Appendix B. SAR Measurement Plots

Table of contents
GSM850 Head
GSM850 Body
GSM1900 Head
GSM1900 Body
UMTS Band V Head
UMTS Band V Body
UMTS Band IV Head
UMTS Band IV Body
UMTS Band II Head
UMTS Band II Body
WiFi 2450 MHz Head
WiFi 2450 MHz Body

Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 190CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

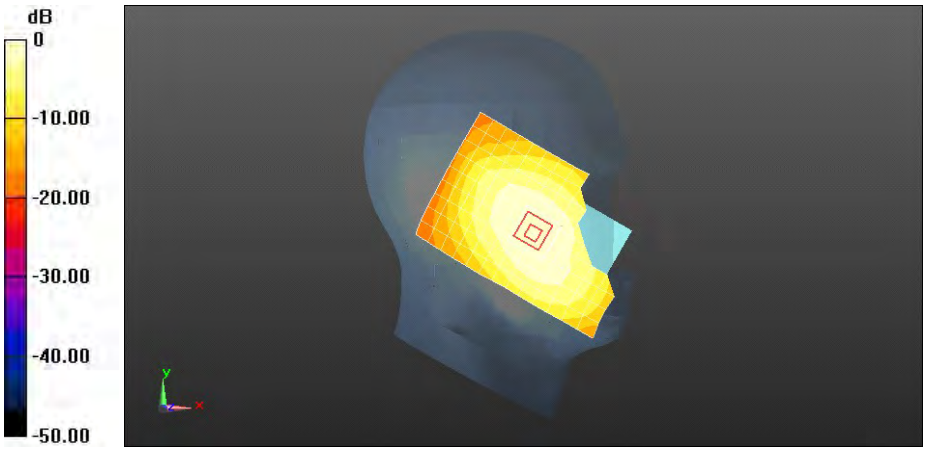
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.916 S/m; ε_r = 41.622; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.672 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.832 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.824 W/kg
SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.468 W/kg
Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 190CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

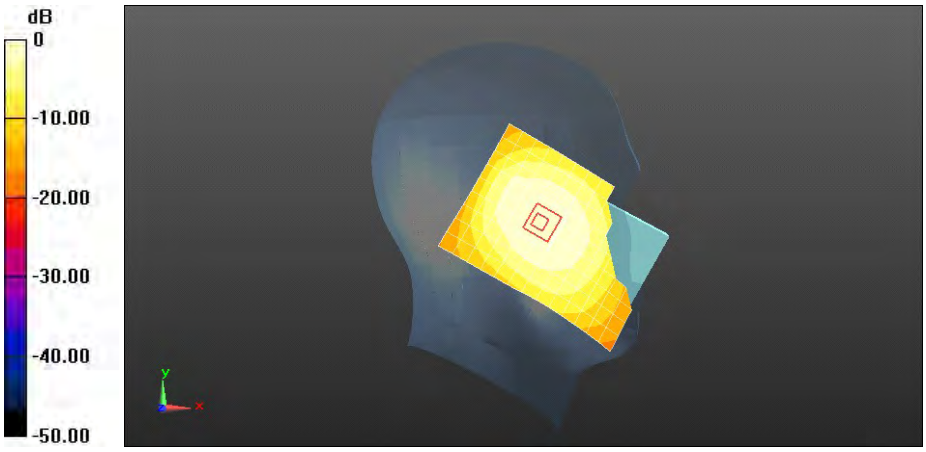
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.916 S/m; ε_r = 41.622; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.479 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.921 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 0.495 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 251CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

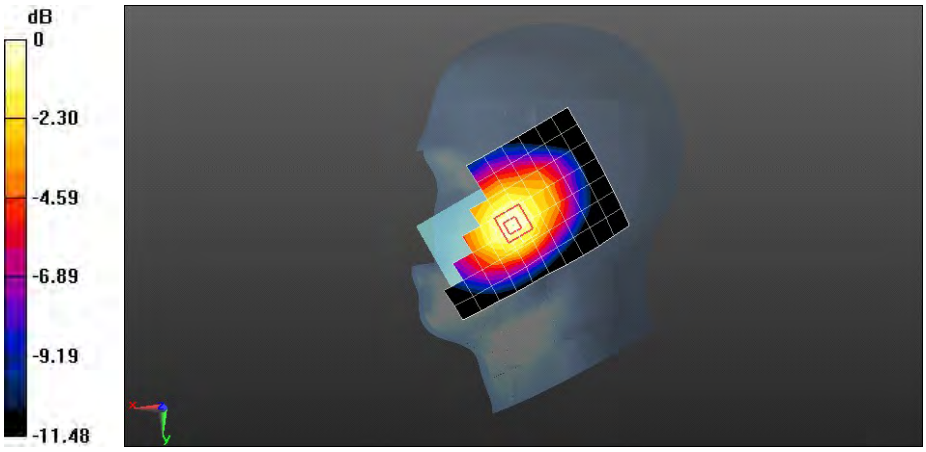
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.918 S/m; ε_r = 41.336; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

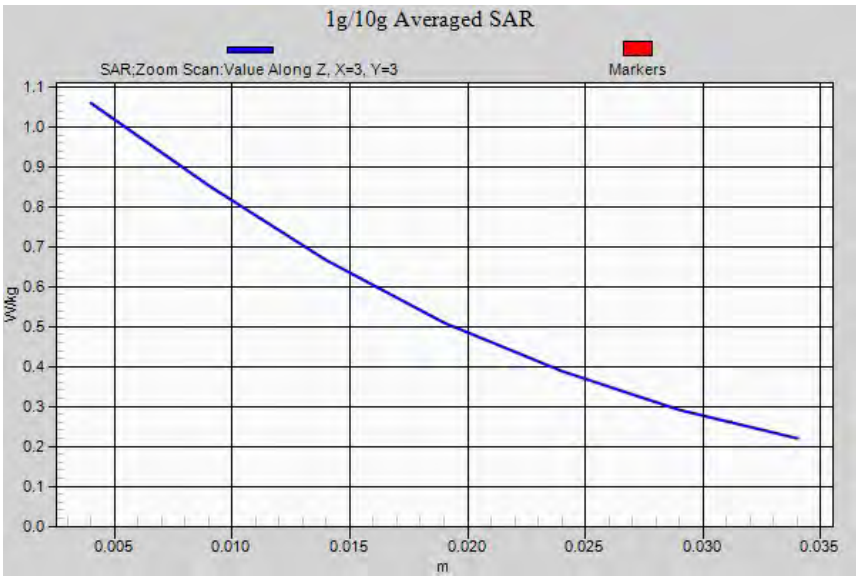
- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.00 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.011 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.739 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



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



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 251CH Right hand touch cheek-repeated

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

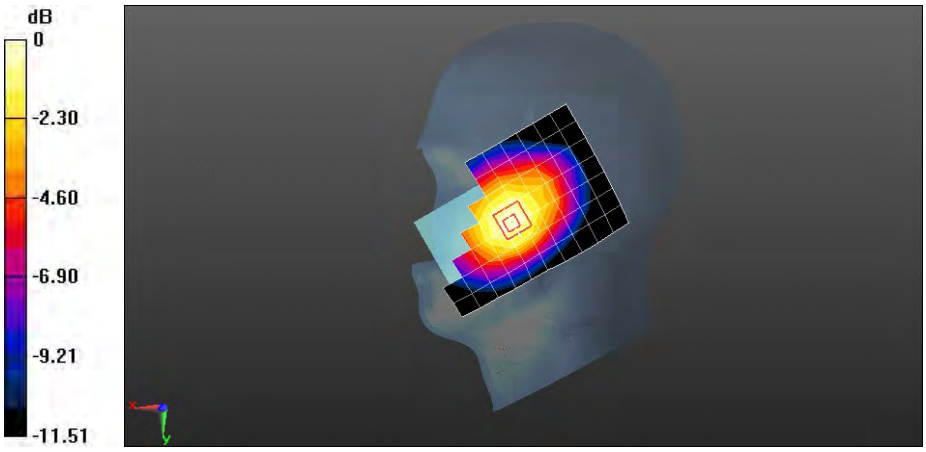
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.918 S/m; ε_r = 41.336; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

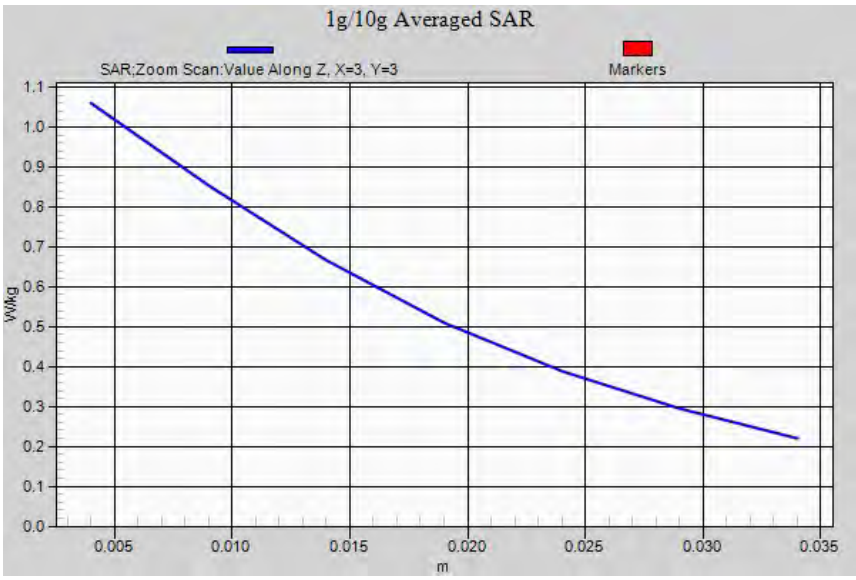
- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.992 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.305 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.736 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



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



Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 190CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

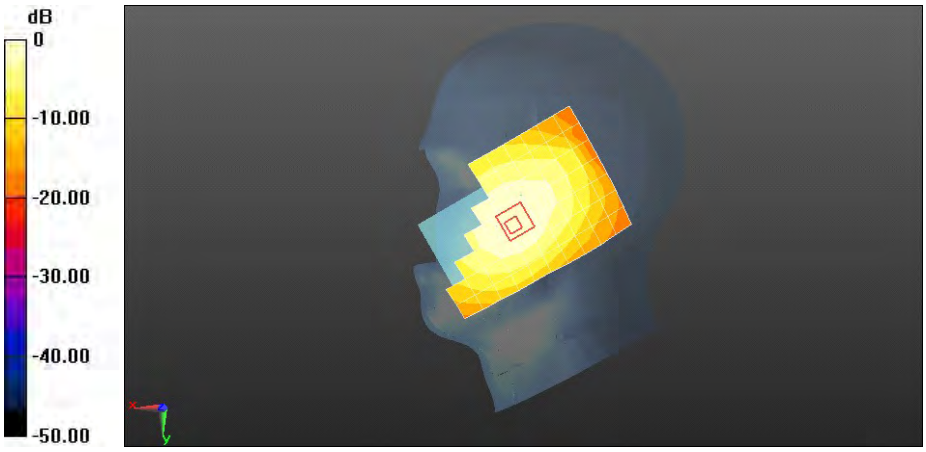
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.916 S/m; ε_r = 41.622; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.811 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.549 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.605 W/kg
Maximum value of SAR (measured) = 0.861 W/kg



0 dB = 0.811 W/kg = -0.91 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 128CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.901 S/m; ε_r = 41.728; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

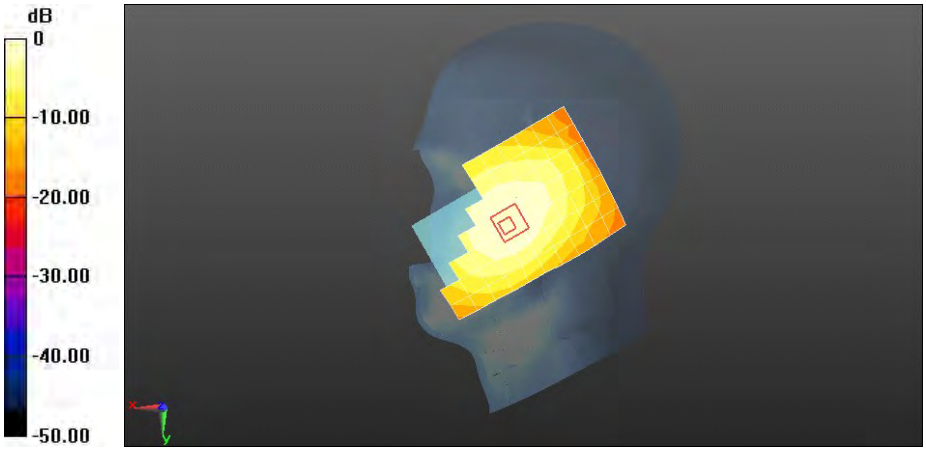
- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.602 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.263 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.743 W/kg
SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.446 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.626 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 190CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

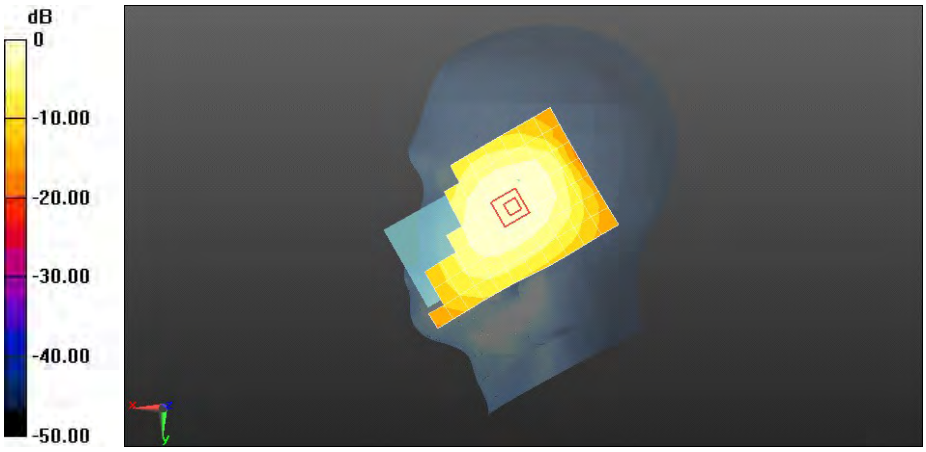
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.916 S/m; ε_r = 41.622; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
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 = 17.348 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.373 W/kg
Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.497 W/kg = -3.04 dBW/kg

Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 251CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.918 S/m; ε_r = 41.336; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.00 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.296 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.709 W/kg
Maximum value of SAR (measured) = 0.999 W/kg

0 dB = 1.00 W/kg = 0.01 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 190CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

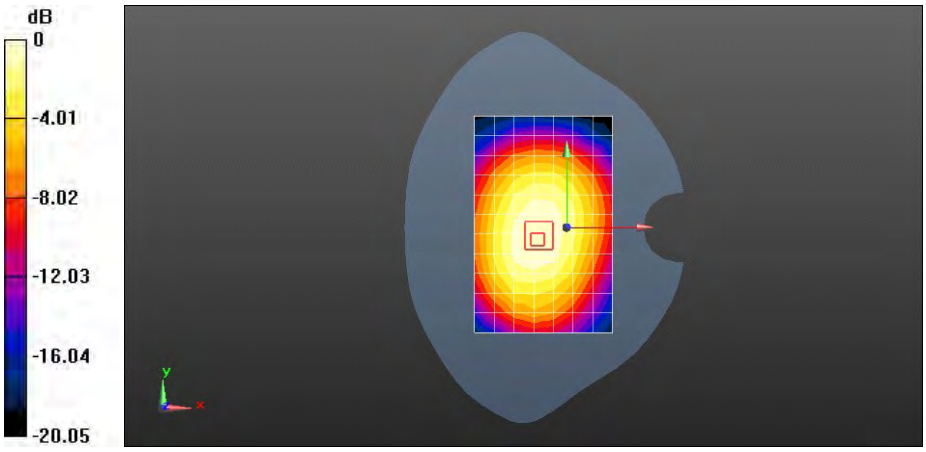
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.694 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.856 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.492 W/kg
Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.694 W/kg = -1.58 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 251CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

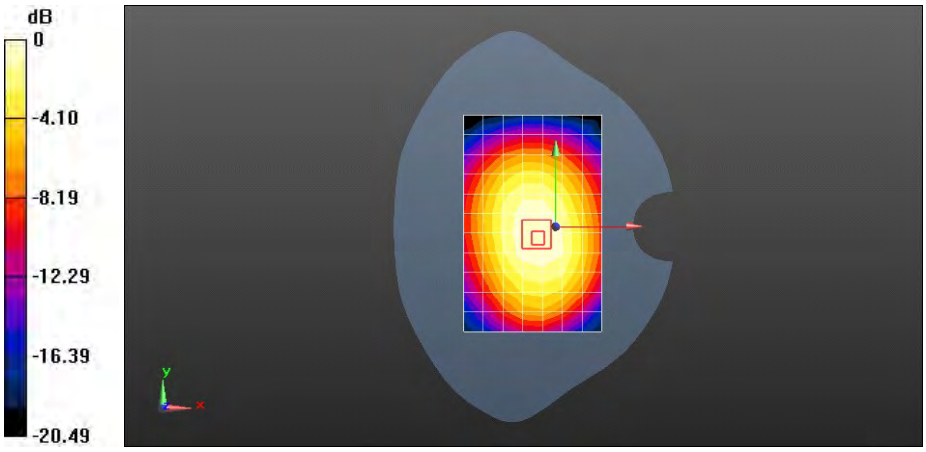
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.943 S/m; ε_r = 53.214; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.874 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.324 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.618 W/kg
Maximum value of SAR (measured) = 0.890 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 190CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

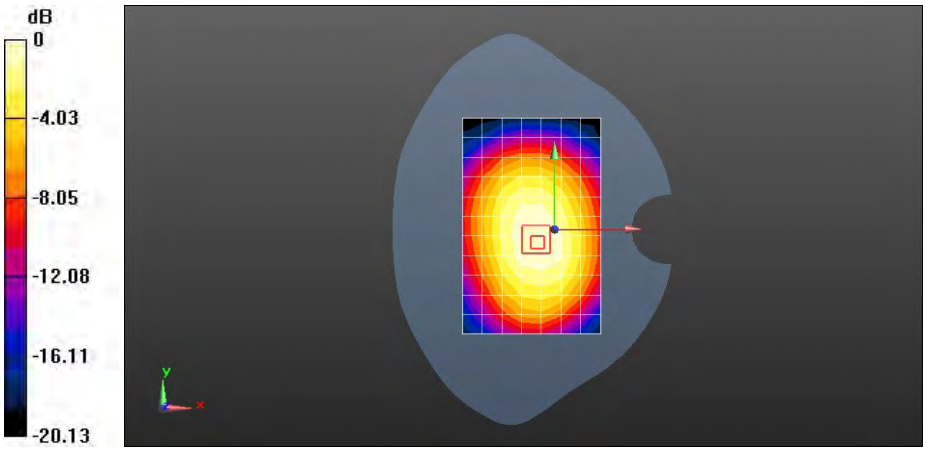
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.771 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.701 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.548 W/kg
Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.771 W/kg = -1.13 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 128CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.923 S/m; ε_r = 53.356; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

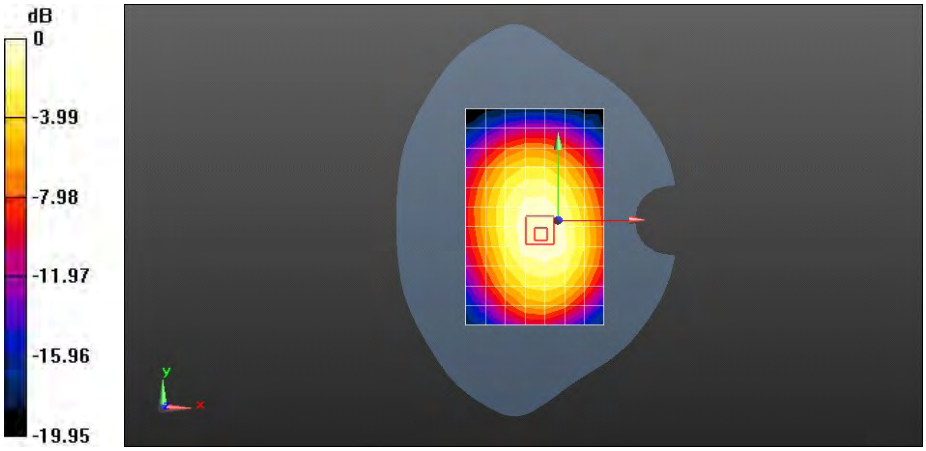
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.656 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.414 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.820 W/kg
SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.465 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.667 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 251CH Towards Ground 15mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

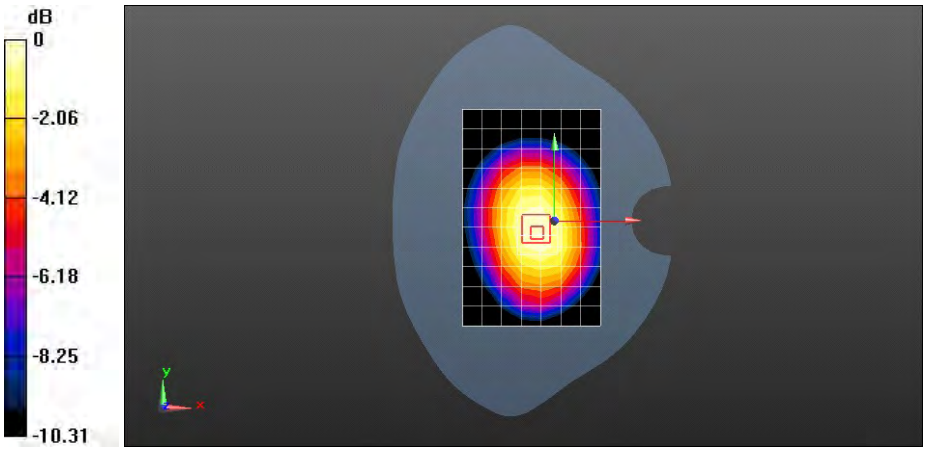
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.943 S/m; ε_r = 53.214; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

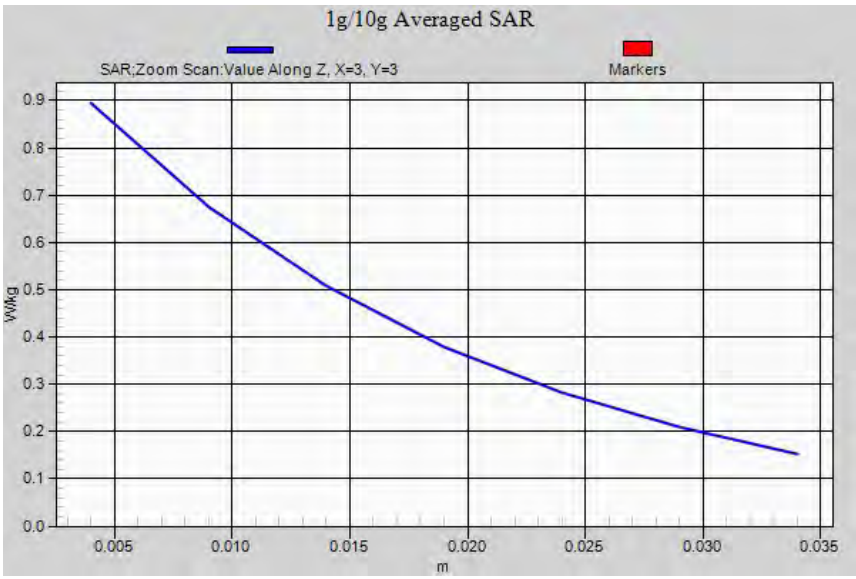
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.886 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.491 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.621 W/kg
Maximum value of SAR (measured) = 0.894 W/kg



0 dB = 0.894 W/kg = -0.49 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 251CH Towards Ground 15mm-repeated

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

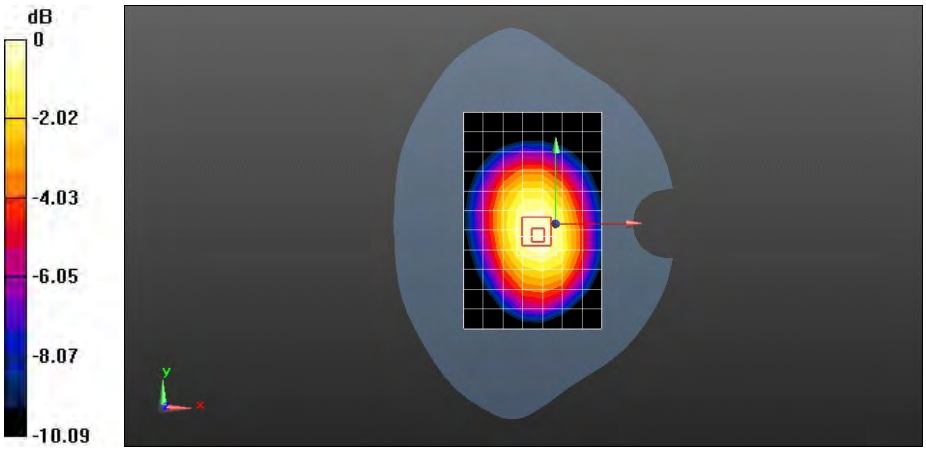
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.943 S/m; ε_r = 53.214; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

