



Appendix B. SAR Measurement Plots

Table of contents
GSM 850 MHz Head
GSM 850 MHz Body
GSM 1900 MHz Head
GSM 1900 MHz Body
UMTS Band V Head
UMTS Band V Body
WiFi 2450MHz Head
WiFi 2450MHz Body

Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM850 190CH Right hand touch cheek with battery 1#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.693$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.95, 8.95, 8.95); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.471 W/kg

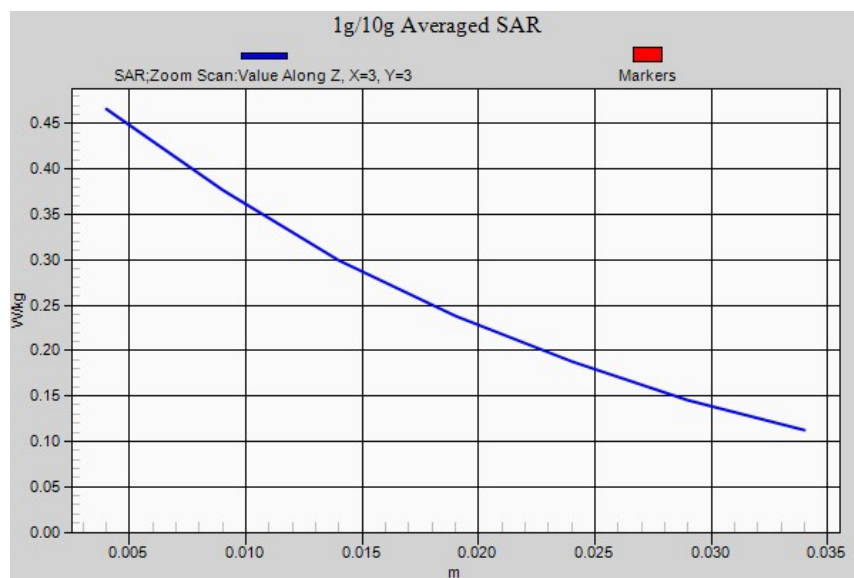
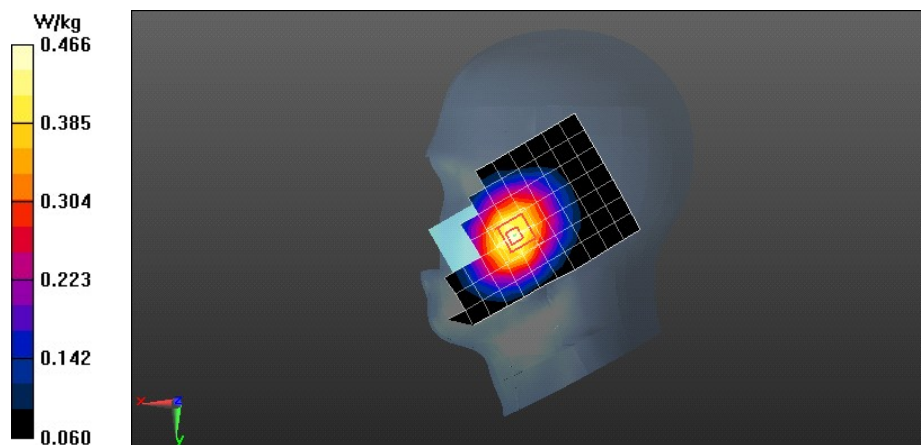
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.965 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.543 mW/g

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.466 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM850 190CH Right hand touch cheek with battery 2#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.693$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.95, 8.95, 8.95); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.464 W/kg

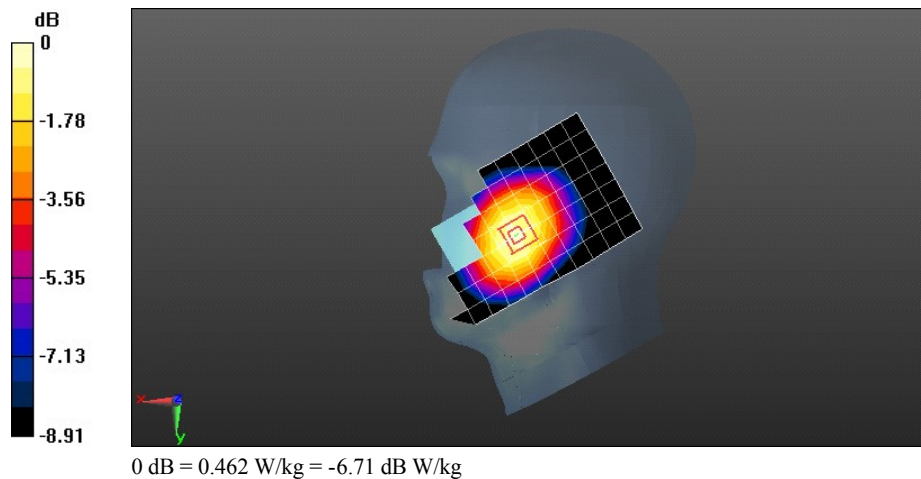
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.813 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.548 mW/g

SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.462 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM850 190CH Right hand touch cheek with battery 3#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.693$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.95, 8.95, 8.95); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.459 W/kg

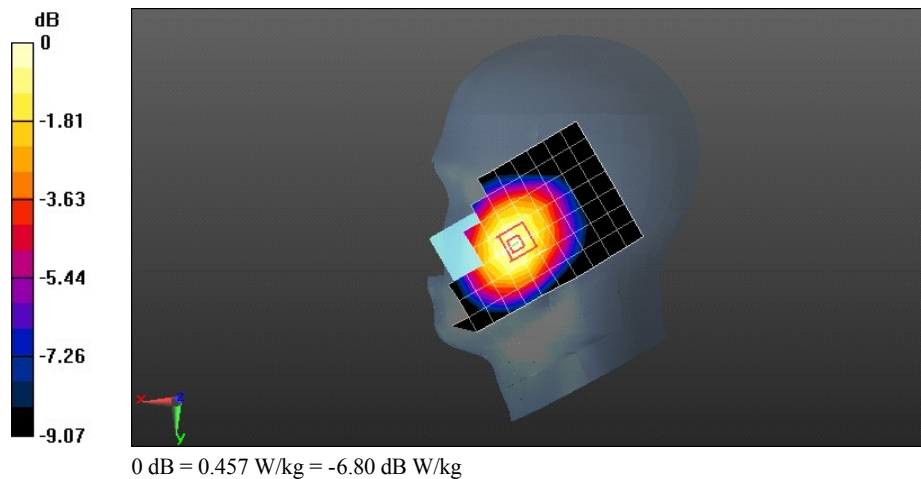
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.745 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.542 mW/g

SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.457 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM850 GPRS 2TS 190CH Towards Ground 10mm with battery 1#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.07 W/kg

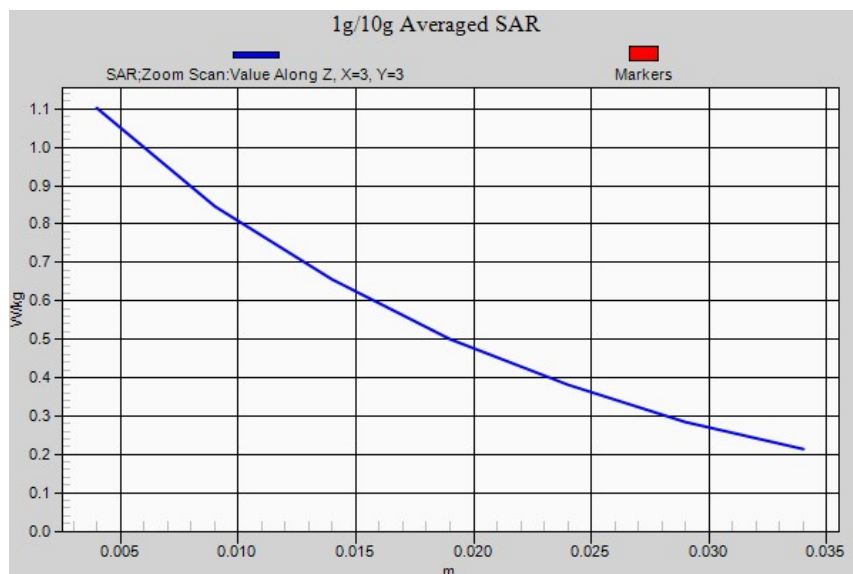
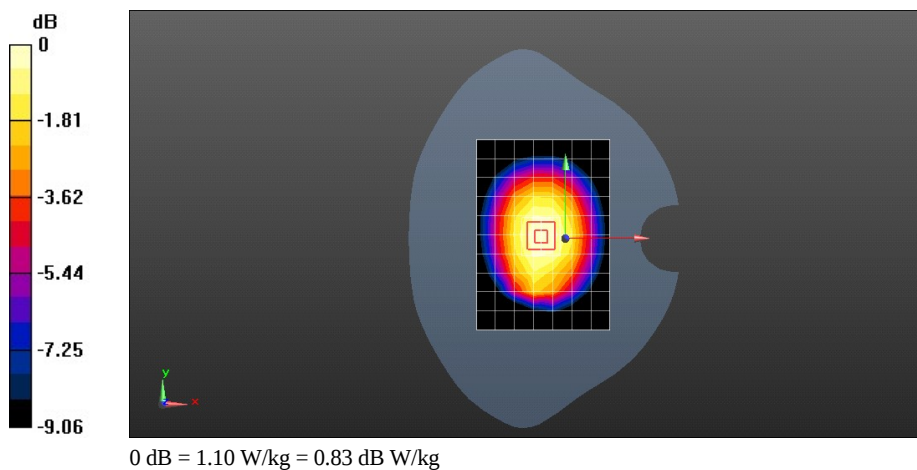
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.492 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.358 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.778 mW/g

Maximum value of SAR (measured) = 1.10 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM850 GPRS 2TS 190CH Towards Ground 10mm with battery 2#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.05 W/kg

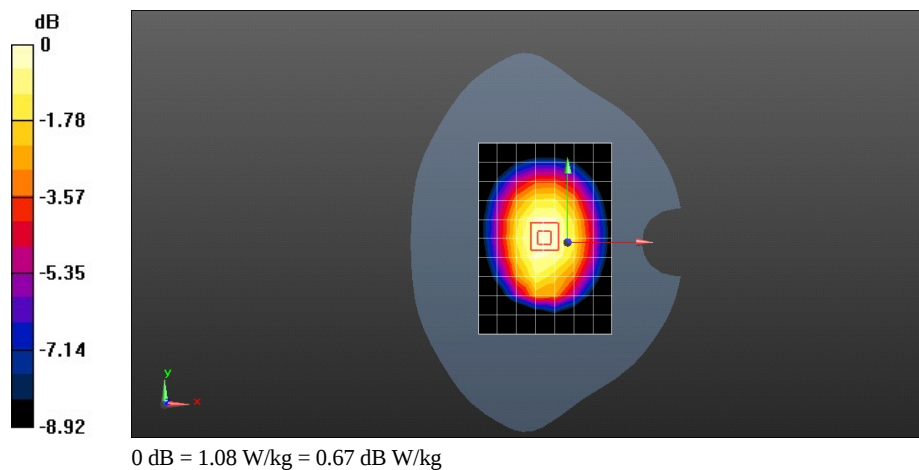
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.518 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.300 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.765 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM850 GPRS 2TS 190CH Towards Ground 10mm with battery 3#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 837$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 53.154$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3736; ConvF(8.98, 8.98, 8.98); Calibrated: 4/26/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn852; Calibrated: 11/16/2011
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

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

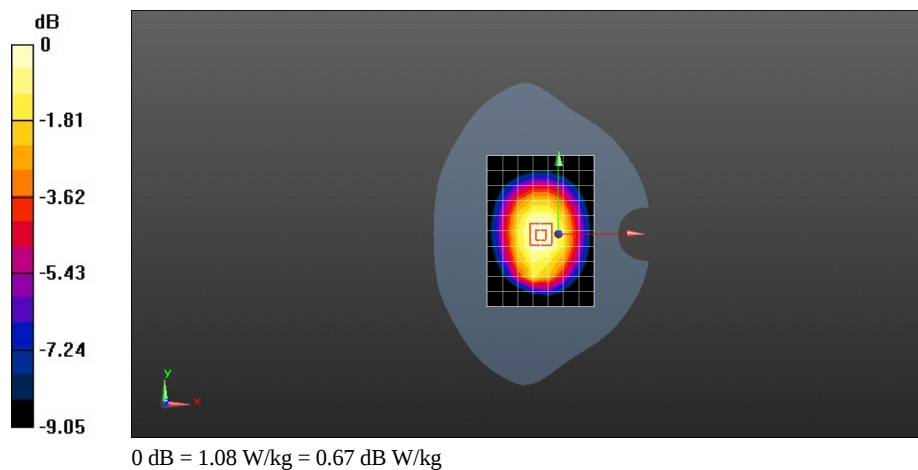
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.437 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.322 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.764 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM1900 661CH Left hand touch cheek with battery 1#**DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.426$ mho/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.63, 7.63, 7.63); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.225 W/kg

