## Appendix B. SAR Measurement Plots

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Date: 2015-9-25

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 GSM850 190CH Left hand touch cheek

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

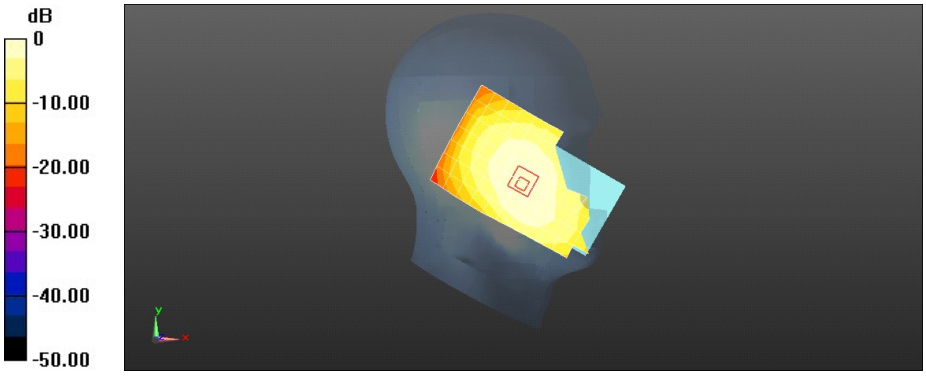
Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; $\sigma$ = 0.877 S/m; $\varepsilon_r$ = 41.166; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.92, 9.92, 9.92); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.328 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.129 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.330 W/kg
**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.224 W/kg**
Maximum value of SAR (measured) = 0.307 W/kg




0 dB = 0.328 W/kg = -4.84 dBW/kg

Date: 2015-10-4

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 GSM850 190CH Back side 15mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

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; $\sigma$ = 1.009 S/m; $\varepsilon_r$ = 57.29; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

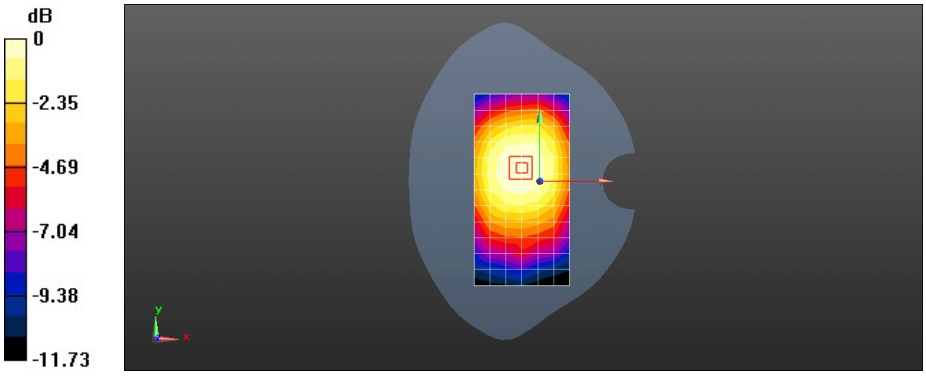
- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.439 W/kg

**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.89 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.482 W/kg
**SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.321 W/kg**

Maximum value of SAR (measured) = 0.436 W/kg




0 dB = 0.439 W/kg = -3.58 dBW/kg

Date: 2015-10-4

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 GSM850 GPRS 2TS 190CH Left side 10mm

**DUT: KIW-L23; 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; $\sigma$ = 1.009 S/m; $\varepsilon_r$ = 57.29; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

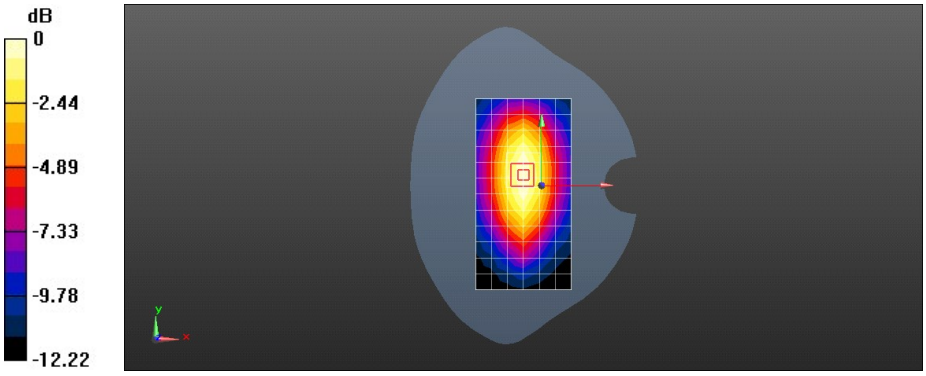
- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm

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

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.15 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.571 W/kg
**SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.307 W/kg**

Maximum value of SAR (measured) = 0.483 W/kg




0 dB = 0.493 W/kg = -3.07 dBW/kg

Date: 2015-9-26

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 GSM1900 512CH Left hand touch cheek

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1850.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 1850.2 MHz; $\sigma$ = 1.382 S/m; $\varepsilon_r$ = 39.21; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

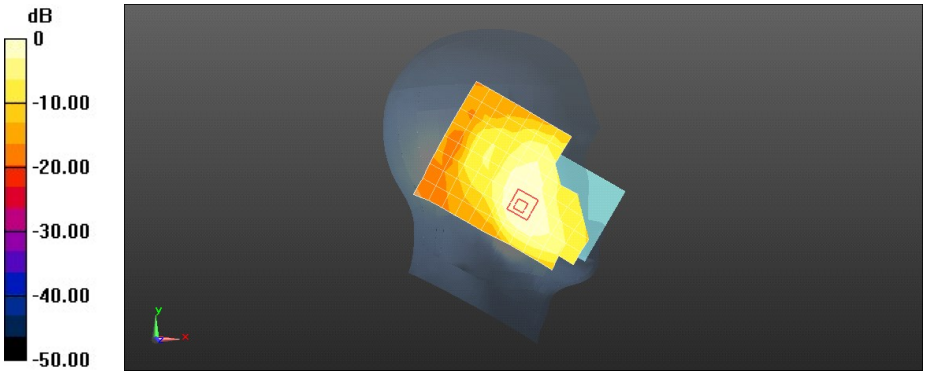
- Probe: EX3DV4 - SN7350; ConvF(8.12, 8.12, 8.12); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.179 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.083 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.219 W/kg
**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.105 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

