$  S/m;  $\epsilon_r = 51.827$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.31, 4.31, 4.31); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (6x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.135 W/kg

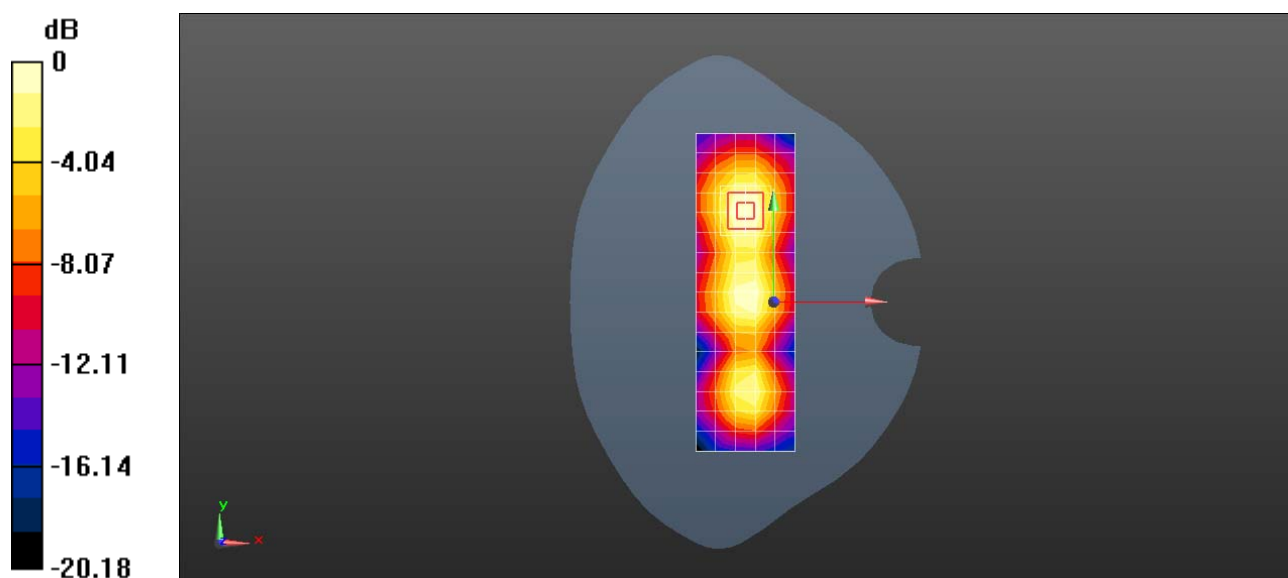
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.392 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.241 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM850 190CH Right touch with Battery2-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.39, 10.39, 10.39); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

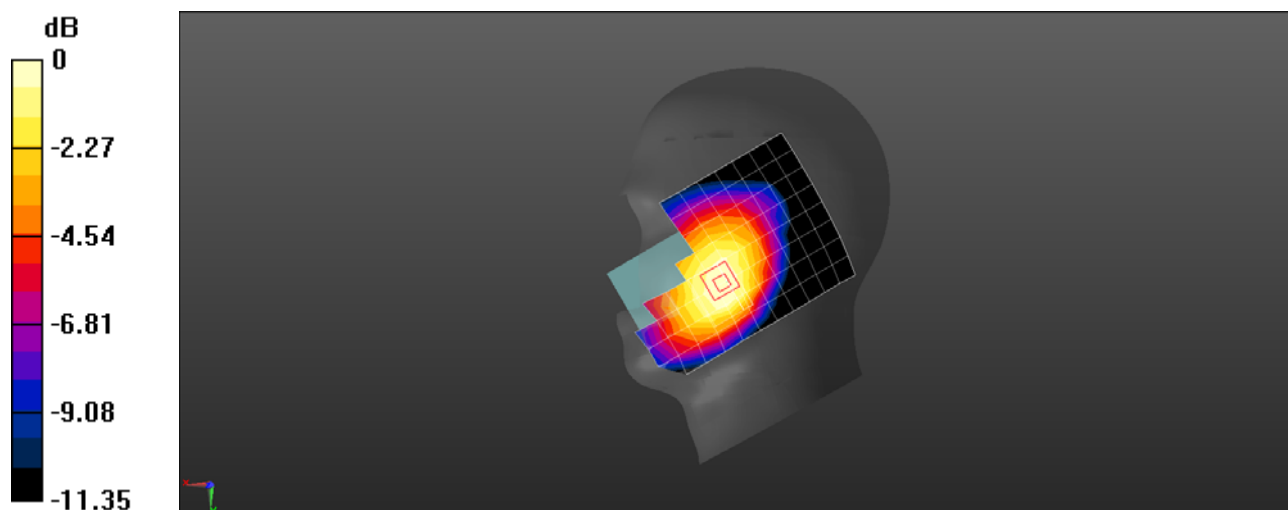
**Configuration/Head/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.379 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.247 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.156 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM850 190CH Back Side 15mm with Battery2 SIM2-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.973 \text{ S/m}$ ;  $\epsilon_r = 55.107$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: 1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.338 W/kg

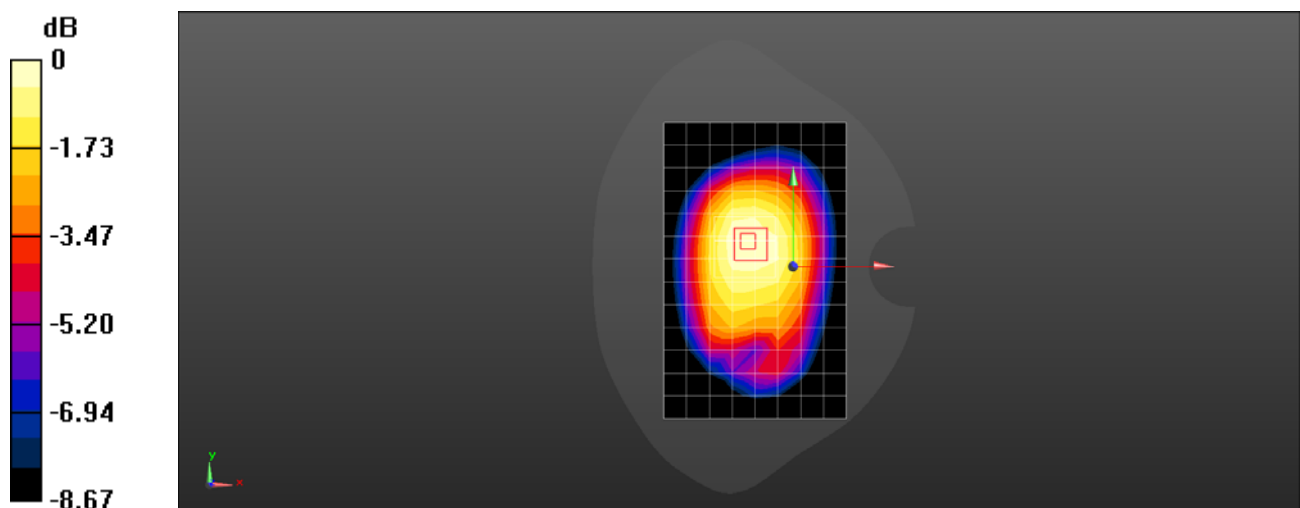
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.74 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.58 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM850 GPRS 2TS 190CH Back Side 10mm-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(9.36, 9.36, 9.36); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.343 W/kg

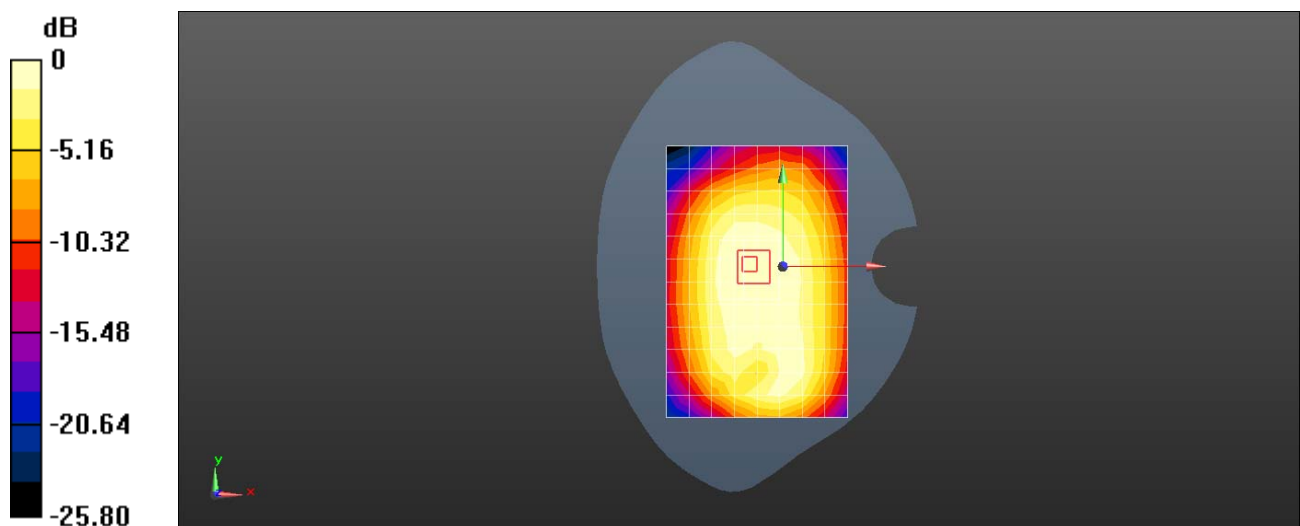
**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.58 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.213 W/kg**

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



0 dB = 0.343 W/kg = -4.65 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM1900 661CH Left Touch-Main Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.4$  S/m;  $\epsilon_r = 38.889$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(8, 8, 8); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.148 W/kg