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

Reference Value = 5.378 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.356 mW/g

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.234 W/kg

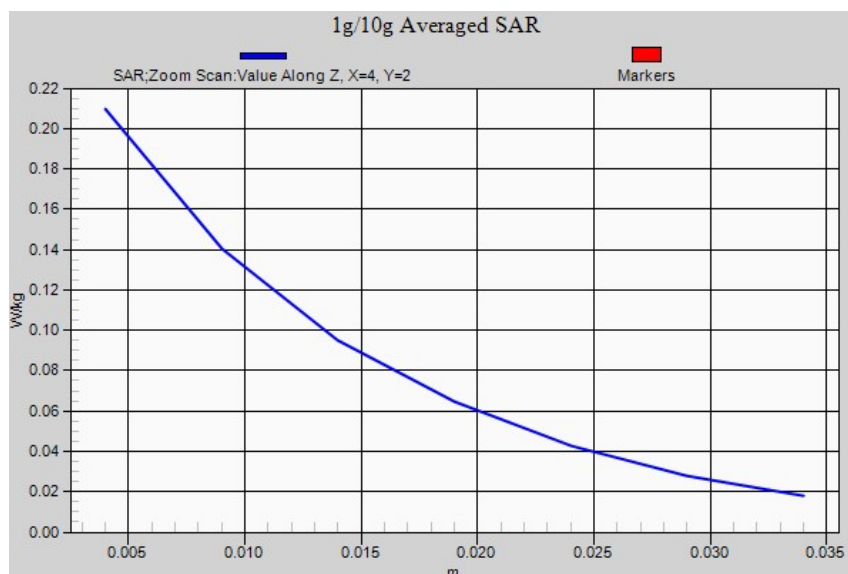
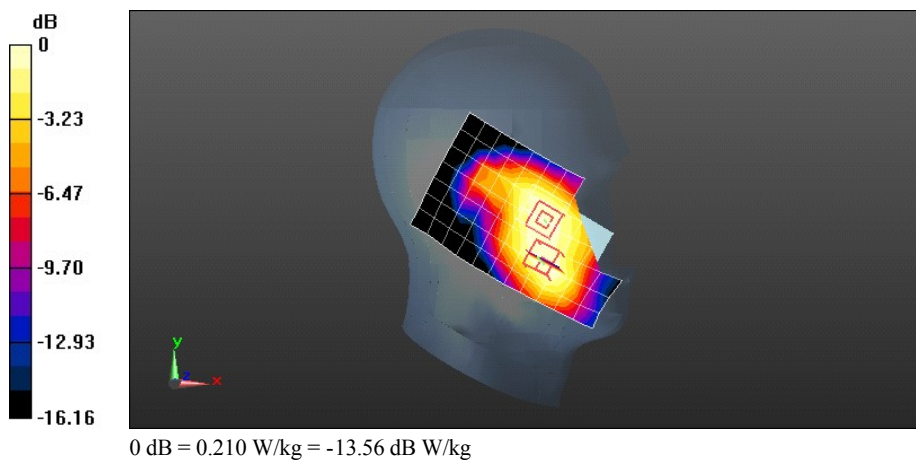
Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.378 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.293 mW/g

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.210 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM1900 661CH Left hand touch cheek with battery 2#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.426$ mho/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.63, 7.63, 7.63); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.207 W/kg

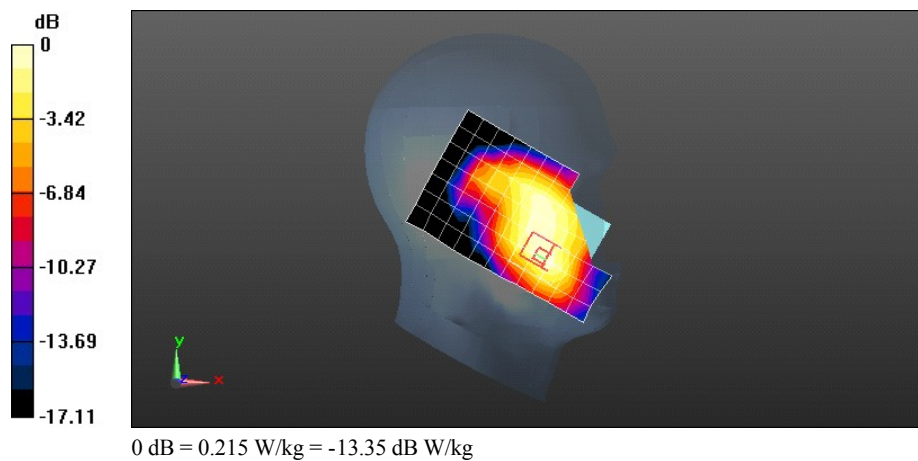
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.880 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.325 mW/g

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.215 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM1900 661CH Left hand touch cheek with battery 3#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.426$ mho/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.63, 7.63, 7.63); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

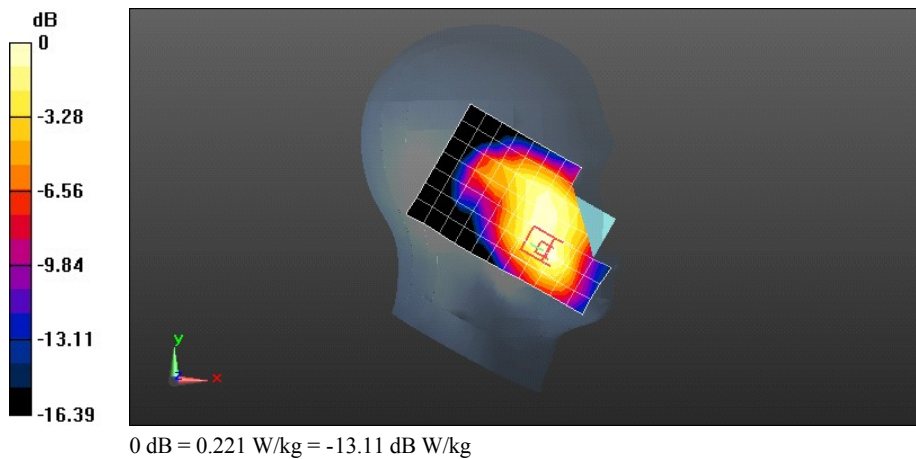
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.662 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.333 mW/g