Date: 2015-9-29

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 GSM1900 661CH Front side 15mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.548 S/m; $\varepsilon_r$ = 51.697; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

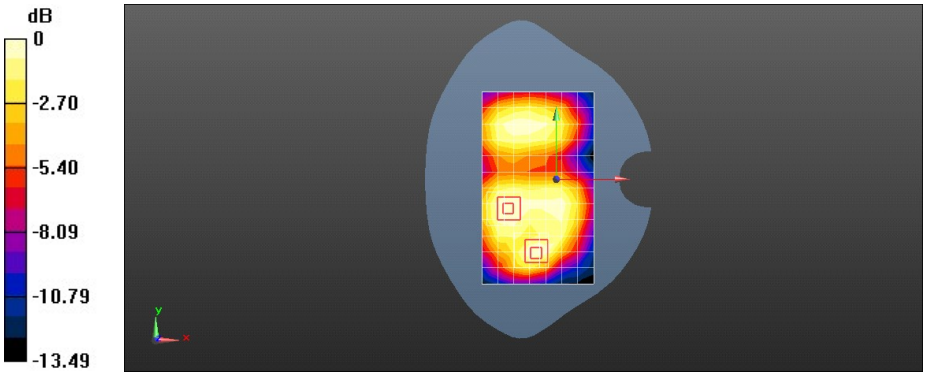
DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.102 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.966 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.128 W/kg
**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.062 W/kg**
Maximum value of SAR (measured) = 0.103 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.966 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.151 W/kg
**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.053 W/kg**
Maximum value of SAR (measured) = 0.107 W/kg




0 dB = 0.102 W/kg = -9.91 dBW/kg

Date: 2015-9-29

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 GSM1900 GPRS 2TS 661CH Front side 10mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

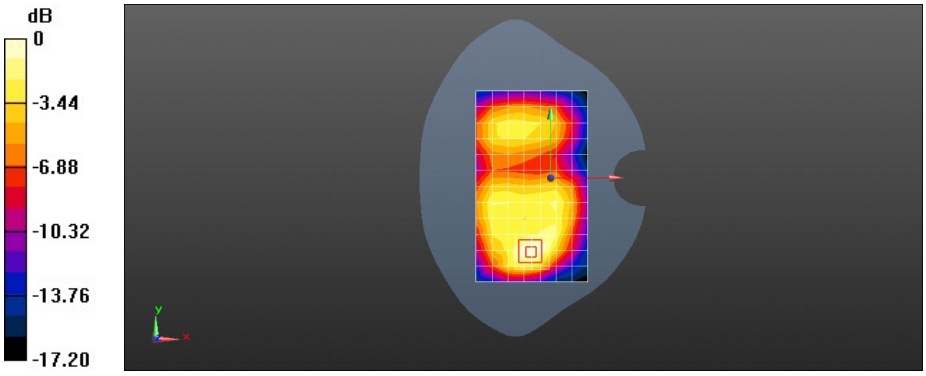
Communication System: UID 0, HW-GSM\GPRS\EGPRS-2TS (0); Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.548 S/m; $\varepsilon_r$ = 51.697; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.216 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.632 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.329 W/kg
**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.109 W/kg**
Maximum value of SAR (measured) = 0.247 W/kg




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

Date: 2015-9-26

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band II 9538CH Left hand touch cheek

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

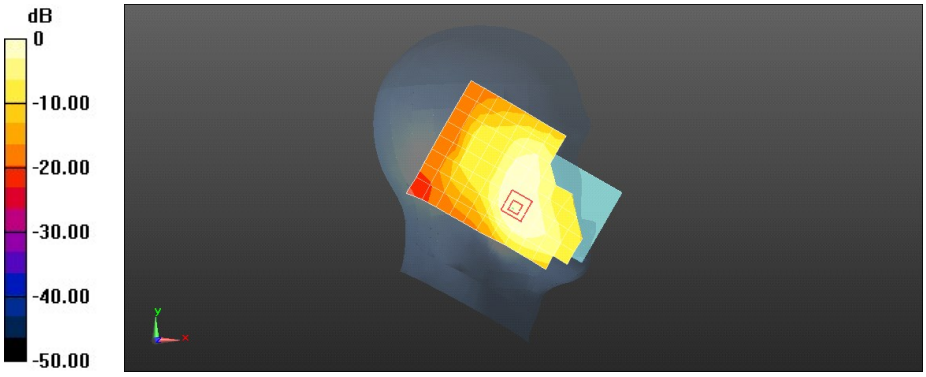
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; $\sigma$ = 1.444 S/m; $\varepsilon_r$ = 38.919; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.12, 8.12, 8.12); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.328 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.418 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.403 W/kg
**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.189 W/kg**




0 dB = 0.328 W/kg = -4.84 dBW/kg

Date: 2015-9-29

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band II 20M 9400CH Front side 15mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.548 S/m; $\varepsilon_r$ = 51.697; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

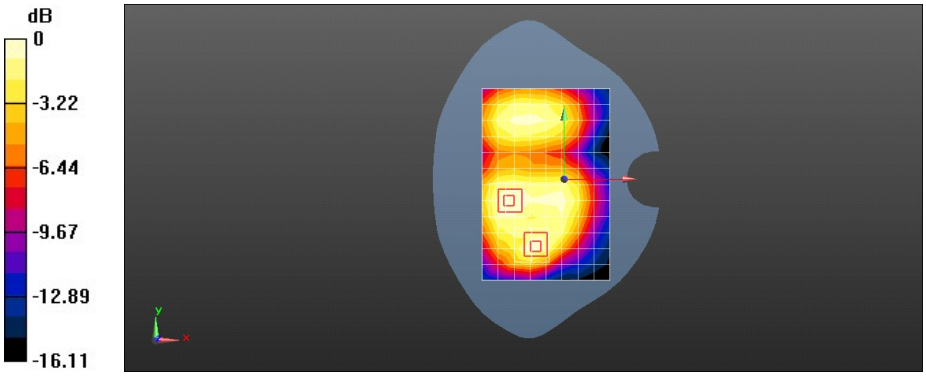
DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- 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) = 0.192 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.949 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.267 W/kg
**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.093 W/kg**