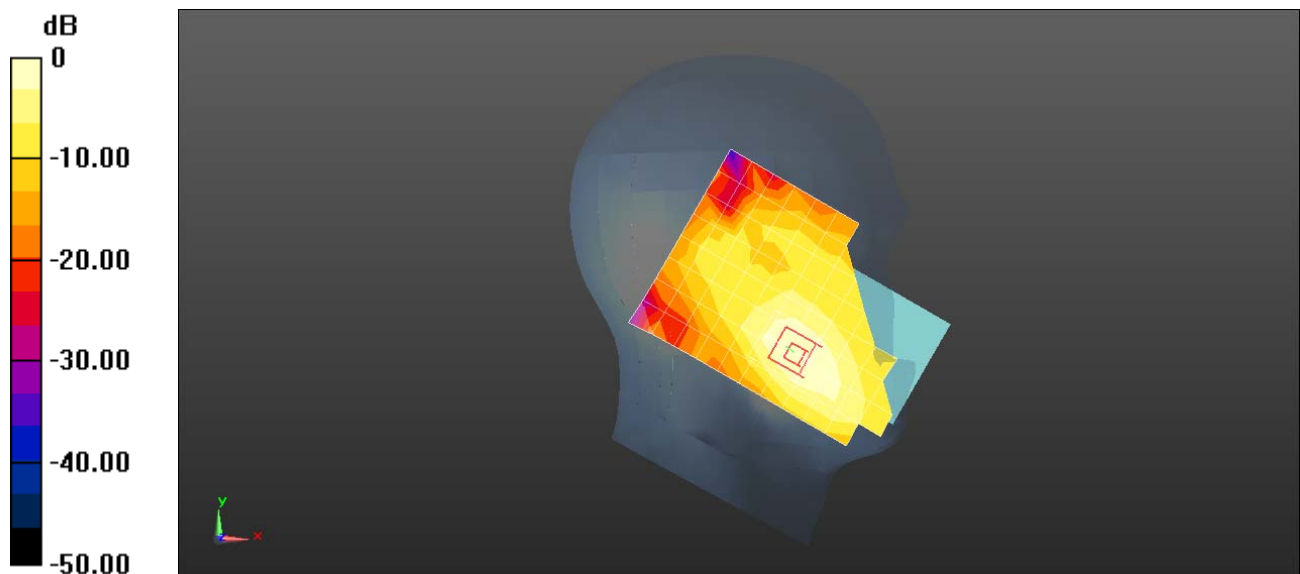
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.083 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.169 W/kg

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.065 W/kg**

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J GSM1900 661CH Back Side 15mm-Main Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.517$  S/m;  $\epsilon_r = 51.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.7, 7.7, 7.7); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

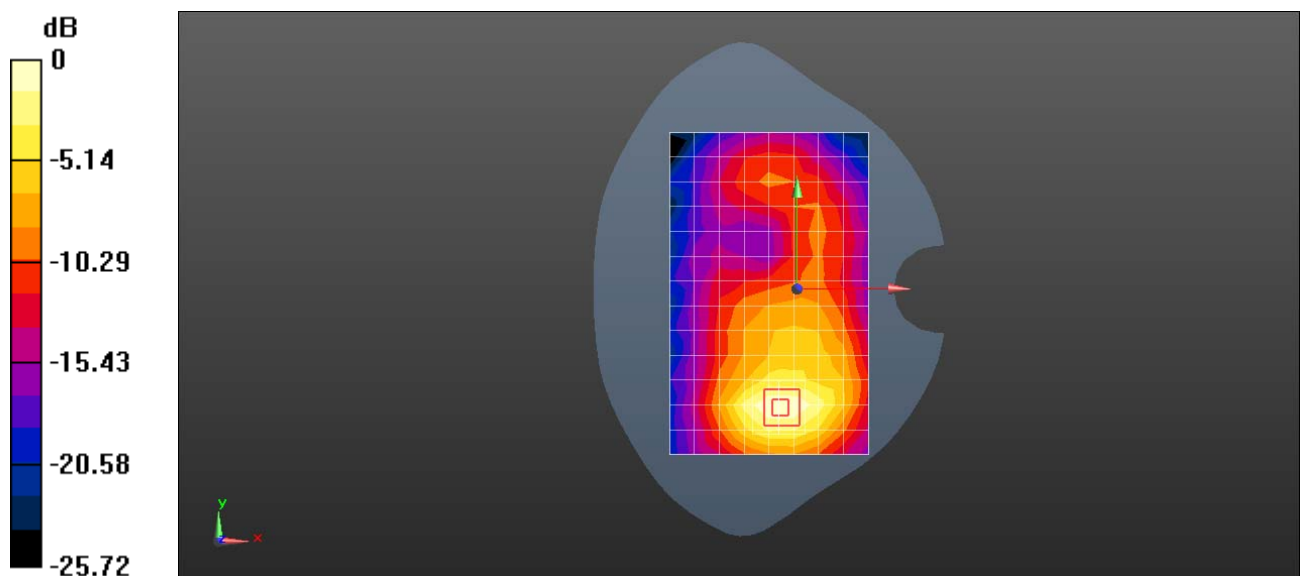
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.412 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.428 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.172 W/kg**

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



0 dB = 0.353 W/kg = -4.52 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J GSM1900 GPRS 2TS 810CH Bottom Side 10mm with Battery2-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.541$  S/m;  $\epsilon_r = 51.749$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.7, 7.7, 7.7); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (5x9x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.793 W/kg

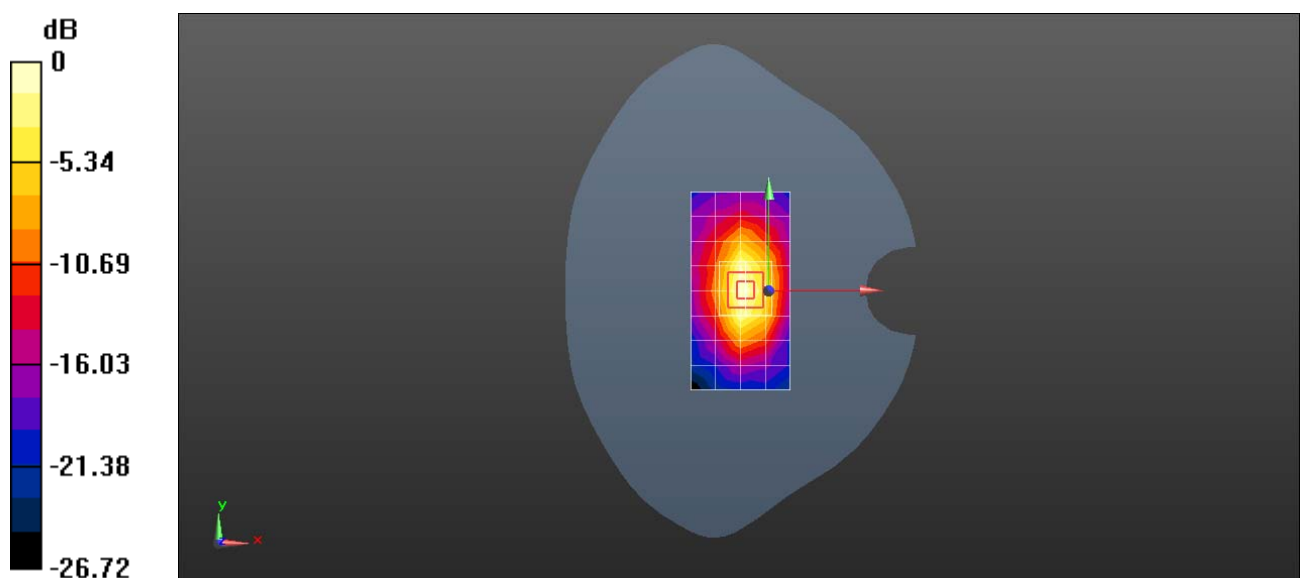
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 20.98 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.328 W/kg**

Maximum value of SAR (measured) = 0.876 W/kg



0 dB = 0.793 W/kg = -1.01 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J UMTS Band 2 9400CH Left touch with Battery3-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.456$  S/m;  $\epsilon_r = 39.817$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(8.66, 8.66, 8.66); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.302 W/kg

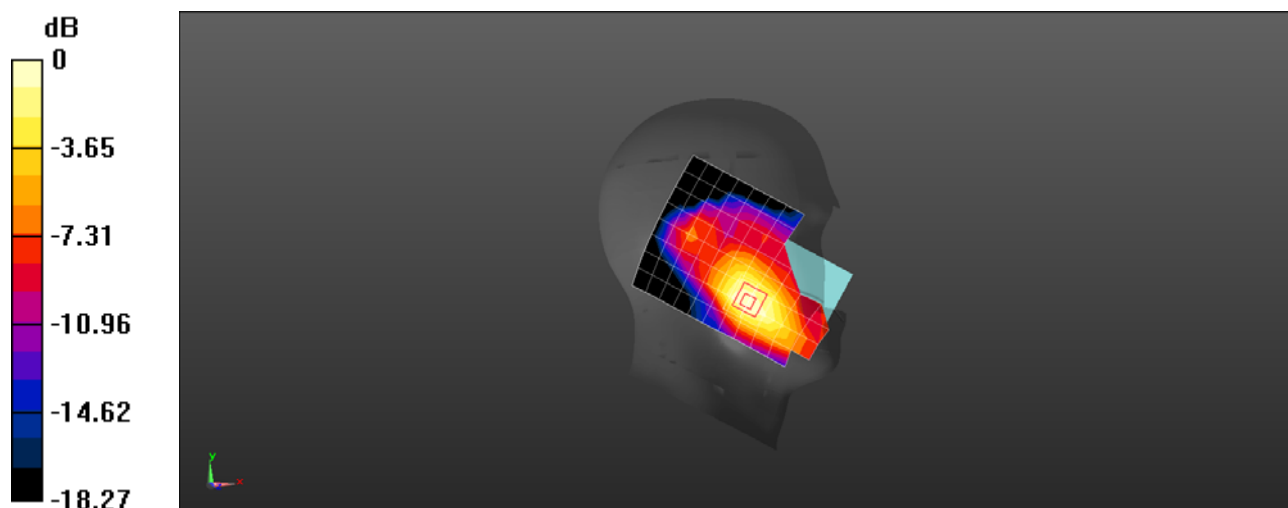
**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.957 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.332 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J UMTS Band 2 9538CH Back Side 15mm with Battery3-Main Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.552$  S/m;  $\epsilon_r = 52.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.731 W/kg