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.120 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm with battery 1#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r = 53.794$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.867 W/kg

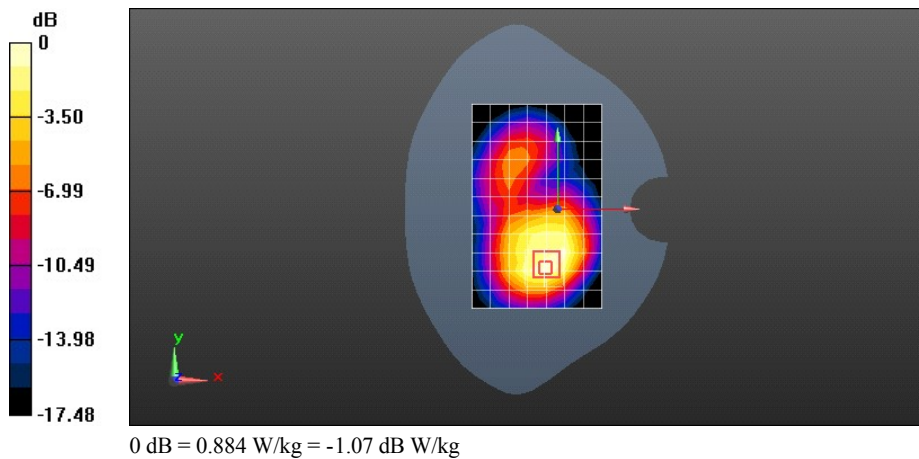
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.081 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.295 mW/g

SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.884 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm with battery 2#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r = 53.794$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.770 W/kg

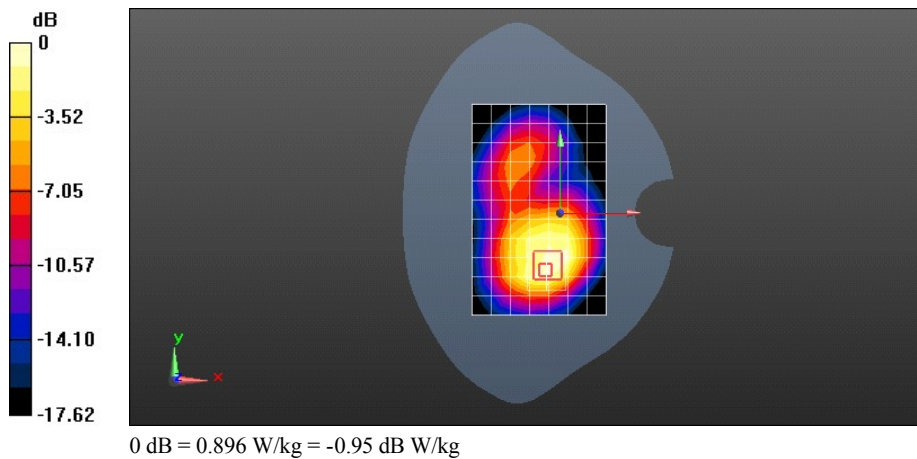
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.631 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.374 mW/g

SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 0.896 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 GSM1900 EGPRS 2TS 661CH Towards Ground 10mm with battery 3#**DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz; Duty Cycle: 1:4.10015

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.493$ mho/m; $\epsilon_r = 53.794$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.39, 7.39, 7.39); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.796 W/kg

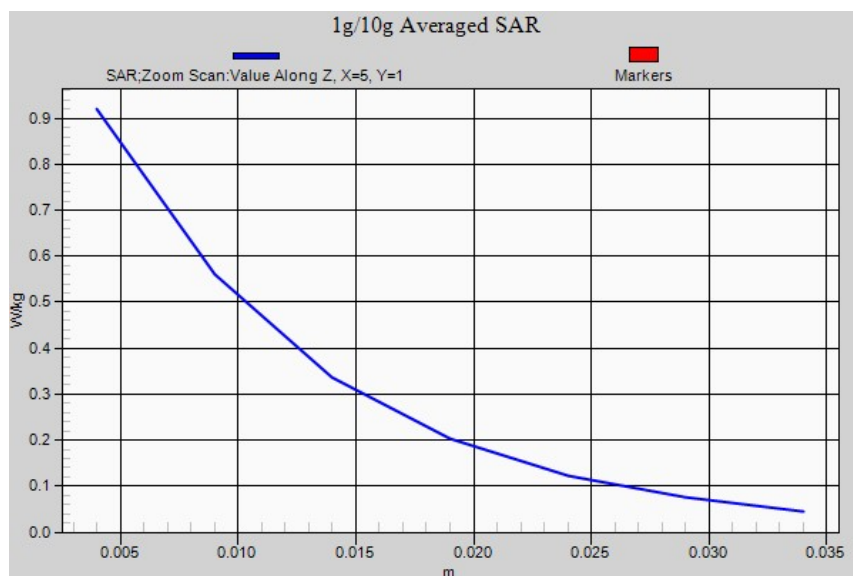
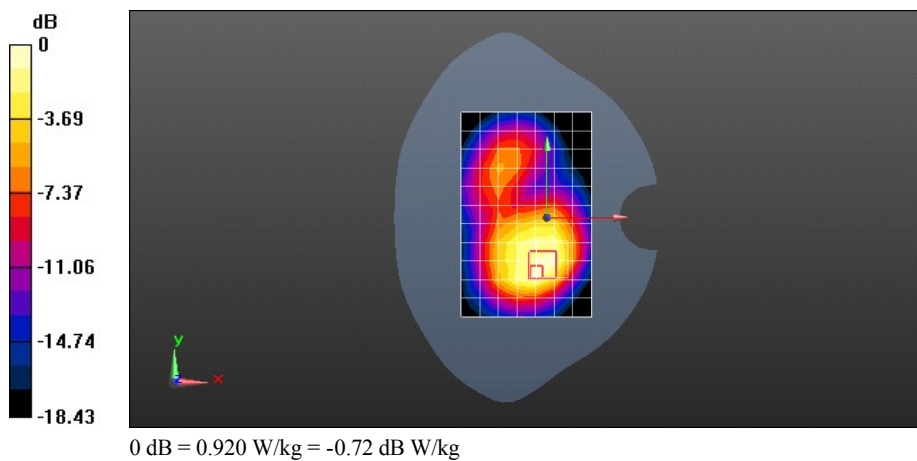
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.462 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.338 mW/g