**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.949 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.223 W/kg
**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.107 W/kg**
Maximum value of SAR (measured) = 0.181 W/kg




0 dB = 0.192 W/kg = -7.17 dBW/kg

Date: 2015-9-29

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band II 9400CH Front side 10mm

### DUT: KIW-L23; Type: Smart phone; Serial: SAR1

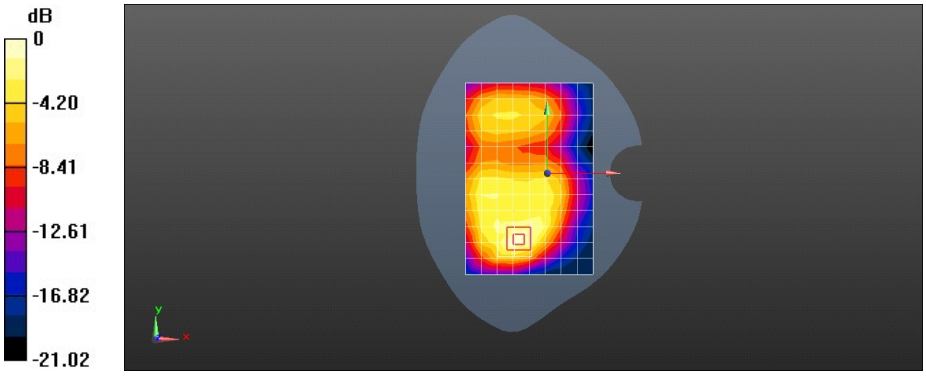
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.548 S/m; $\varepsilon_r$ = 51.697; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- 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) = 0.460 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.242 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.659 W/kg
**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.219 W/kg**
Maximum value of SAR (measured) = 0.476 W/kg




0 dB = 0.460 W/kg = -3.37 dBW/kg

Date: 2015-10-9

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band IV 1312CH Right hand touch cheek

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; $\sigma$ = 1.35 S/m; $\varepsilon_r$ = 40.045; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

DASY Configuration:

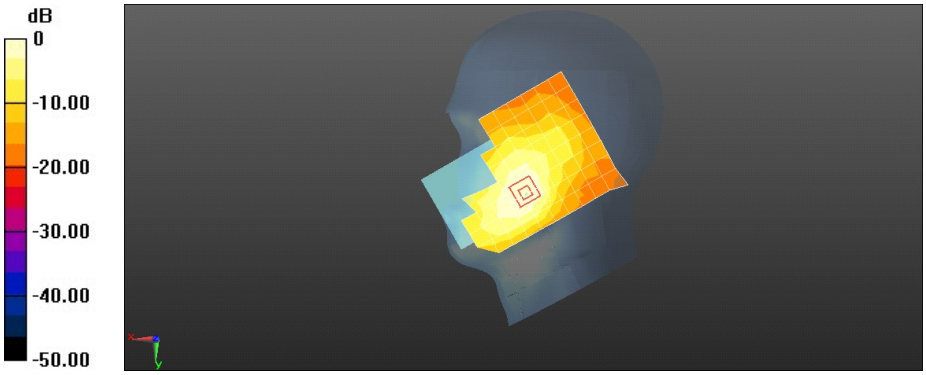
- Probe: EX3DV4 - SN7350; ConvF(8.29, 8.29, 8.29); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.246 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.354 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.282 W/kg
**SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.150 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.251 W/kg




0 dB = 0.246 W/kg = -6.09 dBW/kg

Date: 2015-10-8

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band IV 1413CH Back side 15mm with battery 2#

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

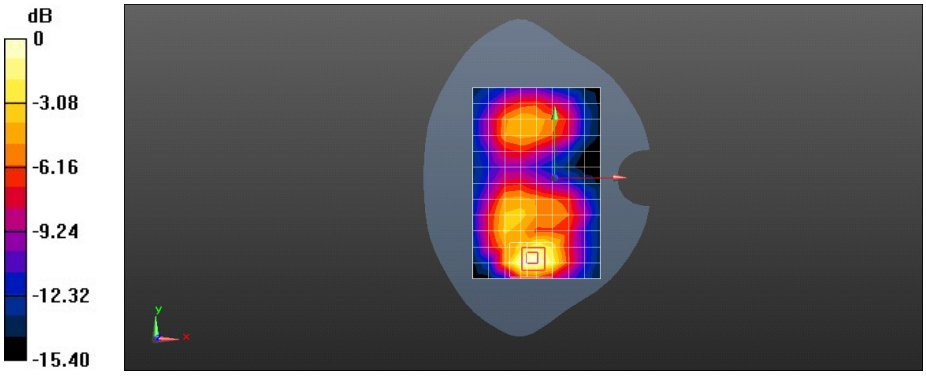
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; $\sigma$ = 1.496 S/m; $\varepsilon_r$ = 52.101; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.07, 8.07, 8.07); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- 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) = 0.282 W/kg

**Configuration/Body/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.078 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.470 W/kg
**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.139 W/kg**
Maximum value of SAR (measured) = 0.328 W/kg




0 dB = 0.282 W/kg = -5.50 dBW/kg

Date: 2015-10-8

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band IV 1413CH Bottom side 10mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

