Appendix B. SAR Measurement Plots

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Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 251CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

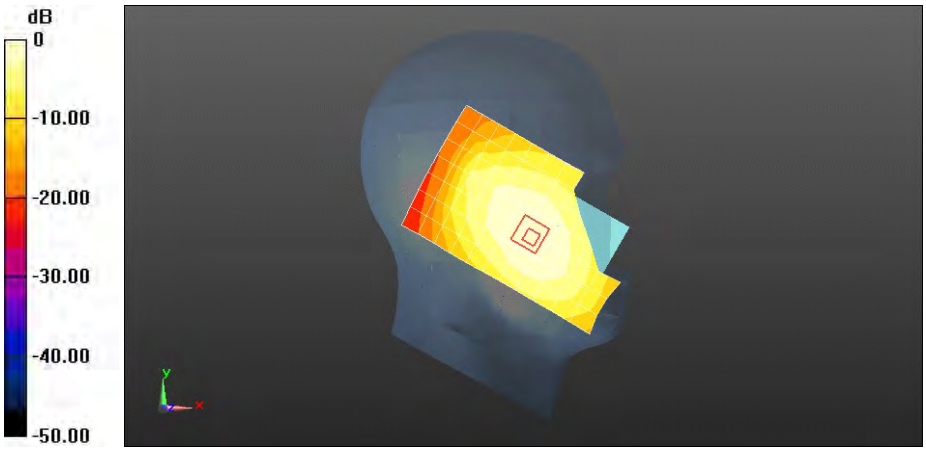
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.924 S/m; ε_r = 42.391; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.785 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.215 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.562 W/kg
Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.785 W/kg = -1.05 dBW/kg

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 190CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

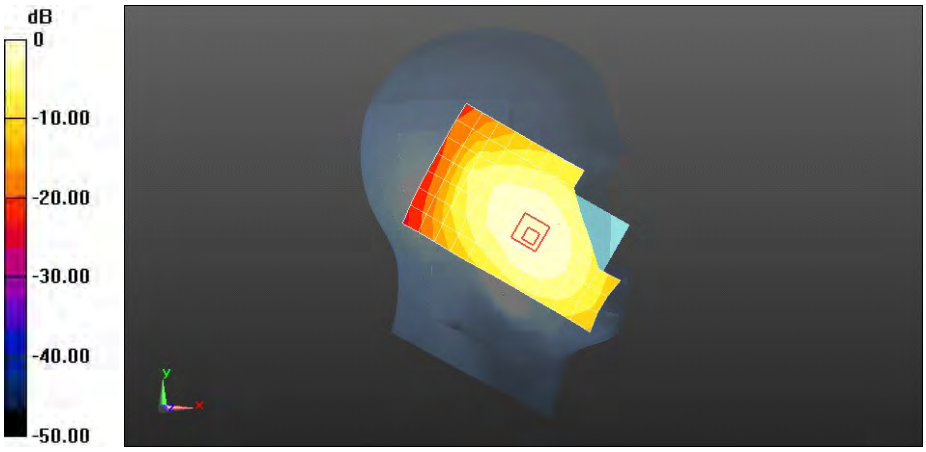
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.922 S/m; ε_r = 42.564; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.790 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.593 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.564 W/kg
Maximum value of SAR (measured) = 0.820 W/kg



0 dB = 0.790 W/kg = -1.02 dBW/kg

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 128CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.912 S/m; ε_r = 42.673; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

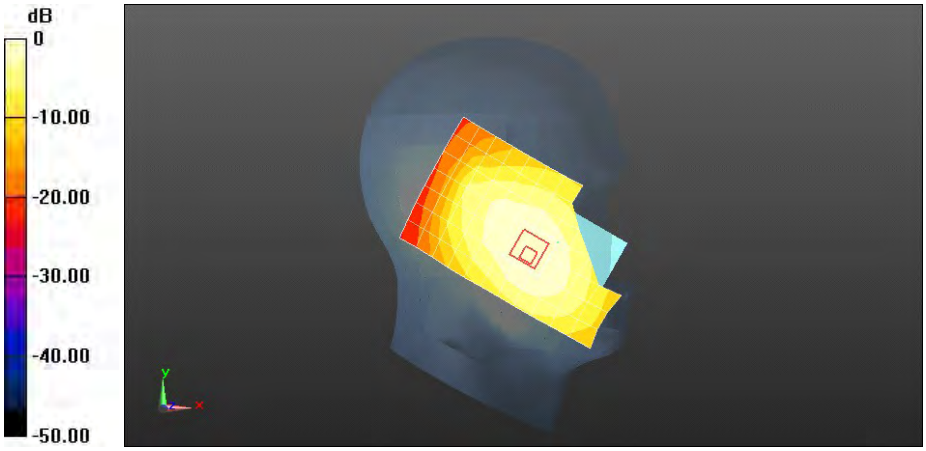
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.770 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.256 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.559 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.823 W/kg



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

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 190CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.922 S/m; ε_r = 42.564; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.520 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.951 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.394 W/kg
Maximum value of SAR (measured) = 0.539 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.951 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.875 W/kg
SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.275 W/kg
Maximum value of SAR (measured) = 0.452 W/kg

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

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 251CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.924 S/m; ε_r = 42.391; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 1.00 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.618 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.710 W/kg
Maximum value of SAR (measured) = 1.03 W/kg

0 dB = 1.00 W/kg = 0.02 dBW/kg

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 190CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.922 S/m; ε_r = 42.564; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.964 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.452 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.688 W/kg
Maximum value of SAR (measured) = 0.983 W/kg

0 dB = 0.964 W/kg = -0.16 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 128CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.912 S/m; ε_r = 42.673; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

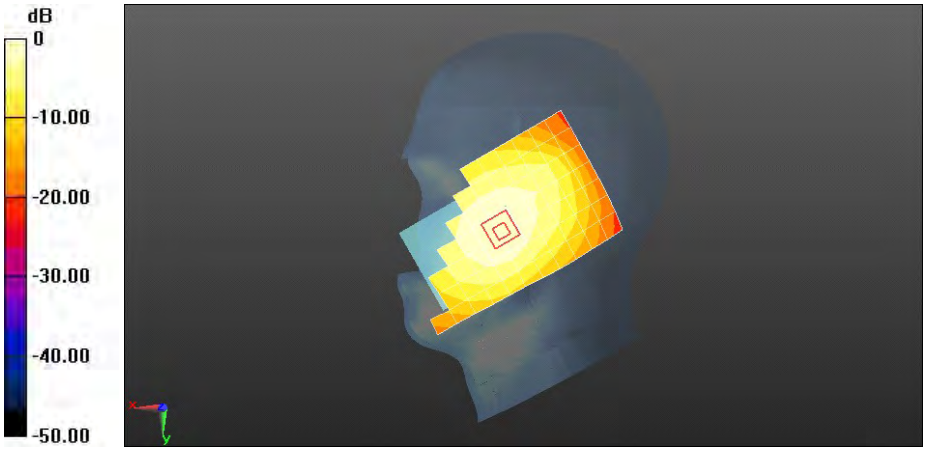
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.968 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.309 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.676 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.968 W/kg = -0.14 dBW/kg

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 190CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.922 S/m; ε_r = 42.564; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.584 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.601 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.444 W/kg
Maximum value of SAR (measured) = 0.594 W/kg

0 dB = 0.584 W/kg = -2.34 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 251CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

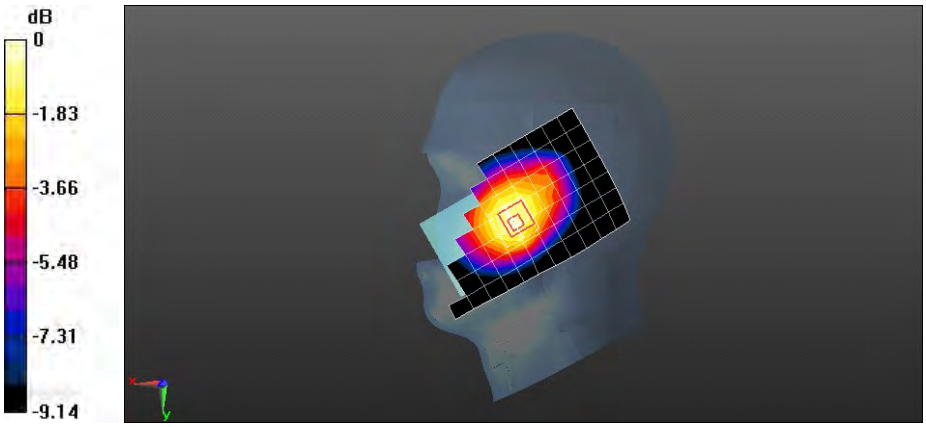
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.924 S/m; ε_r = 42.391; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

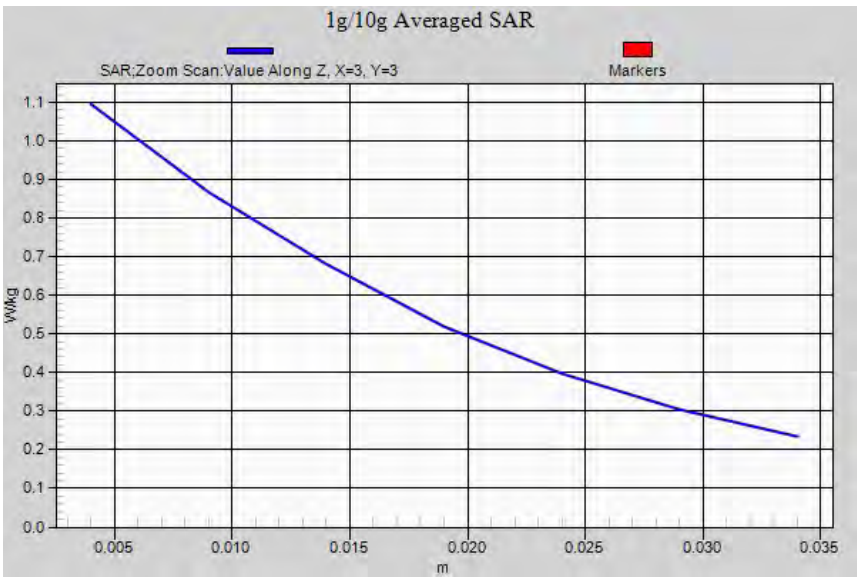
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.082 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.754 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



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



Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 251CH Right hand touch cheek with battery 2#-repeated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

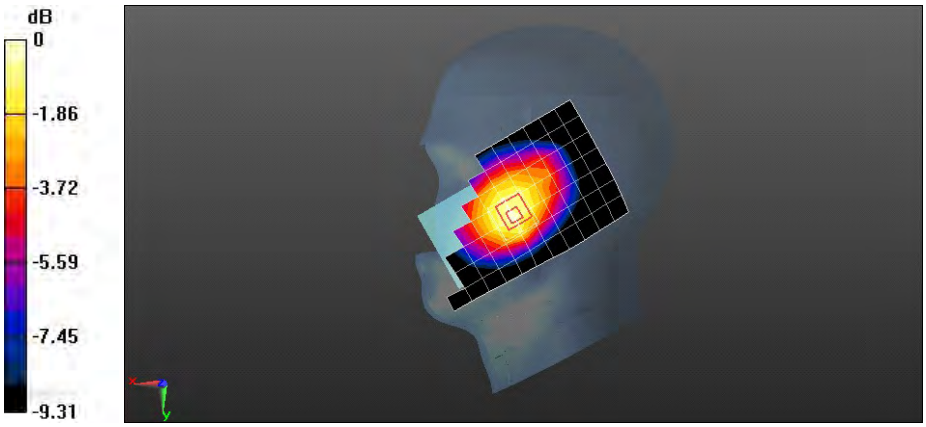
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.924 S/m; ε_r = 42.391; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

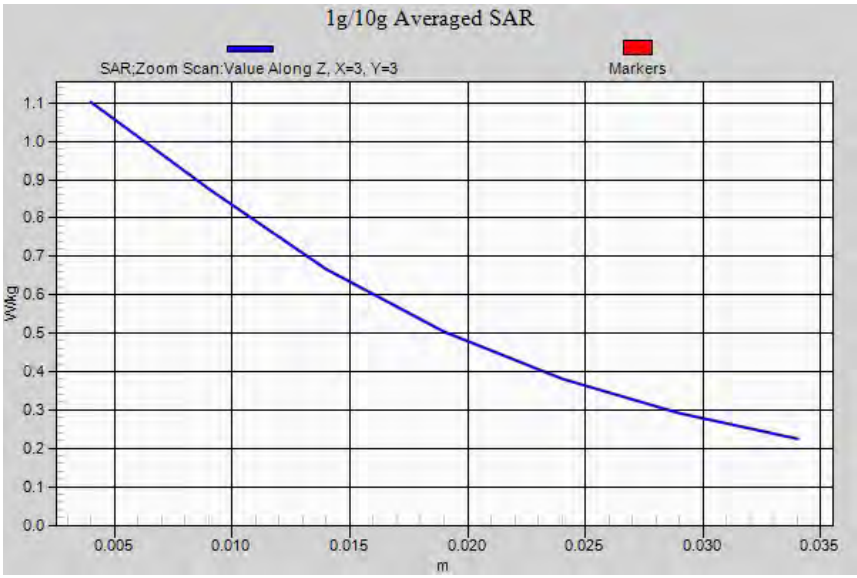
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.473 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.745 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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



Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 251CH Right hand touch cheek with WiFi activated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

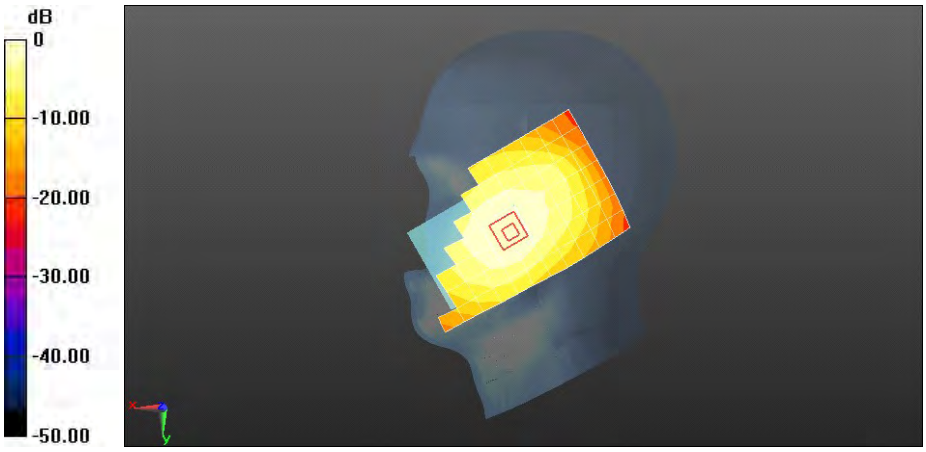
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.924 S/m; ε_r = 42.391; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.514 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.028 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.364 W/kg
Maximum value of SAR (measured) = 0.510 W/kg



0 dB = 0.514 W/kg = -2.89 dBW/kg

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 251CH Right hand touch cheek with battery 2# and WiFi activated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.924 S/m; ε_r = 42.391; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.523 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.308 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.368 W/kg
Maximum value of SAR (measured) = 0.519 W/kg

0 dB = 0.523 W/kg = -2.81 dBW/kg

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 190CH Towards Phantom 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

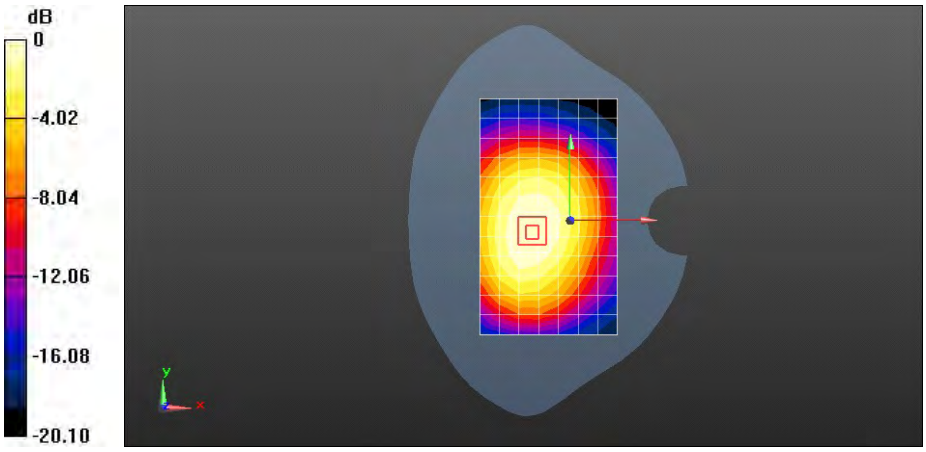
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.667 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.964 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.475 W/kg
Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 251CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