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.460 mW/g

Maximum value of SAR (measured) = 0.920 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 UMTS Band V 4182CH Left hand touch cheek with battery 1#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 41.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.95, 8.95, 8.95); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.497 W/kg

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

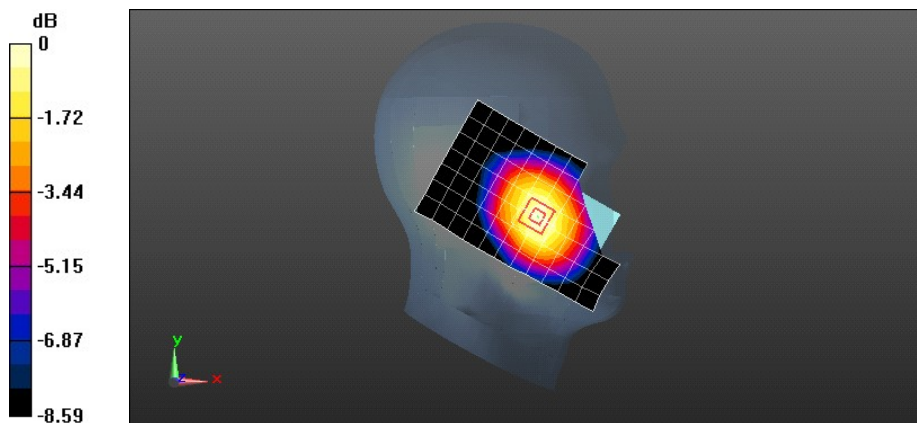
Reference Value = 9.644 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.598 mW/g

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.360 mW/g

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

Maximum value of SAR (measured) = 0.506 W/kg



0 dB = 0.506 W/kg = -5.92 dB W/kg

Test Laboratory: HUAWEI SAR Lab

U8815-71 UMTS Band V 4182CH Left hand touch cheek with battery 2#**DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 41.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.95, 8.95, 8.95); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.508 W/kg

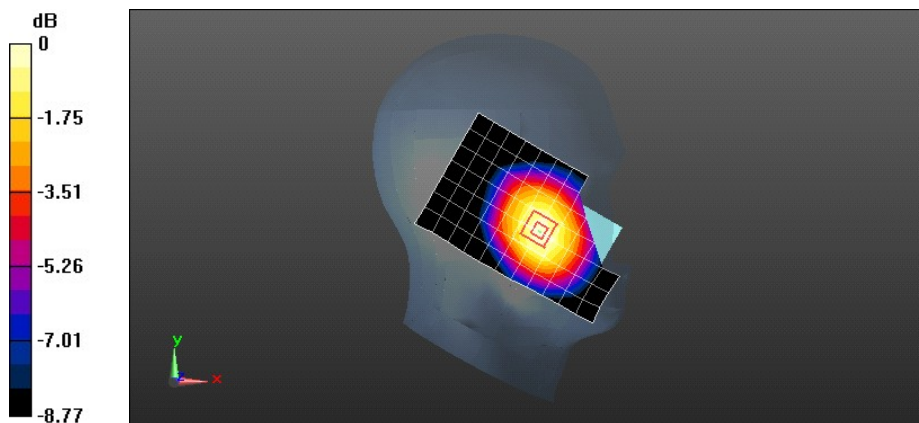
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.679 V/m; Power Drift = -0.08 dB

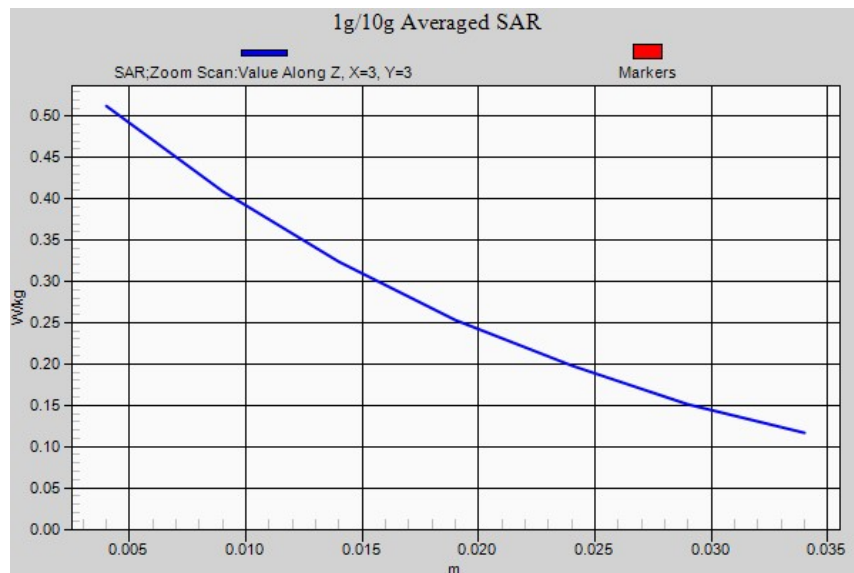
Peak SAR (extrapolated) = 0.604 mW/g

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.365 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg = -5.81 dB W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 UMTS Band V 4182CH Left hand touch cheek with battery 3#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 41.86$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.95, 8.95, 8.95); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.495 W/kg

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

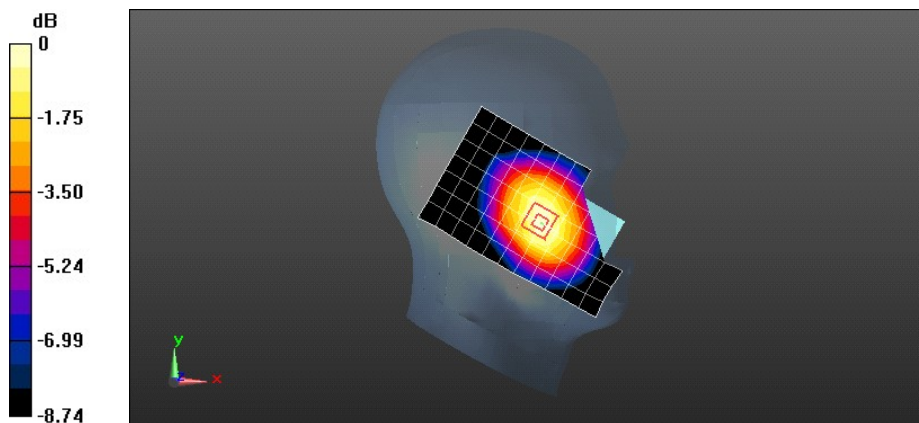
Reference Value = 10.020 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.591 mW/g

