Test Laboratory: HUAWEI SAR/HAC Lab

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

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

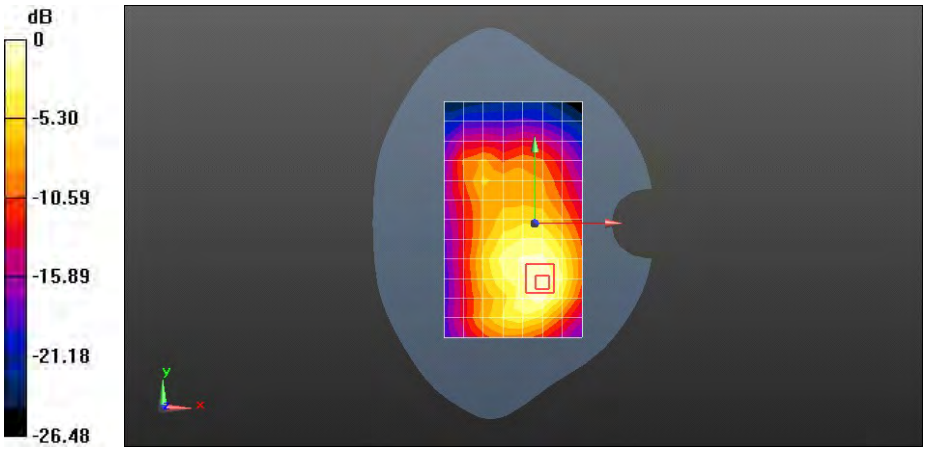
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.478 S/m; ε_r = 51.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.950 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.609 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (measured) = 0.923 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1312CH Towards Ground 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:

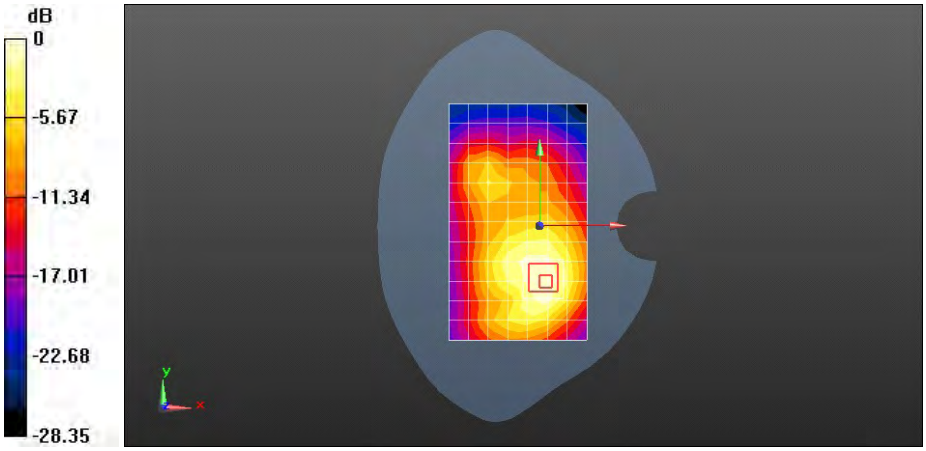
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.703 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.567 W/kg

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



0 dB = 1.05 W/kg = 0.22 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Left edge 10mm

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

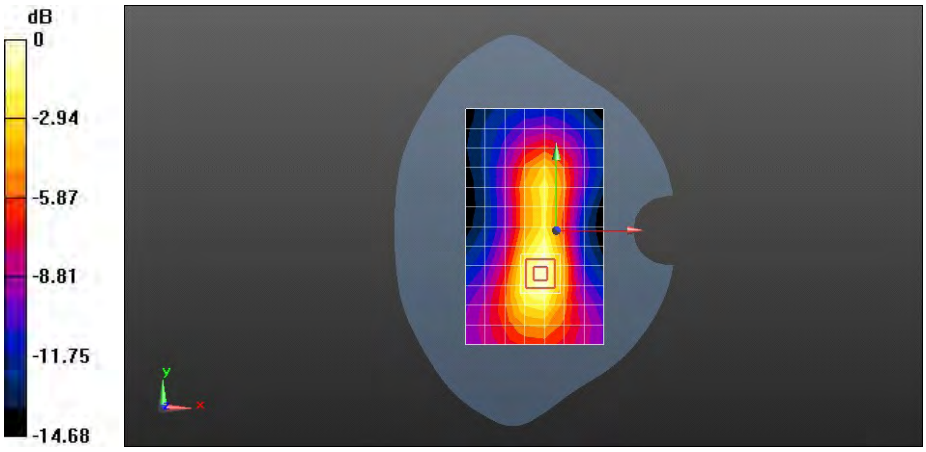
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.478 S/m; ε_r = 51.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.298 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.440 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.298 W/kg = -5.26 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Right edge 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

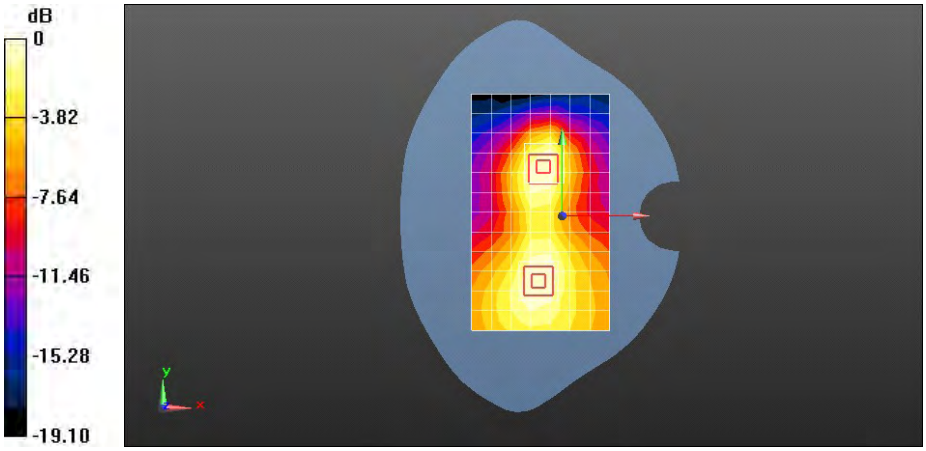
DASY Configuration:

- 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) = 0.155 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.881 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.176 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.881 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.174 W/kg



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

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1413CH Bottom edge 10mm

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

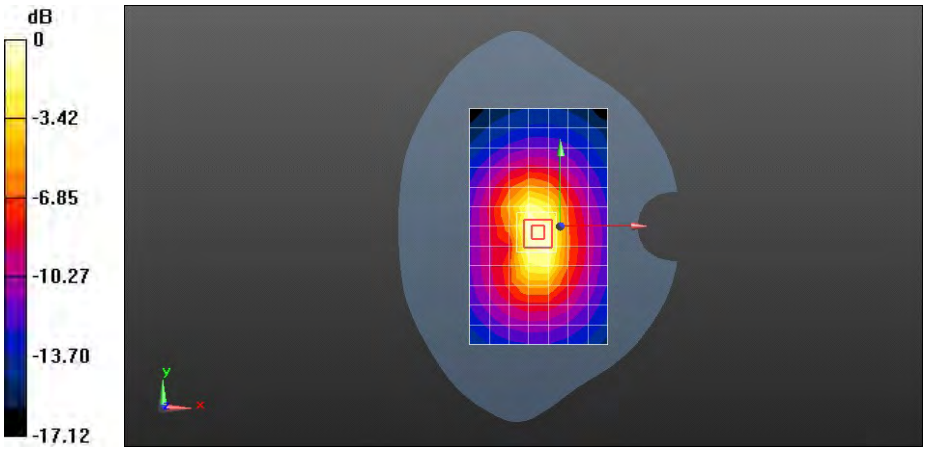
Communication System: HW-UMTS-FDD; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.478 S/m; ε_r = 51.367; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.509 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.211 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.976 W/kg
SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.509 W/kg = -2.94 dBW/kg

Date: 2013-6-1

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1312CH 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: 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:

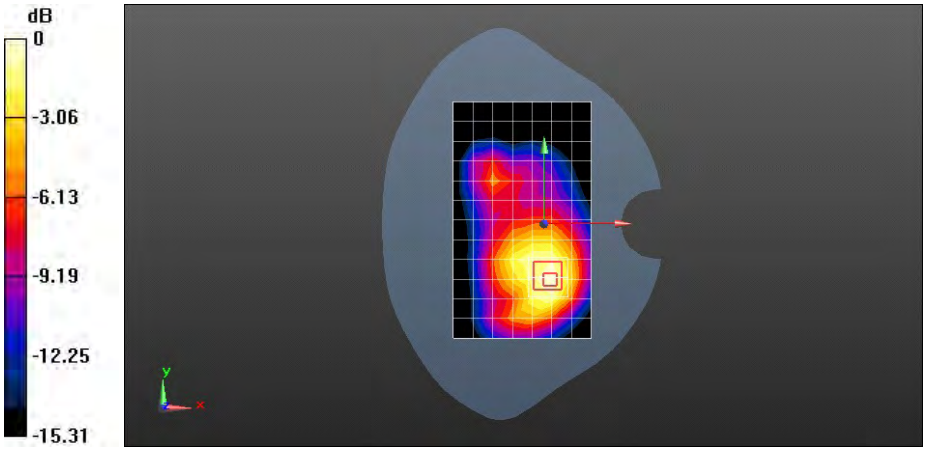
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.942 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.570 W/kg

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



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band IV 1312CH Towards Ground 10mm with battery 2#-repeated

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:

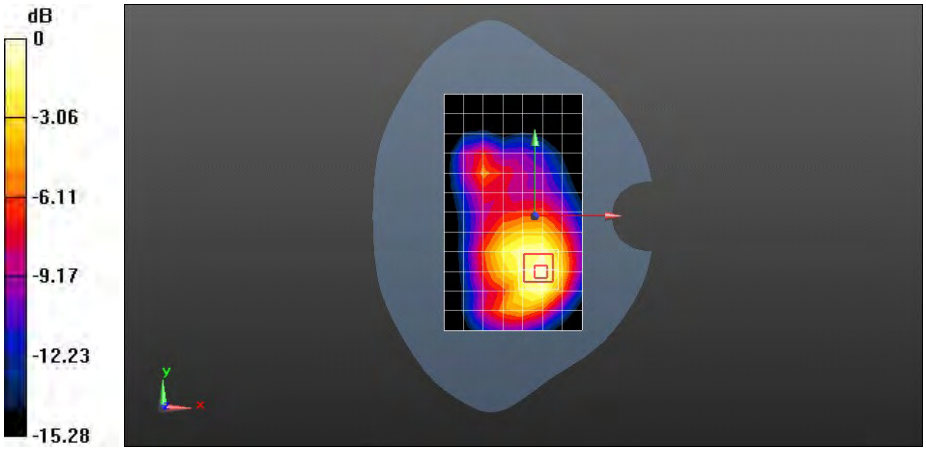
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

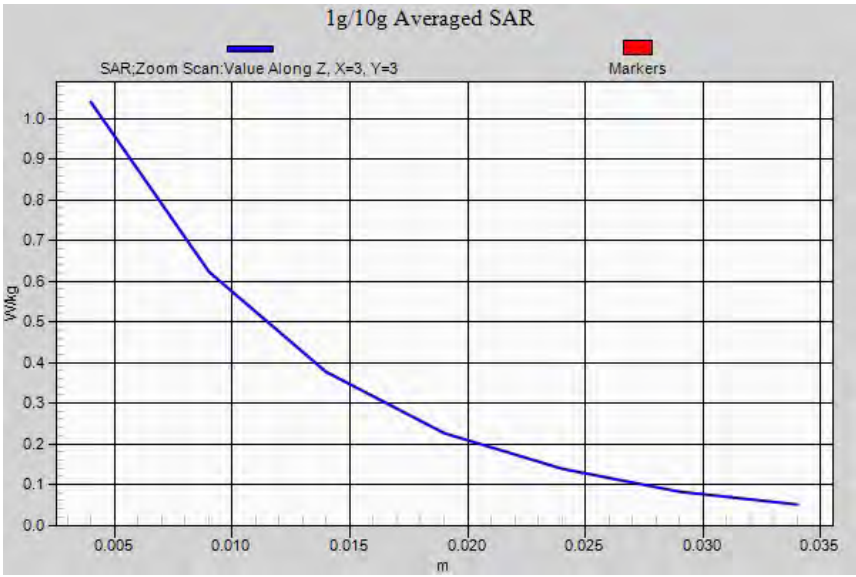
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.06 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.851 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.963 W/kg; SAR(10 g) = 0.568 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg



Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Left hand touch cheek

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

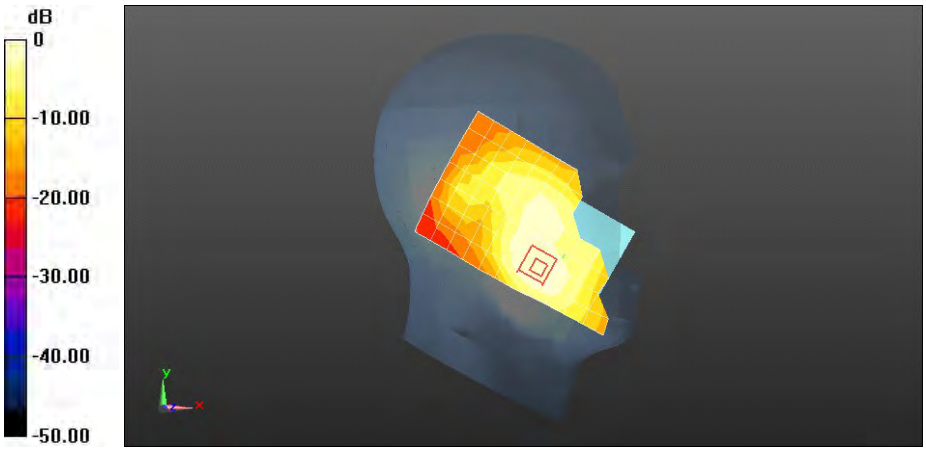
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.426 S/m; ε_r = 40.742; ρ = 1000 kg/m^3
Phantom section: Left Section

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) = 1.05 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.528 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.634 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



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

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Left hand touch cheek

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

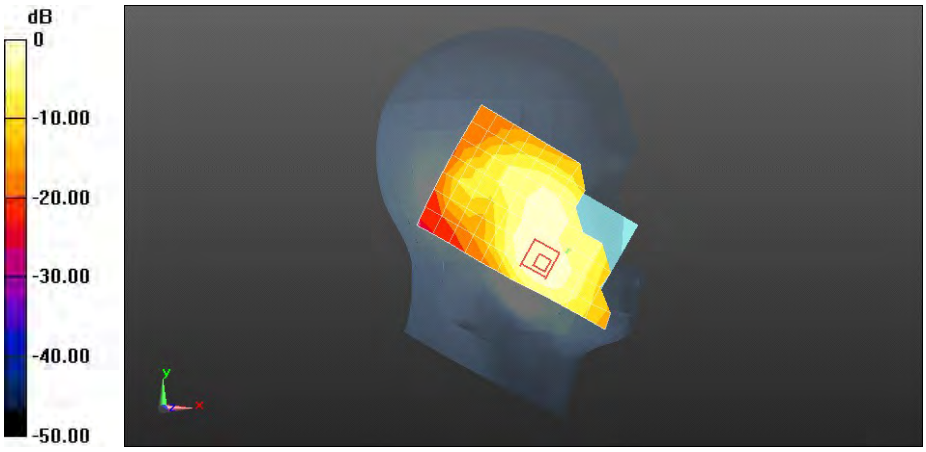
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Left Section

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) = 1.18 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.860 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.699 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.18 W/kg = 0.73 dBW/kg

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9262CH Left hand touch cheek

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

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.381 S/m; ε_r = 40.924; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

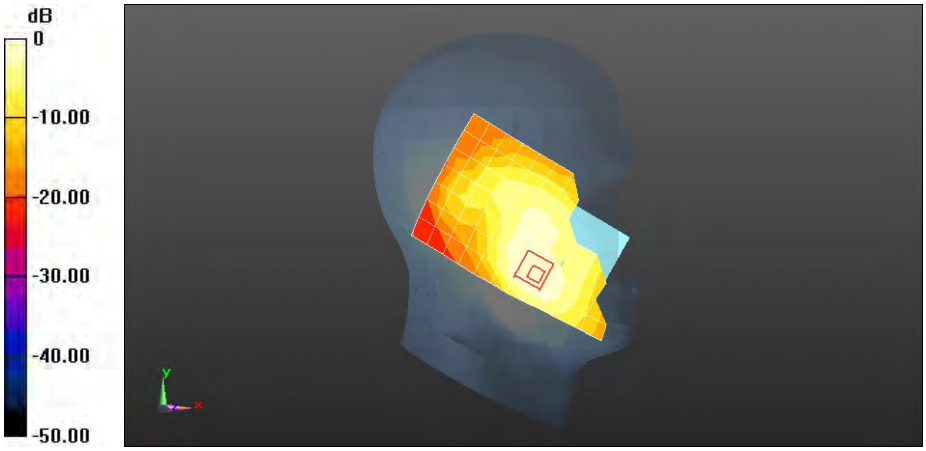
- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.881 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.604 W/kg

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



0 dB = 1.02 W/kg = 0.11 dBW/kg

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Left hand tilt 15 degree

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

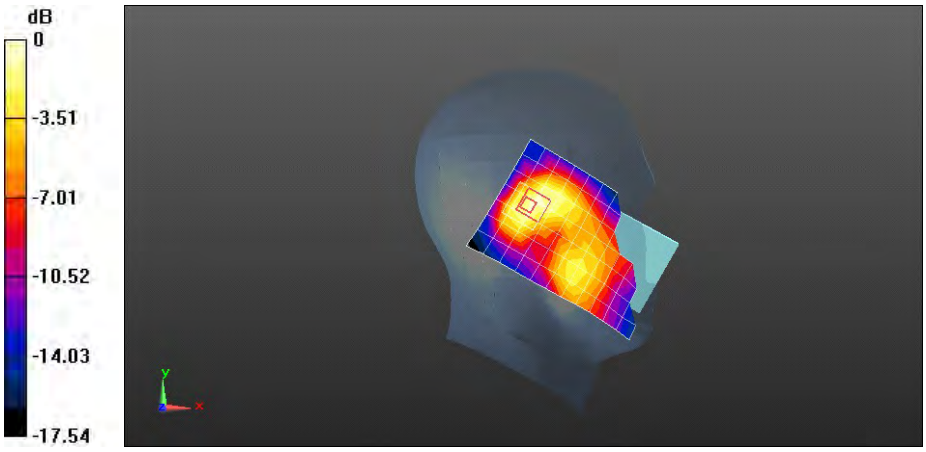
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Left Section