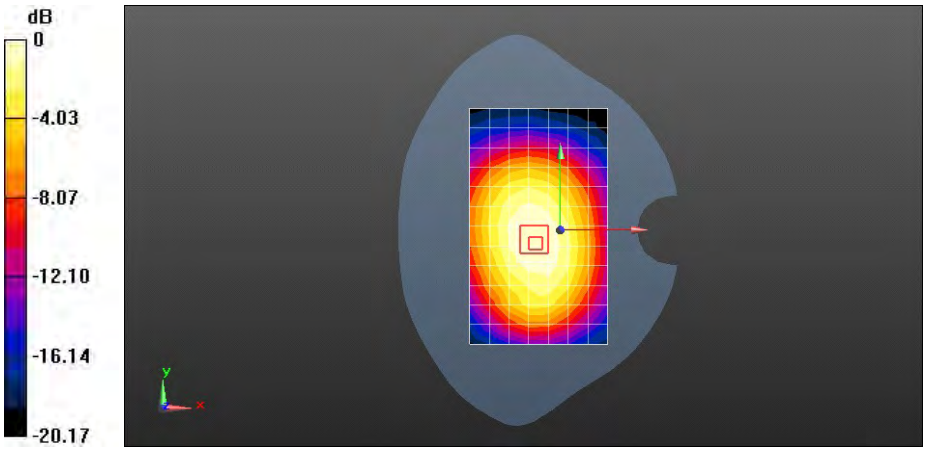
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 848.8 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 849 MHz; σ = 0.986 S/m; ε_r = 55.049; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.754 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.633 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.531 W/kg
Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.754 W/kg = -1.22 dBW/kg

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 190CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

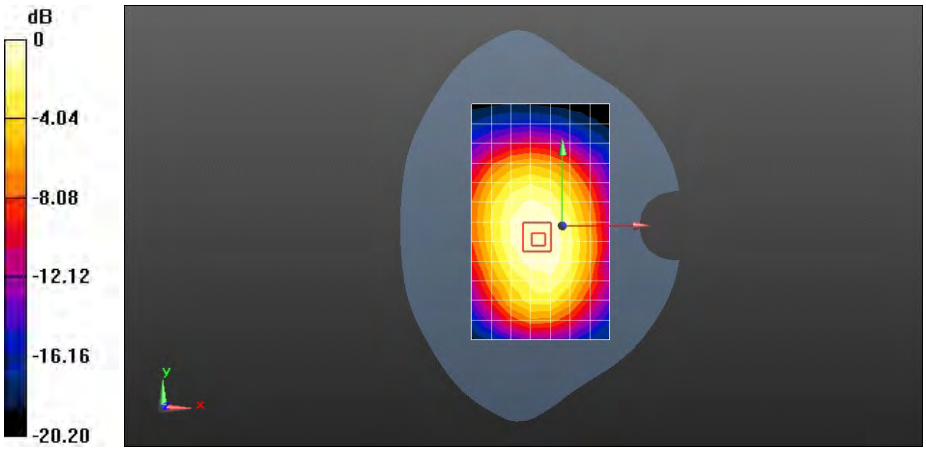
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.750 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.587 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.532 W/kg
Maximum value of SAR (measured) = 0.764 W/kg



0 dB = 0.750 W/kg = -1.25 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 128CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.965 S/m; ε_r = 55.269; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

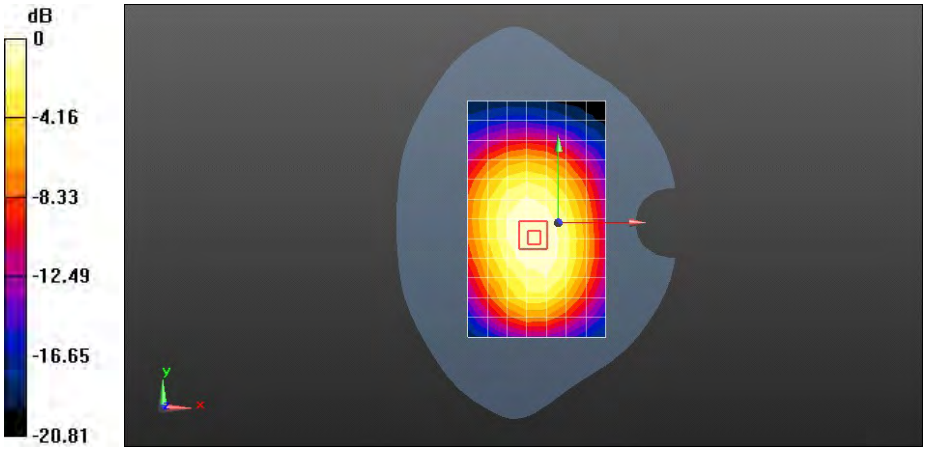
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.761 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.781 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.542 W/kg

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



0 dB = 0.761 W/kg = -1.19 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 190CH Towards Ground 15mm with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

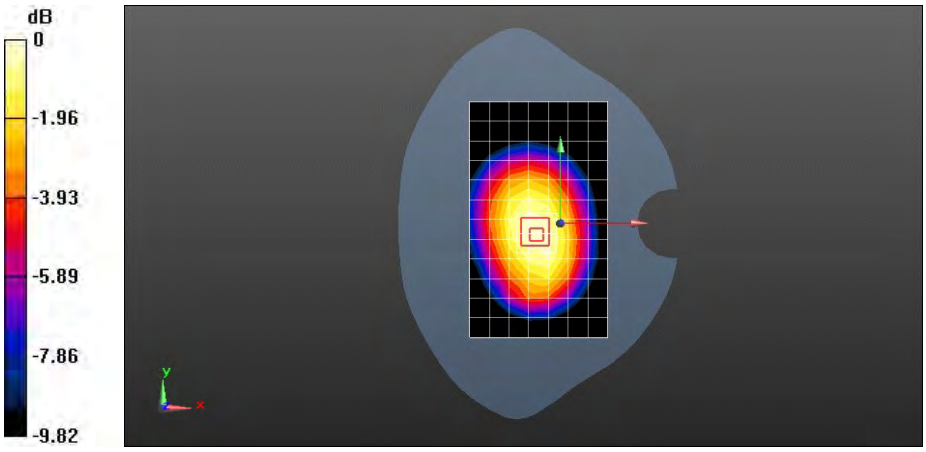
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.756 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.047 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.537 W/kg
Maximum value of SAR (measured) = 0.778 W/kg



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

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 GPRS 2TS 190CH Towards Phantom 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

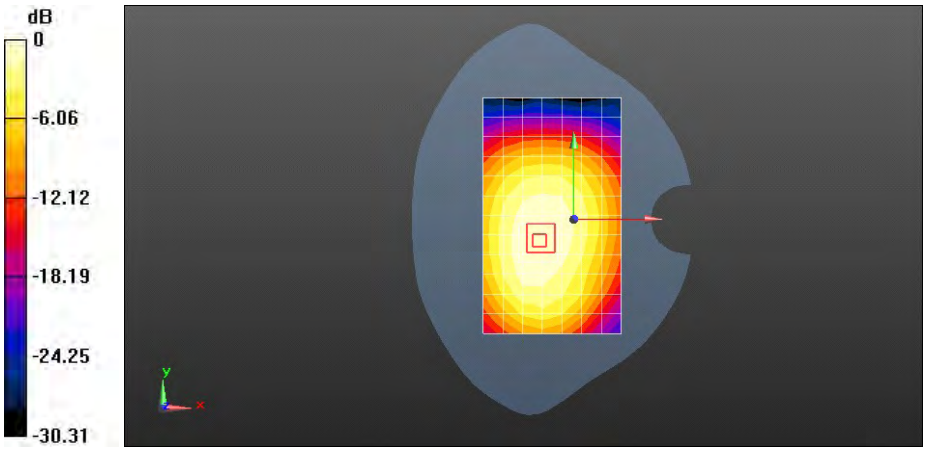
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.443 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.297 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.443 W/kg = -3.54 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 GPRS 2TS 190CH Towards Ground 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

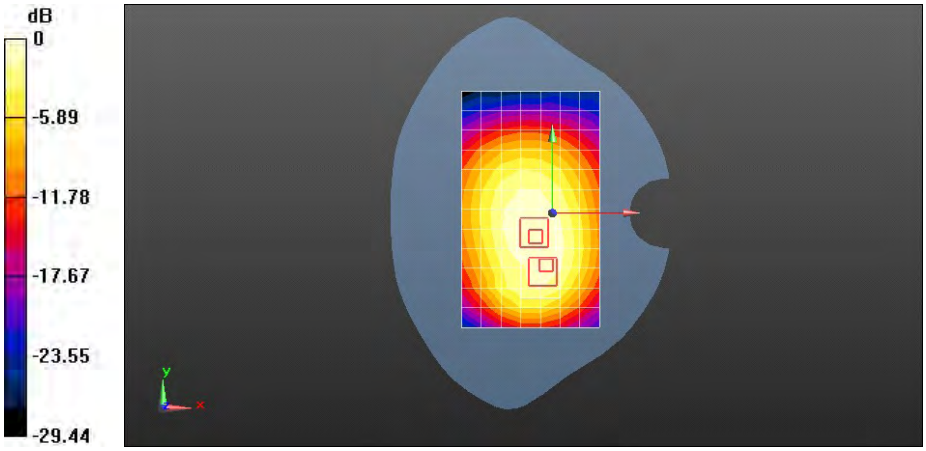
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.513 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.190 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.656 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 0.532 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.190 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 GPRS 2TS 190CH Left edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

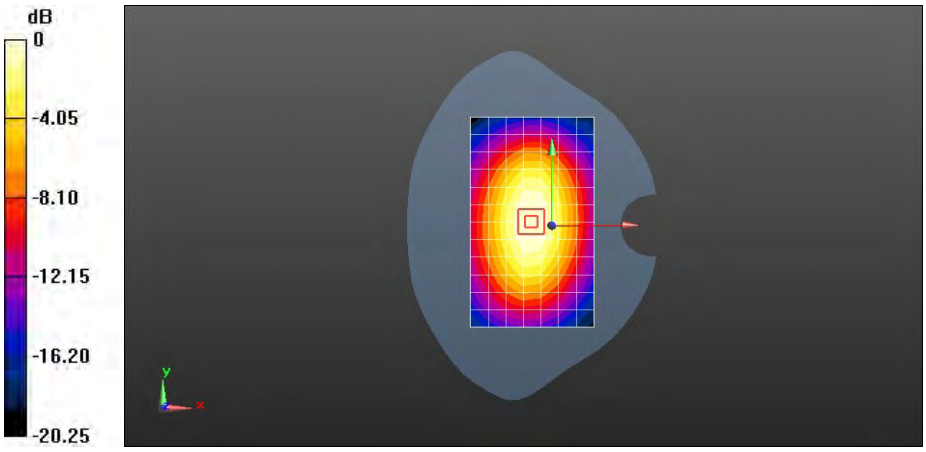
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.326 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.205 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.326 W/kg = -4.86 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 GPRS 2TS 190CH Right edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

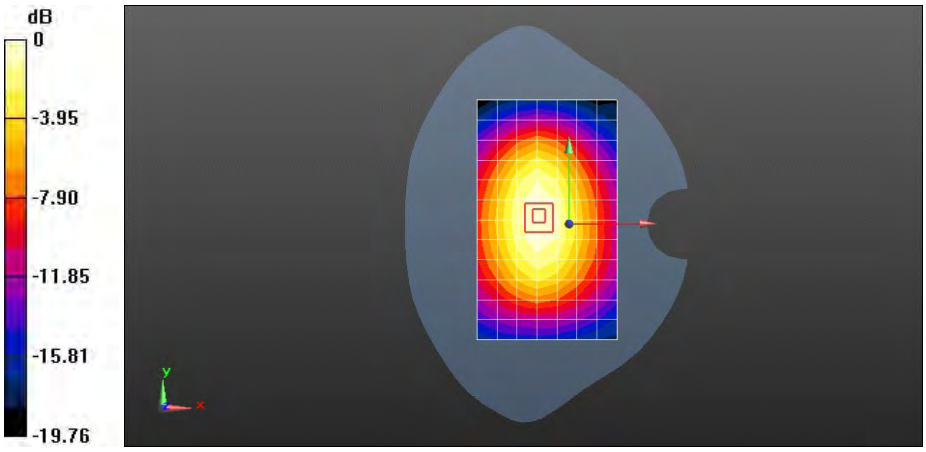
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.311 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.791 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.410 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 GPRS 2TS 190CH Bottom edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

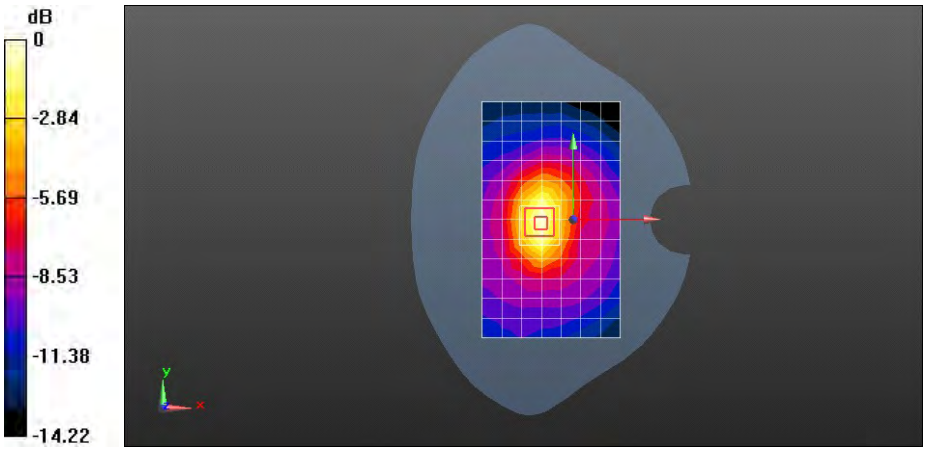
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0753 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.774 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.119 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0764 W/kg



0 dB = 0.0753 W/kg = -11.23 dBW/kg

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM850 GPRS 2TS 190CH Towards Ground 10mm with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

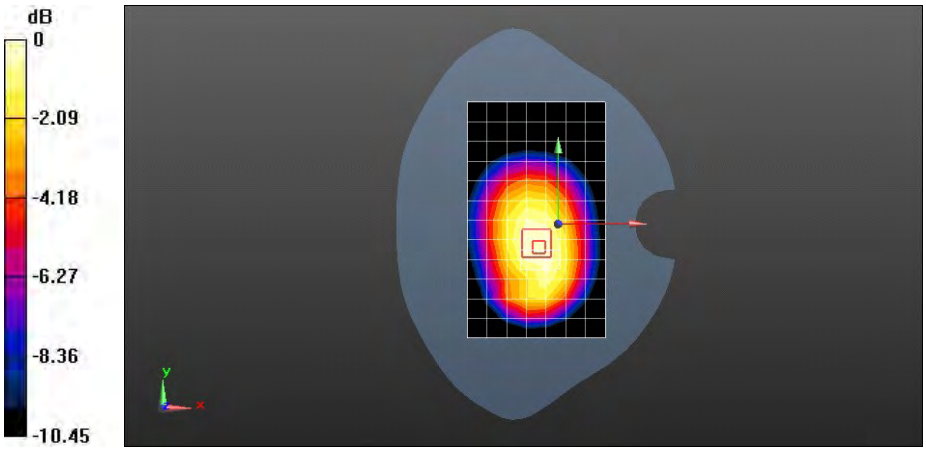
Communication System: HW-GSM\GPRS\EGPRS-2TS; Frequency: 836.6 MHz;Duty Cycle: 1:4.10015
Medium parameters used: f = 837 MHz; σ = 0.977 S/m; ε_r = 55.16; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