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.356 mW/g

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

Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -5.99 dB W/kg

Test Laboratory: HUAWEI SAR Lab

U8815-71 UMTS Band V 4182CH Towards Ground 10mm with battery 1#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.11 W/kg

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

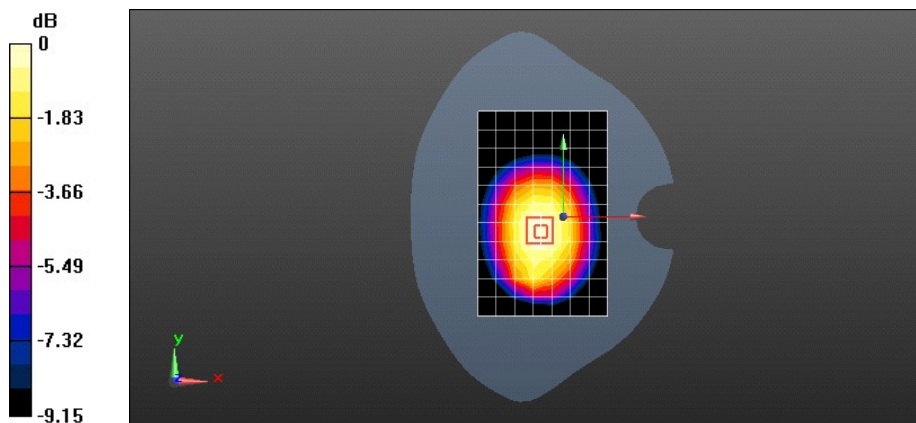
Reference Value = 33.257 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.424 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.821 mW/g

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

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 1.36 dB W/kg

Test Laboratory: HUAWEI SAR Lab

U8815-71 UMTS Band V 4182CH Towards Ground 10mm with battery 2#**DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.16 W/kg

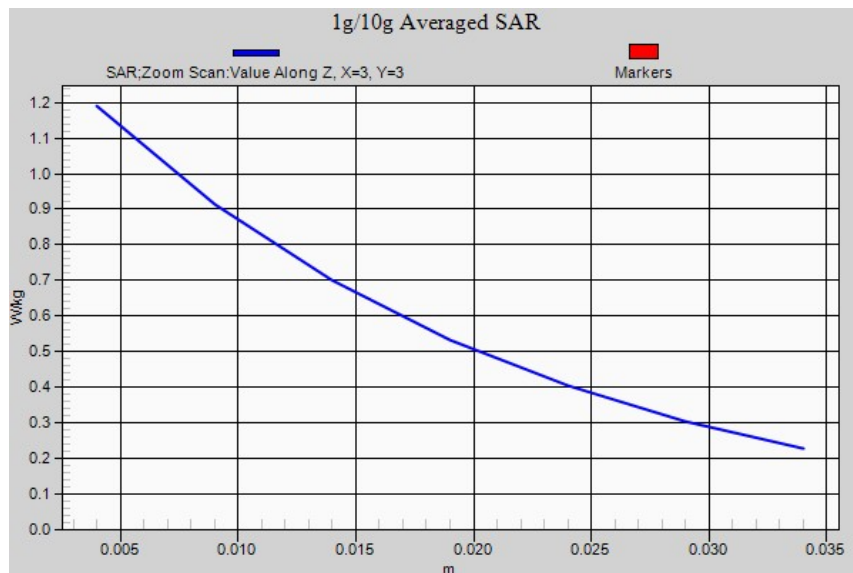
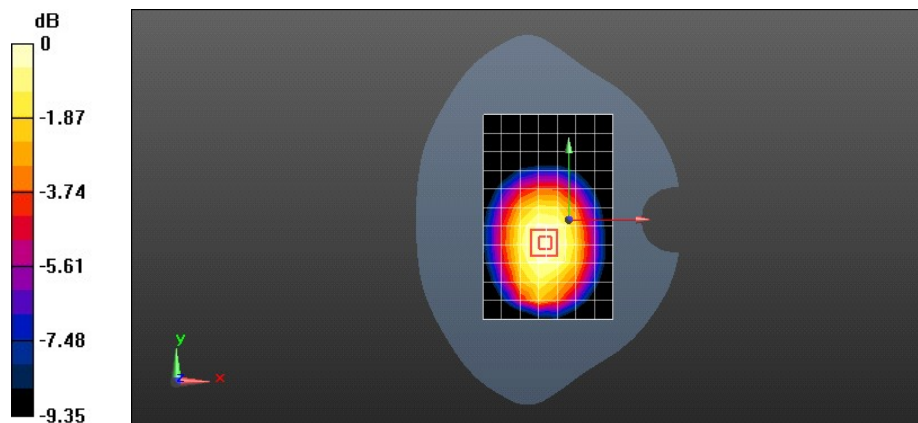
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.291 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.450 mW/g

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.837 mW/g[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



Test Laboratory: HUAWEI SAR Lab

U8815-71 UMTS Band V 4182CH Towards Ground 10mm with battery 3#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: HW-UMTS-FDD(WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(8.99, 8.99, 8.99); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.16 W/kg

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

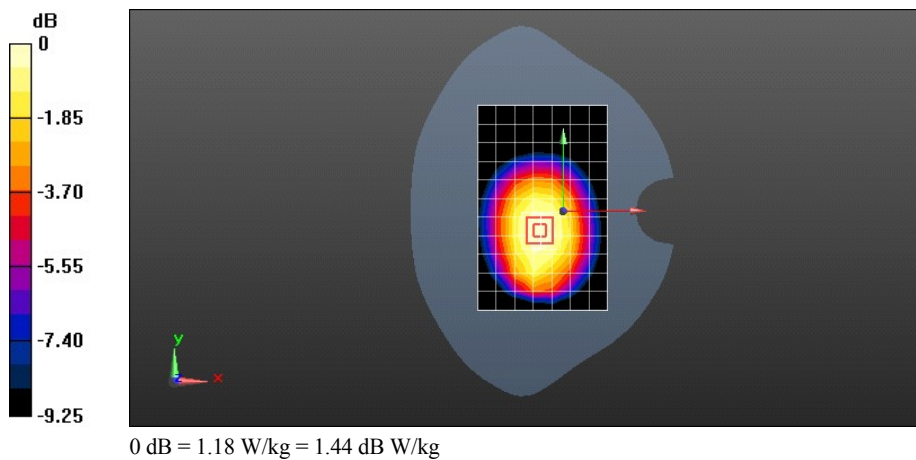
Reference Value = 33.205 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.436 mW/g