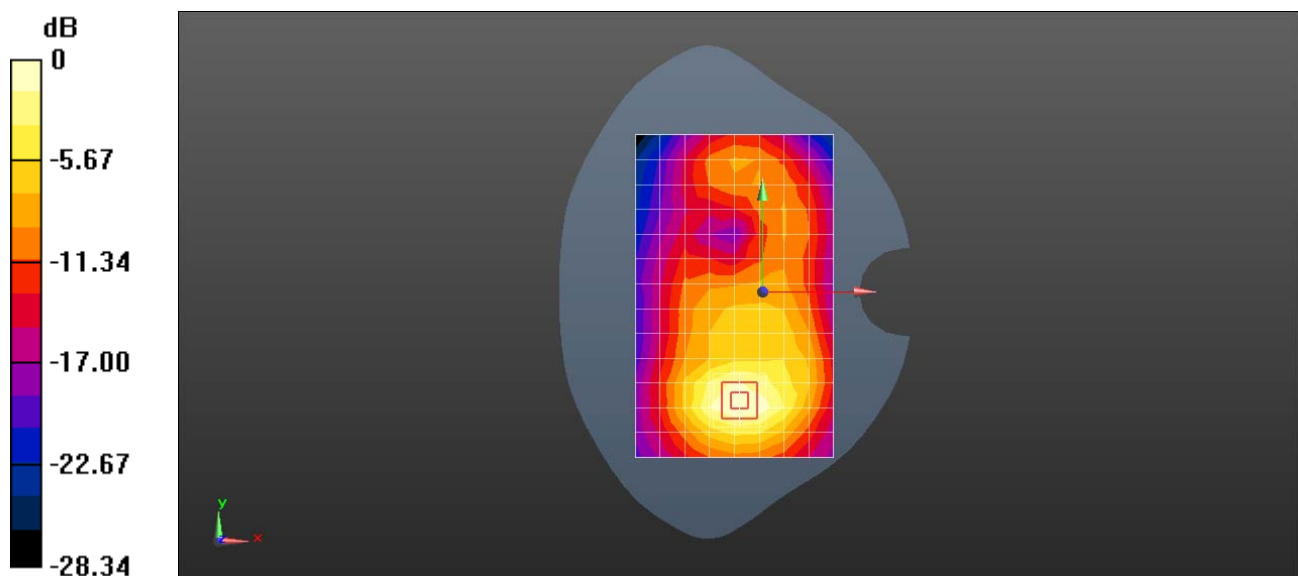
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 8.406 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.436 W/kg**

Maximum value of SAR (measured) = 0.827 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J UMTS Band 2 9400CH Bottom Side 10mm-Main Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 1.528$  S/m;  $\epsilon_r = 52.897$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(4.98, 4.98, 4.98); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.849 W/kg

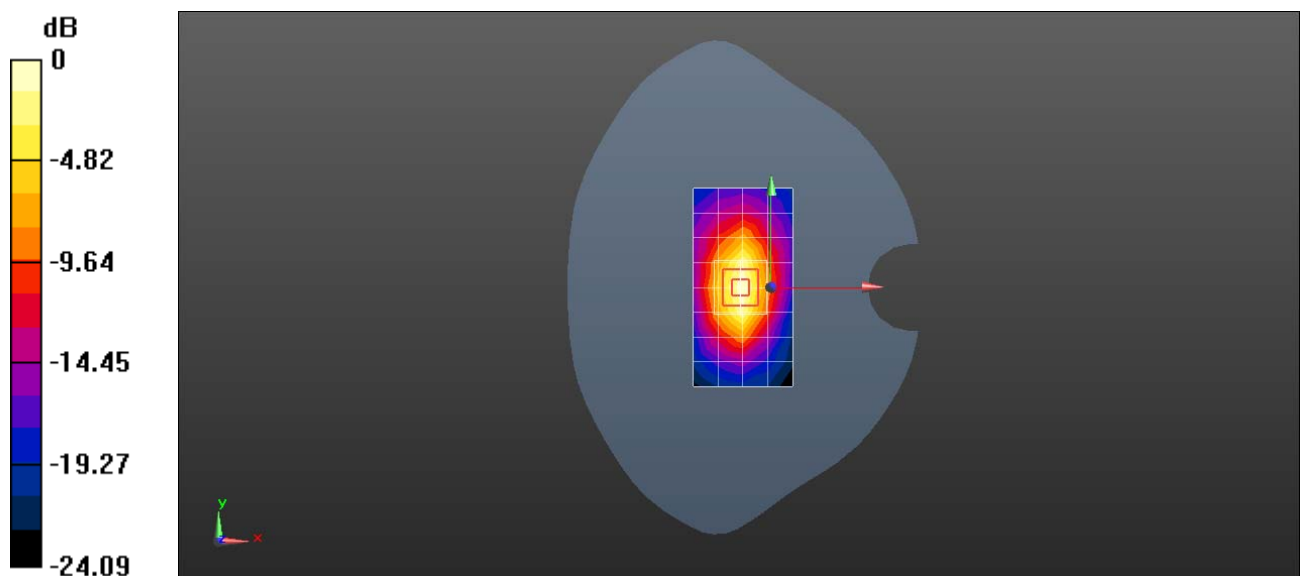
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 24.45 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.398 W/kg**

Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.849 W/kg = -0.71 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J UMTS Band 5 4182CH Right Touch with Battery3-Main Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 0.927$  S/m;  $\epsilon_r = 42.363$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.55, 6.55, 6.55); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.166 W/kg

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

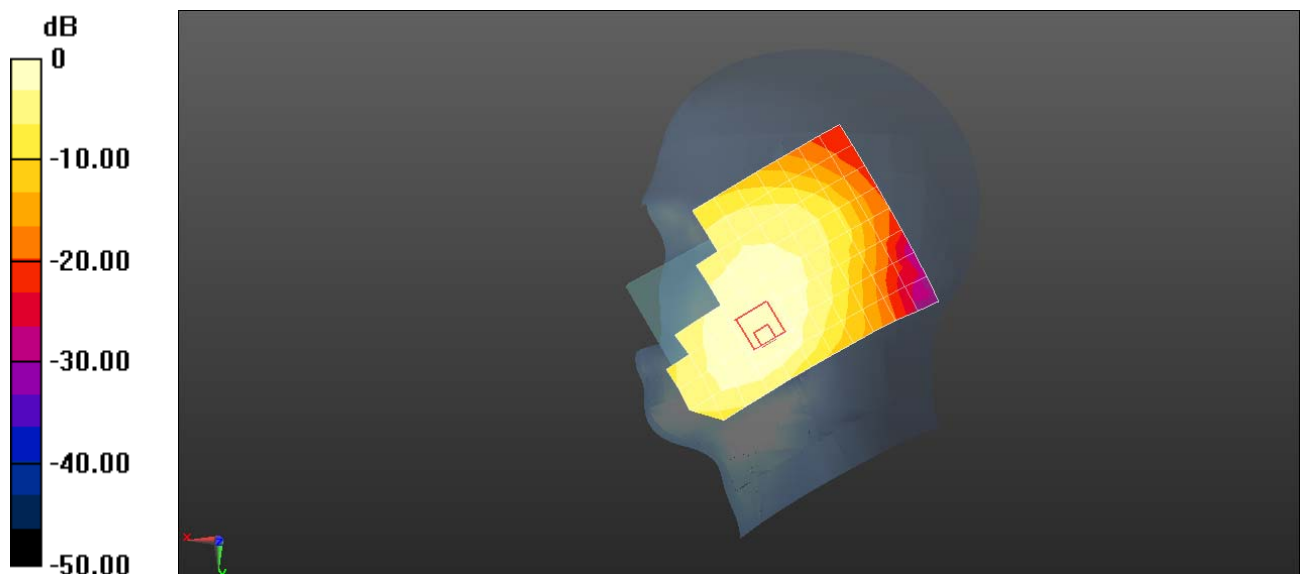
Reference Value = 5.926 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.206 W/kg

**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.118 W/kg**

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

Maximum value of SAR (measured) = 0.169 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J UMTS Band 5 4182CH Back Side 15mm-Main Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 0.943$  S/m;  $\epsilon_r = 53.951$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3168; ConvF(6.27, 6.27, 6.27); Calibrated: 2017-9-28;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

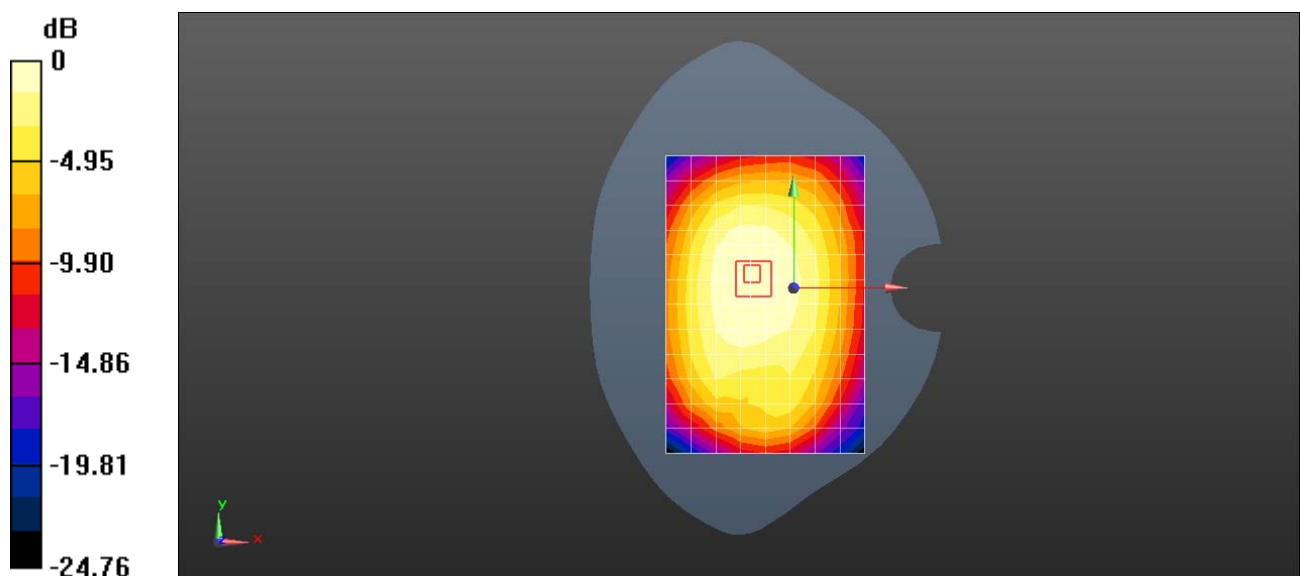
Reference Value = 16.46 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.311 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.201 W/kg**

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

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J UMTS Band 5 4182CH Right Side 10mm-Main Antenna

**DUT: ANE-LX2J; 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;  $\sigma = 0.943$  S/m;  $\epsilon_r = 53.951$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.27, 6.27, 6.27); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn852; Calibrated: 2017-4-27
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