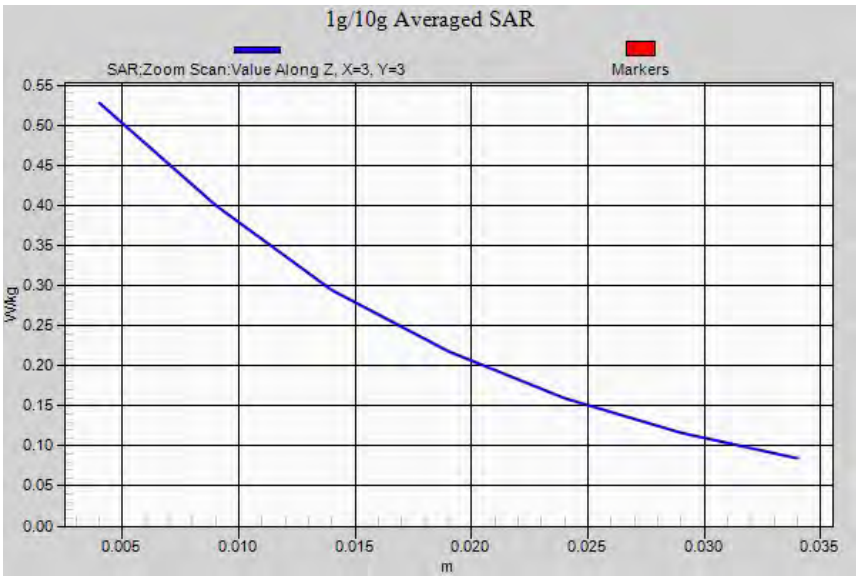
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.520 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.432 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 0.528 W/kg



0 dB = 0.528 W/kg = -2.77 dBW/kg



Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

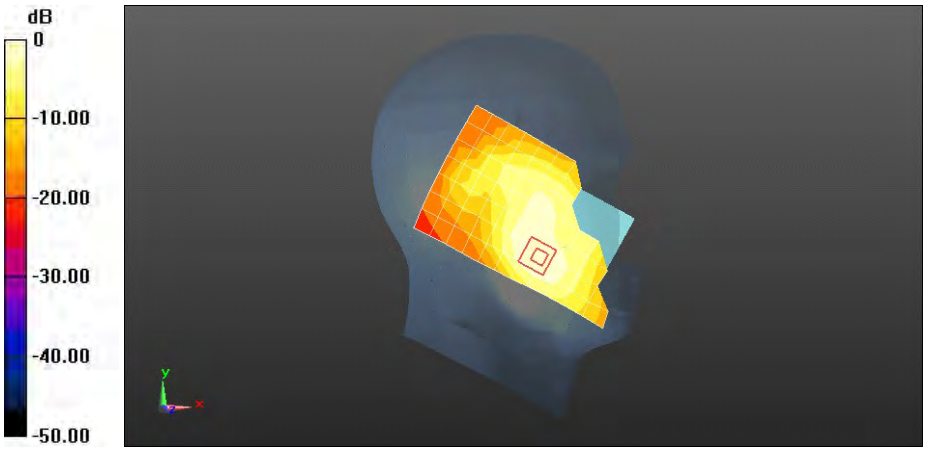
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.632 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.195 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.664 W/kg



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

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.209 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.120 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.359 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.219 W/kg

0 dB = 0.209 W/kg = -6.80 dBW/kg

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

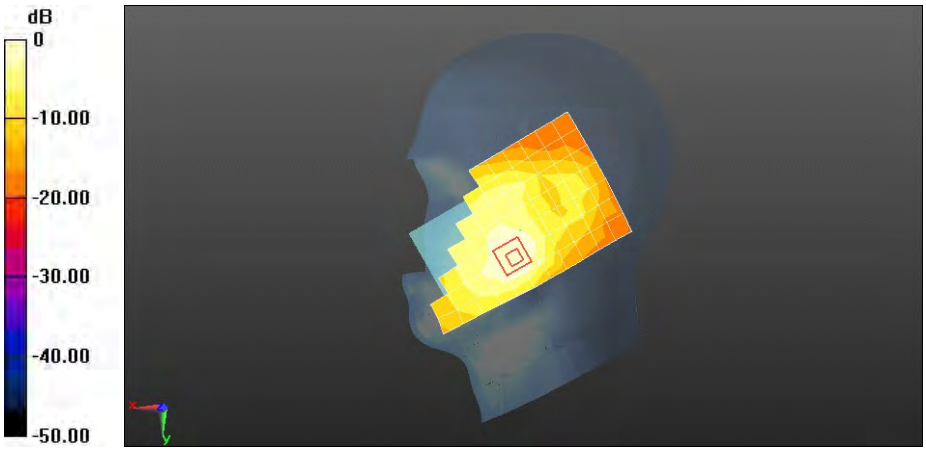
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.601 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.144 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.886 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.331 W/kg
Maximum value of SAR (measured) = 0.608 W/kg



0 dB = 0.601 W/kg = -2.21 dBW/kg

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.194 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.695 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.234 W/kg

0 dB = 0.194 W/kg = -7.13 dBW/kg

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Left hand touch cheek with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

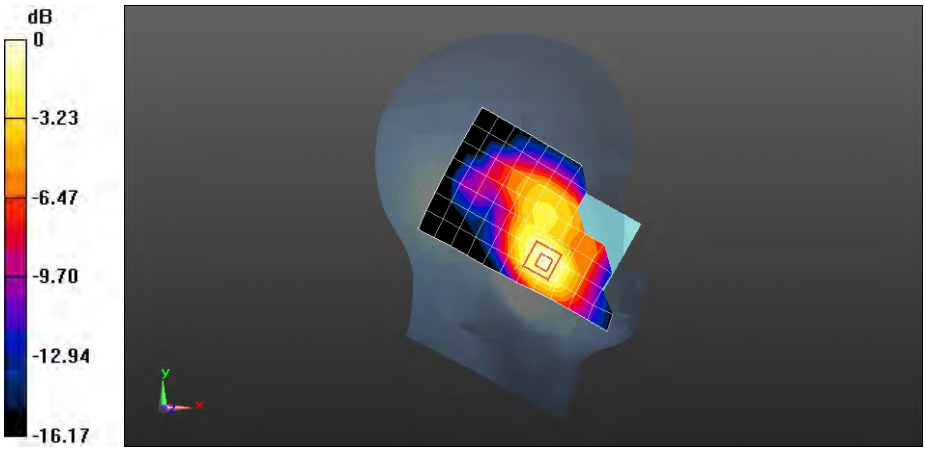
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

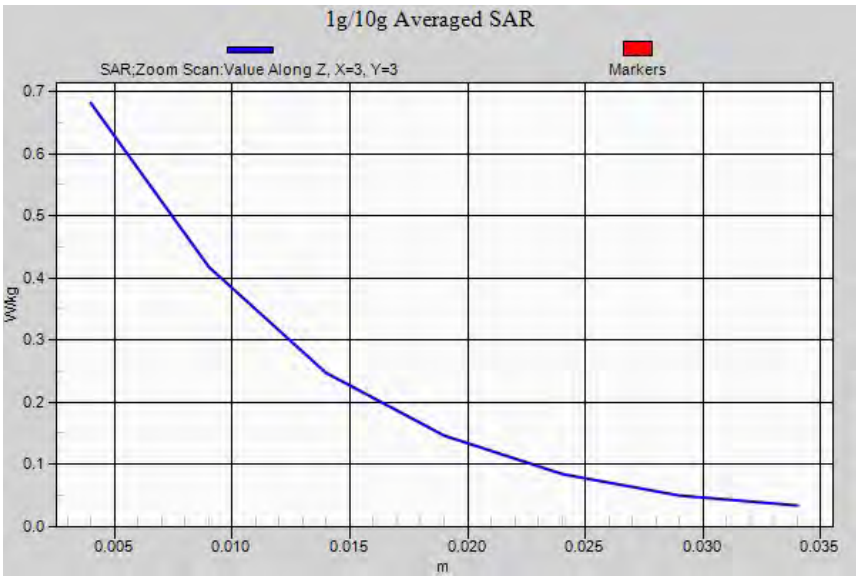
- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.605 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.938 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 0.681 W/kg



0 dB = 0.681 W/kg = -1.67 dBW/kg



Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Towards Phantom 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

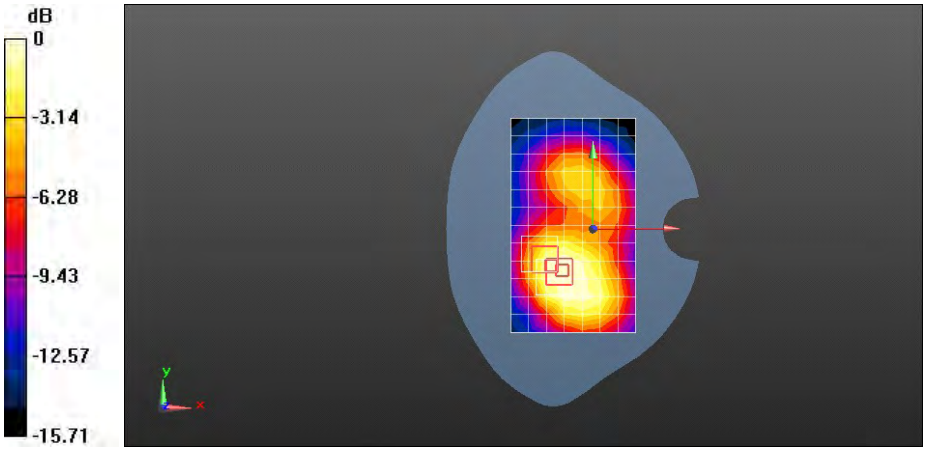
DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.358 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.758 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 0.383 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.758 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.376 W/kg



0 dB = 0.358 W/kg = -4.47 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

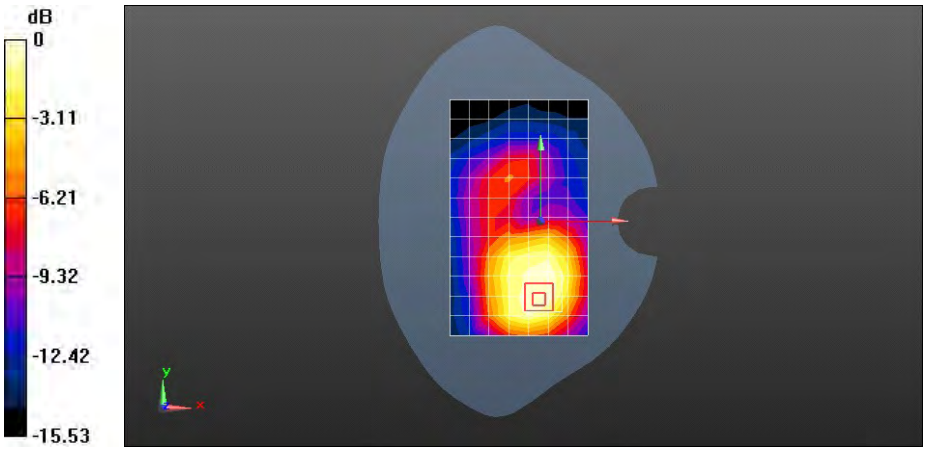
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.372 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.735 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.679 W/kg
SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.209 W/kg
Maximum value of SAR (measured) = 0.393 W/kg



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

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 661CH Towards Ground 15mm with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

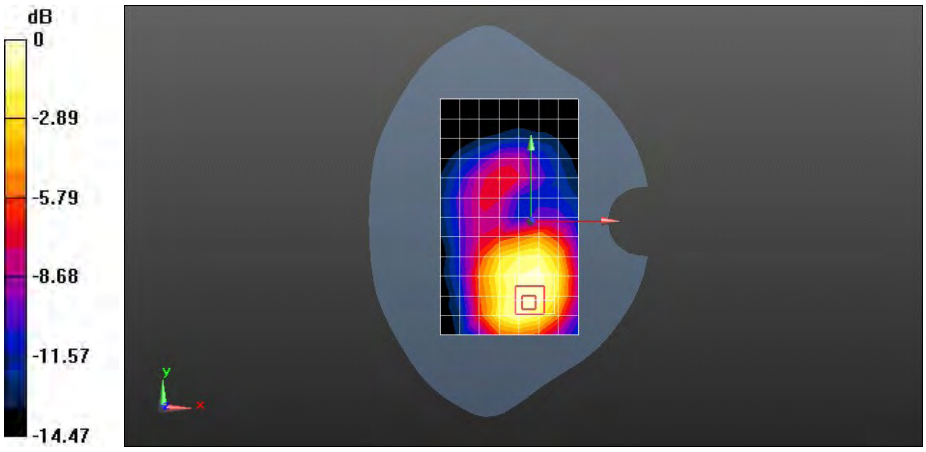
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

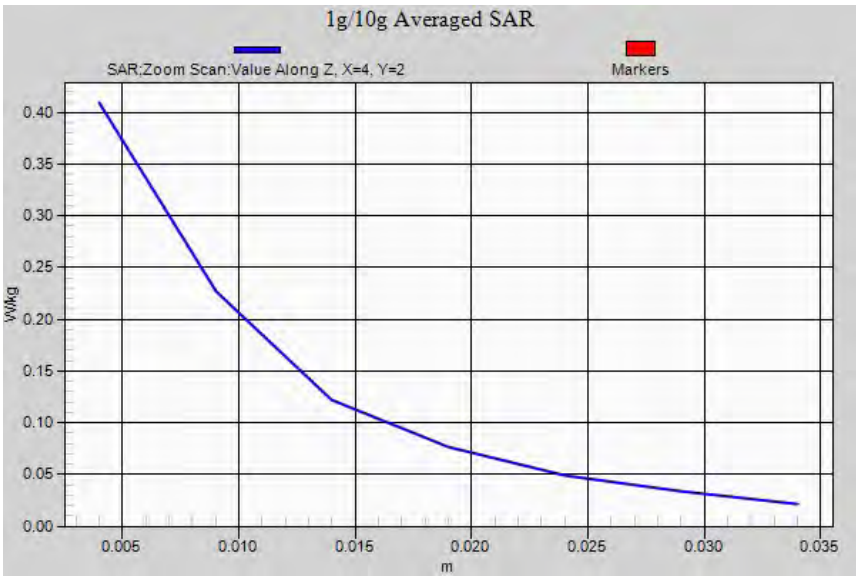
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.396 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.346 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg



Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 GPRS 1TS 661CH Towards Phantom 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

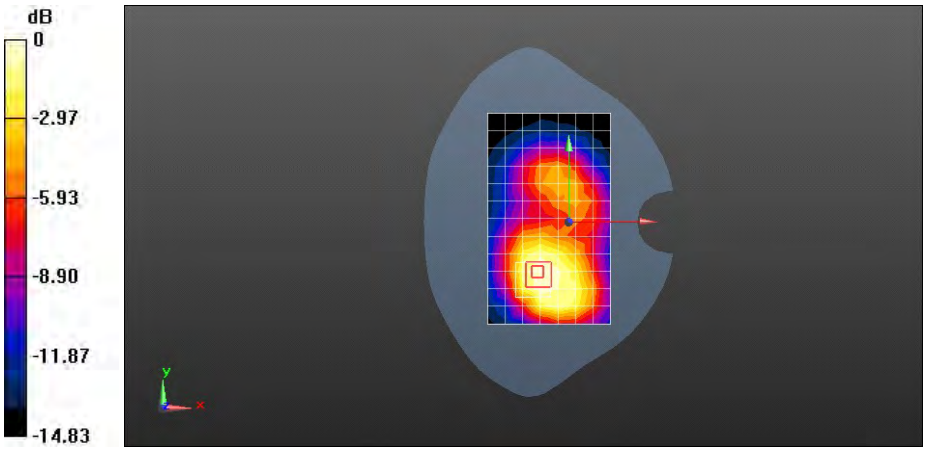
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.612 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.730 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.617 W/kg



0 dB = 0.612 W/kg = -2.13 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 GPRS 1TS 661CH Towards Ground 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

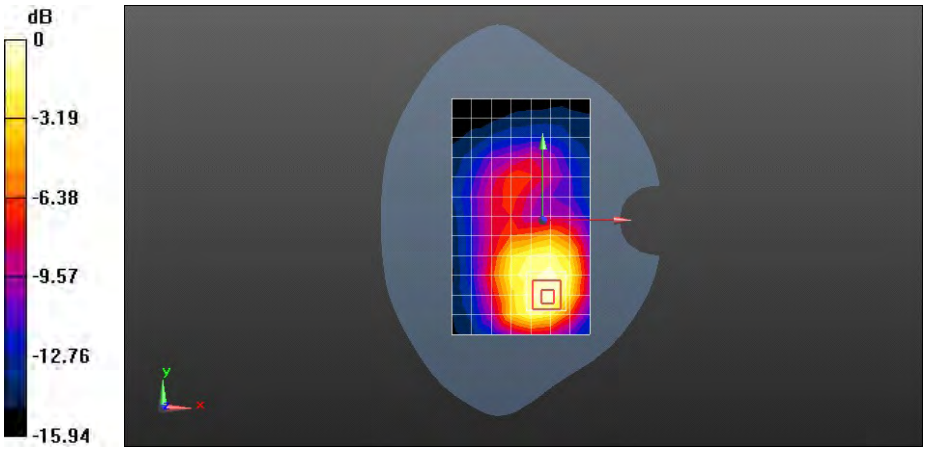
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.645 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.889 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.331 W/kg
Maximum value of SAR (measured) = 0.657 W/kg