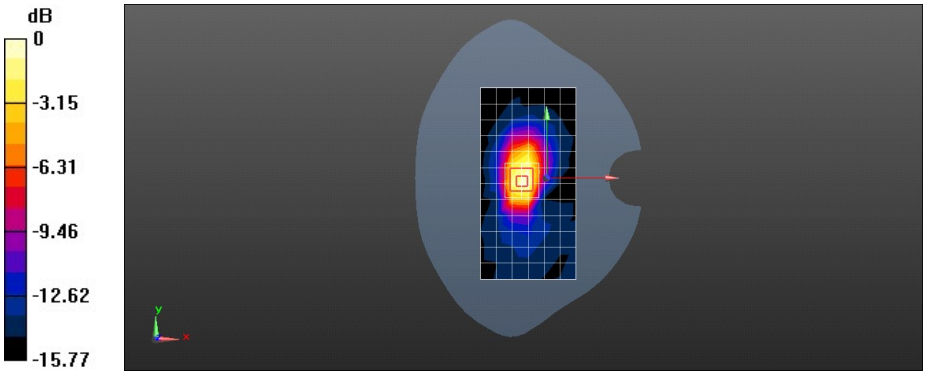
Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; $\sigma$ = 1.496 S/m; $\varepsilon_r$ = 52.101; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.07, 8.07, 8.07); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.516 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.36 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.808 W/kg
**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.284 W/kg**
Maximum value of SAR (measured) = 0.637 W/kg




0 dB = 0.516 W/kg = -2.87 dBW/kg

Date: 2015-9-26

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band V 4182CH Left hand touch cheek

**DUT: KIW-L23; 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; $\sigma$ = 0.876 S/m; $\varepsilon_r$ = 41.17; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

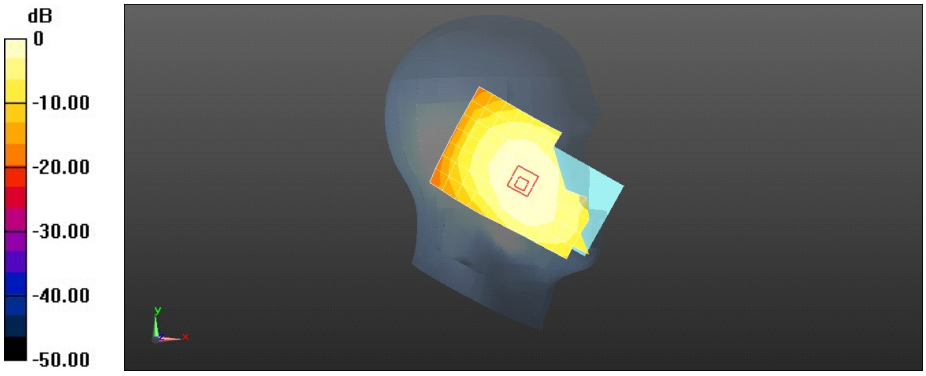
- Probe: EX3DV4 - SN7350; ConvF(9.92, 9.92, 9.92); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.276 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.126 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.283 W/kg
**SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.193 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.262 W/kg




0 dB = 0.276 W/kg = -5.59 dBW/kg

Date: 2015-9-30

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band V 4182CH Back side 15mm with battery 2#

**DUT: KIW-L23; 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; $\sigma$ = 0.997 S/m; $\varepsilon_r$ = 56.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

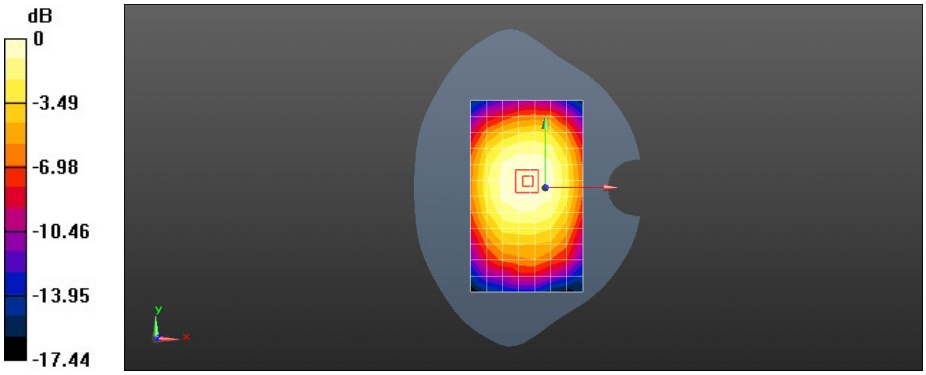
- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.408 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.52 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.439 W/kg
**SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.290 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.399 W/kg




0 dB = 0.408 W/kg = -3.89 dBW/kg

Date: 2015-9-30

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 UMTS Band V 4182CH Left side 10mm

**DUT: KIW-L23; 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; $\sigma$ = 0.997 S/m; $\varepsilon_r$ = 56.8; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

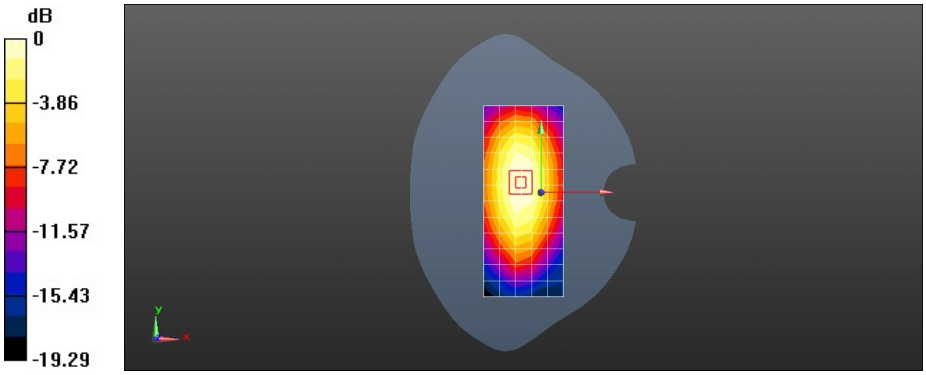
- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.420 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.21 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.530 W/kg
**SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.278 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.450 W/kg




0 dB = 0.420 W/kg = -3.77 dBW/kg

Date: 2015-9-27

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band II 20M QPSK 1RB#50 19100CH Left hand touch cheek