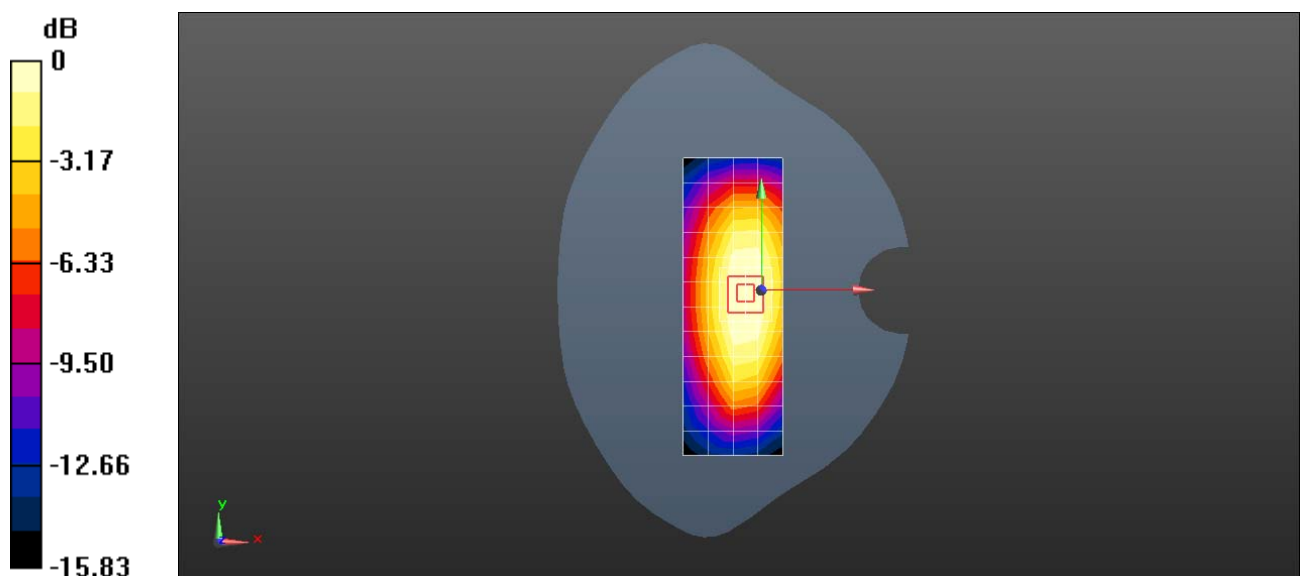
Reference Value = 20.23 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.492 W/kg

**SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.259 W/kg**

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

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 5 10M QPSK 1RB 25 Offset 20600CH Right Touch -Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 42.185$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.55, 6.55, 6.55); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x13x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.225 W/kg

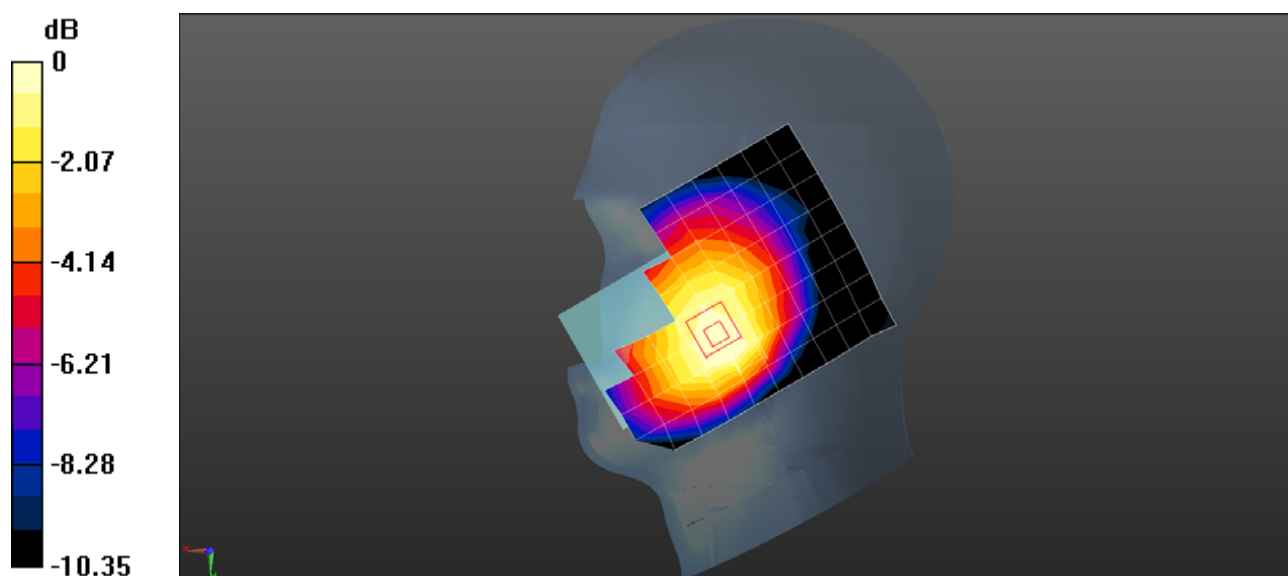
**Configuration/Head/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.571 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.149 W/kg**

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

## ANE-LX2J LTE Band 5 QPSK 1RB 25 offset 20600CH Back Side 15mm with Battery2-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

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

Medium parameters used:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.976 \text{ S/m}$ ;  $\epsilon_r = 55.077$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

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

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

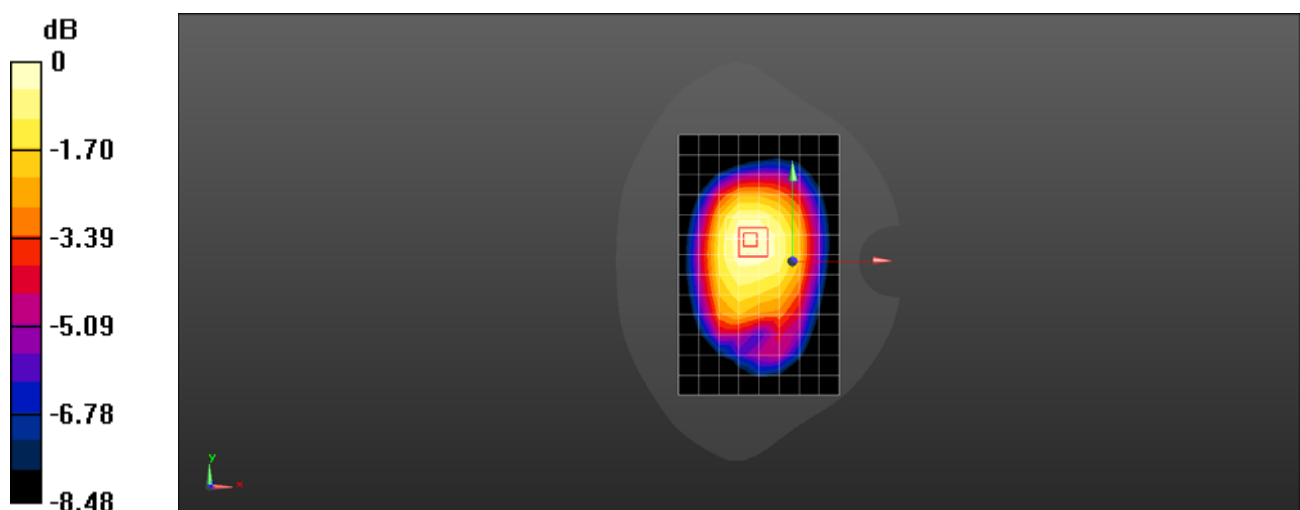
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.18 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.329 W/kg = -4.83 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 5 QPSK 1RB 25 offset 20600CH Right Side 10mm-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

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

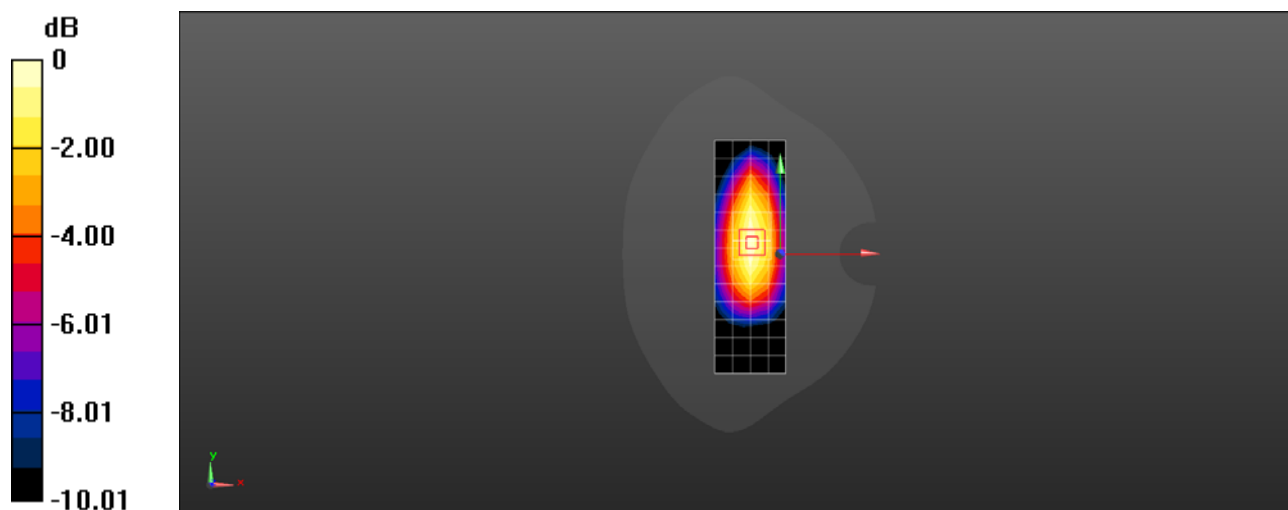
Medium parameters used:  $f = 844$  MHz;  $\sigma = 0.976$  S/m;  $\epsilon_r = 55.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(10.8, 10.8, 10.8); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (5x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.345 W/kg

**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 16.68 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.404 W/kg  
**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.185 W/kg**  
Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 7 20M QPSK 1RB 99 Offset 21100CH Left Touch-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.887$  S/m;  $\epsilon_r = 40.175$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(7.01, 7.01, 7.01); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.180 W/kg