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) = 0.408 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.317 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425 W/kg = -3.72 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Right hand touch cheek

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

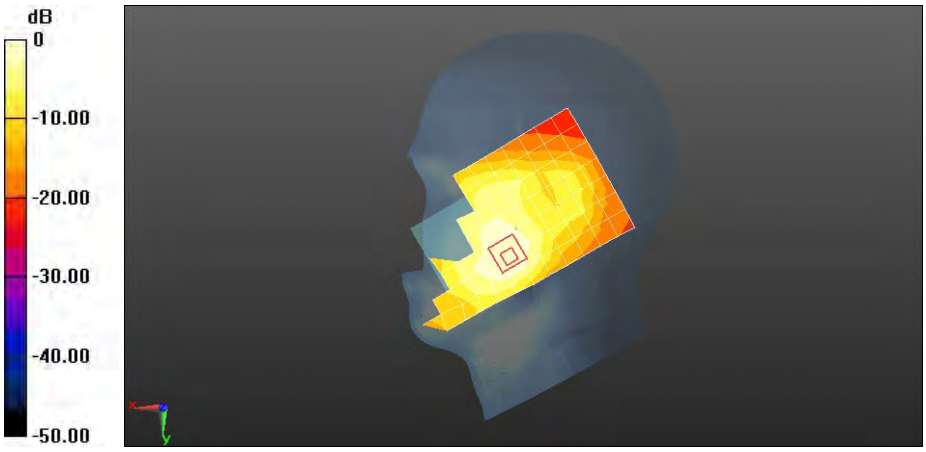
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.426 S/m; ε_r = 40.742; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 1.09 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.657 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.632 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



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

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Right hand touch cheek

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

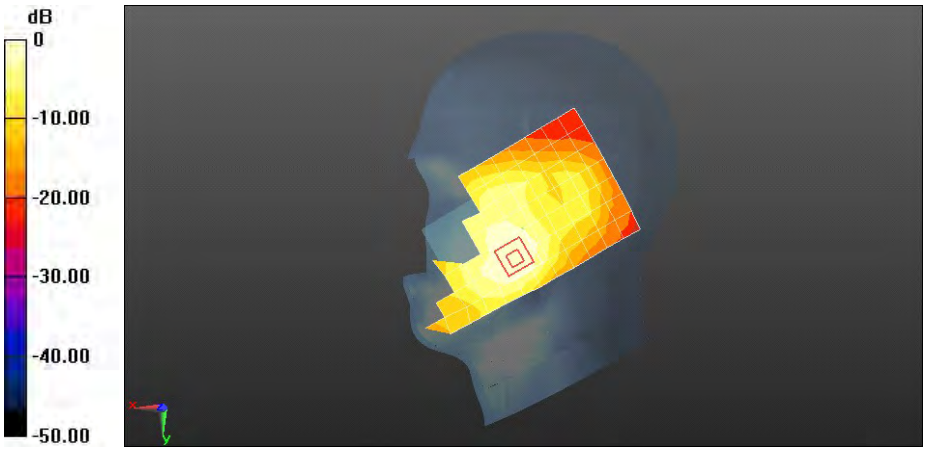
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 1.17 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.987 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9262CH Right hand touch cheek

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

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.381 S/m; ε_r = 40.924; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

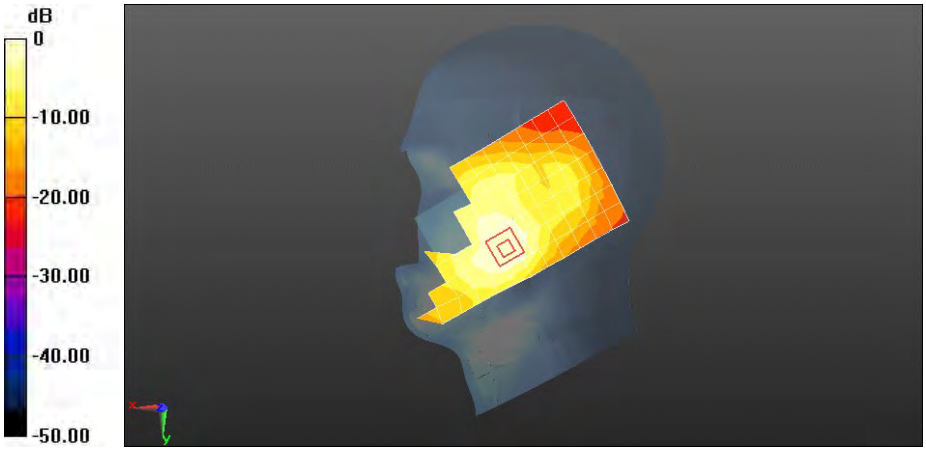
- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.531 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.598 W/kg

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



0 dB = 1.04 W/kg = 0.18 dBW/kg

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Right hand tilt 15 degree

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

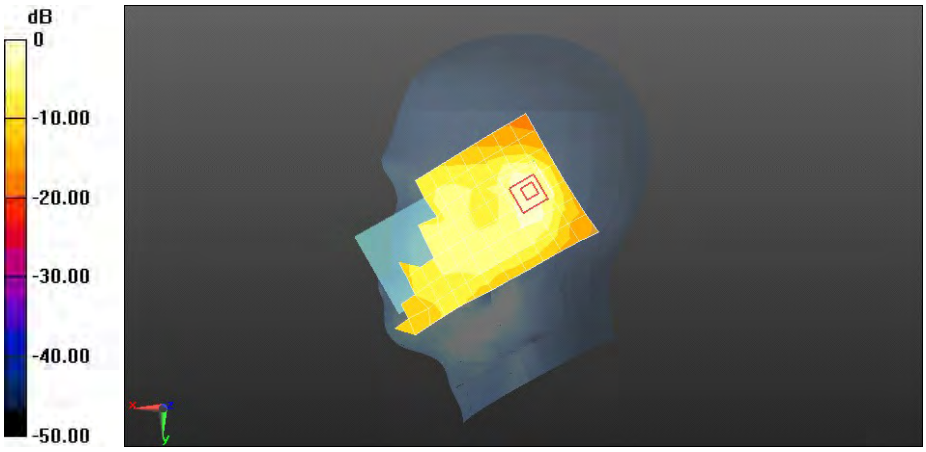
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 0.443 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.573 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.751 W/kg
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.475 W/kg



0 dB = 0.443 W/kg = -3.53 dBW/kg

Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Left hand touch cheek with battery 2#

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

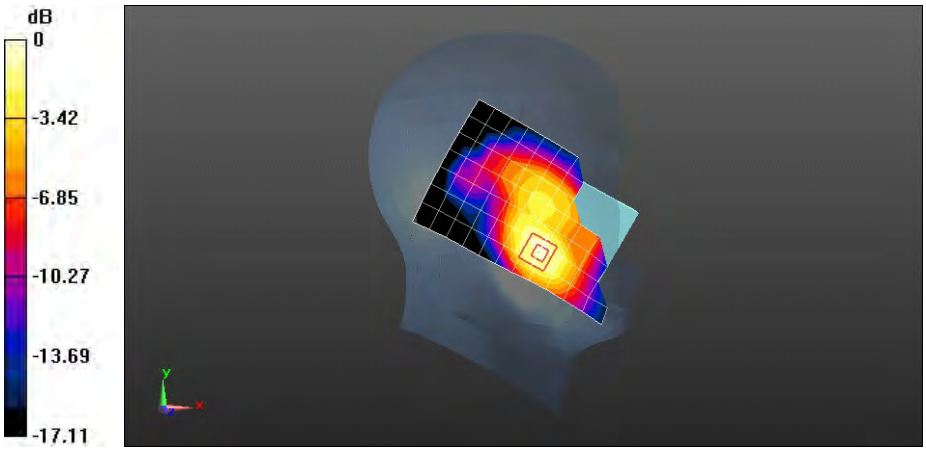
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

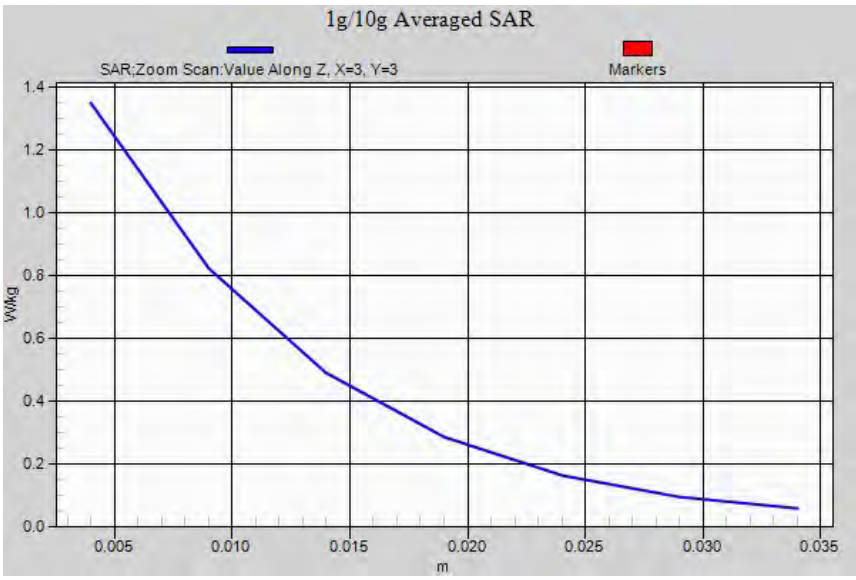
- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.19 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.483 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.696 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg



Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Left hand touch cheek with battery 2#-repeated

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

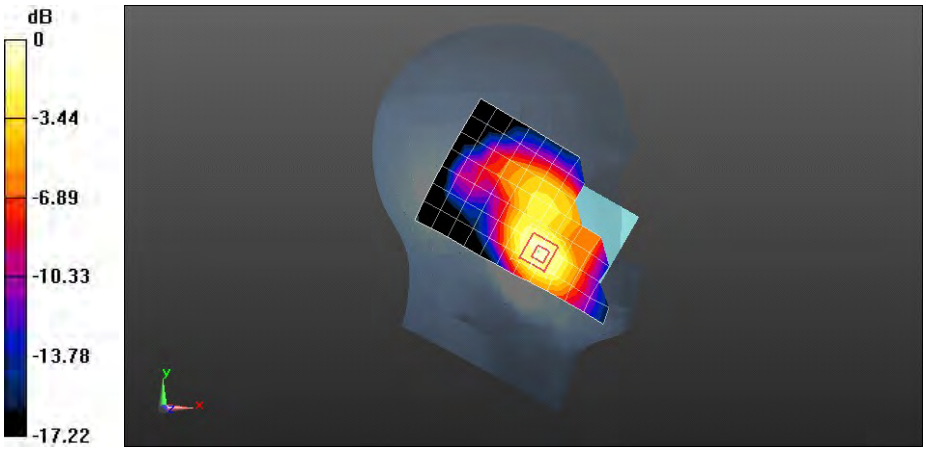
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

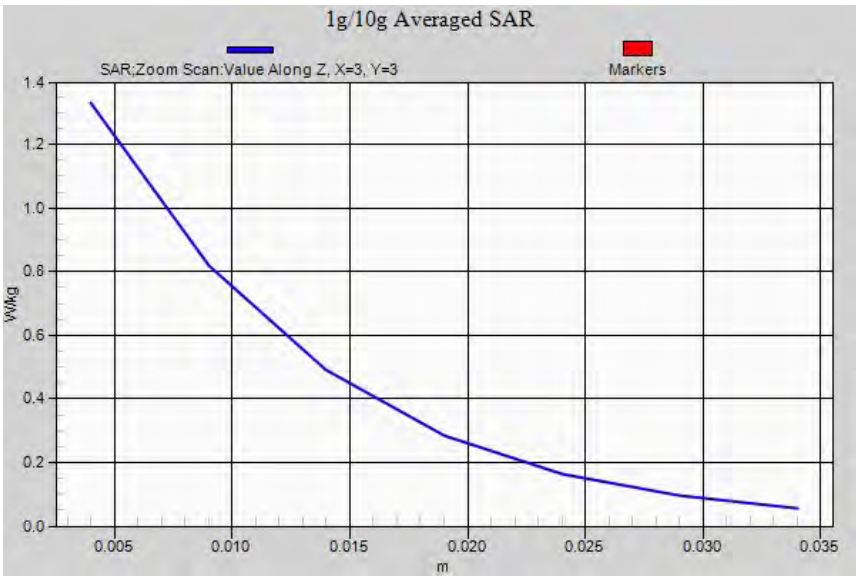
- Probe: EX3DV4 - SN3736; ConvF(7.77, 7.77, 7.77); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.037 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.692 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg



Date: 2013-5-28

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Right hand touch cheek with WiFi activated

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

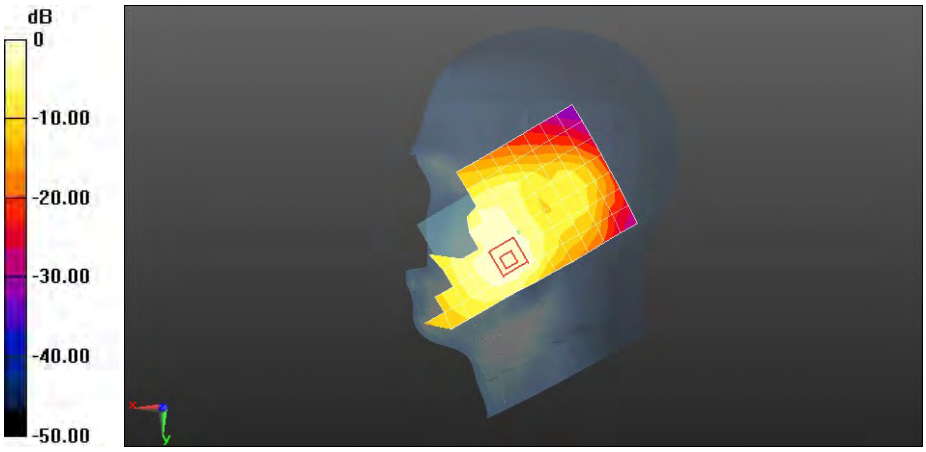
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.407 S/m; ε_r = 40.746; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 0.755 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.498 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.457 W/kg
Maximum value of SAR (measured) = 0.785 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Towards Phantom 15mm

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

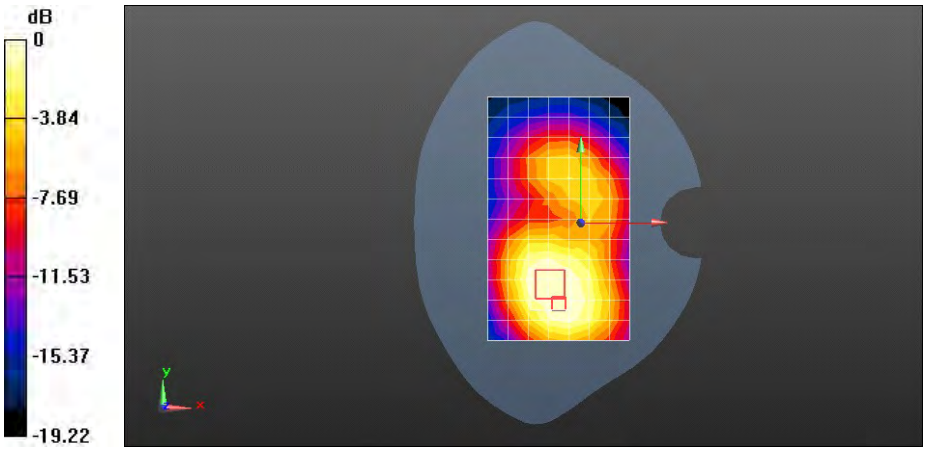
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.572 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.760 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.927 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.436 W/kg
Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.760 W/kg = -1.19 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Towards Phantom 15mm

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

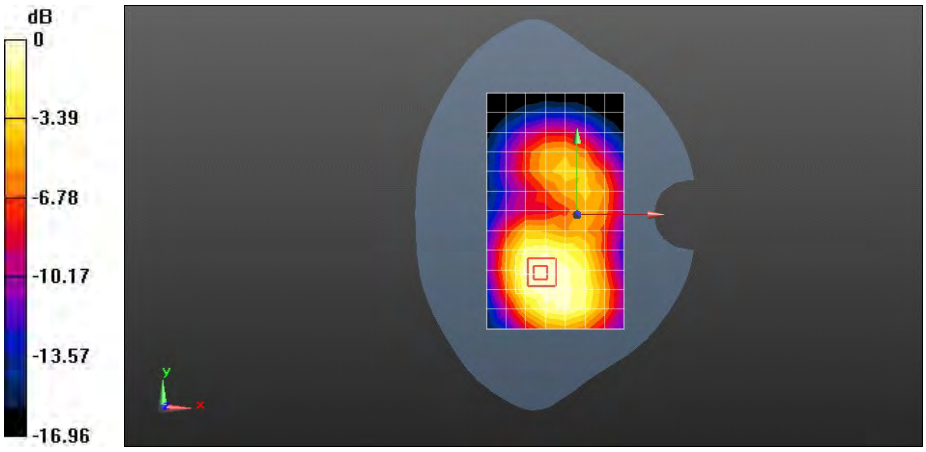
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