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.831 mW/g

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

Maximum value of SAR (measured) = 1.18 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 WiFi 11b 1CH Right hand touch cheek with battery 1#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.779$ mho/m; $\epsilon_r = 40.358$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.82, 6.82, 6.82); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0945 W/kg

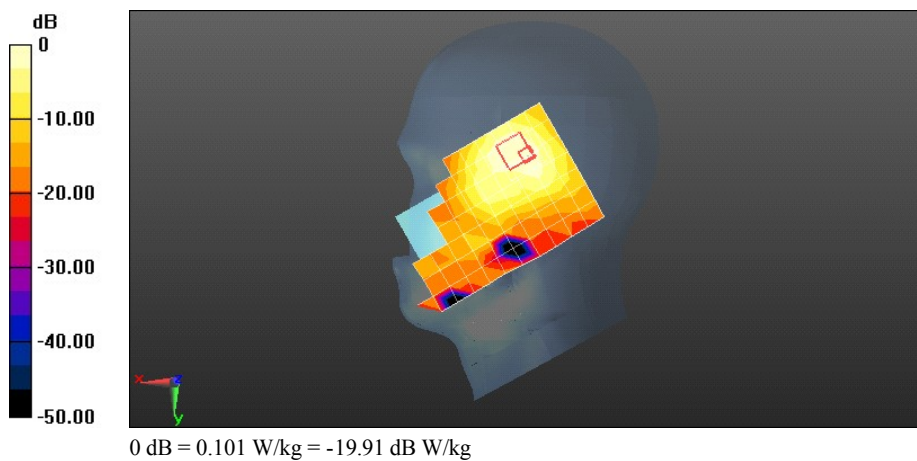
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.433 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.152 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.101 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 WiFi 11b 1CH Right hand touch cheek with battery 2#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.779$ mho/m; $\epsilon_r = 40.358$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.82, 6.82, 6.82); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.123 W/kg

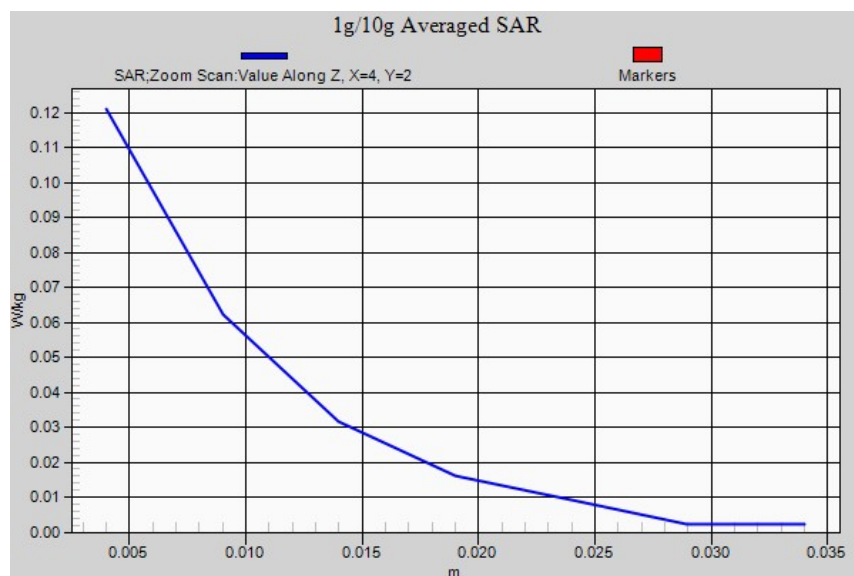
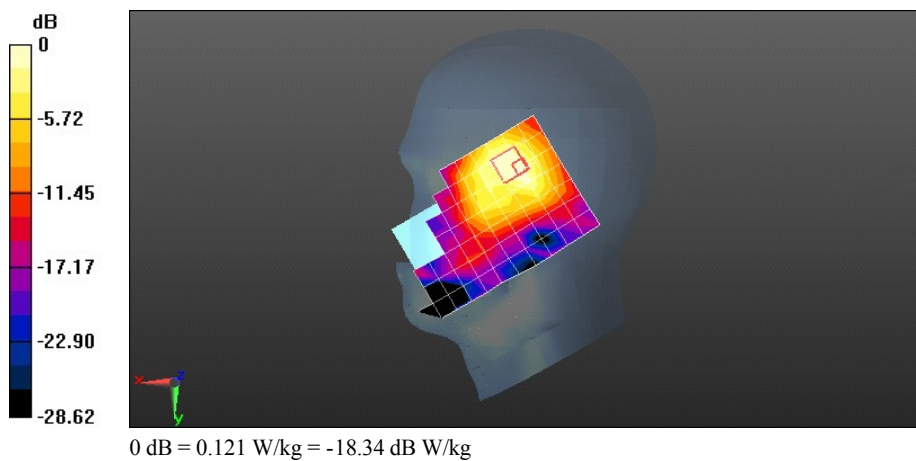
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.720 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.246 mW/g

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.054 mW/g

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



Test Laboratory: HUAWEI SAR Lab

U8815-71 WiFi 11b 1CH Right hand touch cheek with battery 3#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.779$ mho/m; $\epsilon_r = 40.358$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.82, 6.82, 6.82); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.105 W/kg