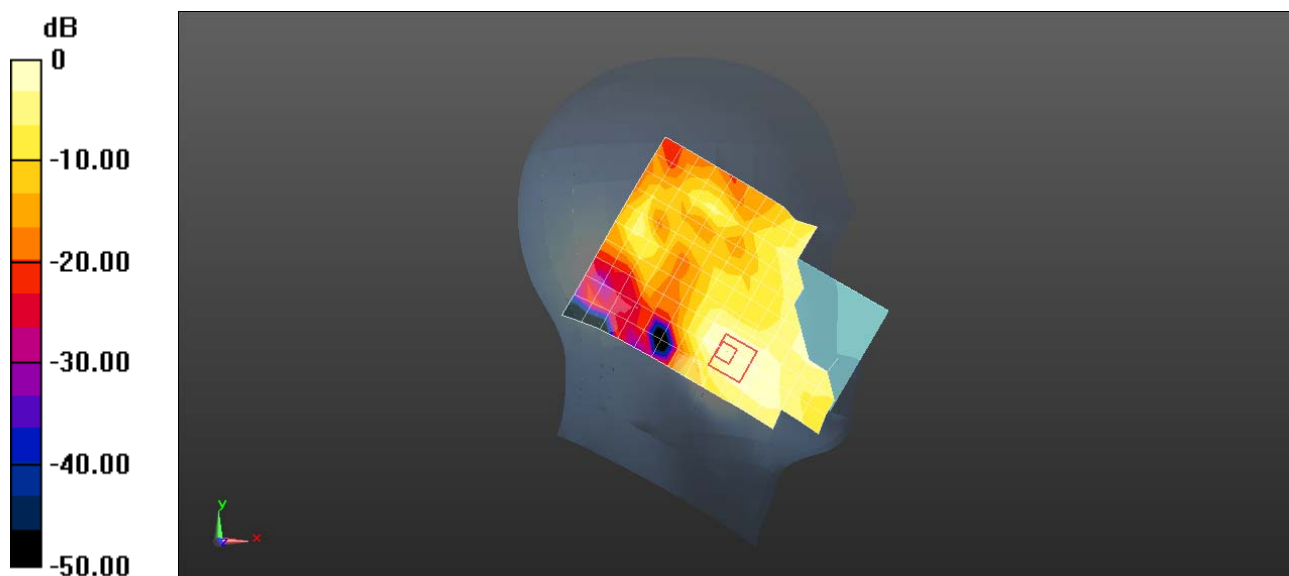
**Configuration/Head/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.760 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.217 W/kg

**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.180 W/kg = -7.45 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 7 20M QPSK 1RB 99 Offset 21100CH Back Side 15mm with Battery2-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.077$  S/m;  $\epsilon_r = 50.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(6.96, 6.96, 6.96); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.645 W/kg

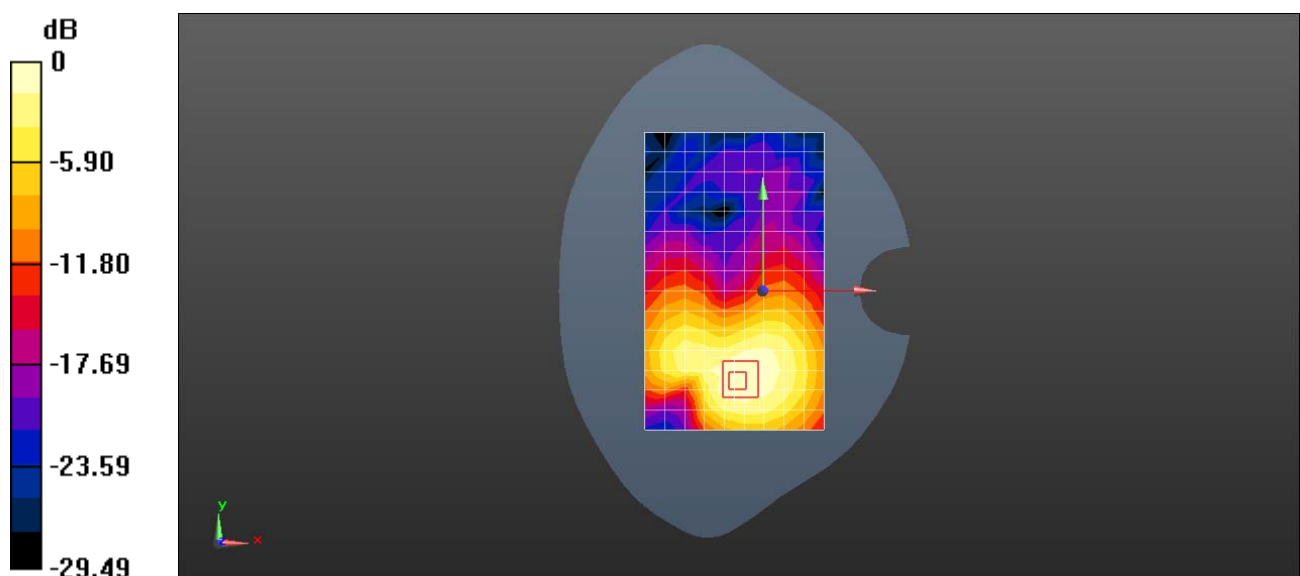
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.579 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.818 W/kg

**SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.282 W/kg**

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.645 W/kg = -1.90 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 7 20M QPSK 50%RB 0 Offset 20850CH Front Side 9mm- Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.047$  S/m;  $\epsilon_r = 51.223$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(7.91, 7.91, 7.91); Calibrated: 2018-1-9;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = -9.0, 31.0$
- ε Electronics: DAE4 Sn905; Calibrated: 2017-6-20
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.727 W/kg

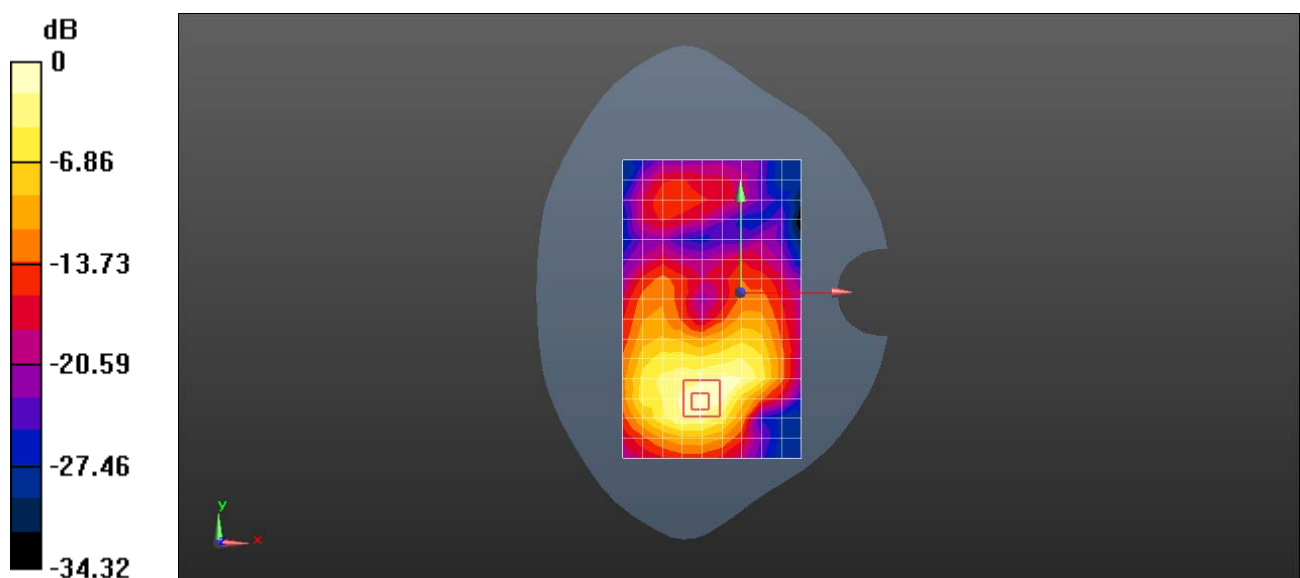
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.071 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.867 W/kg

**SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.276 W/kg**

Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.727 W/kg = -1.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 26 15M QPSK 1RB 38 Offset 26775CH Right Touch-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 0.864$  S/m;  $\epsilon_r = 42.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY Configuration:

- ε Probe: ES3DV3 - SN3168; ConvF(6.55, 6.55, 6.55); Calibrated: 2017-9-28;
- ε Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

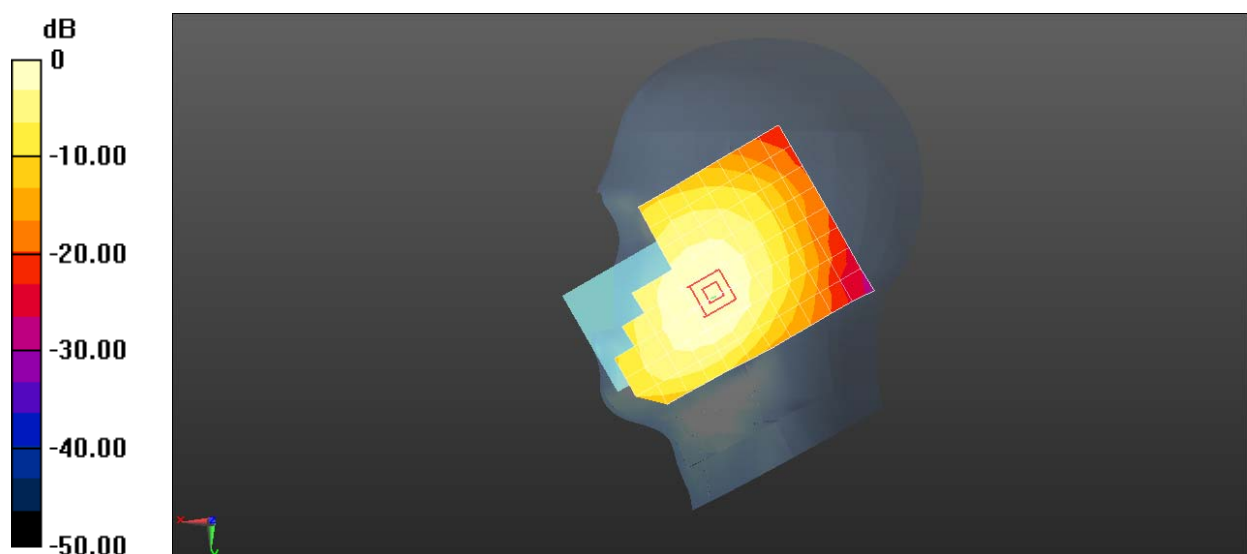
Reference Value = 6.149 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.163 W/kg**

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

Maximum value of SAR (measured) = 0.230 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 26 15M QPSK 1RB 38 Offset 26775CH Back Side 15mm with Battery3-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 0.978$  S/m;  $\epsilon_r = 54.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(9.36, 9.36, 9.36); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