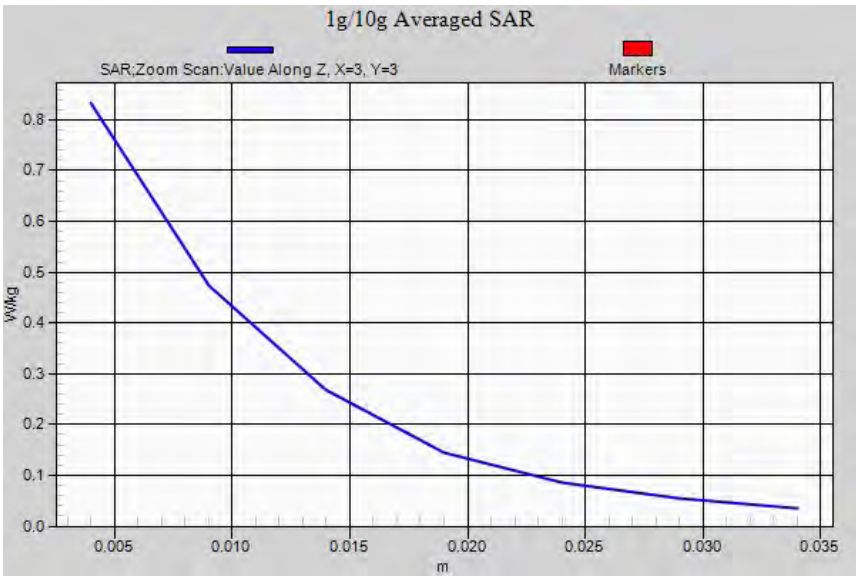
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.813 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.506 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg = -0.79 dBW/kg



Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9262CH Towards Phantom 15mm

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

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.511 S/m; ε_r = 53.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

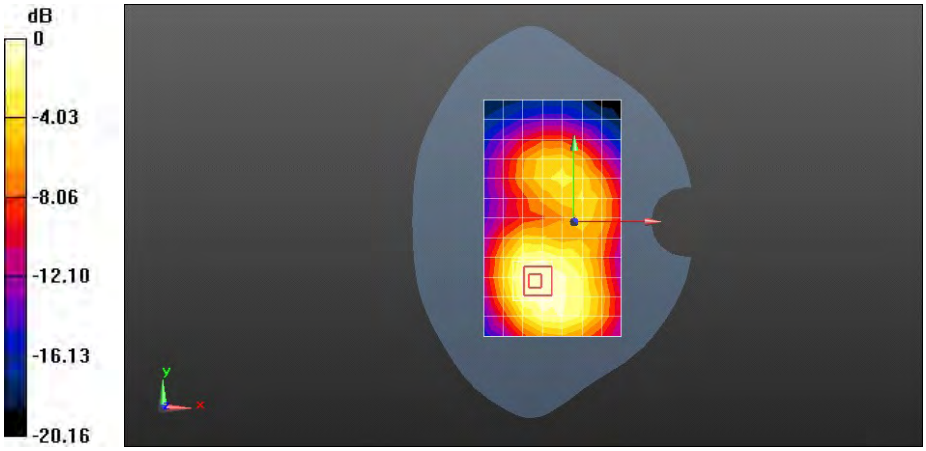
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

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 = 9.225 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.442 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.761 W/kg = -1.18 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Towards Ground 15mm

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

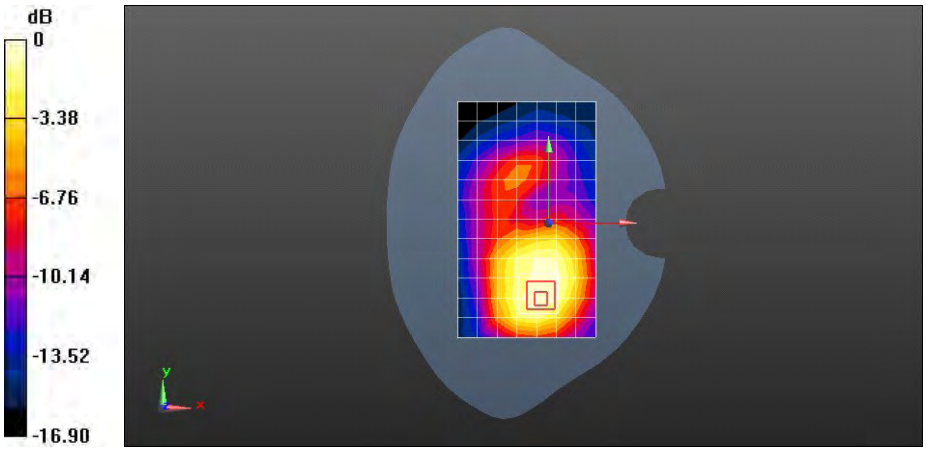
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.572 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.721 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.154 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.389 W/kg
Maximum value of SAR (measured) = 0.742 W/kg



0 dB = 0.721 W/kg = -1.42 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Towards Ground 15mm

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

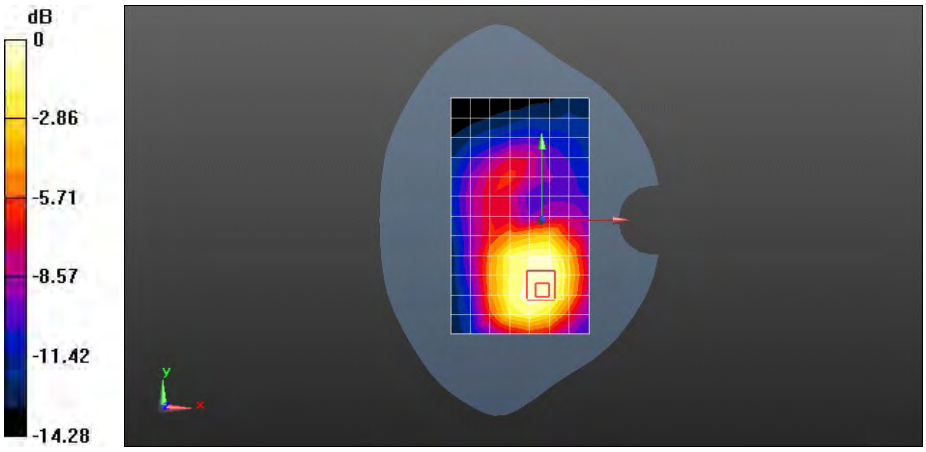
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.686 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.800 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.686 W/kg = -1.64 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9262CH Towards Ground 15mm

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

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.511 S/m; ε_r = 53.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

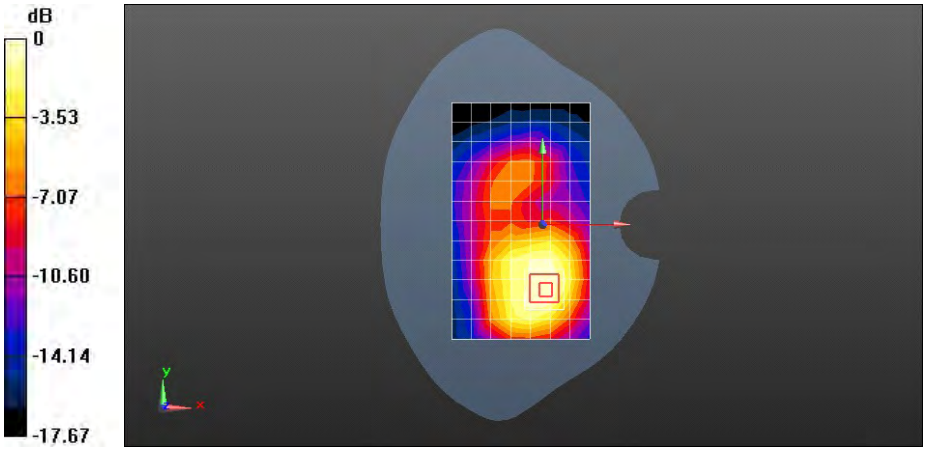
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.661 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.785 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.354 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.669 W/kg



0 dB = 0.661 W/kg = -1.80 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Towards Phantom 15mm with battery 2#

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

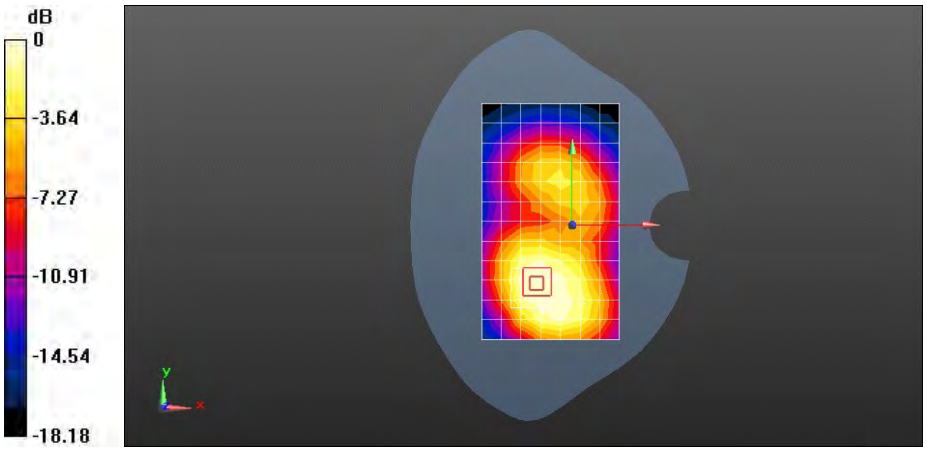
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.798 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.572 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 0.820 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Towards Phantom 10mm

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

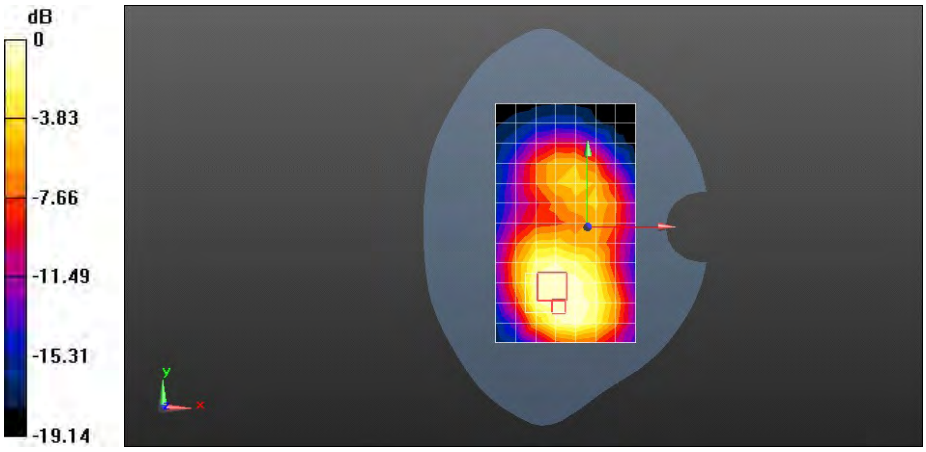
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.572 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.799 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.459 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.799 W/kg = -0.97 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Towards Phantom 10mm

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

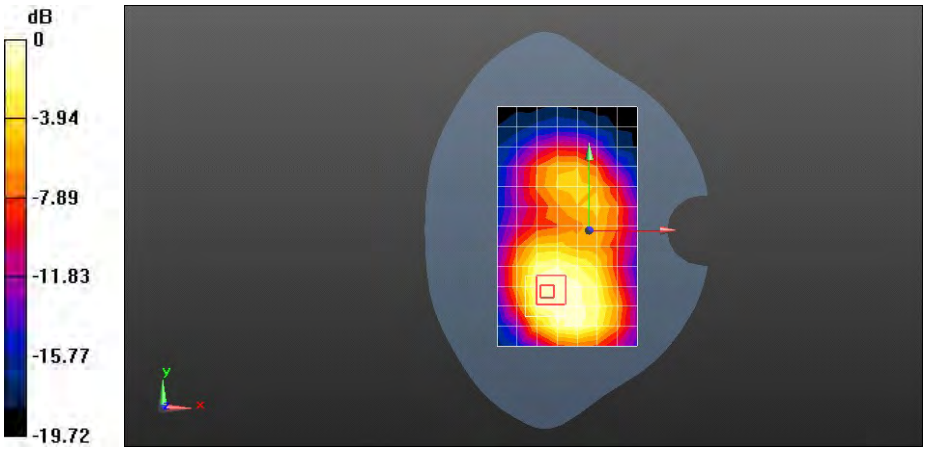
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.807 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.723 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 0.859 W/kg



0 dB = 0.807 W/kg = -0.93 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9262CH Towards Phantom 10mm

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

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.511 S/m; ε_r = 53.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

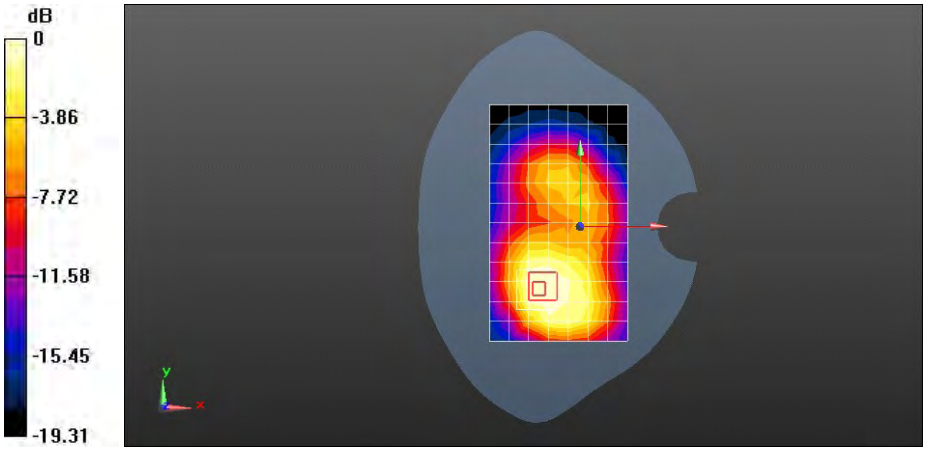
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.767 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.679 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.452 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.851 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Towards Ground 10mm

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

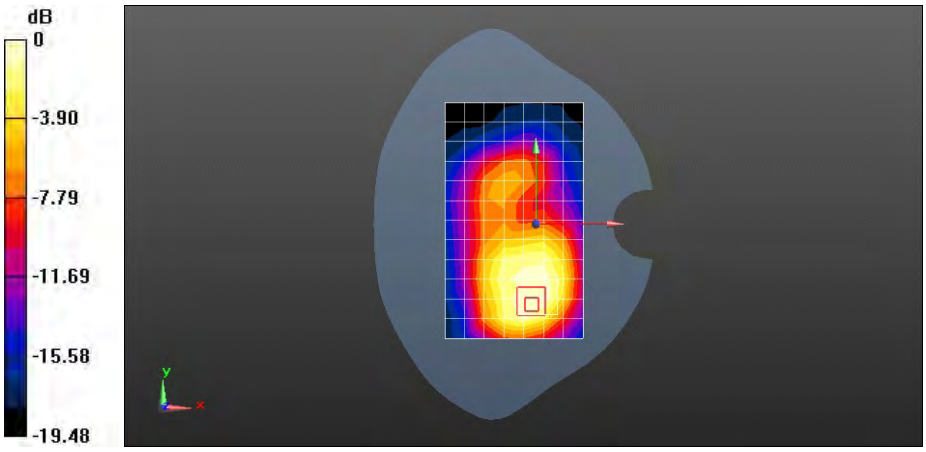
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.572 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.817 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.697 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.450 W/kg
Maximum value of SAR (measured) = 0.878 W/kg



0 dB = 0.817 W/kg = -0.88 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Towards Ground 10mm

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

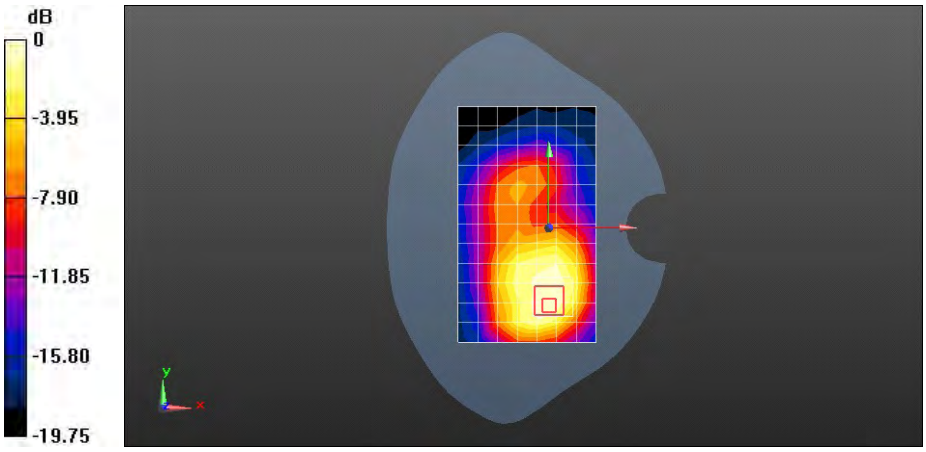
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.847 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.845 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 0.880 W/kg



0 dB = 0.847 W/kg = -0.72 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9262CH Towards Ground 10mm

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

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.511 S/m; ε_r = 53.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

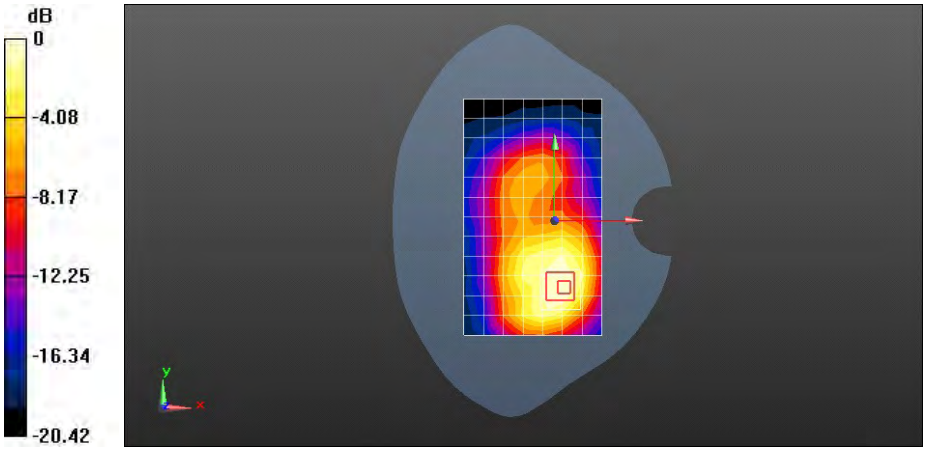
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.831 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.394 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.429 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.831 W/kg = -0.80 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Left edge 10mm