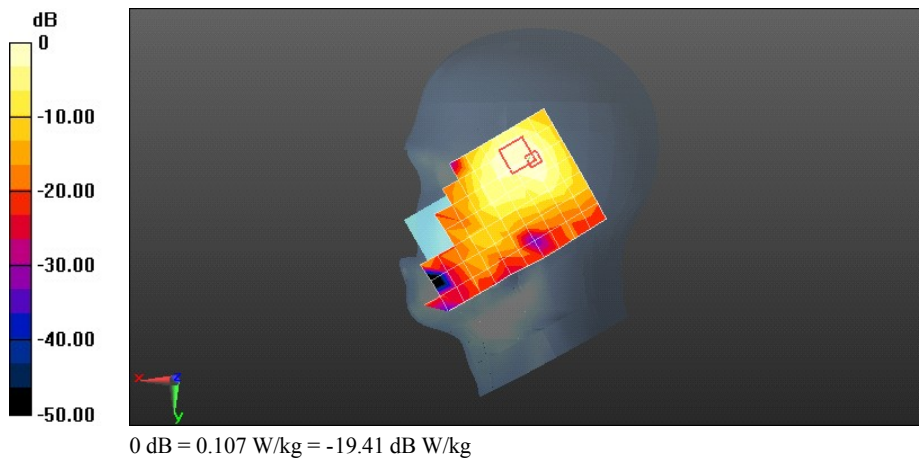
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.820 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.214 mW/g

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.107 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 WiFi 11b 1CH Towards Ground 10mm with battery 1#**DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1**

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.948$ mho/m; $\epsilon_r = 52.723$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.92, 6.92, 6.92); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0581 W/kg

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

Reference Value = 2.133 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.109 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.0602 W/kg

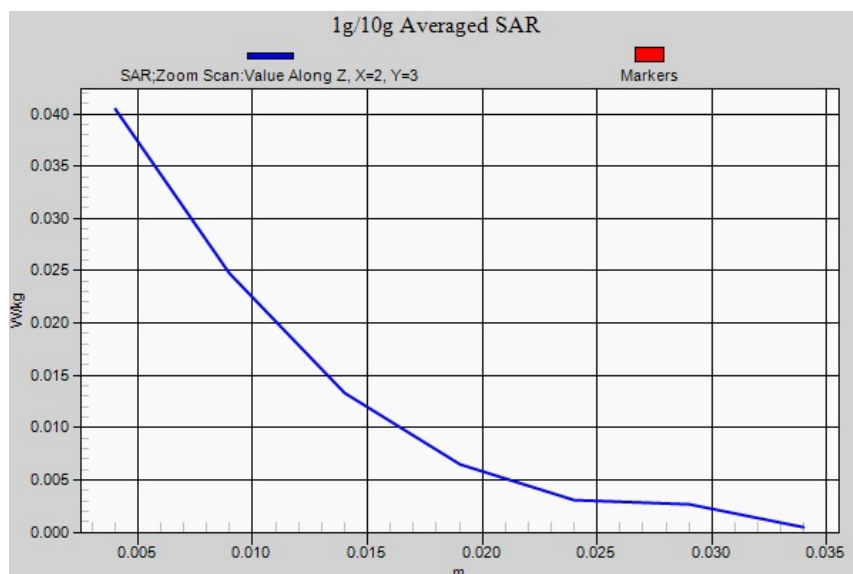
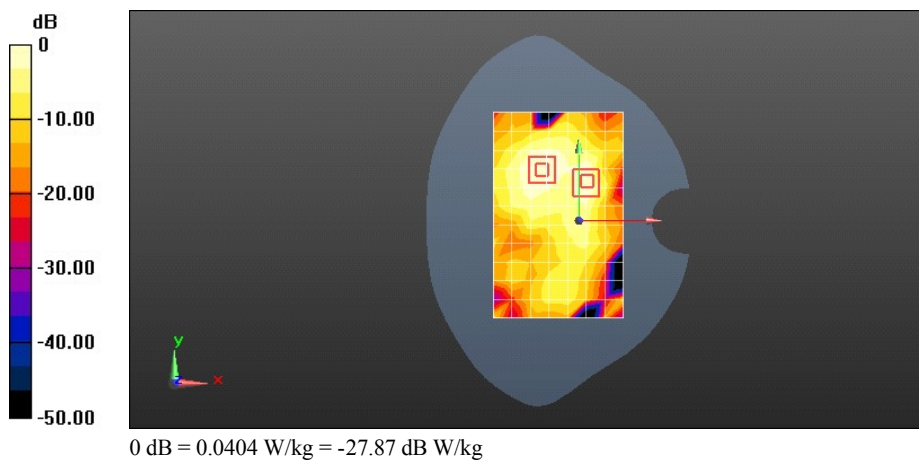
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.133 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.060 mW/g

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.0404 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 WiFi 11b 1CH Towards Ground 10mm with battery 2#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.948$ mho/m; $\epsilon_r = 52.723$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.92, 6.92, 6.92); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0560 W/kg

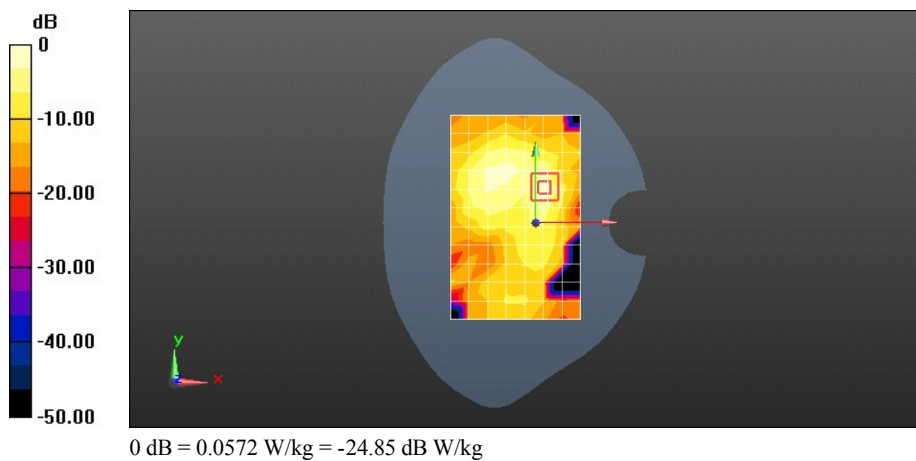
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.175 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.105 mW/g

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0572 W/kg



Test Laboratory: HUAWEI SAR Lab

U8815-71 WiFi 11b 1CH Towards Ground 10mm with battery 3#

DUT: U8815-71; Type: HUAWEI Ascend G 300+ HSPA/UMTS/GPRS/GSM/EDGE Mobile Phone with Bluetooth; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.948$ mho/m; $\epsilon_r = 52.723$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3744; ConvF(6.92, 6.92, 6.92); Calibrated: 7/27/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn851; Calibrated: 7/25/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0517 W/kg

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

Reference Value = 1.980 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.110 mW/g

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0627 W/kg