Maximum value of SAR (measured) = 0.277 W/kg

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

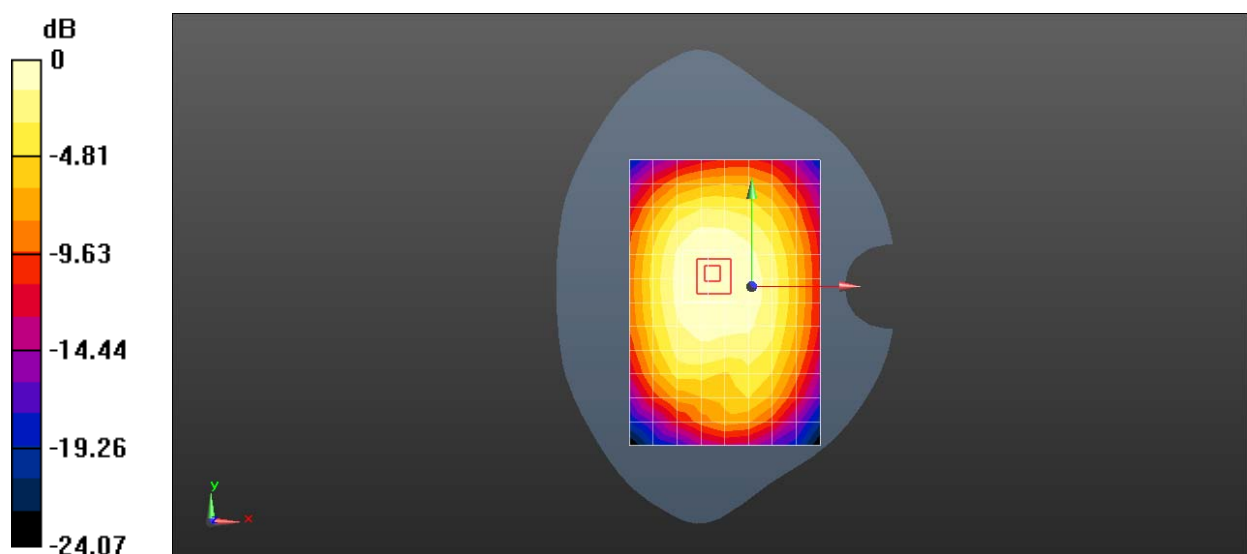
Reference Value = 16.97 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.328 W/kg

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

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

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 26 15M QPSK 1RB 38 Offset 26775CH Right Side 10mm-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 0.898$  S/m;  $\epsilon_r = 42.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3736; ConvF(9.36, 9.36, 9.36); Calibrated: 2017-4-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

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

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

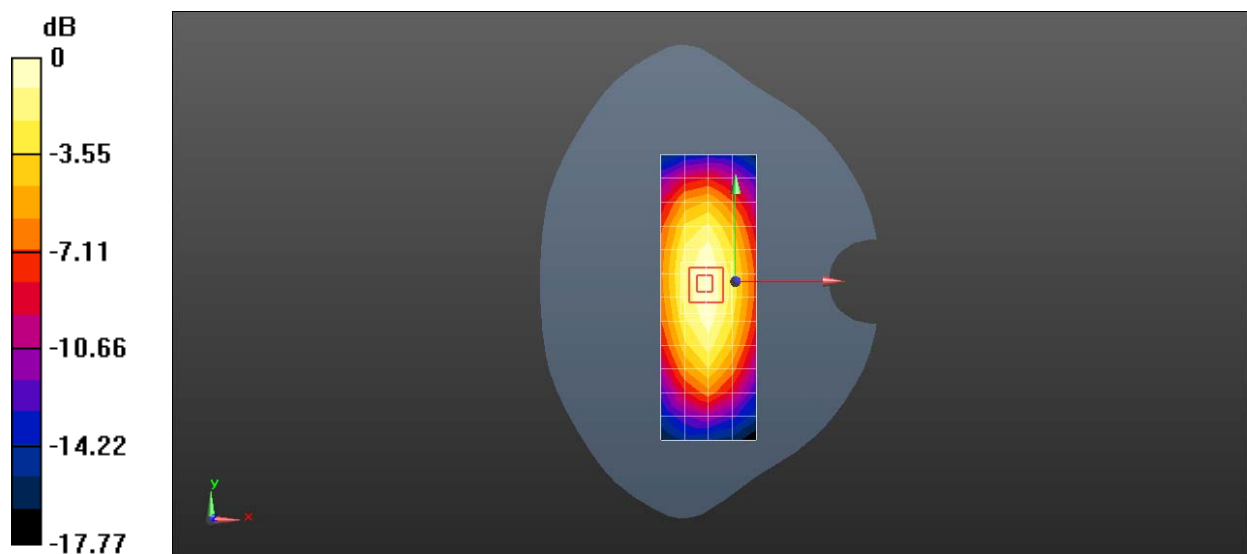
Reference Value = 21.12 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.422 W/kg

**SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.183 W/kg**

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

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 41 QPSK 1RB 99 offset 41140CH Left touch-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2645 MHz; Duty Cycle: 1:1.57943

Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2.001$  S/m;  $\epsilon_r = 39.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(7.76, 7.76, 7.76); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (11x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0344 W/kg

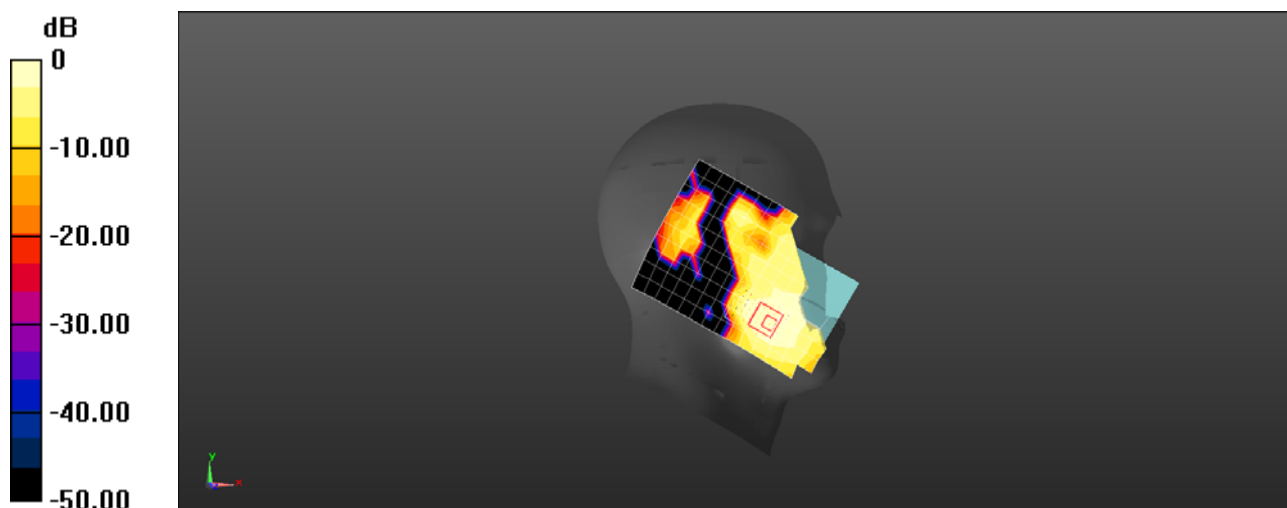
**Configuration/Body/Zoom Scan (7x10x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.229 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0490 W/kg

**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0402 W/kg



0 dB = 0.0402 W/kg = -13.96 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J LTE Band 41 20M QPSK 1RB 99 Offset 41140CH Back Side 15mm- Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

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;  $\sigma = 2.157$  S/m;  $\epsilon_r = 52.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.12, 7.12, 7.12); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x15x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.270 W/kg

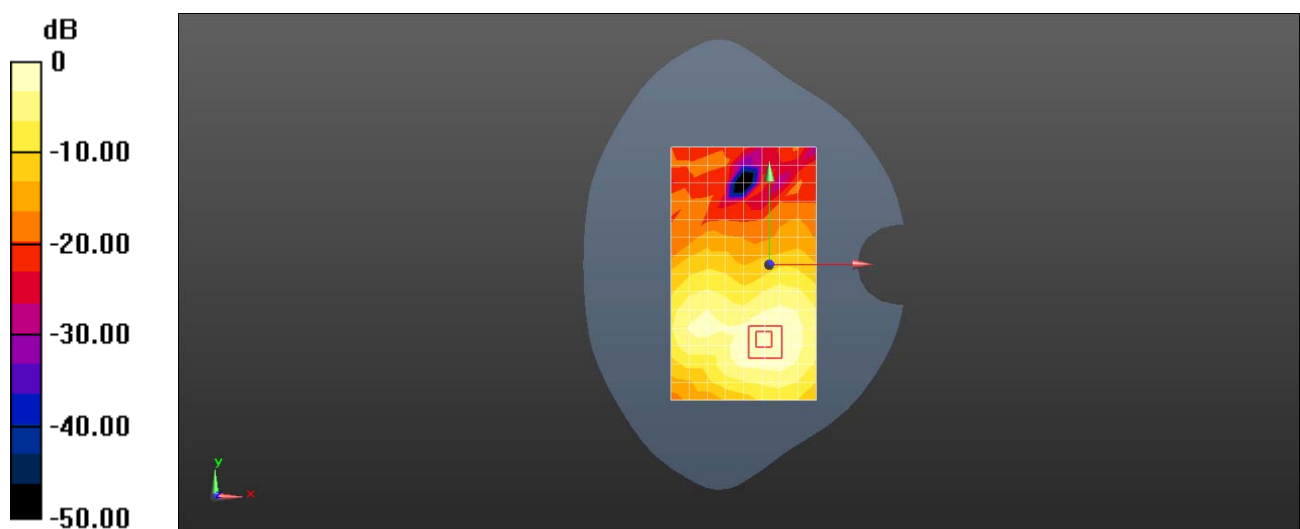
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.484 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.334 W/kg

**SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.270 W/kg = -5.69 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J LTE Band 41 20M QPSK 50%RB 50 Offset 40540CH Bottom Side 10mm with Battery2-Main Antenna

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, LTE-TDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2585 MHz; Duty Cycle: 1:1.57906

Medium parameters used:  $f = 2585$  MHz;  $\sigma = 2.083$  S/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3744; ConvF(7.12, 7.12, 7.12); Calibrated: 2017-7-24;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM2; Type: SAM; Serial: TP:1474
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Maximum value of SAR (measured) = 0.659 W/kg