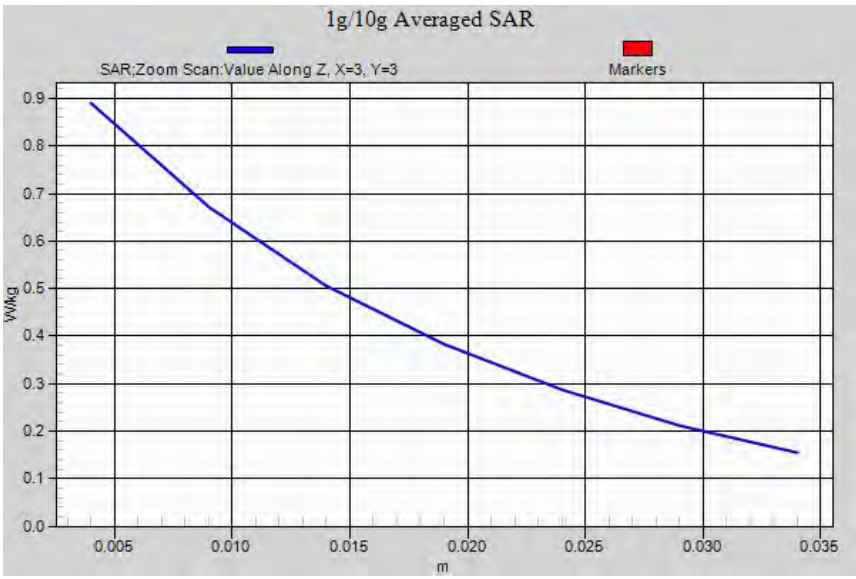
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.876 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.324 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.614 W/kg
Maximum value of SAR (measured) = 0.892 W/kg



0 dB = 0.890 W/kg = -0.50 dBW/kg



Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 GPRS 1TS 190CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

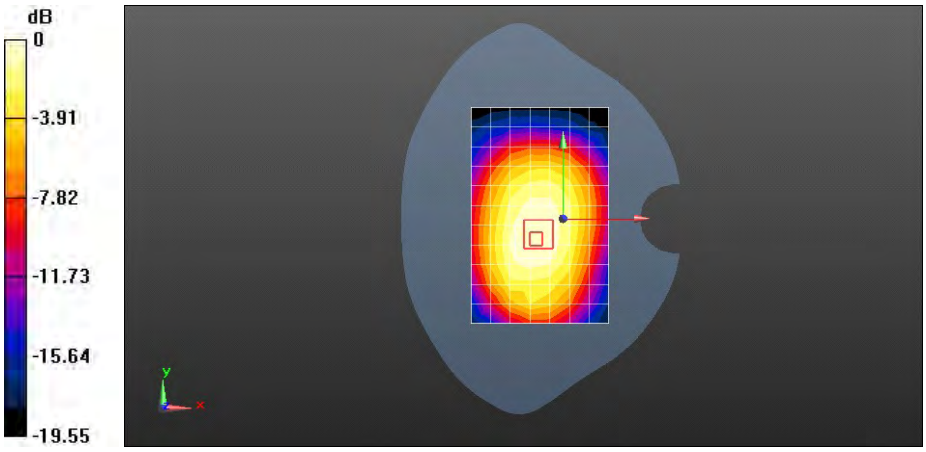
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.507 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.638 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.629 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.362 W/kg
Maximum value of SAR (measured) = 0.511 W/kg



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

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 GPRS 1TS 190CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

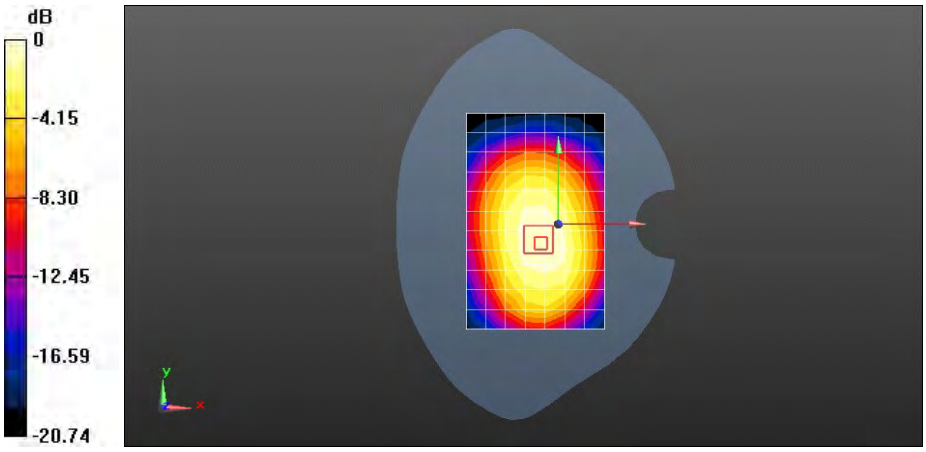
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.640 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.321 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.806 W/kg
SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.640 W/kg = -1.94 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 GPRS 1TS 190CH Left edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

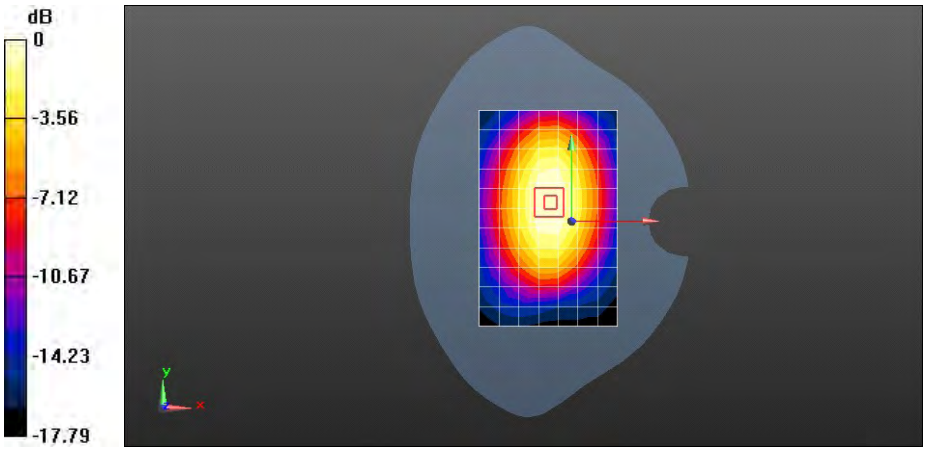
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.370 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.909 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 GPRS 1TS 190CH Right edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

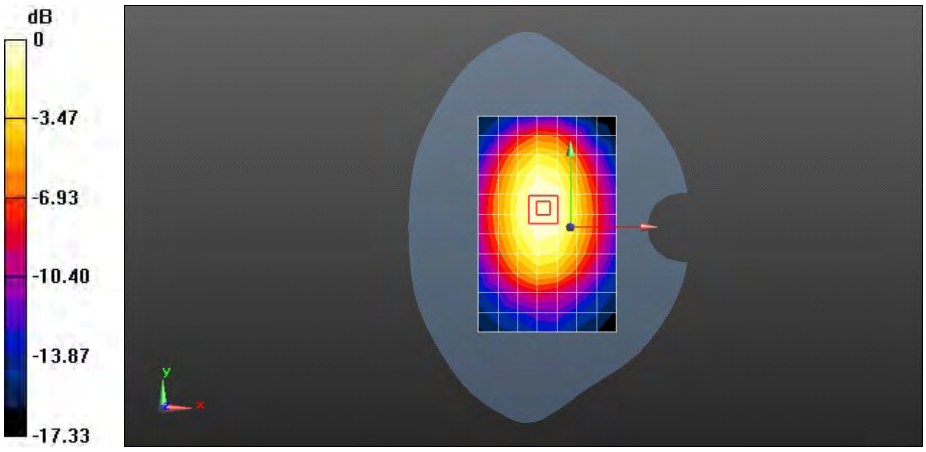
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.378 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.602 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.253 W/kg
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.378 W/kg = -4.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 GPRS 1TS 190CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

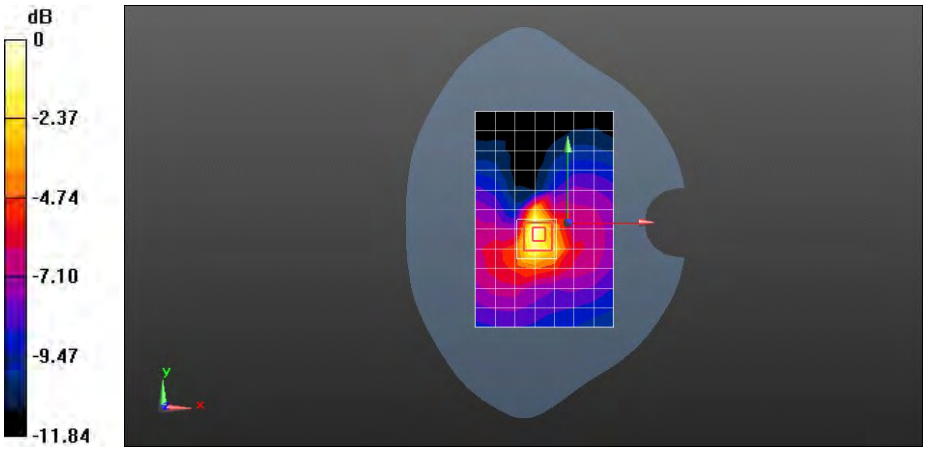
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0934 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.102 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.0934 W/kg = -10.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM850 GPRS 1TS 190CH Towards Ground 10mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

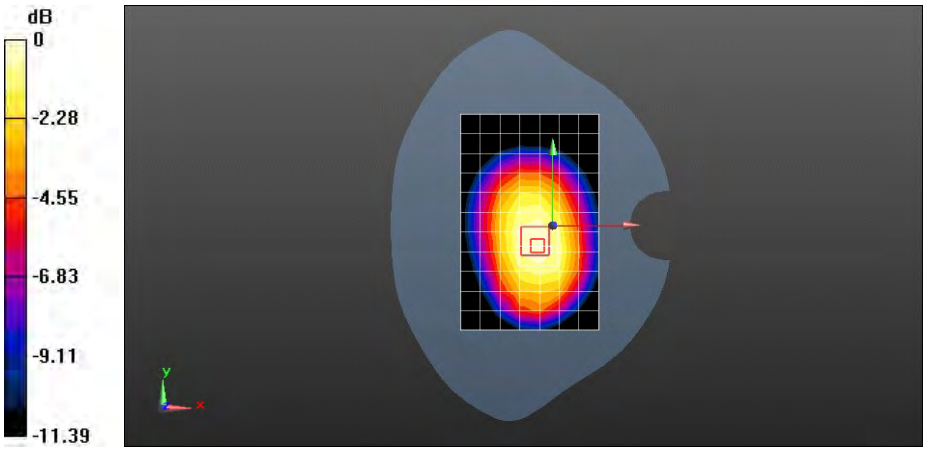
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.935 S/m; ε_r = 53.225; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

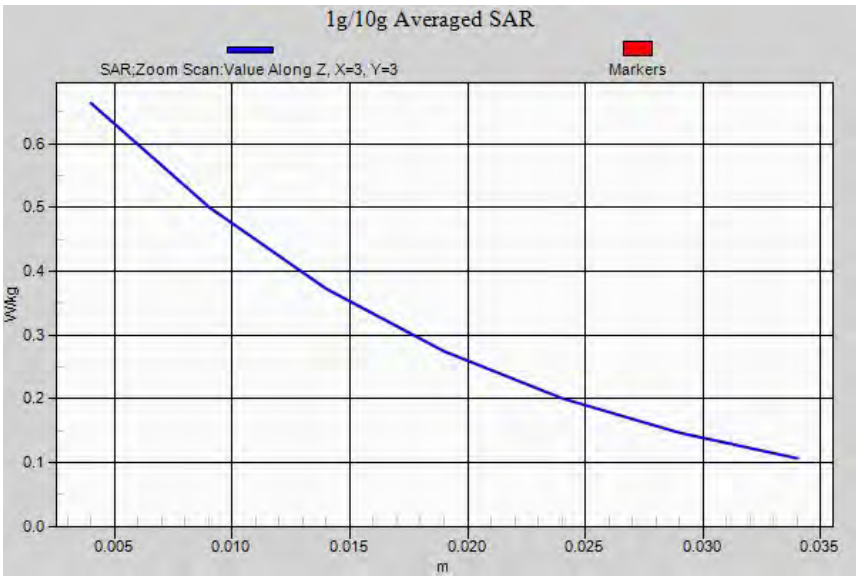
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
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 = 25.735 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg



Date: 2013-5-13

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

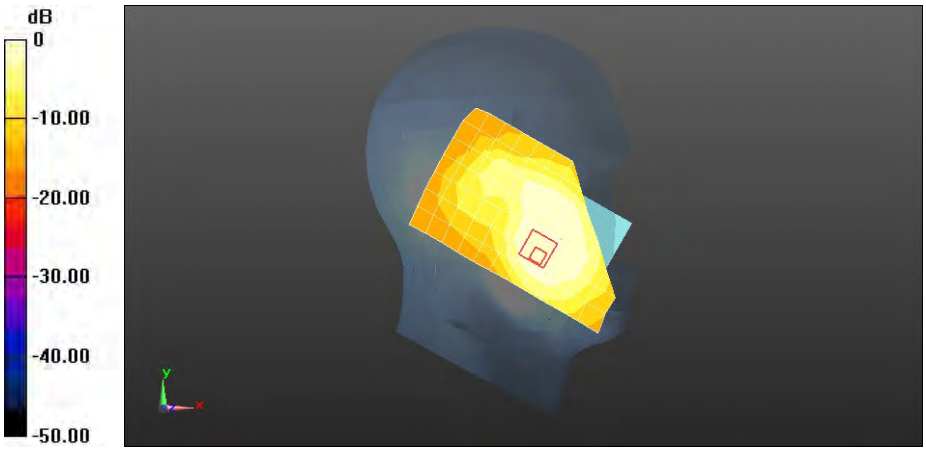
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.372 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.467 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

Date: 2013-5-13

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.238 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.671 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.262 W/kg

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

Date: 2013-5-13

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

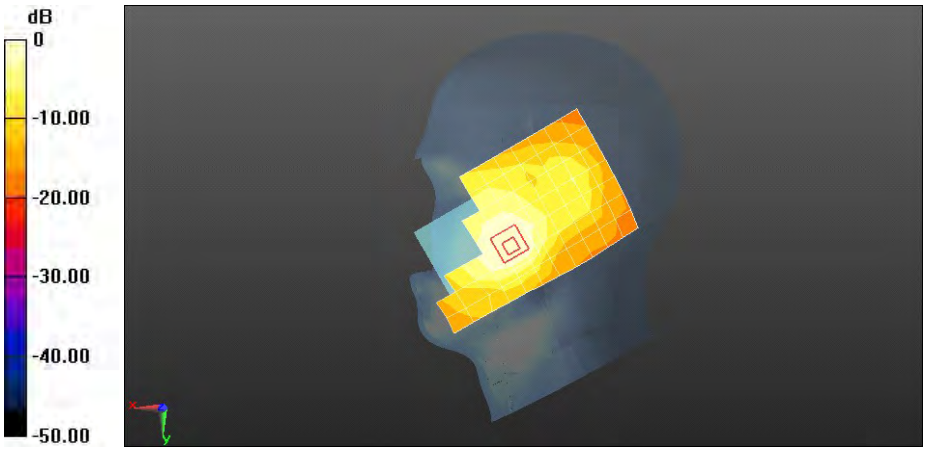
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.478 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.691 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.298 W/kg
Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.478 W/kg = -3.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

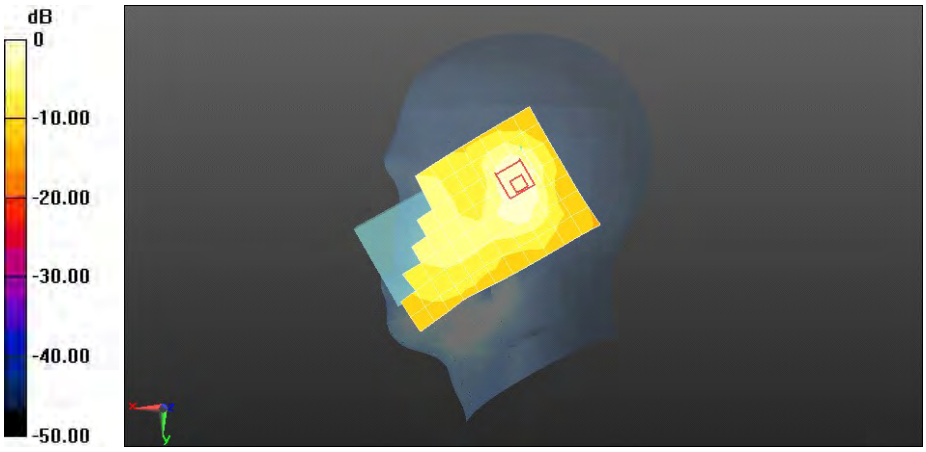
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.195 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.601 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.110 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

Date: 2013-5-13

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

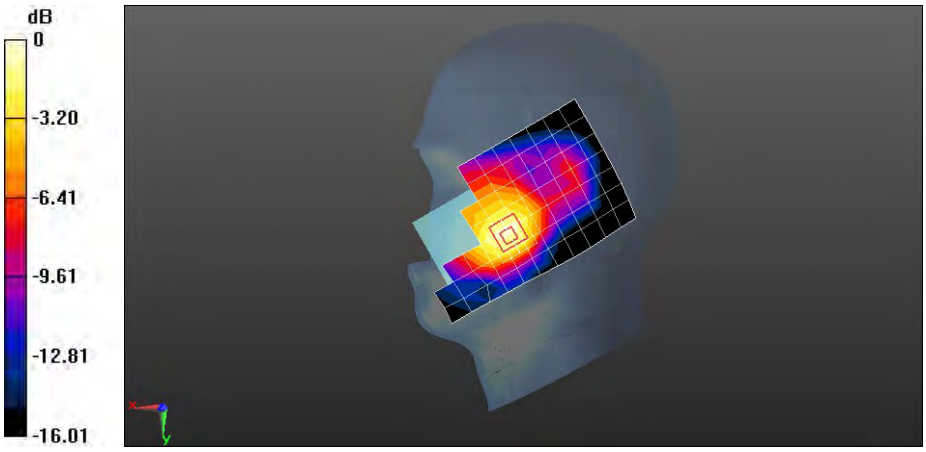
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

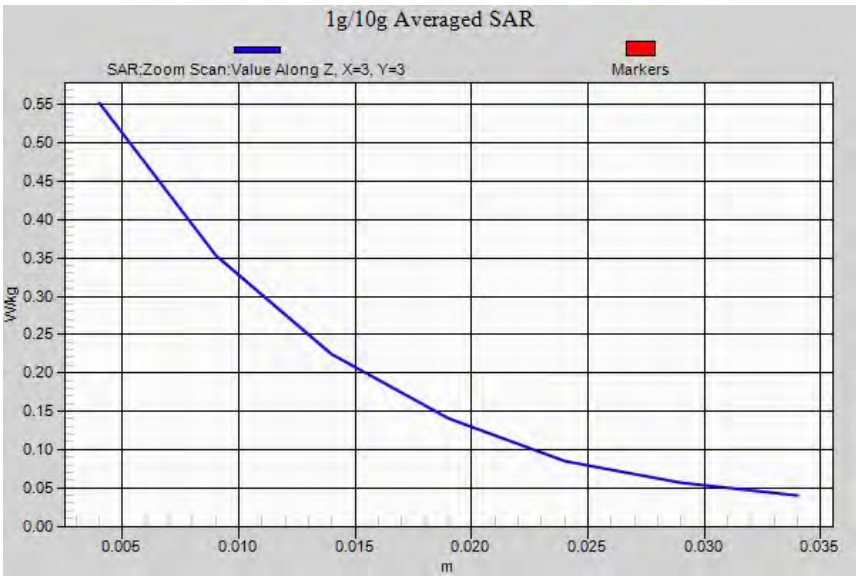
- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.494 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.487 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg = -2.58 dBW/kg



Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

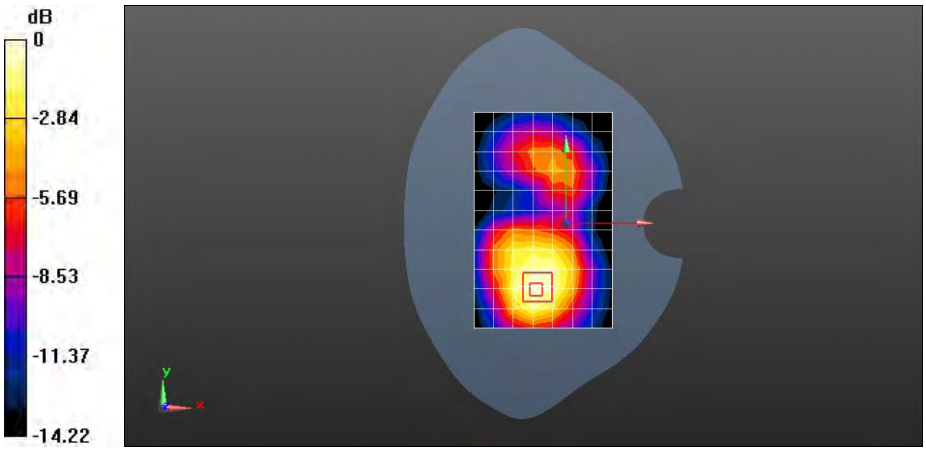
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

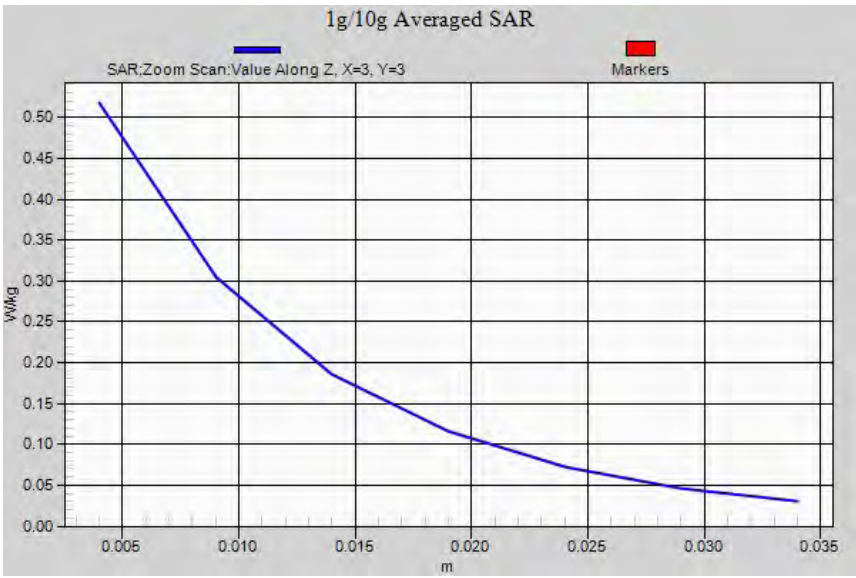
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.519 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.518 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.820 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.289 W/kg
Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.517 W/kg = -2.87 dBW/kg



Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

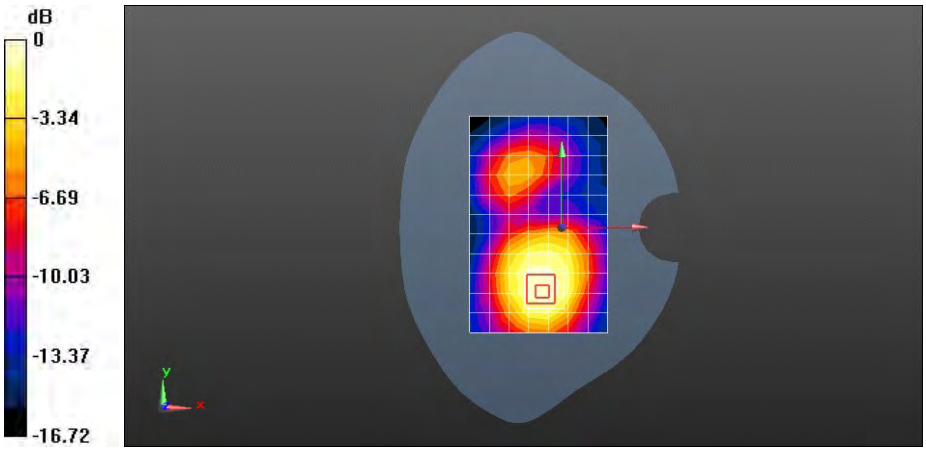
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.414 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.382 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.414 W/kg = -3.83 dBW/kg

Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 661CH Towards Phantom 15mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

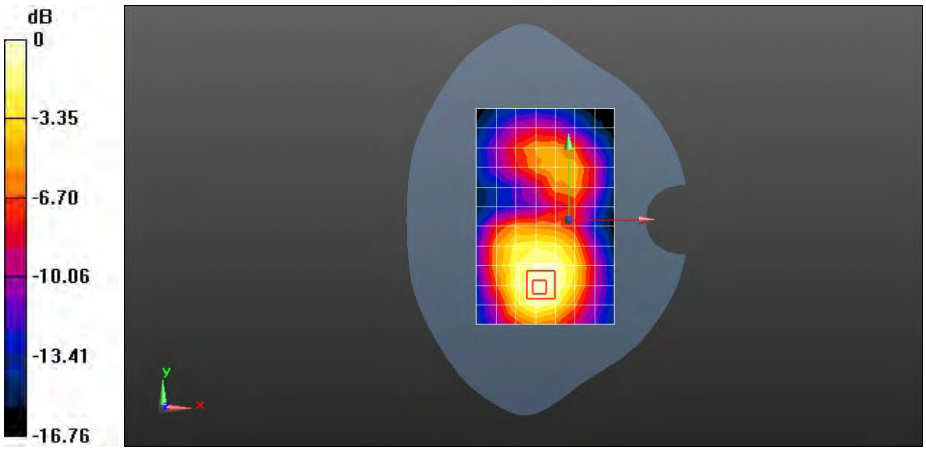
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.483 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.237 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 810CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

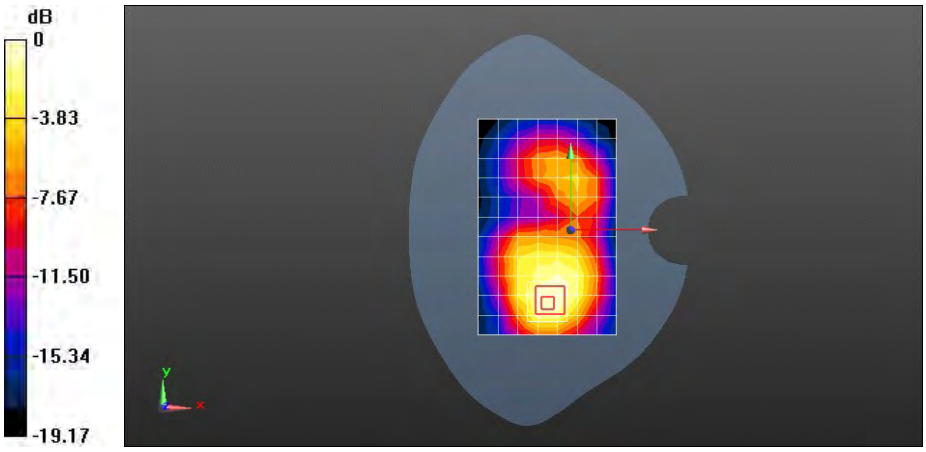
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1910 MHz; σ = 1.588 S/m; ε_r = 51.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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 = 8.548 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.442 W/kg
Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.770 W/kg = -1.13 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 661CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

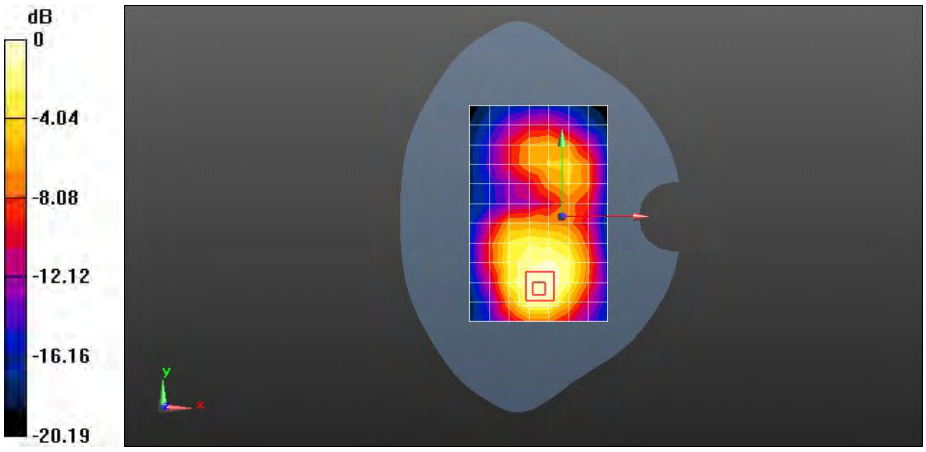
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.810 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.605 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 0.907 W/kg



0 dB = 0.810 W/kg = -0.91 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 512CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.10015
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.523 S/m; ε_r = 51.632; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

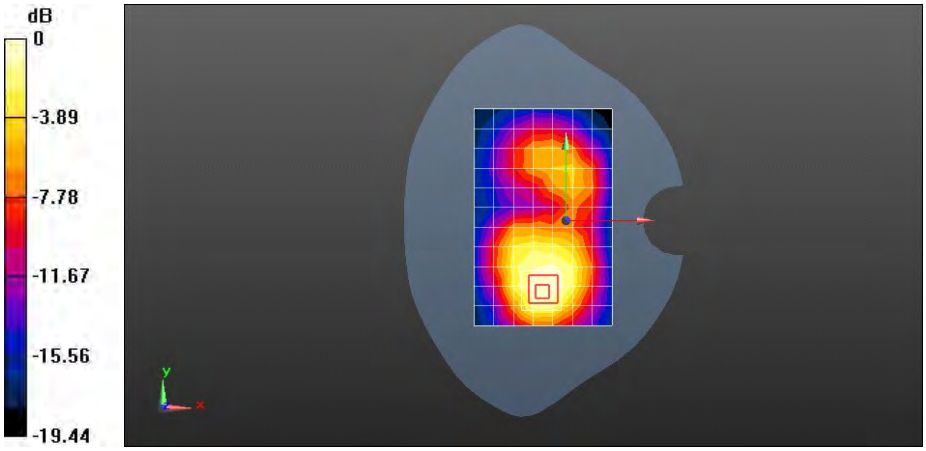
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.727 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.664 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.424 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.805 W/kg



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

Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 810CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

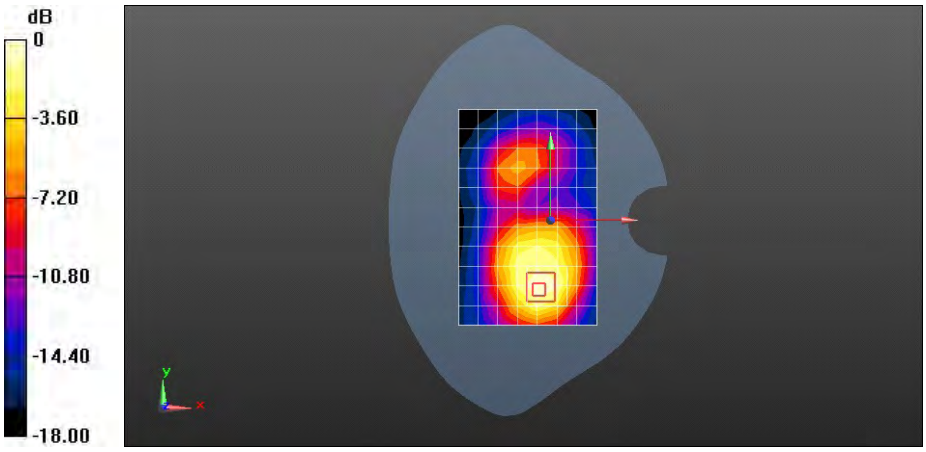
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1910 MHz; σ = 1.588 S/m; ε_r = 51.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.702 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.580 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.370 W/kg
Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.702 W/kg = -1.53 dBW/kg

Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 661CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

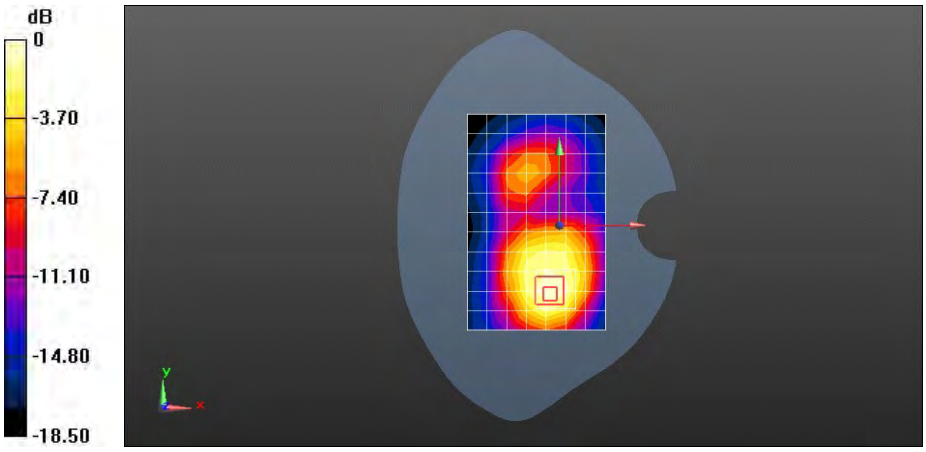
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.735 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.747 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.393 W/kg
Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 512CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.10015
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.523 S/m; ε_r = 51.632; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

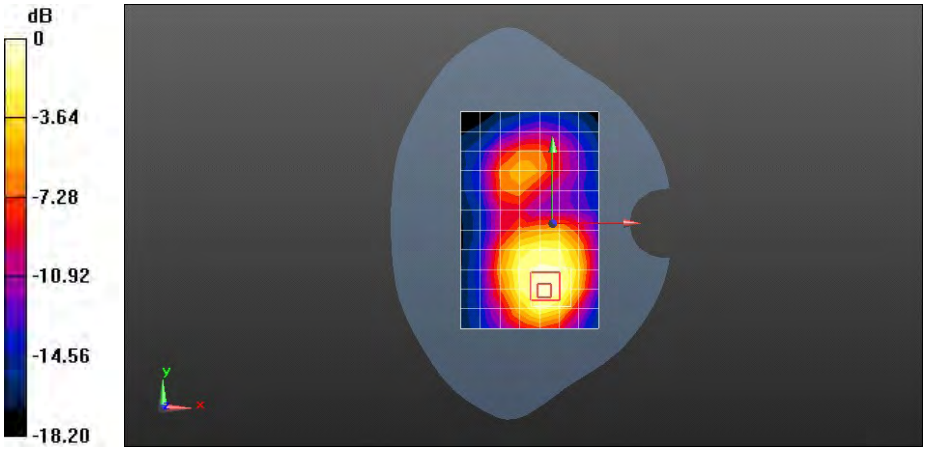
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.634 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.016 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.989 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.349 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.646 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 661CH Left edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

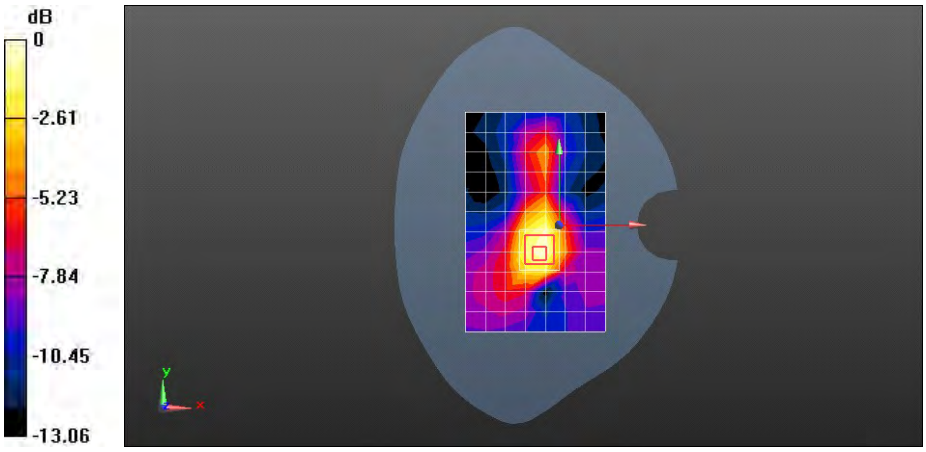
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.207 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.983 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.543 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.090 W/kg
Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.207 W/kg = -6.85 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 661CH Right edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

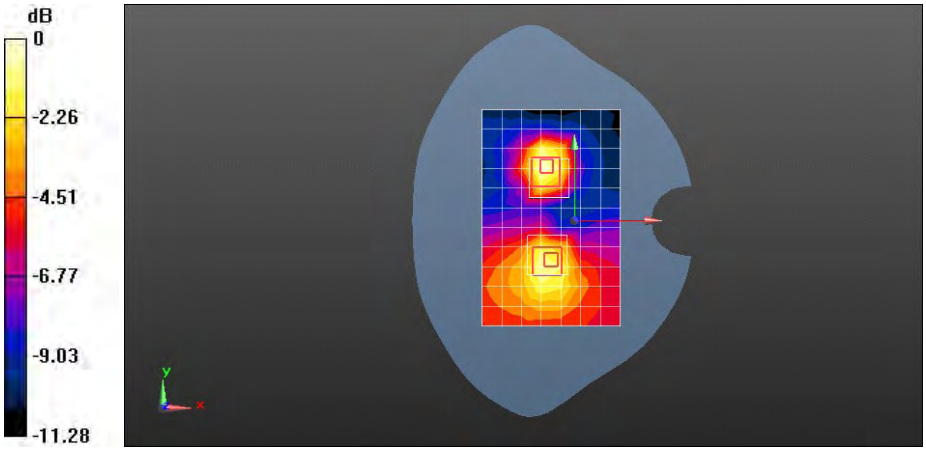
DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.144 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.732 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.152 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.732 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.857 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.144 W/kg = -8.41 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 810CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

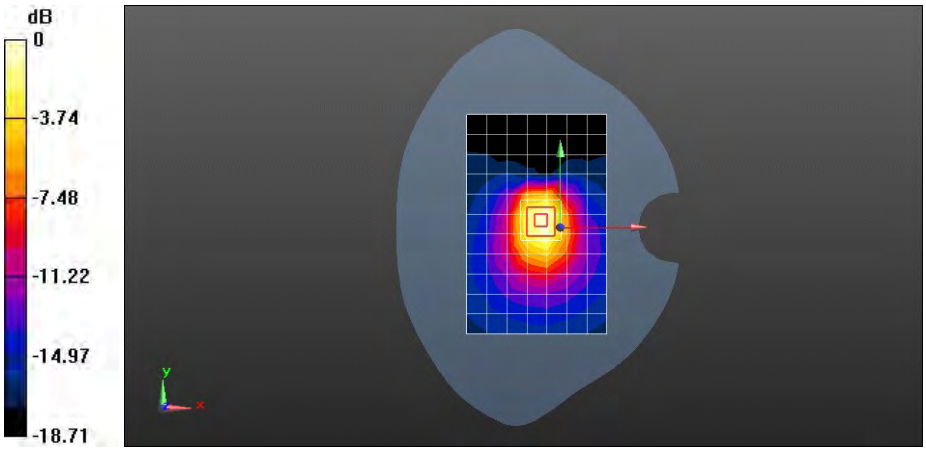
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1910 MHz; σ = 1.588 S/m; ε_r = 51.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.840 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.863 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 0.840 W/kg = -0.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 661CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

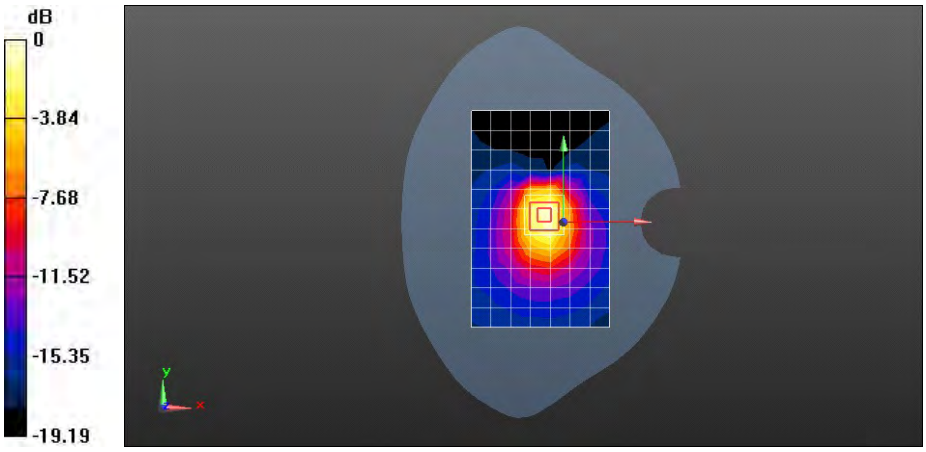
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1880 MHz; σ = 1.555 S/m; ε_r = 51.577; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.868 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.631 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.455 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 0.868 W/kg = -0.61 dBW/kg

Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 512CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1850.2 MHz;Duty Cycle: 1:4.10015
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.523 S/m; ε_r = 51.632; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

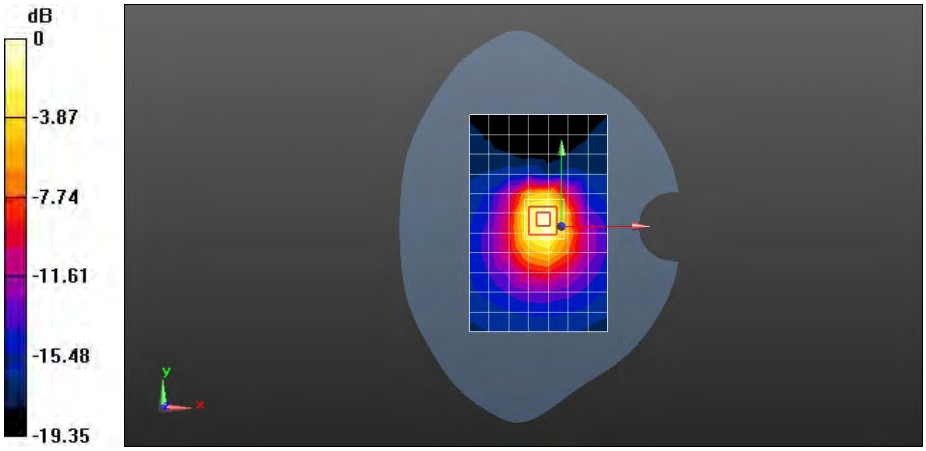
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.778 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.936 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.409 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.909 W/kg



0 dB = 0.778 W/kg = -1.09 dBW/kg

Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 810CH Bottom edge 10mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

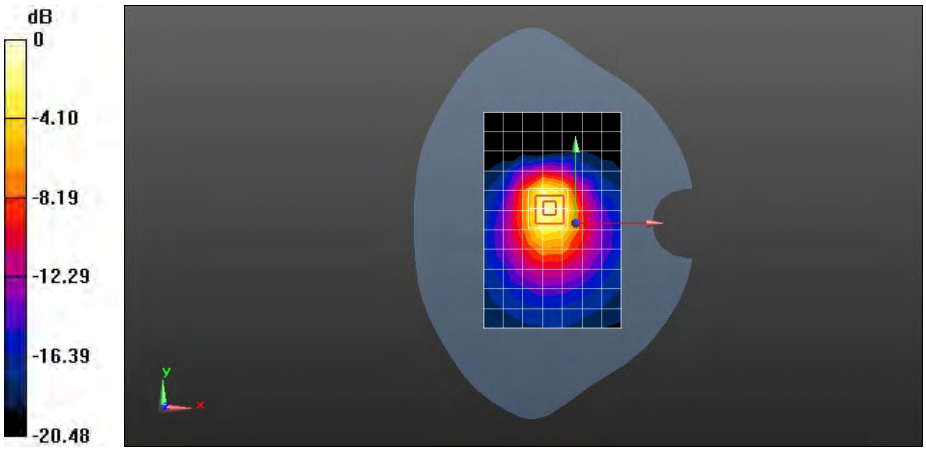
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1909.8 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1910 MHz; σ = 1.588 S/m; ε_r = 51.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

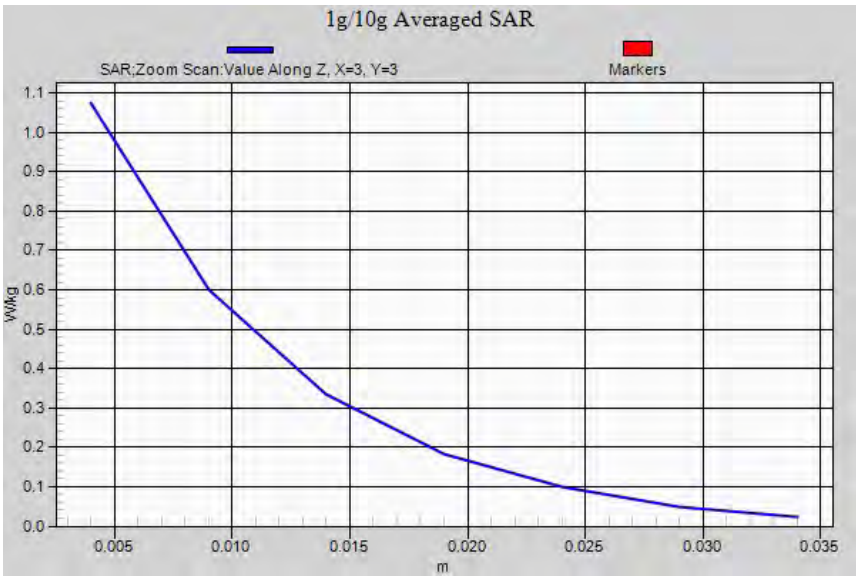
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.913 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.904 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.481 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg



Date: 2013-5-10

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 GSM1900 GPRS 2TS 810CH Bottom edge 10mm with battery 2#-repeated

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

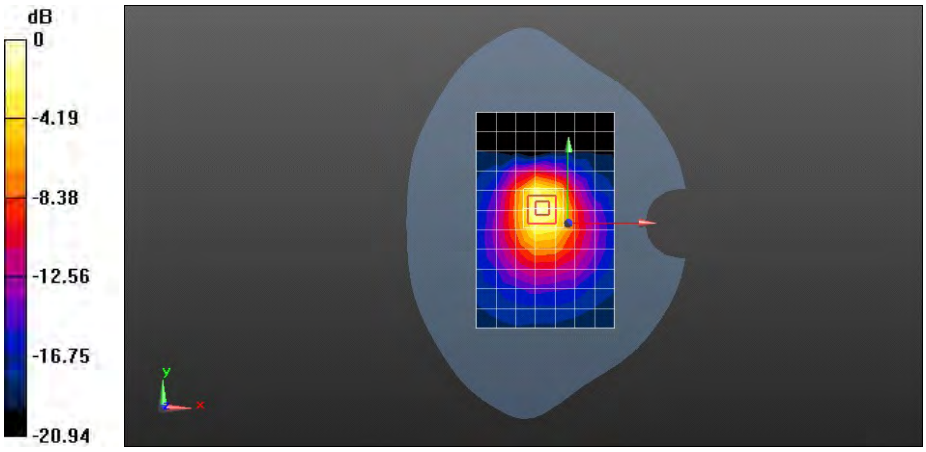
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 1880 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 1910 MHz; σ = 1.588 S/m; ε_r = 51.528; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

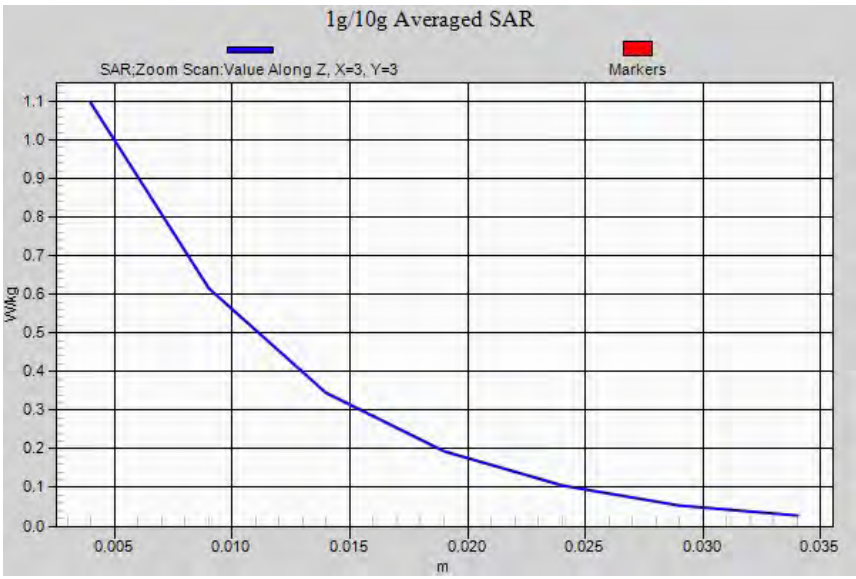
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.920 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.400 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg



Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.919 S/m; ε_r = 41.533; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

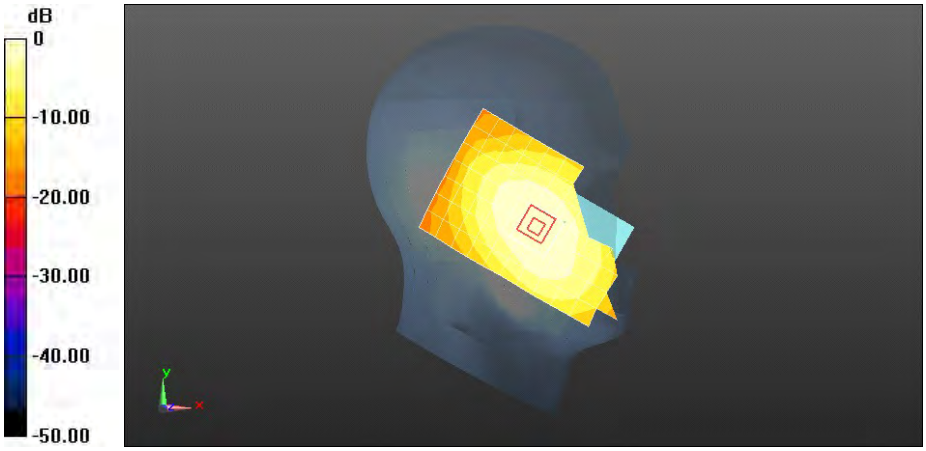
- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.504 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.067 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.367 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg

Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.919 S/m; ε_r = 41.533; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.422 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.126 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.316 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.436 W/kg

0 dB = 0.422 W/kg = -3.75 dBW/kg

Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.919 S/m; ε_r = 41.533; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

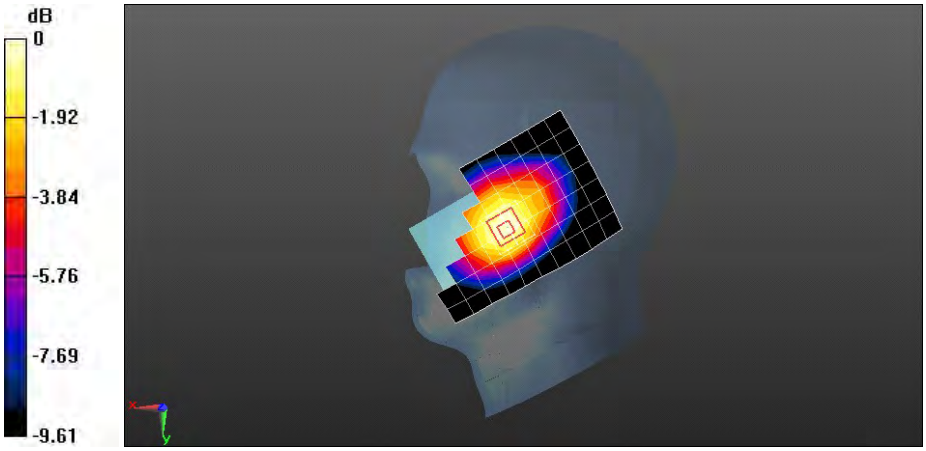
- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

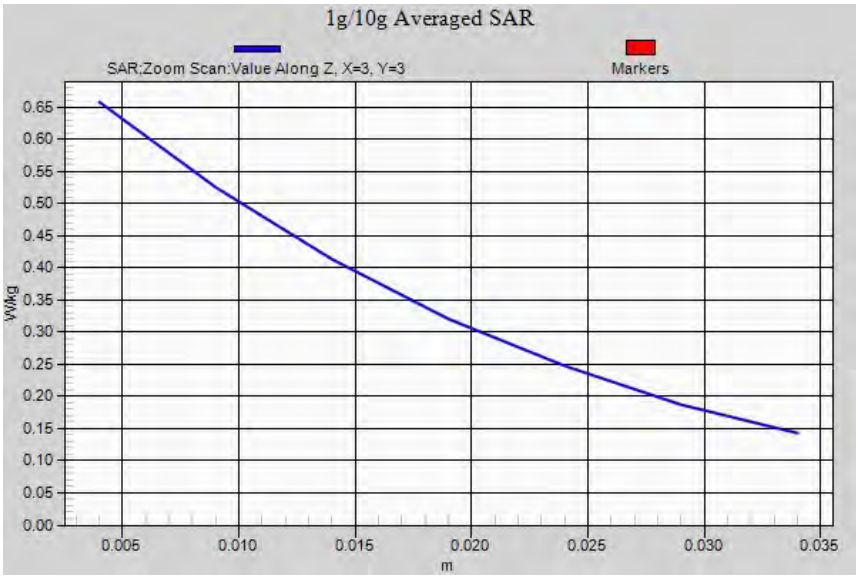
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.634 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.652 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.781 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.463 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg



Date: 2013-5-12

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.919 S/m; ε_r = 41.533; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

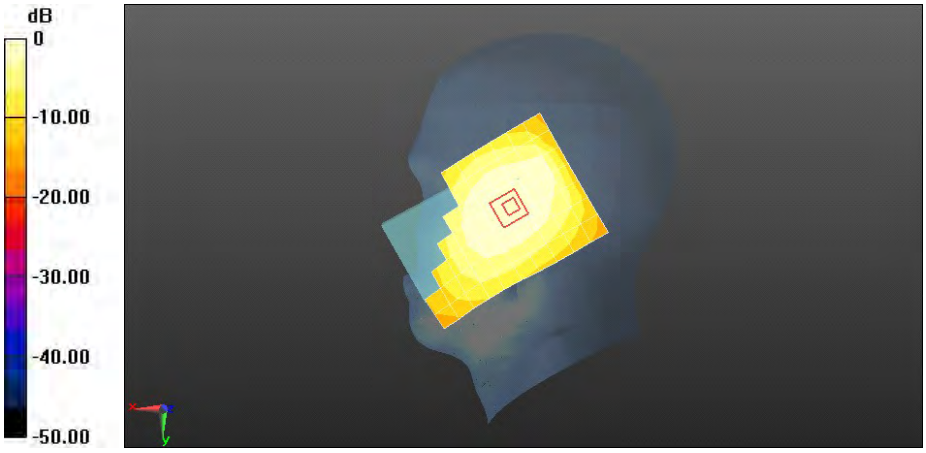
- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.429 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.218 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.336 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.461 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.919 S/m; ε_r = 41.533; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(9.7, 9.7, 9.7); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.609 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.718 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.414 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.618 W/kg

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

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

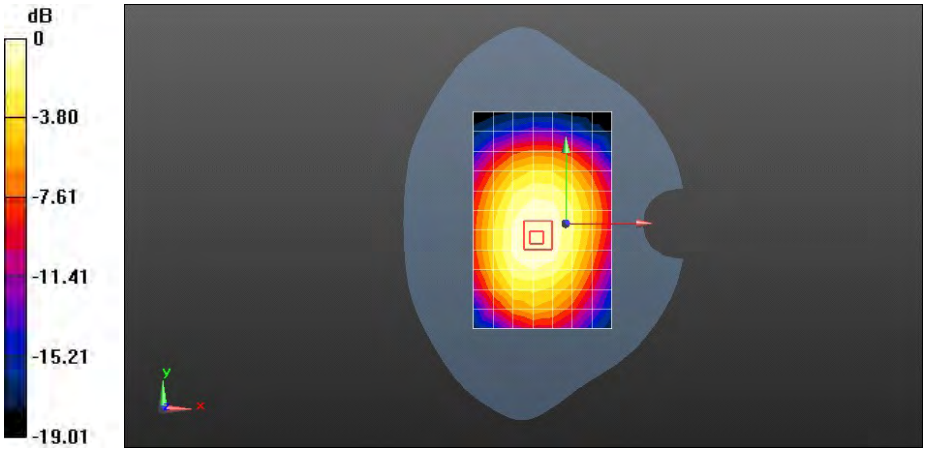
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.522 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.439 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.649 W/kg
SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.373 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.522 W/kg = -2.83 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

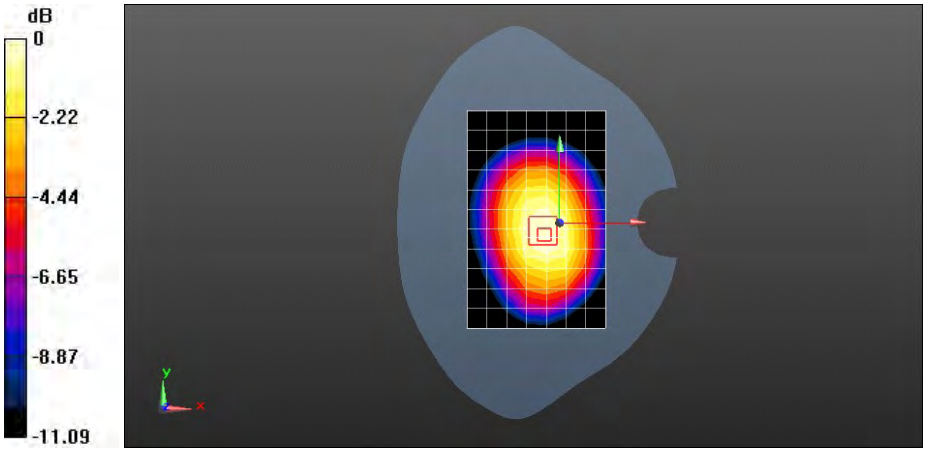
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.575 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.500 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.726 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.400 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Towards Ground 15mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

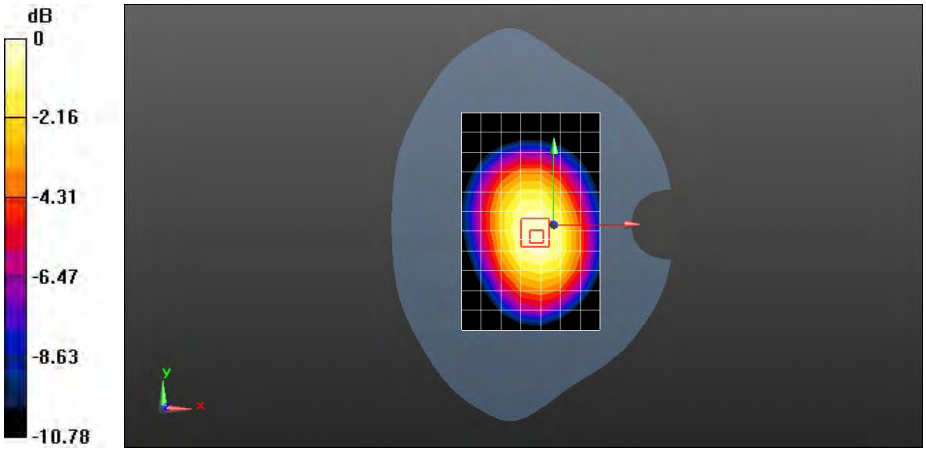
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

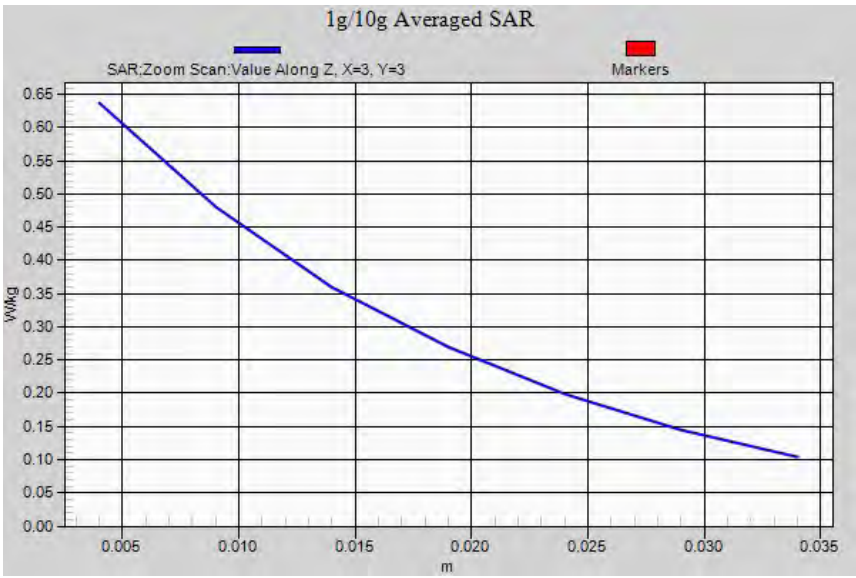
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.627 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.635 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.791 W/kg
SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.442 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.637 W/kg



0 dB = 0.637 W/kg = -1.96 dBW/kg



Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

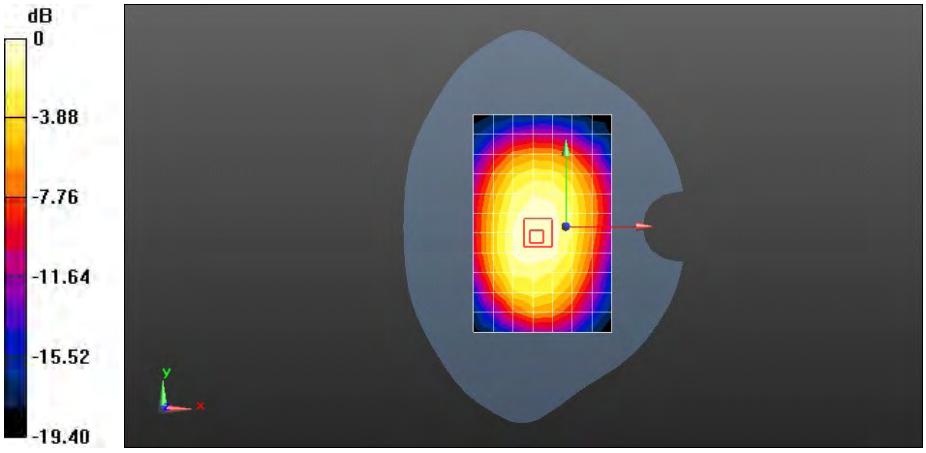
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.413 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.556 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.287 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.413 W/kg = -3.84 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

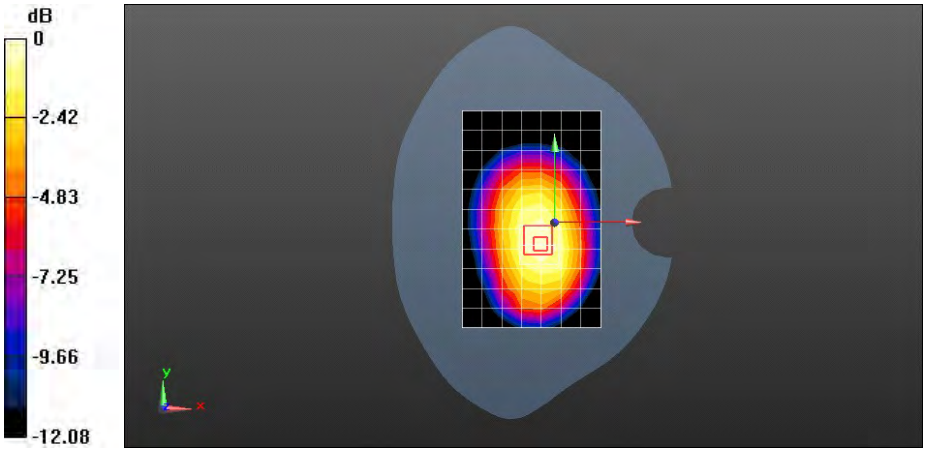
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

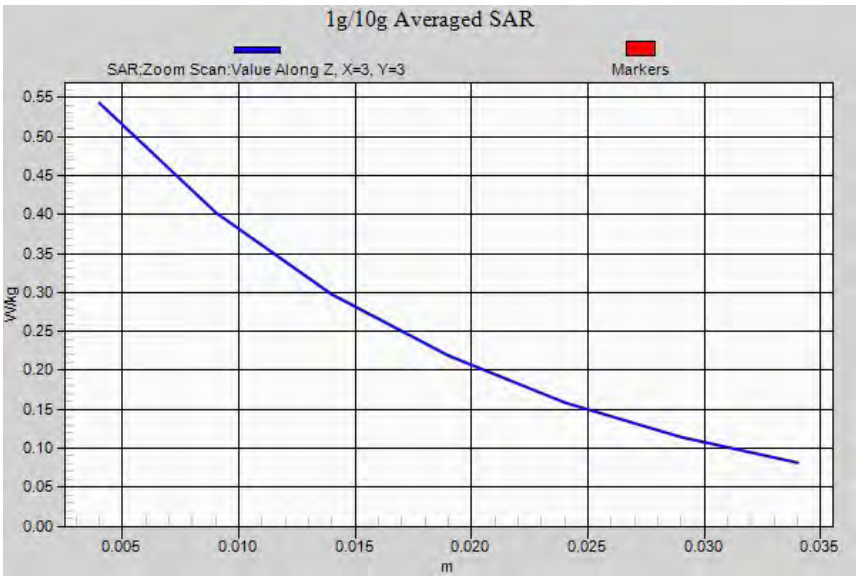
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.538 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.684 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.367 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg = -2.65 dBW/kg



Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Left edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

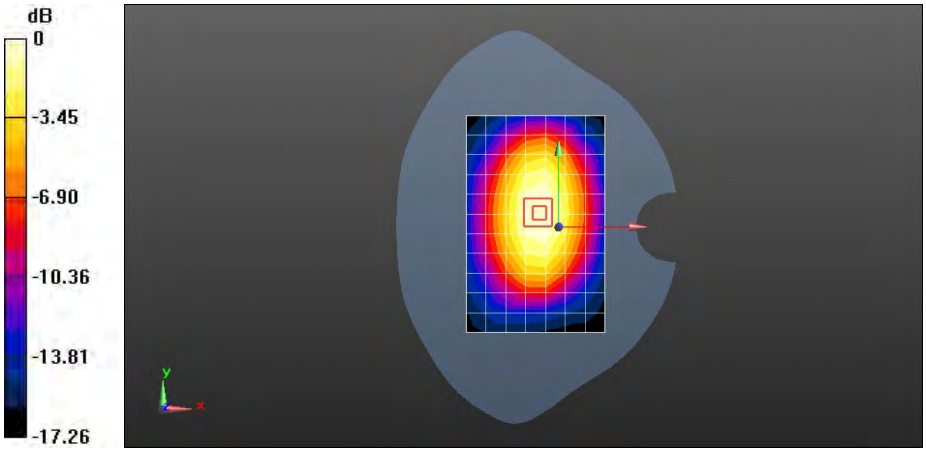
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.318 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.430 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.436 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.209 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Right edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

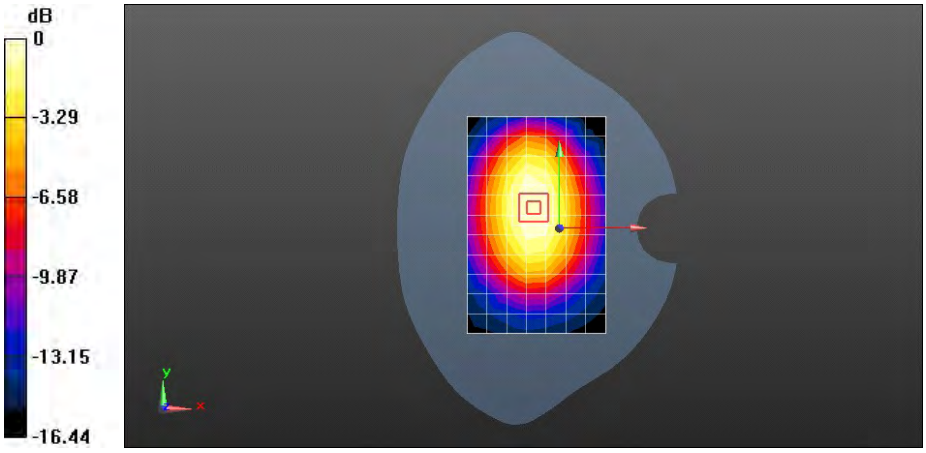
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.353 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.980 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.240 W/kg

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



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

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

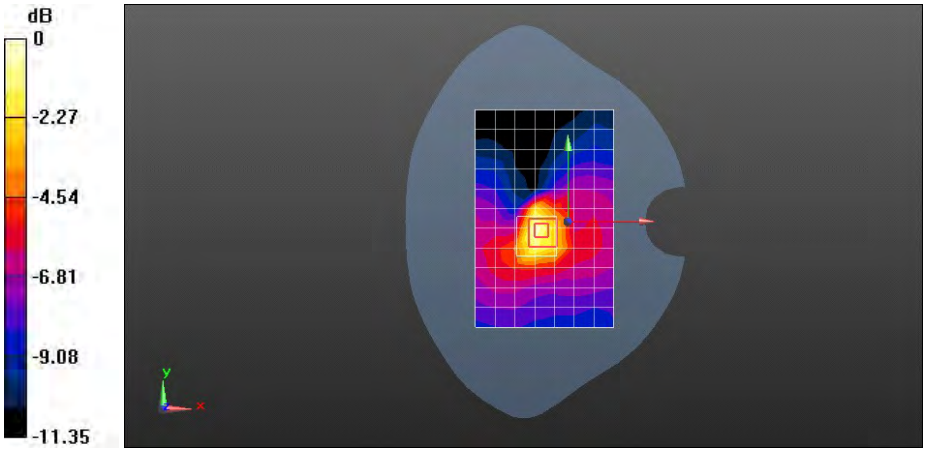
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0849 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.688 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.039 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.0849 W/kg = -10.71 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band V 4182CH Towards Ground 10mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.93 S/m; ε_r = 53.262; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

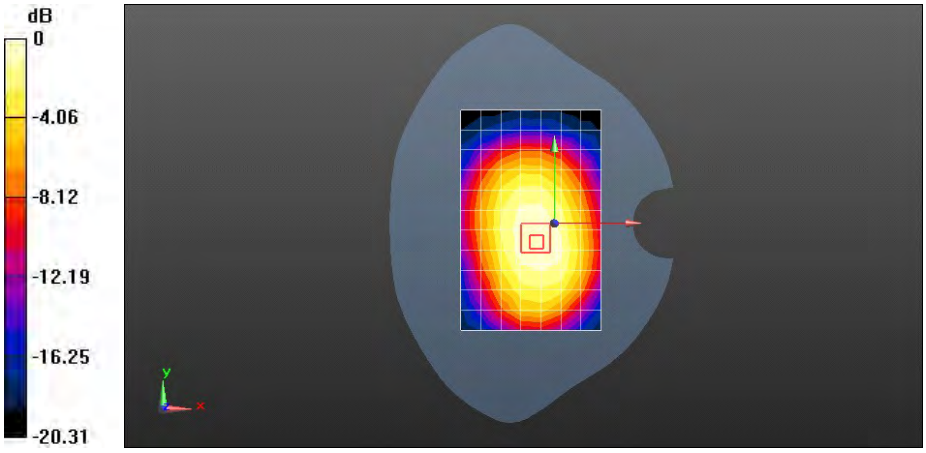
- Probe: EX3DV4 - SN3898; ConvF(9.58, 9.58, 9.58); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.526 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.929 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.365 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.526 W/kg = -2.79 dBW/kg

Date: 2013-5-15

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1513CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

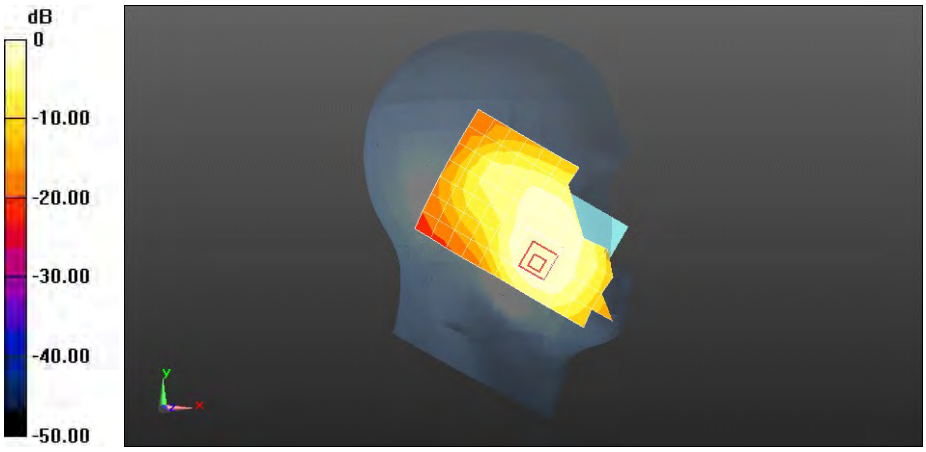
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.385 S/m; ε_r = 40.557; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.924 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.321 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.537 W/kg
Maximum value of SAR (measured) = 0.987 W/kg