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

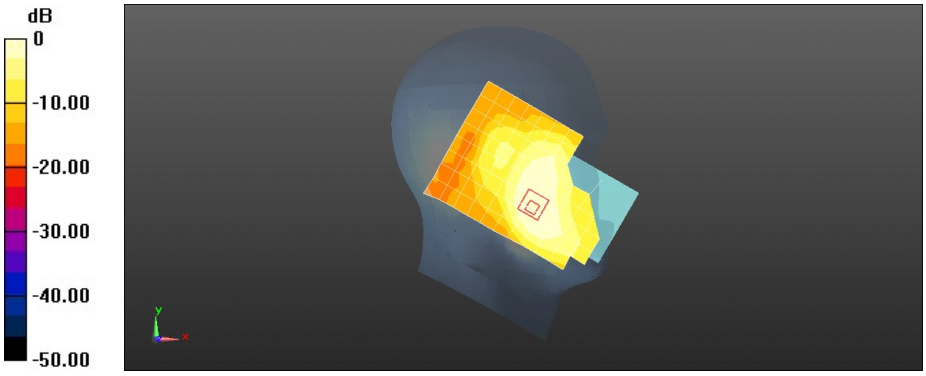
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.434 S/m; $\varepsilon_r$ = 38.93; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.12, 8.12, 8.12); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.273 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.743 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.339 W/kg
**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.157 W/kg**
Maximum value of SAR (measured) = 0.275 W/kg




0 dB = 0.273 W/kg = -5.64 dBW/kg

Date: 2015-9-28

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band II 20M QPSK 1RB#50 18700CH Back side 15mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; $\sigma$ = 1.534 S/m; $\varepsilon_r$ = 51.857; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

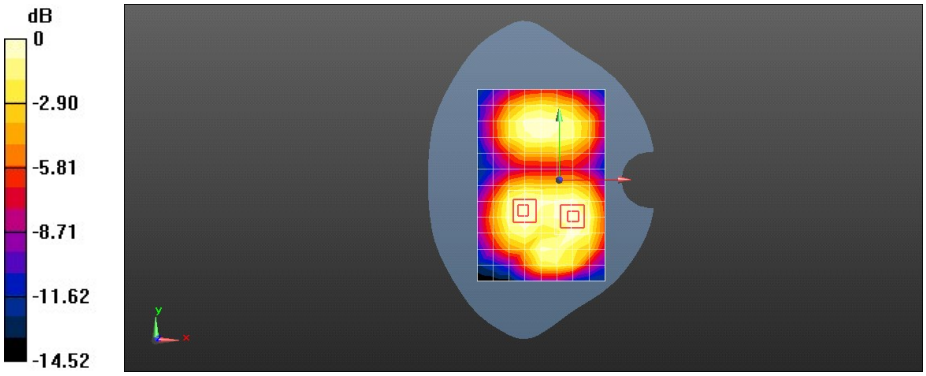
DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- 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) = 0.155 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.407 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.191 W/kg
**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.090 W/kg**
Maximum value of SAR (measured) = 0.152 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.407 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.182 W/kg
**SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.087 W/kg**
Maximum value of SAR (measured) = 0.148 W/kg




0 dB = 0.155 W/kg = -8.10 dBW/kg

Date: 2015-9-28

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band II 20M QPSK 1RB#50 18700CH Back side 10mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; $\sigma$ = 1.534 S/m; $\varepsilon_r$ = 51.857; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

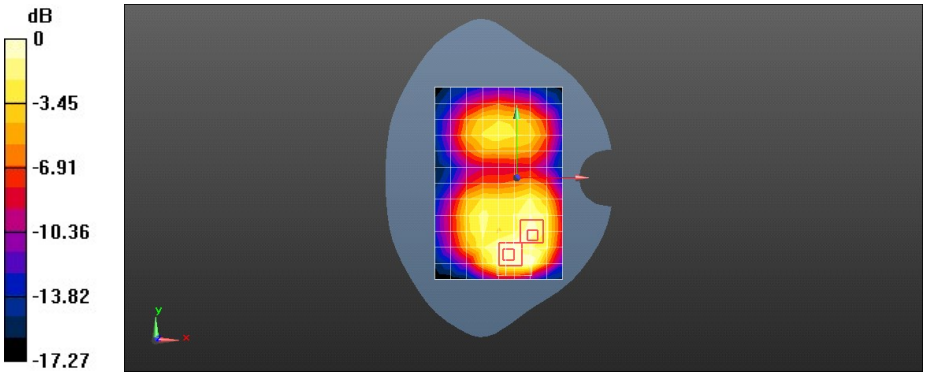
DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- 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) = 0.322 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.328 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.578 W/kg
**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.181 W/kg**
Maximum value of SAR (measured) = 0.391 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.328 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.441 W/kg
**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.173 W/kg**
Maximum value of SAR (measured) = 0.327 W/kg




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

Date: 2015-10-8

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band IV 20M QPSK 1RB#50 20175CH Right hand touch cheek with Battery 2#

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.37 S/m; $\varepsilon_r$ = 39.957; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

DASY Configuration:

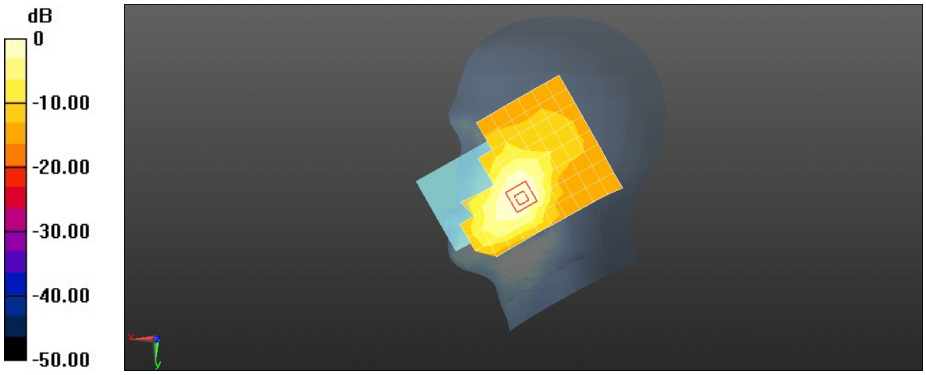
- Probe: EX3DV4 - SN7350; ConvF(8.29, 8.29, 8.29); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.196 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.499 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.219 W/kg
**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.123 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.203 W/kg