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

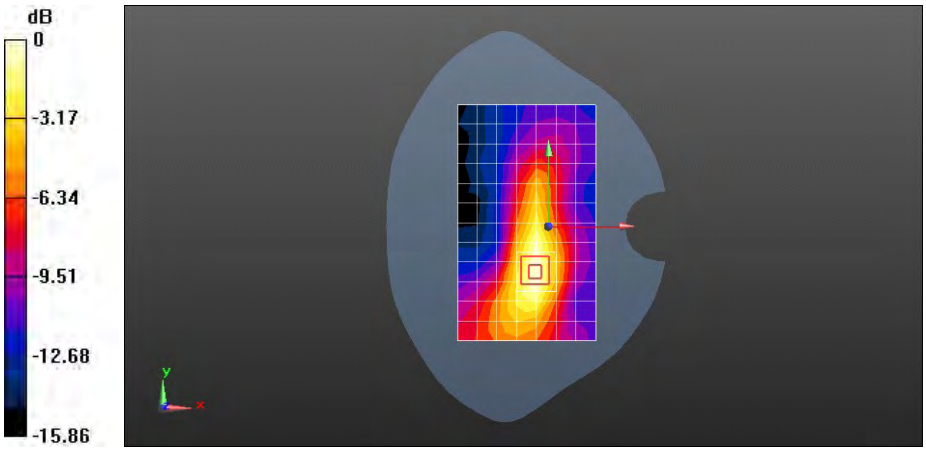
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.309 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.570 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.151 W/kg
Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Right edge 10mm

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

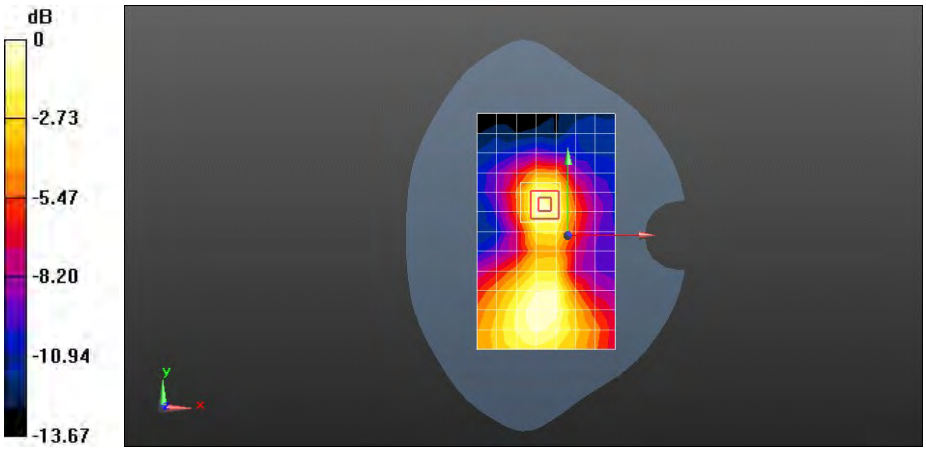
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.195 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.828 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.410 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.097 W/kg
Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.195 W/kg = -7.11 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Bottom edge 10mm

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

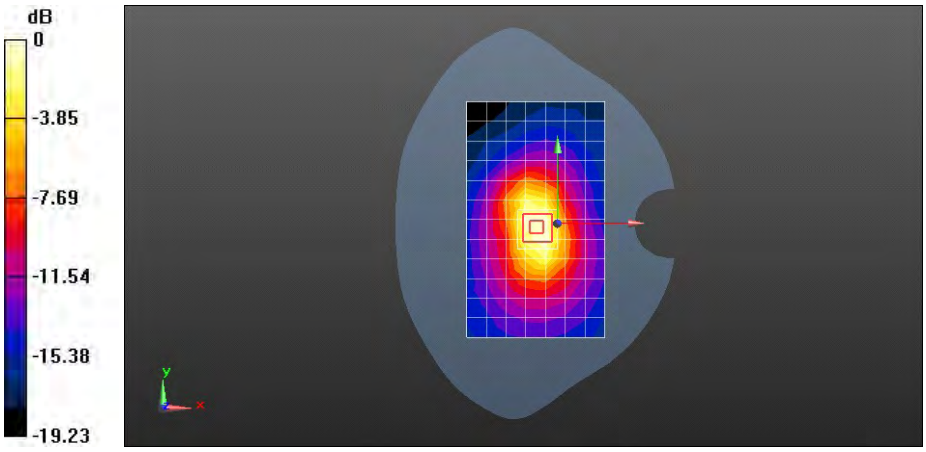
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.572 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.787 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.766 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.440 W/kg
Maximum value of SAR (measured) = 0.964 W/kg



0 dB = 0.787 W/kg = -1.04 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9400CH Bottom edge 10mm

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

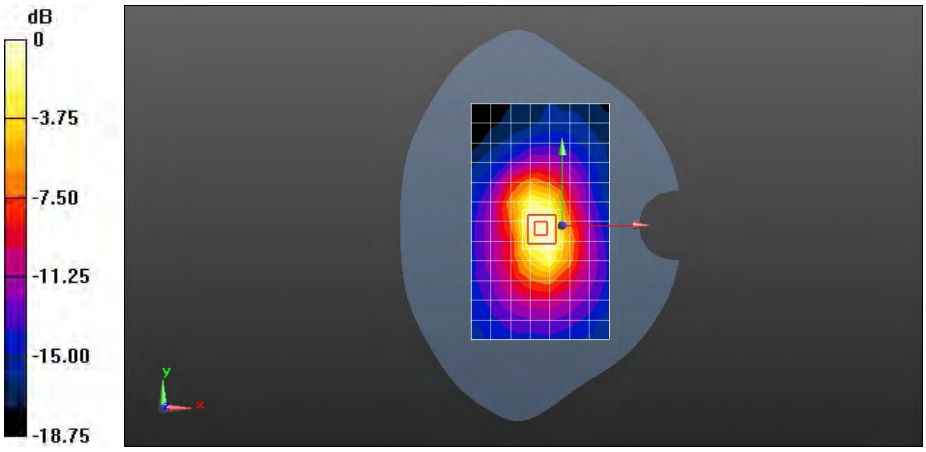
Communication System: HW-UMTS-FDD; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.542 S/m; ε_r = 53.212; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.751 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.581 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.427 W/kg
Maximum value of SAR (measured) = 0.927 W/kg



0 dB = 0.751 W/kg = -1.25 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9262CH Bottom edge 10mm

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

Communication System: HW-UMTS-FDD; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.511 S/m; ε_r = 53.26; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

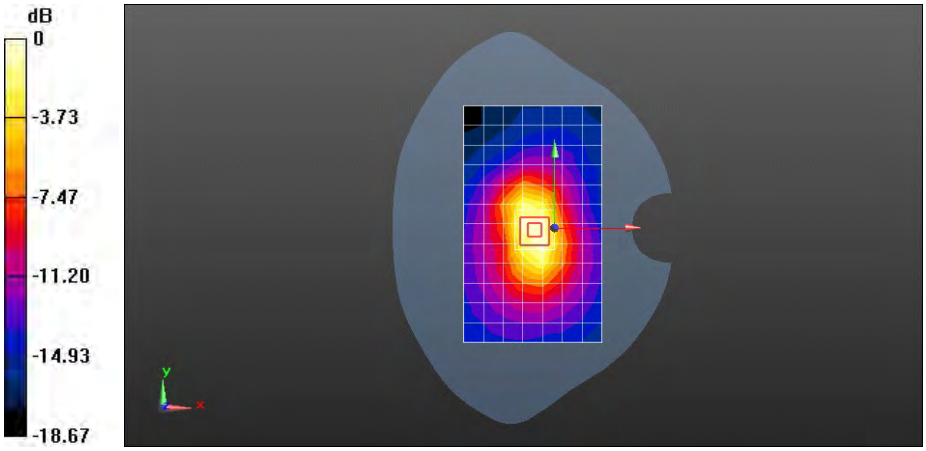
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.673 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.728 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.391 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.852 W/kg



0 dB = 0.673 W/kg = -1.72 dBW/kg

Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Bottom edge 10mm with battery 2#

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

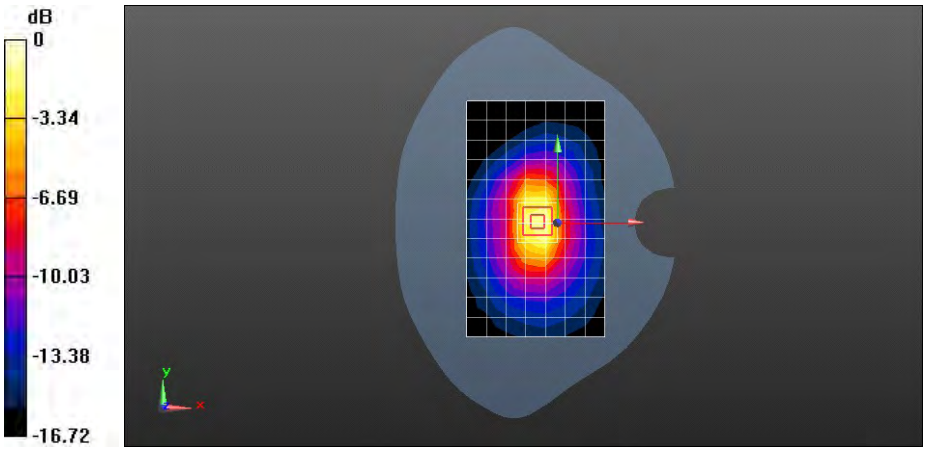
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.572 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

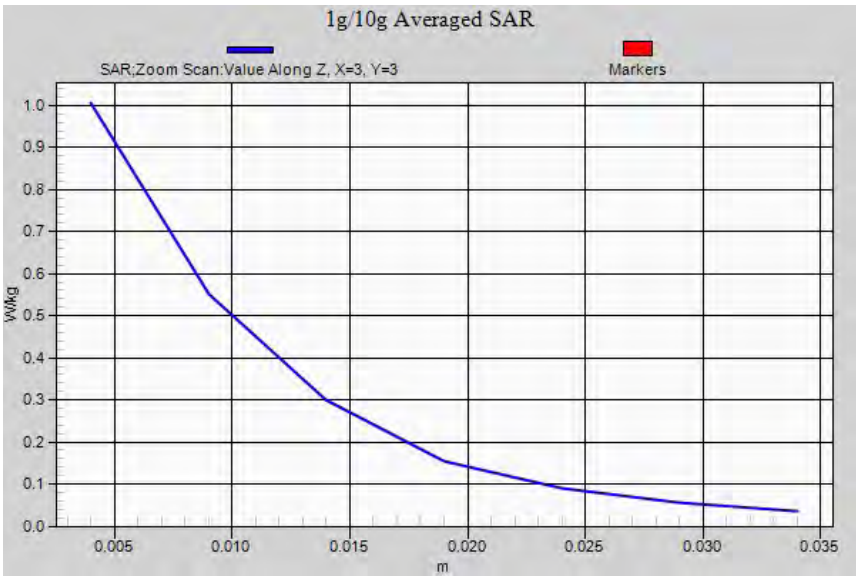
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.811 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.868 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg



Date: 2013-5-29

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 UMTS Band II 9538CH Bottom edge 10mm with battery 2#-repeated

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

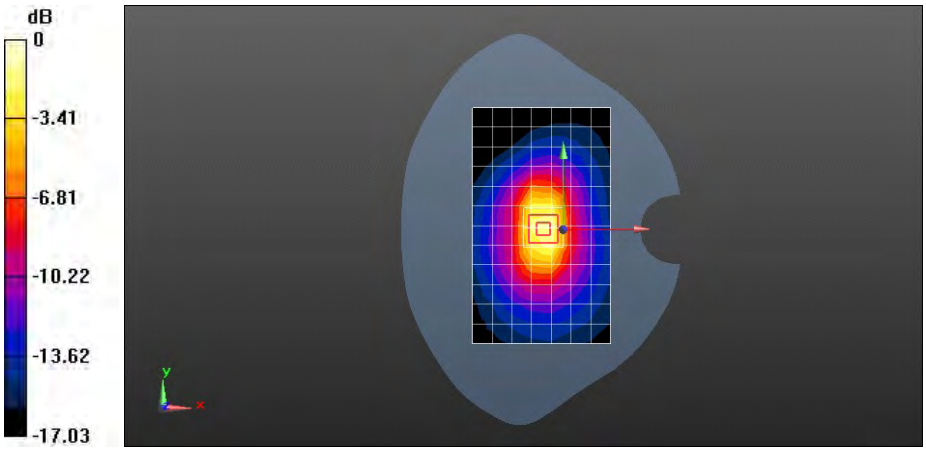
Communication System: HW-UMTS-FDD; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.572 S/m; ε_r = 53.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

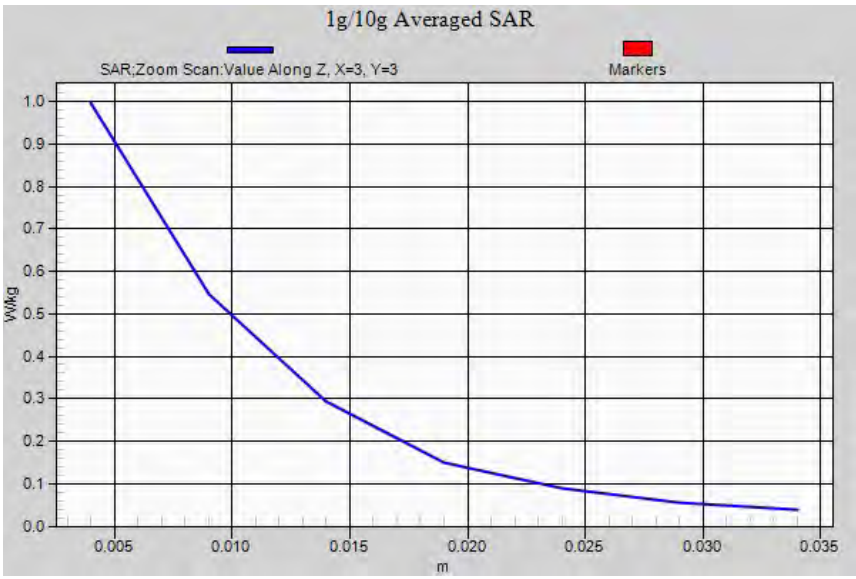
- Probe: EX3DV4 - SN3736; ConvF(7.51, 7.51, 7.51); Calibrated: 2013-5-10;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.806 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.804 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.996 W/kg = -0.02 dBW/kg



Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Towards Phantom 15mm

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

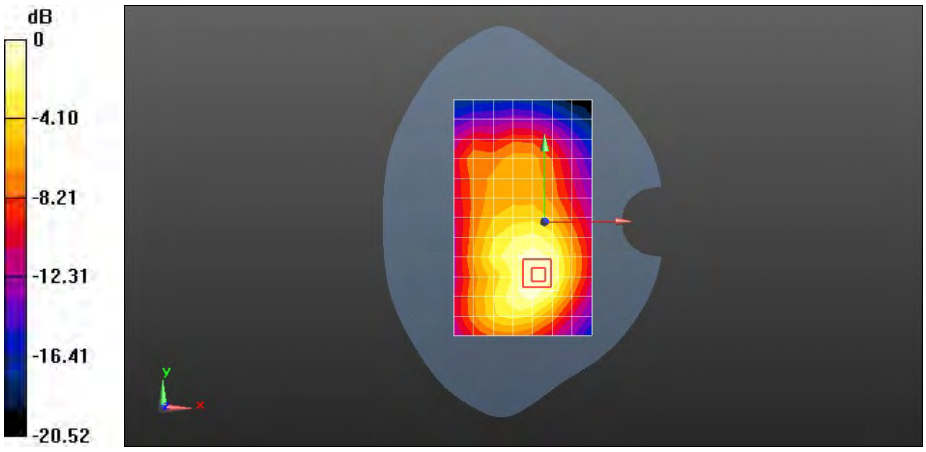
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.503 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.817 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.775 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.523 W/kg



0 dB = 0.503 W/kg = -2.99 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Towards Ground 15mm

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

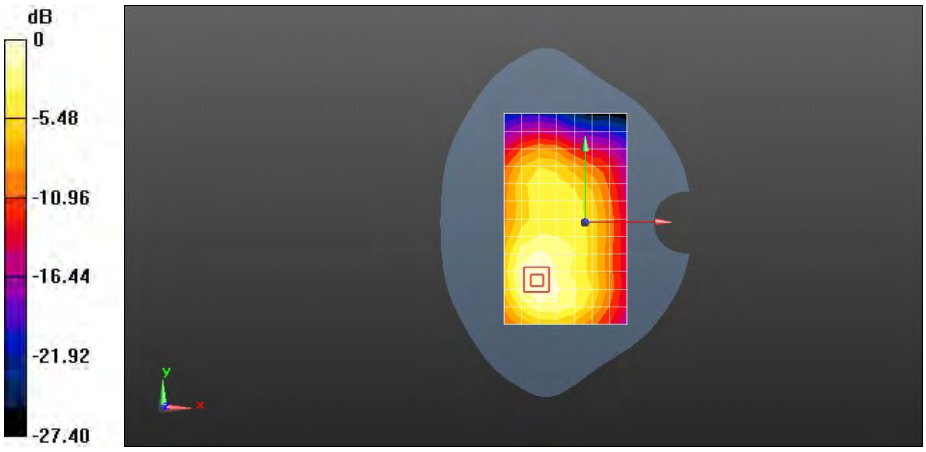
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.521 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.764 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.298 W/kg
Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.521 W/kg = -2.83 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#50 20300CH Towards Phantom 15mm

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

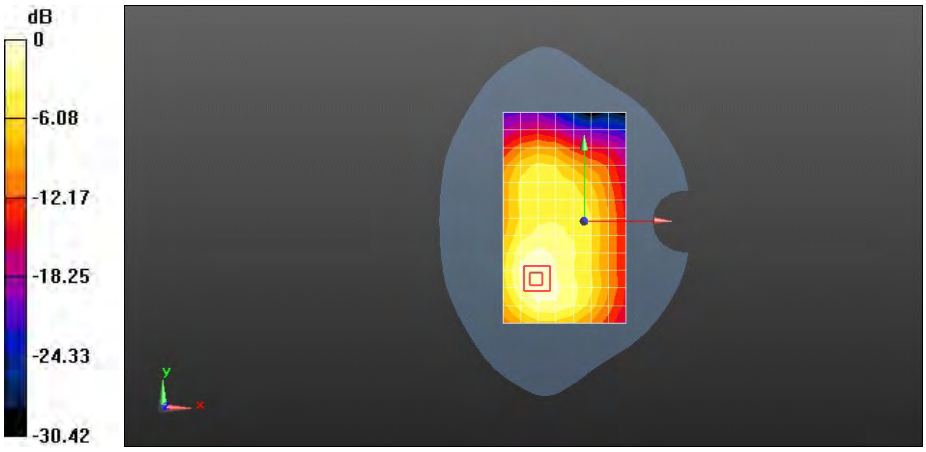
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.419 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.618 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.240 W/kg
Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#50 20300CH Towards Ground 15mm