0 dB = 0.924 W/kg = -0.34 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

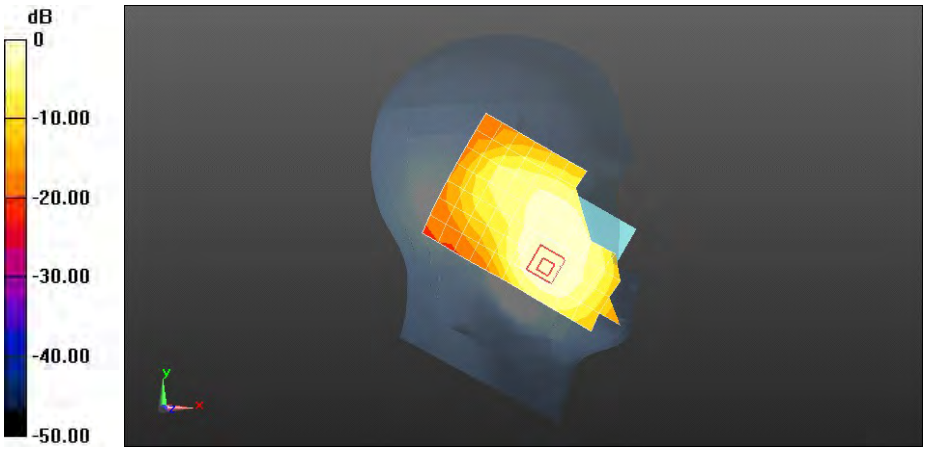
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.367 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.824 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.676 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.480 W/kg
Maximum value of SAR (measured) = 0.880 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1312CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.349 S/m; ε_r = 40.752; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

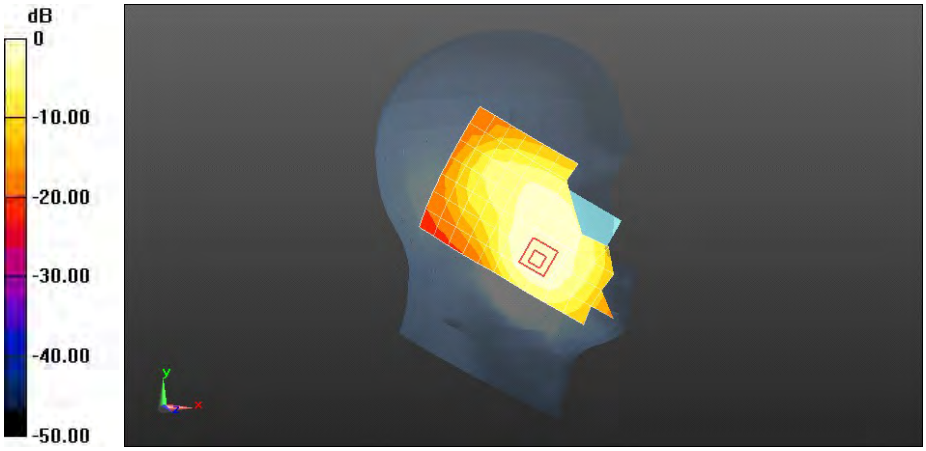
- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.026 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.585 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.02 W/kg = 0.07 dBW/kg

Date: 2013-5-15

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

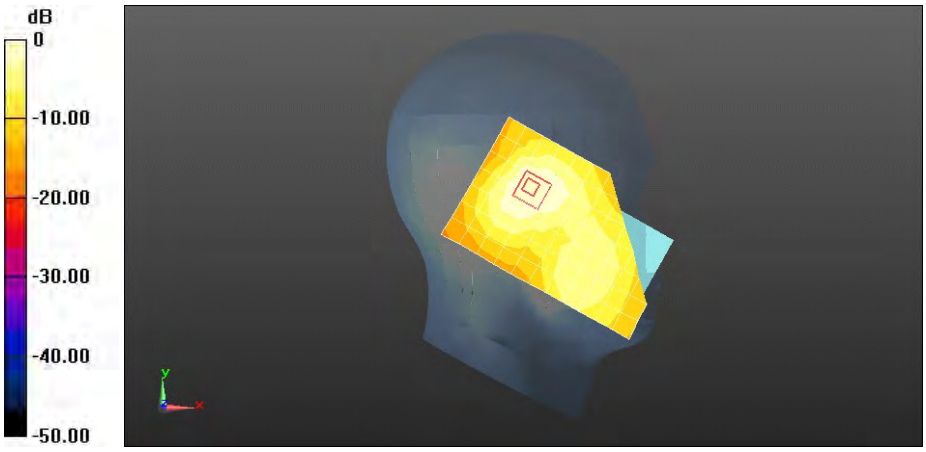
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.367 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.439 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.273 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.749 W/kg
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.439 W/kg = -3.57 dBW/kg

Date: 2013-5-15

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1513CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.385 S/m; ε_r = 40.557; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.941 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.155 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.579 W/kg
Maximum value of SAR (measured) = 1.06 W/kg

0 dB = 0.941 W/kg = -0.26 dBW/kg

Date: 2013-5-15

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.367 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.897 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.583 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.566 W/kg
Maximum value of SAR (measured) = 1.02 W/kg

0 dB = 0.897 W/kg = -0.47 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1312CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.349 S/m; ε_r = 40.752; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

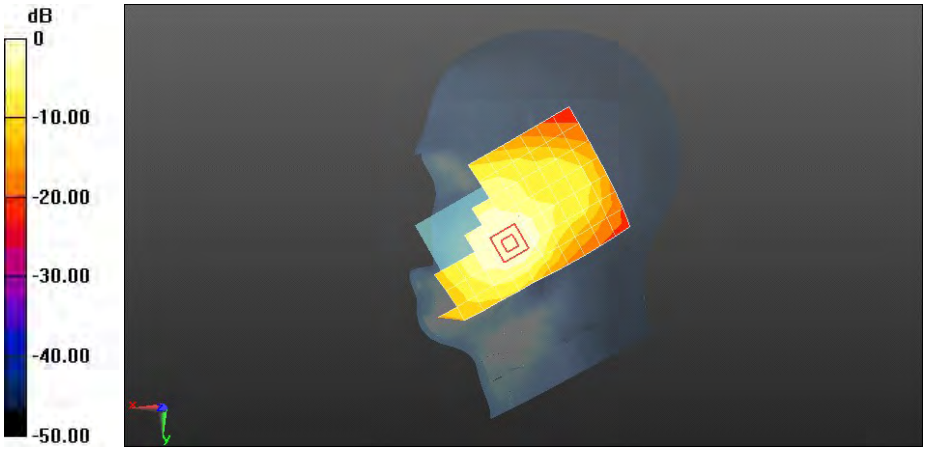
- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.08 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.298 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.679 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 W/kg



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

Date: 2013-5-15

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.367 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.416 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.685 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.428 W/kg

0 dB = 0.416 W/kg = -3.80 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1312CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.349 S/m; ε_r = 40.752; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

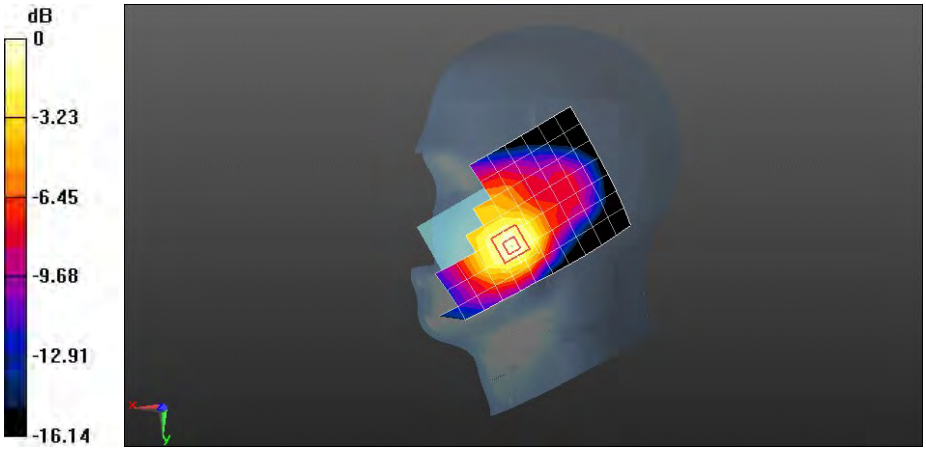
- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

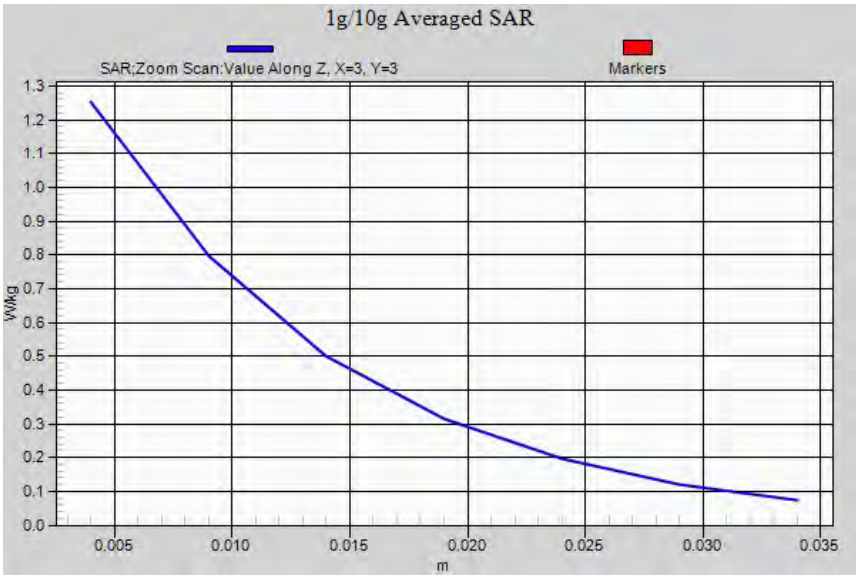
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.14 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.055 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.696 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg



Date: 2013-5-15

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1312CH Right hand touch cheek with battery 2#-repeated

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.349 S/m; ε_r = 40.752; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

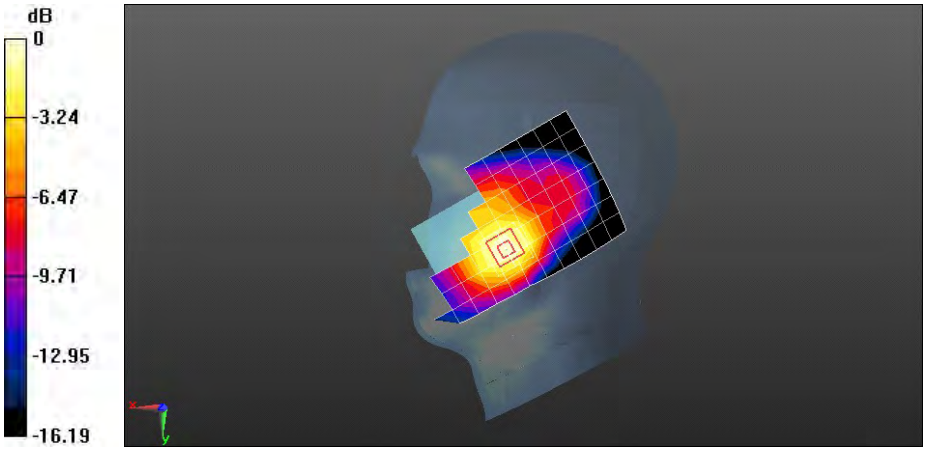
- Probe: EX3DV4 - SN3898; ConvF(8.19, 8.19, 8.19); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

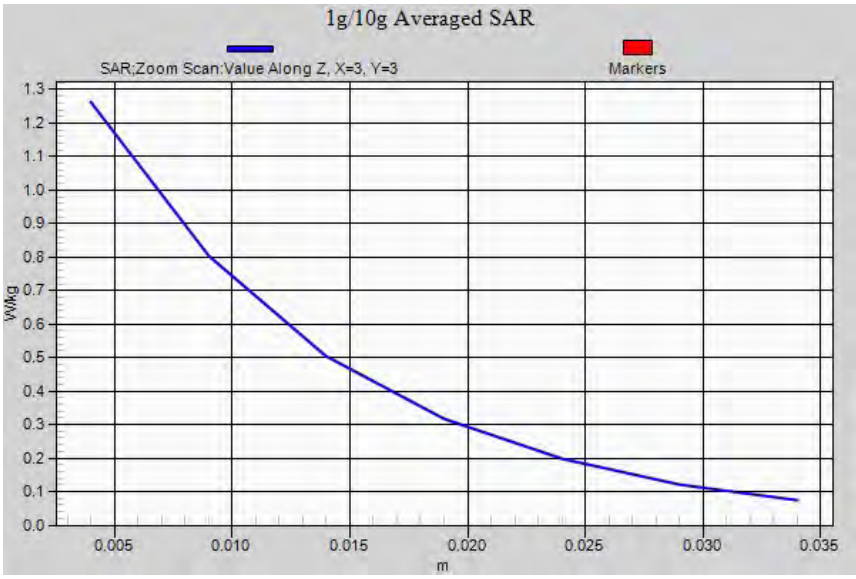
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.15 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.147 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.700 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg



Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

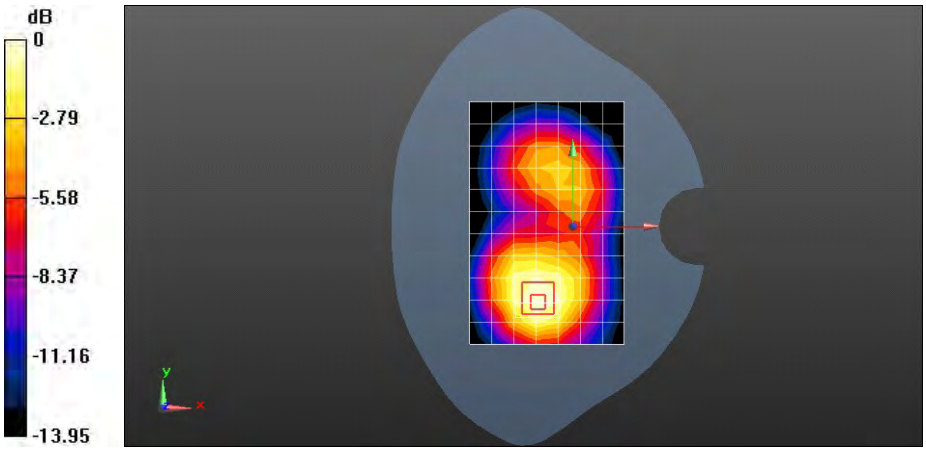
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.637 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.869 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 0.645 W/kg



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

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

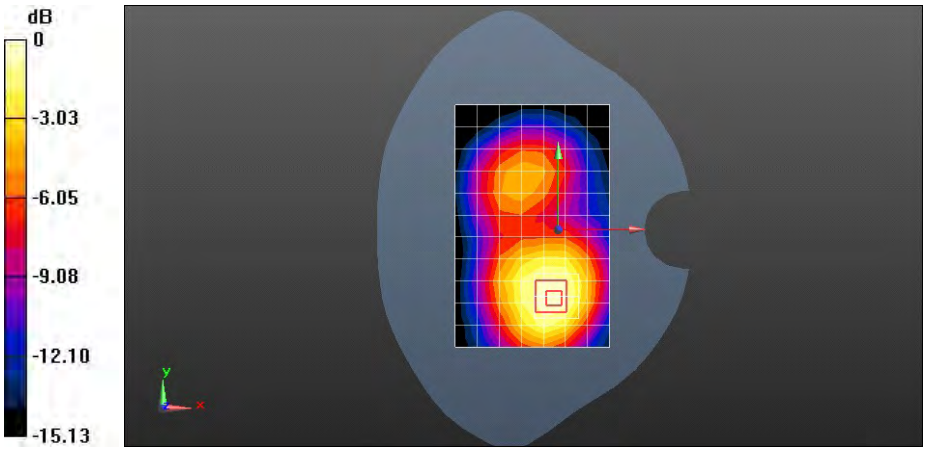
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.559 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.016 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.597 W/kg



0 dB = 0.597 W/kg = -2.24 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Towards Phantom 15mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

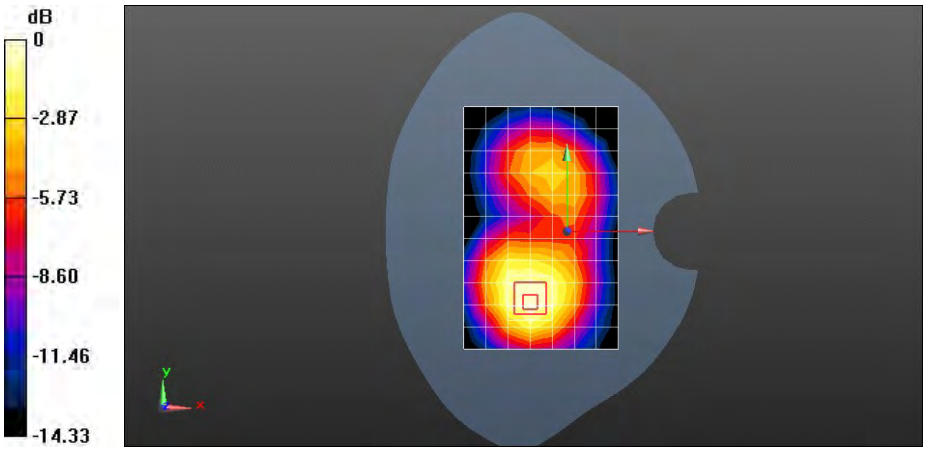
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

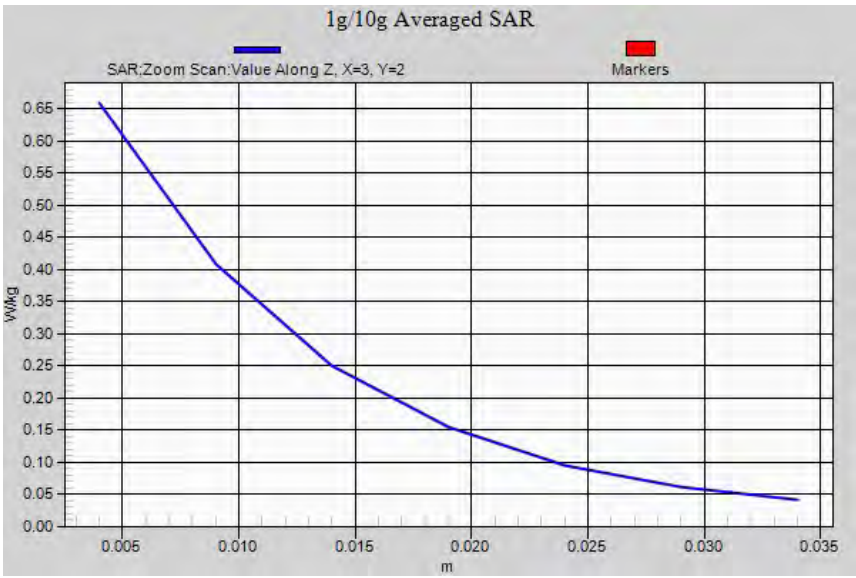
- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.654 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.421 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

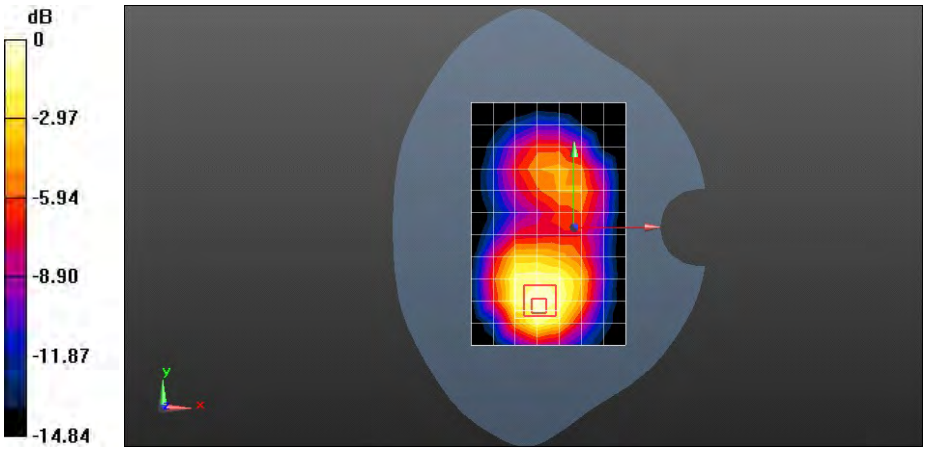
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.548 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.994 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.317 W/kg
Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.566 W/kg = -2.47 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

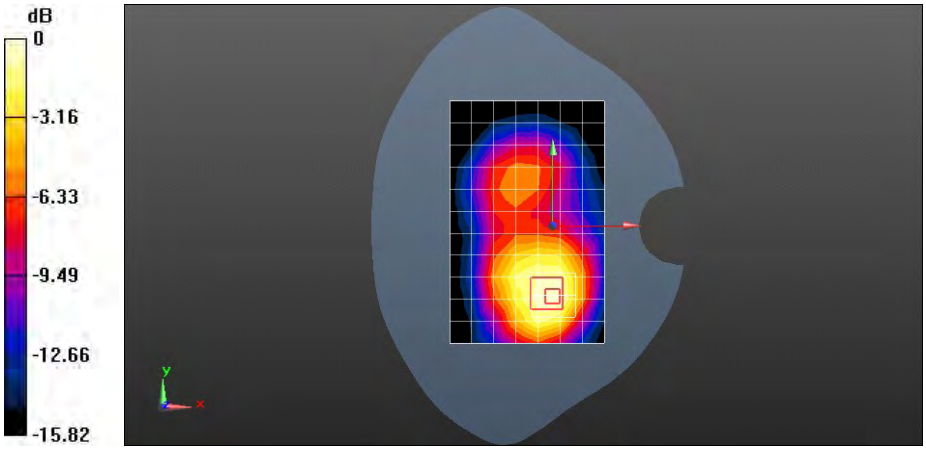
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.484 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.210 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg = -2.84 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Left edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

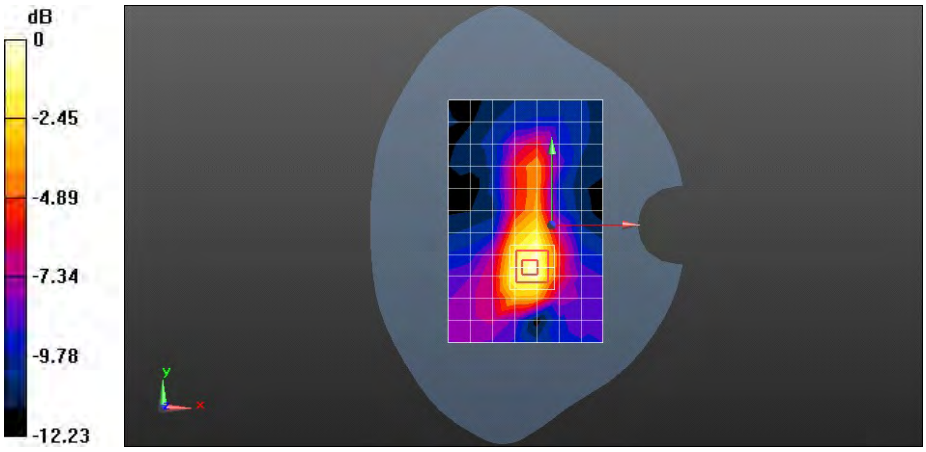
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.129 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.135 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.169 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.43 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Right edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

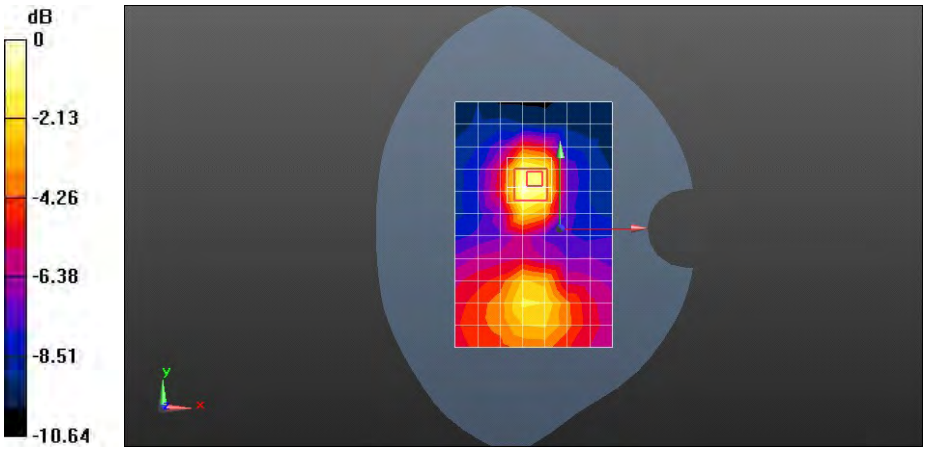
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0786 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.560 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.046 W/kg
Maximum value of SAR (measured) = 0.0874 W/kg



0 dB = 0.0874 W/kg = -10.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

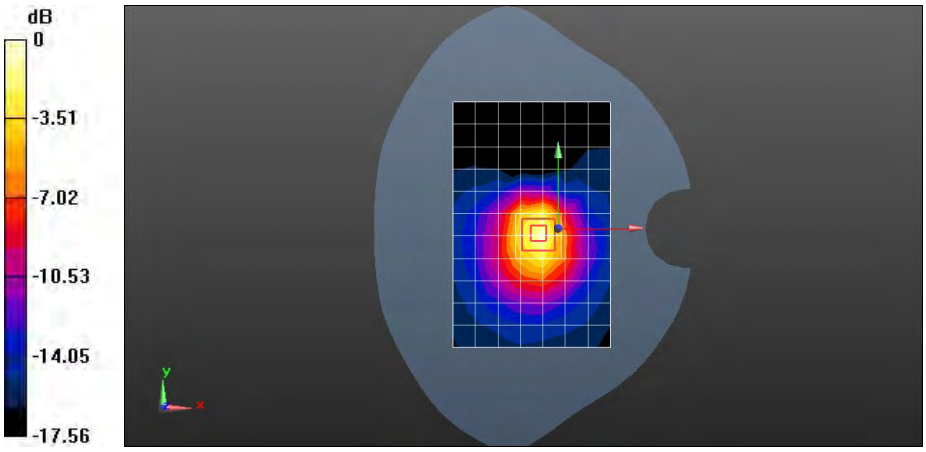
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

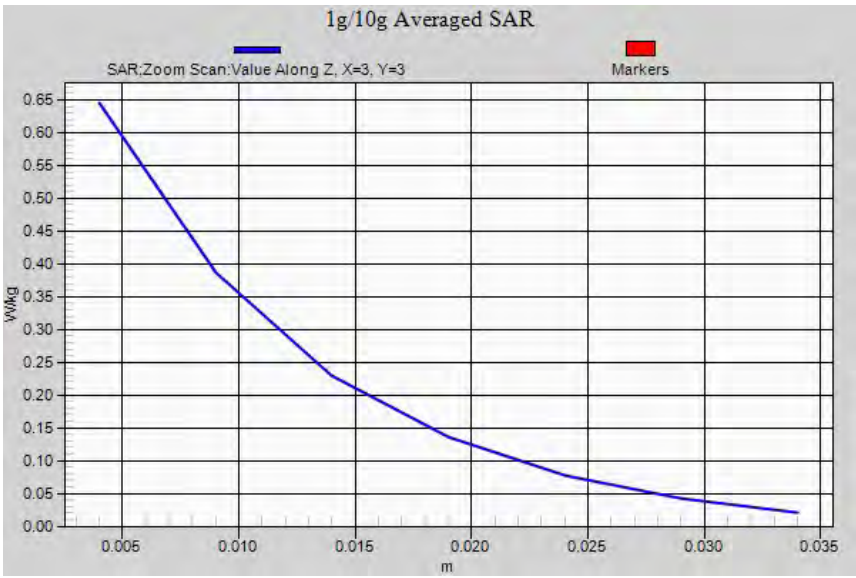
- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.600 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.954 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.997 W/kg
SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 0.645 W/kg



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



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band IV 1413CH Bottom edge 10mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

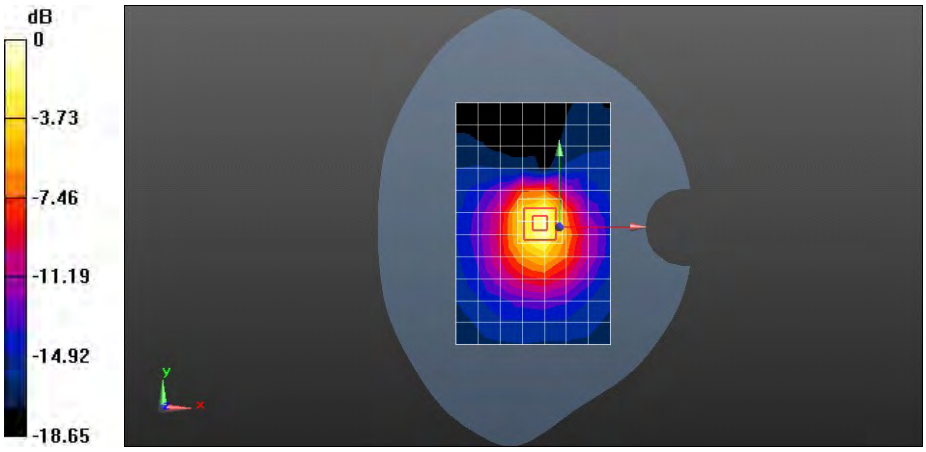
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.472 S/m; ε_r = 53.408; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(8.04, 8.04, 8.04); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.505 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.279 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.953 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Left Section

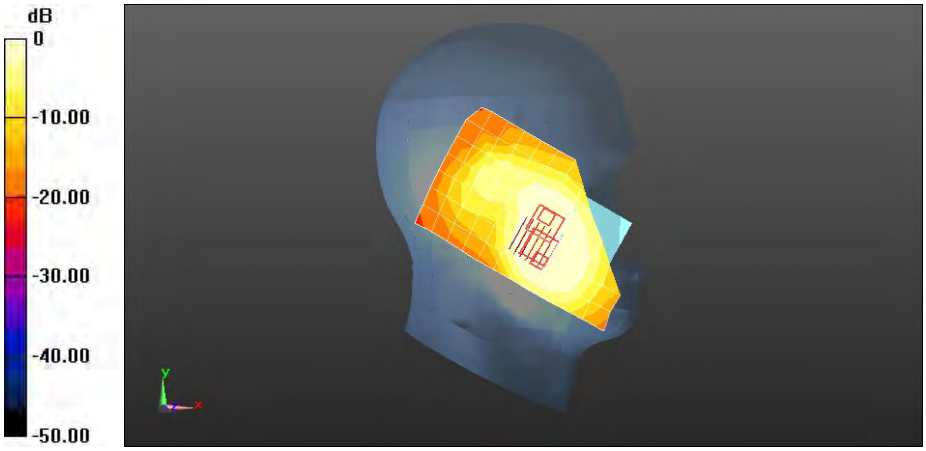
DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.709 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.879 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 0.725 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.879 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 0.773 W/kg



0 dB = 0.709 W/kg = -1.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

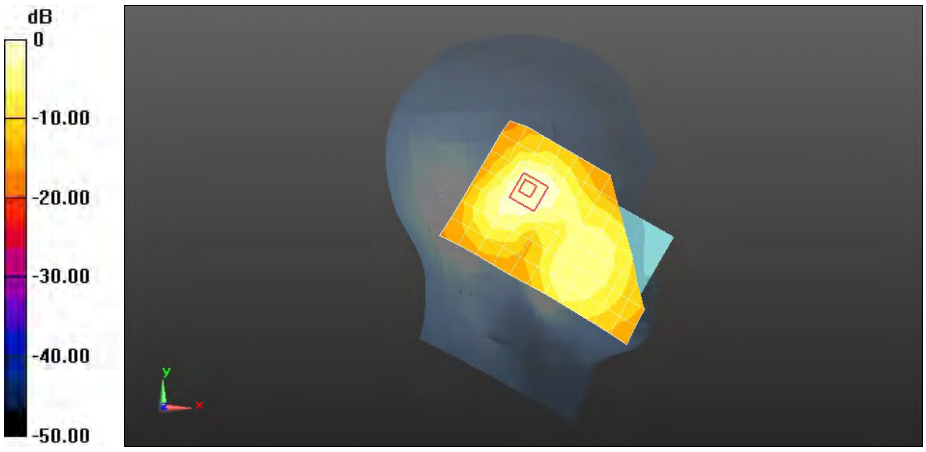
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.468 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.157 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.284 W/kg
Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.468 W/kg = -3.30 dBW/kg

Date: 2013-5-13

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9538CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

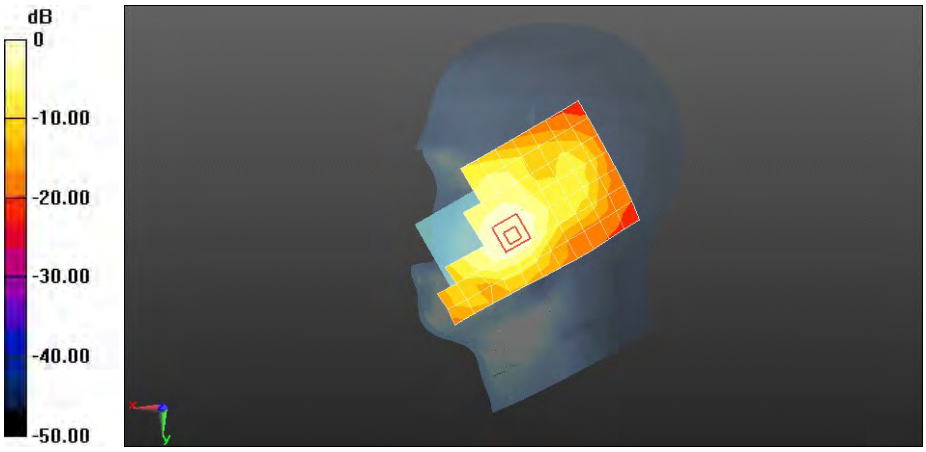
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.415 S/m; ε_r = 40.507; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.883 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.494 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.551 W/kg
Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.883 W/kg = -0.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

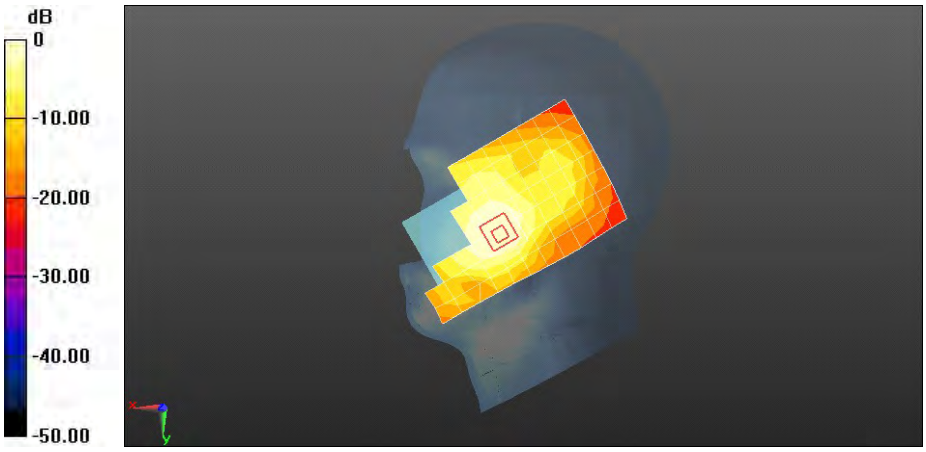
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.887 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.629 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.550 W/kg
Maximum value of SAR (measured) = 0.991 W/kg



0 dB = 0.887 W/kg = -0.52 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.371 S/m; ε_r = 40.689; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

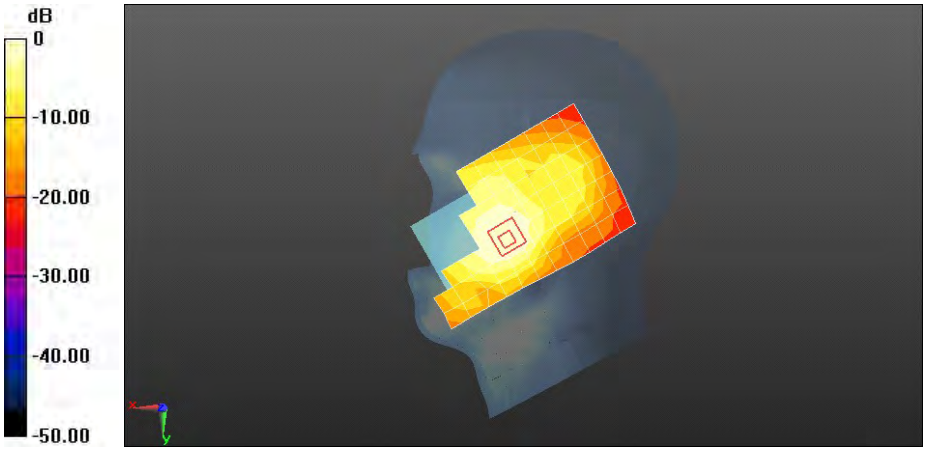
- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.05 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.253 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.652 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.05 W/kg = 0.20 dBW/kg

Date: 2013-5-13

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

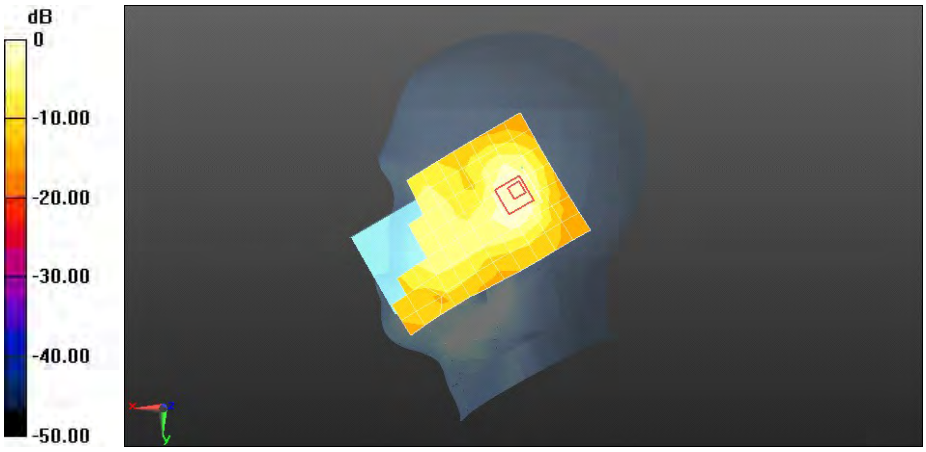
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 40.511; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.383 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.876 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Date: 2013-5-13

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.371 S/m; ε_r = 40.689; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

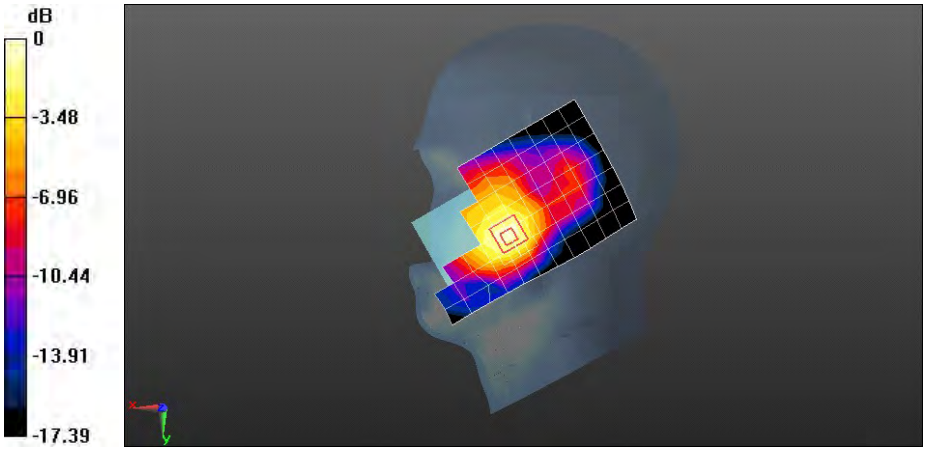
- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

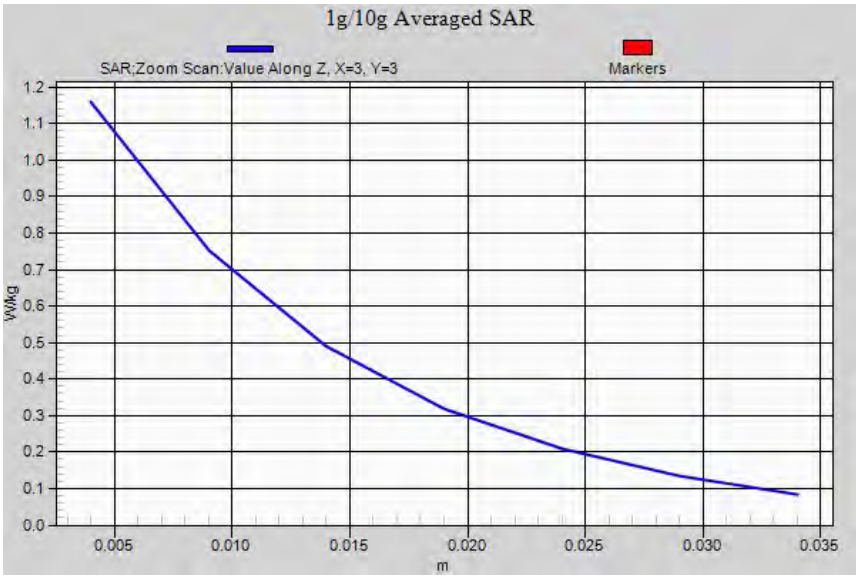
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.056 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.653 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Right hand touch cheek with battery 2#-repeated

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.371 S/m; ε_r = 40.689; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

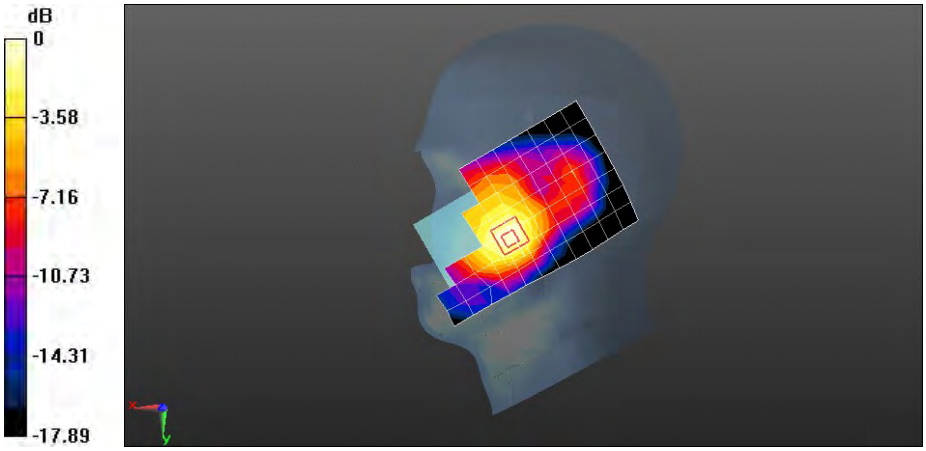
- Probe: EX3DV4 - SN3898; ConvF(7.94, 7.94, 7.94); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.211 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.652 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.14 W/kg



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

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9538CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

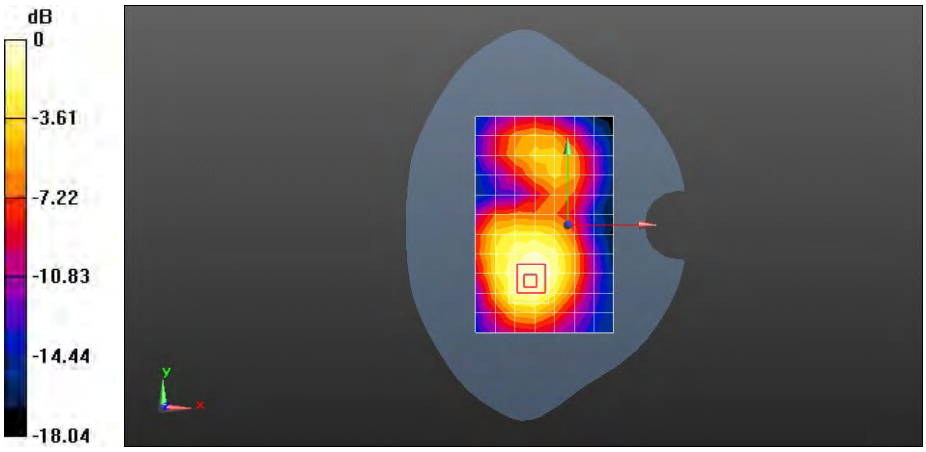
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.598 S/m; ε_r = 51.278; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.877 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.333 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.501 W/kg
Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

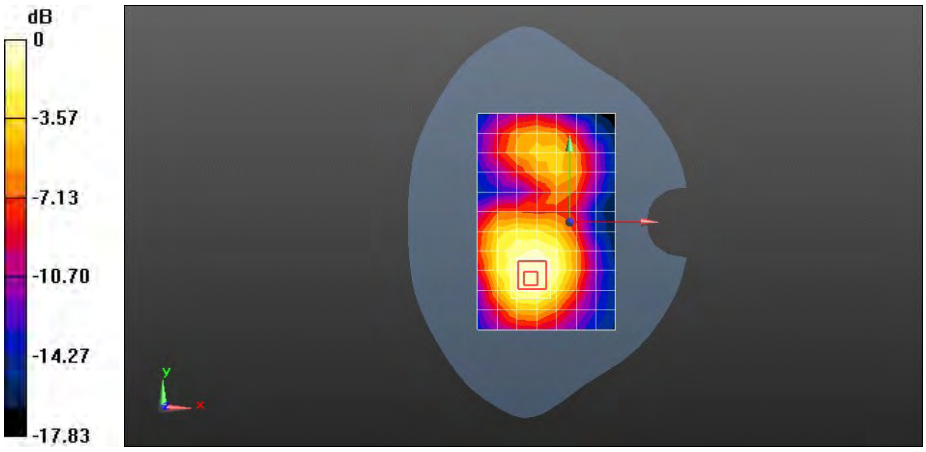
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 51.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.861 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.680 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.503 W/kg
Maximum value of SAR (measured) = 0.914 W/kg



0 dB = 0.861 W/kg = -0.65 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.537 S/m; ε_r = 51.374; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

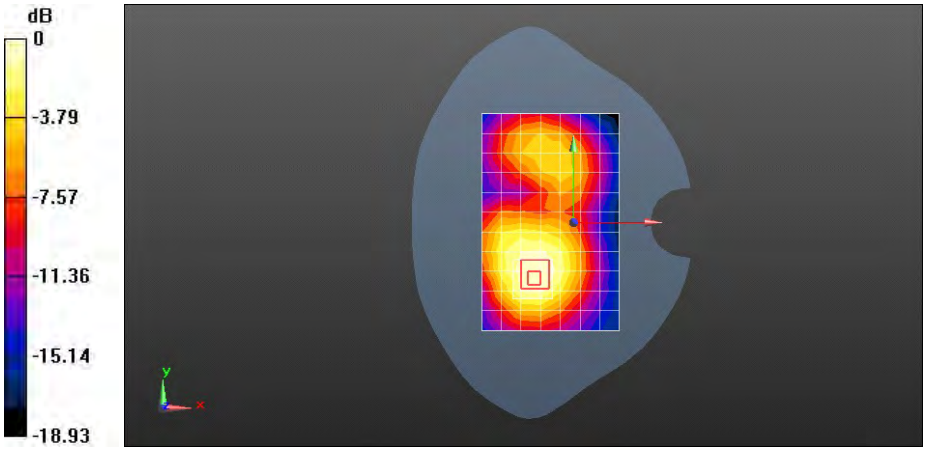
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.187 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.594 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.01 W/kg = 0.03 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

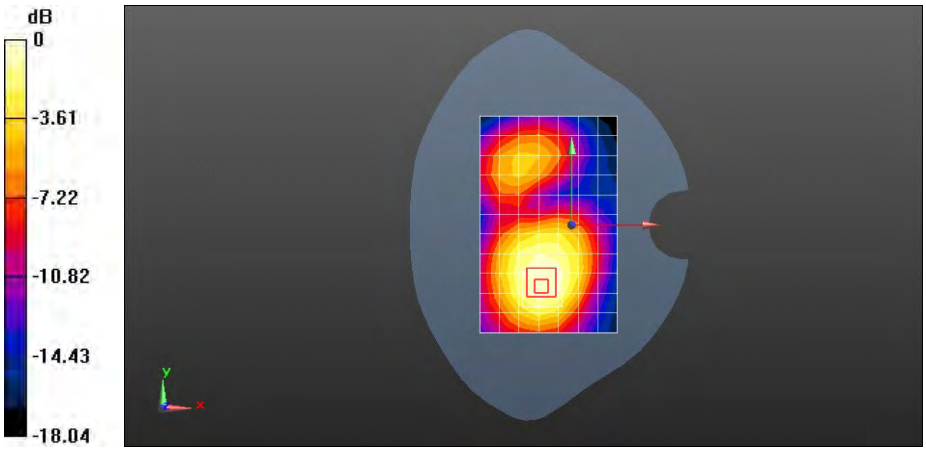
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 51.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.730 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.985 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.730 W/kg = -1.37 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Towards Phantom 15mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.537 S/m; ε_r = 51.374; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

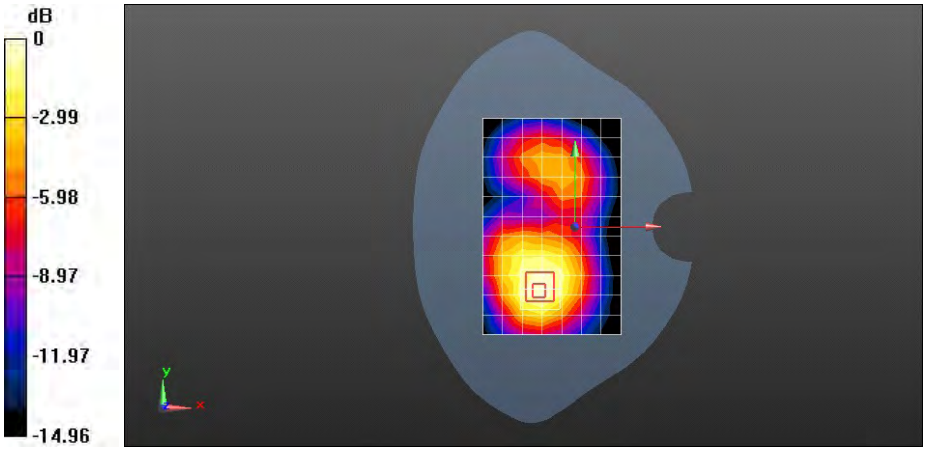
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

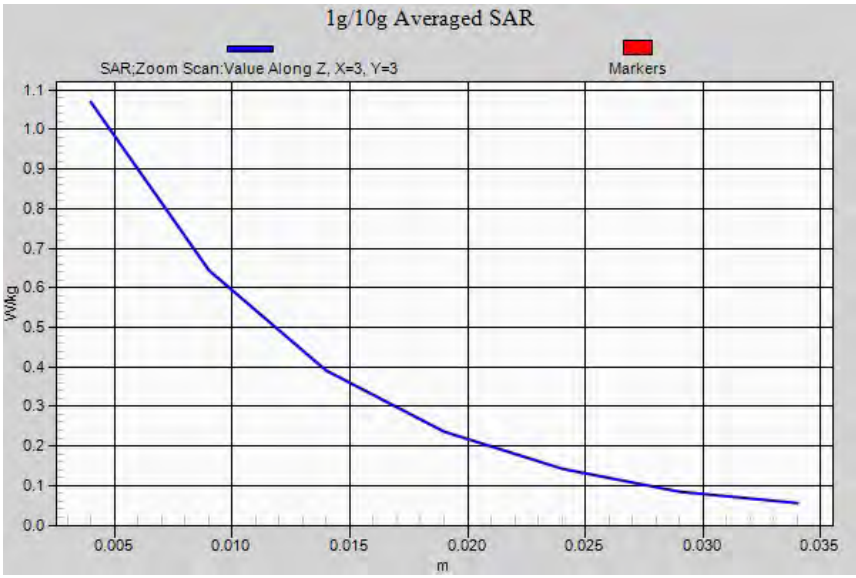
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.098 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.596 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg



Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Towards Phantom 15mm with battery 2#-repeated

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.537 S/m; ε_r = 51.374; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

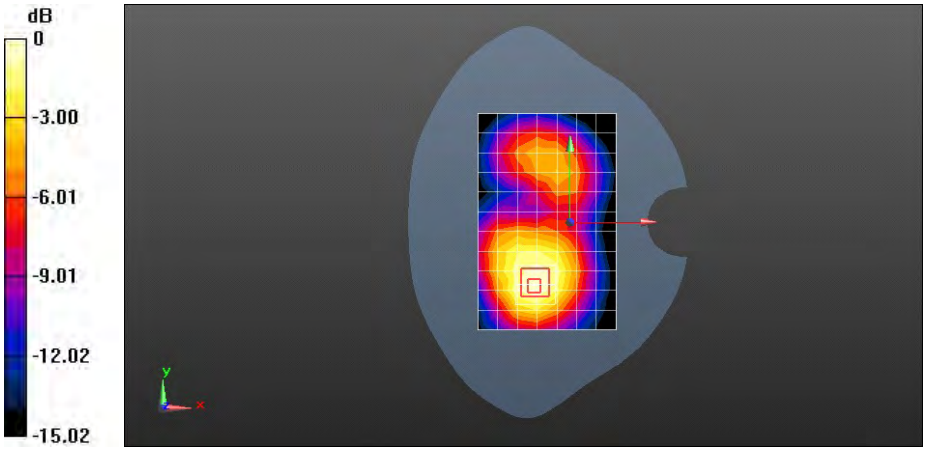
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

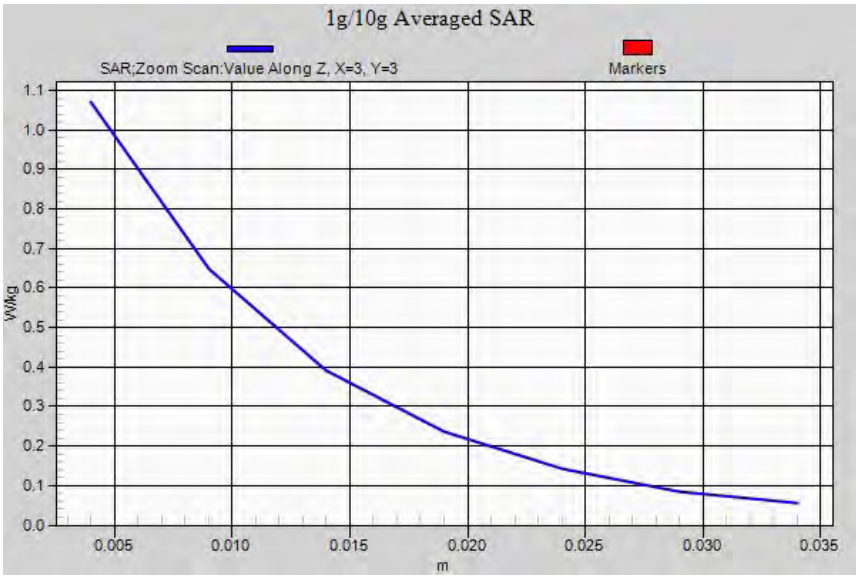
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.05 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.195 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.599 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9538CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

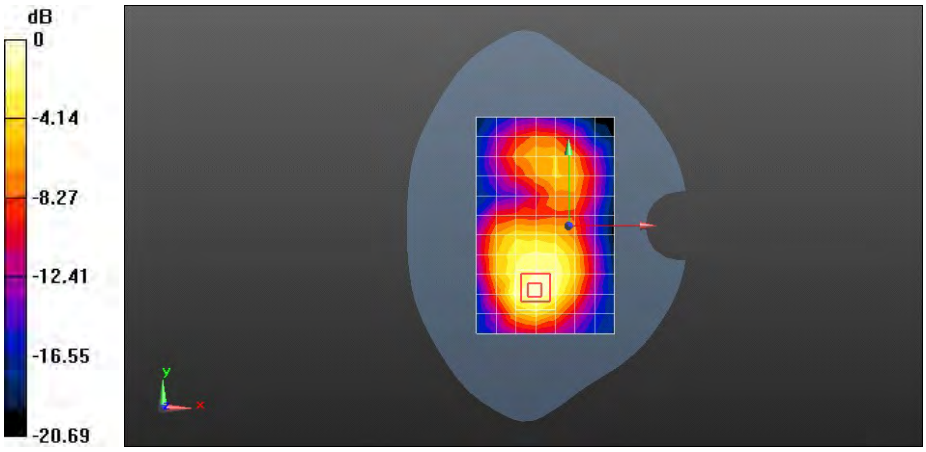
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.598 S/m; ε_r = 51.278; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.827 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.520 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.432 W/kg
Maximum value of SAR (measured) = 0.850 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

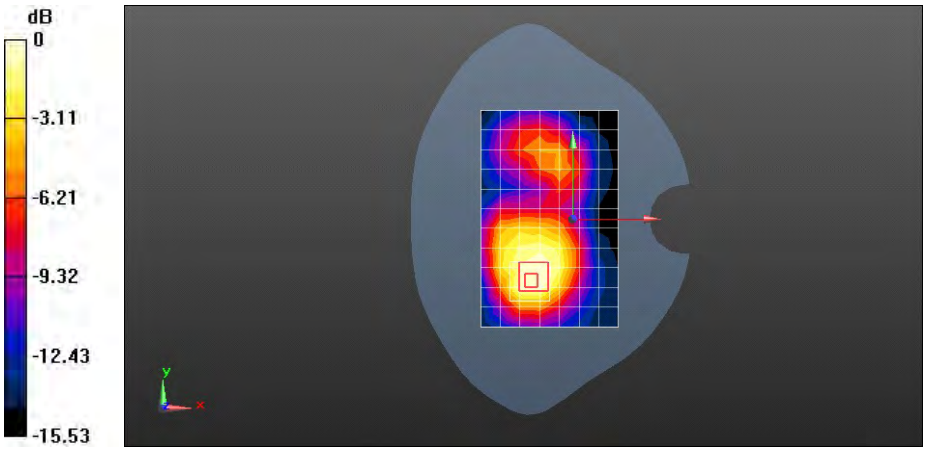
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 51.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.677 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.845 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 0.822 W/kg



0 dB = 0.677 W/kg = -1.70 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.537 S/m; ε_r = 51.374; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

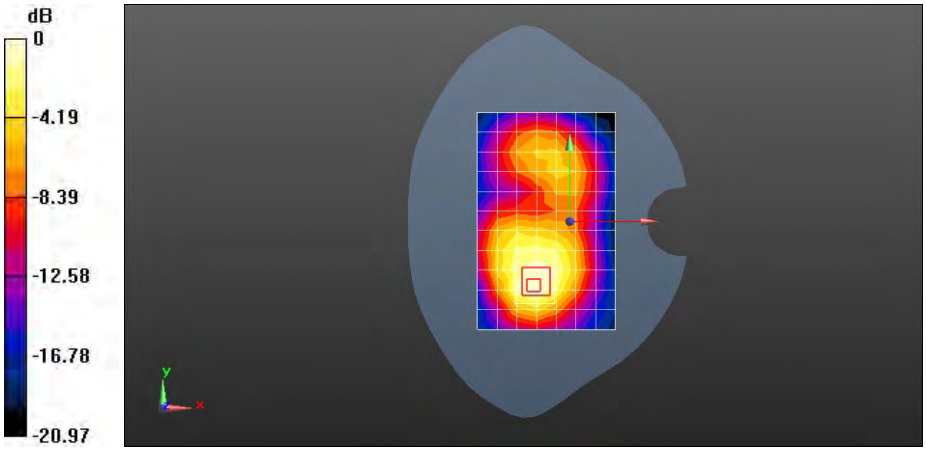
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.913 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.643 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.503 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.913 W/kg = -0.39 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

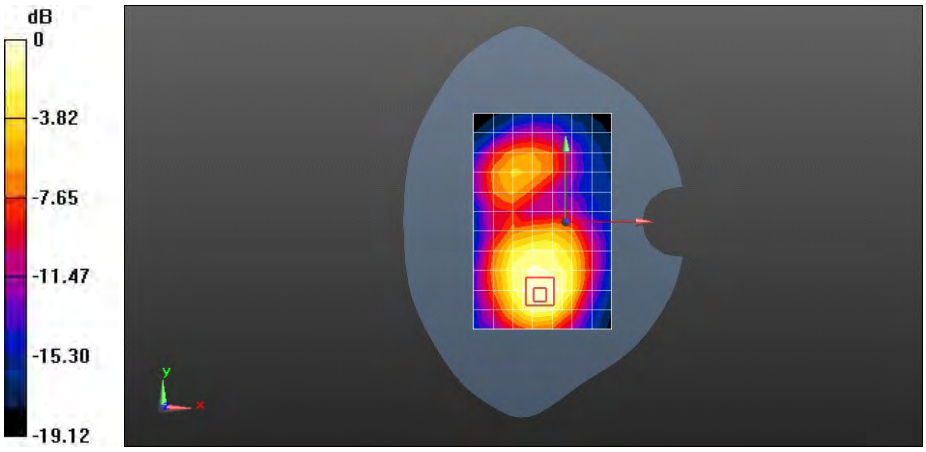
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 51.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.632 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.861 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.361 W/kg
Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.632 W/kg = -1.99 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Left edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

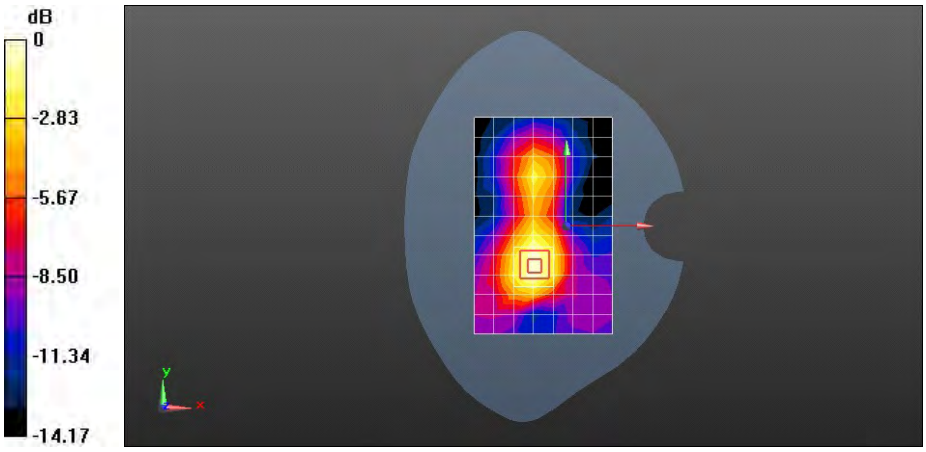
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 51.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.212 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.569 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.114 W/kg
Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Right edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 51.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

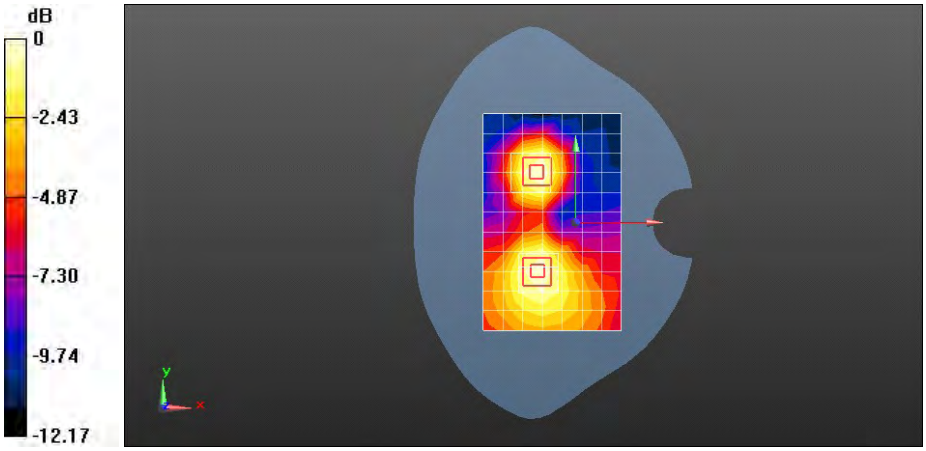
DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.124 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.427 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.130 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.427 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.115 W/kg



0 dB = 0.115 W/kg = -9.39 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9538CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

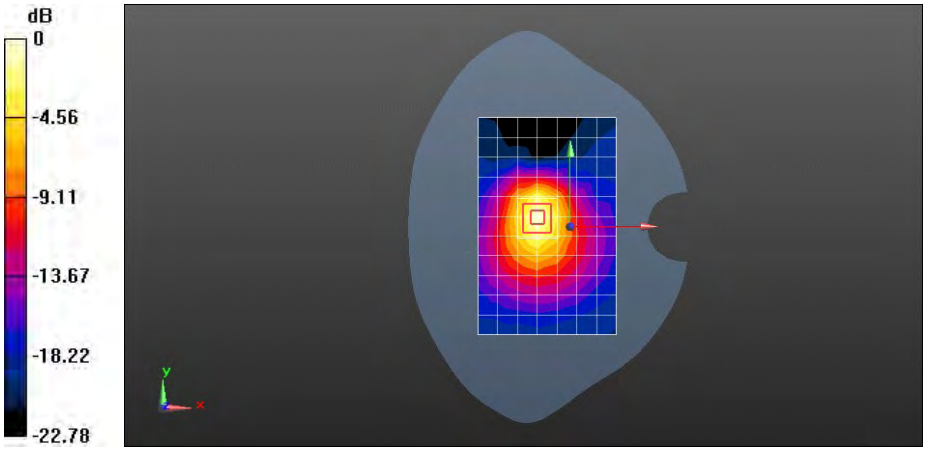
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.598 S/m; ε_r = 51.278; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.785 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.479 W/kg



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

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9400CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

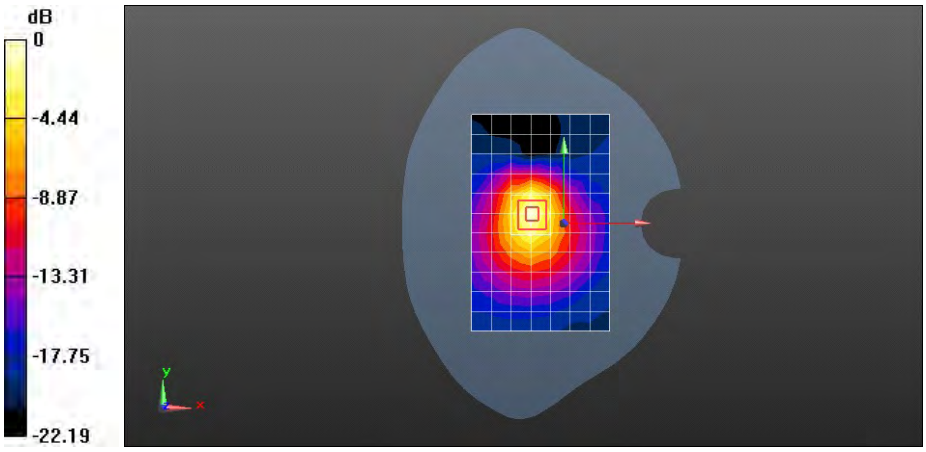
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.568 S/m; ε_r = 51.326; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.620 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.02 W/kg = 0.10 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Bottom edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.537 S/m; ε_r = 51.374; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

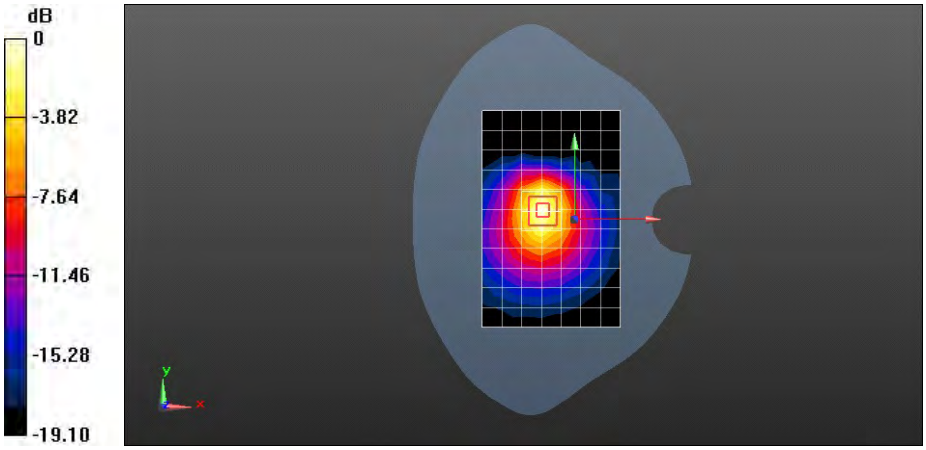
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.13 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.148 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.520 W/kg

Info: Interpolated medium parameters used for SAR evaluation.



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

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Bottom edge 10mm-repeated

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.537 S/m; ε_r = 51.374; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

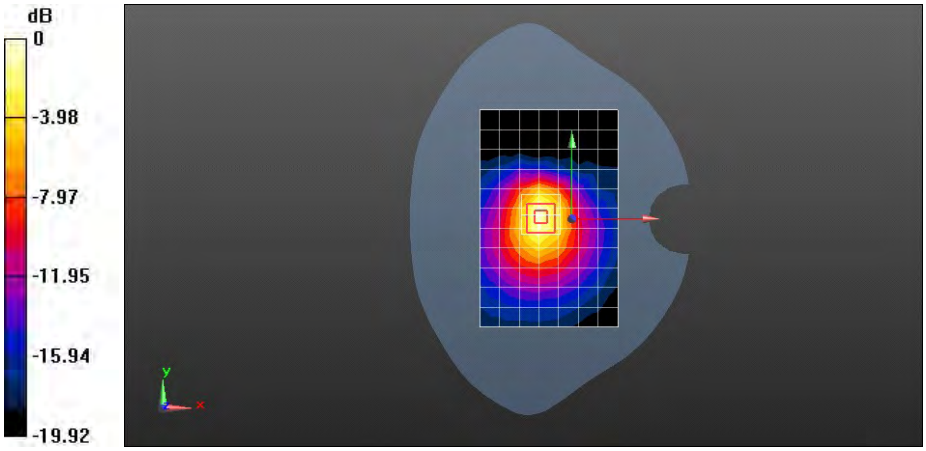
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

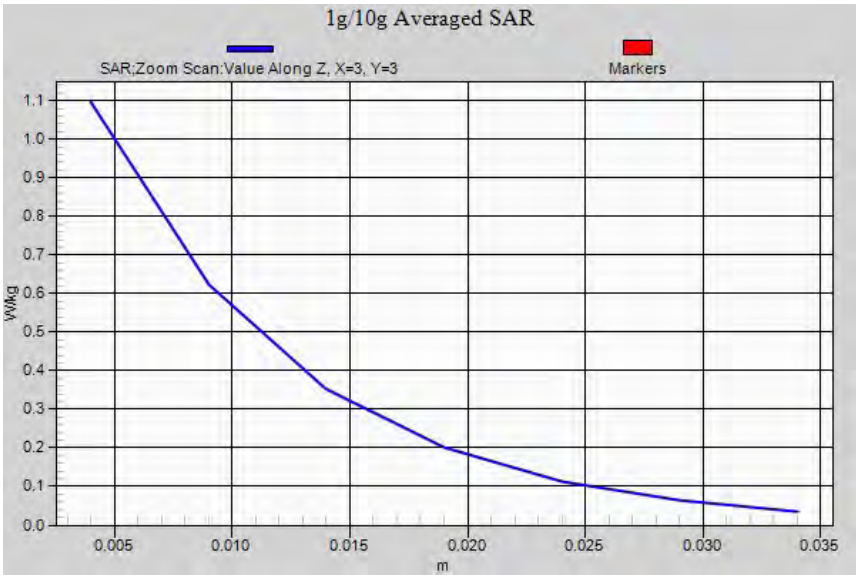
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.996 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.826 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.504 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg



Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 UMTS Band II 9262CH Bottom edge 10mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.537 S/m; ε_r = 51.374; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

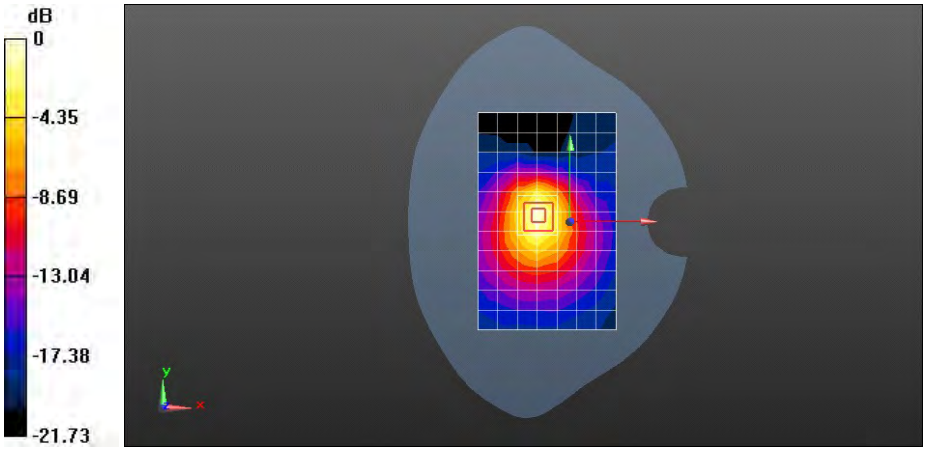
- Probe: EX3DV4 - SN3898; ConvF(7.52, 7.52, 7.52); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.171 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.482 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.01 W/kg = 0.06 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Left hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