0 dB = 0.645 W/kg = -1.91 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 GPRS 1TS 661CH Left edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

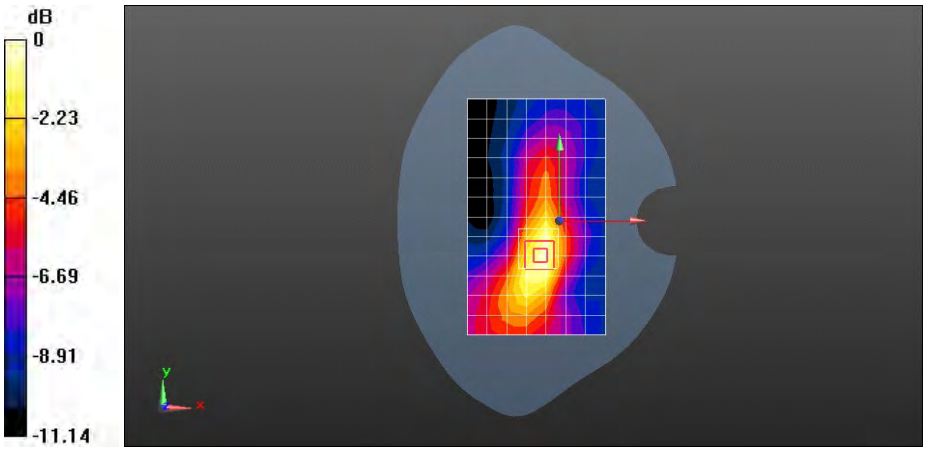
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- 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 (8x13x1): 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 = 9.121 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.212 W/kg = -6.73 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 GPRS 1TS 661CH Right edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

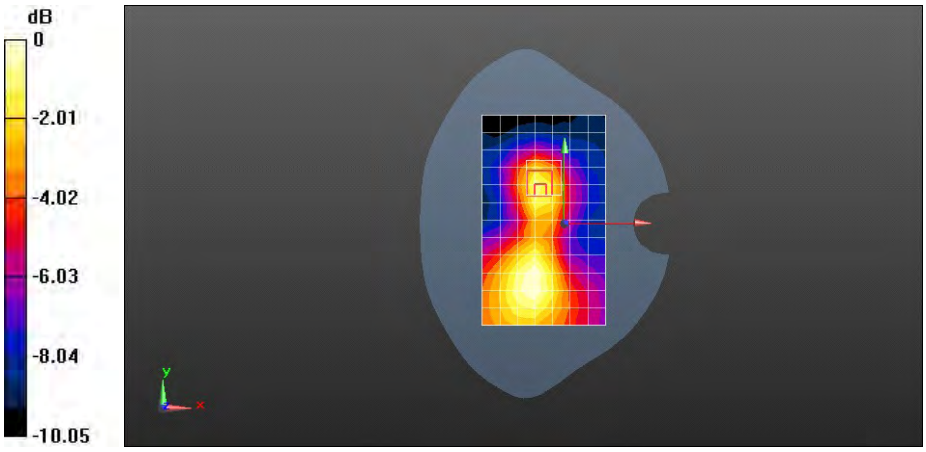
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.151 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.139 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.151 W/kg = -8.20 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 GPRS 1TS 661CH Bottom edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

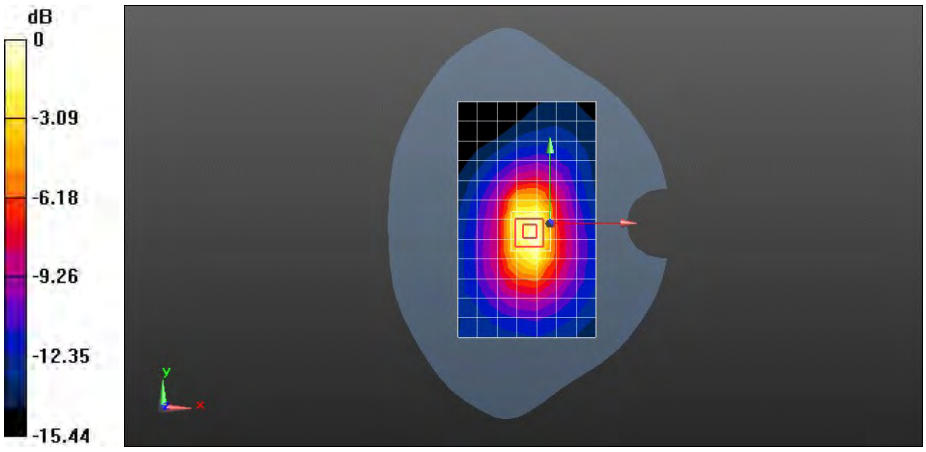
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- 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 (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.506 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.076 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.948 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.506 W/kg = -2.96 dBW/kg

Date: 2013-5-30

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 GSM1900 GPRS 1TS 661CH Towards Ground 10mm with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

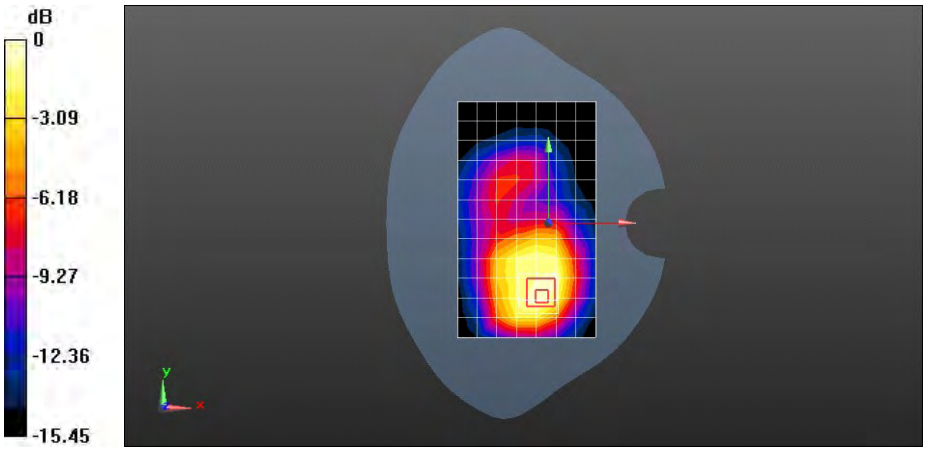
Communication System: HW-GSM\GPRS\EGPRS-1TS; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

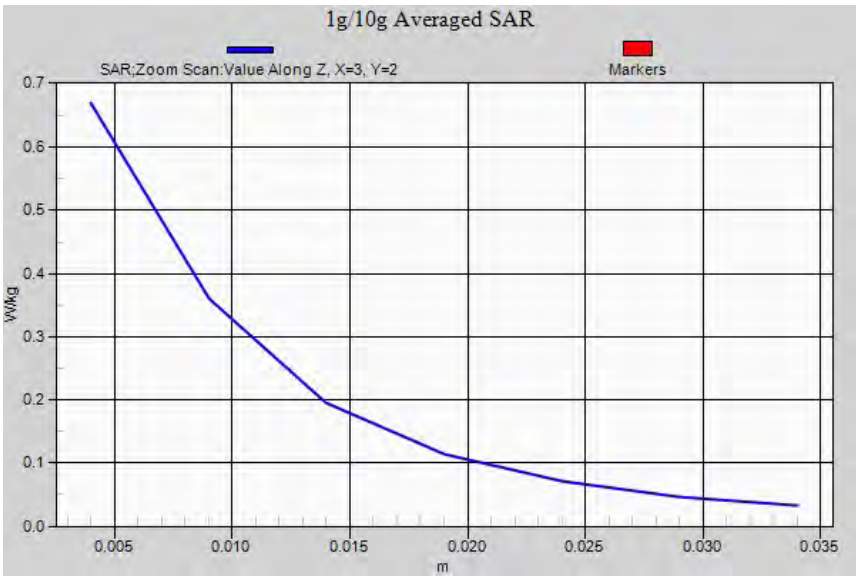
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.663 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.184 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.338 W/kg
Maximum value of SAR (measured) = 0.670 W/kg



0 dB = 0.670 W/kg = -1.74 dBW/kg



Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

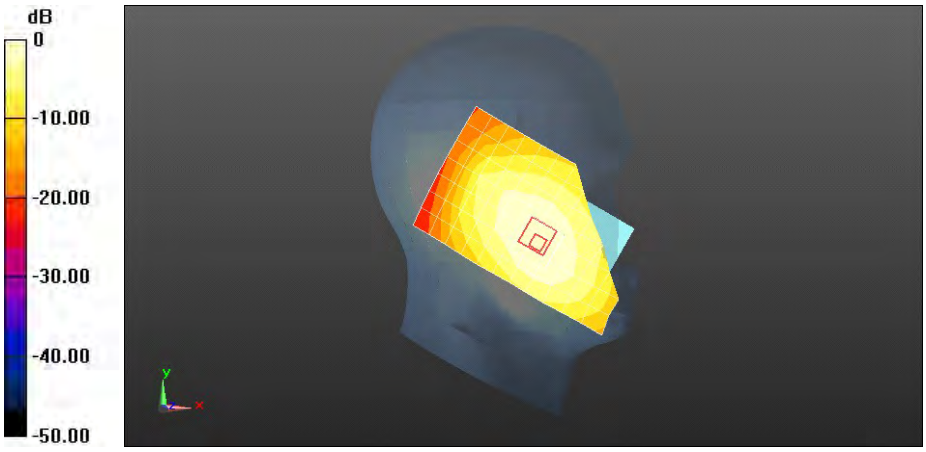
Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.933 S/m; ε_r = 42.52; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.907 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.803 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.639 W/kg
Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 0.907 W/kg = -0.42 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.921 S/m; ε_r = 42.503; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

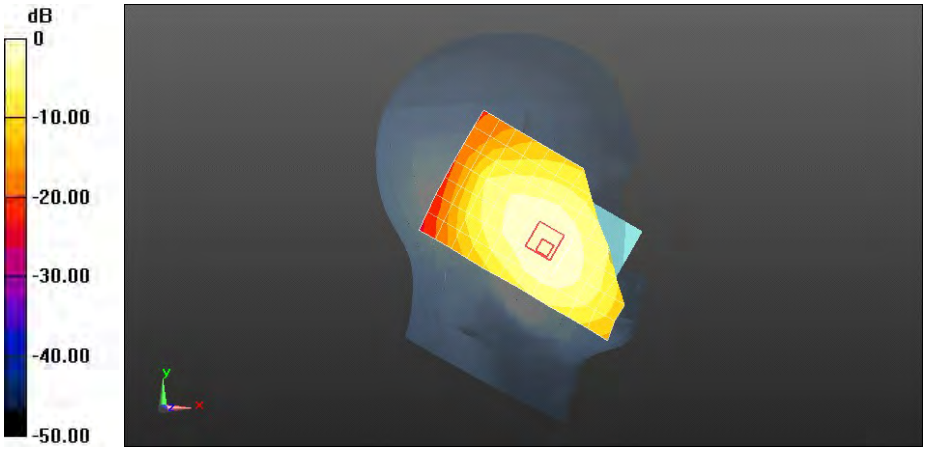
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.842 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.495 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.581 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.856 W/kg



0 dB = 0.842 W/kg = -0.75 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4132CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.912 S/m; ε_r = 42.746; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

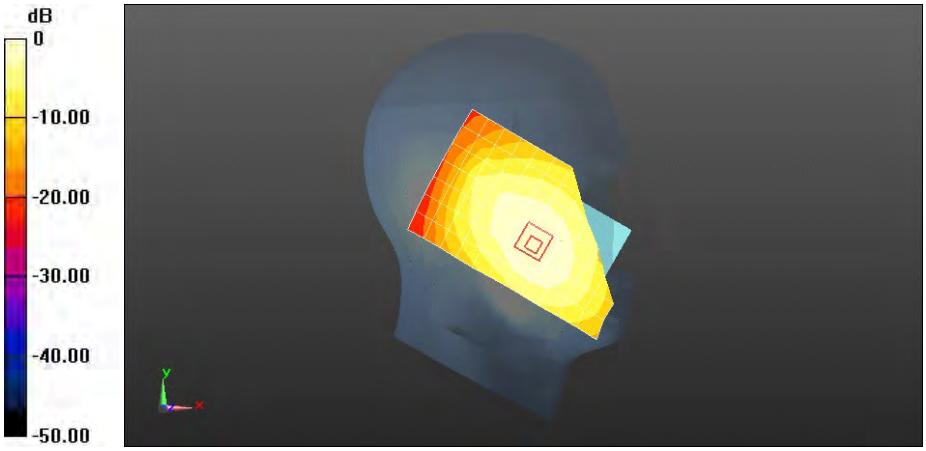
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.023 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.467 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.680 W/kg



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

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.921 S/m; ε_r = 42.503; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

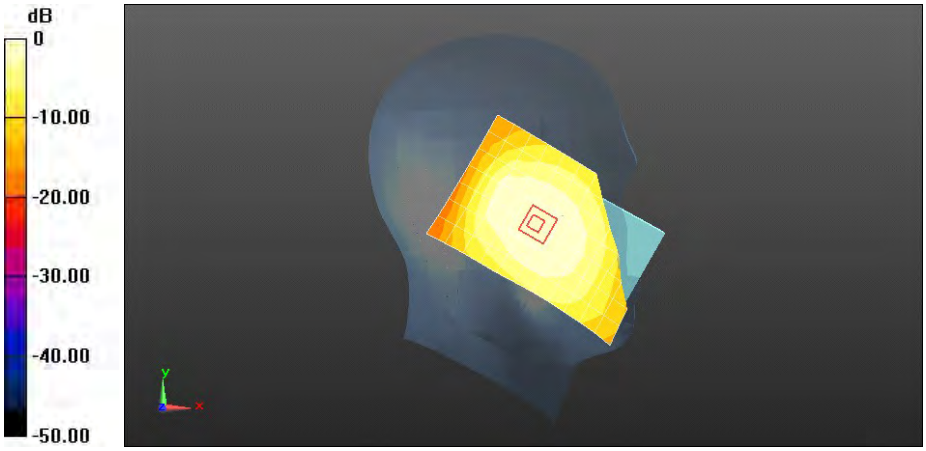
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.595 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.077 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.720 W/kg
SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.451 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.595 W/kg = -2.25 dBW/kg

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.933 S/m; ε_r = 42.52; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 1.15 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.189 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.807 W/kg
Maximum value of SAR (measured) = 1.17 W/kg

0 dB = 1.15 W/kg = 0.59 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.921 S/m; ε_r = 42.503; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

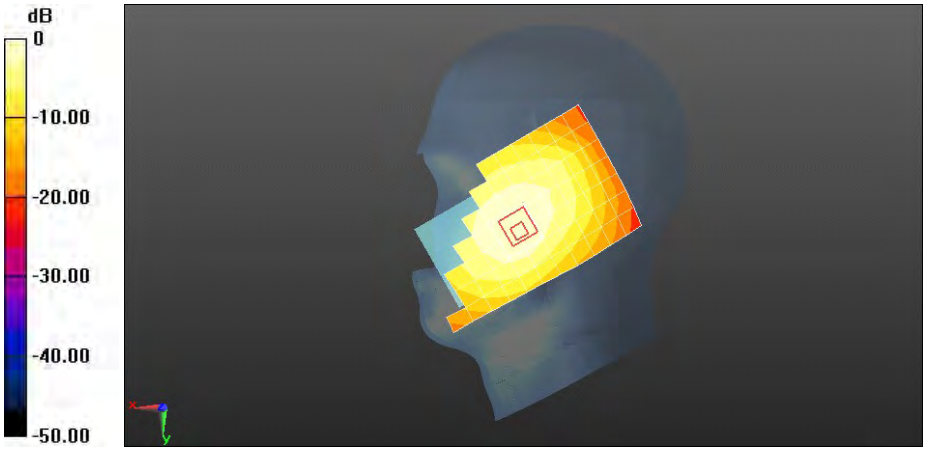
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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 = 13.295 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.721 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 = 0.03 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4132CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.912 S/m; ε_r = 42.746; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