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

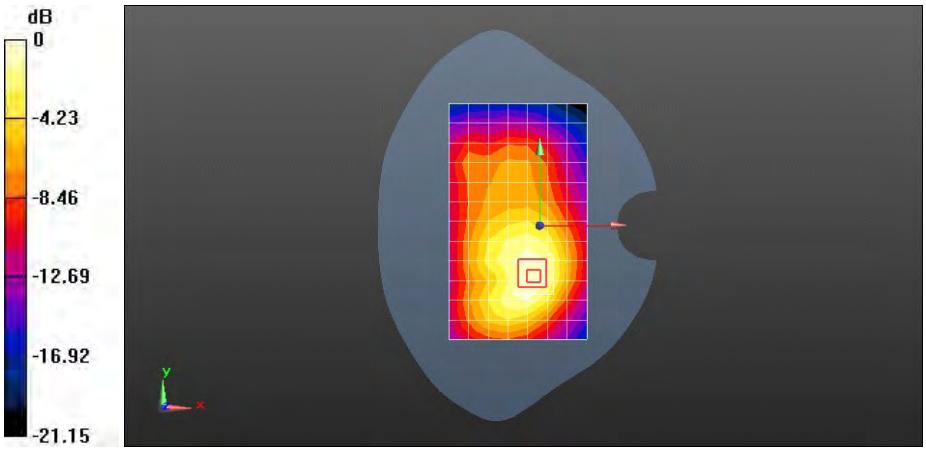
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.447 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.379 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.447 W/kg = -3.50 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Towards Ground 15mm with battery 2#

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

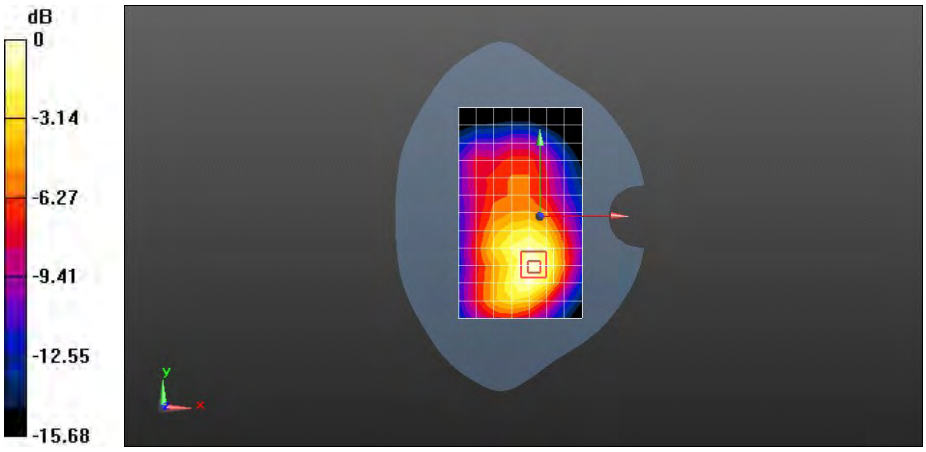
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

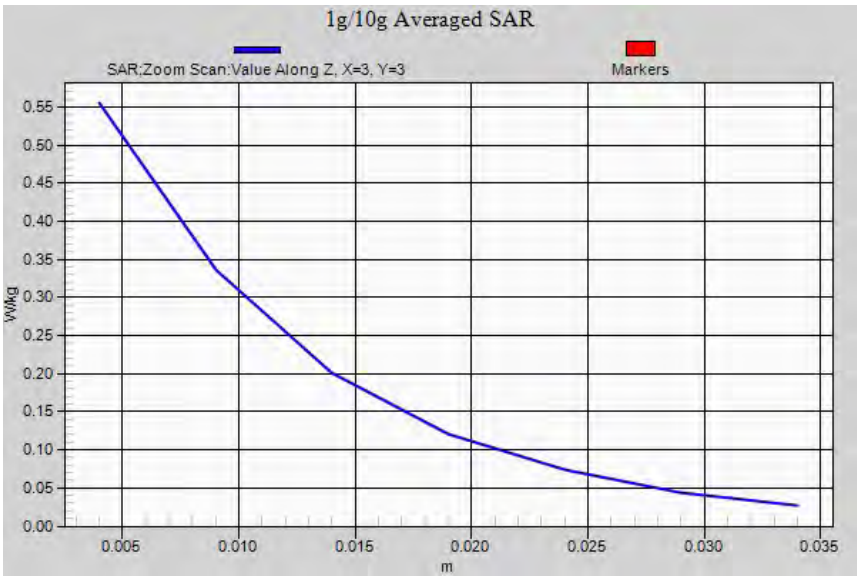
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.536 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.743 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.832 W/kg
SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.555 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg



Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Towards Phantom 10mm

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

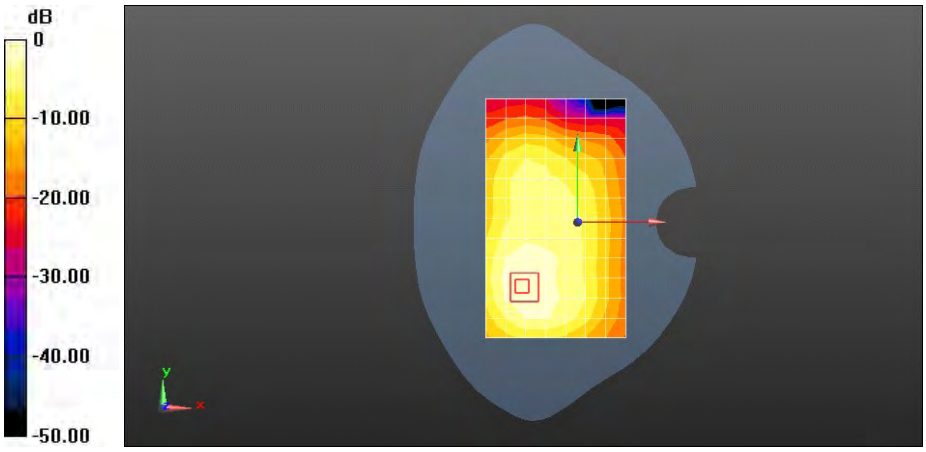
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.916 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.292 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (measured) = 0.941 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#50 20175CH Towards Phantom 10mm

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

Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.485 S/m; ε_r = 51.223; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

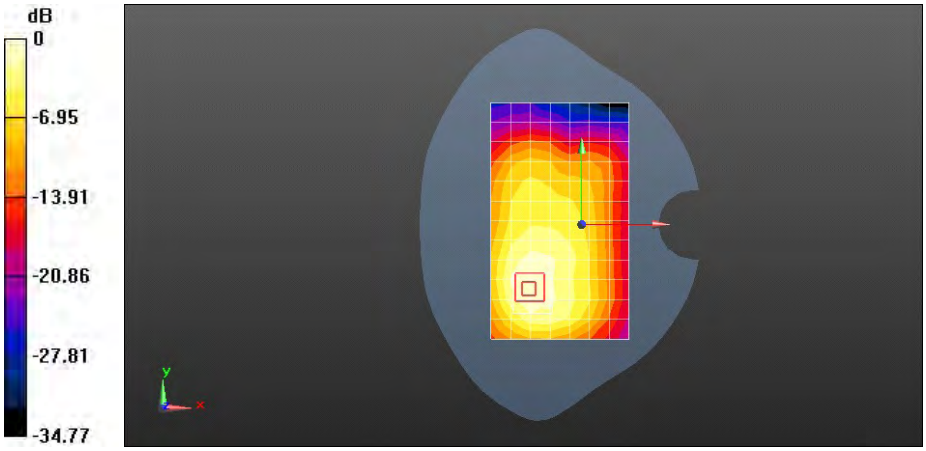
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.801 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.166 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.447 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#0 20050CH Towards Phantom 10mm

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

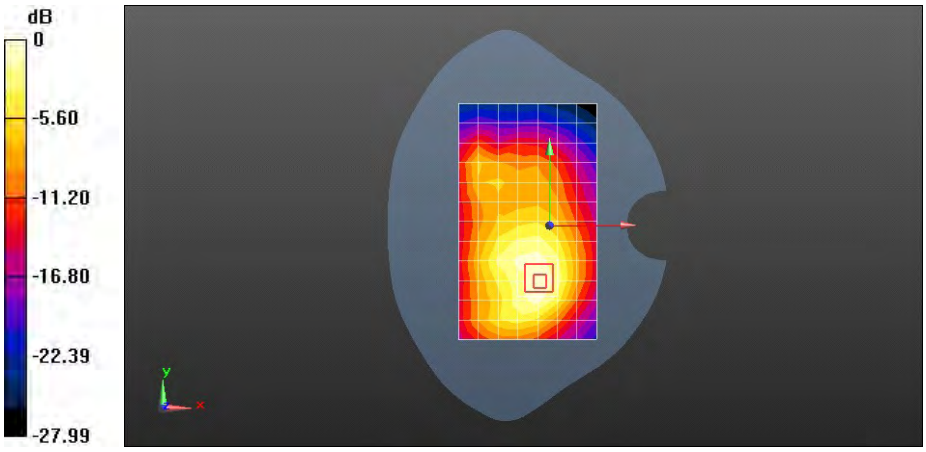
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.479 S/m; ε_r = 51.166; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.879 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.638 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.474 W/kg
Maximum value of SAR (measured) = 0.878 W/kg



0 dB = 0.879 W/kg = -0.56 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Towards Ground 10mm

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

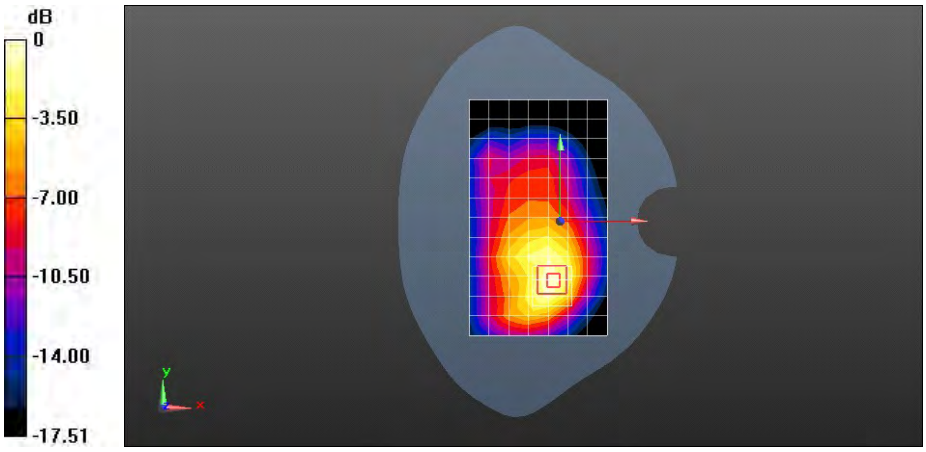
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

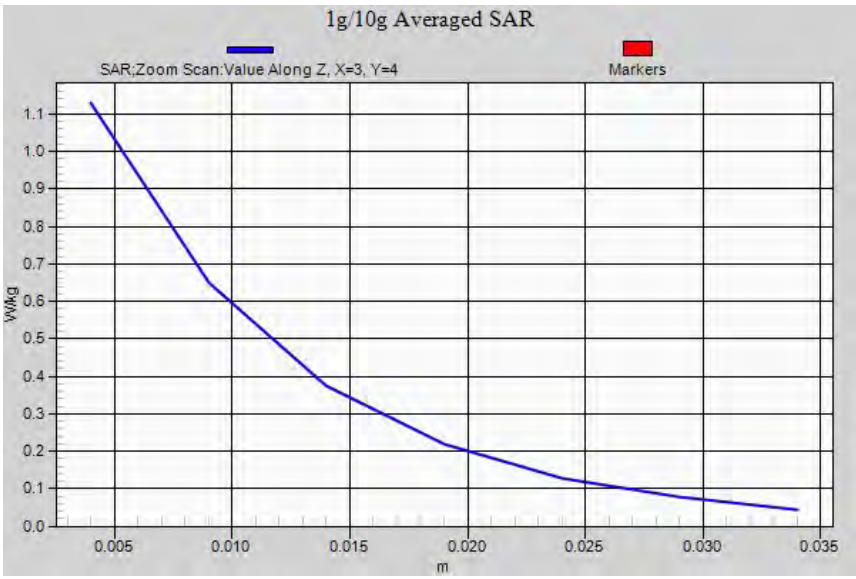
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.371 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.579 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



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



Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Towards Ground 10mm-repeated

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

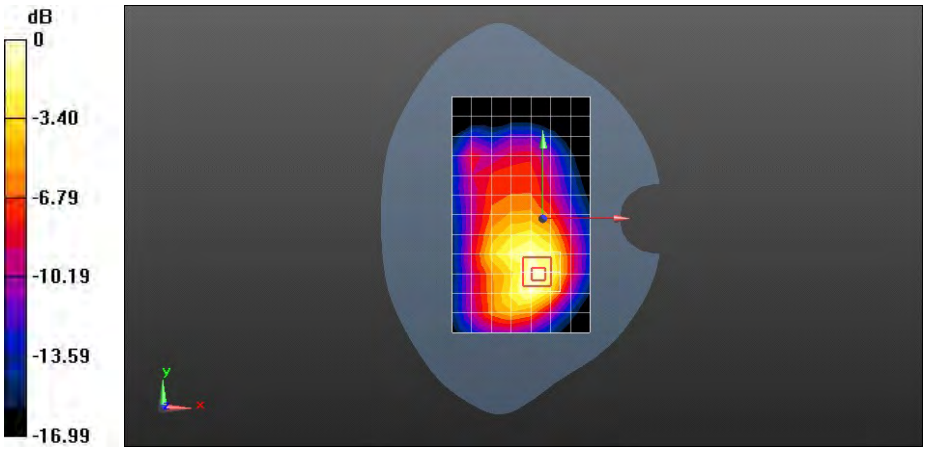
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

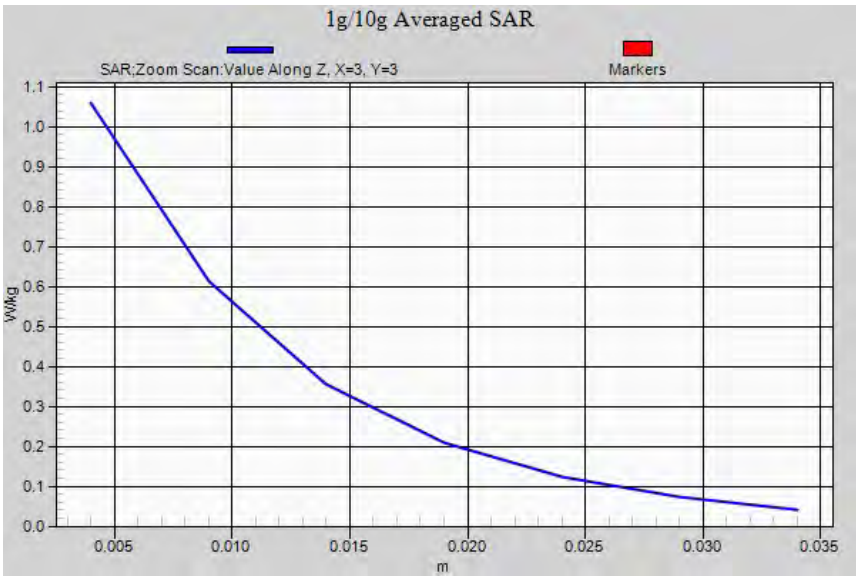
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.961 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.742 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.554 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



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



Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#50 20175CH Towards Ground 10mm

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

Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.485 S/m; ε_r = 51.223; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

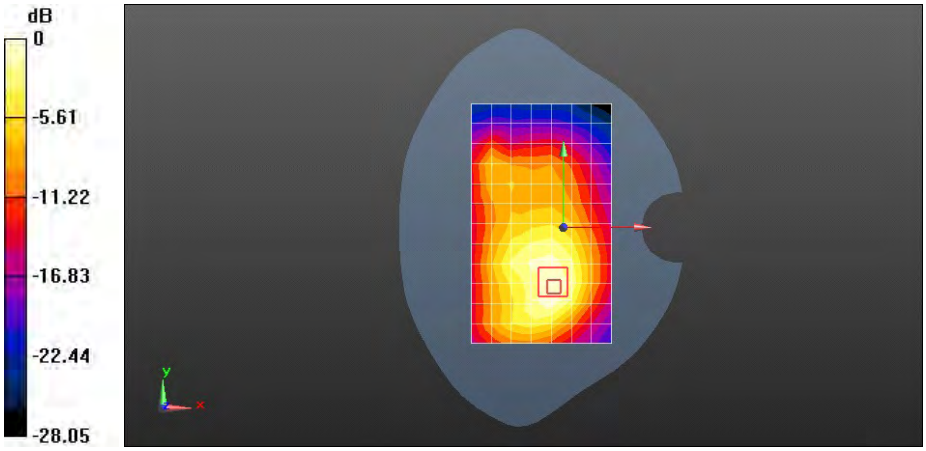
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.925 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.995 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.494 W/kg

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



0 dB = 0.925 W/kg = -0.34 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#0 20050CH Towards Ground 10mm