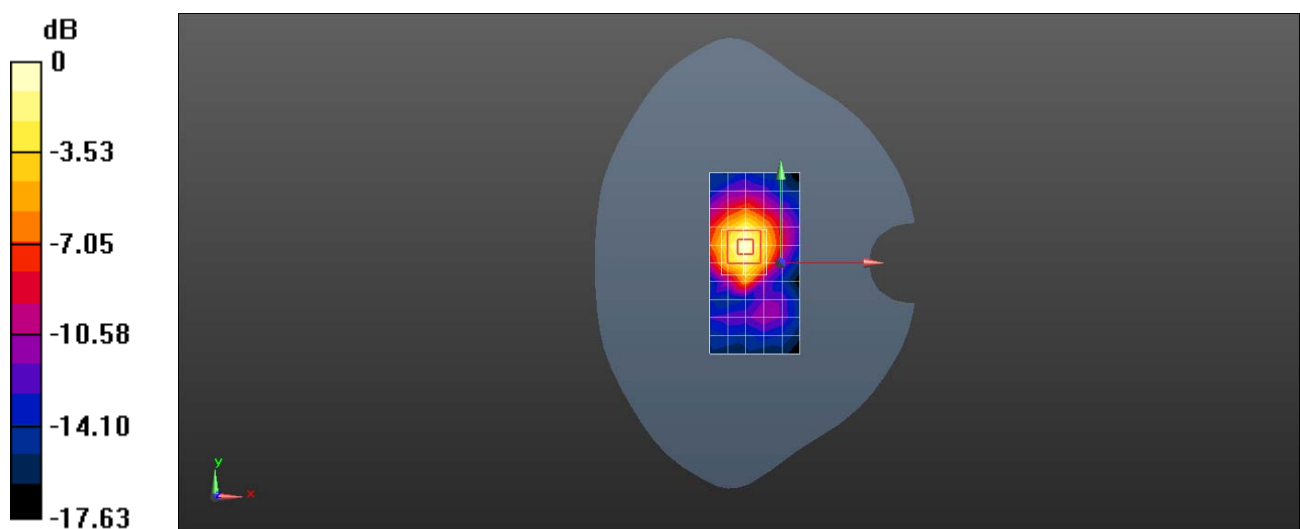
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.97 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.803 W/kg

**SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.657 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J WiFi 2.4G 802.11b 1CH Left touch

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.796$  S/m;  $\epsilon_r = 38.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(8.04, 8.04, 8.04); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (10x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.326 W/kg

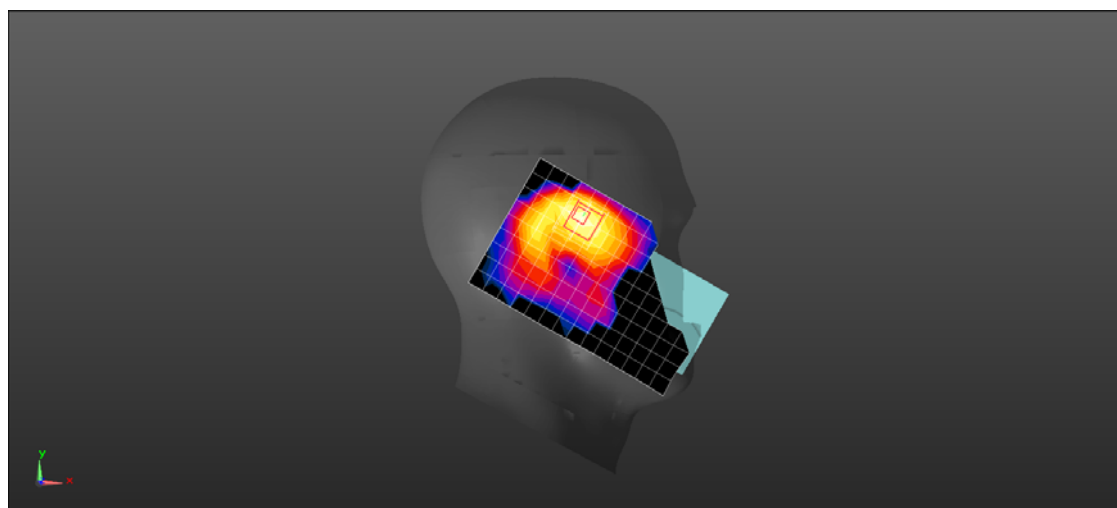
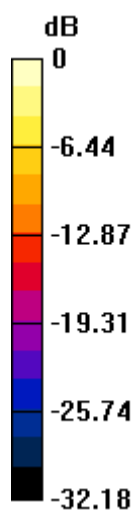
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.676 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.482 W/kg

**SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.341 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J WiFi 2.4G 802.11b 6CH Back Side 15mm with Battery2

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.014$  S/m;  $\epsilon_r = 52.781$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(8.24, 8.24, 8.24); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (10x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.141 W/kg

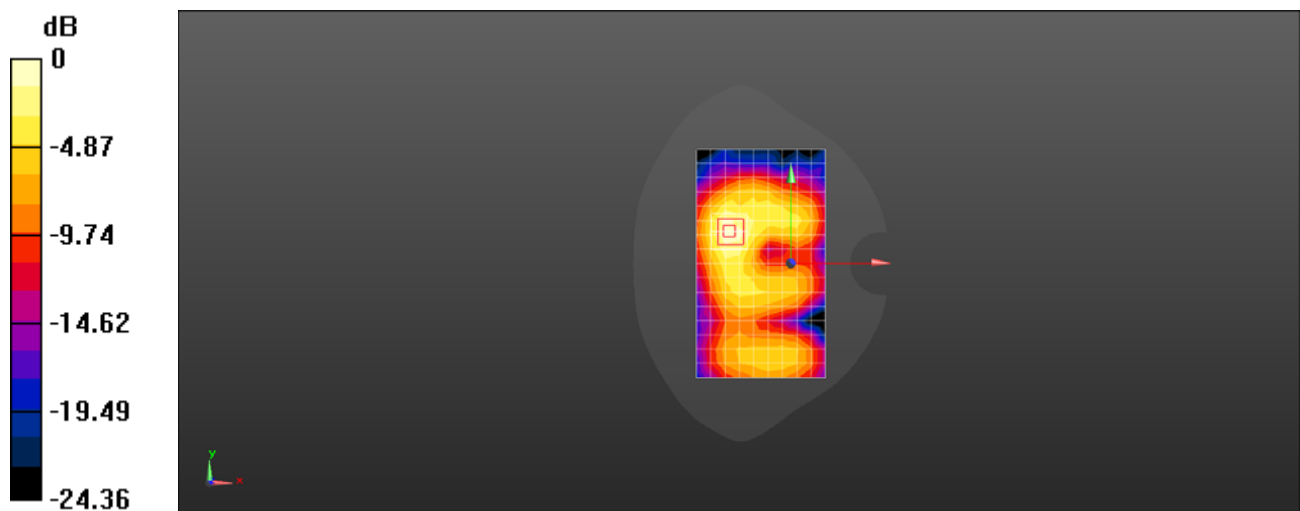
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.166 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.053 W/kg**

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J WiFi 2.4G 802.11b 6CH Back Side 10mm with Battery3

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR5**

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.014$  S/m;  $\epsilon_r = 52.781$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7489; ConvF(8.24, 8.24, 8.24); Calibrated: 2018-1-9;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1531; Calibrated: 2018-1-3
- Phantom: SAM8; Type: QD 000 P41 AA; Serial: TP-1940
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (10x17x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.314 W/kg

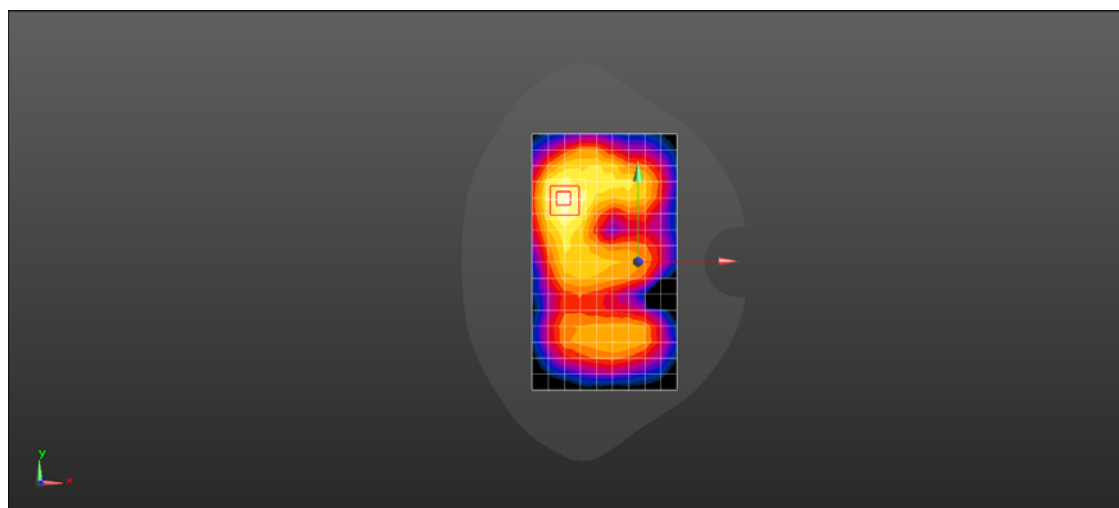
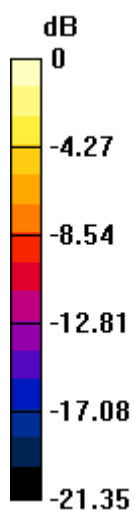
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.887 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.103 W/kg**

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



0 dB = 0.305 W/kg = -5.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J WiFi 5G 802.11a 6M 64CH Left Tilt

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR1**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5320 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.705$  S/m;  $\epsilon_r = 36.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN7489; ConvF(5.62, 5.62, 5.62); Calibrated: 2018-1-9;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn905; Calibrated: 2017-6-20
- ε Phantom: SAM1; Type: SAM; Serial: TP-1475
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (12x18x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.342 W/kg

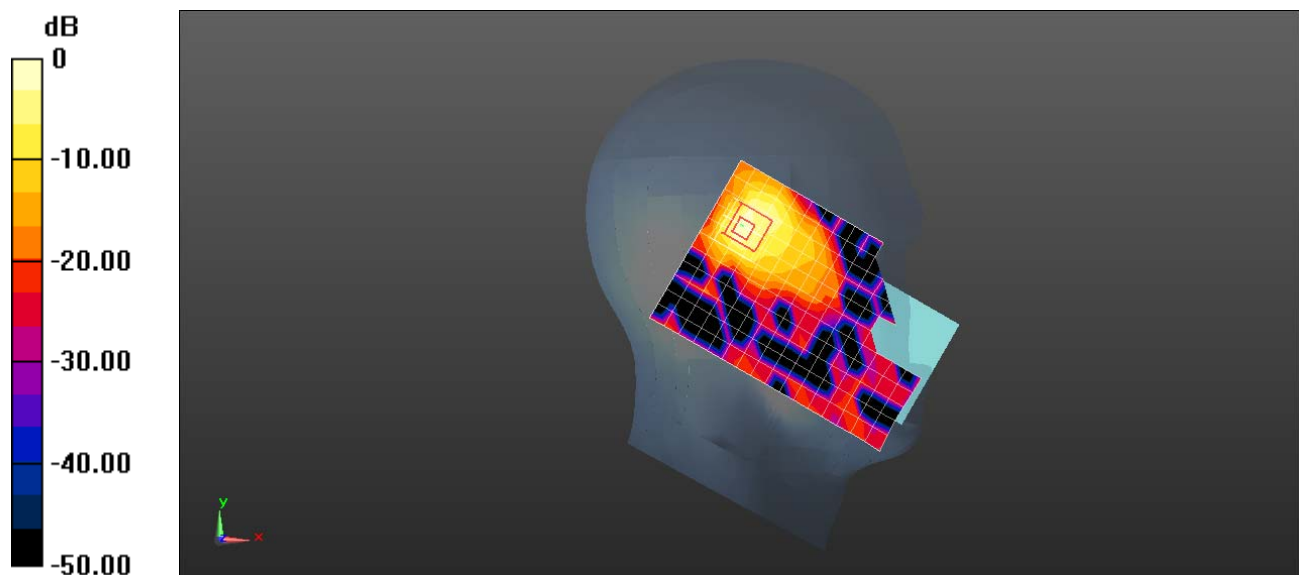
**Configuration/Head/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 2.262 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.709 W/kg

**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.424 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J WiFi 5G 802.11a 6M 60CH Back side 15mm

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

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;  $\sigma = 5.283$  S/m;  $\epsilon_r = 50.509$ ;  $\rho = 1000$  kg/m<sup>3</sup>

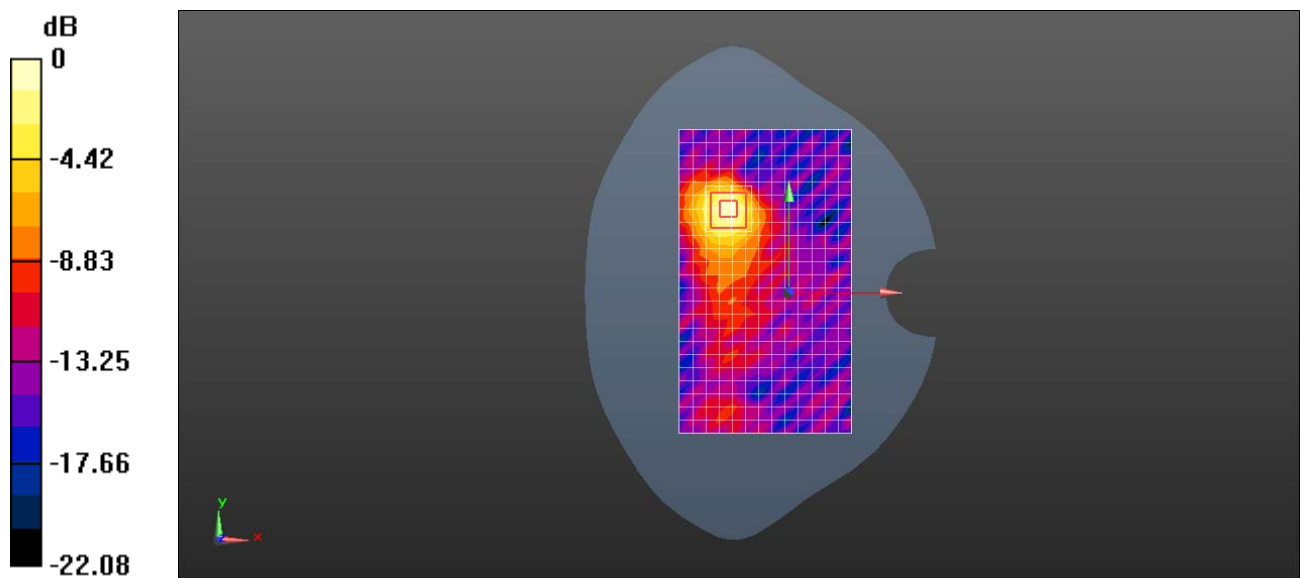
Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3898; ConvF(5.13, 5.13, 5.13); Calibrated: 2017-6-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (14x24x1):** Measurement grid:  $dx=8$ mm,  $dy=8$ mm  
Maximum value of SAR (measured) = 0.388 W/kg

**Configuration/Body/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm  
Reference Value = 2.227 V/m; Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 0.636 W/kg  
**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.063 W/kg**  
Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

### ANE-LX2J WiFi 5G 802.11a 6M 60CH Back side 10mm

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5220 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.164$  S/m;  $\epsilon_r = 50.682$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3898; ConvF(5.13, 5.13, 5.13); Calibrated: 2017-6-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM4; Type: SAM; Serial: TP-1620
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (11x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 1.06 W/kg

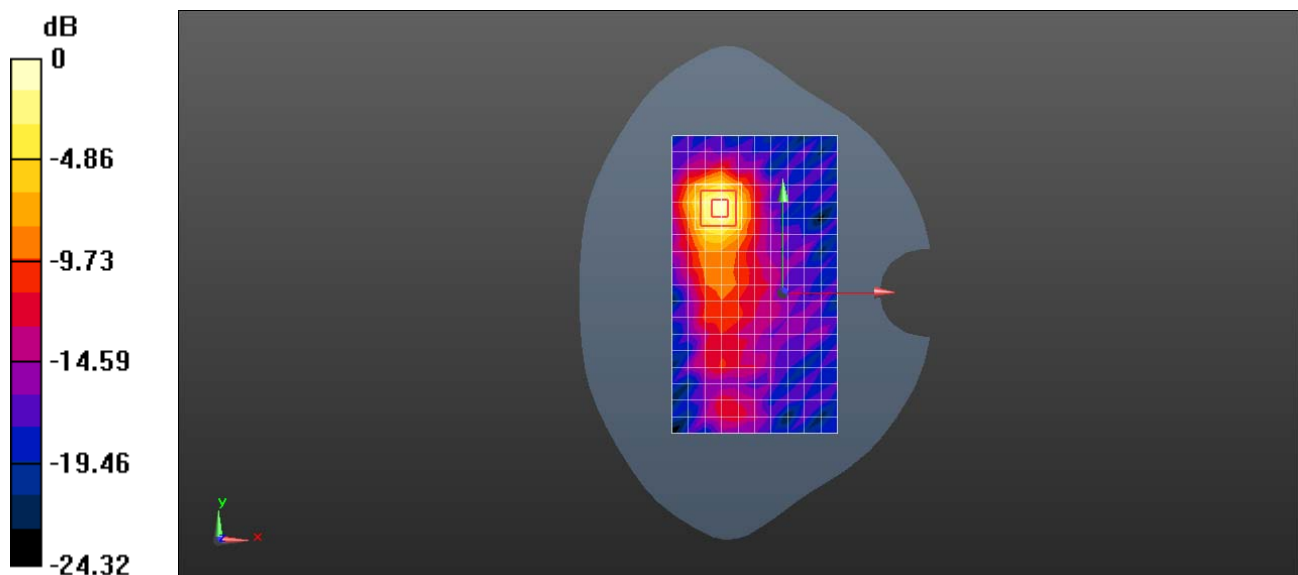
**Configuration/Body/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 3.636 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.181 W/kg**

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



0 dB = 1.06 W/kg = 0.25 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

## ANE-LX2J BT DH5 39CH Left Touch with Battery2

**DUT: ANE-LX2J; Type: Smart Phone; Serial: SAR2**

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

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.797$  S/m;  $\epsilon_r = 40.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3898; ConvF(7.55, 7.55, 7.55); Calibrated: 2017-6-27;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- ε Electronics: DAE4 Sn1236; Calibrated: 2017-7-21
- ε Phantom: SAM3; Type: SAM; Serial: TP-1597
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.0428 W/kg

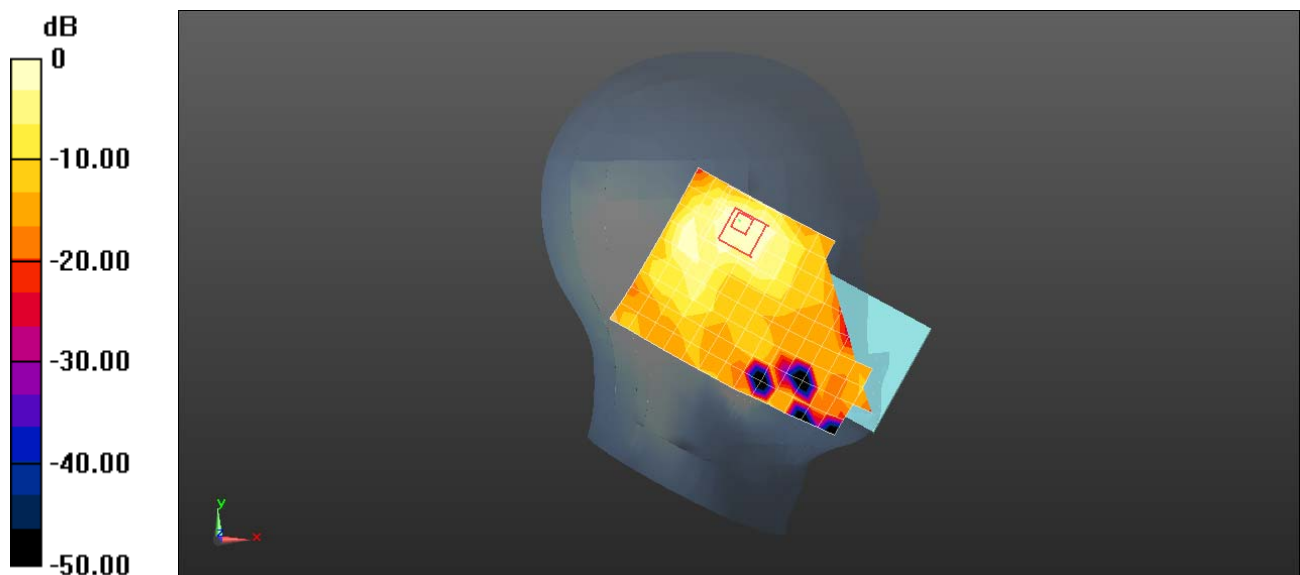
**Configuration/Head/Zoom Scan (8x8x5)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.544 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0810 W/kg

**SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0613 W/kg



0 dB = 0.0428 W/kg = -13.69 dBW/kg