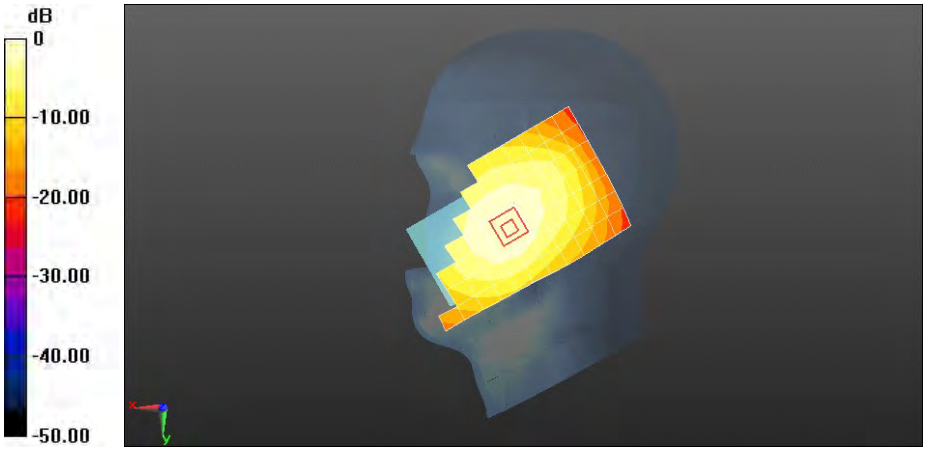
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.813 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.943 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.579 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.832 W/kg



0 dB = 0.813 W/kg = -0.90 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.921 S/m; ε_r = 42.503; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.646 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.436 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.487 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.655 W/kg

0 dB = 0.646 W/kg = -1.90 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

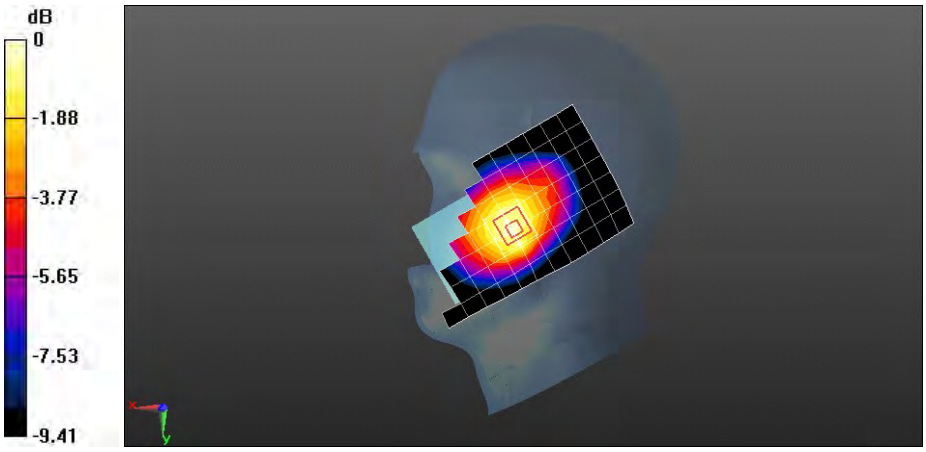
Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.933 S/m; ε_r = 42.52; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

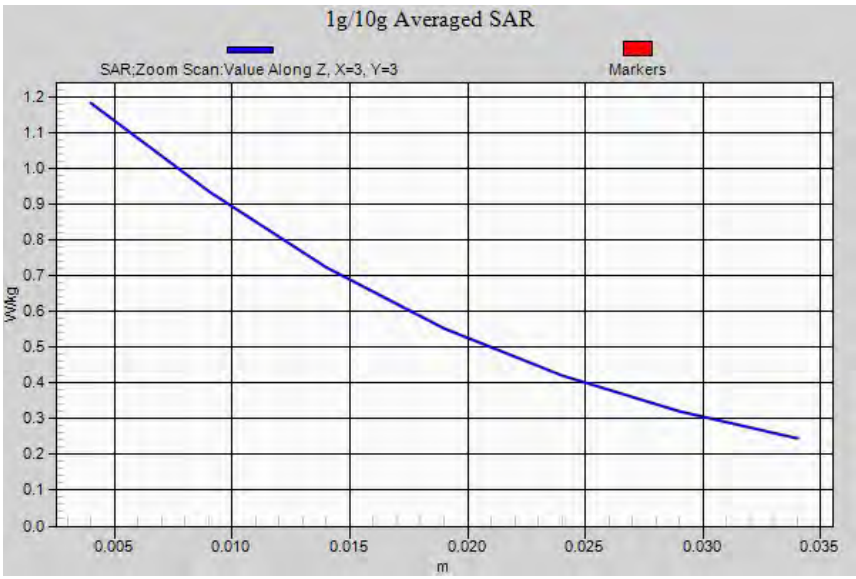
- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.17 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.096 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.812 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Right hand touch cheek with battery 2#-repeated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

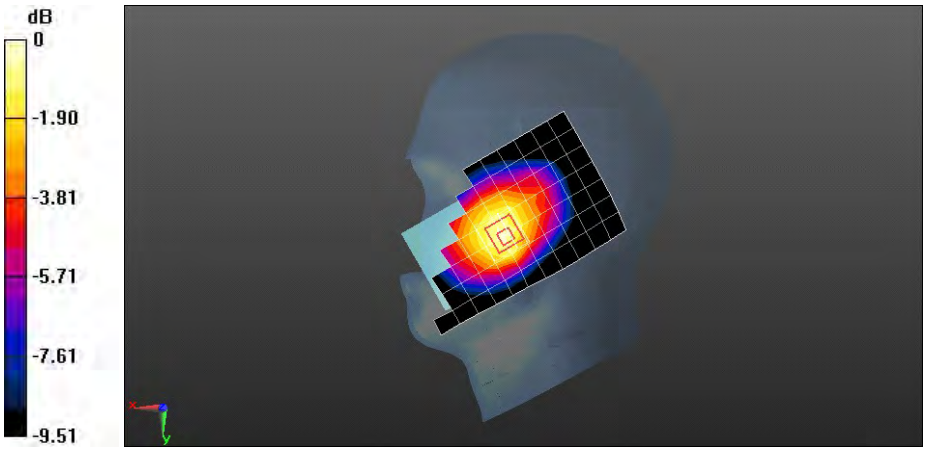
Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.933 S/m; ε_r = 42.52; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 1.15 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.896 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.823 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Right hand touch cheek with WiFi activated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.933 S/m; ε_r = 42.52; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.420 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.633 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.501 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.300 W/kg
Maximum value of SAR (measured) = 0.422 W/kg

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

Date: 2013-6-2

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Right hand touch cheek with battery 2# and WiFi activated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.933 S/m; ε_r = 42.52; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.28, 6.28, 6.28); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.413 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.530 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.492 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.414 W/kg

0 dB = 0.413 W/kg = -3.85 dBW/kg

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Towards Phantom 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

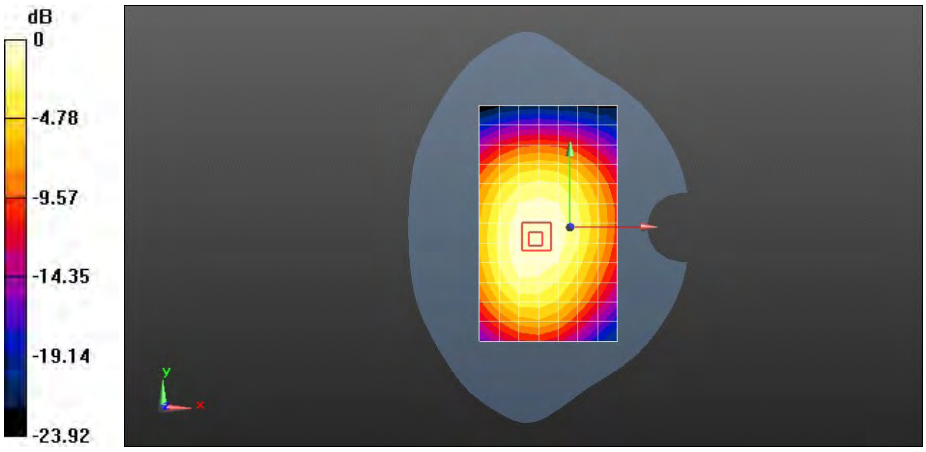
Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.997 S/m; ε_r = 55.036; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.823 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.425 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.582 W/kg
Maximum value of SAR (measured) = 0.822 W/kg



0 dB = 0.823 W/kg = -0.85 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Towards Phantom 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

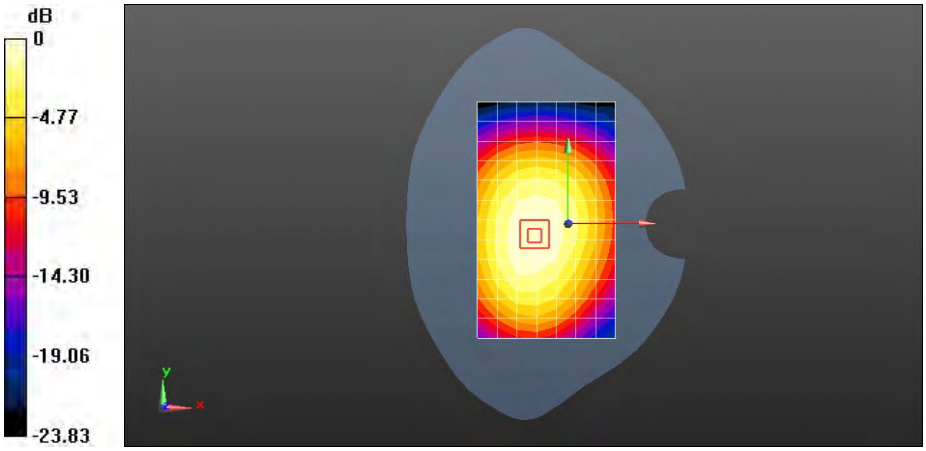
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.775 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.638 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.545 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.766 W/kg



0 dB = 0.775 W/kg = -1.11 dBW/kg

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4132CH Towards Phantom 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.971 S/m; ε_r = 55.356; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

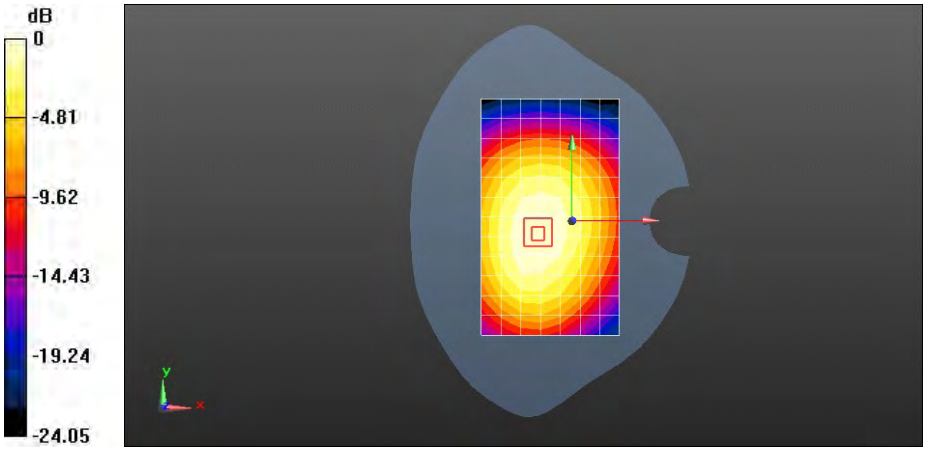
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.707 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.310 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.508 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.707 W/kg = -1.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

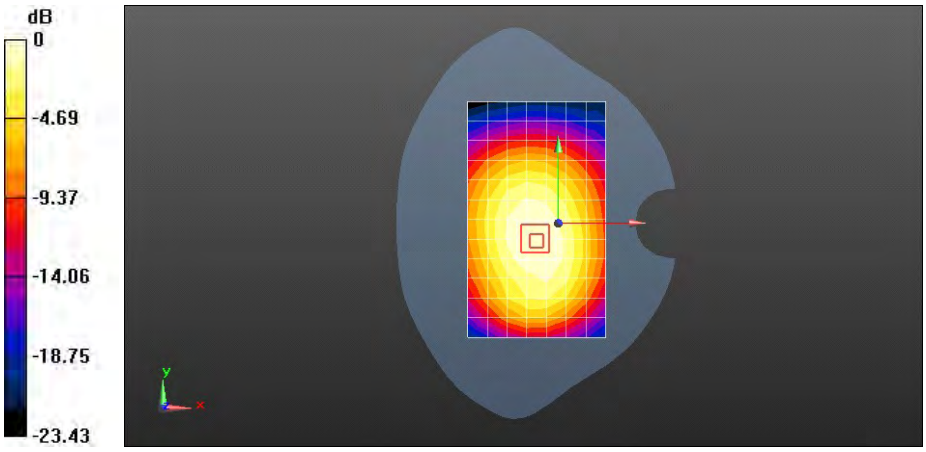
Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.997 S/m; ε_r = 55.036; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.929 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.589 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.668 W/kg
Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.929 W/kg = -0.32 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

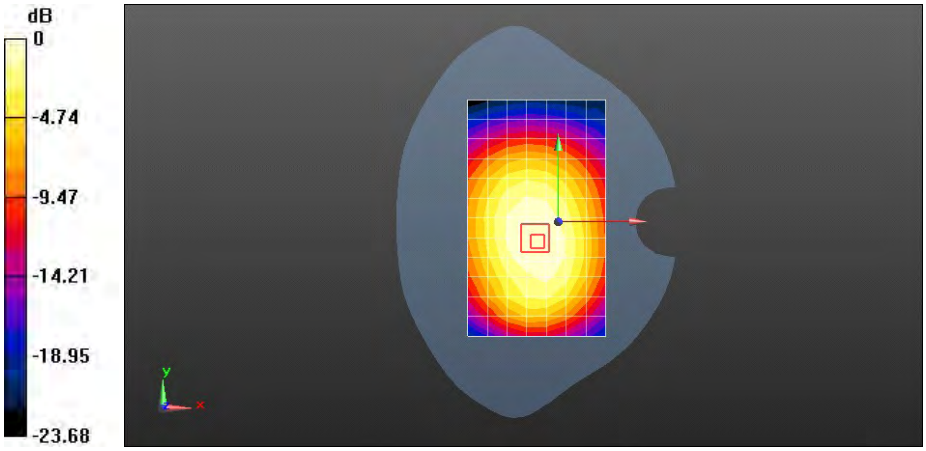
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.893 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.535 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.648 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.930 W/kg



0 dB = 0.893 W/kg = -0.49 dBW/kg

Date: 2013-5-31

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4132CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

Communication System: HW-UMTS-FDD; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.971 S/m; ε_r = 55.356; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

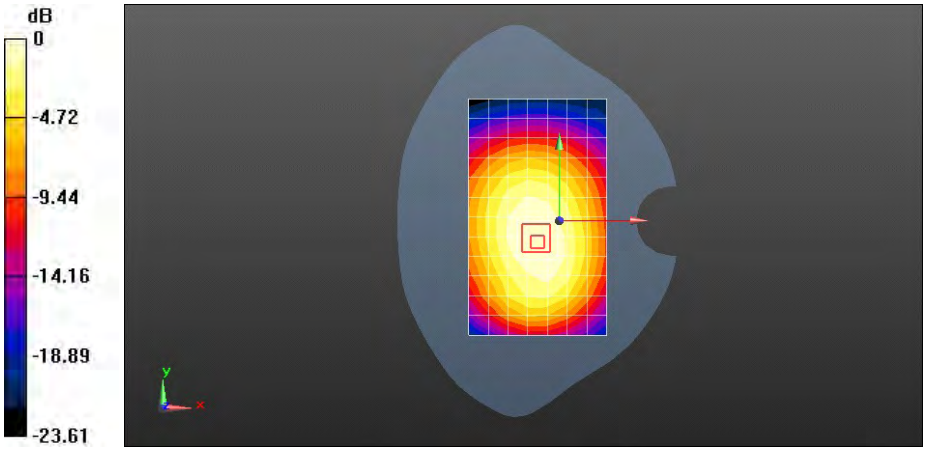
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.857 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.456 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.614 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.857 W/kg = -0.67 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Towards Ground 15mm with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

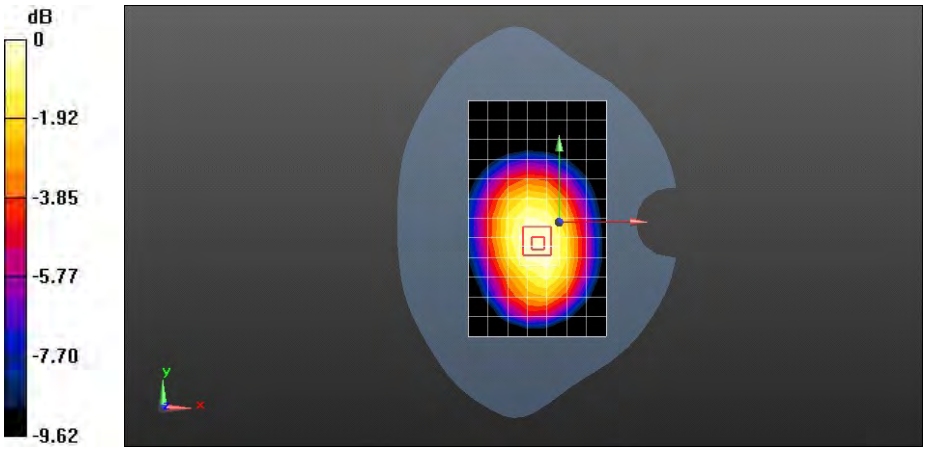
Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.997 S/m; ε_r = 55.036; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

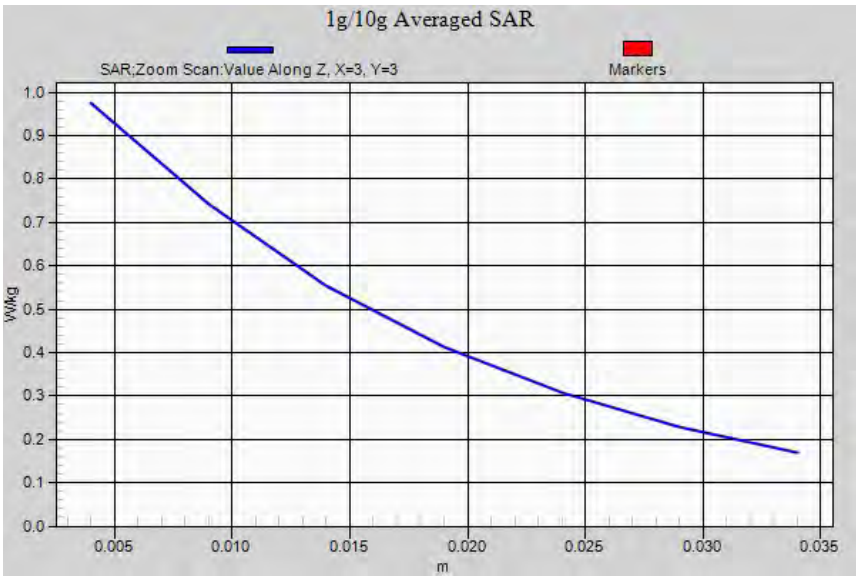
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.958 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.595 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.679 W/kg
Maximum value of SAR (measured) = 0.975 W/kg



0 dB = 0.975 W/kg = -0.11 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4233CH Towards Ground 15mm with battery 2#-repeated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

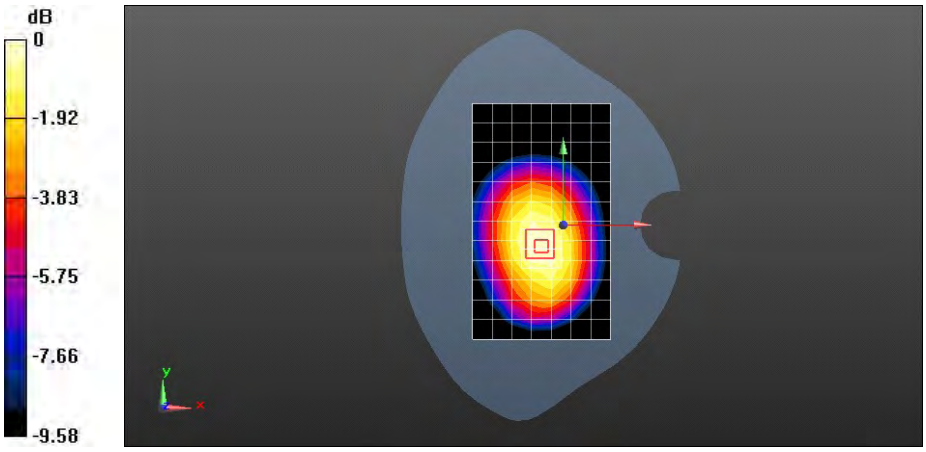
Communication System: HW-UMTS-FDD; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 0.997 S/m; ε_r = 55.036; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

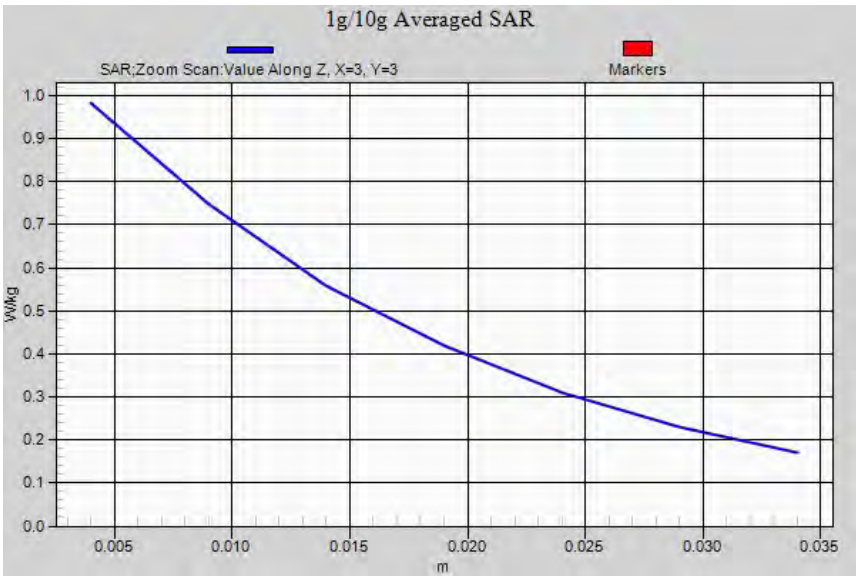
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.944 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.048 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.683 W/kg
Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Towards Phantom 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

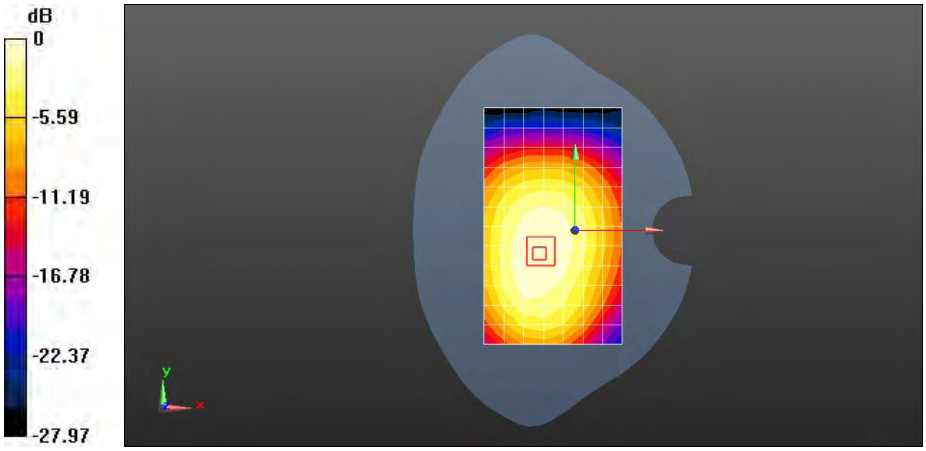
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.368 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.726 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.265 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.368 W/kg = -4.35 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Towards Ground 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

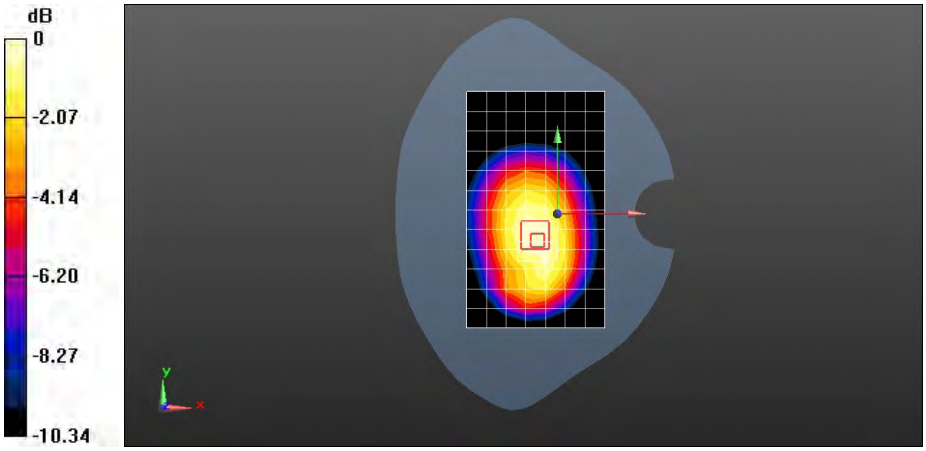
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

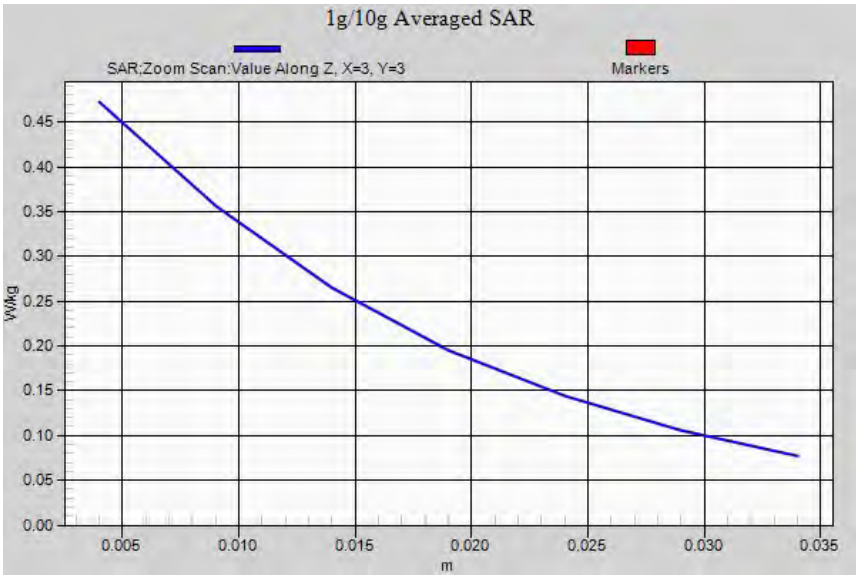
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.459 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.969 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.326 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Left edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

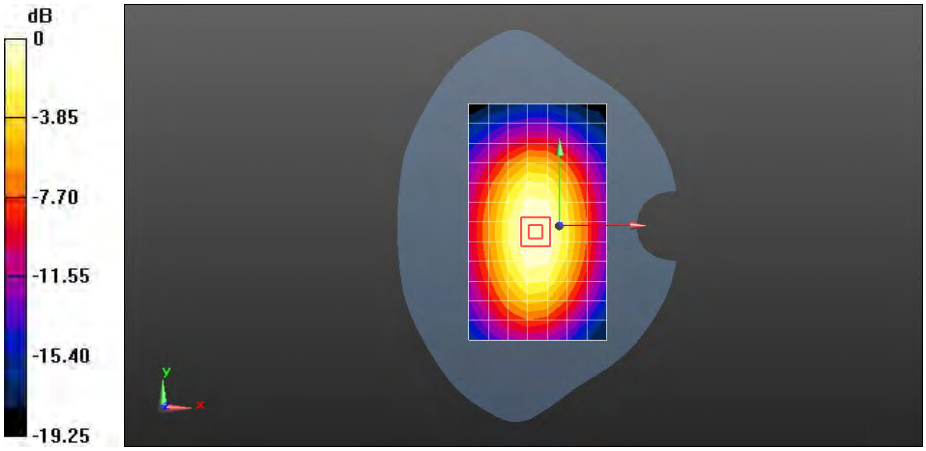
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.295 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.284 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.205 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.295 W/kg = -5.31 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Right edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

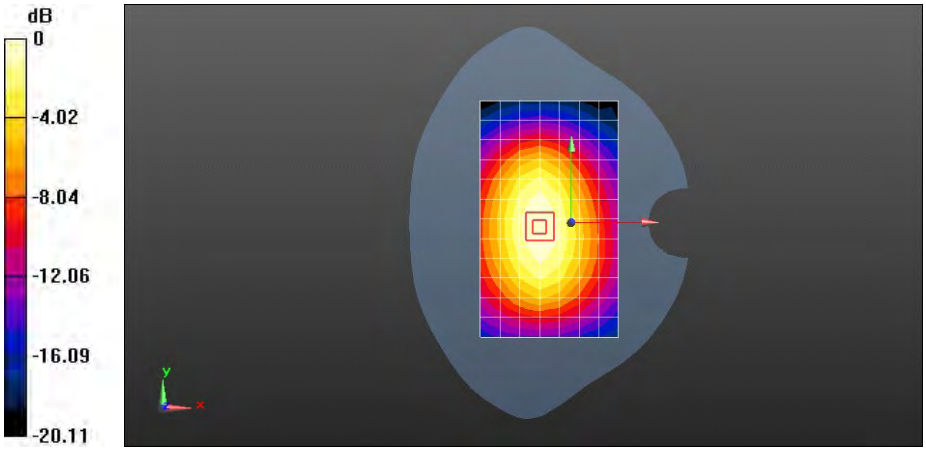
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.317 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.616 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.417 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.208 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Bottom edge 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

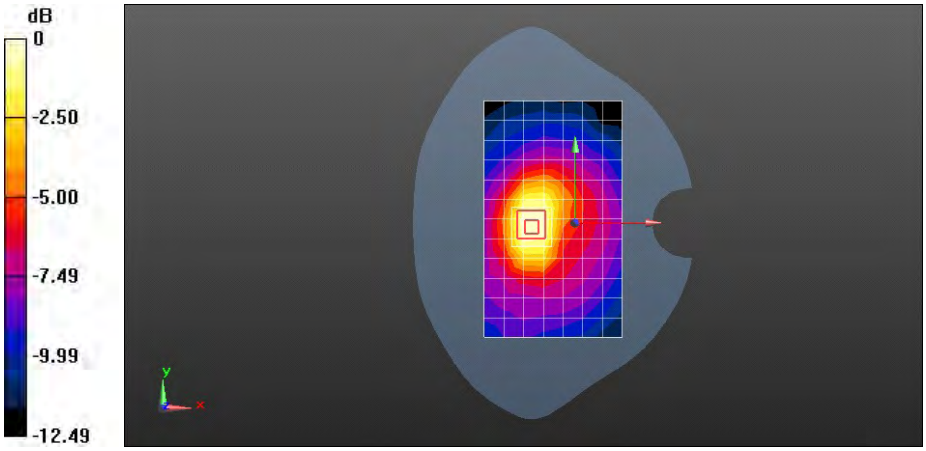
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0490 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.185 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0960 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.031 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0598 W/kg



0 dB = 0.0490 W/kg = -13.09 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band V 4182CH Towards Ground 10mm with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 0.973 S/m; ε_r = 55.173; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

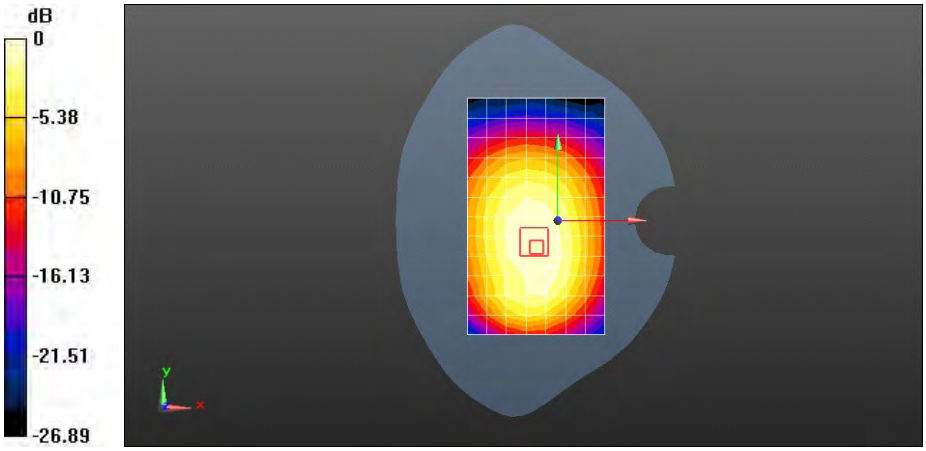
- Probe: ES3DV3 - SN3168; ConvF(6.14, 6.14, 6.14); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.458 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.950 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.324 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

Date: 2013-6-7

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1513CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

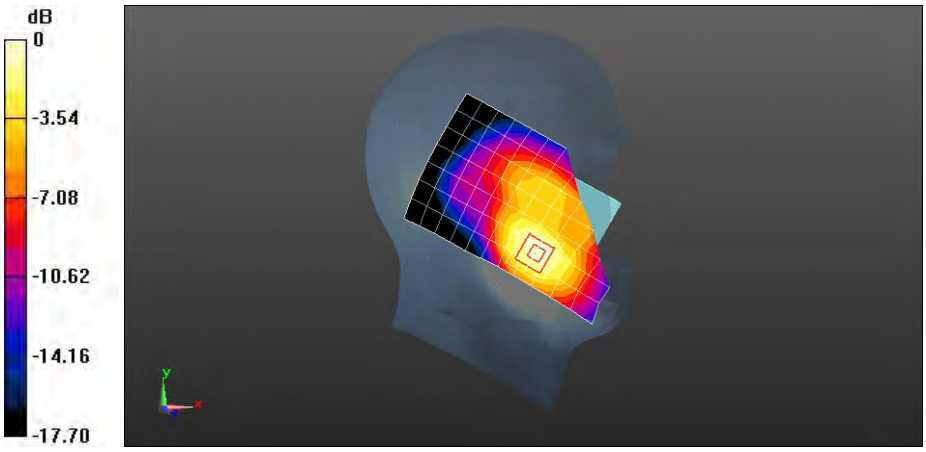
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.418 S/m; ε_r = 40.099; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

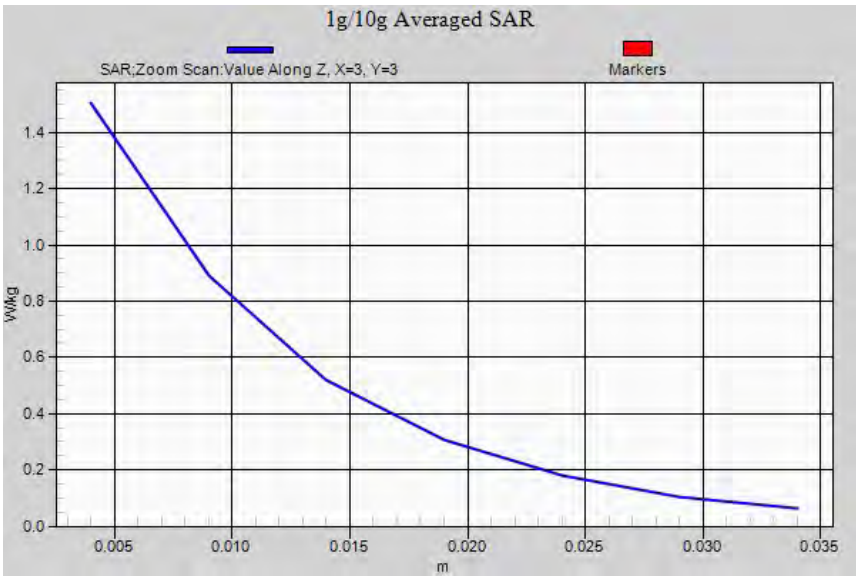
- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.33 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.092 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.24 W/kg
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.780 W/kg
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg



Date: 2013-6-7

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1513CH Left hand touch cheek-repeated

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

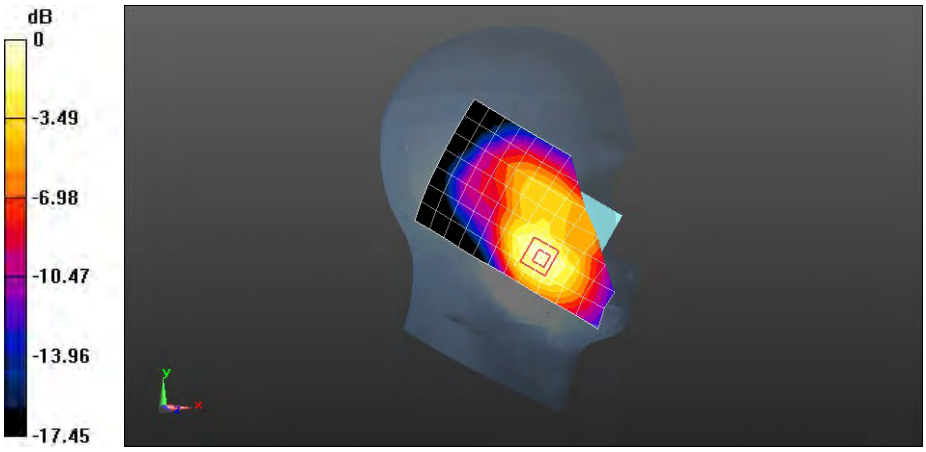
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.418 S/m; ε_r = 40.099; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

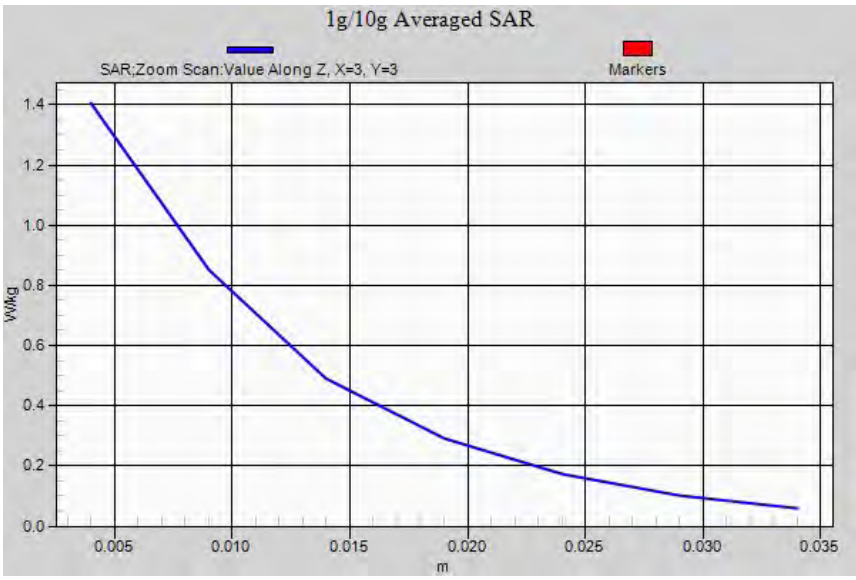
- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.28 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.146 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.738 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg



Date: 2013-6-7

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

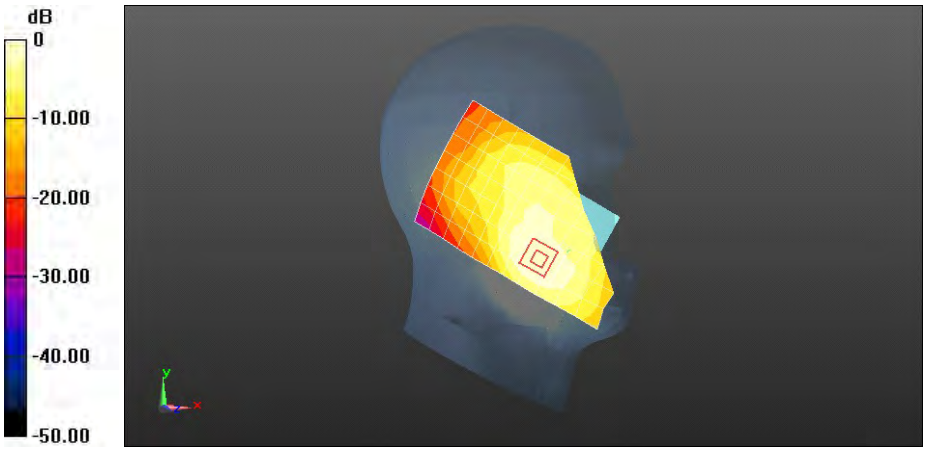
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.413 S/m; ε_r = 40.251; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 1.12 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.449 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.665 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1312CH Left hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 1.395 S/m; ε_r = 40.293; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

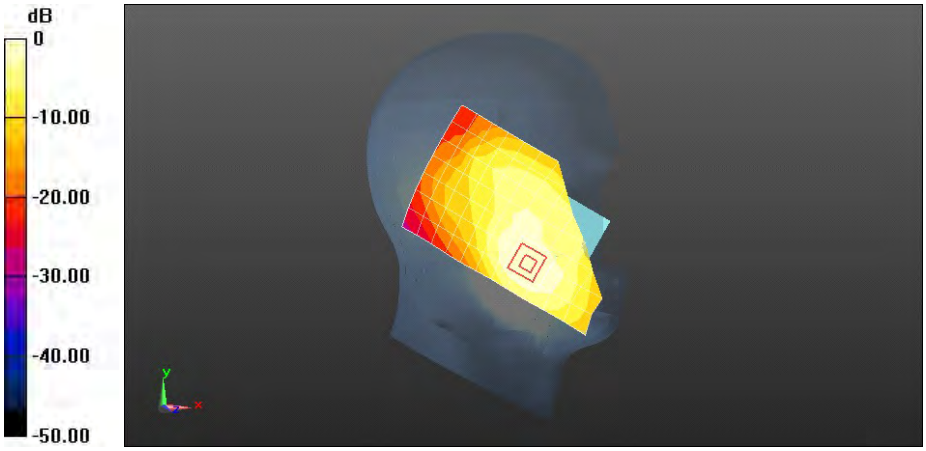
- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.072 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.679 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.16 W/kg = 0.63 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Left hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

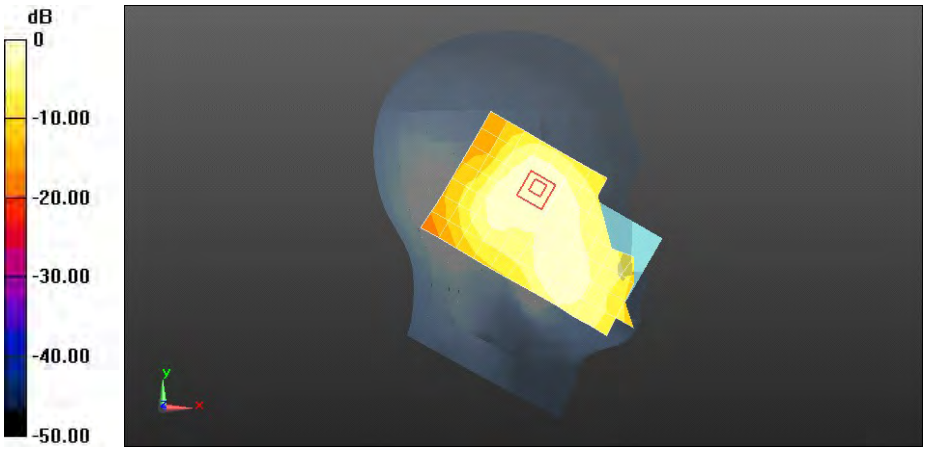
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.413 S/m; ε_r = 40.251; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.303 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.570 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.303 W/kg = -5.18 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1513CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

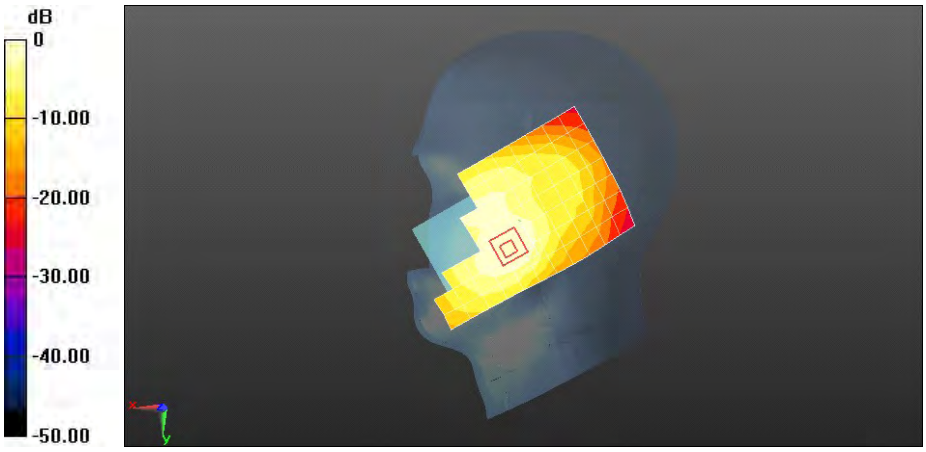
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.418 S/m; ε_r = 40.099; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 1.09 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.957 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.671 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.09 W/kg = 0.39 dBW/kg

Date: 2013-6-7

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

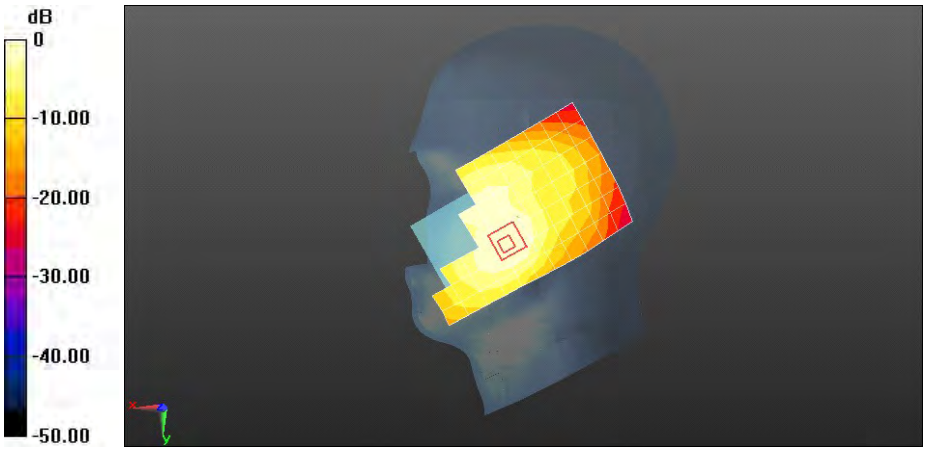
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.413 S/m; ε_r = 40.251; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.963 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.241 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.602 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 0.963 W/kg = -0.17 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1312CH Right hand touch cheek

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 1.395 S/m; ε_r = 40.293; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

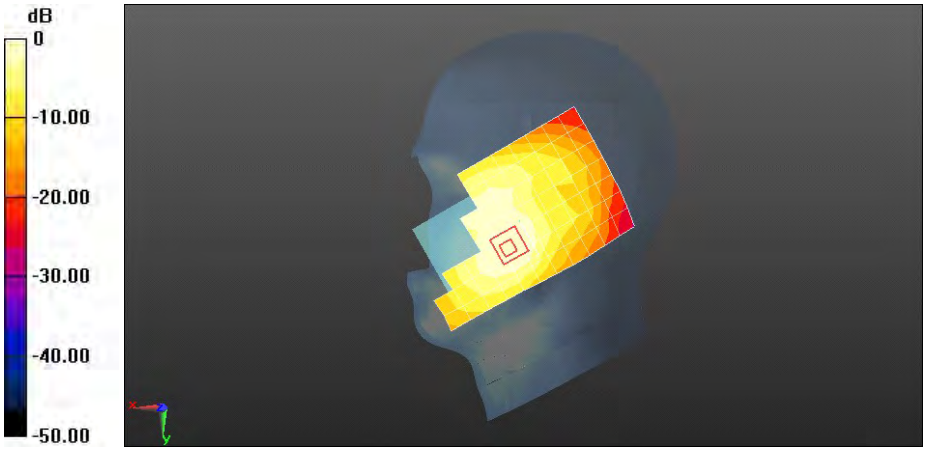
- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.976 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.269 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.611 W/kg