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

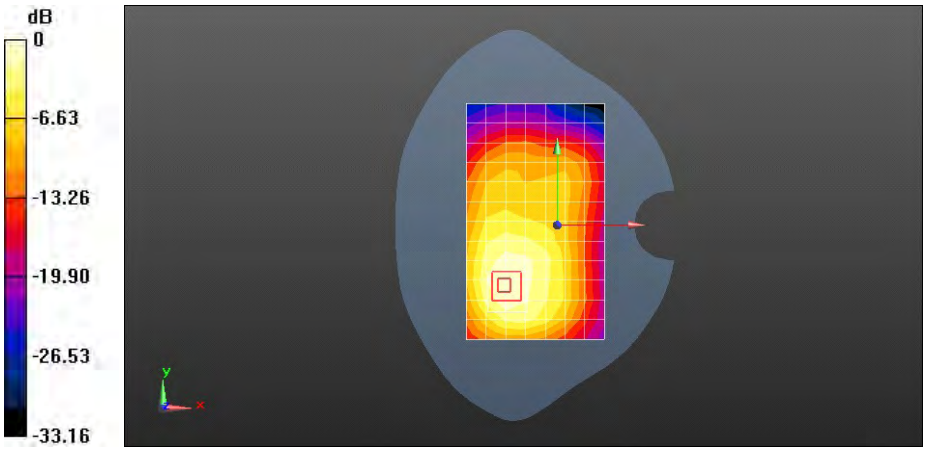
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.479 S/m; ε_r = 51.166; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.915 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.349 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.509 W/kg
Maximum value of SAR (measured) = 0.917 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Left edge 10mm

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

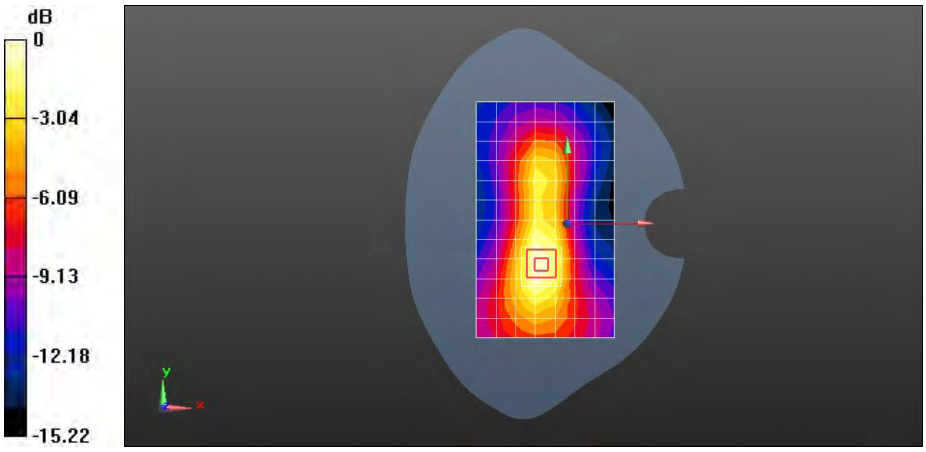
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.320 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.904 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.514 W/kg
SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.349 W/kg



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

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Right edge 10mm

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

Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

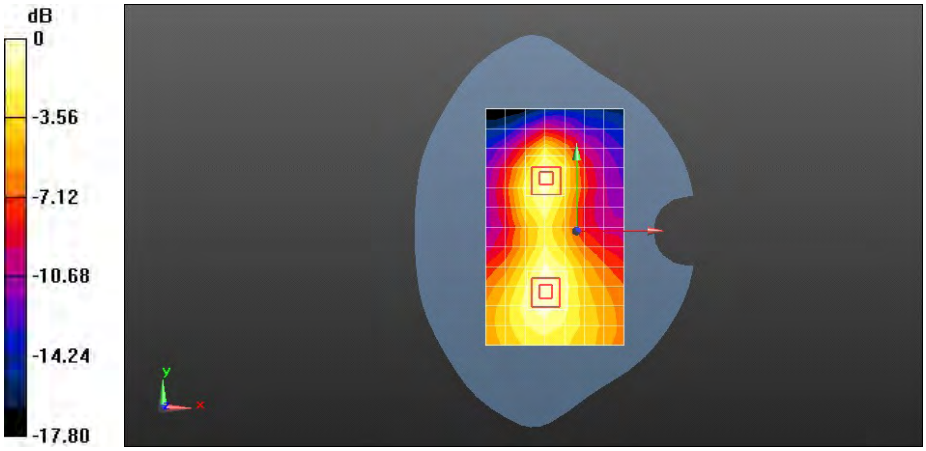
DASY Configuration:

- 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: 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) = 0.177 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.600 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.179 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.600 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 0.161 W/kg



0 dB = 0.177 W/kg = -7.53 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Bottom edge 10mm

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

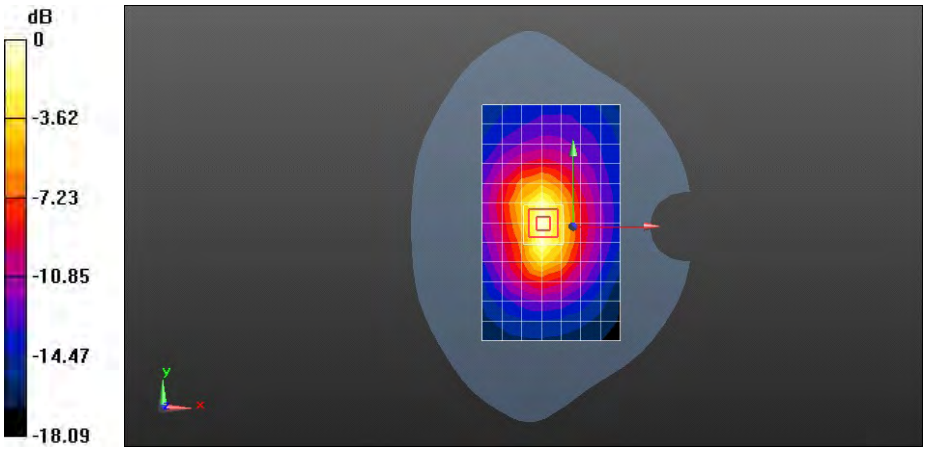
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.728 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.601 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.728 W/kg = -1.38 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#50 20175CH Bottom edge 10mm

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

Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.485 S/m; ε_r = 51.223; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

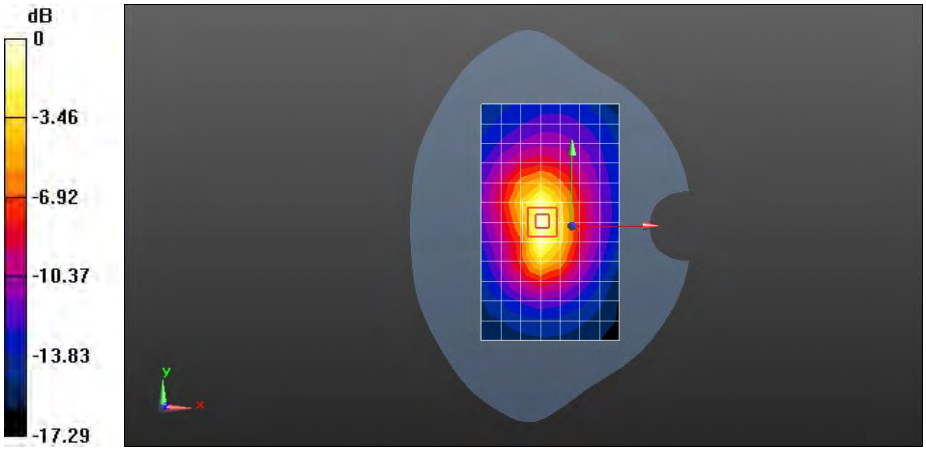
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.601 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.930 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.922 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.299 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.608 W/kg



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

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#0 20050CH Bottom edge 10mm

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

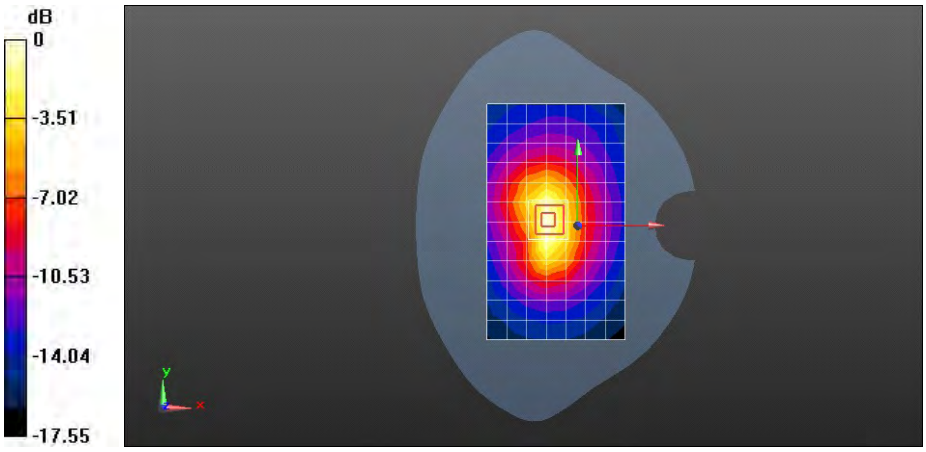
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.479 S/m; ε_r = 51.166; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.603 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.298 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.603 W/kg = -2.20 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#50 20300CH Towards Phantom 10mm

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

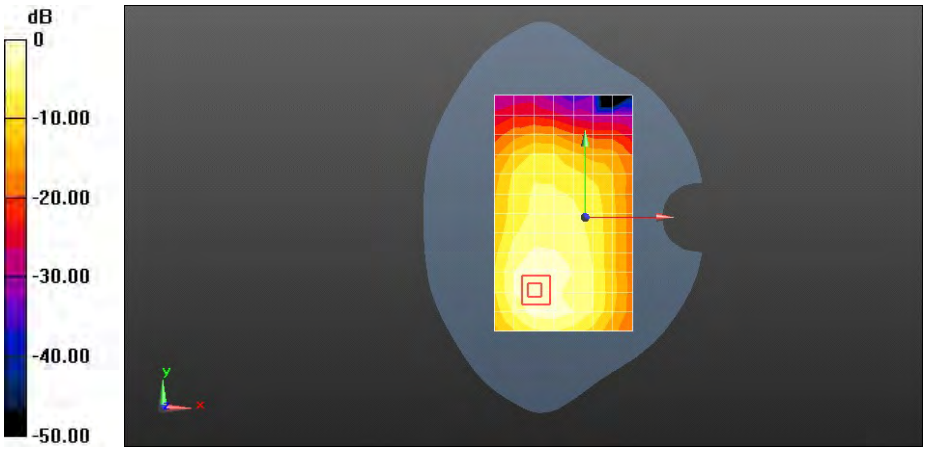
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.840 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.875 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 0.834 W/kg



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

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#0 20175CH Towards Phantom 10mm

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

Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.485 S/m; ε_r = 51.223; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

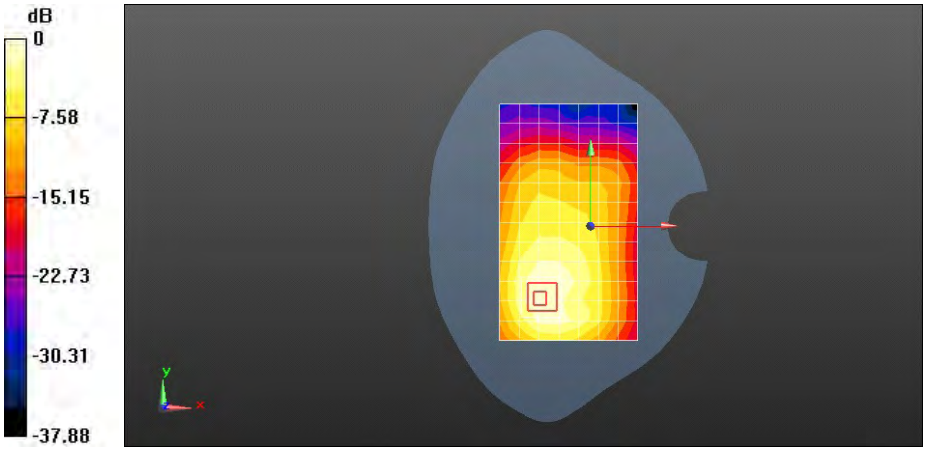
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.694 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.825 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.379 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.694 W/kg = -1.59 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#25 20050CH Towards Phantom 10mm

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

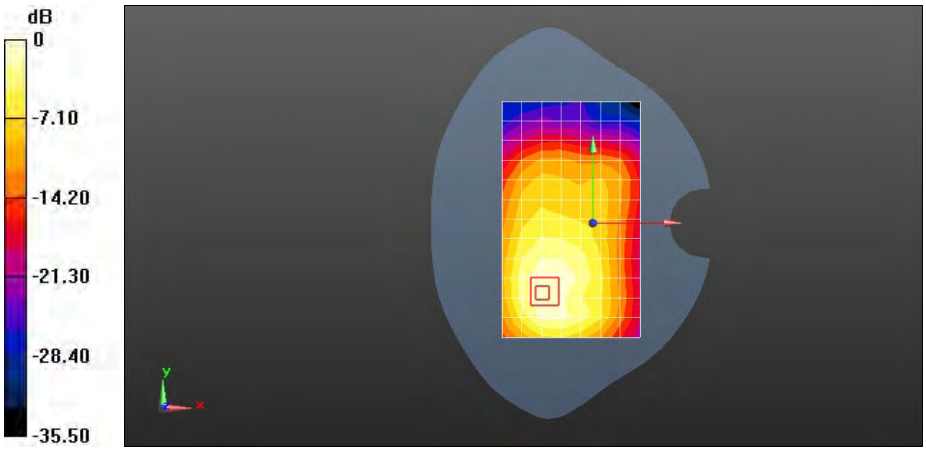
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.479 S/m; ε_r = 51.166; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.692 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.326 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 0.699 W/kg



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

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#50 20300CH Towards Ground 10mm

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

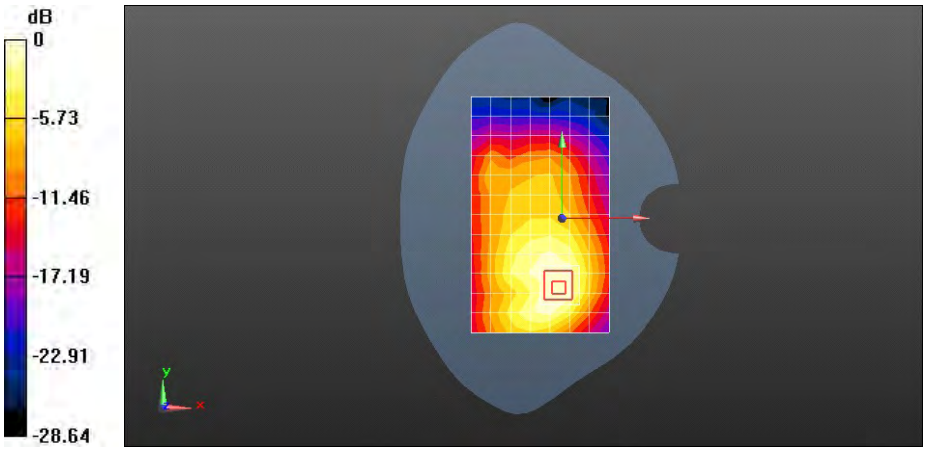
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.744 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.011 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 0.857 W/kg



0 dB = 0.744 W/kg = -1.29 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#0 20175CH Towards Ground 10mm

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

Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.485 S/m; ε_r = 51.223; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

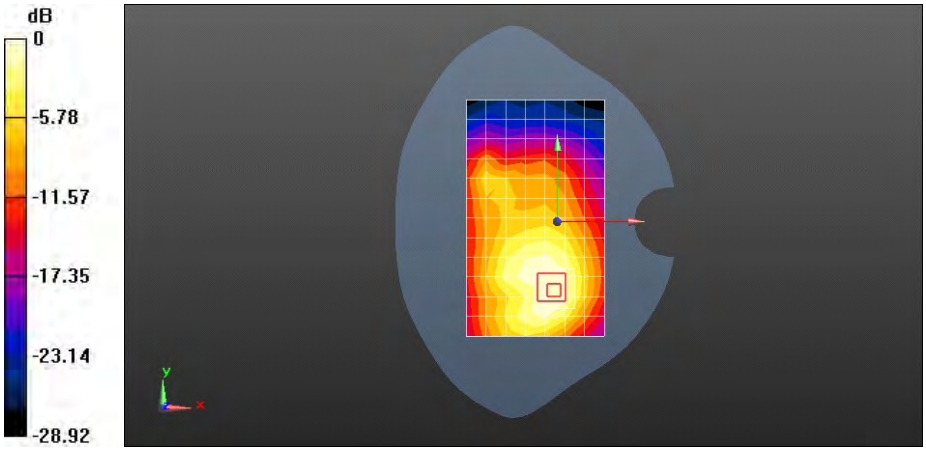
- Probe: ES3DV3 - SN3168; ConvF(5.21, 5.21, 5.21); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.633 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.928 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.378 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.705 W/kg



0 dB = 0.633 W/kg = -1.98 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#25 20050CH Towards Ground 10mm

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

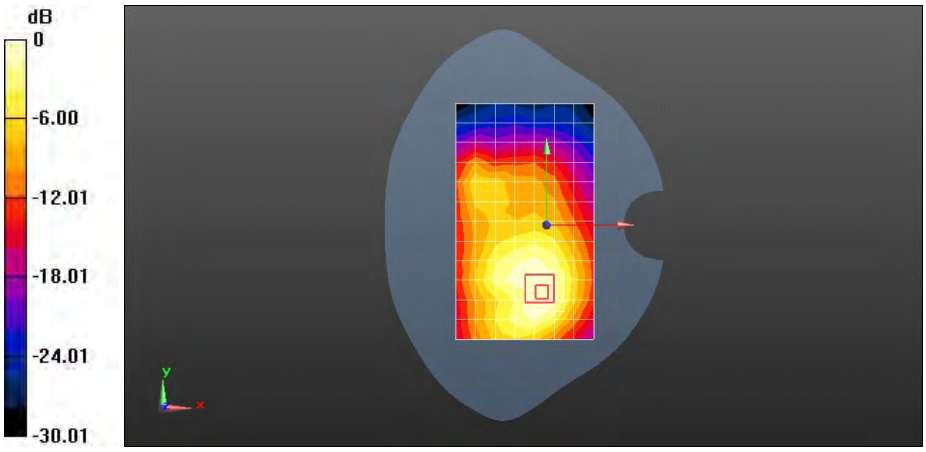
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.479 S/m; ε_r = 51.166; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.660 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.345 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.386 W/kg
Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.660 W/kg = -1.80 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#50 20300CH Left edge 10mm