0 dB = 0.196 W/kg = -7.08 dBW/kg

Date: 2015-10-7

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band IV 20M QPSK 1RB#0 20300CH Back side 15mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.497 S/m; $\varepsilon_r$ = 52.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.07, 8.07, 8.07); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

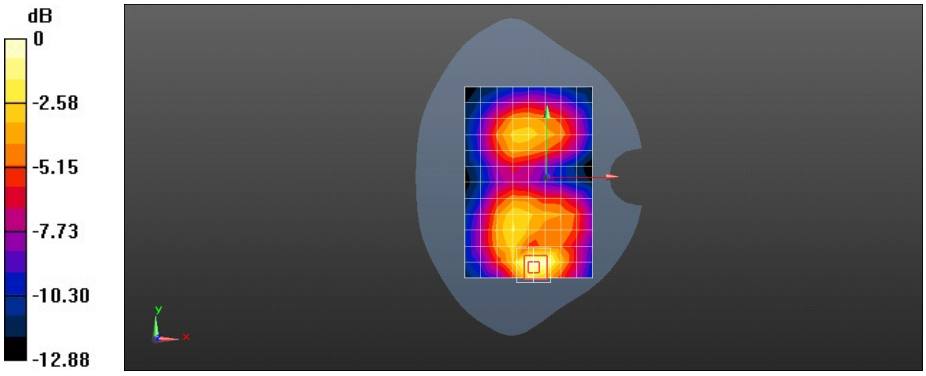
Info: Interpolated medium parameters used for SAR evaluation.

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

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.595 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.441 W/kg
**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.112 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.300 W/kg




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

Date: 2015-10-7

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band IV 20M QPSK 50%RB#25 20175CH Bottom side 10mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; $\sigma$ = 1.497 S/m; $\varepsilon_r$ = 52.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.07, 8.07, 8.07); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

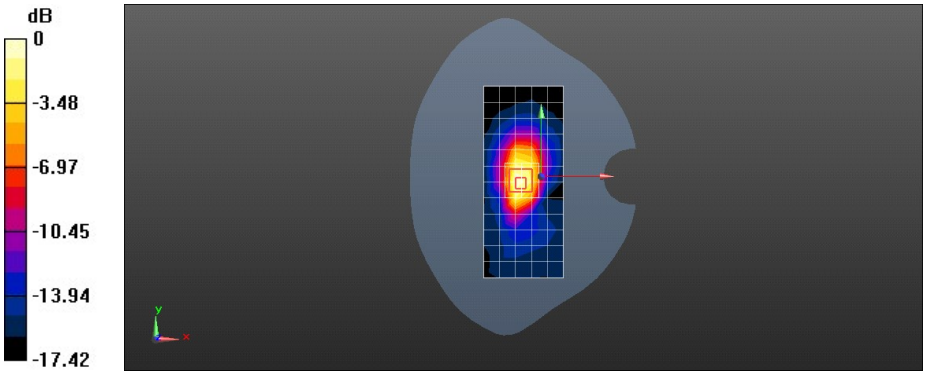
Info: Interpolated medium parameters used for SAR evaluation.

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

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.80 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.938 W/kg
**SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.312 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.702 W/kg




0 dB = 0.609 W/kg = -2.15 dBW/kg

Date: 2015-9-26

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band V 10M QPSK 1RB#0 20600CH Left hand touch cheek

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

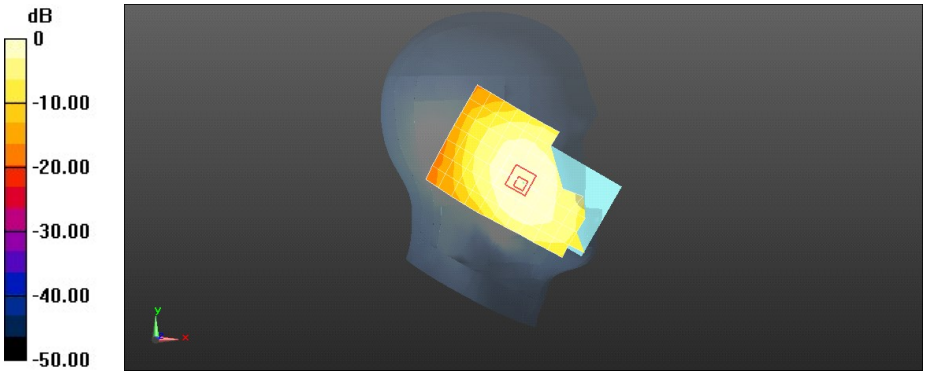
Communication System: UID 0, LTE-FDD (SC-FDMA, 10MHz, QPSK/16-QAM) (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; $\sigma$ = 0.882 S/m; $\varepsilon_r$ = 41.113; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.92, 9.92, 9.92); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.231 W/kg

**Configuration/Head/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.839 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.238 W/kg
**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.164 W/kg**
Maximum value of SAR (measured) = 0.219 W/kg




0 dB = 0.231 W/kg = -6.36 dBW/kg

Date: 2015-9-29

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band V 10M QPSK 1RB#0 20525CH Back side 15mm with battery 2#

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

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; $\sigma$ = 0.997 S/m; $\varepsilon_r$ = 56.797; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

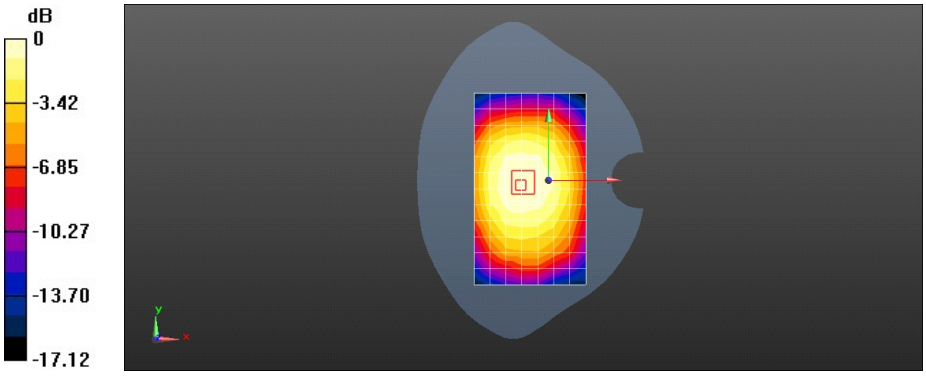
- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.327 W/kg

**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.42 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.363 W/kg
**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.238 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.




0 dB = 0.327 W/kg = -4.85 dBW/kg

Date: 2015-9-30

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band V 10M QPSK 1RB#0 20525CH Right side 10mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

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; $\sigma$ = 0.997 S/m; $\varepsilon_r$ = 56.797; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

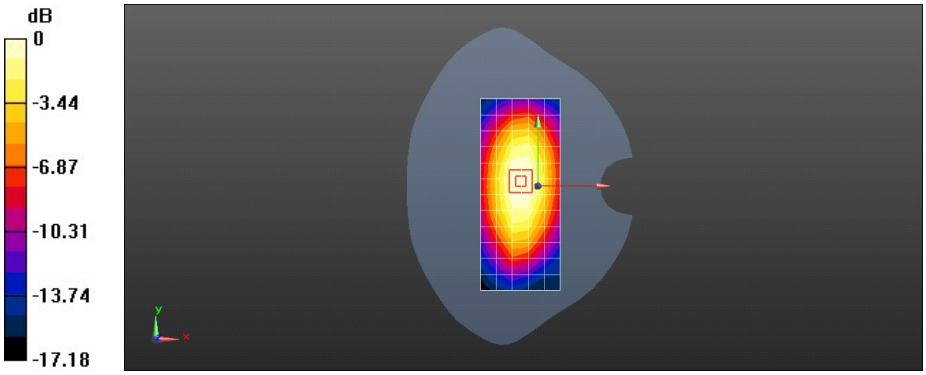
- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.373 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.19 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.460 W/kg
**SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.240 W/kg**

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.390 W/kg




0 dB = 0.373 W/kg = -4.28 dBW/kg

Date: 2015-10-6

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band VII 20M QPSK 1RB#99 20850CH Left hand touch cheek

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; $\sigma$ = 1.865 S/m; $\varepsilon_r$ = 37.913; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

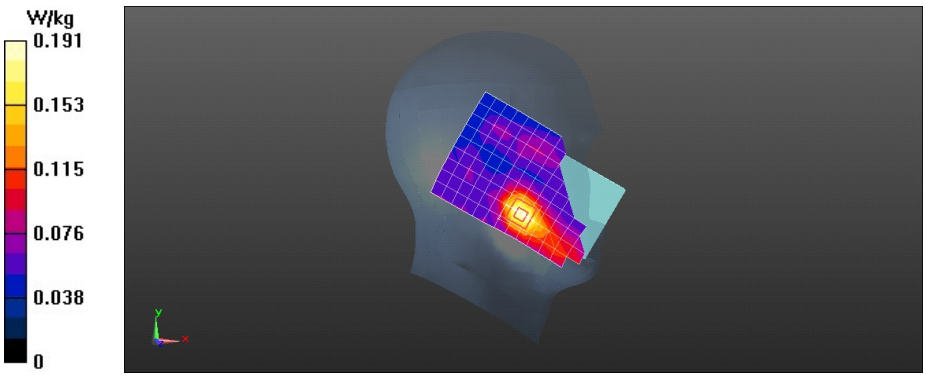
- Probe: EX3DV4 - SN7350; ConvF(7.1, 7.1, 7.1); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

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

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.930 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.209 W/kg
**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.094 W/kg**

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



Date: 2015-10-6

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band VII 20M QPSK 1RB#0 21100CH Front side 15mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

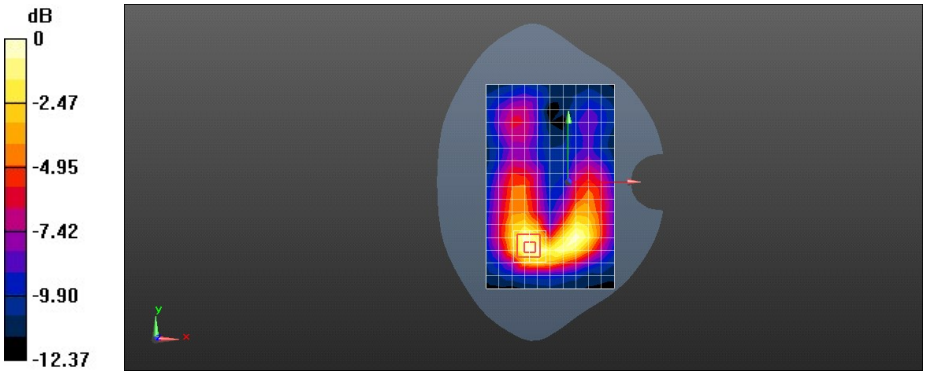
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; $\sigma$ = 2.154 S/m; $\varepsilon_r$ = 51.158; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.15, 7.15, 7.15); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.251 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.296 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.382 W/kg
**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.110 W/kg**
Maximum value of SAR (measured) = 0.260 W/kg




0 dB = 0.251 W/kg = -6.00 dBW/kg

Date: 2015-10-5

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 LTE Band VII 20M QPSK 1RB#0 21100CH Bottom side 10mm

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

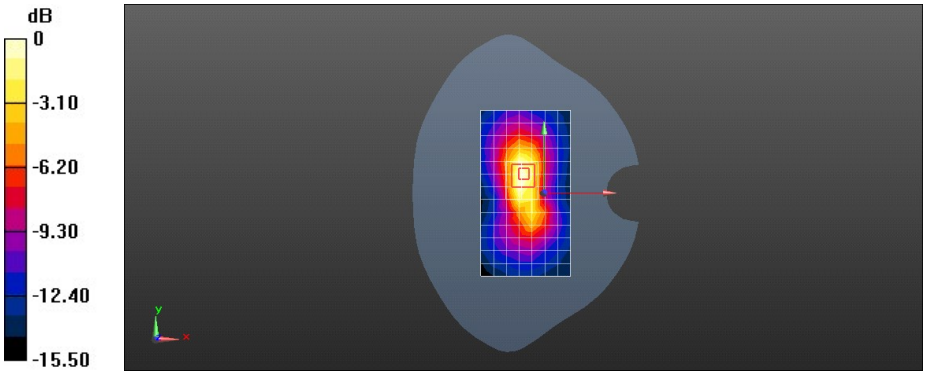
Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; $\sigma$ = 2.154 S/m; $\varepsilon_r$ = 51.158; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.15, 7.15, 7.15); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (8x14x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.593 W/kg