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



0 dB = 0.976 W/kg = -0.11 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Right hand tilt 15 degree

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 1.413 S/m; ε_r = 40.251; ρ = 1000 kg/m^3
Phantom section: Right Section

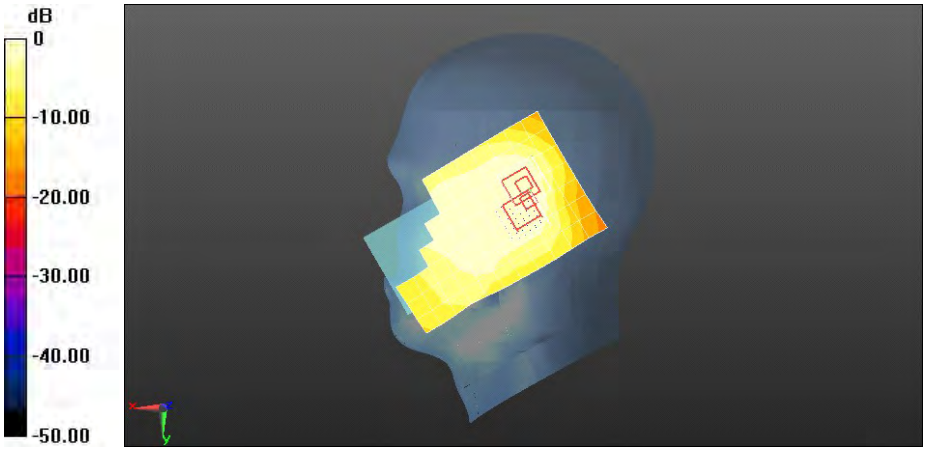
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 0.228 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.240 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.395 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.267 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.240 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.228 W/kg = -6.43 dBW/kg

Date: 2013-6-7

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1513CH Left hand touch cheek with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

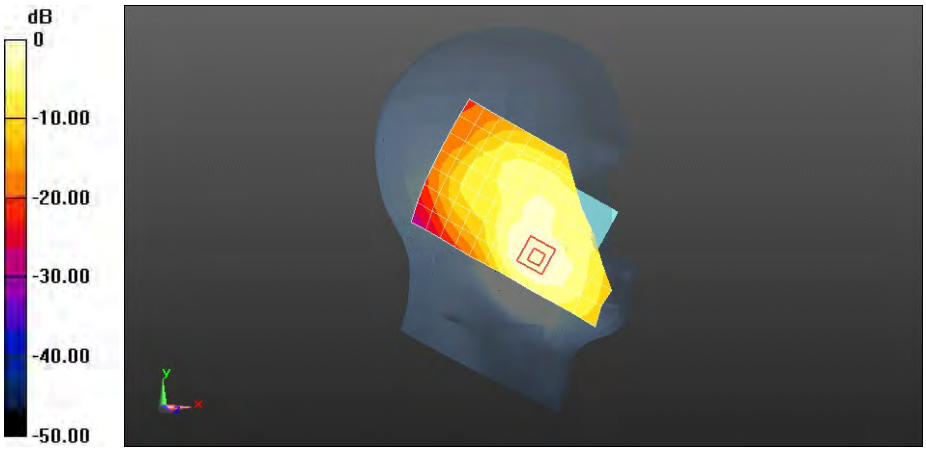
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.418 S/m; ε_r = 40.099; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.53, 5.53, 5.53); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- 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) = 1.23 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.033 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.725 W/kg
Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.23 W/kg = 0.89 dBW/kg

Date: 2013-6-1

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Towards Phantom 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

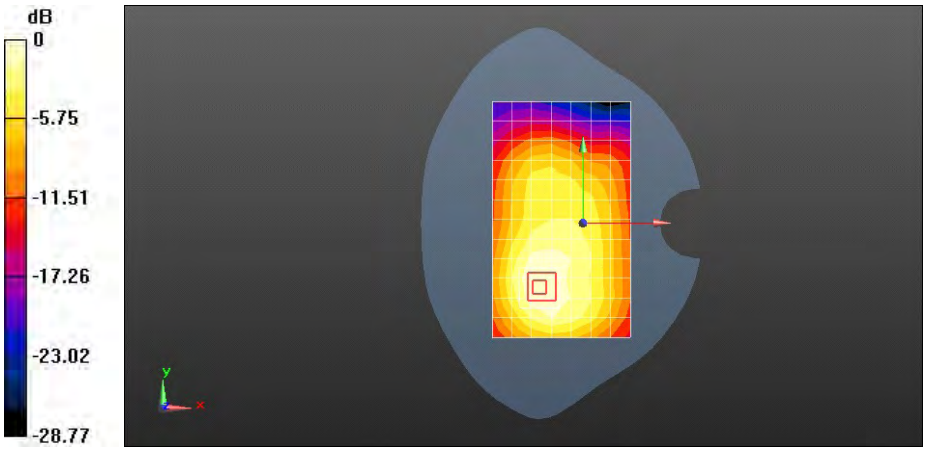
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.478 S/m; ε_r = 51.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.577 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.492 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.357 W/kg
Maximum value of SAR (measured) = 0.632 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Towards Ground 15mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

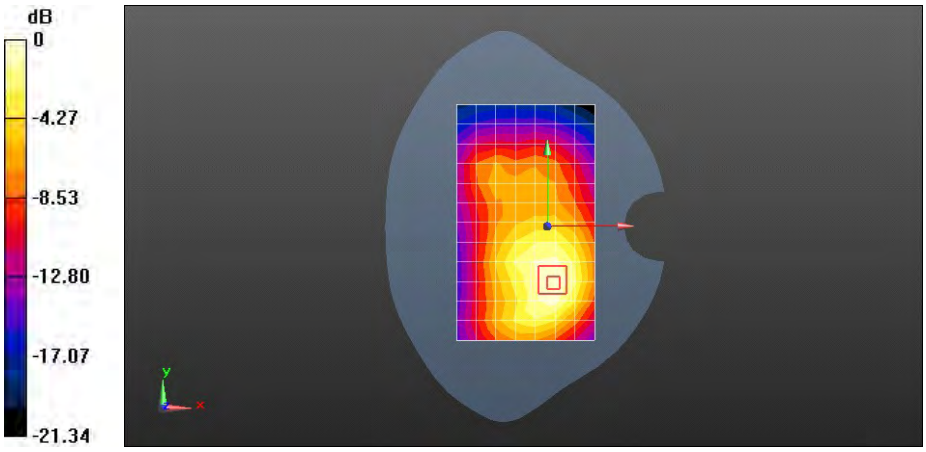
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.478 S/m; ε_r = 51.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.652 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.947 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.363 W/kg
Maximum value of SAR (measured) = 0.643 W/kg



0 dB = 0.652 W/kg = -1.86 dBW/kg

Date: 2013-6-1

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Towards Ground 15mm with battery 2#

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

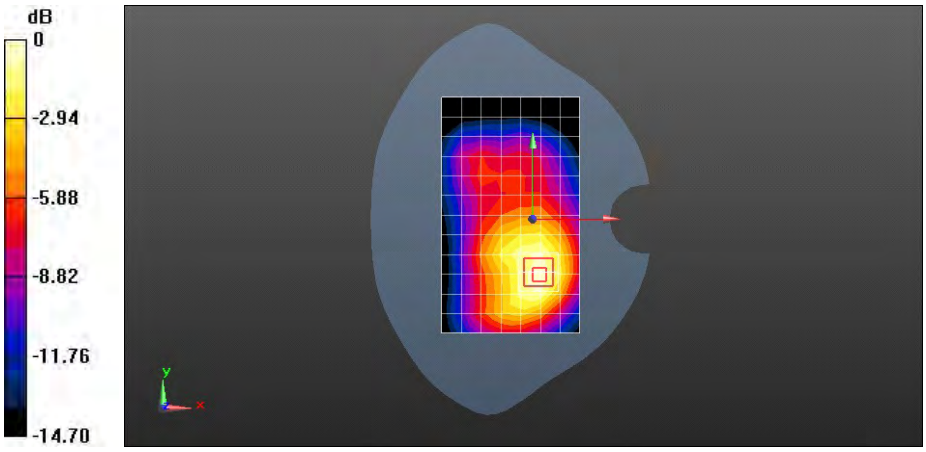
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.478 S/m; ε_r = 51.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

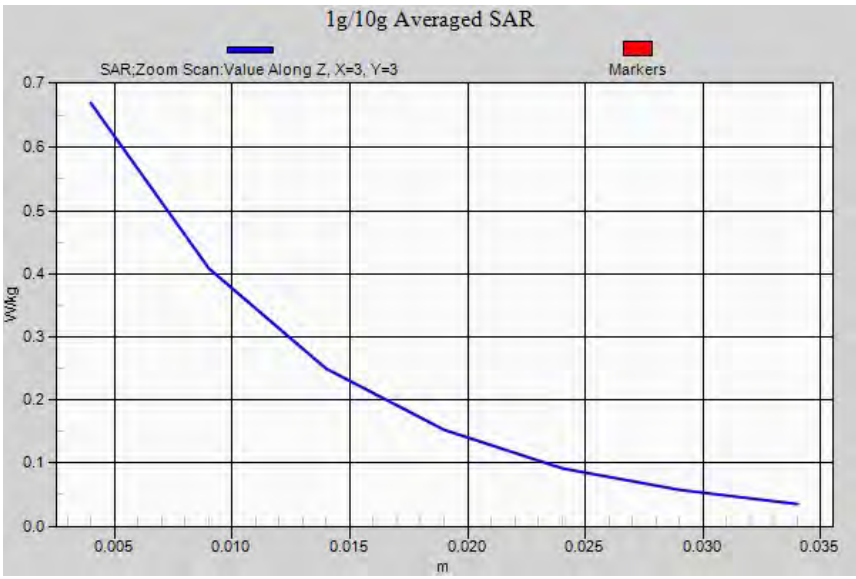
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.684 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.246 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.373 W/kg
Maximum value of SAR (measured) = 0.670 W/kg



0 dB = 0.670 W/kg = -1.74 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1513CH Towards Phantom 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

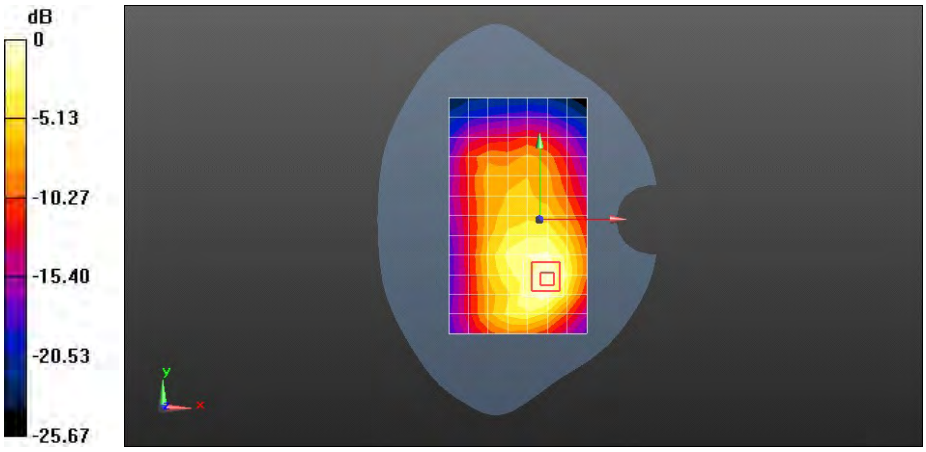
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.499 S/m; ε_r = 51.288; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.586 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.550 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.05 W/kg = 0.23 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Towards Phantom 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

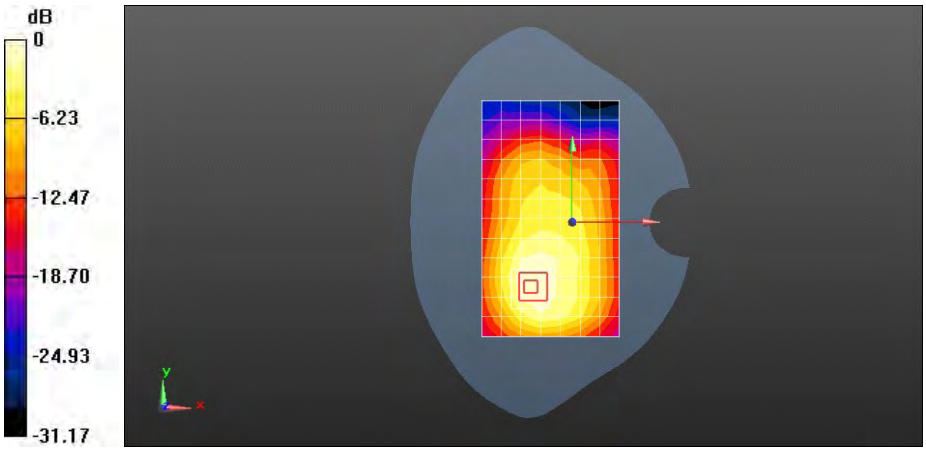
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.478 S/m; ε_r = 51.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.835 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.330 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 0.835 W/kg = -0.79 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1312CH Towards Phantom 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/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 = 1.464 S/m; ε_r = 51.395; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

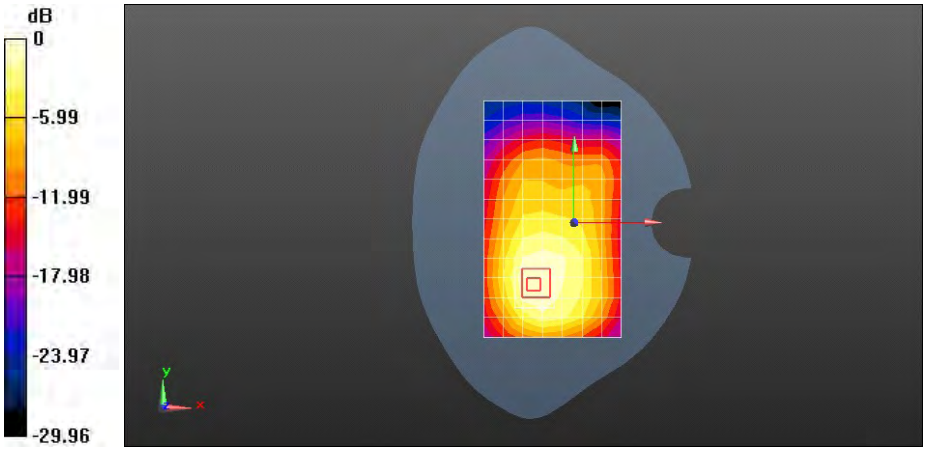
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.893 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.907 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.538 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.893 W/kg = -0.49 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1513CH Towards Ground 10mm

DUT: HUAWEI Y301-A2, Y301-A2; Type: LTE/UMTS Smart Phone; Serial: SAR1

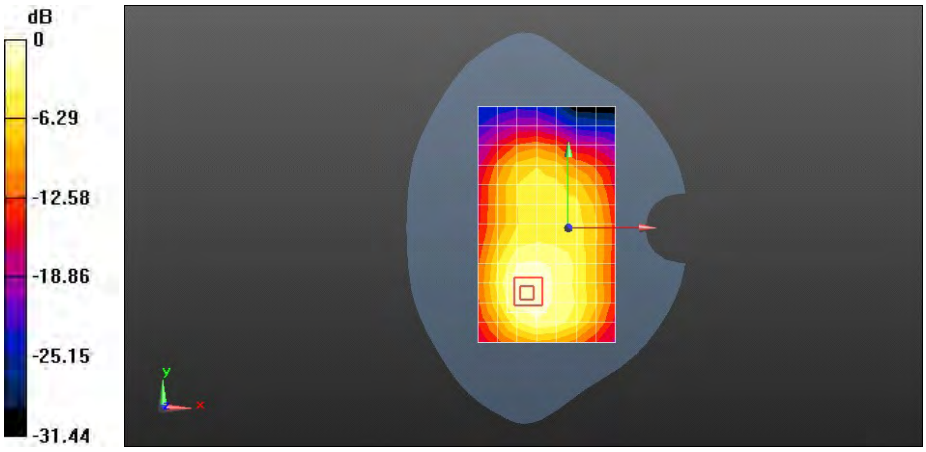
Communication System: HW-UMTS-FDD; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.499 S/m; ε_r = 51.288; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.950 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.765 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.567 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 0.950 W/kg = -0.22 dBW/kg