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

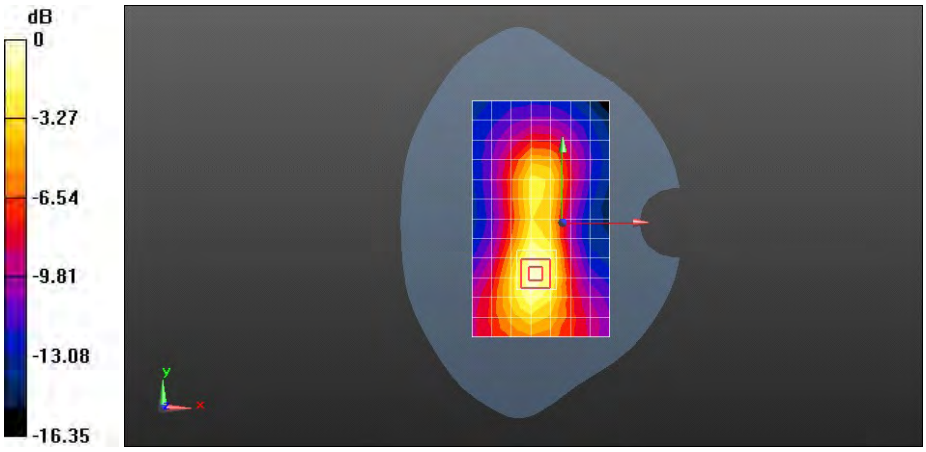
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.294 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.331 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#50 20300CH Right edge 10mm

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

Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

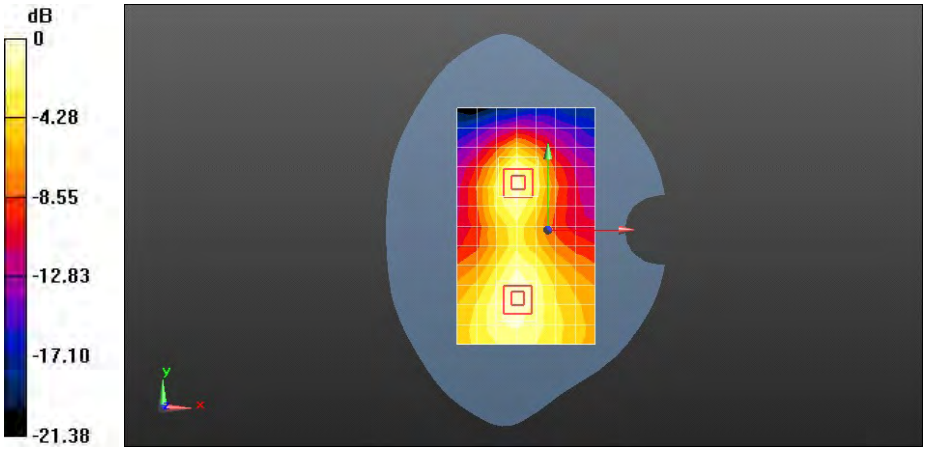
DASY Configuration:

- 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: 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) = 0.147 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.385 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.082 W/kg
Maximum value of SAR (measured) = 0.149 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.385 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.188 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.147 W/kg = -8.32 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 50%RB#50 20300CH Bottom edge 10mm

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

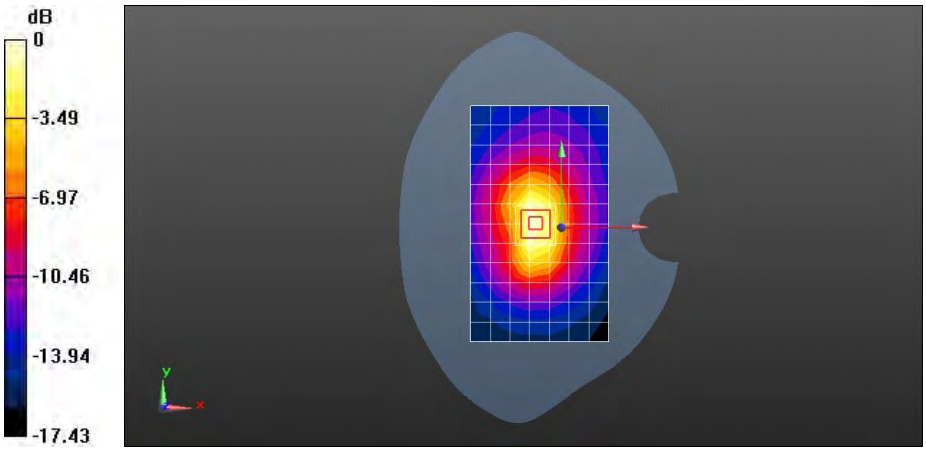
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.510 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.411 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.277 W/kg
Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.510 W/kg = -2.92 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 100%RB#0 20300CH Towards Phantom 10mm

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

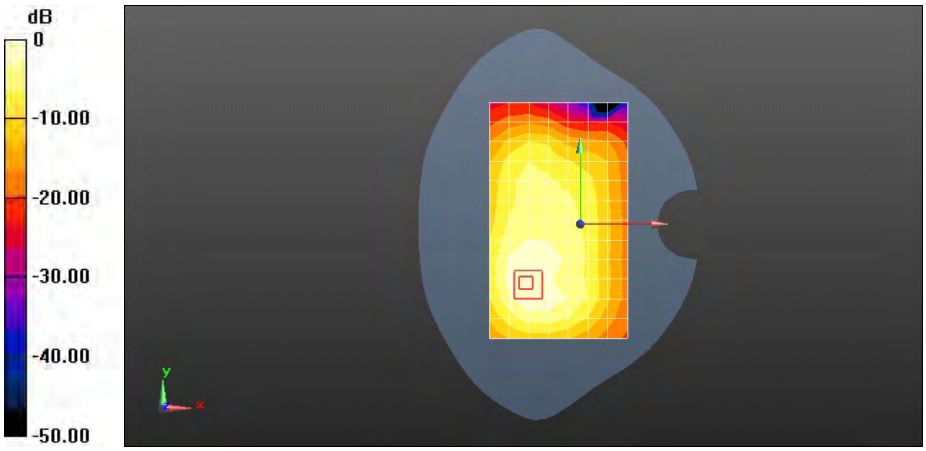
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.737 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.862 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 0.757 W/kg



0 dB = 0.737 W/kg = -1.32 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 100%RB#0 20300CH Towards Ground 10mm

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

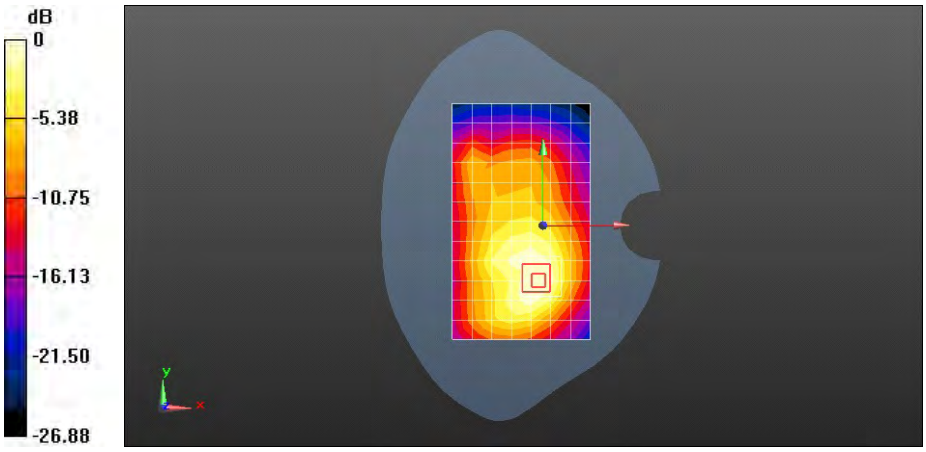
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.731 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.579 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.419 W/kg
Maximum value of SAR (measured) = 0.788 W/kg



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

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 100%RB#0 20300CH Bottom edge 10mm

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

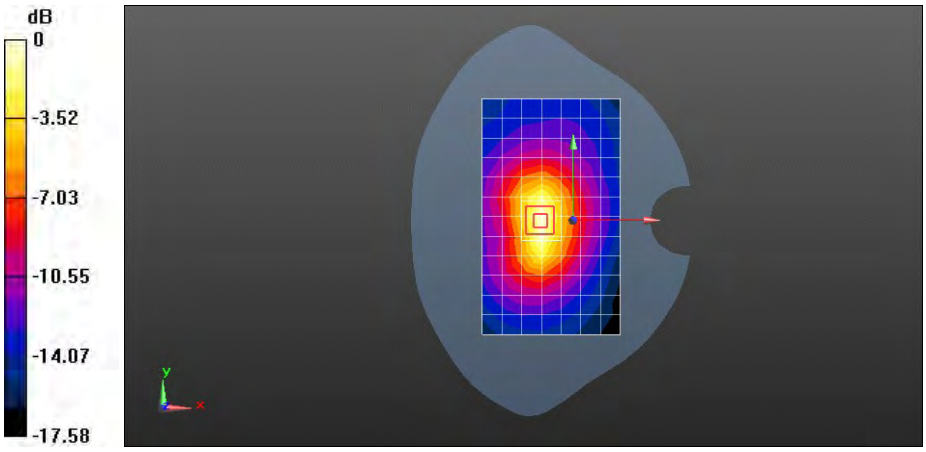
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.517 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.149 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.517 W/kg = -2.86 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 LTE Band IV QPSK 1RB#99 20300CH Towards Ground 10mm with battery 2#

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

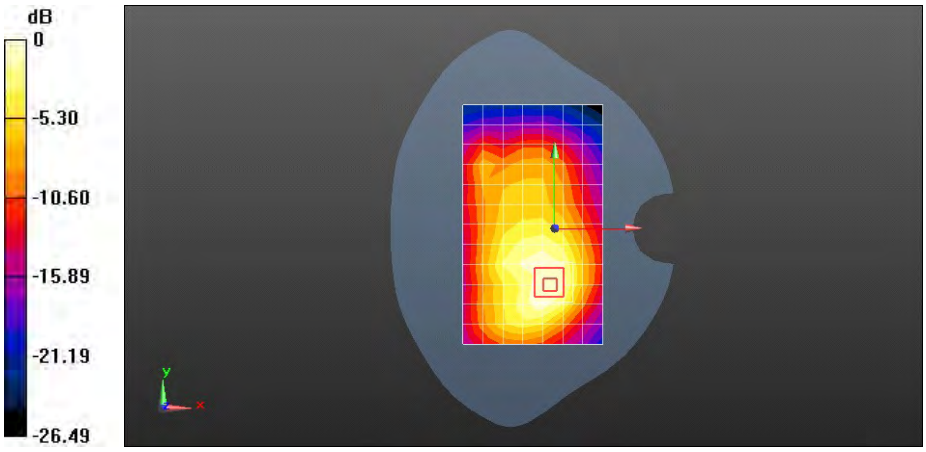
Communication System: LTE-FDD(SC-FDMA,20MHz,QPSK/16QAM); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.491 S/m; ε_r = 51.218; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 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) = 0.921 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.858 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.535 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

Date: 2013-6-3

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Left hand touch cheek

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

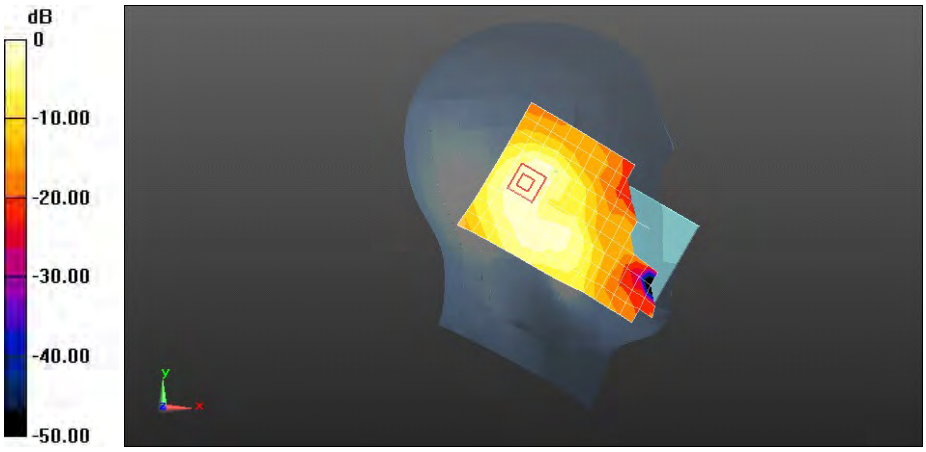
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.839 S/m; ε_r = 38.805; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.289 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.691 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

Date: 2013-6-3

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Left hand tilt 15 degree

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

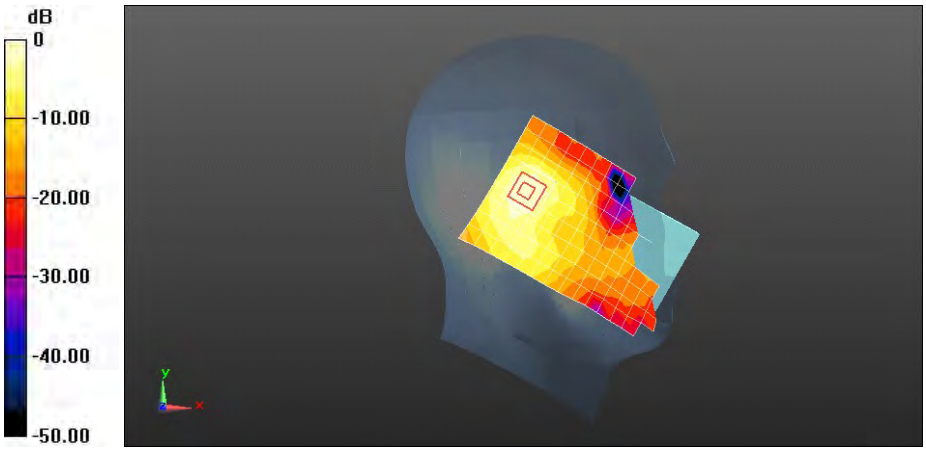
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.839 S/m; ε_r = 38.805; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.363 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.594 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.363 W/kg = -4.41 dBW/kg

Date: 2013-6-3

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Right hand touch cheek

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

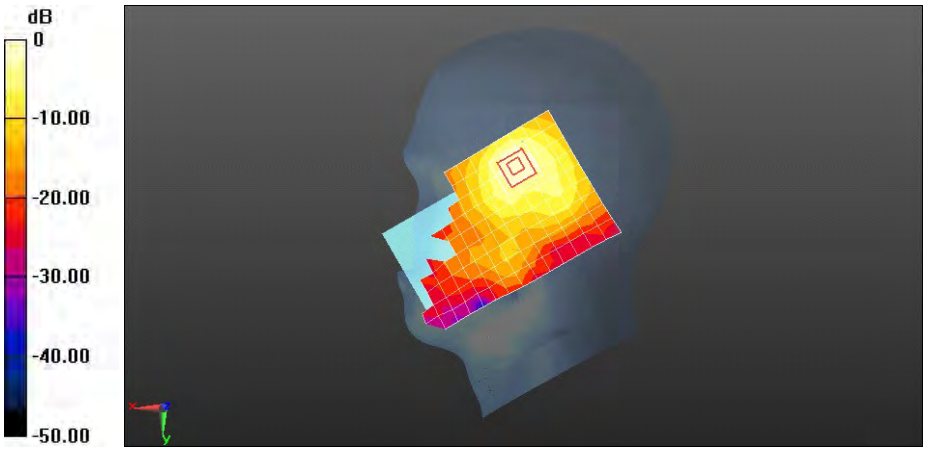
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.839 S/m; ε_r = 38.805; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.636 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.975 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.711 W/kg



0 dB = 0.636 W/kg = -1.97 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Right hand tilt 15 degree

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

Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.839 S/m; ε_r = 38.805; ρ = 1000 kg/m^3
Phantom section: Right Section

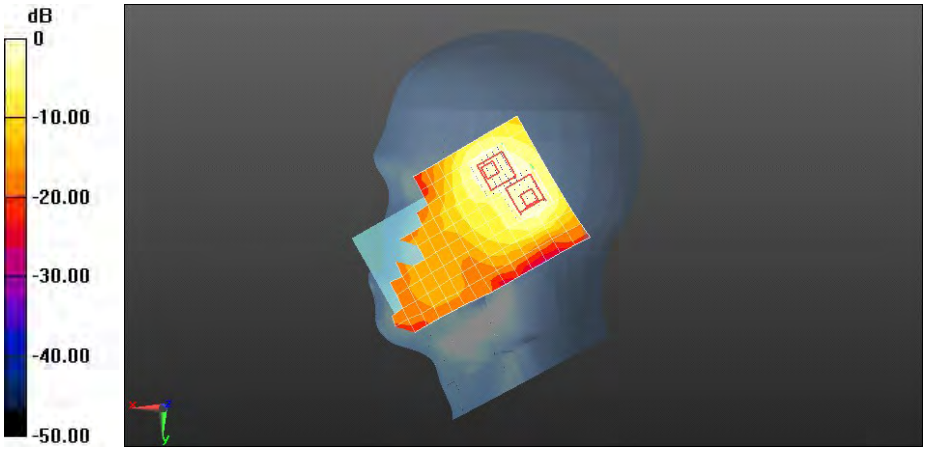
DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); 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/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.282 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.858 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.135 W/kg
Maximum value of SAR (measured) = 0.283 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.858 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.131 W/kg



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

Date: 2013-6-3

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Right hand touch cheek with battery 2#