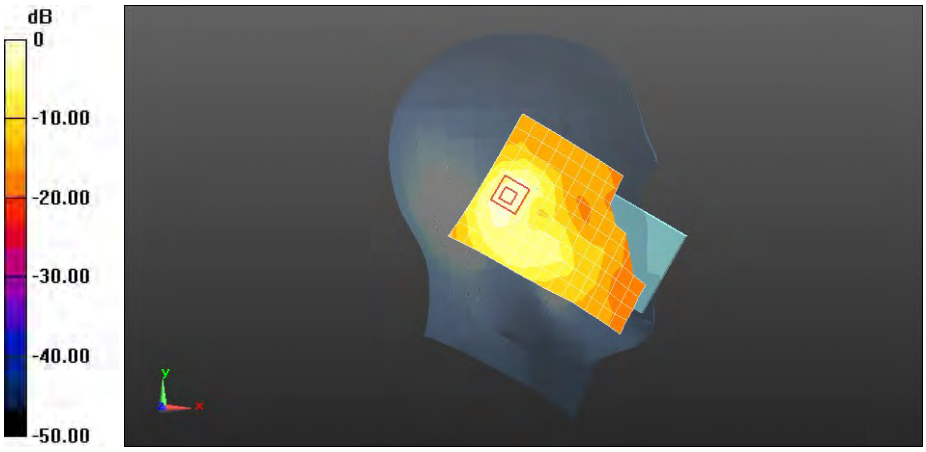
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.816 S/m; ε_r = 39.503; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.442 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.180 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.814 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.442 W/kg = -3.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

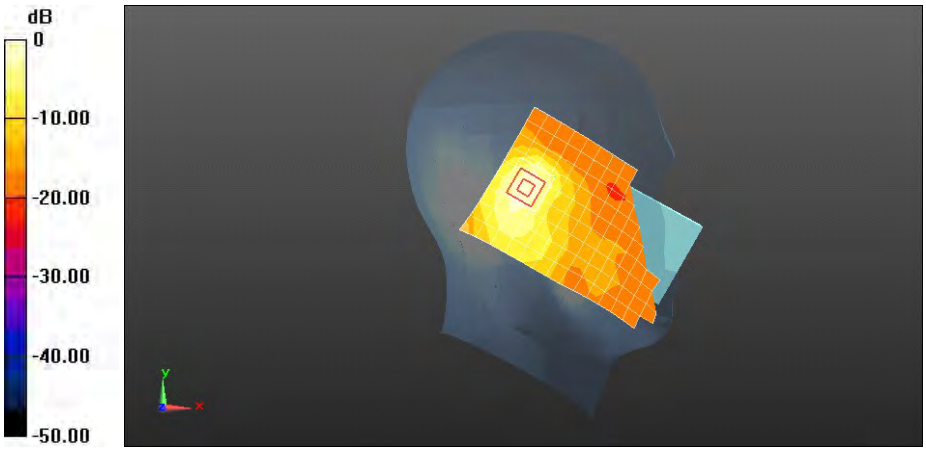
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.816 S/m; ε_r = 39.503; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.550 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.798 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 0.558 W/kg



0 dB = 0.550 W/kg = -2.60 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Right hand touch cheek

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

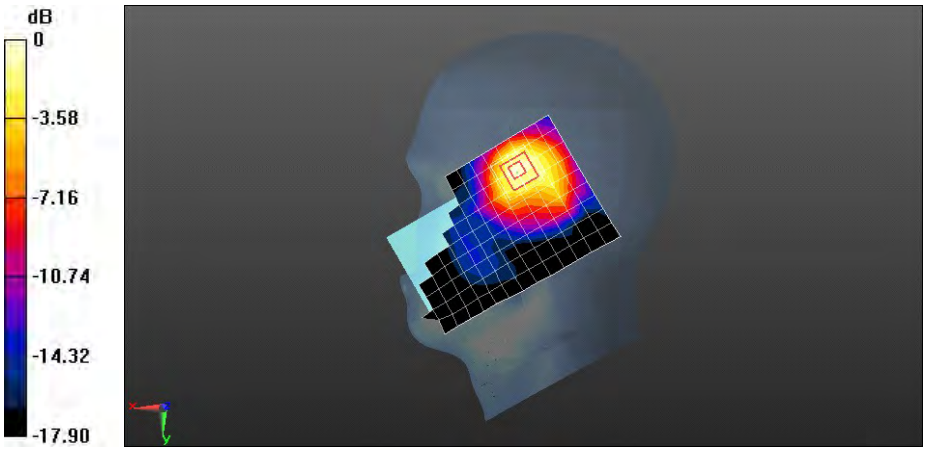
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.816 S/m; ε_r = 39.503; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

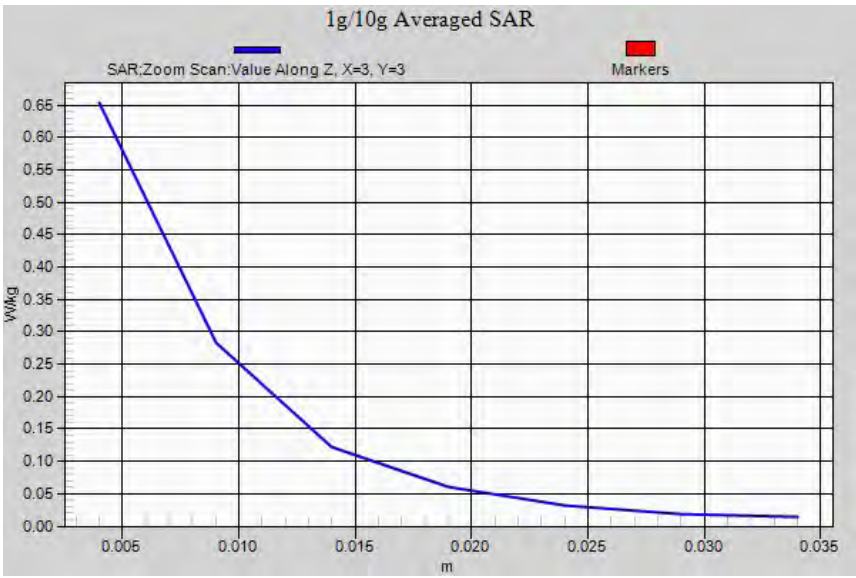
- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.593 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.647 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.653 W/kg



0 dB = 0.653 W/kg = -1.85 dBW/kg



Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

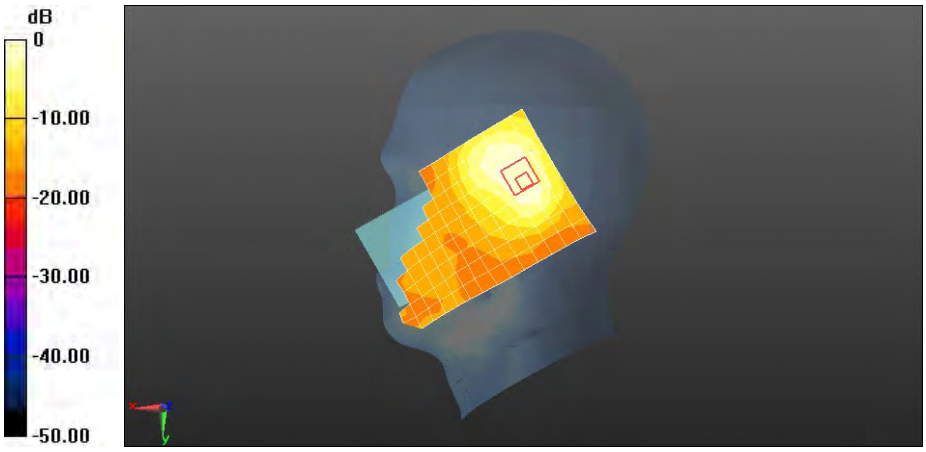
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.816 S/m; ε_r = 39.503; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.437 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.760 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.437 W/kg = -3.59 dBW/kg

Date: 2013-5-11

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

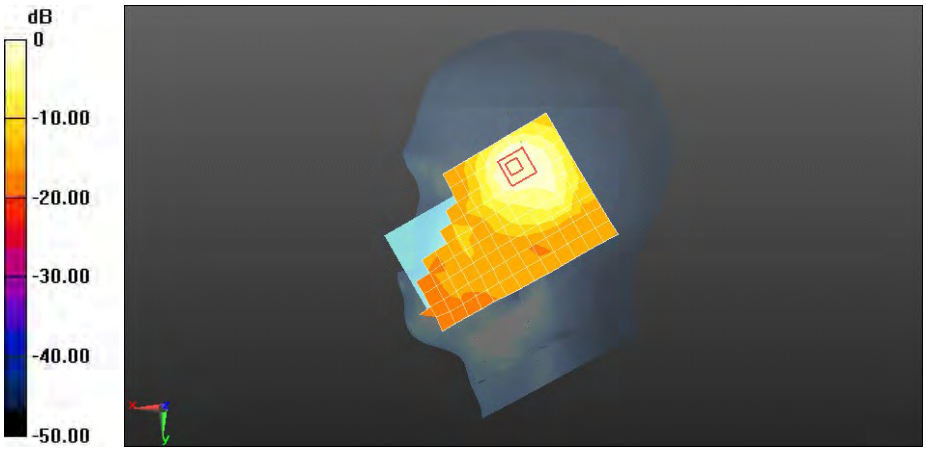
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.816 S/m; ε_r = 39.503; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.420 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.347 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.464 W/kg



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

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Towards Phantom 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

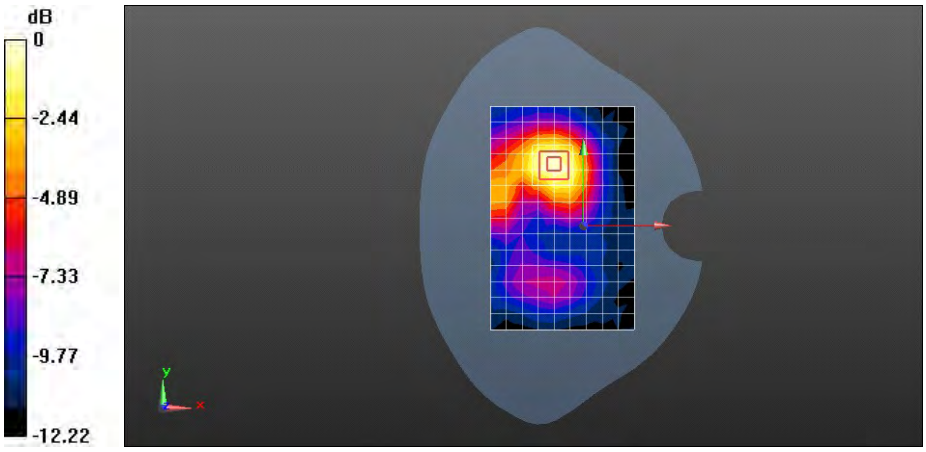
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.210 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.661 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Towards Ground 15mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

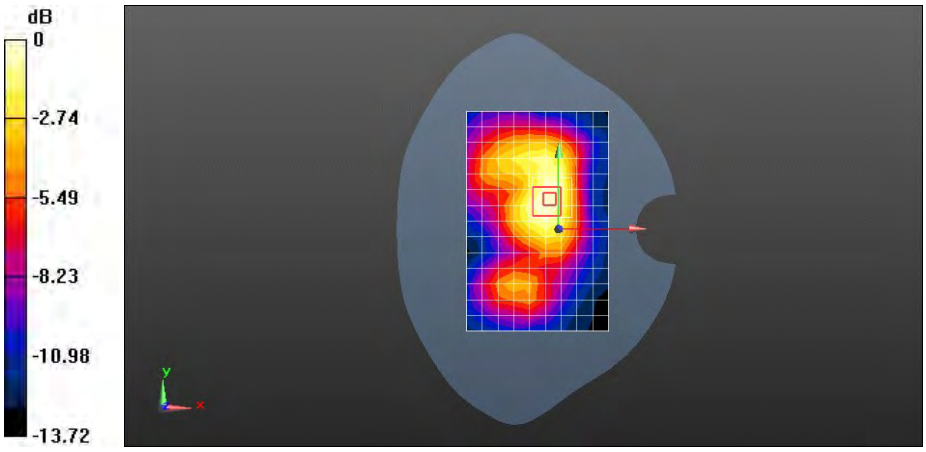
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.292 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.703 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.561 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.156 W/kg
Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Towards Ground 15mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

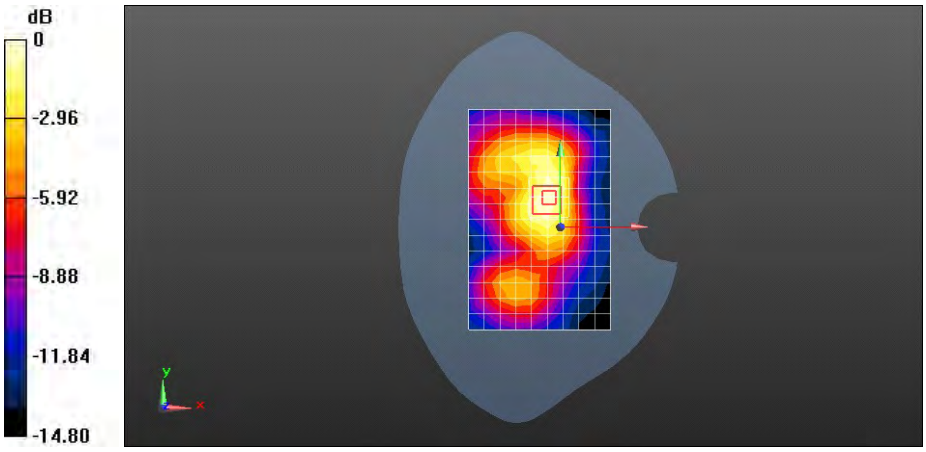
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

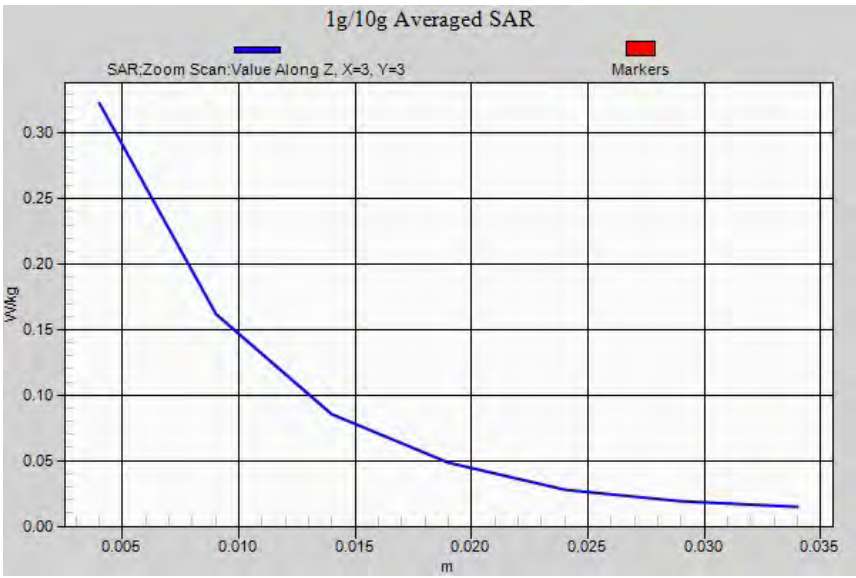
- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.318 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.290 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg



Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Towards Phantom 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

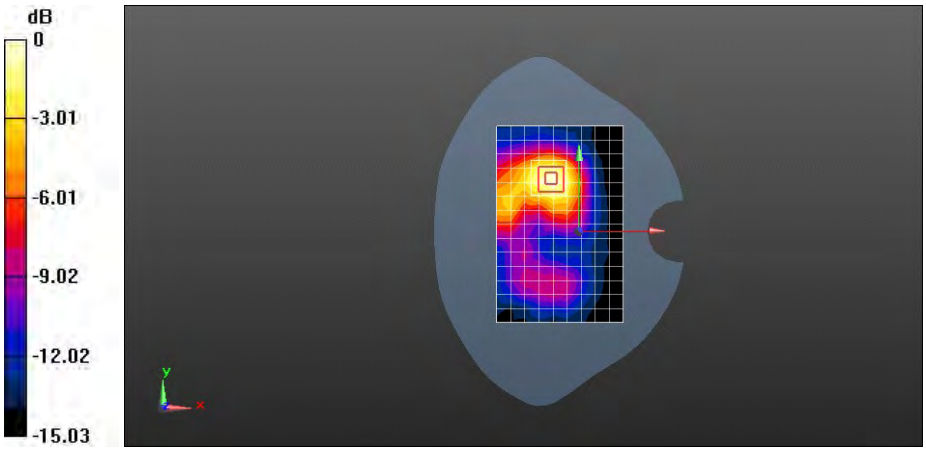
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.364 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.364 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.687 W/kg
SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.364 W/kg = -4.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Towards Ground 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

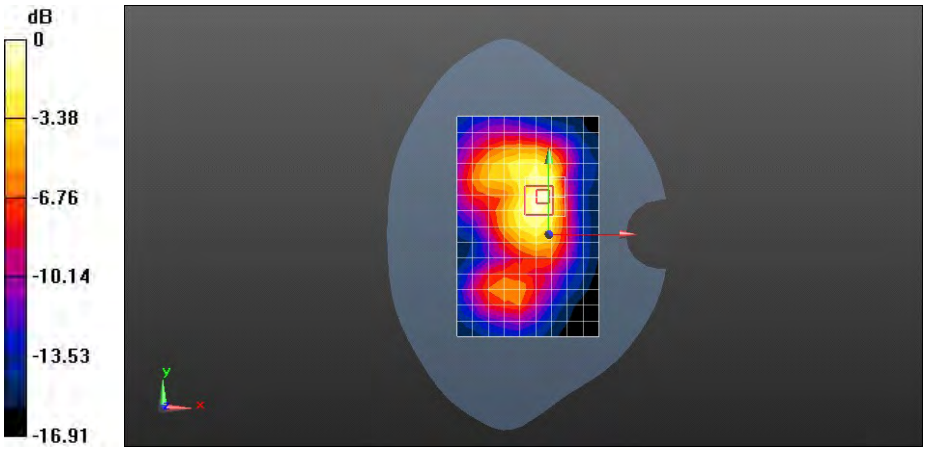
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

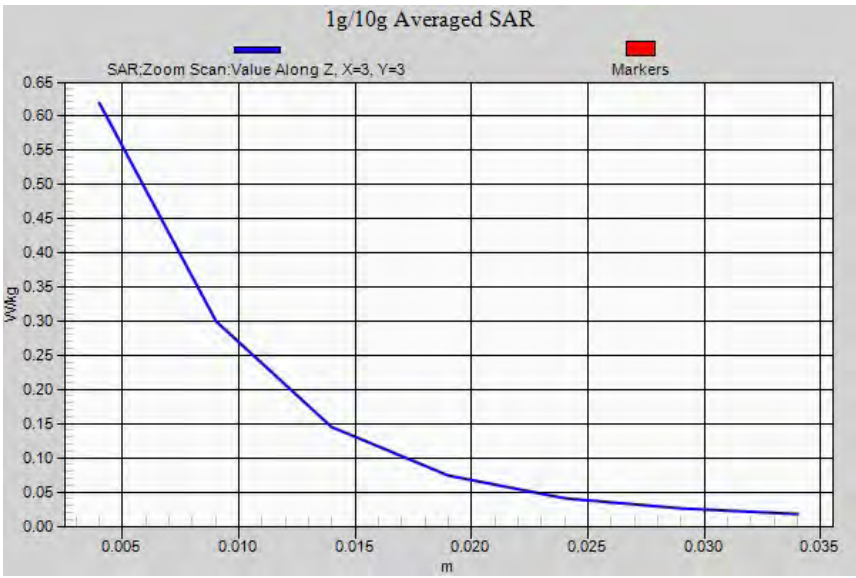
- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.540 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.054 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg



Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Left edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

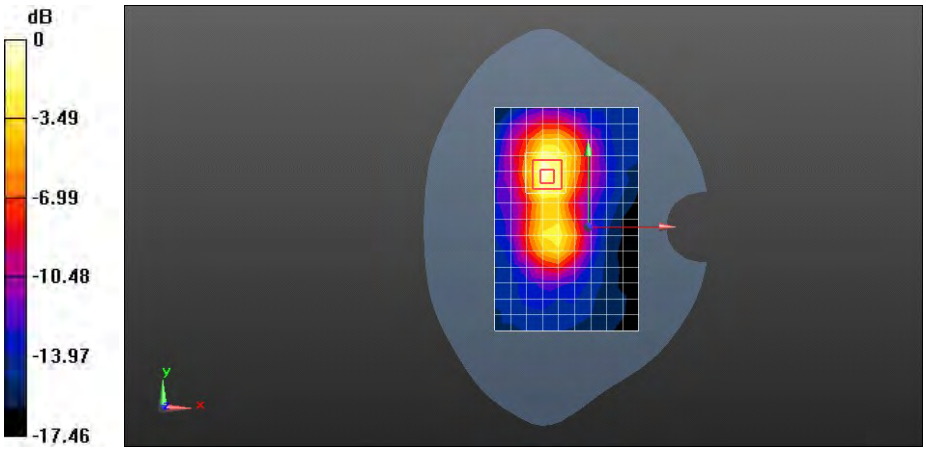
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.608 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.024 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.642 W/kg



0 dB = 0.608 W/kg = -2.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Top edge 10mm

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

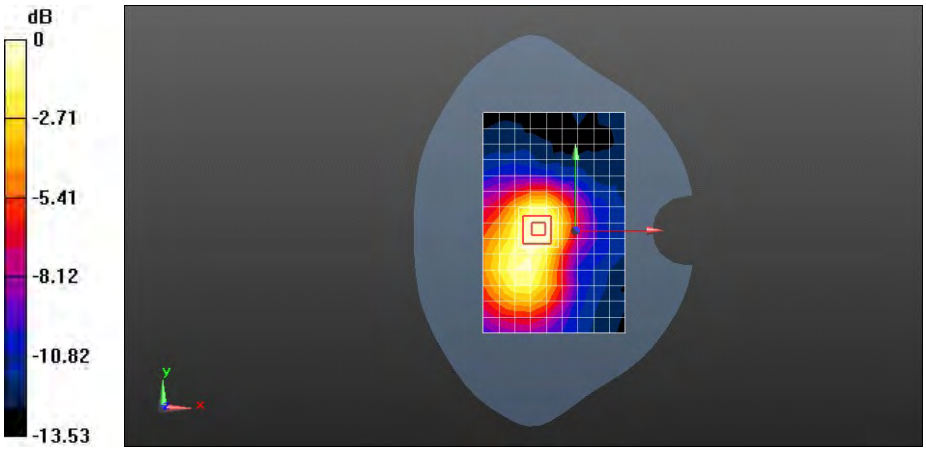
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.212 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.023 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.437 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

Date: 2013-5-14

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A1 WIFI 11b 6CH Towards Ground 10mm with battery 2#

DUT: HUAWEI Y301-A1, Y301-A1; Type: UMTS Smart Phone; Serial: SAR1

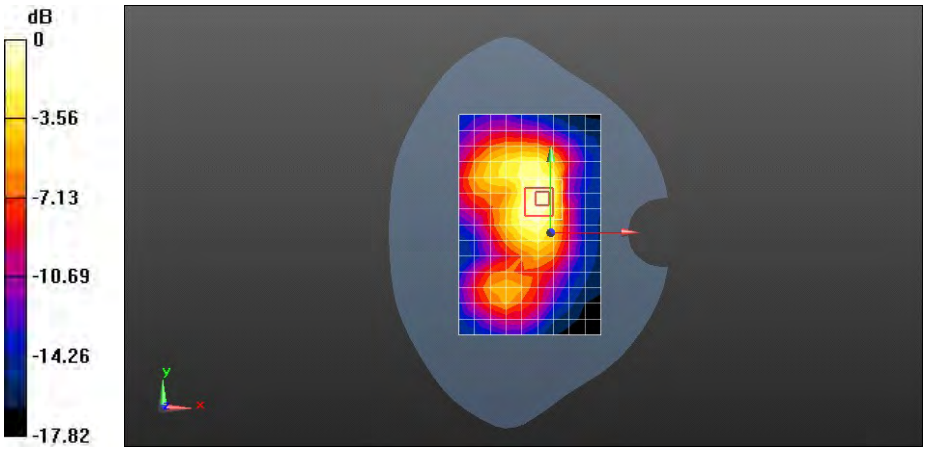
Communication System: WiFi (802.11*); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.998 S/m; ε_r = 52.189; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.17, 7.17, 7.17); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.567 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.881 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.605 W/kg



0 dB = 0.567 W/kg = -2.46 dBW/kg