**Configuration/Body/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.56 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.882 W/kg
**SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.254 W/kg**
Maximum value of SAR (measured) = 0.632 W/kg




0 dB = 0.593 W/kg = -2.27 dBW/kg

Date: 2015-11-7

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L23 WiFi 2.4G 802.11b 1CH Left hand touch cheek with battery 2#

**DUT: KIW-L23; Type: Smart phone; Serial: SAR1**

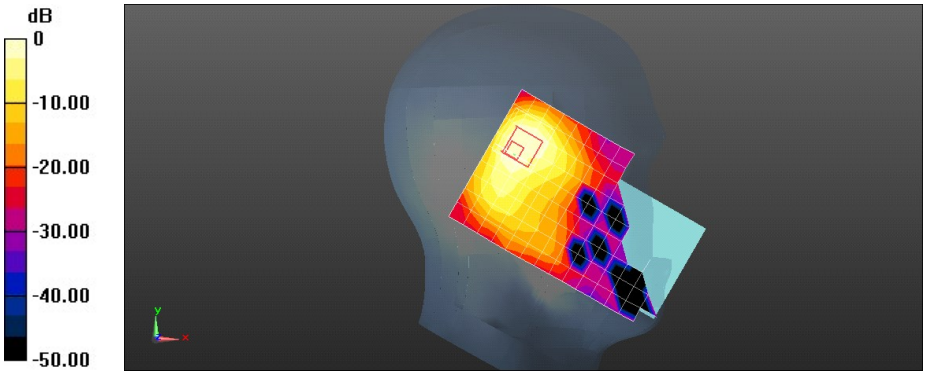
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.792 S/m; $\varepsilon_r$ = 40.591; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.7, 6.7, 6.7); Calibrated: 2015-4-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (10x15x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.602 W/kg

**Configuration/Head/Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.98 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.33 W/kg
**SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.263 W/kg**
Maximum value of SAR (measured) = 0.767 W/kg




0 dB = 0.602 W/kg = -2.20 dBW/kg

Date: 2015-11-7

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L22 WiFi 2.4G 802.11b 11CH Front side 15mm

**DUT: KIW-L23; Type: Smart Phone; Serial: SAR1**

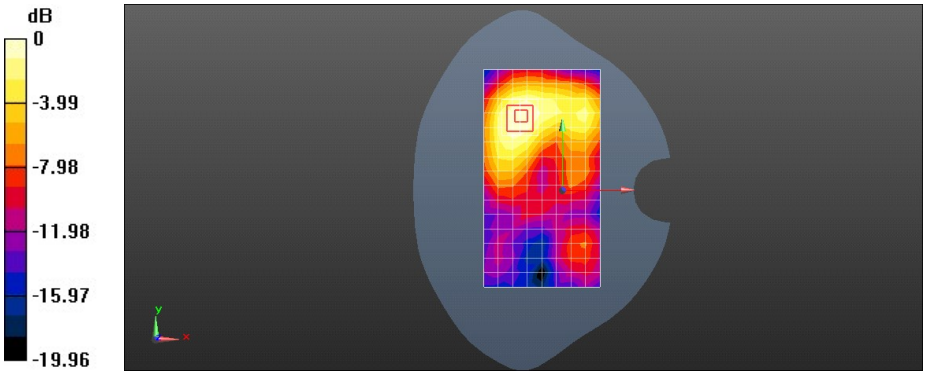
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; $\sigma$ = 2.04 S/m; $\varepsilon_r$ = 50.682; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.79, 6.79, 6.79); Calibrated: 2015-4-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x16x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.135 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.457 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.212 W/kg
**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.067 W/kg**
Maximum value of SAR (measured) = 0.147 W/kg




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

Date: 2015-11-8

Test Laboratory: HUAWEI SAR/HAC Lab

## KIW-L22 WiFi 2.4G 802.11b 11CH Top side 10mm

**DUT: KIW-L23; Type: Smart Phone; Serial: SAR1**

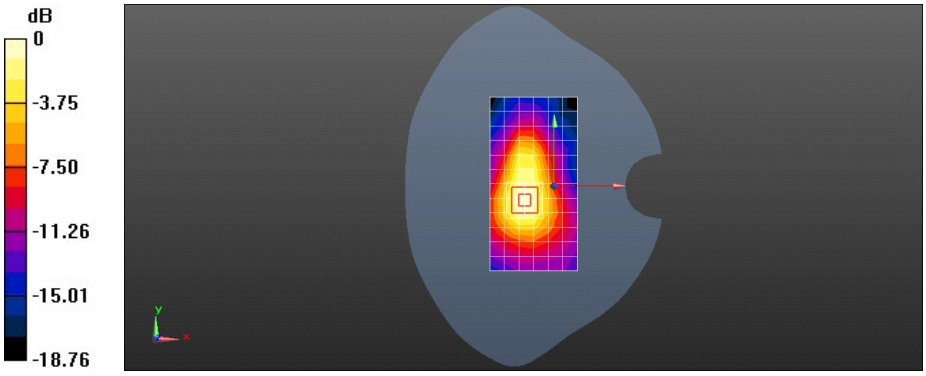
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; $\sigma$ = 2.04 S/m; $\varepsilon_r$ = 50.682; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(6.79, 6.79, 6.79); Calibrated: 2015-4-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.301 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.13 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.483 W/kg
**SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.139 W/kg**
Maximum value of SAR (measured) = 0.328 W/kg




0 dB = 0.301 W/kg = -5.21 dBW/kg