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

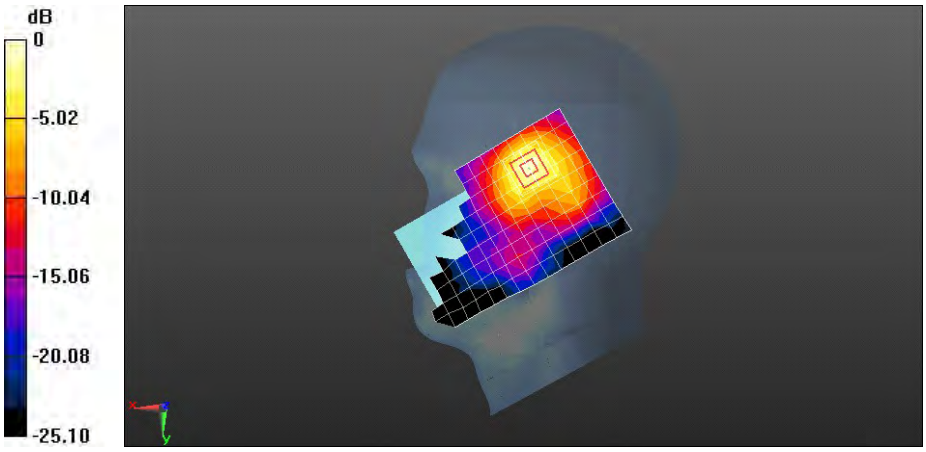
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.839 S/m; ε_r = 38.805; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

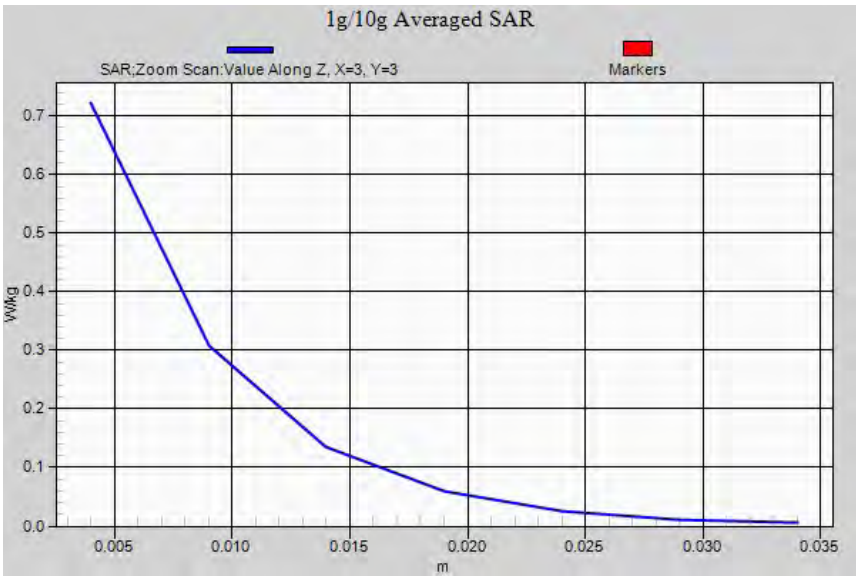
- Probe: ES3DV3 - SN3168; ConvF(4.57, 4.57, 4.57); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.603 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.984 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg = -1.41 dBW/kg



Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Towards Phantom 15mm

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

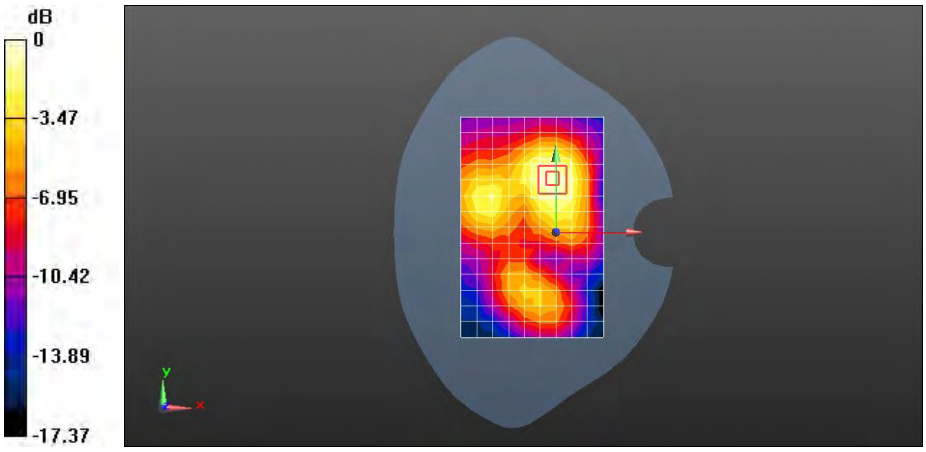
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.111 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.261 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.111 W/kg = -9.54 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Towards Ground 15mm

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

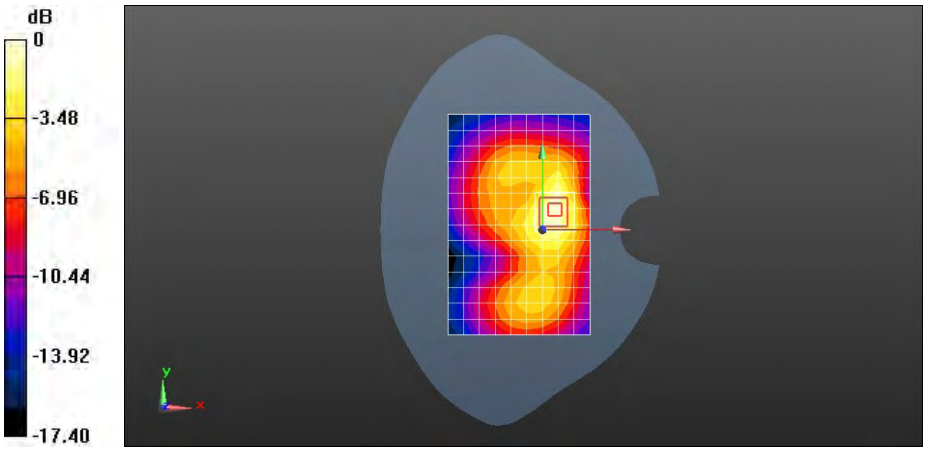
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.306 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.156 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.306 W/kg = -5.15 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Towards Ground 15mm with battery 2#

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

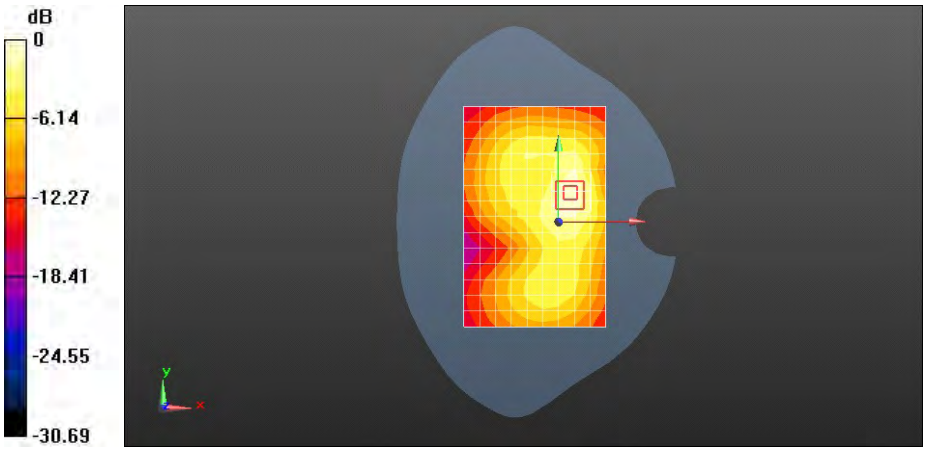
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

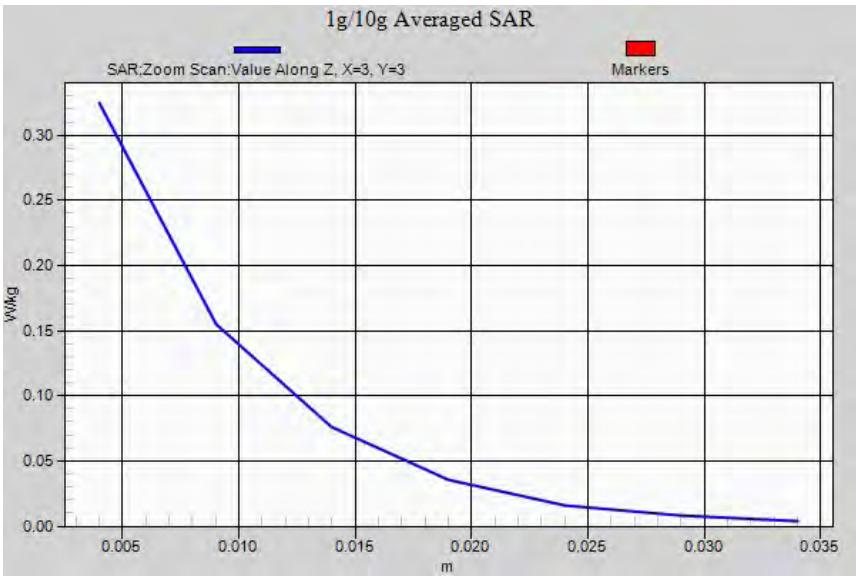
- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); Calibrated: 2012-10-2;
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1235; Calibrated: 2013-5-2
- Phantom: SAM 2; Type: SAM; Serial: TP-1474
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.299 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.674 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.325 W/kg



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



Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Towards Phantom 10mm

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

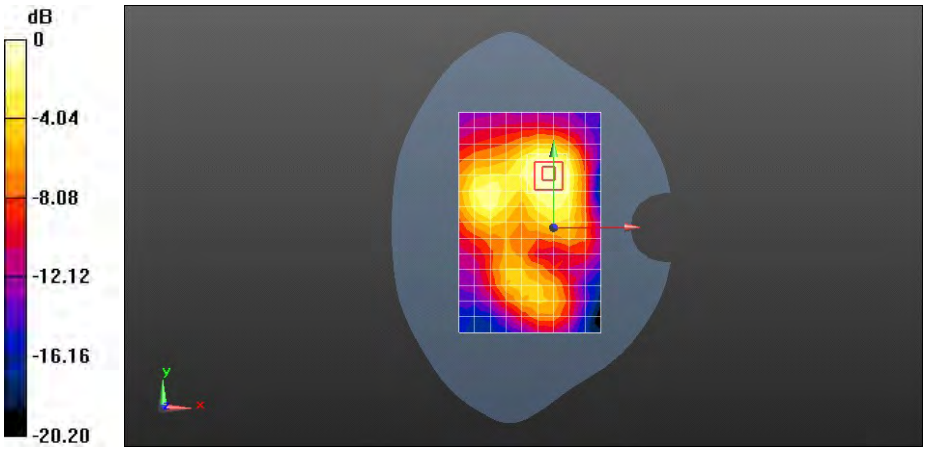
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.164 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.223 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.164 W/kg = -7.84 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Towards Ground 10mm

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

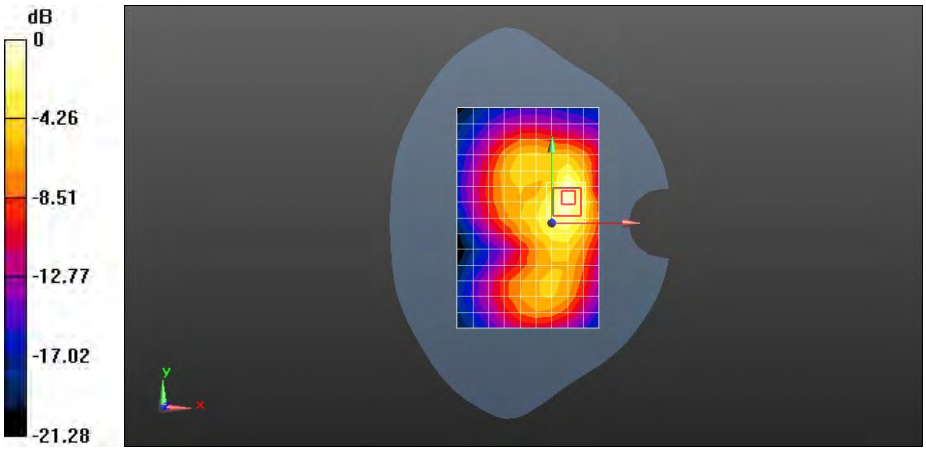
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.582 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.710 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Left edge 10mm

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

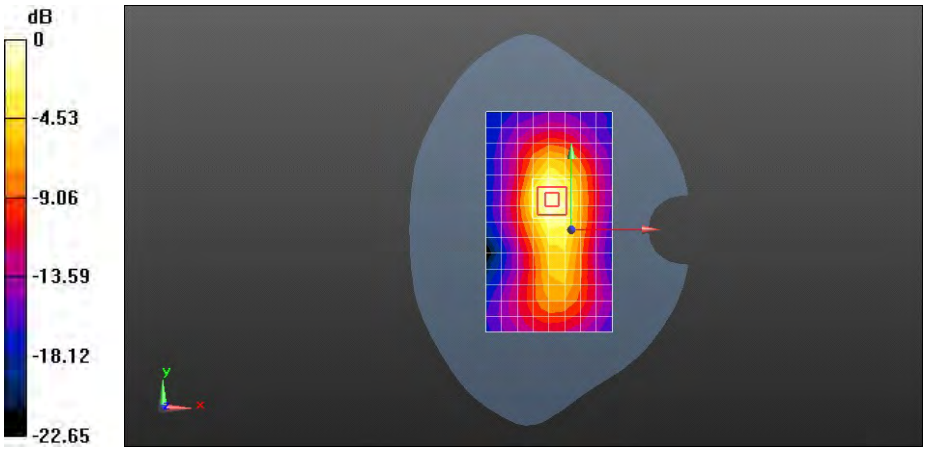
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.492 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.962 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 0.576 W/kg



0 dB = 0.492 W/kg = -3.08 dBW/kg

Date: 2013-6-4

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Top edge 10mm

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

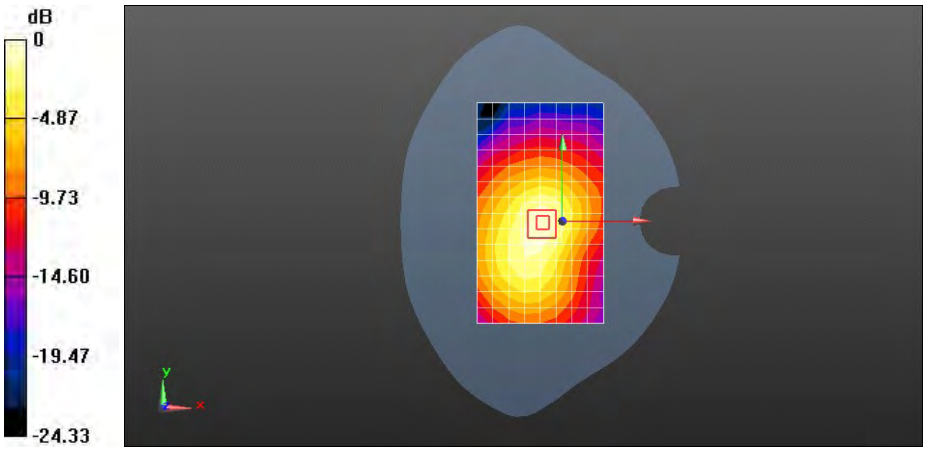
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 (9x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.160 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.007 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.160 W/kg = -7.95 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y301-A2 WiFi 802.11b 11CH Towards Ground 10mm with battery 2#

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

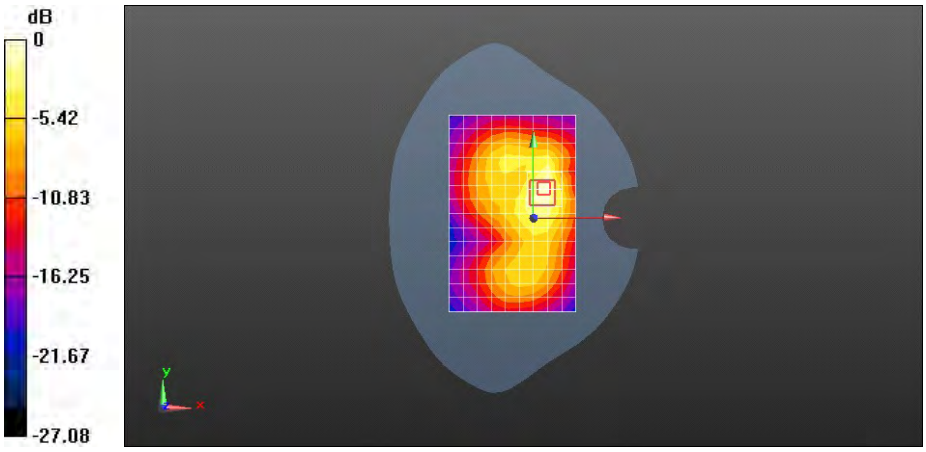
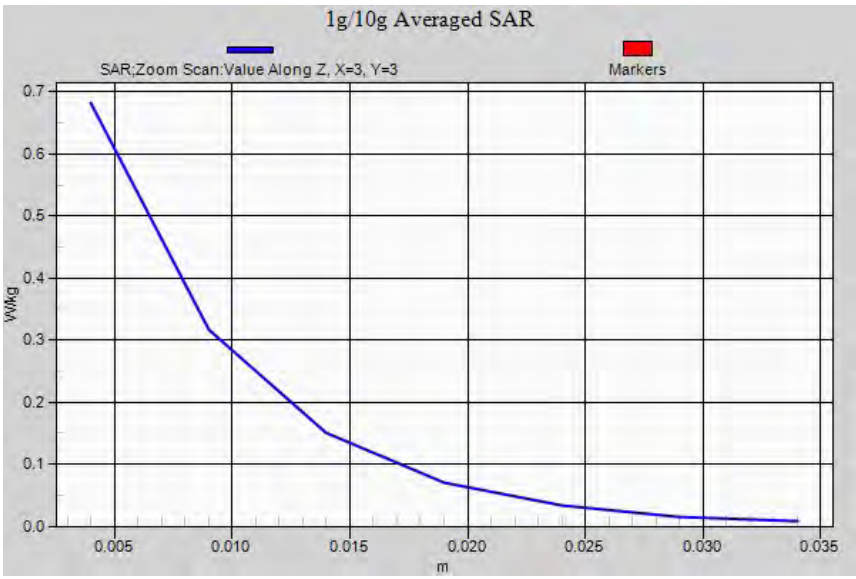
Communication System: WiFi (802.11*); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 51.894; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.38, 4.38, 4.38); 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 (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.633 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.570 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg